

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110215.D
 Acq On : 26 Oct 2018 17:44
 Operator : JU/SJ
 Sample : J5658-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 23:39:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136432	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	519990	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	214257	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	339519	20.00	ng	-0.01
76) Chrysene-d12	14.16	240	248050	20.00	ng	0.00
87) Perylene-d12	15.68	264	175075	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	999268	119.27	ng	0.00
7) Phenol-d6	6.60	99	1267887	118.32	ng	0.00
23) Nitrobenzene-d5	7.53	82	779672	88.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	235187	110.81	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1217858	89.26	ng	-0.01
79) Terphenyl-d14	13.09	244	898811	75.36	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	114712	26.133	ng	92
3) Pyridine	3.66	79	330485	33.803	ng	# 83
4) n-Nitrosodimethylamine	3.61	42	175611	42.873	ng	96
6) Aniline	6.64	93	293266	21.008	ng	# 52
8) 2-Chlorophenol	6.76	128	371271	38.437	ng	97
9) Benzaldehyde	6.52	77	176827	25.643	ng	98
10) Phenol	6.62	94	577555	50.421	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	345189	36.629	ng	92
12) 1,3-Dichlorobenzene	6.91	146	386037	36.317	ng	99
13) 1,4-Dichlorobenzene	6.99	146	391067	36.376	ng	98
14) 1,2-Dichlorobenzene	7.14	146	365642	36.637	ng	99
15) Benzyl Alcohol	7.11	79	322509	39.130	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	563966	37.428	ng	69
17) 2-Methylphenol	7.22	107	299869	38.954	ng	# 82
18) Hexachloroethane	7.48	117	128060	32.536	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	251399	36.568	ng	97
20) 3+4-Methylphenols	7.37	107	382038	38.394	ng	94
22) Acetophenone	7.38	105	502242	41.917	ng	# 98
24) Nitrobenzene	7.56	77	377910	41.753	ng	90
25) Isophorone	7.79	82	681572	45.608	ng	97
26) 2-Nitrophenol	7.87	139	176425	40.961	ng	94
27) 2,4-Dimethylphenol	7.90	122	333798	46.744	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	437726	43.117	ng	99
29) 2,4-Dichlorophenol	8.11	162	302110	41.876	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	320632	39.677	ng	95
31) Naphthalene	8.27	128	1031347	43.034	ng	100
32) Benzoic acid	7.96	122	13599	2.464	ng	89
33) 4-Chloroaniline	8.32	127	133190	12.348	ng	97
34) Hexachlorobutadiene	8.39	225	174778	38.953	ng	98
35) Caprolactam	8.69	113	52659	20.942	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	312048	39.999	ng	96
37) 2-Methylnaphthalene	8.97	142	687815	43.377	ng	99
38) 1-Methylnaphthalene	9.07	142	635250	41.457	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	282670	42.343	ng	99

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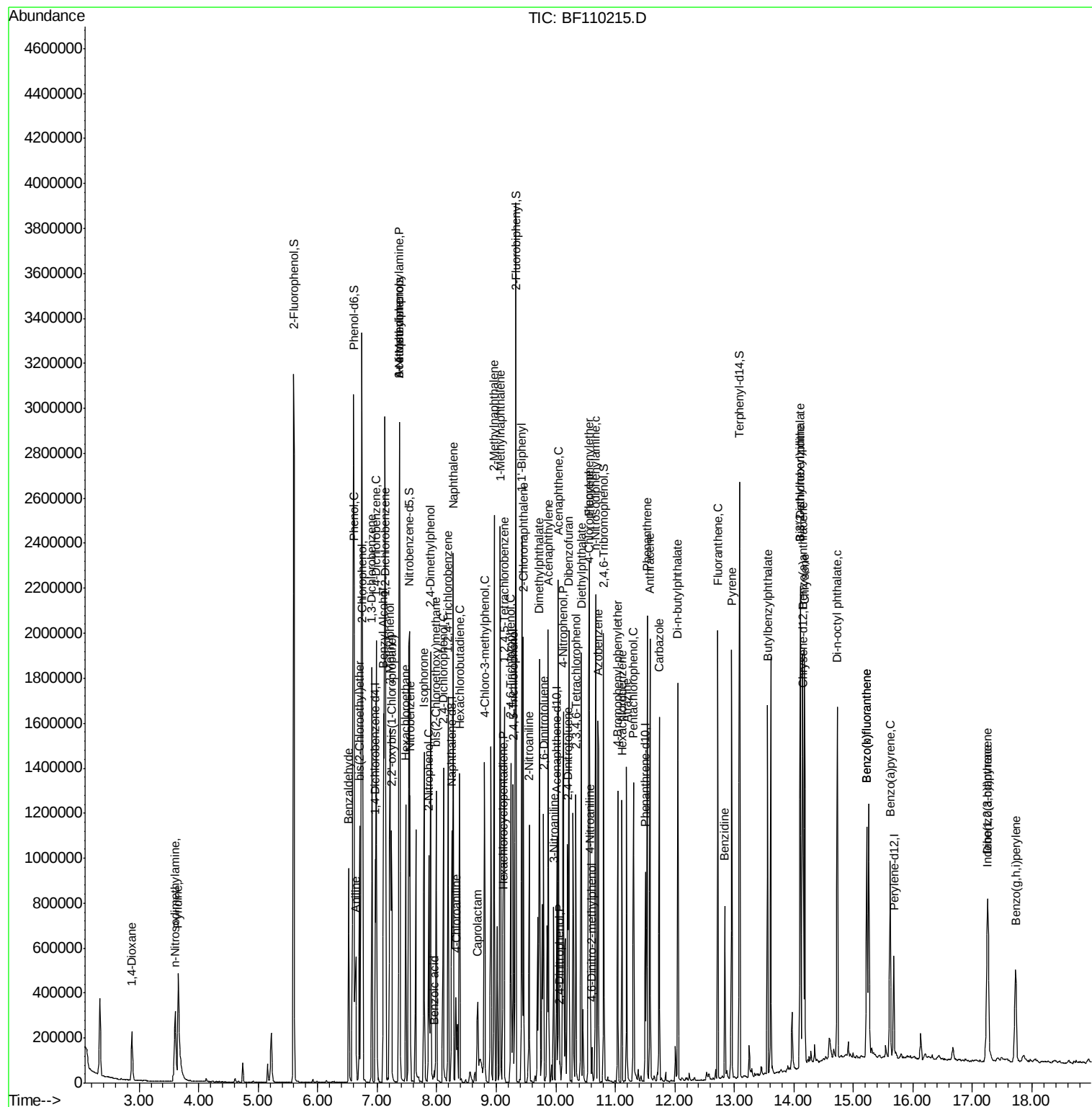
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	103353	30.277	nq	100
43) 2,4,6-Trichlorophenol	9.25	196	189936	44.111	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	197637	43.423	nq	96
46) 1,1'-Biphenyl	9.43	154	799585	41.269	nq	99
47) 2-Chloronaphthalene	9.46	162	596506	41.971	nq	98
48) 2-Nitroaniline	9.56	65	195375	45.365	nq	91
49) Acenaphthylene	9.87	152	908431	44.254	nq	99
50) Dimethylphthalate	9.73	163	886442	56.047	nq	99
51) 2,6-Dinitrotoluene	9.79	165	149097	43.764	nq	98
52) Acenaphthene	10.05	154	548095	40.361	nq	98
53) 3-Nitroaniline	9.96	138	116546	28.767	nq	94
54) 2,4-Dinitrophenol	10.07	184	16436	16.545	nq	93
55) Dibenzofuran	10.22	168	770005	40.499	nq	97
56) 4-Nitrophenol	10.13	139	306366	102.174	nq	96
57) 2,4-Dinitrotoluene	10.20	165	184742	42.692	nq	93
58) Fluorene	10.56	166	581665	41.106	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	144718	39.010	nq	# 94
60) Diethylphthalate	10.43	149	655860	42.481	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	287665	38.536	nq	99
62) 4-Nitroaniline	10.58	138	135621	33.657	nq	94
63) Azobenzene	10.71	77	595659	38.869	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	19770	12.745	nq	99
66) n-Nitrosodiphenylamine	10.67	169	517440	46.465	nq	95
67) 4-Bromophenyl-phenylether	11.05	248	160273	43.519	nq	97
68) Hexachlorobenzene	11.11	284	158859	40.654	nq	# 87
69) Atrazine	11.19	200	157844	44.851	nq	98
70) Pentachlorophenol	11.30	266	143542	62.998	nq	97
71) Phenanthrene	11.53	178	780732	43.947	nq	99
72) Anthracene	11.58	178	791131	44.429	nq	99
73) Carbazole	11.74	167	685026	39.400	nq	99
74) Di-n-butylphthalate	12.05	149	873916	44.505	nq	100
75) Fluoranthene	12.72	202	783238	43.442	nq	99
77) Benzidine	12.84	184	292010	39.364	nq	97
78) Pyrene	12.96	202	778002	43.750	nq	98
80) Butylbenzylphthalate	13.56	149	344487	44.631	nq	99
81) Benzo(a)anthracene	14.14	228	669967	45.545	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	195316	38.131	nq	99
83) Chrysene	14.18	228	617988	44.232	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	472129	45.249	nq	96
85) Di-n-octyl phthalate	14.73	149	794095	48.945	nq	# 99
86) Indeno(1,2,3-cd)pyrene	17.24	276	414330	35.747	nq	96
88) Benzo(b)fluoranthene	15.23	252	504267	49.878	nq	99
89) Benzo(k)fluoranthene	15.23	252	504267	50.736	nq	98
90) Benzo(a)pyrene	15.62	252	435967	46.864	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	348755	43.448	nq	99
92) Benzo(g,h,i)perylene	17.73	276	339252	42.890	nq	96

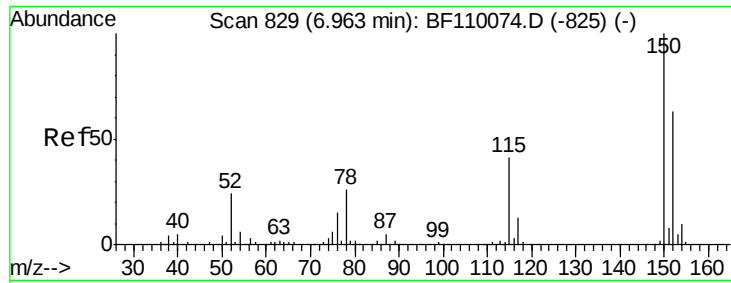
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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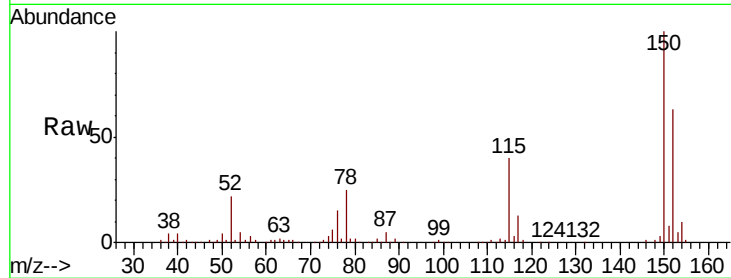


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	63.3	49.1	73.7

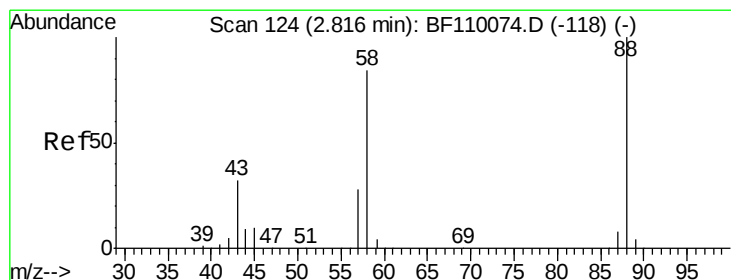
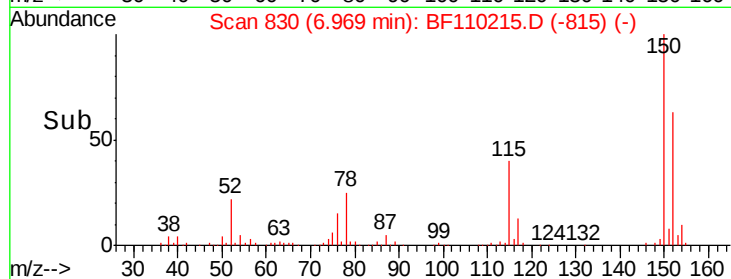
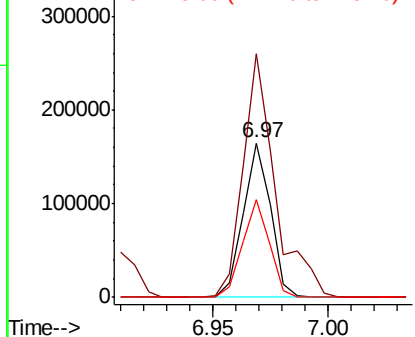


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

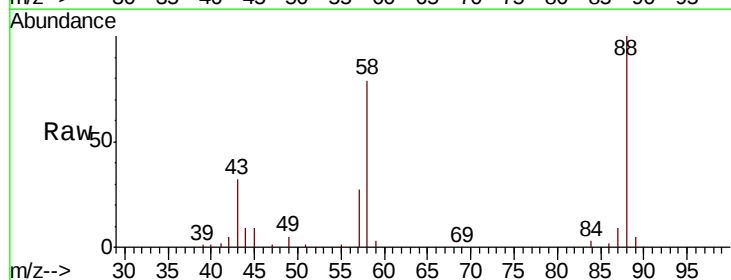
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.133 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.04 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	57.1	85.7
43	31.4	24.1	36.1

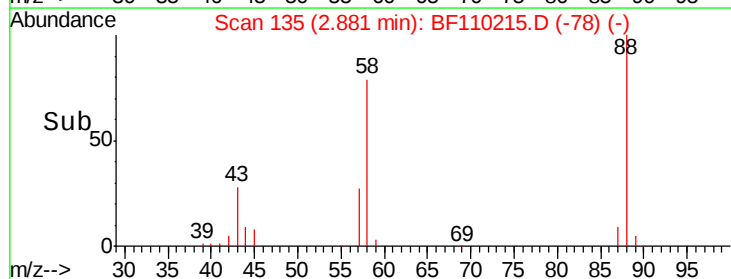
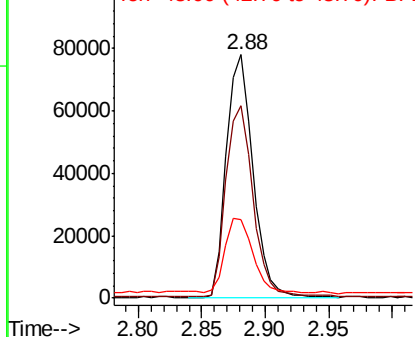


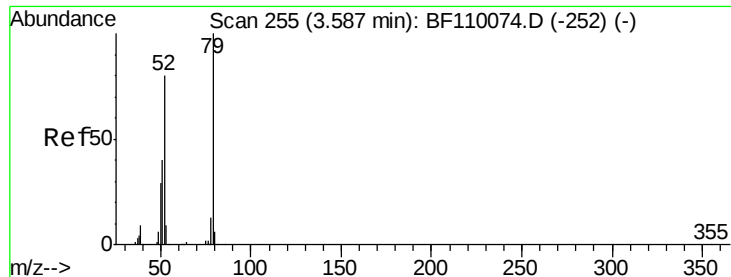
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.803 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.04 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

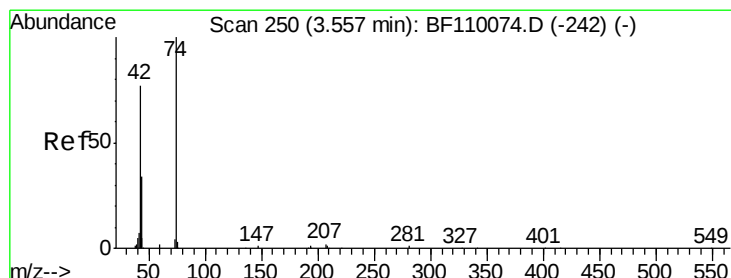
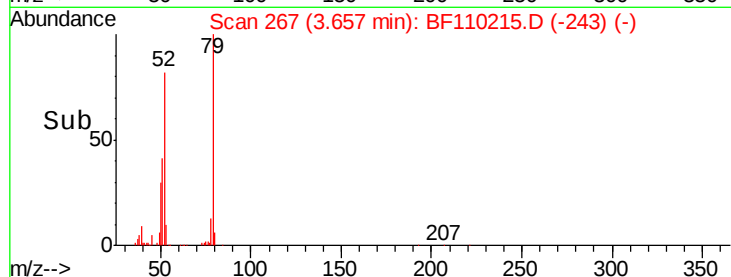
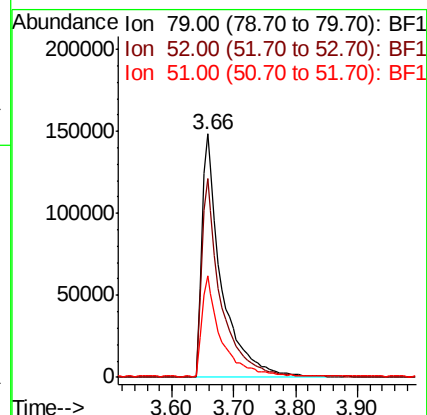
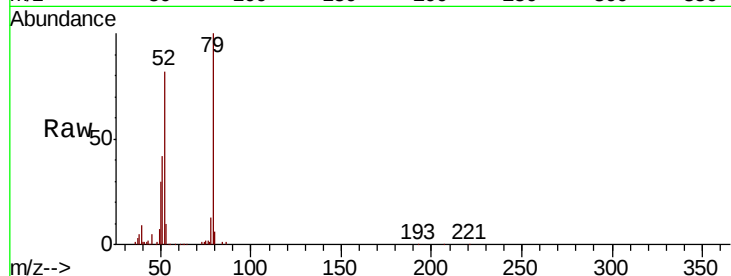
Tot Ion: 79 Resp: 330485

Ion Ratio Lower Upper

79 100

52 81.6 53.1 79.7#

51 41.6 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 42.873 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.03 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

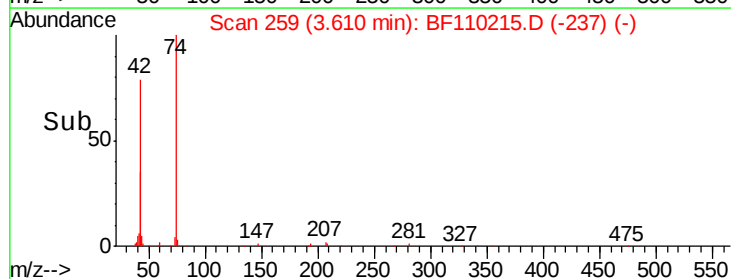
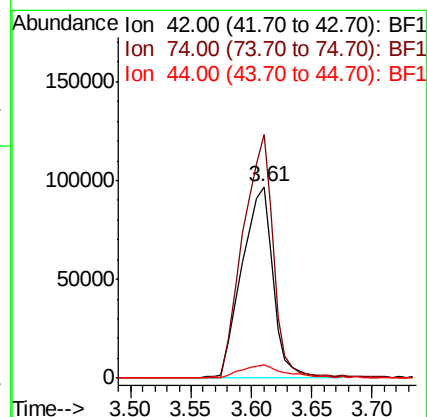
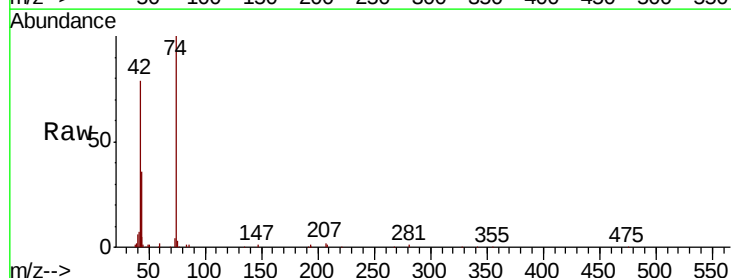
Tgt Ion: 42 Resp: 175611

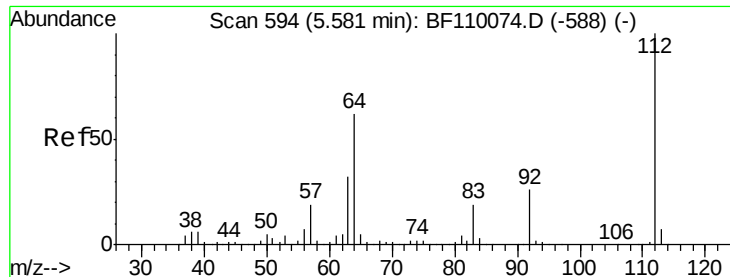
Ion Ratio Lower Upper

42 100

74 127.0 105.5 158.3

44 6.9 4.9 7.3





#5

2-Fluorophenol

Concen: 119.273 ng

RT: 5.60 min Scan# 597

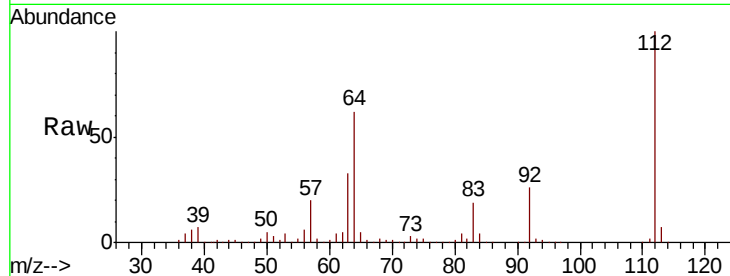
Delta R.T. 0.00 min

Lab File: BF110215.D

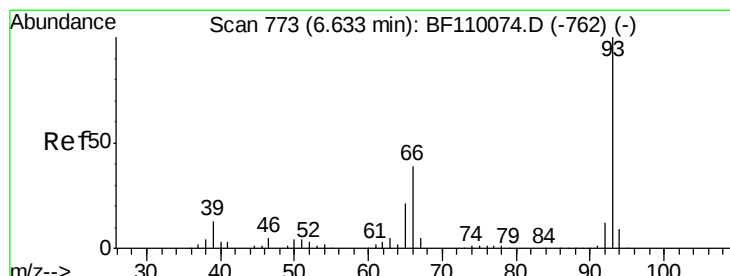
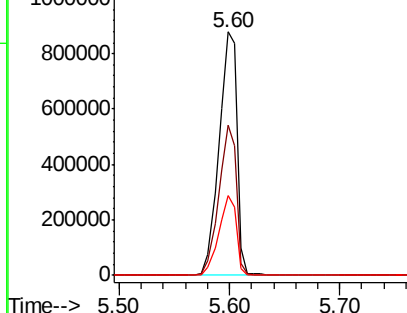
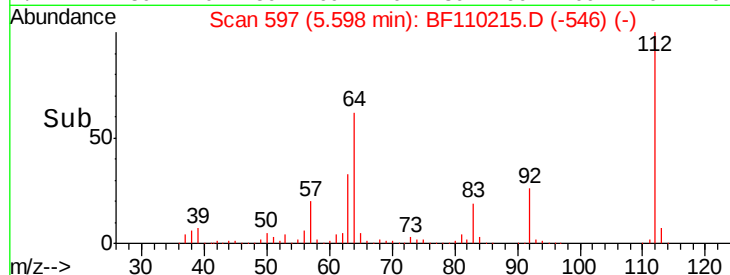
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	999268
Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	32.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.008 ng

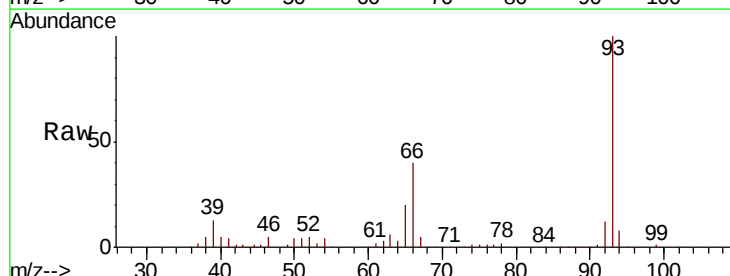
RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

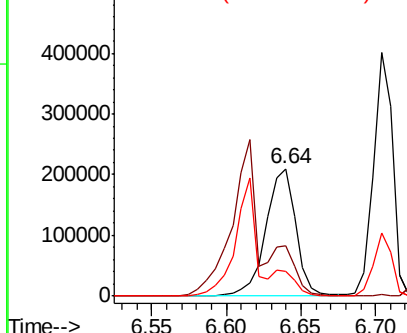
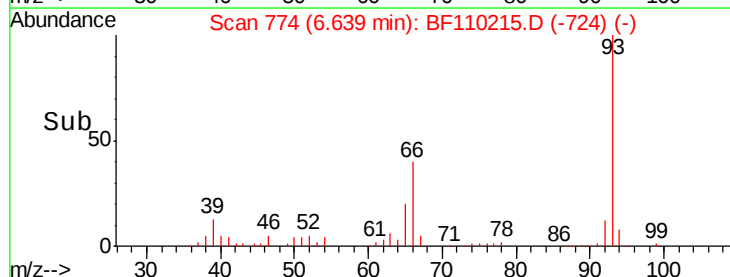
Lab File: BF110215.D

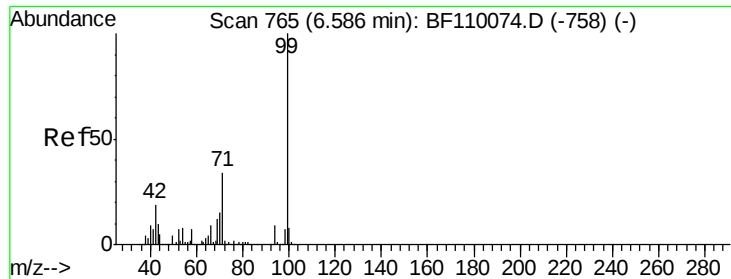
Acq: 26 Oct 2018 17:44

Tgt Ion:	93	Resp:	293266
Ion	Ratio	Lower	Upper
93	100		
66	39.6	67.4	101.0#
65	19.7	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.316 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

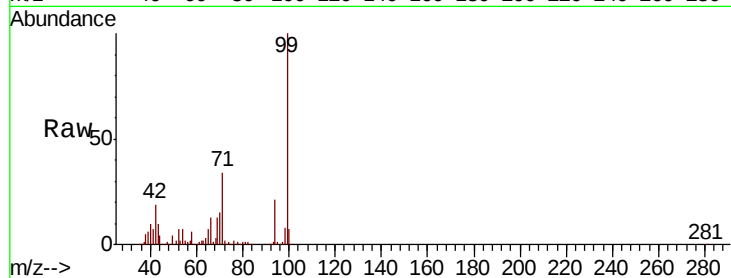
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1267887

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	33.9	28.0	42.0

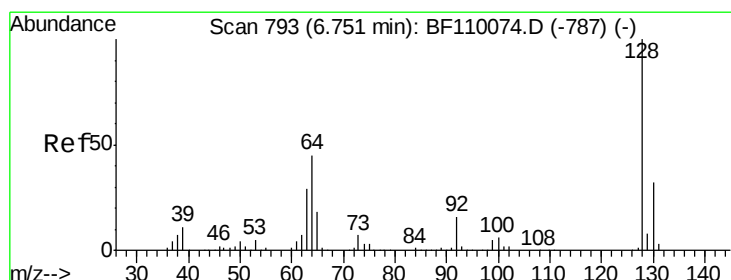
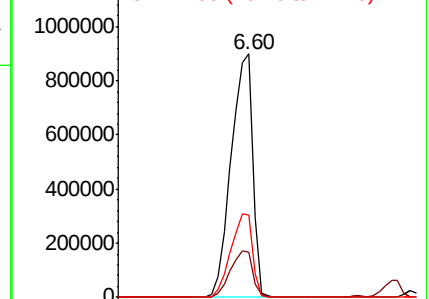
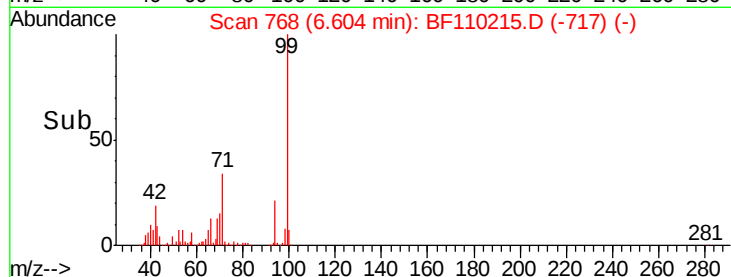


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.437 ng

RT: 6.76 min Scan# 794

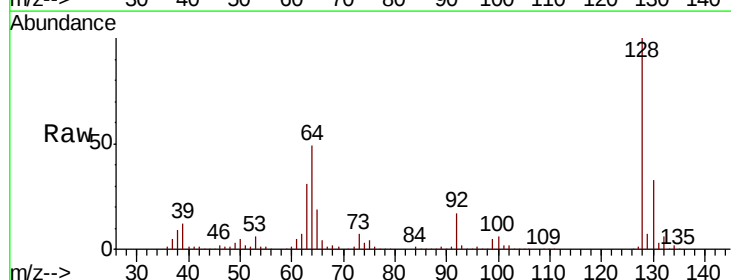
Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion: 128 Resp: 371271

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.1	53.1
64	48.7	26.0	66.0

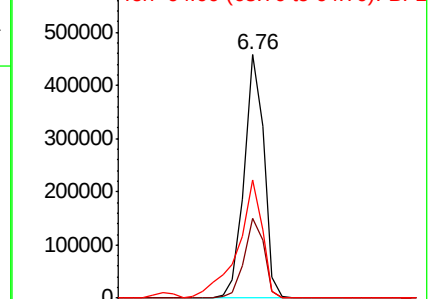
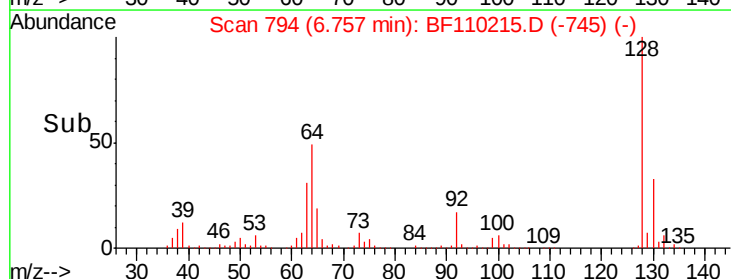


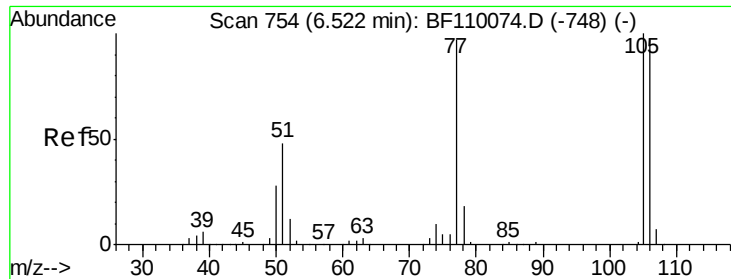
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.643 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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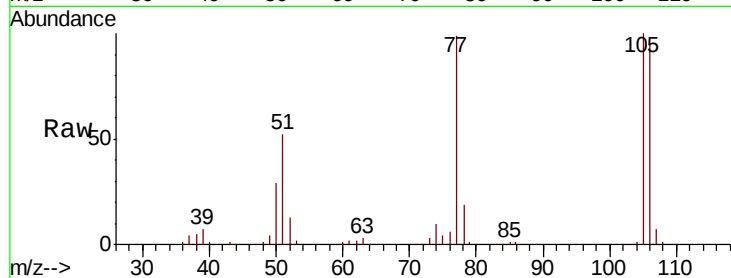
Tot Ion: 77 Resp: 176827

Ion Ratio Lower Upper

77 100

105 101.5 78.6 118.6

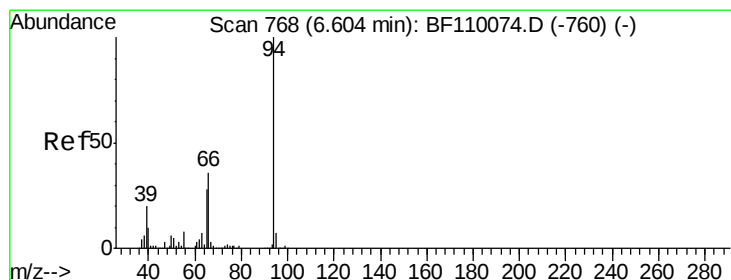
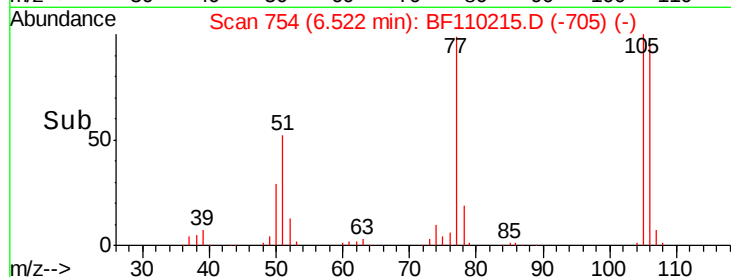
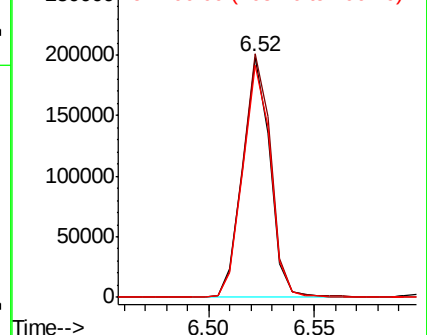
106 96.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 50.421 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

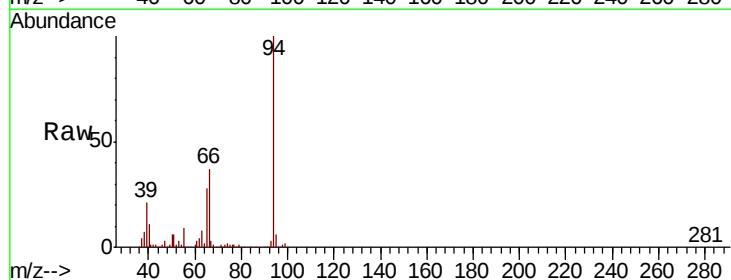
Tgt Ion: 94 Resp: 577555

Ion Ratio Lower Upper

94 100

65 28.0 25.3 65.3

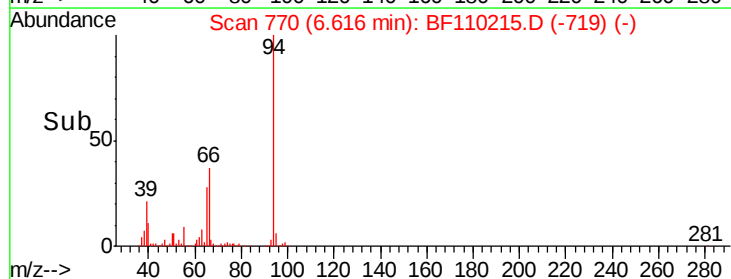
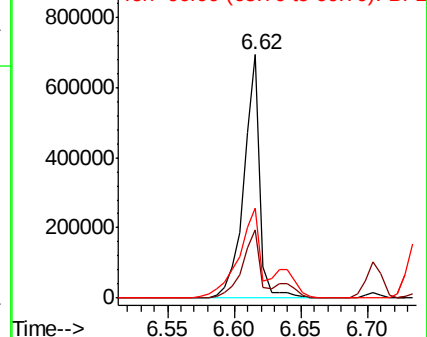
66 37.1 54.5 94.5#

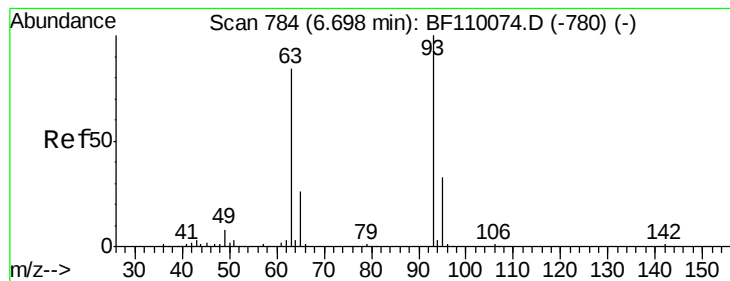


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.629 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

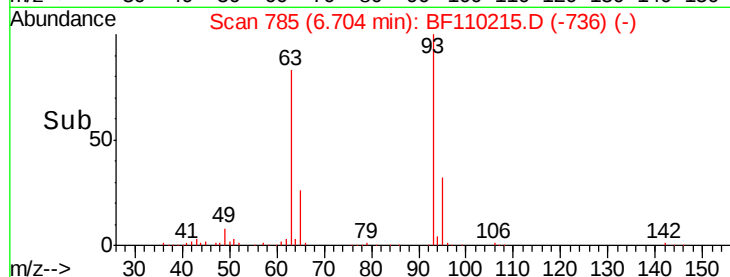
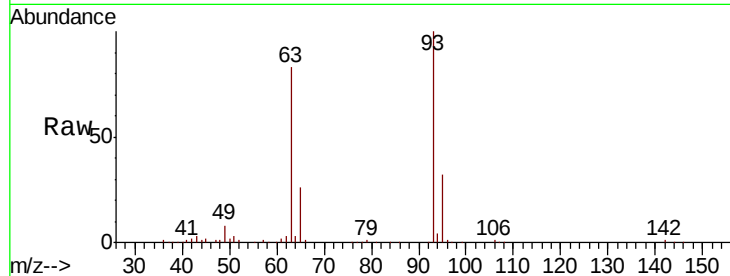
Tot Ion: 93 Resp: 345189

Ion Ratio Lower Upper

93 100

63 82.7 53.4 93.4

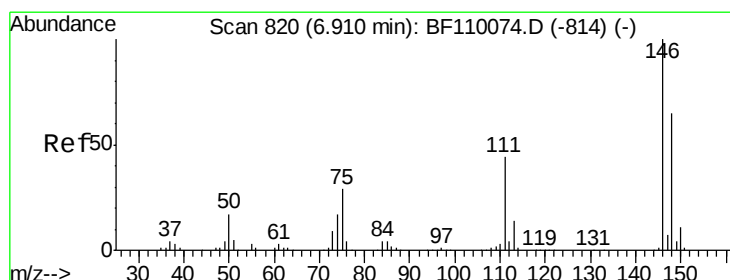
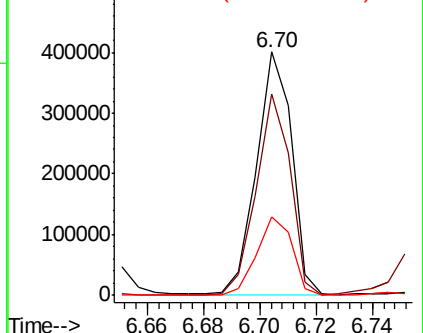
95 32.2 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.317 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

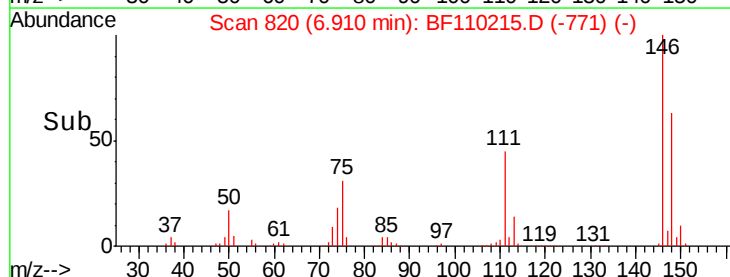
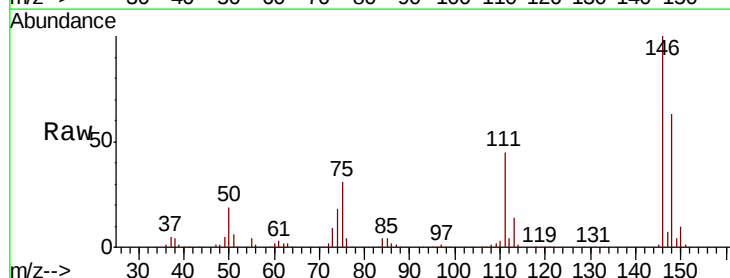
Tgt Ion: 146 Resp: 386037

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

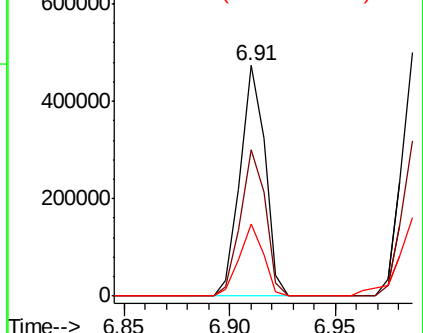
75 31.1 25.8 38.6

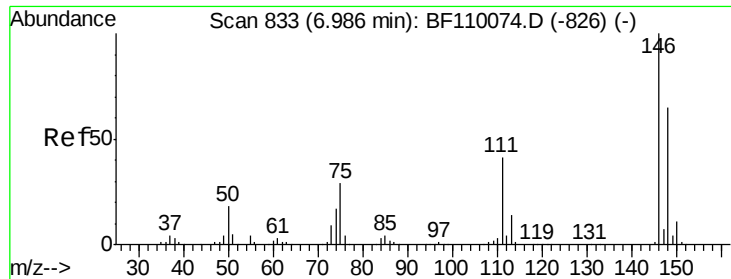


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

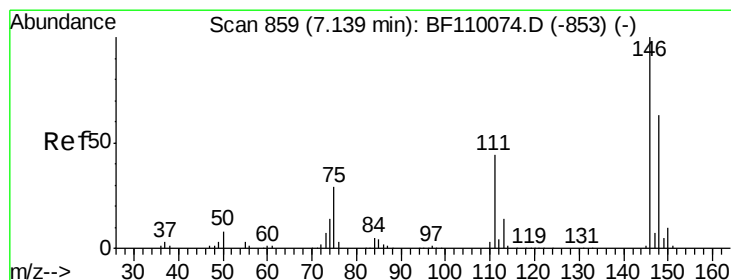
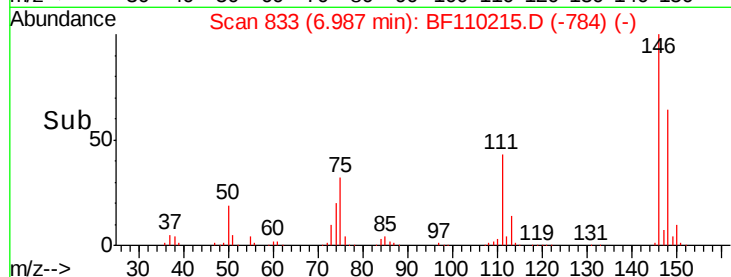
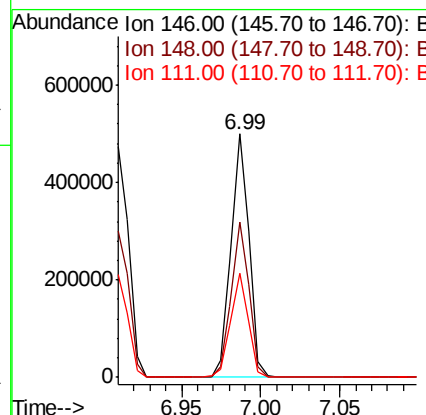
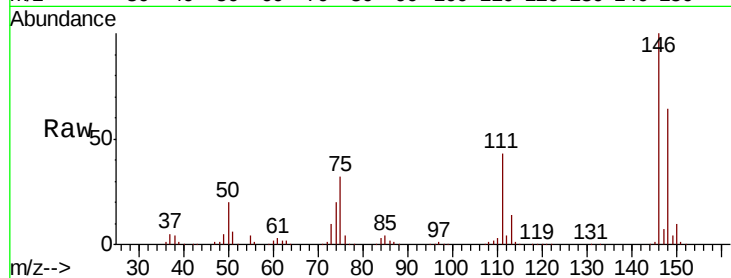




#13
 1,4-Dichlorobenzene
 Concen: 36.376 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

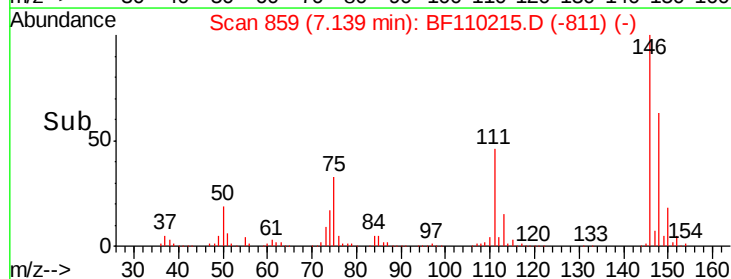
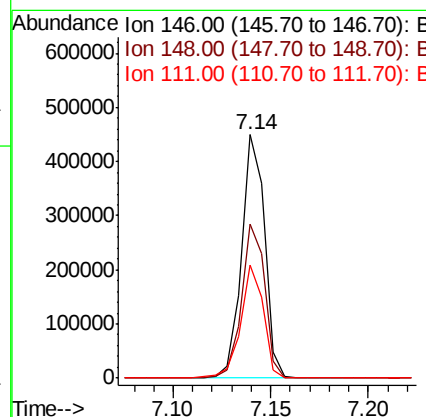
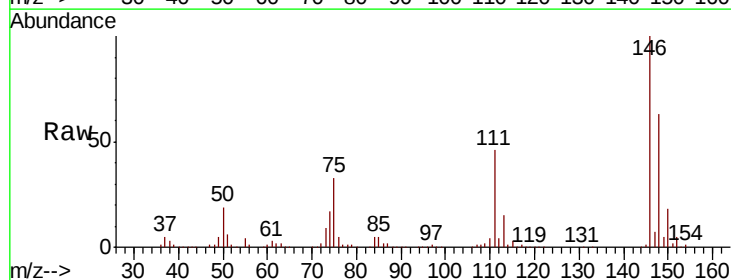
Instrument :
 BNA_F
 ClientSampleId :

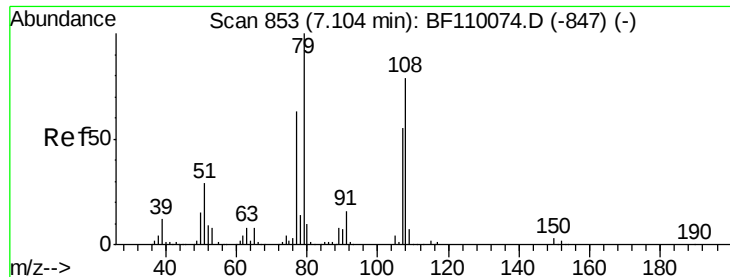
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.3	75.5
111	42.8	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 36.637 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	46.3	35.8	53.6





#15

Benzyl Alcohol

Concen: 39.130 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampled :

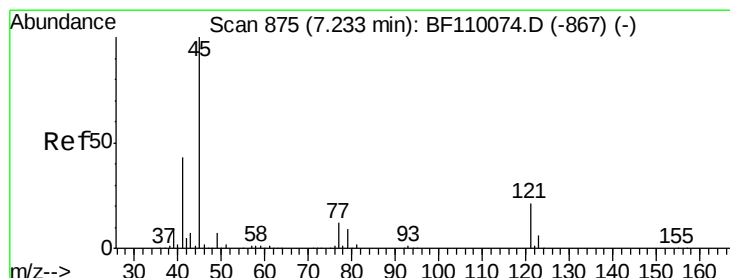
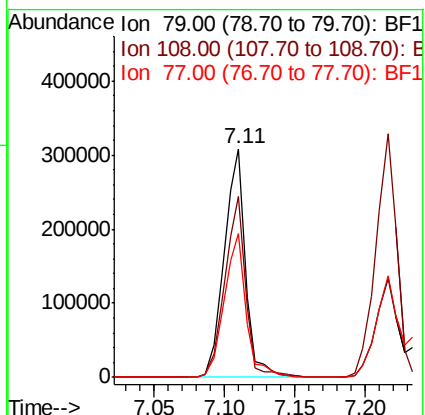
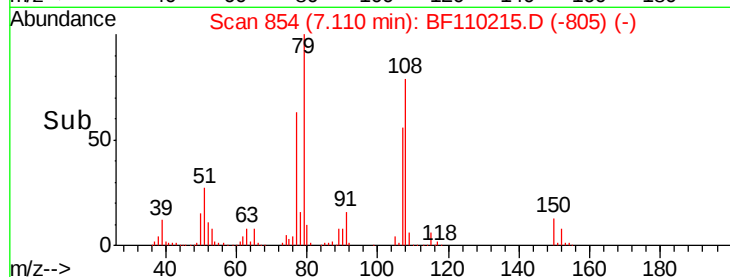
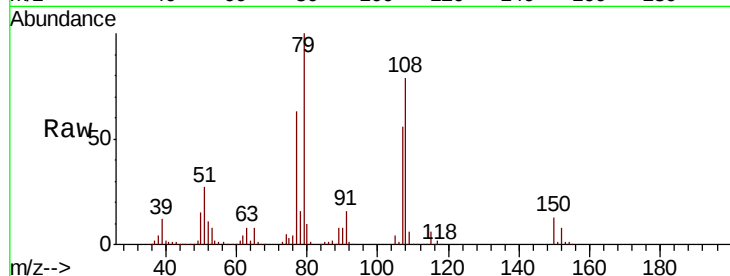
Tot Ion: 79 Resp: 322509

Ion Ratio Lower Upper

79 100

108 79.0 56.3 84.5

77 62.8 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.428 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

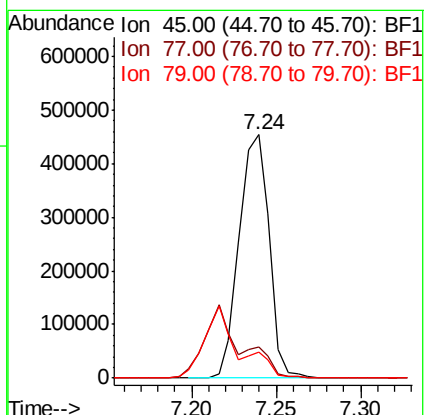
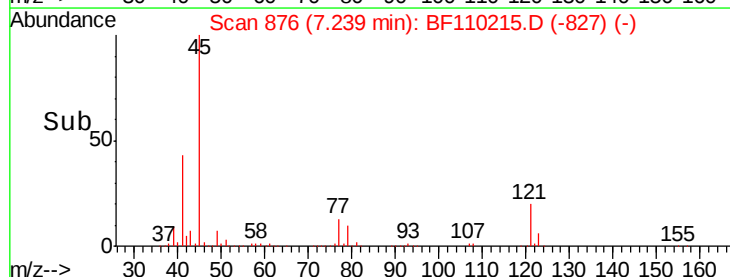
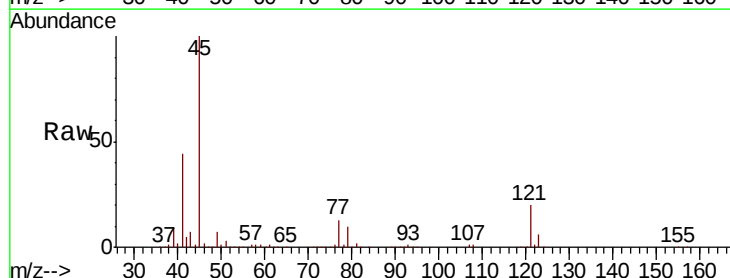
Tgt Ion: 45 Resp: 563966

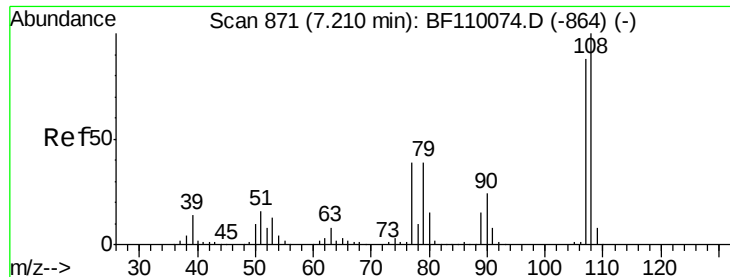
Ion Ratio Lower Upper

45 100

77 12.7 10.0 50.0

79 10.5 6.1 46.1





#17

2-Methylphenol

Concen: 38.954 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 299869

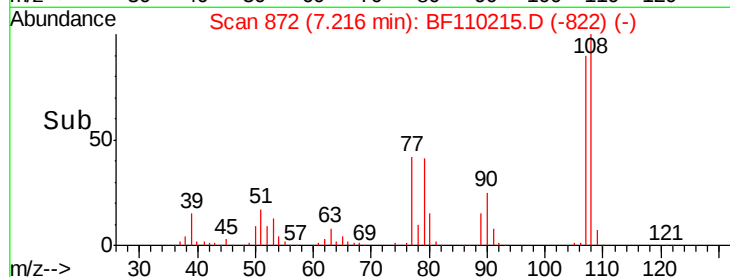
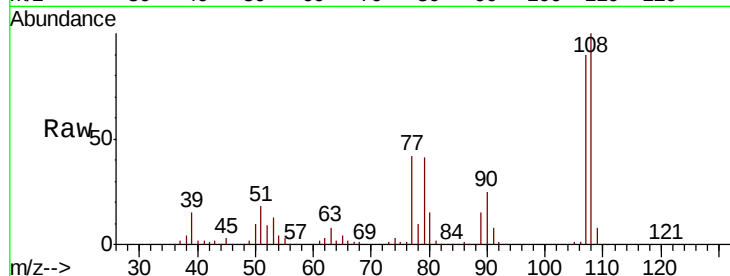
Ion Ratio Lower Upper

107 100

108 111.5 92.6 138.8

77 46.5 59.4 89.2#

79 45.6 54.0 81.0#

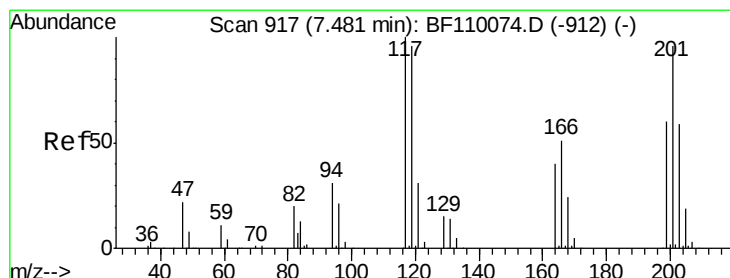
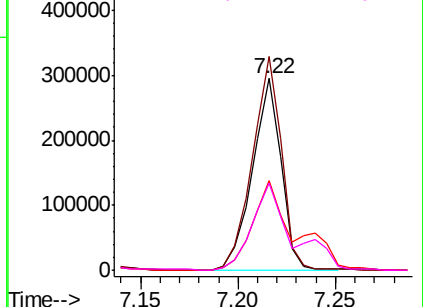


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.536 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

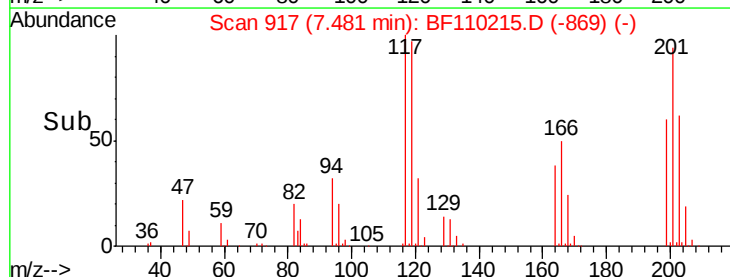
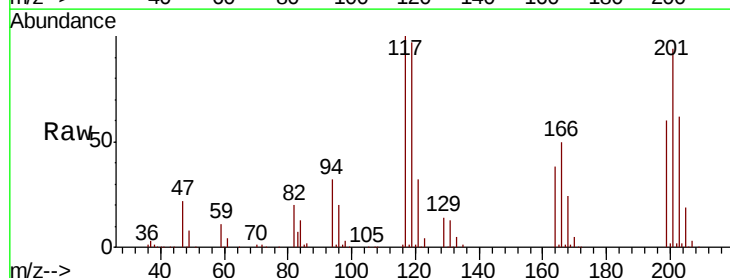
Tgt Ion:117 Resp: 128060

Ion Ratio Lower Upper

117 100

119 97.1 75.0 112.6

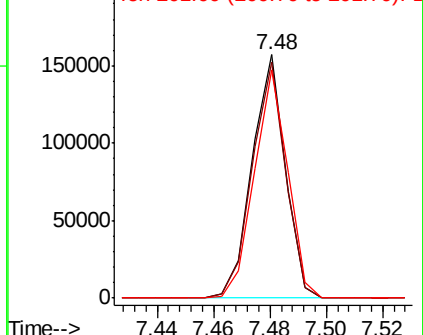
201 93.7 79.2 118.8

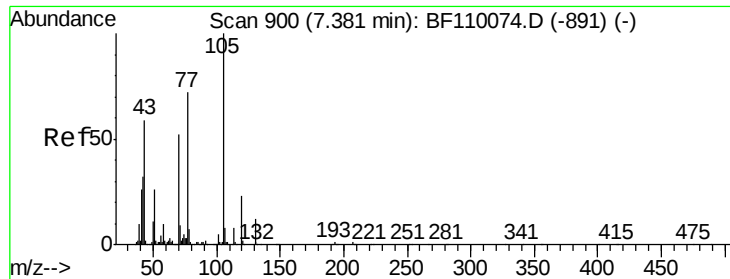


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

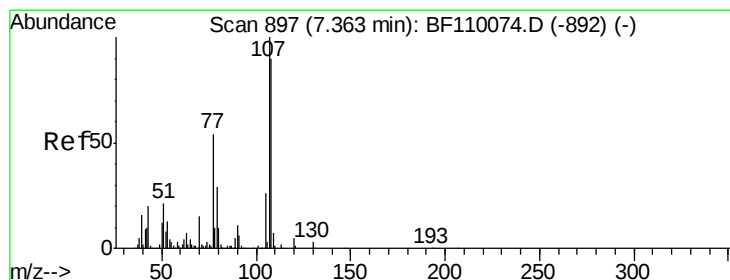
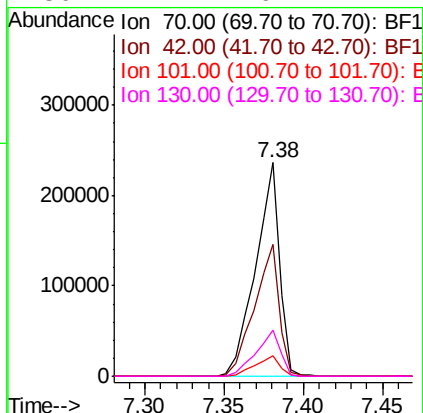
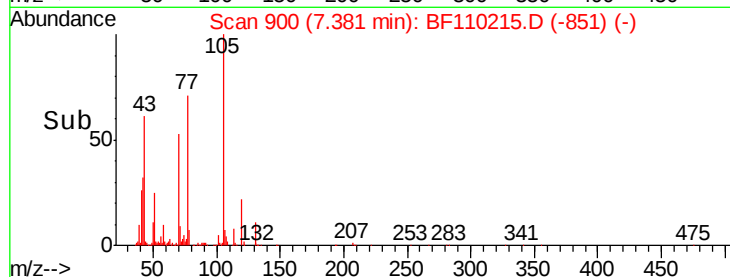
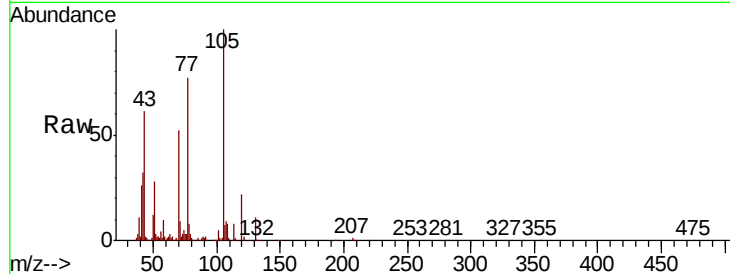




#19
n-Nitroso-di-n-propylamine
Concen: 36.568 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

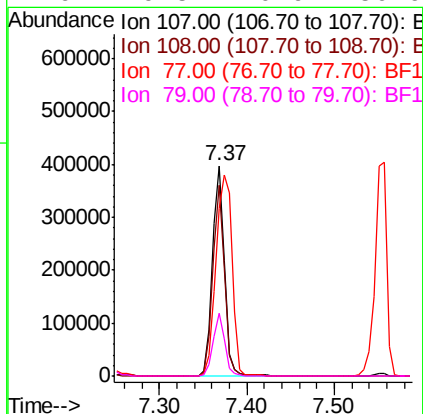
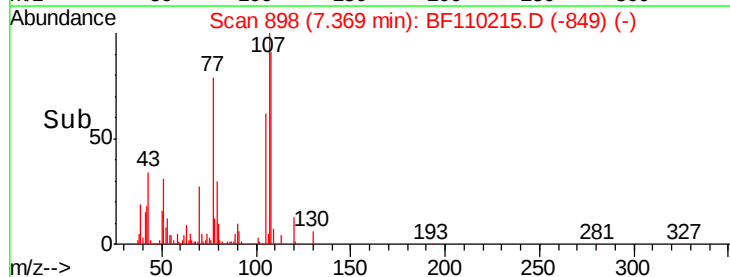
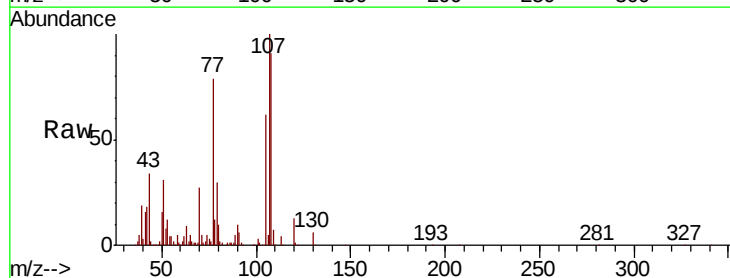
Instrument :
BNA_F
ClientSampleId :

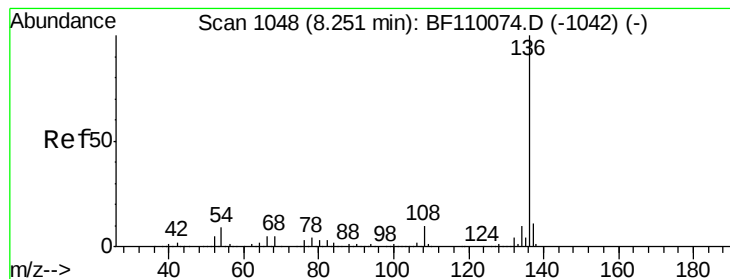
Tot Ion:	70	Resp:	251399
Ion	Ratio	Lower	Upper
70	100		
42	61.6	47.4	71.2
101	9.6	7.3	10.9
130	21.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.394 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:	107	Resp:	382038
Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.4	111.4
77	79.5	47.3	87.3
79	29.5	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 519990

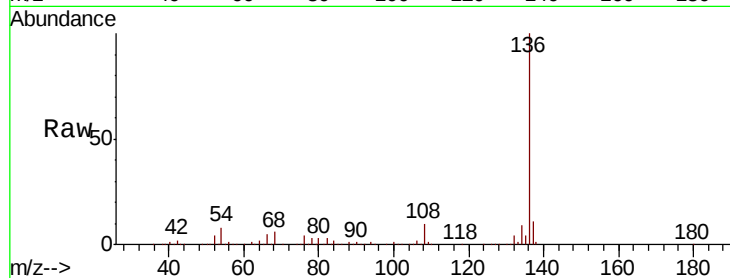
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.1 5.4 8.2

68 5.5 4.2 6.2

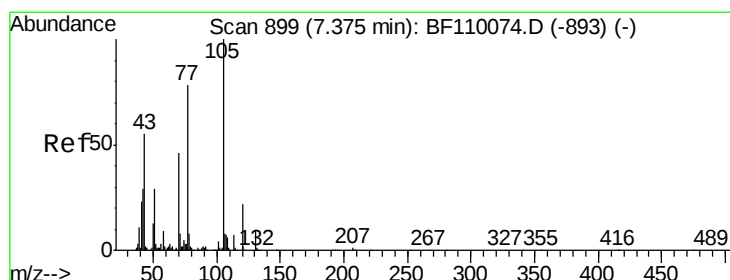
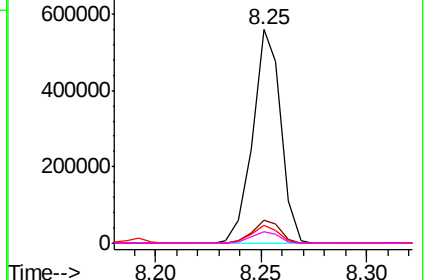
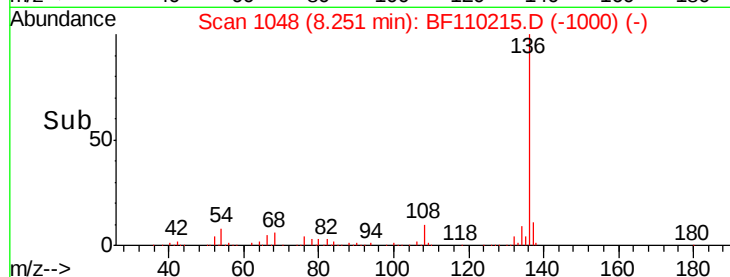


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.917 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:105 Resp: 502242

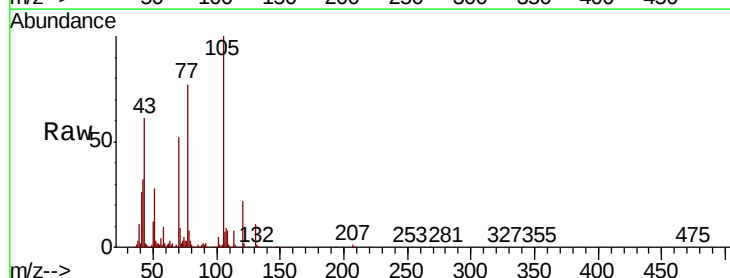
Ion Ratio Lower Upper

105 100

71 8.5 5.2 7.8#

51 28.1 21.8 32.8

120 22.3 17.0 25.4

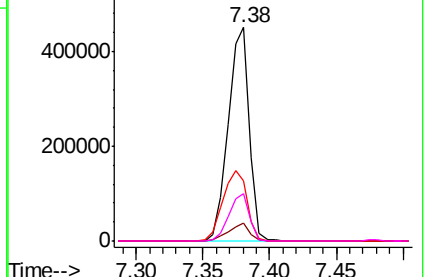
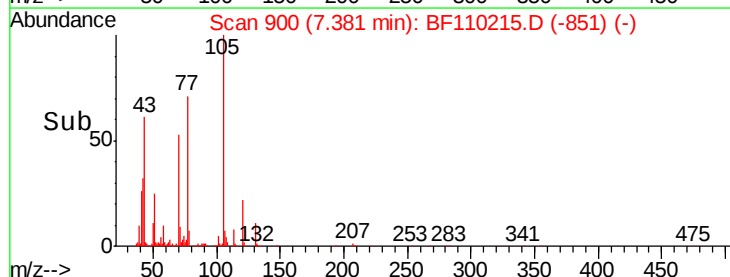


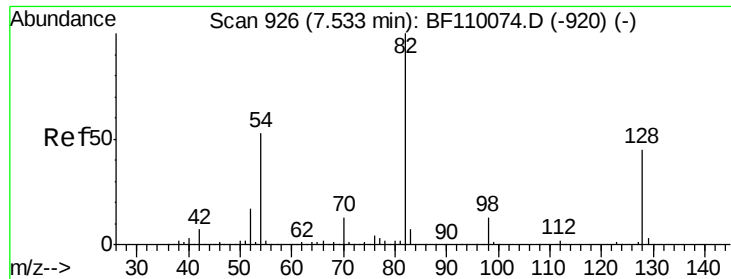
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

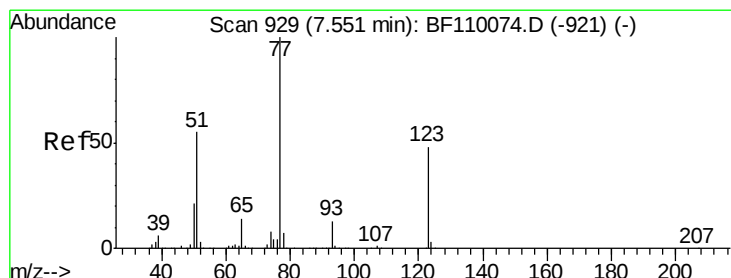
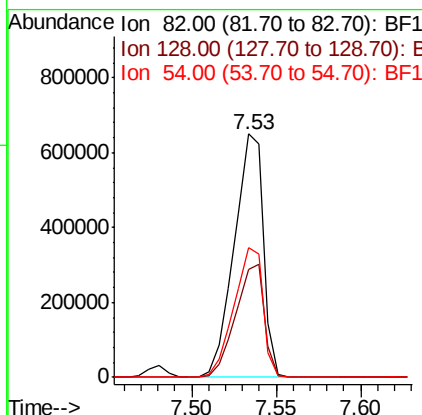
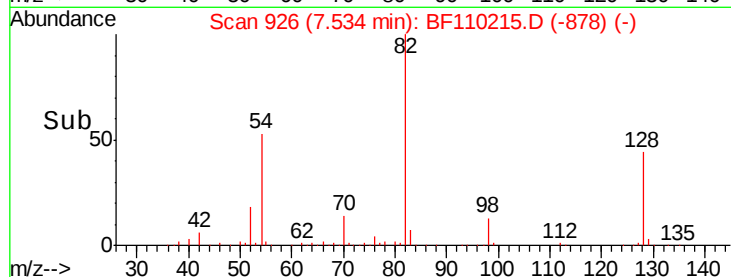
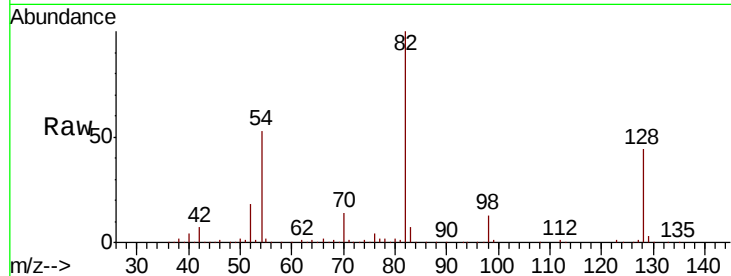




#23
Nitrobenzene-d5
Concen: 88.934 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

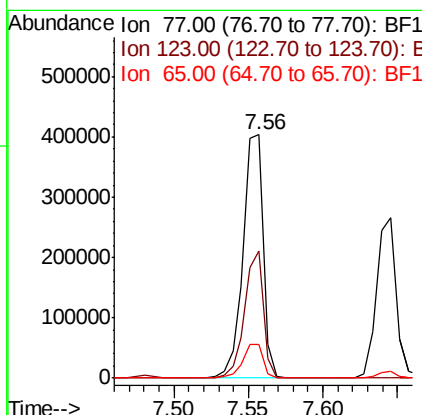
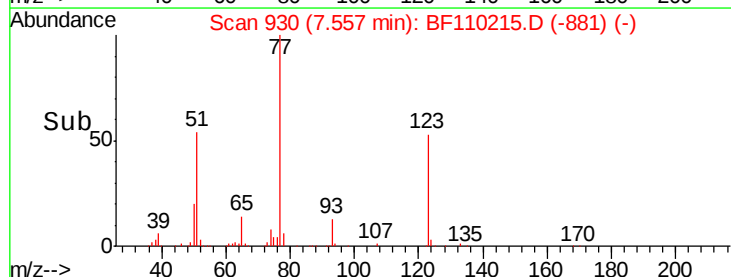
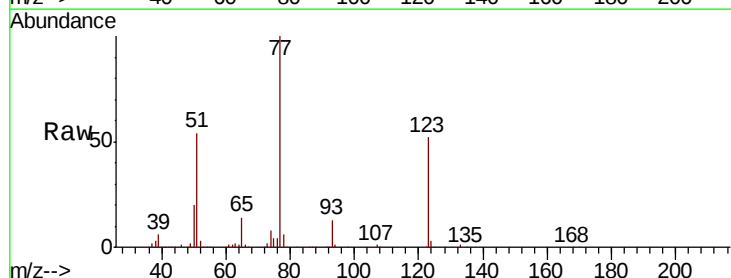
Instrument :
BNA_F
ClientSampleId :

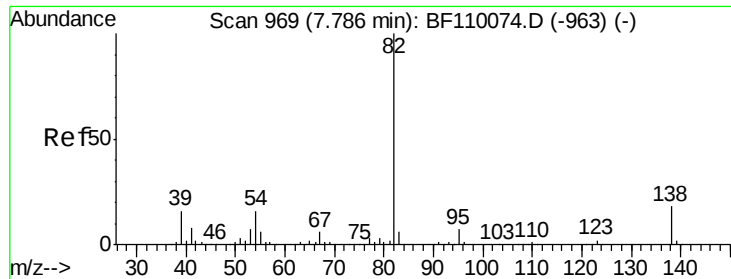
Tot Ion	82	Resp	779672
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.2	51.2
54	53.0	38.6	58.0



#24
Nitrobenzene
Concen: 41.753 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	77	Resp	377910
Ion Ratio	Lower	Upper	
77	100		
123	52.4	35.7	53.5
65	14.0	10.7	16.1





#25

Isophorone

Concen: 45.608 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

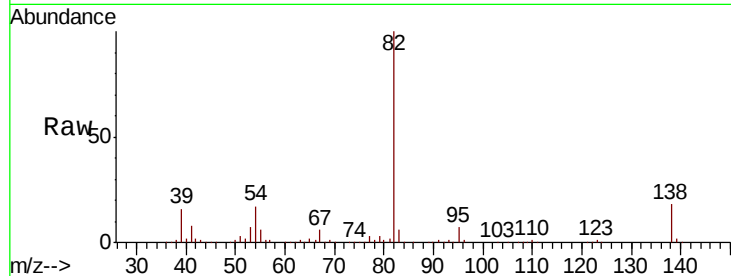
Tot Ion: 82 Resp: 681572

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

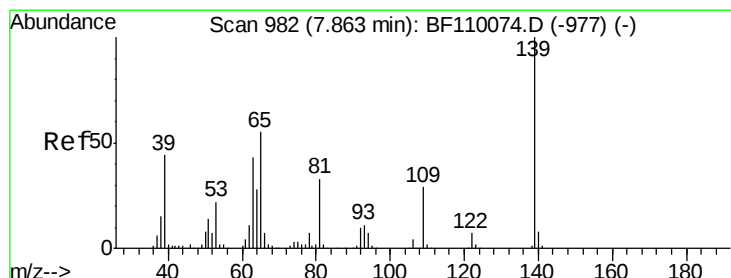
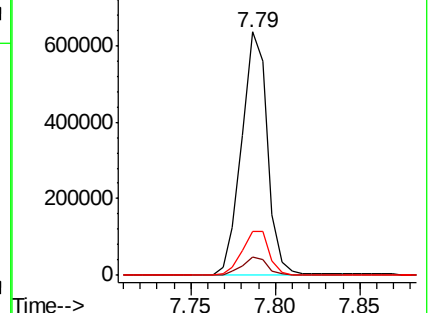
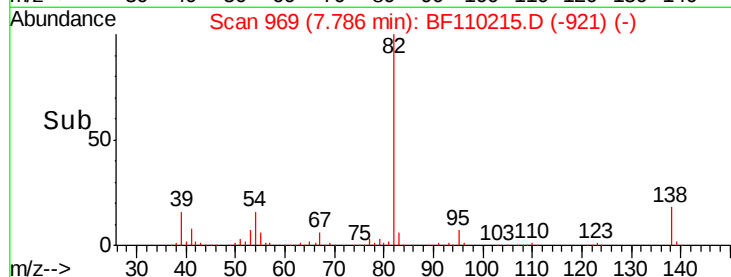
138 18.0 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.961 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

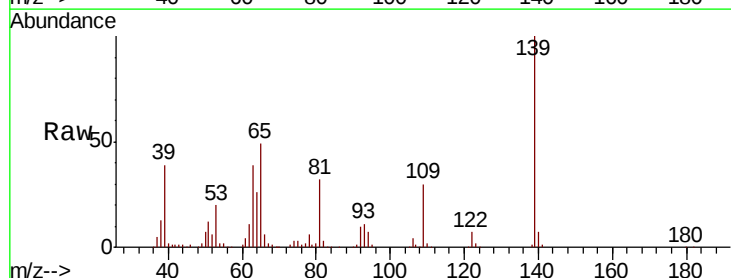
Tgt Ion: 139 Resp: 176425

Ion Ratio Lower Upper

139 100

109 29.6 25.0 37.6

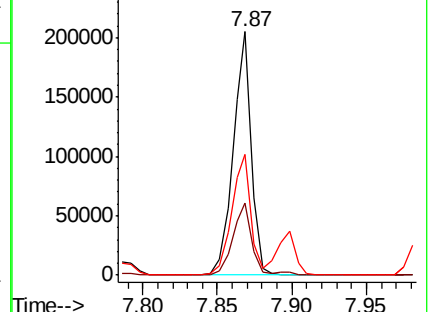
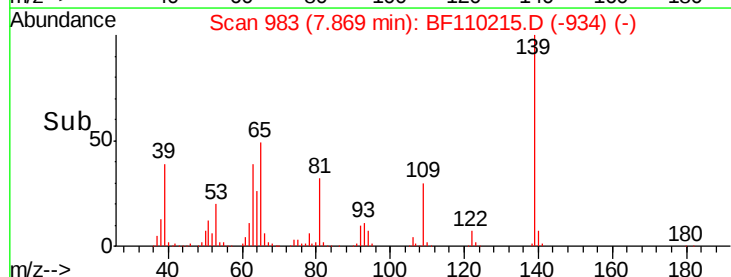
65 49.3 44.0 66.0

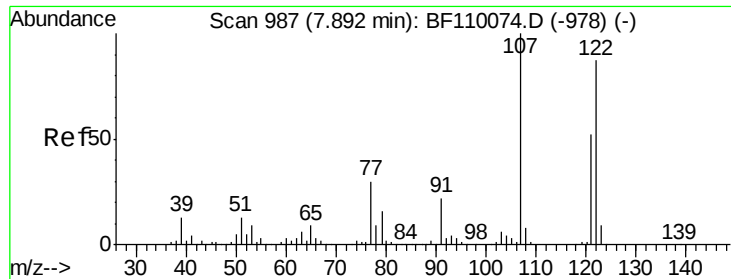


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

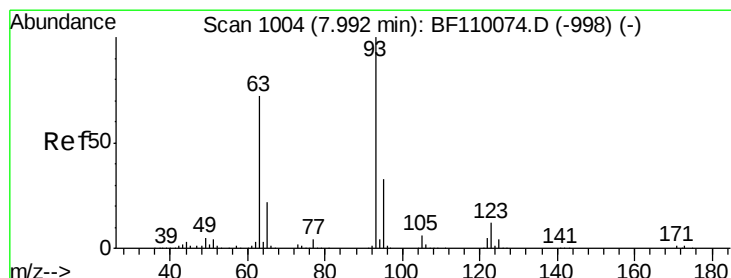
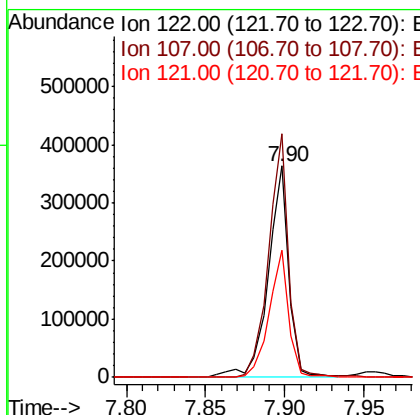
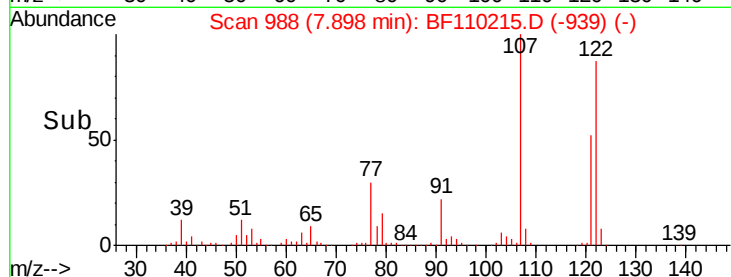
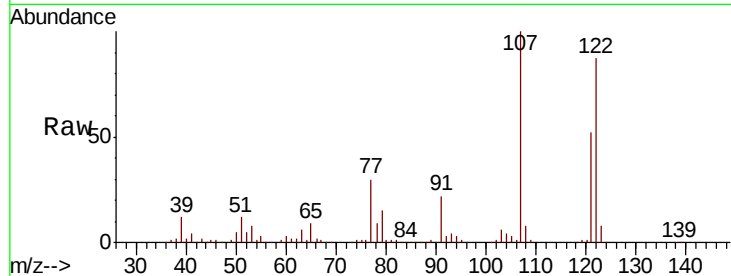




#27
2,4-Dimethylphenol
Concen: 46.744 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

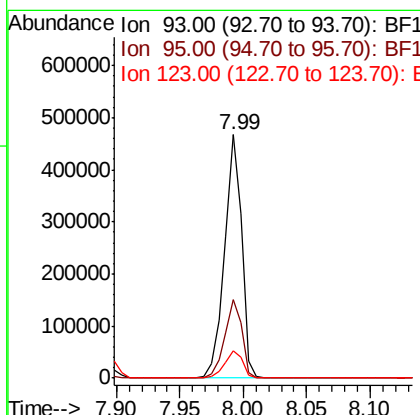
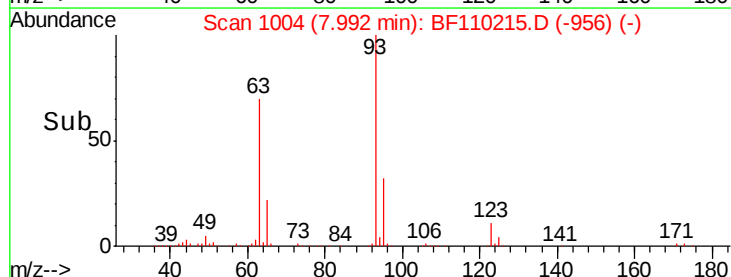
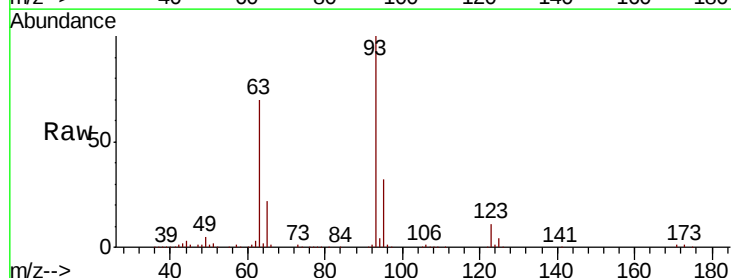
Instrument :
BNA_F
ClientSampleId :

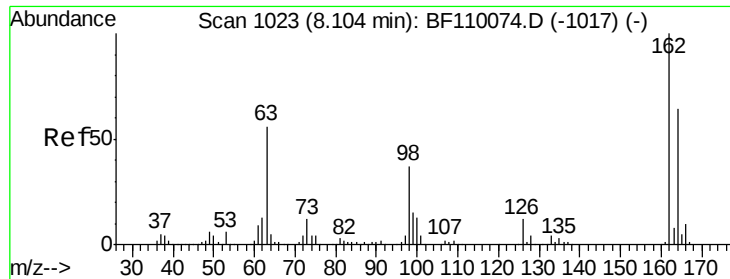
Tot Ion:122 Resp: 333798
Ion Ratio Lower Upper
122 100
107 115.1 92.5 138.7
121 60.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.117 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion: 93 Resp: 437726
Ion Ratio Lower Upper
93 100
95 32.1 26.4 39.6
123 11.3 9.0 13.6

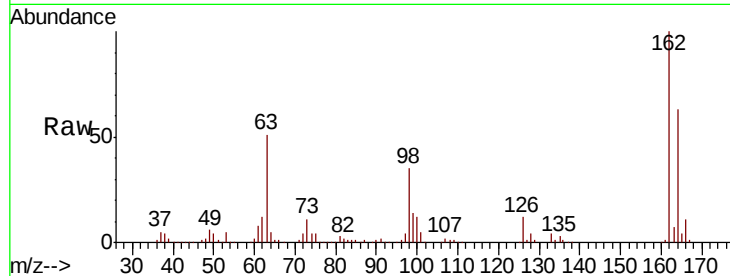




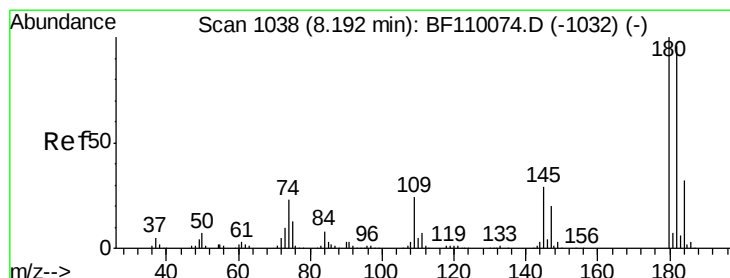
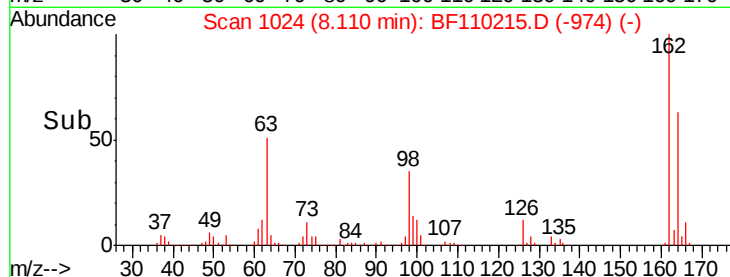
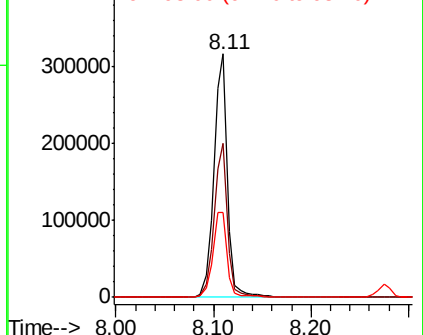
#29
2,4-Dichlorophenol
Concen: 41.876 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	162	Resp	302110
Ion Ratio	100		
Lower	44.6		
Upper	84.6		
164	63.3		
98	35.0		
	17.4		

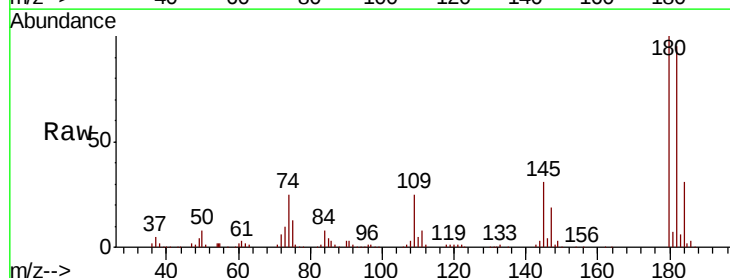


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

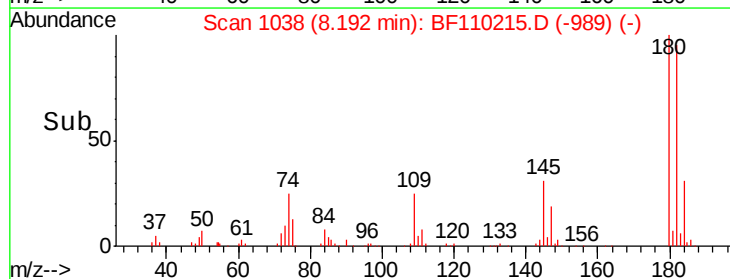
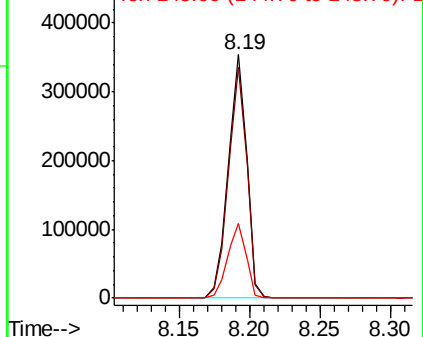


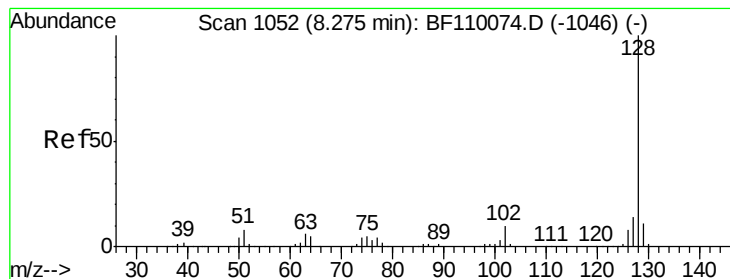
#30
1,2,4-Trichlorobenzene
Concen: 39.677 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	180	Resp	320632
Ion Ratio	100		
Lower	80.3		
Upper	120.5		
182	94.9		
145	30.9		
	25.4		



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.034 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

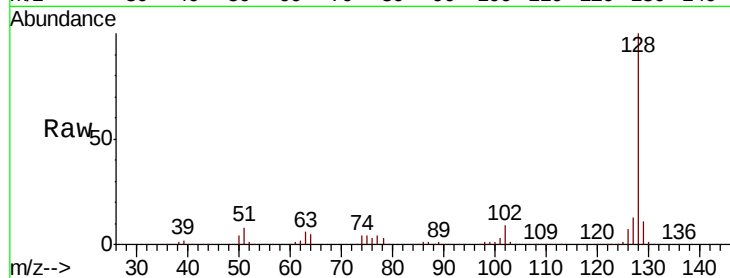
Tot Ion:128 Resp: 1031347

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

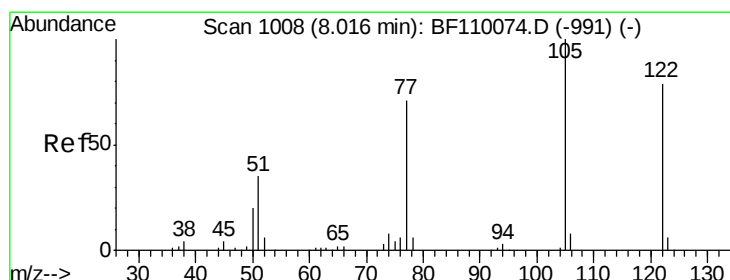
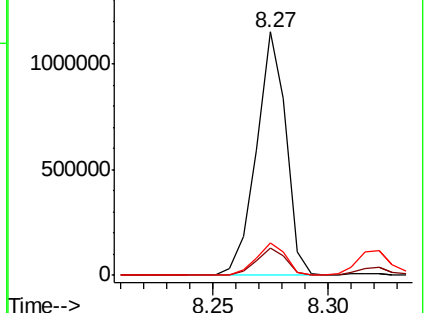
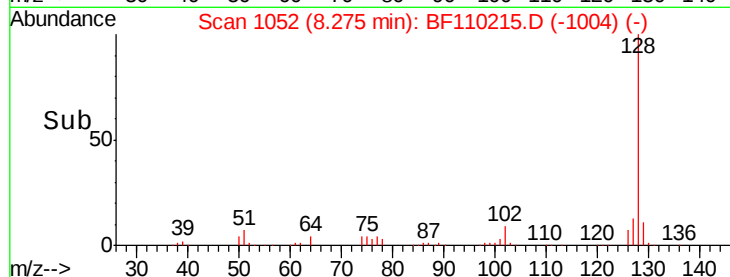
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.464 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

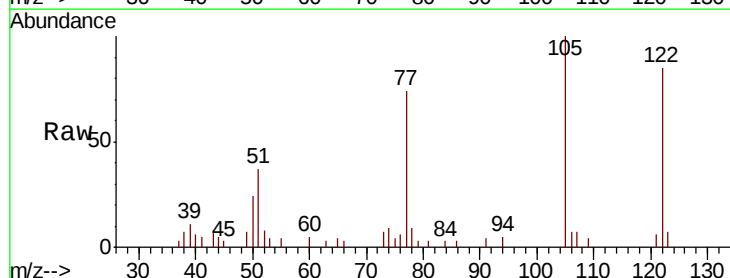
Tgt Ion:122 Resp: 13599

Ion Ratio Lower Upper

122 100

105 117.6 109.0 149.0

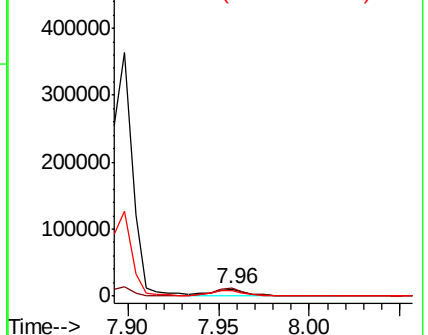
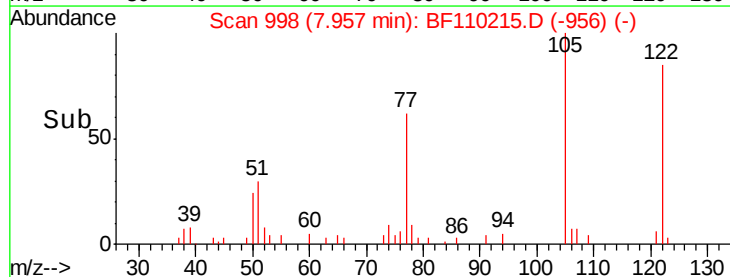
77 86.6 79.0 119.0

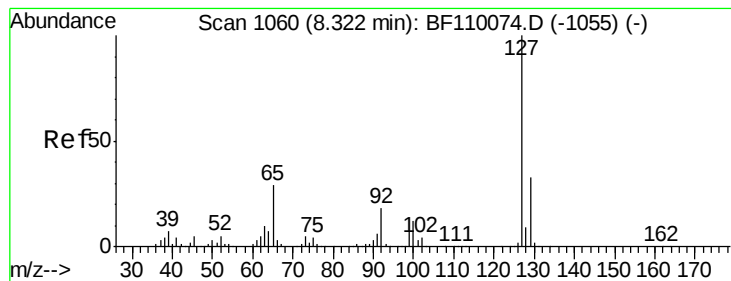


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 12.348 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 133190

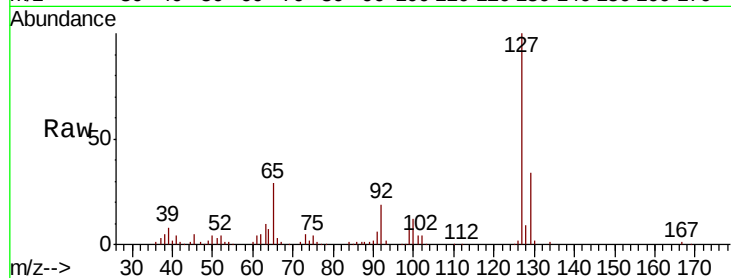
Ion Ratio Lower Upper

127 100

129 33.6 26.0 39.0

65 28.9 25.1 37.7

92 19.3 15.0 22.6

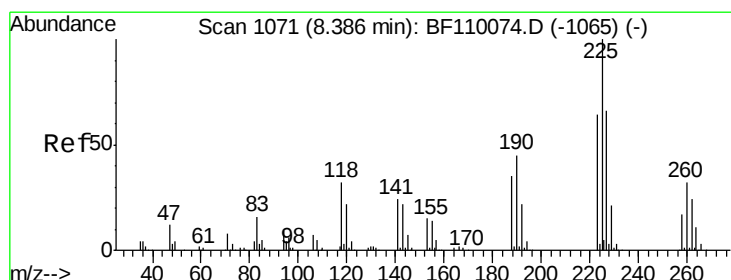
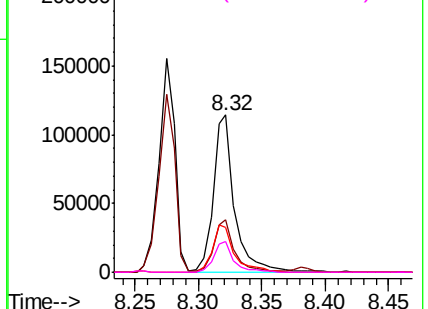
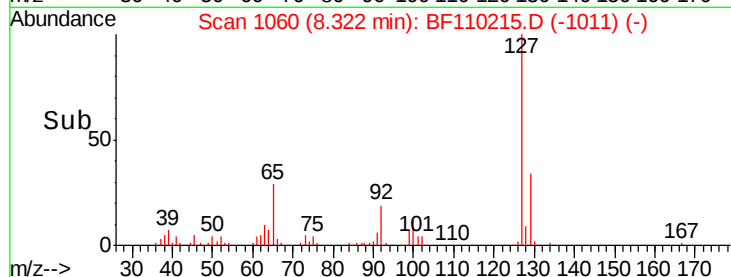


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 38.953 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

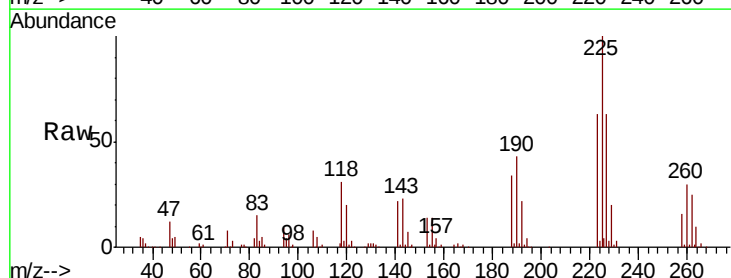
Tgt Ion:225 Resp: 174778

Ion Ratio Lower Upper

225 100

223 62.5 51.4 77.2

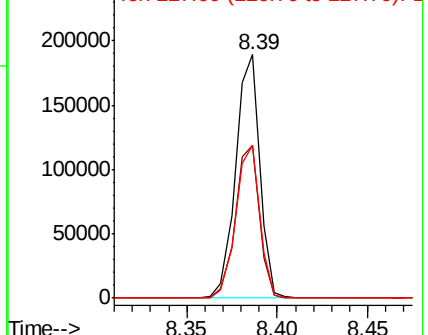
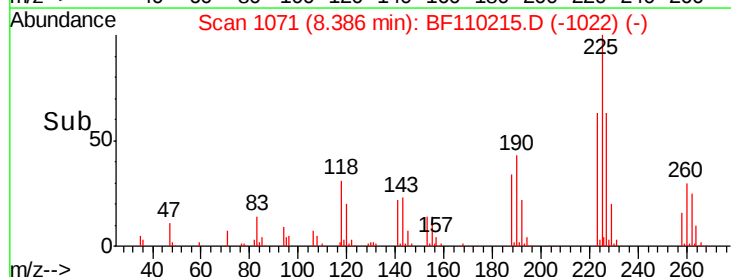
227 62.9 51.0 76.6

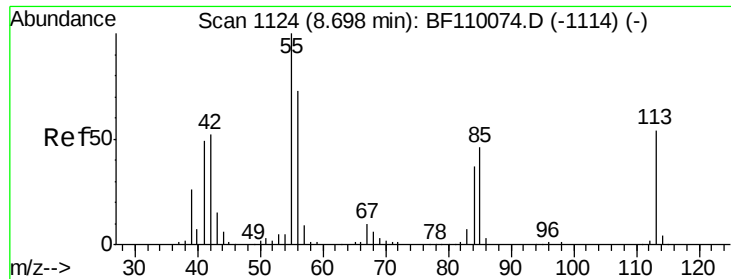


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

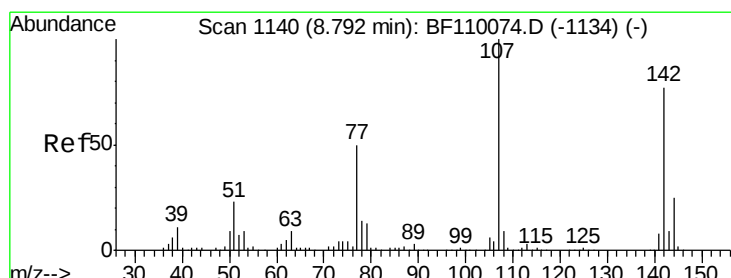
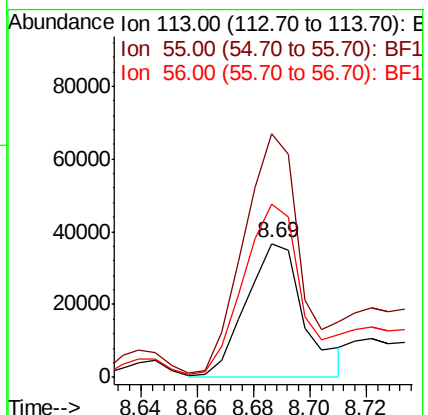
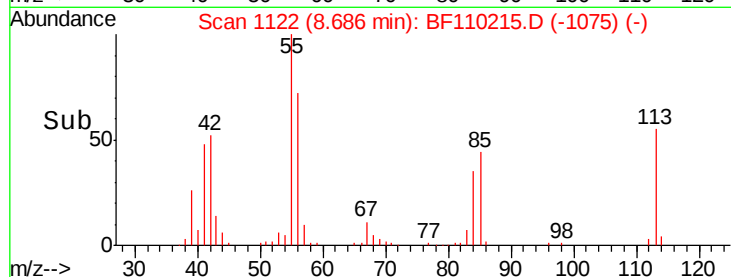
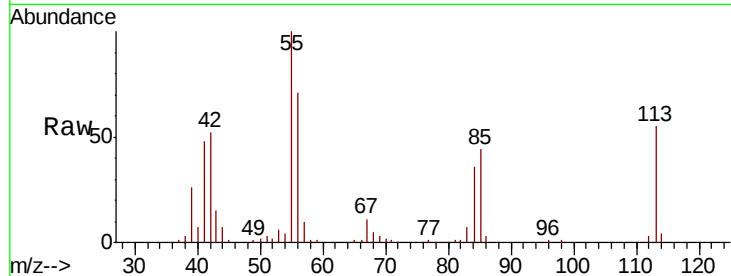




#35
Caprolactam
Concen: 20.942 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

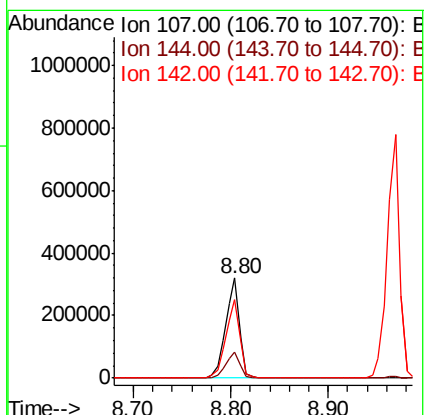
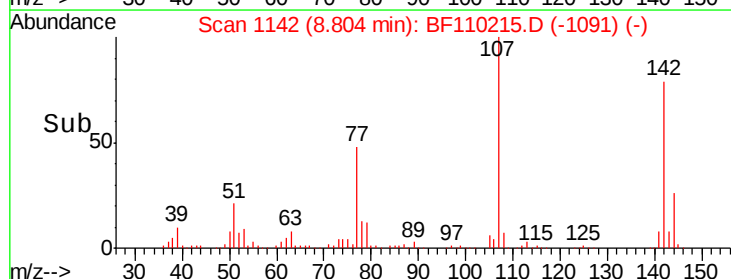
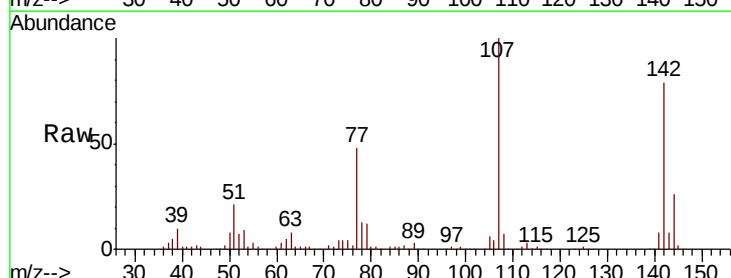
Instrument :
BNA_F
ClientSampled :

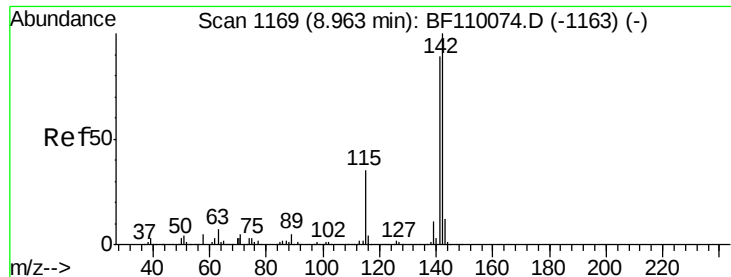
Tot Ion:113 Resp: 52659
Ion Ratio Lower Upper
113 100
55 182.1 142.8 182.8
56 129.6 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 39.999 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:107 Resp: 312048
Ion Ratio Lower Upper
107 100
144 25.6 20.0 30.0
142 78.8 59.7 89.5

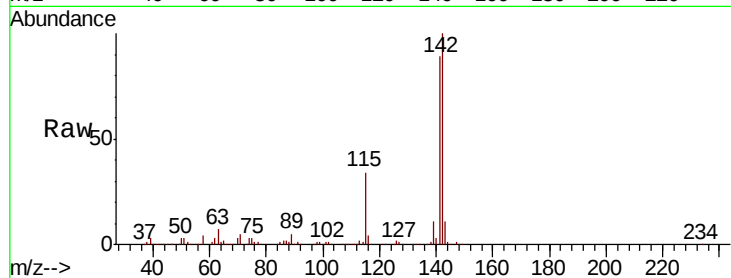




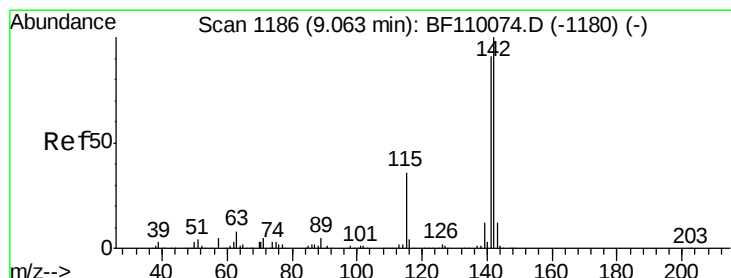
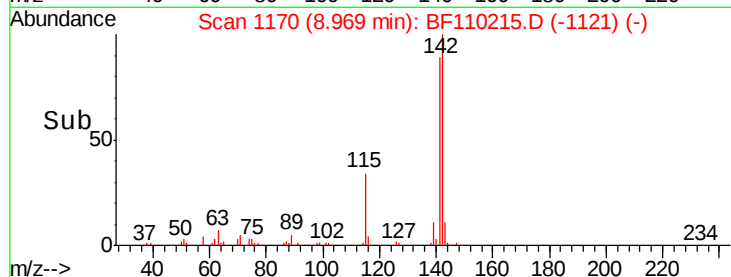
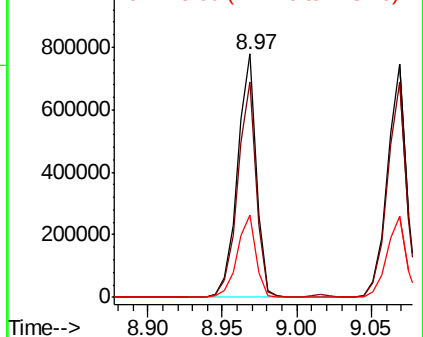
#37
 2-Methylnaphthalene
 Concen: 43.377 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	33.9	28.7	43.1

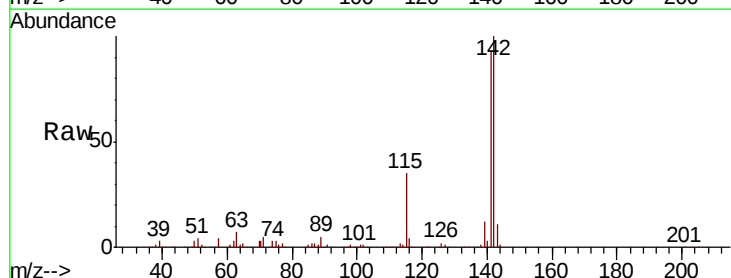


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

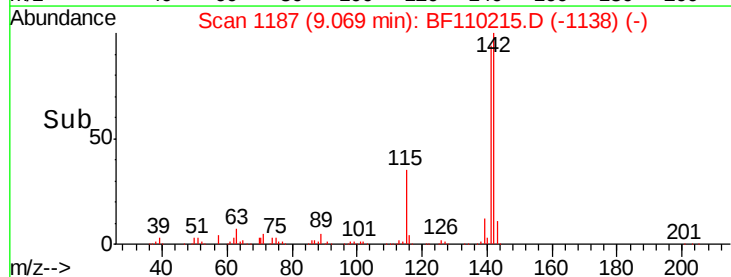
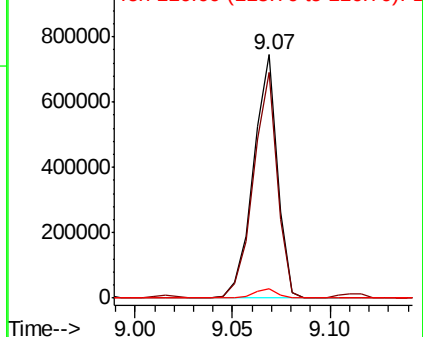


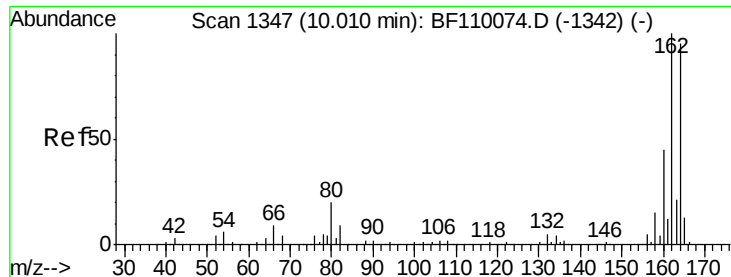
#38
 1-Methylnaphthalene
 Concen: 41.457 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	3.6	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

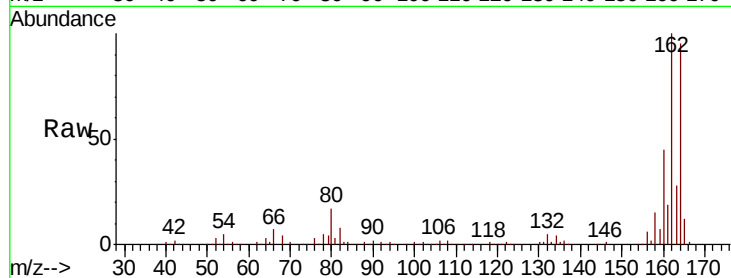
Tot Ion:164 Resp: 214257

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

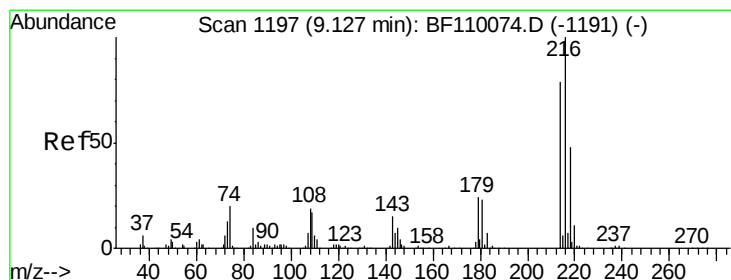
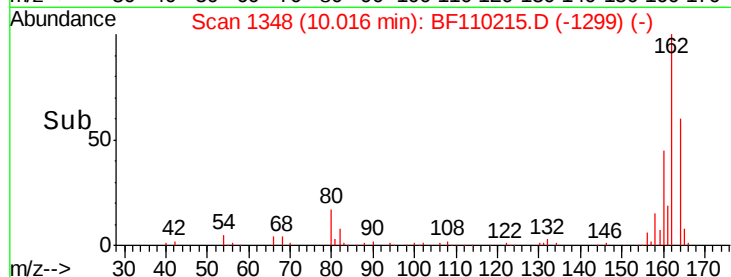
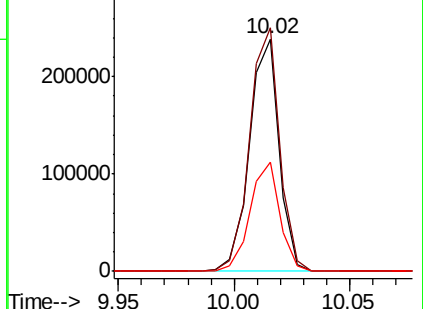
160 47.1 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.343 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:216 Resp: 282670

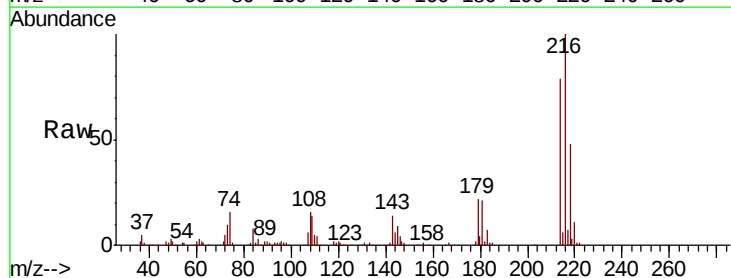
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 23.2 16.6 25.0

108 18.8 15.1 22.7

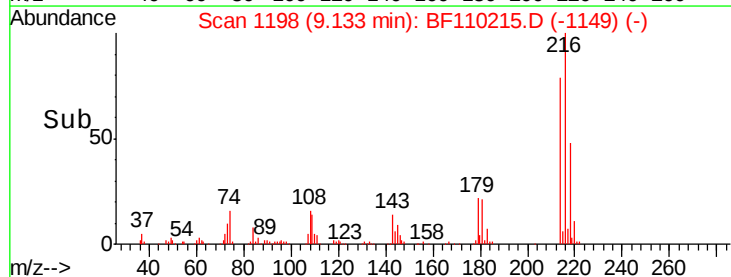
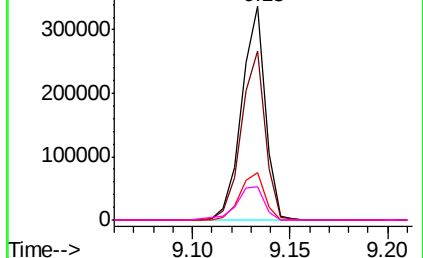


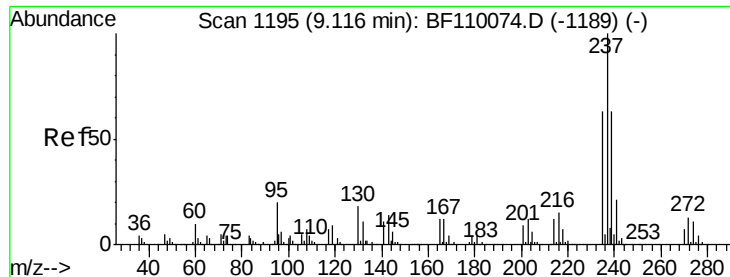
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 30.277 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampled :

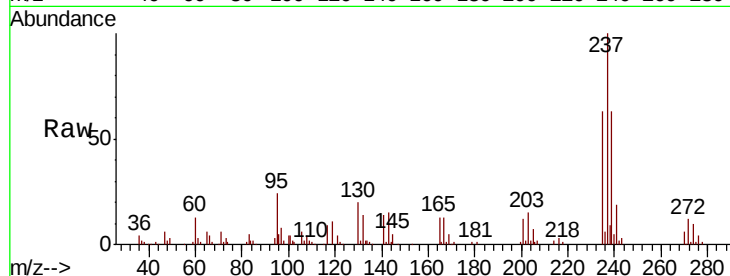
Tot Ion:237 Resp: 103353

Ion Ratio Lower Upper

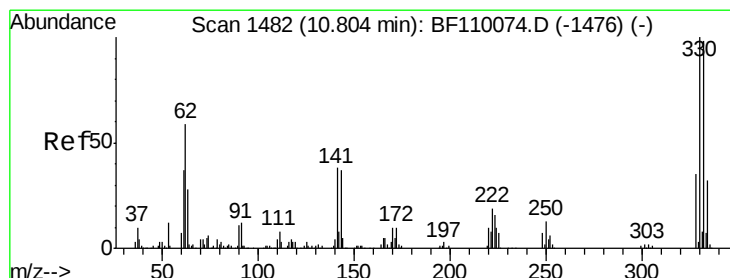
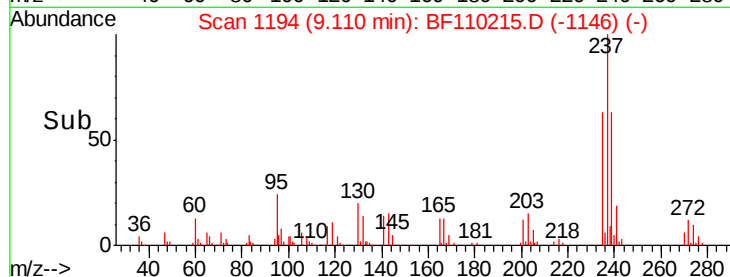
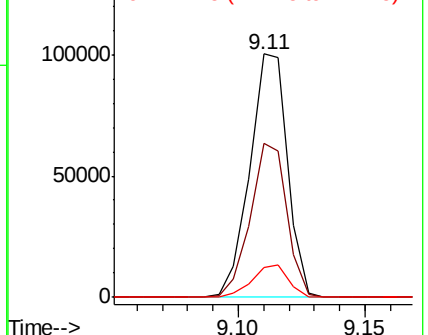
237 100

235 63.2 43.1 83.1

272 12.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.814 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

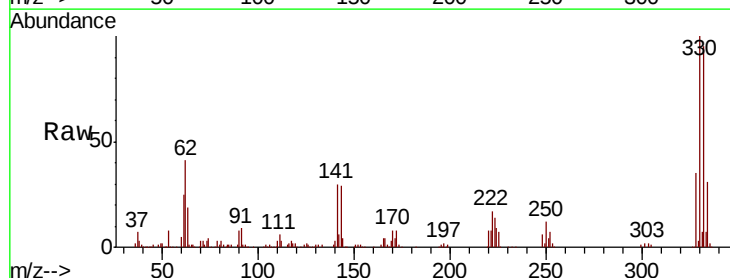
Tgt Ion:330 Resp: 235187

Ion Ratio Lower Upper

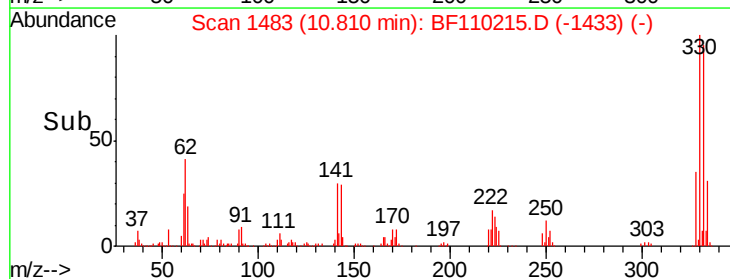
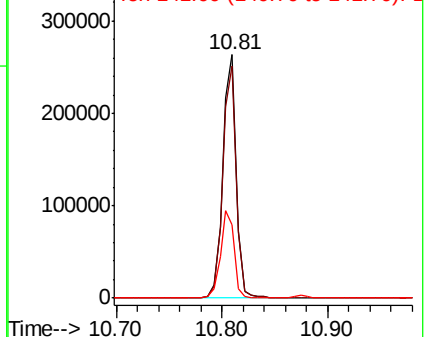
330 100

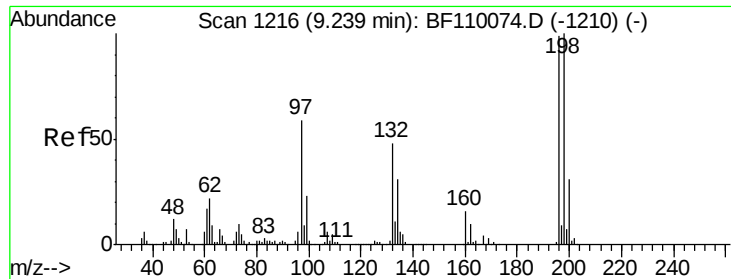
332 95.9 77.1 115.7

141 36.9 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 44.111 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampled :

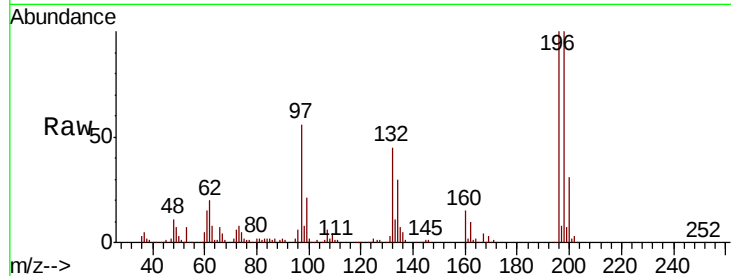
Tot Ion:196 Resp: 189936

Ion Ratio Lower Upper

196 100

198 99.8 76.2 114.4

200 31.5 24.4 36.6

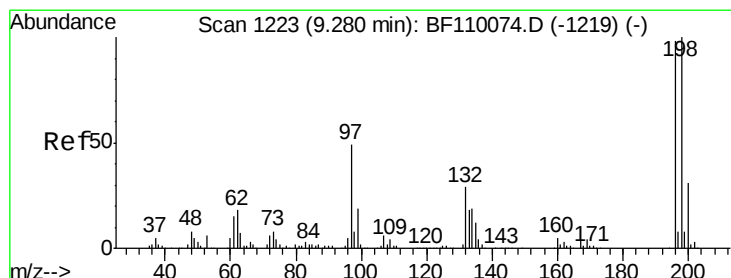
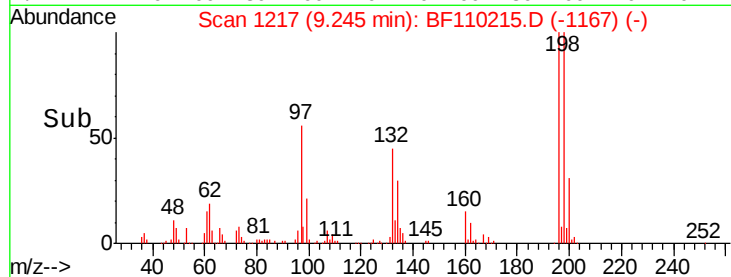
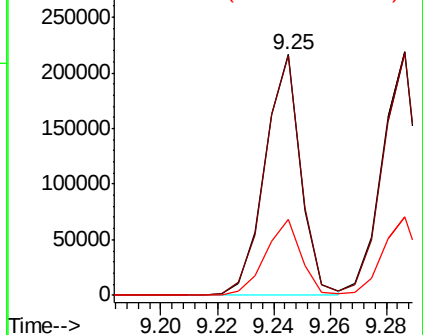


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.423 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Tgt Ion:196 Resp: 197637

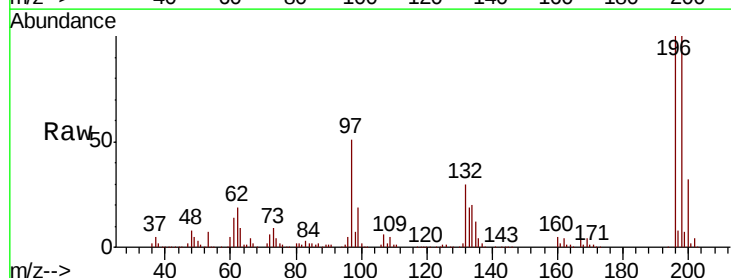
Ion Ratio Lower Upper

196 100

198 99.6 75.8 113.6

97 50.7 42.4 63.6

132 30.0 22.8 34.2



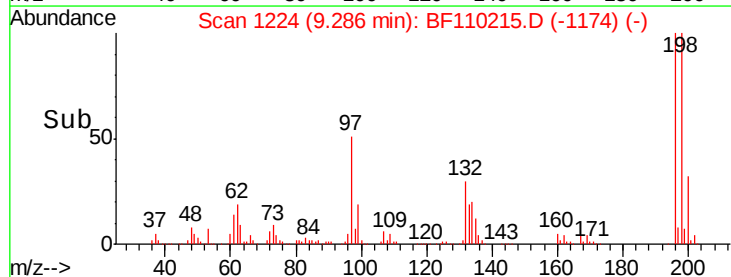
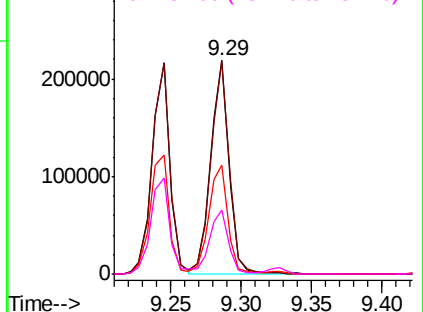
Abundance

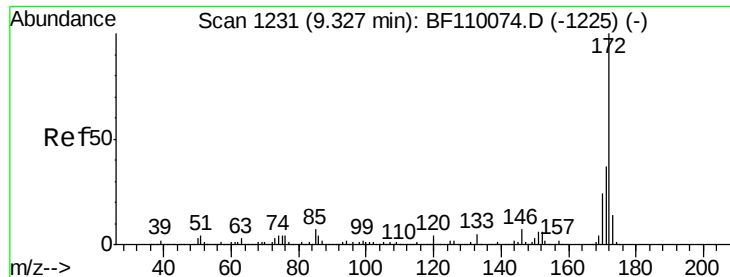
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

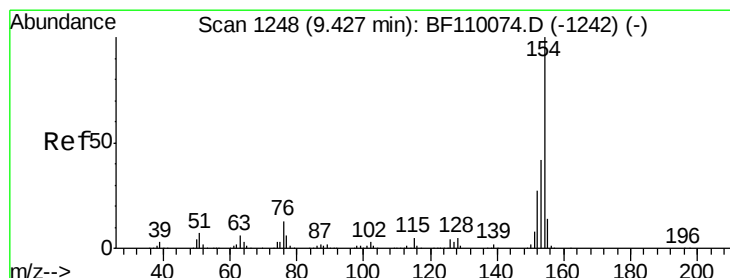
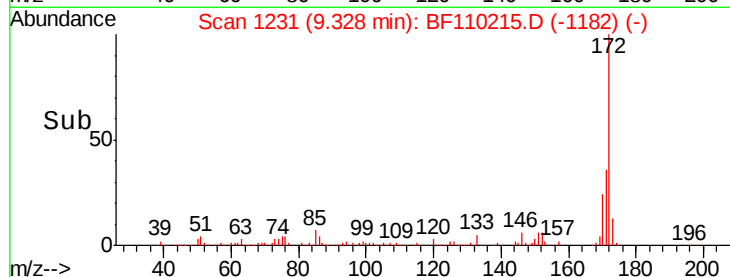
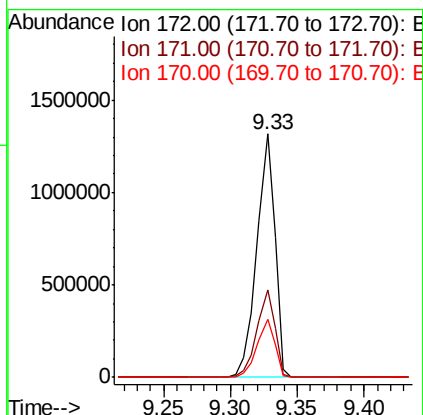
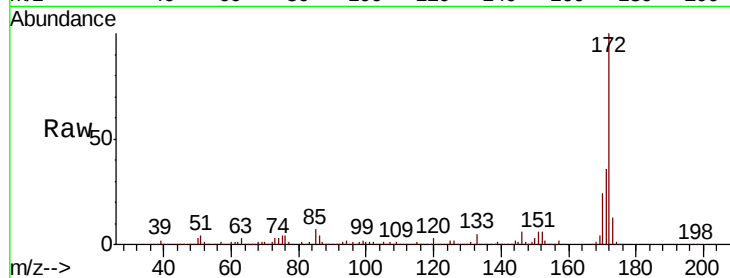




#45
2-Fluorobiphenyl
Concen: 89.255 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

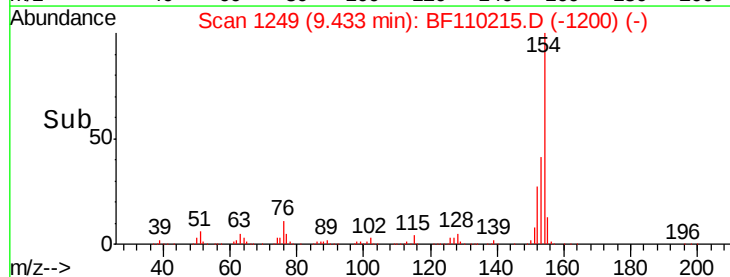
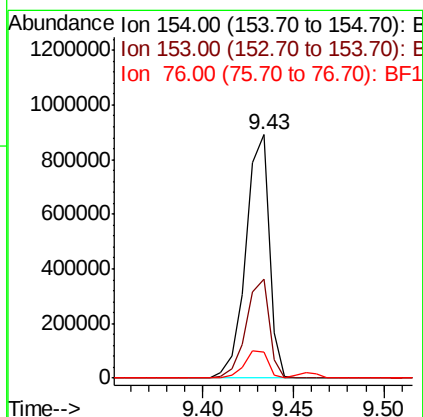
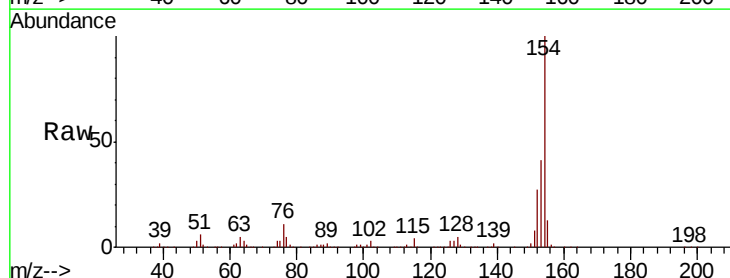
Instrument :
BNA_F
ClientSampleId :

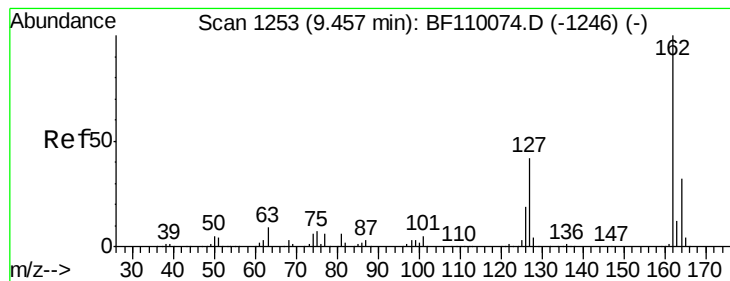
Tot Ion:172 Resp: 1217858
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.7 29.5



#46
1,1'-Biphenyl
Concen: 41.269 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:154 Resp: 799585
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 10.7 0.0 31.9





#47

2-Chloronaphthalene

Concen: 41.971 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

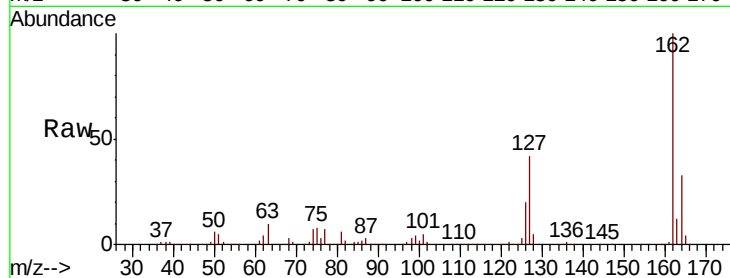
Tot Ion:162 Resp: 596506

Ion Ratio Lower Upper

162 100

127 42.0 32.6 48.8

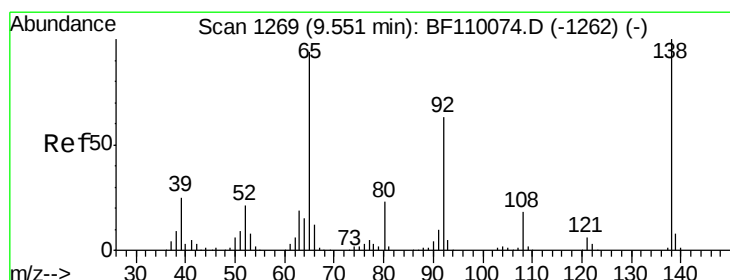
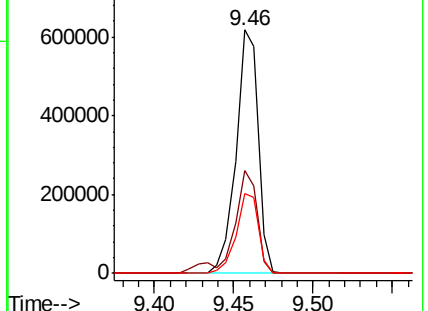
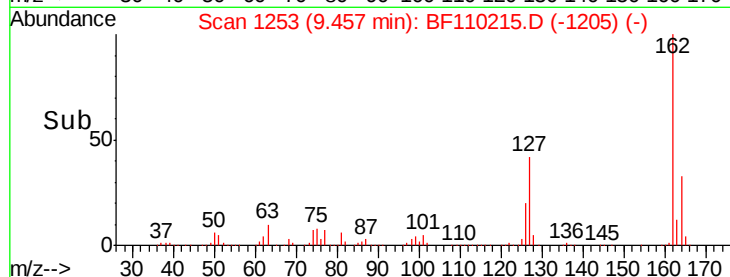
164 33.0 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.365 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

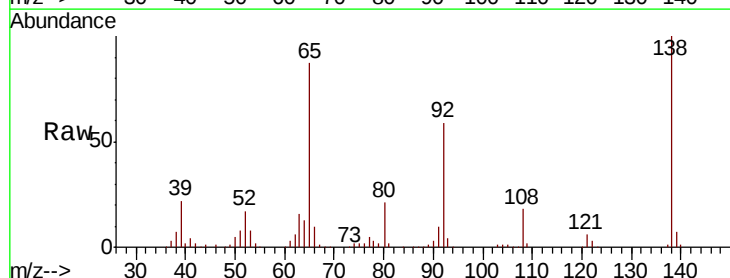
Tgt Ion: 65 Resp: 195375

Ion Ratio Lower Upper

65 100

92 67.9 54.6 81.8

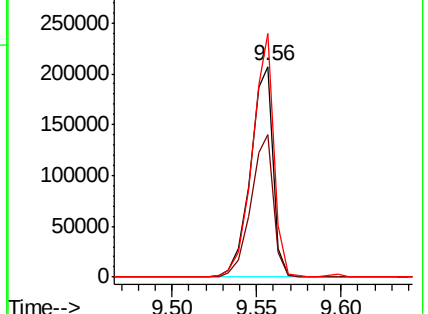
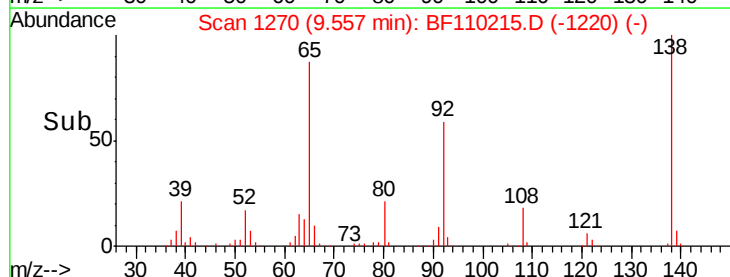
138 115.6 80.3 120.5

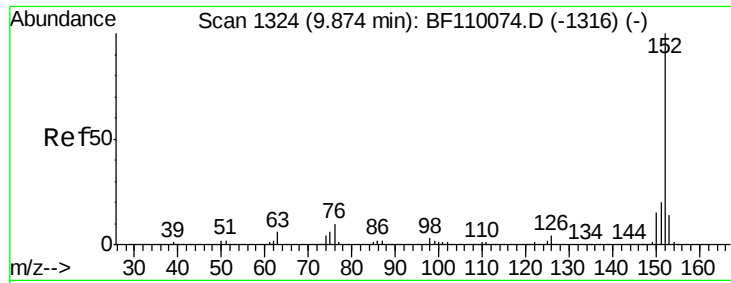


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

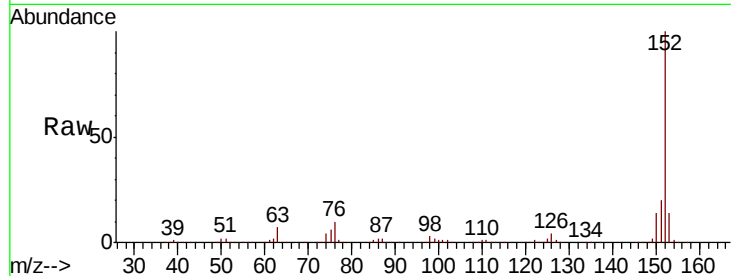




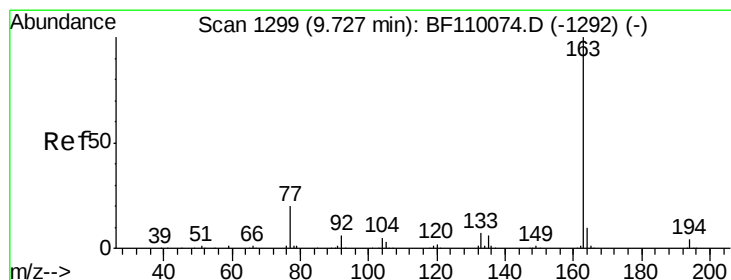
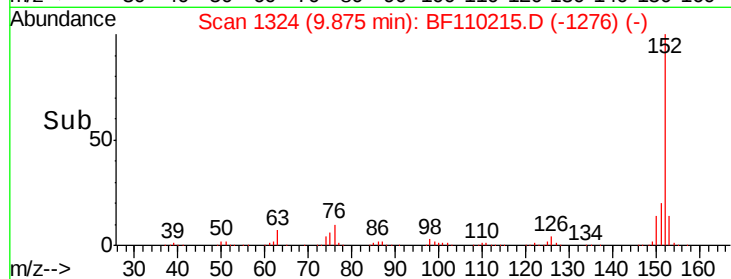
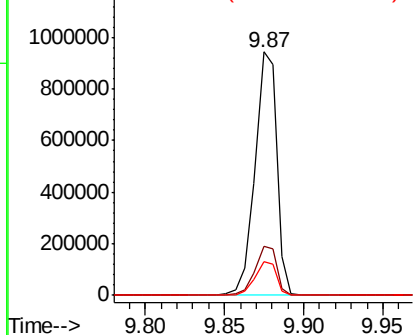
#49
Acenaphthylene
Concen: 44.254 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 908431
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.8 10.4 15.6

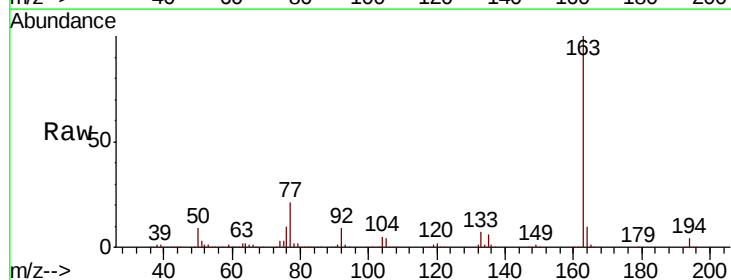


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

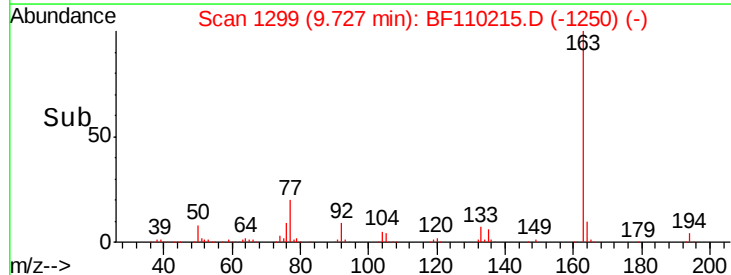
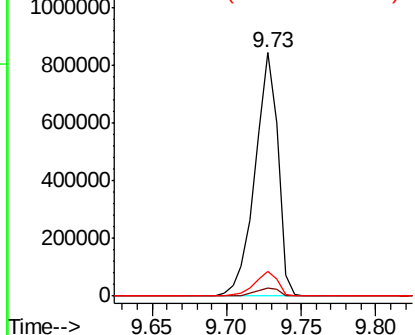


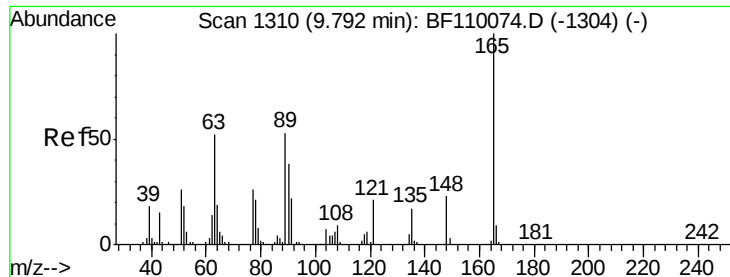
#50
Dimethylphthalate
Concen: 56.047 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:163 Resp: 886442
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.764 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

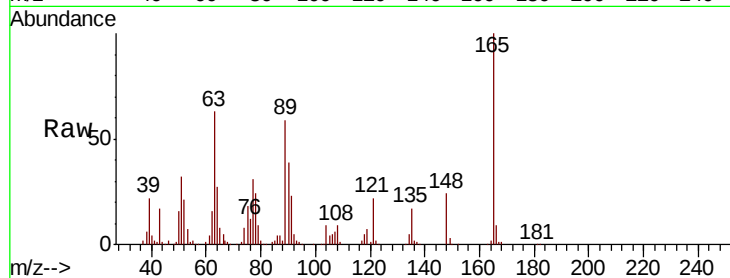
Tot Ion:165 Resp: 149097

Ion Ratio Lower Upper

165 100

63 63.1 48.9 73.3

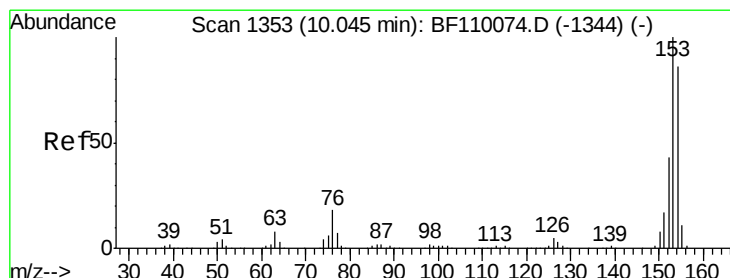
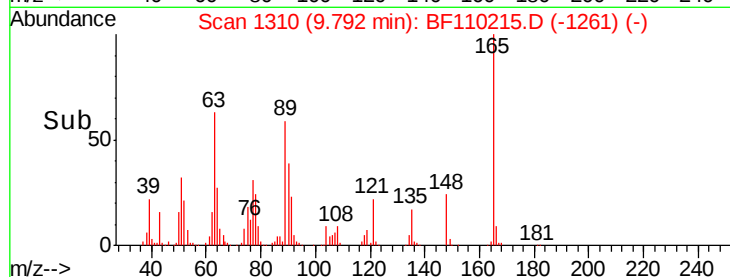
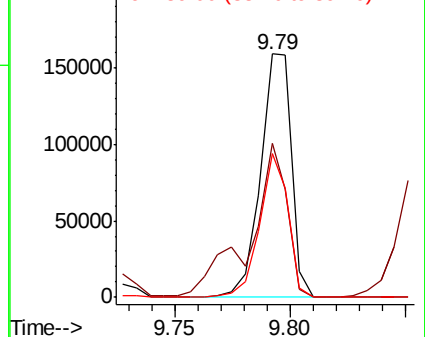
89 59.1 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.361 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

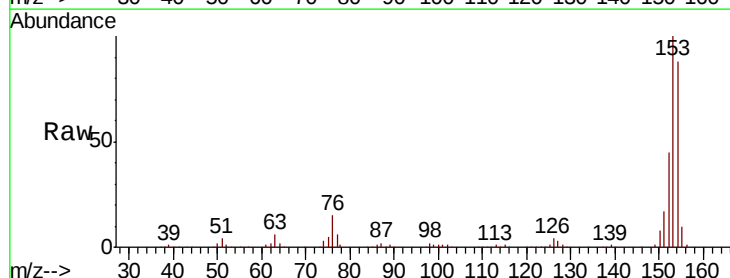
Tgt Ion:154 Resp: 548095

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

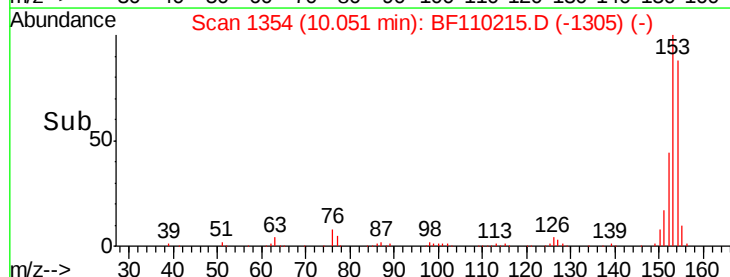
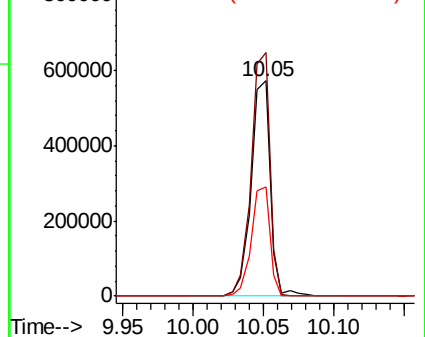
152 50.5 43.4 65.2

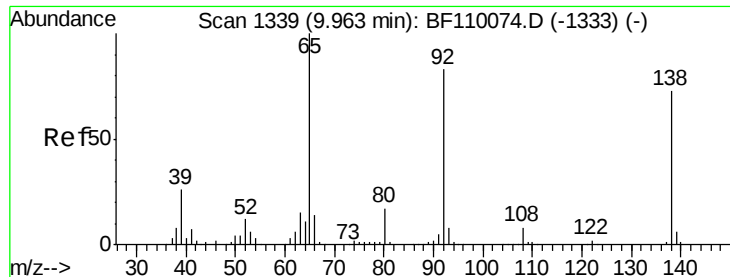


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

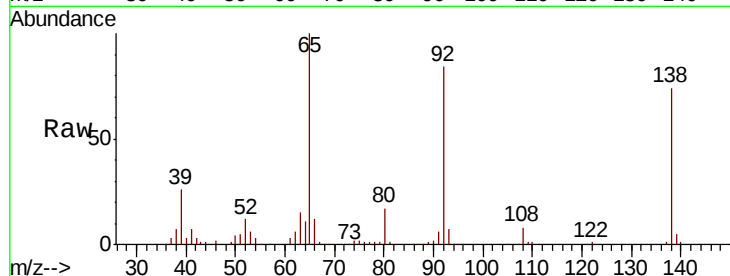




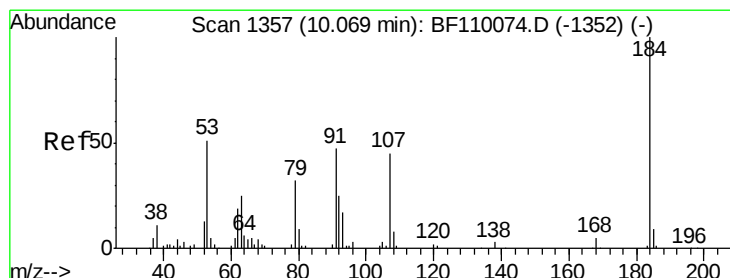
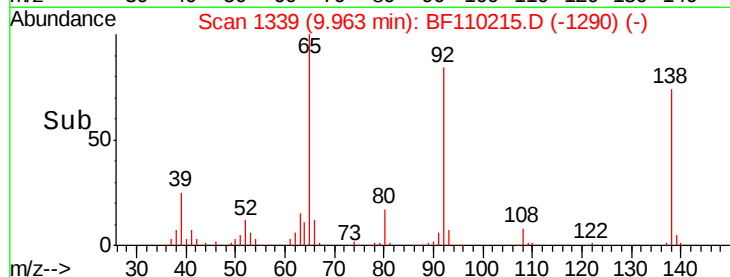
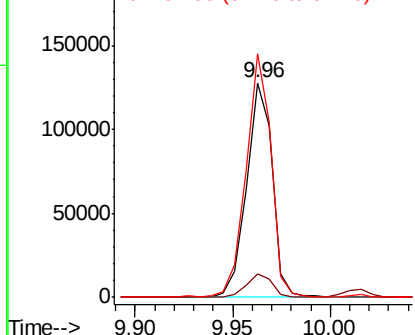
#53
3-Nitroaniline
Concen: 28.767 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 116546
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 113.7 97.0 145.4

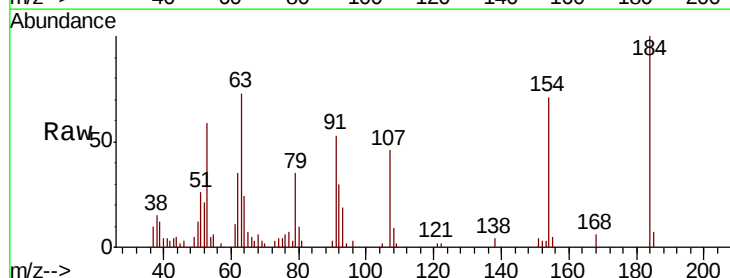


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

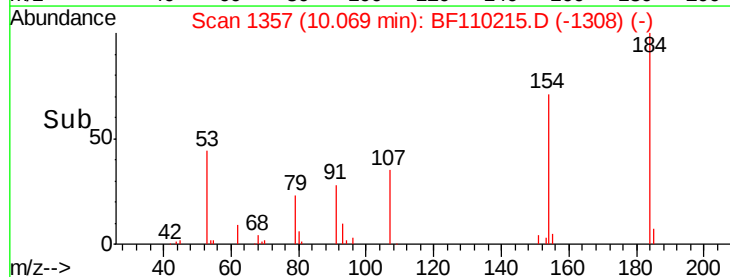
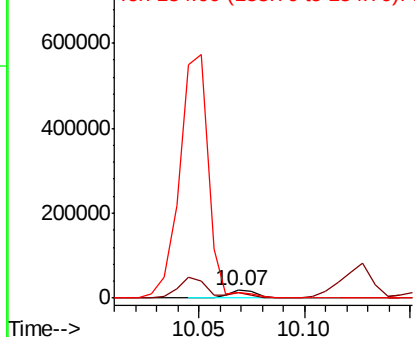


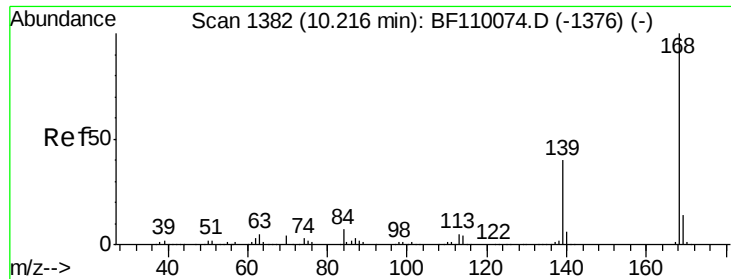
#54
2,4-Dinitrophenol
Concen: 16.545 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:184 Resp: 16436
Ion Ratio Lower Upper
184 100
63 73.4 55.8 83.6
154 71.3 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

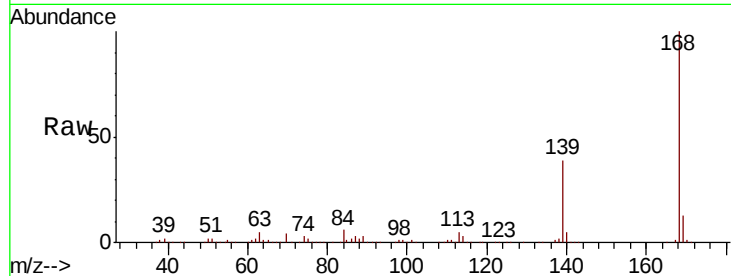




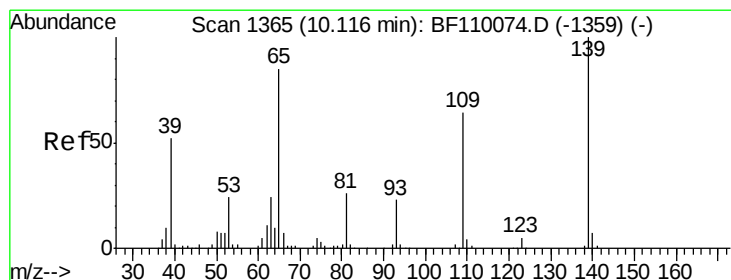
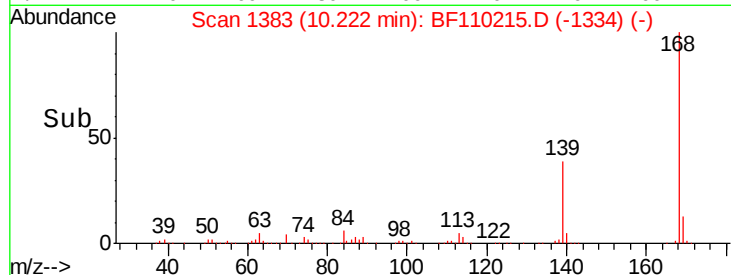
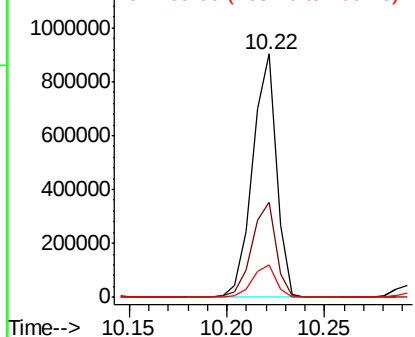
#55
Dibenzofuran
Concen: 40.499 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 770005
Ion Ratio Lower Upper
168 100
139 38.8 33.0 49.6
169 13.3 11.3 16.9

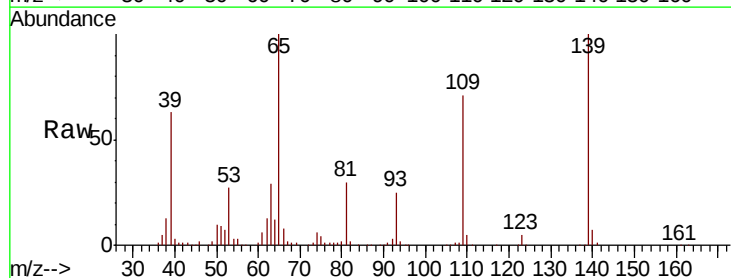


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

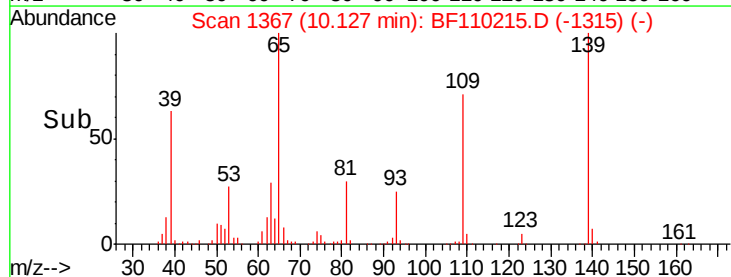
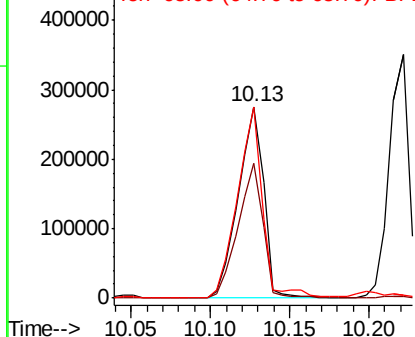


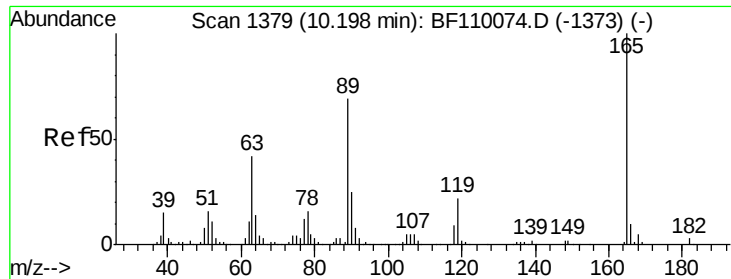
#56
4-Nitrophenol
Concen: 102.174 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:139 Resp: 306366
Ion Ratio Lower Upper
139 100
109 70.8 55.8 95.8
65 100.0 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

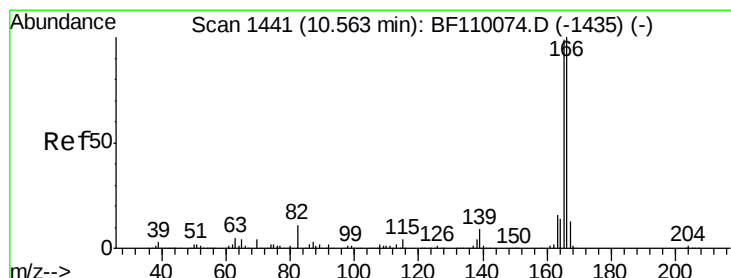
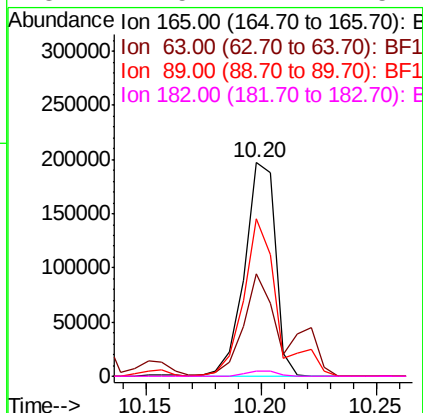
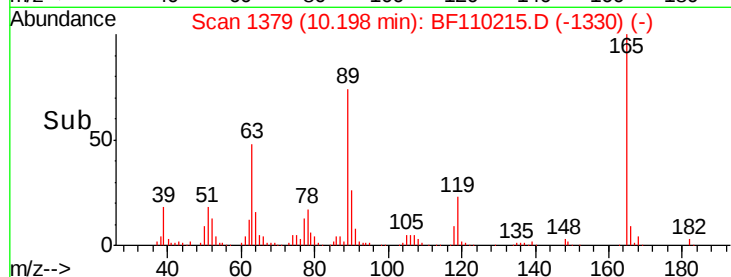
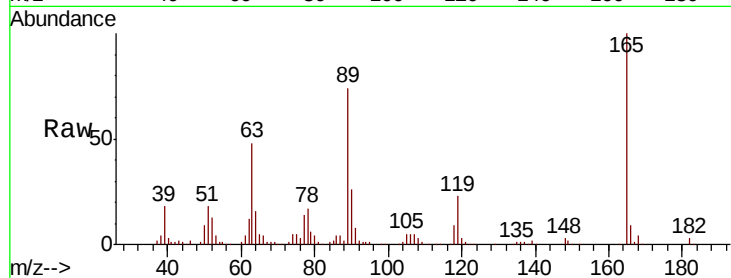




#57
2,4-Dinitrotoluene
Concen: 42.692 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

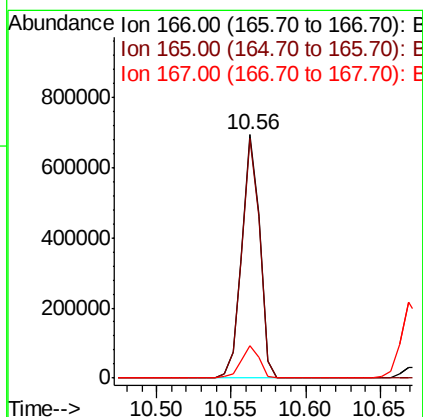
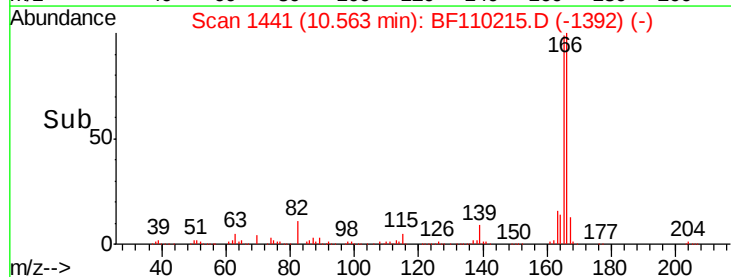
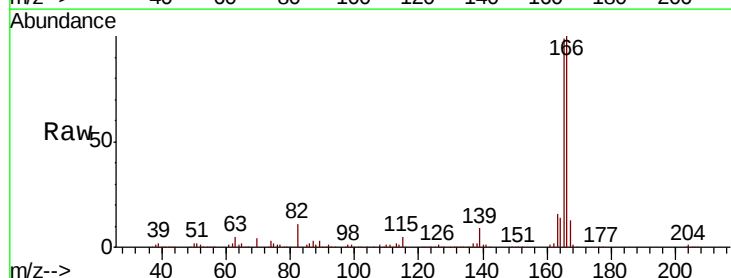
Instrument :
BNA_F
ClientSampleId :

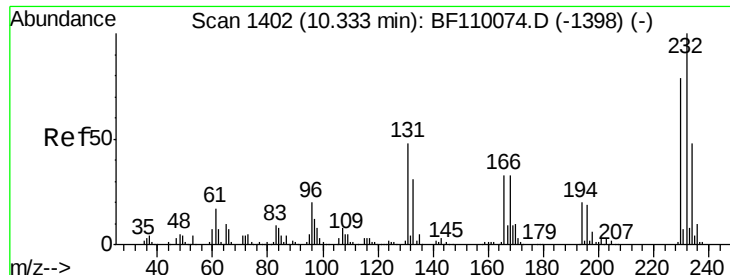
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	44.8	67.2
89	74.0	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 41.106 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.5	10.8	16.2

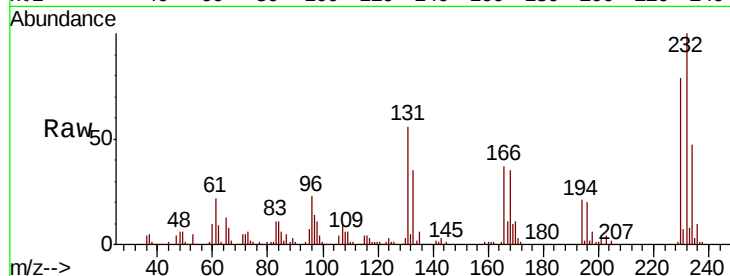




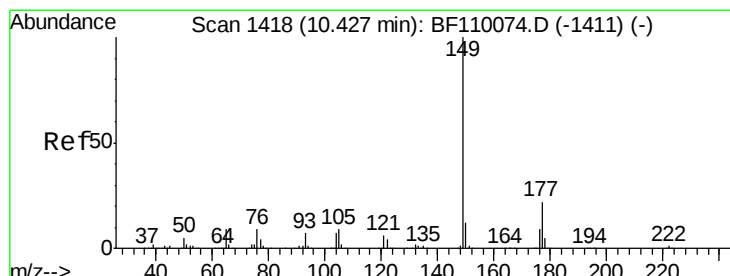
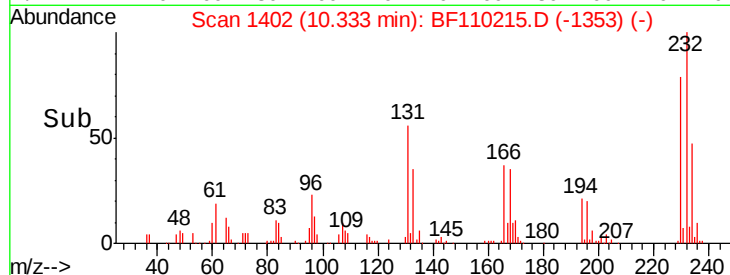
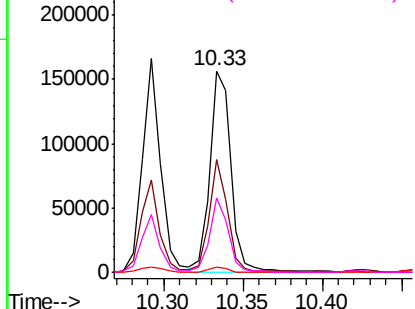
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.010 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 144718
Ion Ratio Lower Upper
232 100
131 48.7 37.0 55.4
130 2.2 1.8 2.6
166 33.2 22.0 33.0#

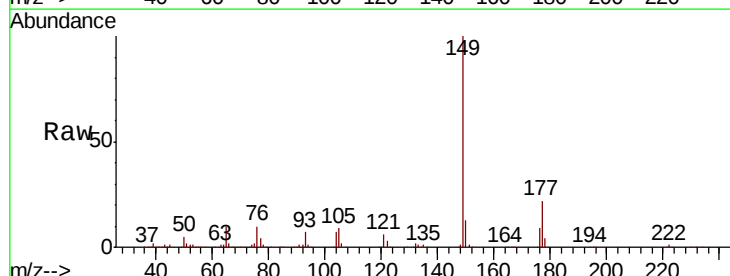


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

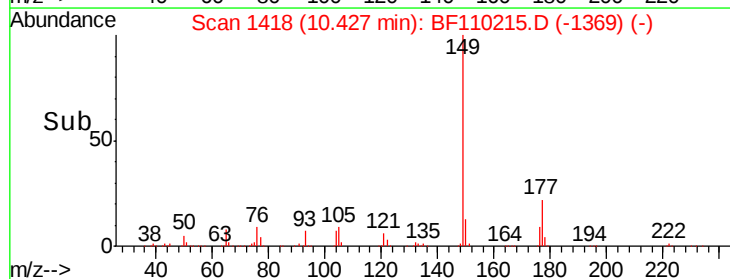
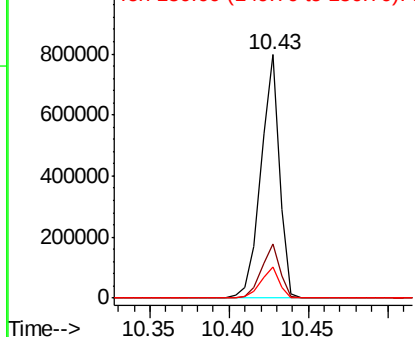


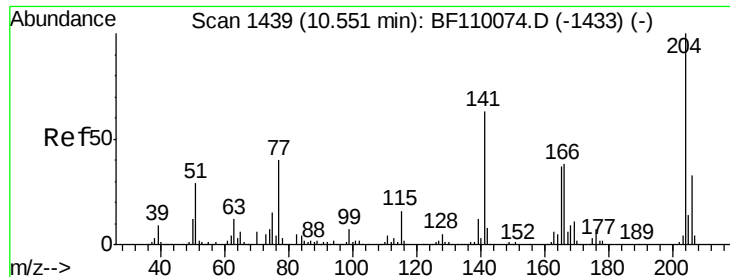
#60
Diethylphthalate
Concen: 42.481 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:149 Resp: 655860
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

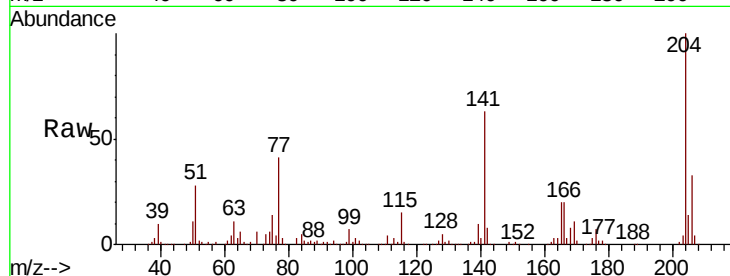




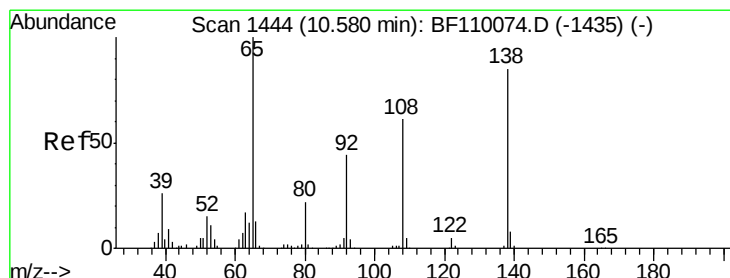
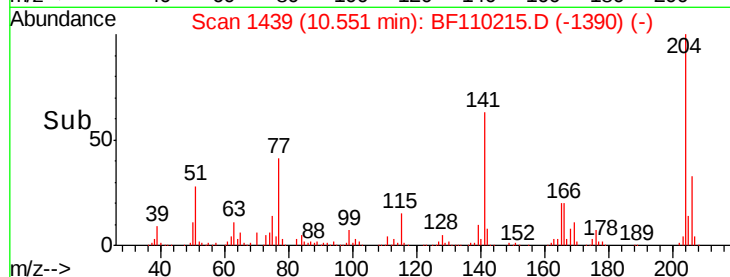
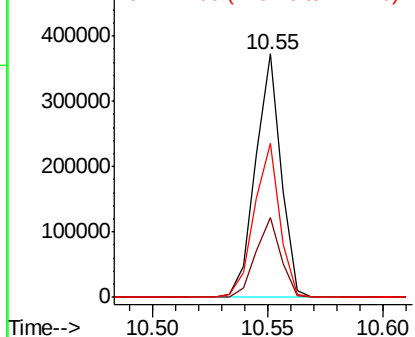
#61
4-Chlorophenyl-phenylether
Concen: 38.536 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 287665
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 63.1 51.8 77.8

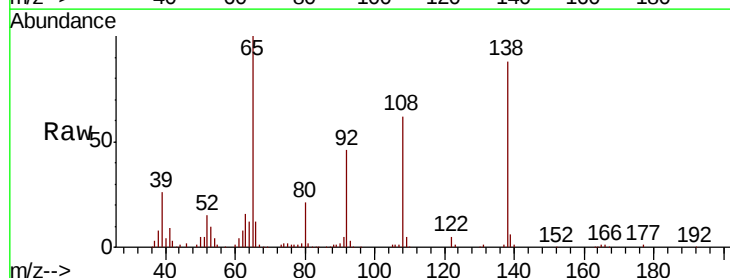


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

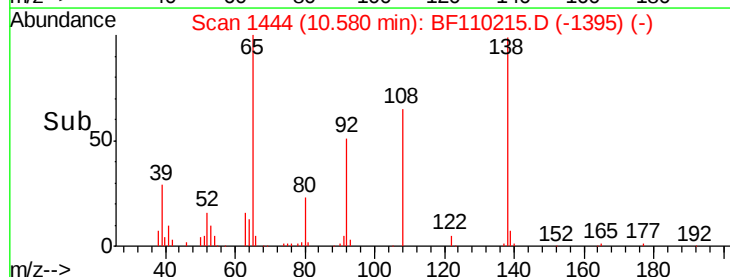
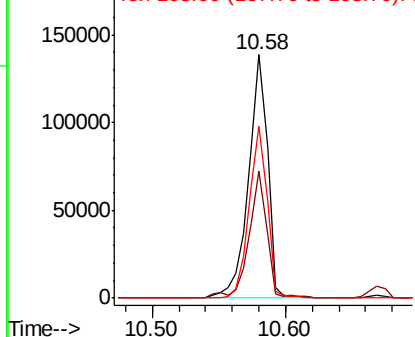


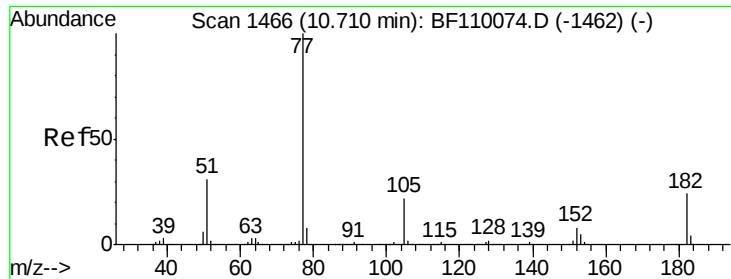
#62
4-Nitroaniline
Concen: 33.657 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:138 Resp: 135621
Ion Ratio Lower Upper
138 100
92 52.1 31.7 71.7
108 70.4 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

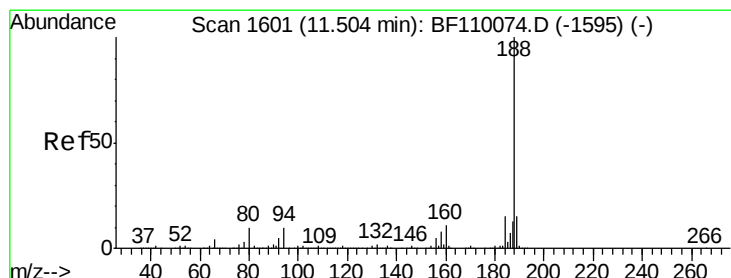
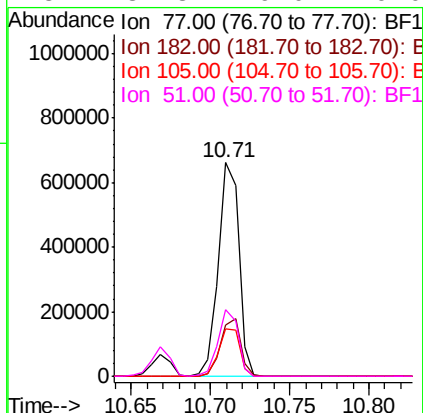
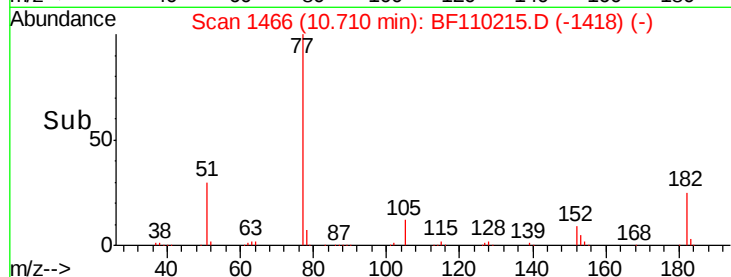
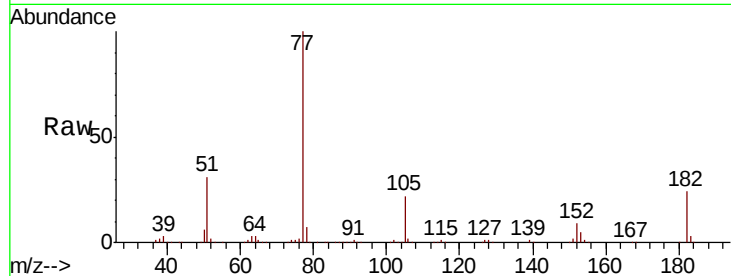




#63
Azobenzene
Concen: 38.869 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

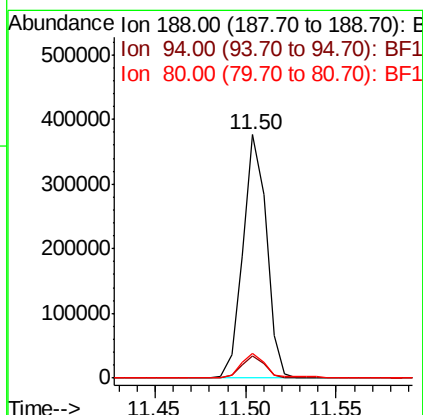
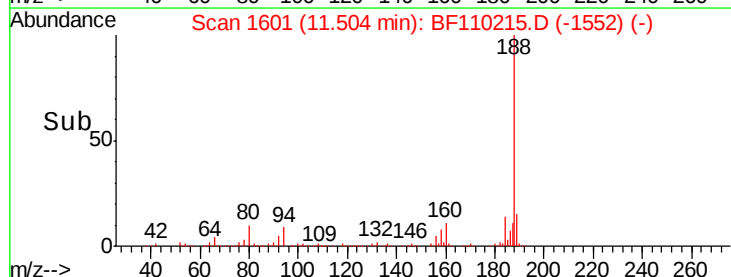
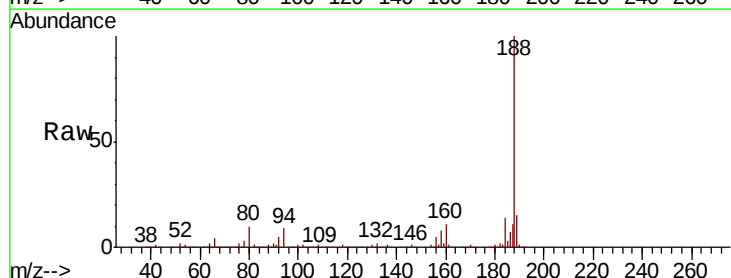
Instrument :
BNA_F
ClientSampleId :

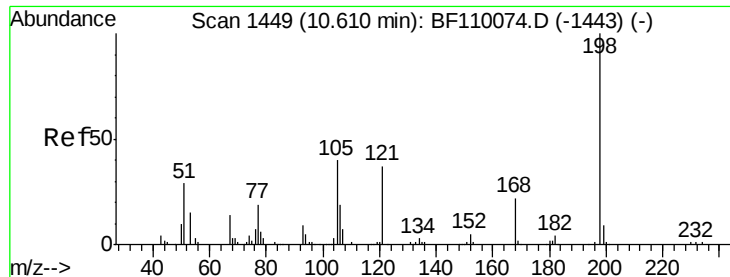
Tot Ion:	77	Resp:	595659
Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.3	44.3
105	22.3	1.3	41.3
51	31.3	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:	188	Resp:	339519
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.3	7.9	11.9

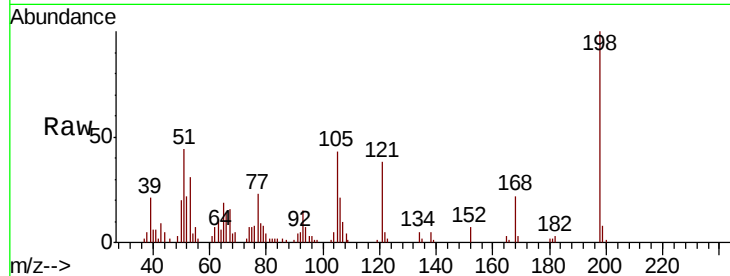




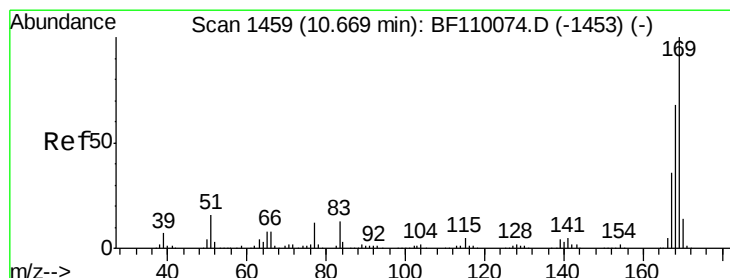
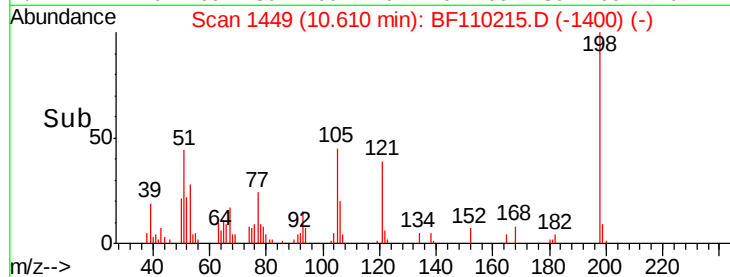
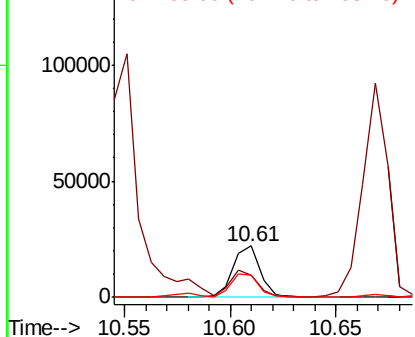
#65
 4,6-Dinitro-2-methylphenol
 Concen: 12.745 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 19770
 Ion Ratio Lower Upper
 198 100
 51 43.7 22.8 62.8
 105 43.4 23.6 63.6

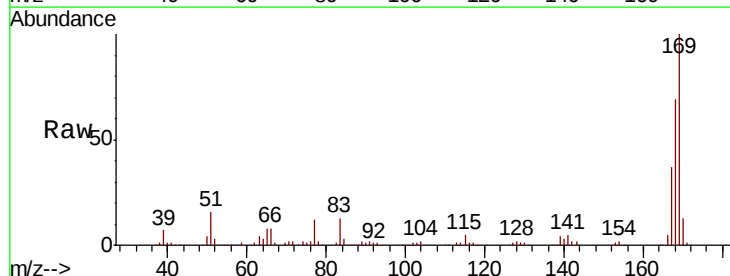


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

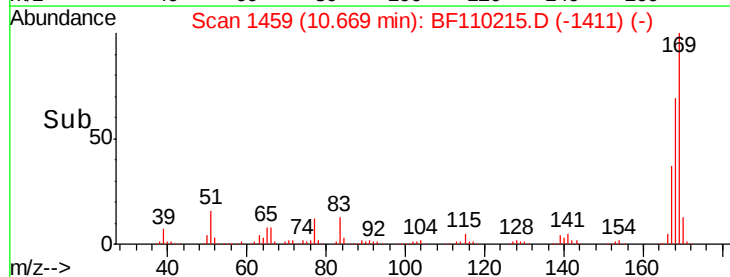
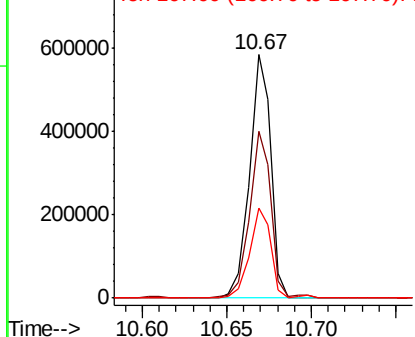


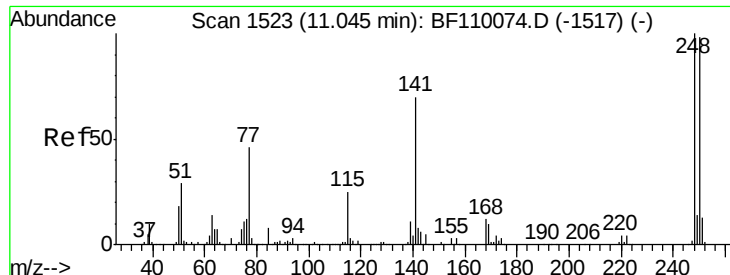
#66
 n-Nitrosodiphenylamine
 Concen: 46.465 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF110215.D
 Acq: 26 Oct 2018 17:44

Tgt Ion:169 Resp: 517440
 Ion Ratio Lower Upper
 169 100
 168 68.6 51.2 76.8
 167 37.0 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

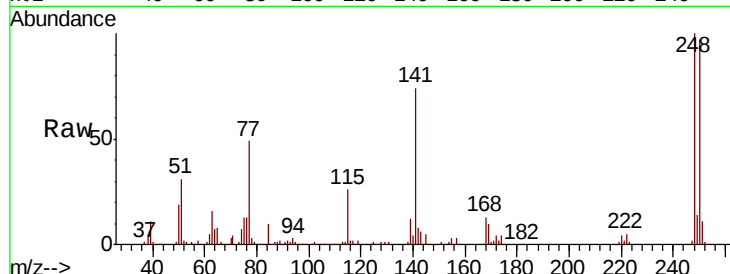




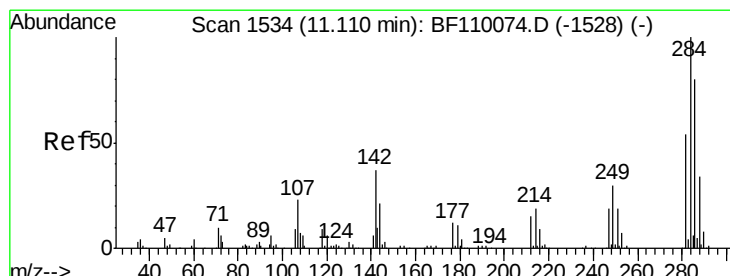
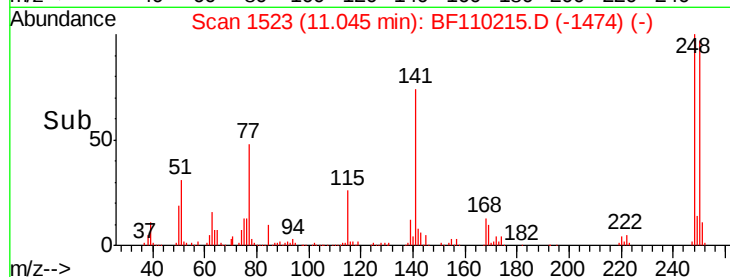
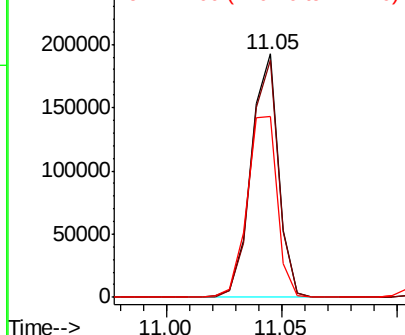
#67
4-Bromophenyl-phenylether
Concen: 43.519 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 160273
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.2
141 74.1 55.9 83.9

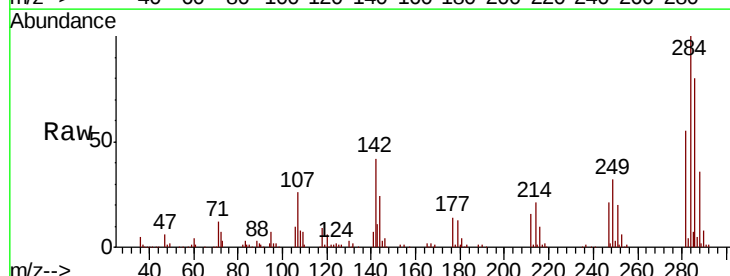


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

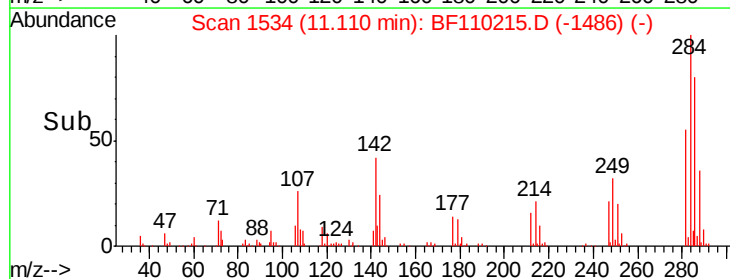
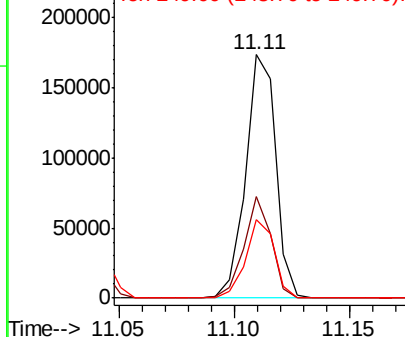


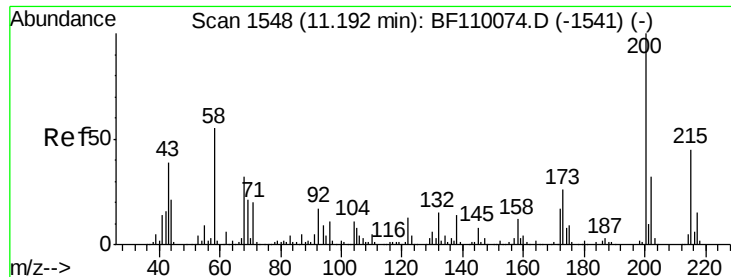
#68
Hexachlorobenzene
Concen: 40.654 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:284 Resp: 158859
Ion Ratio Lower Upper
284 100
142 41.7 23.9 35.9#
249 32.3 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

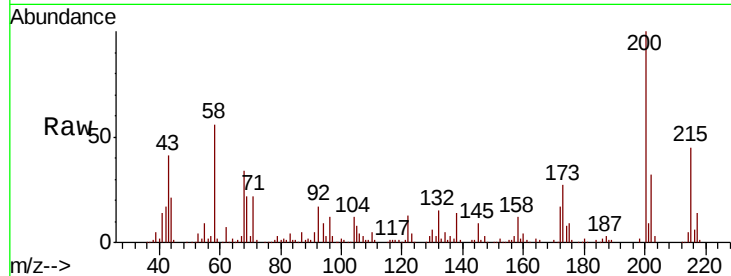




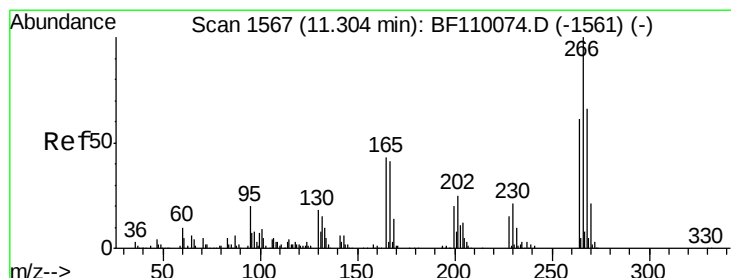
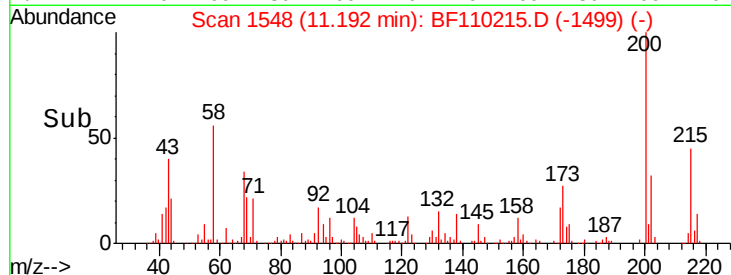
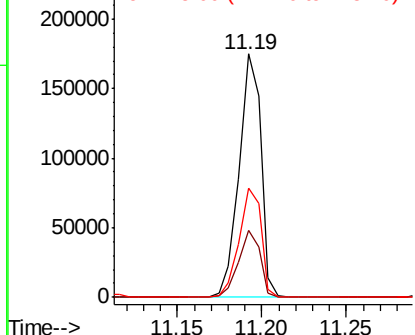
#69
Atrazine
Concen: 44.851 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 157844
Ion Ratio Lower Upper
200 100
173 27.5 6.6 46.6
215 44.9 26.3 66.3

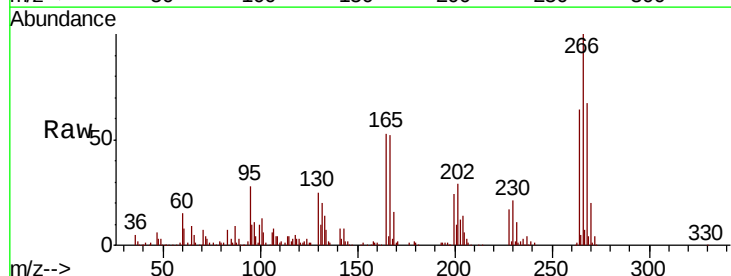


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

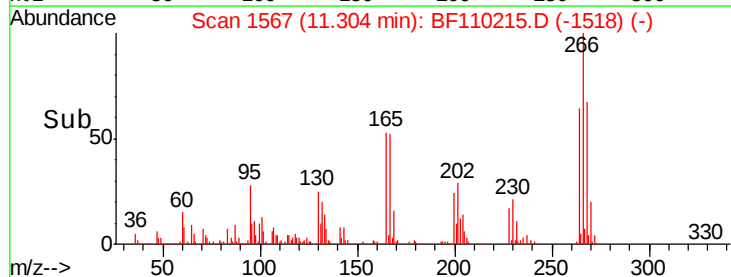
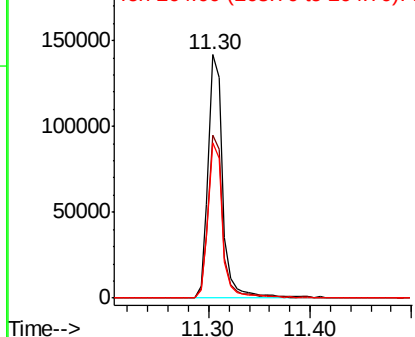


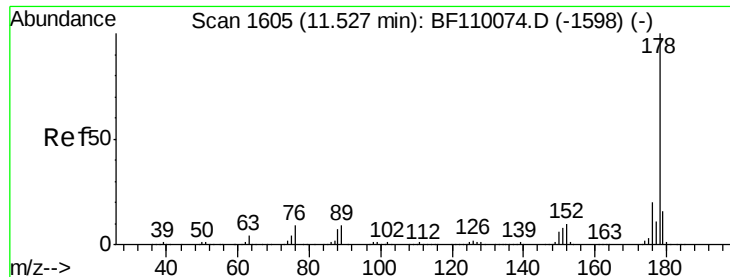
#70
Pentachlorophenol
Concen: 62.998 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:266 Resp: 143542
Ion Ratio Lower Upper
266 100
268 66.8 50.6 75.8
264 63.7 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

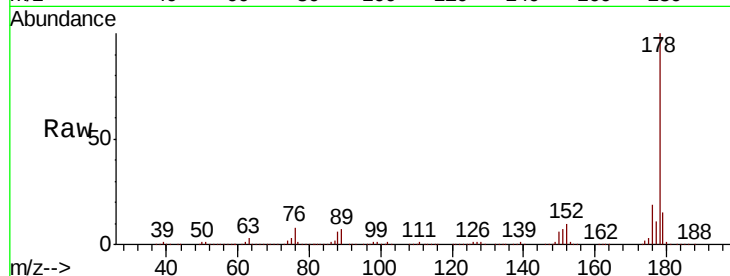




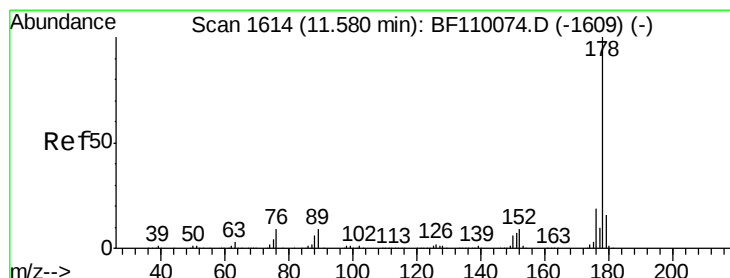
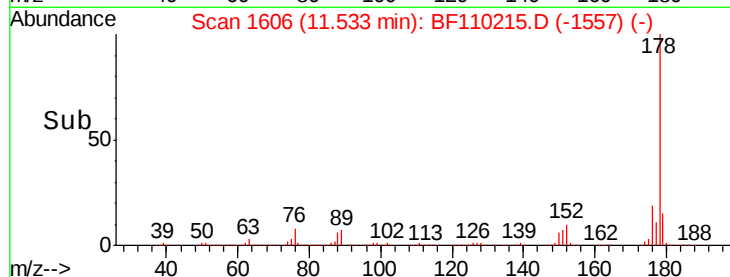
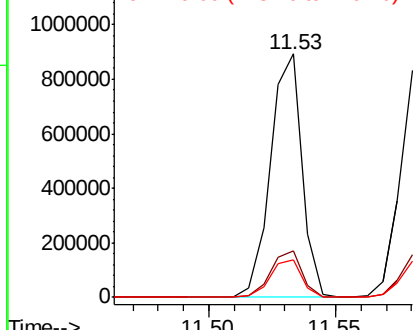
#71
Phenanthrene
Concen: 43.947 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 780732
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.3 12.5 18.7

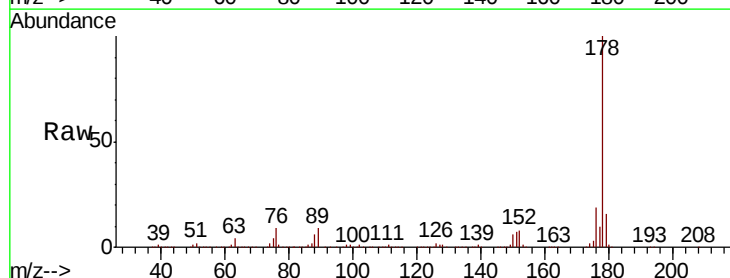


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

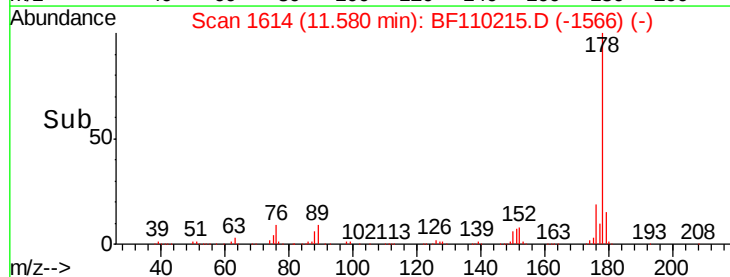
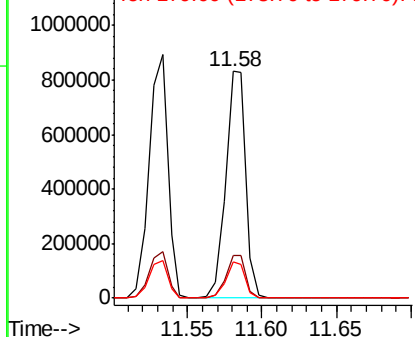


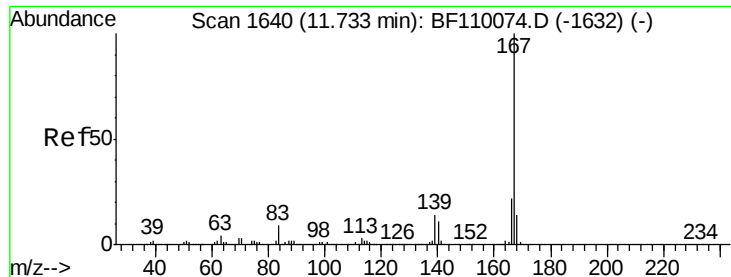
#72
Anthracene
Concen: 44.429 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:178 Resp: 791131
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.400 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampled :

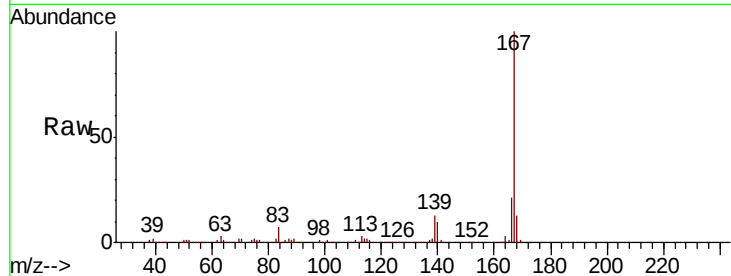
Tot Ion:167 Resp: 685026

Ion Ratio Lower Upper

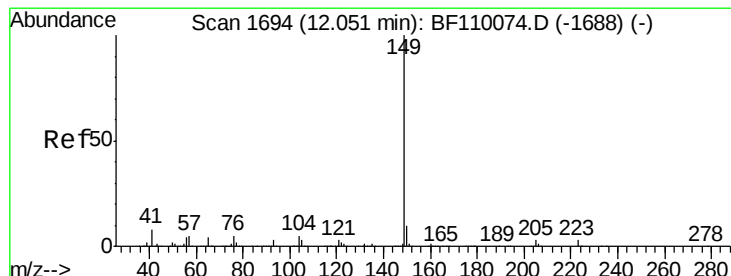
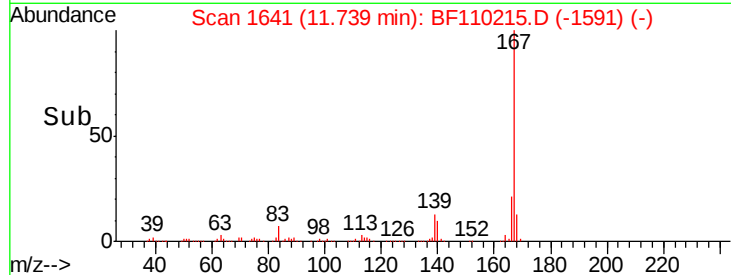
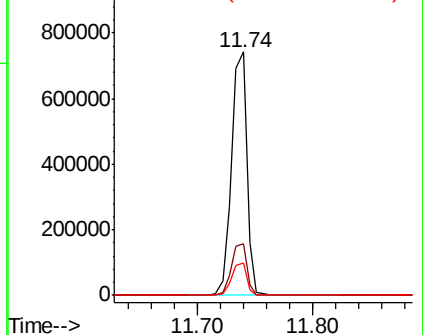
167 100

166 21.4 17.4 26.0

139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.505 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

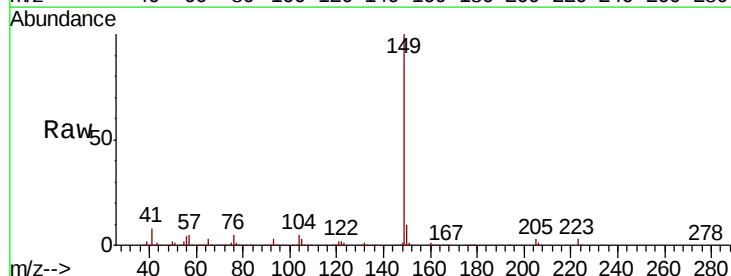
Tgt Ion:149 Resp: 873916

Ion Ratio Lower Upper

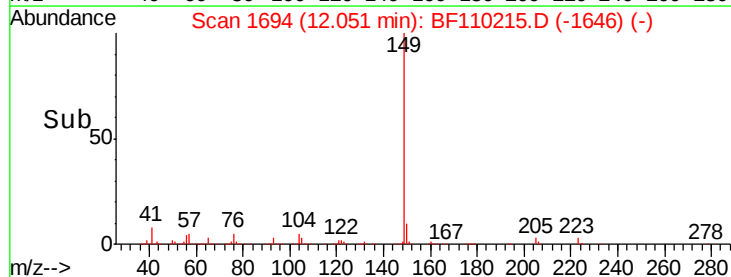
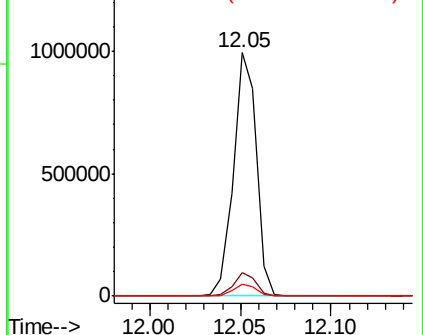
149 100

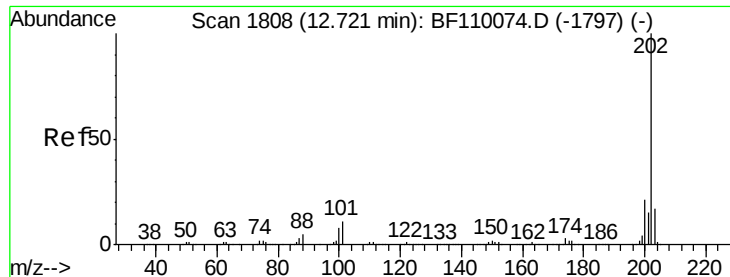
150 9.5 7.7 11.5

104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.442 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampled :

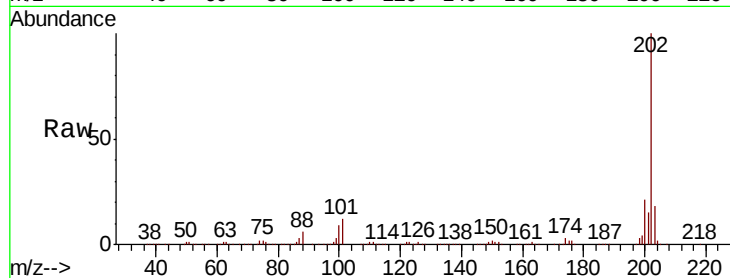
Tot Ion:202 Resp: 783238

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

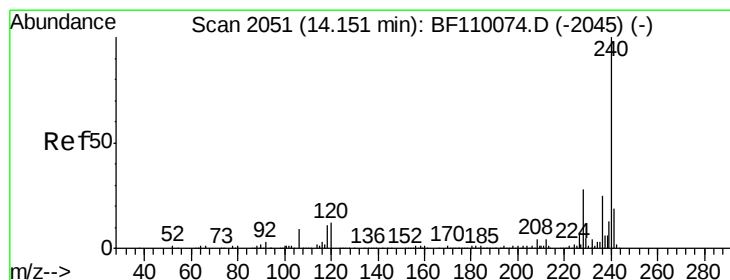
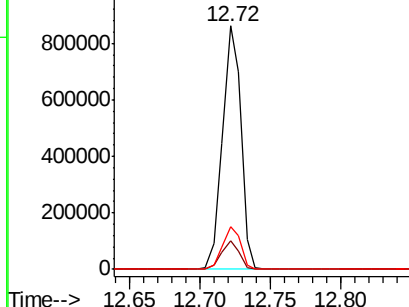
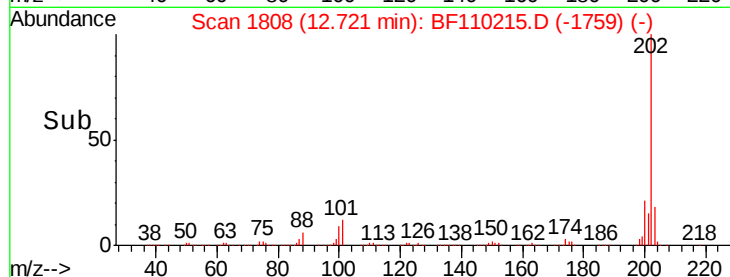
203 17.8 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

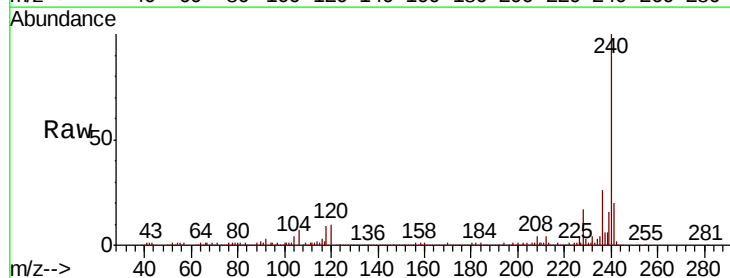
Tgt Ion:240 Resp: 248050

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

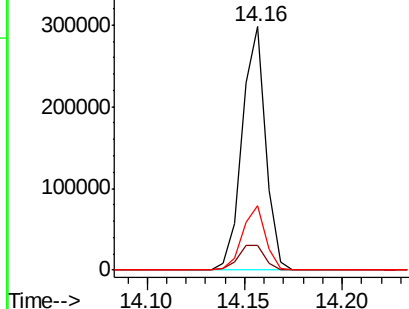
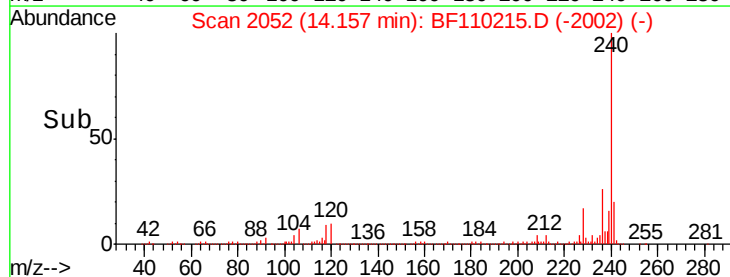
236 26.3 21.2 31.8

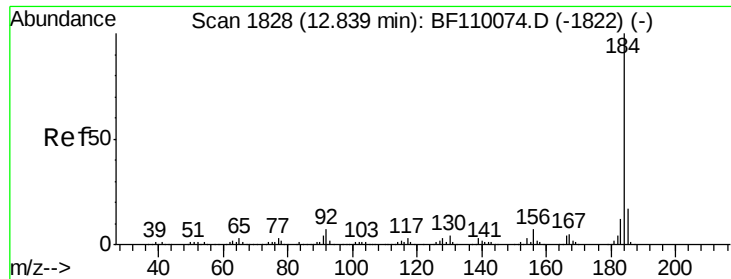


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.364 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

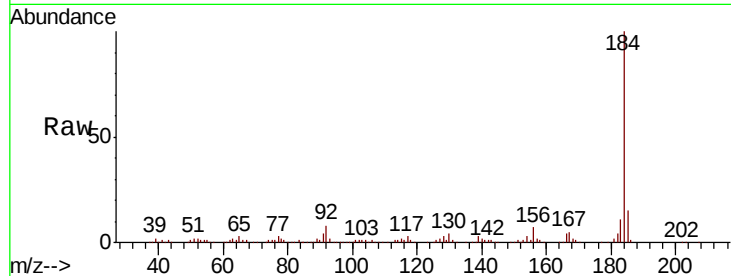
Tot Ion:184 Resp: 292010

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	11.5	9.4	14.2

184 100

185 14.6 13.4 20.2

183 11.5 9.4 14.2

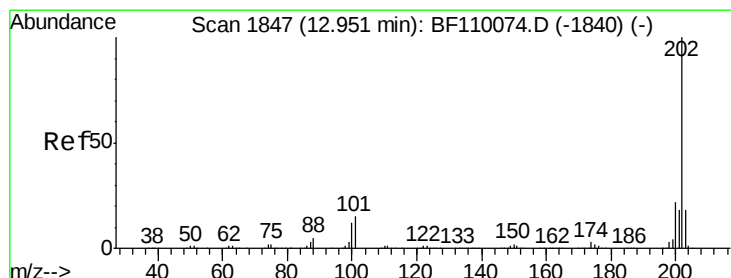
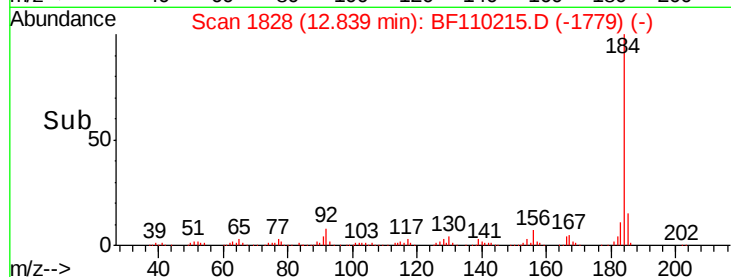
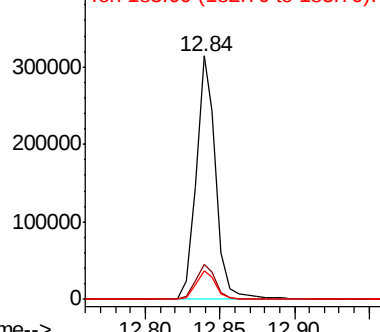


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.750 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

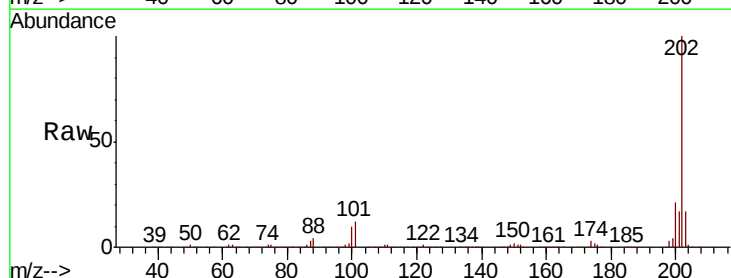
Tgt Ion:202 Resp: 778002

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.4	14.2	21.4

202 100

200 21.1 17.8 26.6

203 17.4 14.2 21.4

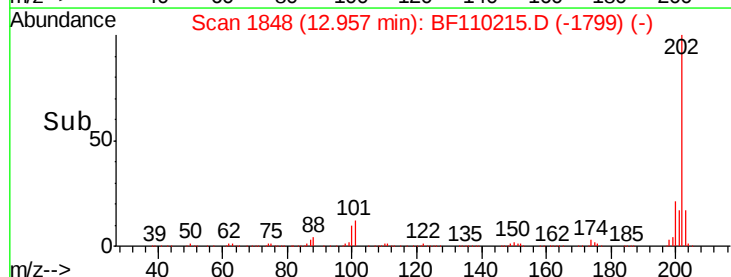
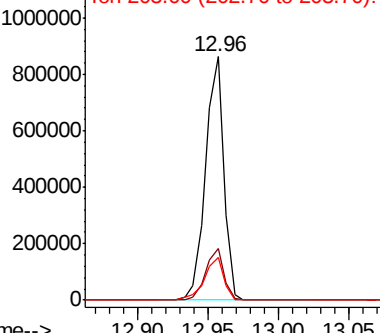


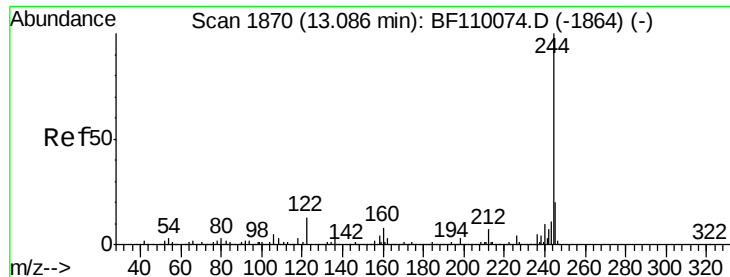
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.358 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

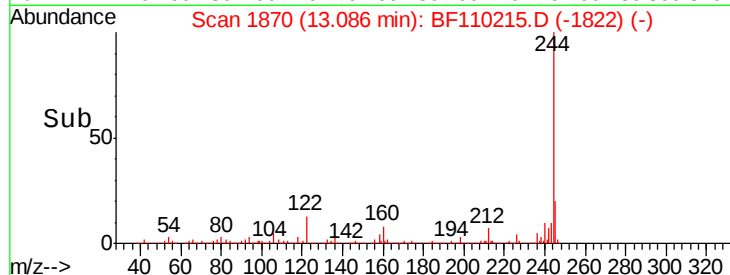
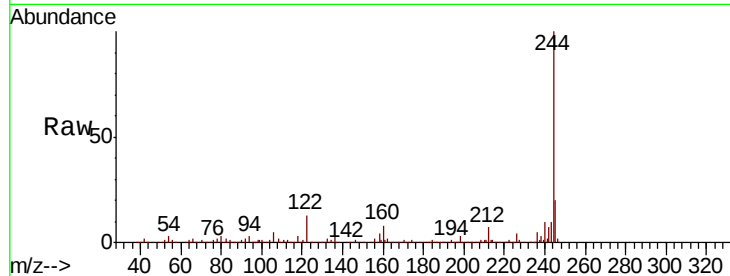
Tot Ion:244 Resp: 898811

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

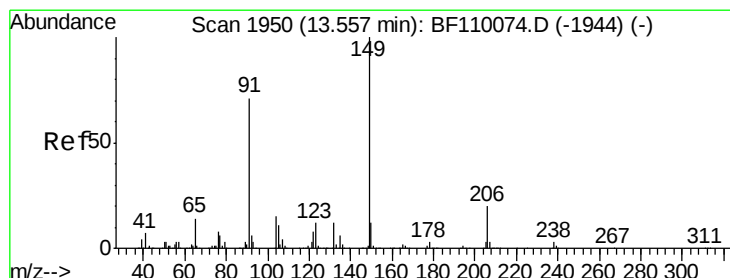
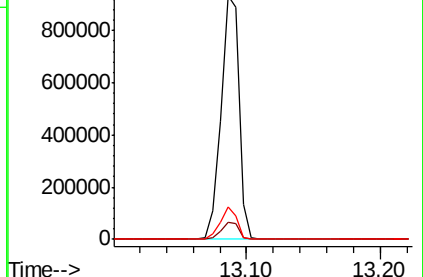
122 13.1 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.631 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

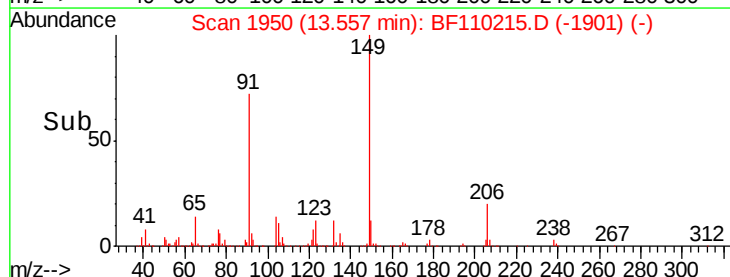
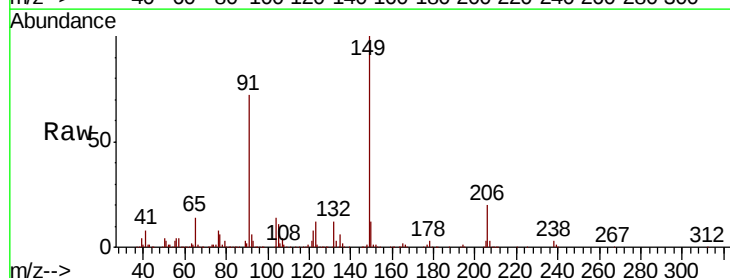
Tgt Ion:149 Resp: 344487

Ion Ratio Lower Upper

149 100

91 72.5 57.2 85.8

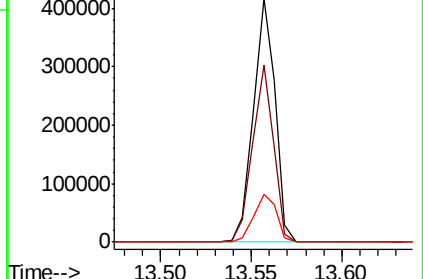
206 19.5 15.7 23.5

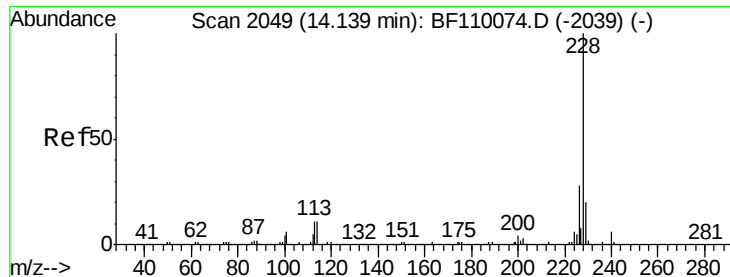


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.545 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF110215.D

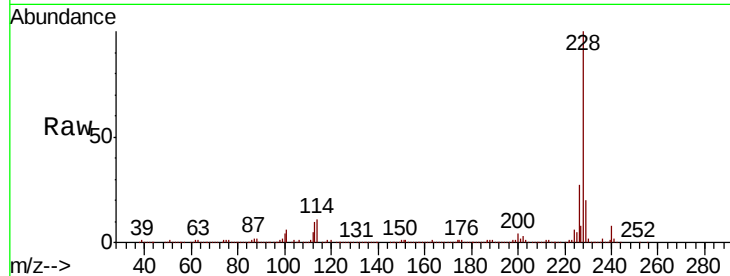
Acq: 26 Oct 2018 17:44

Instrument :

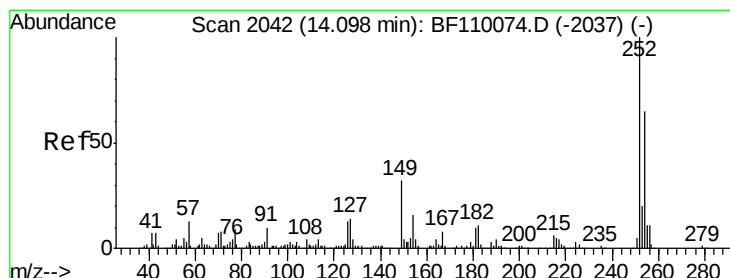
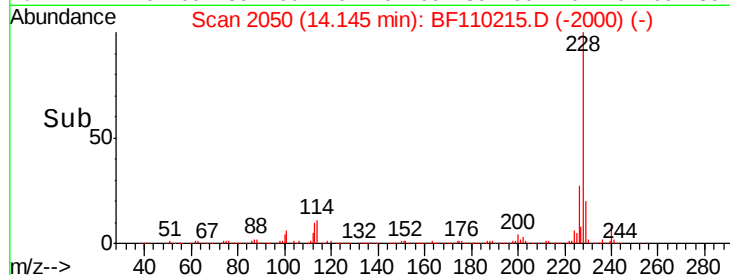
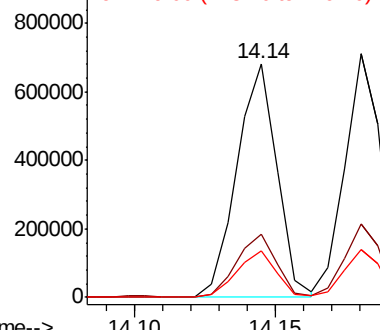
BNA_F

ClientSampleId :

Tot Ion:228	Resp:	669967
Ion	Ratio	Lower Upper
228	100	
226	26.7	22.1 33.1
229	19.8	15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.131 ng

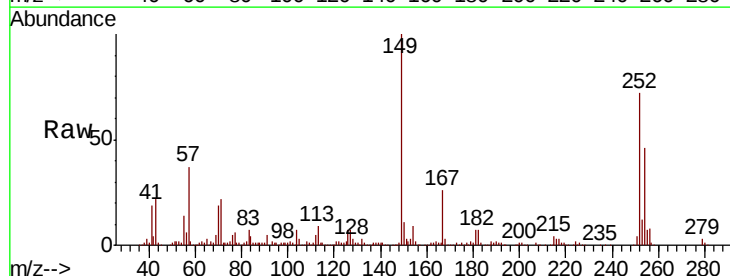
RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

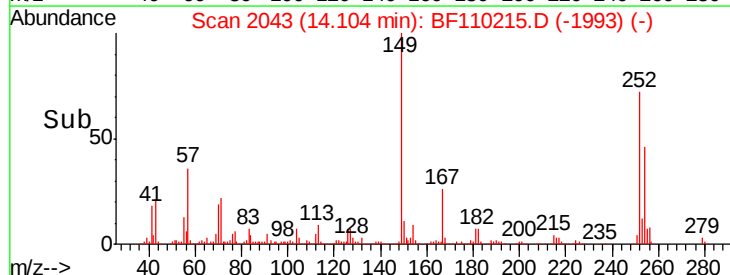
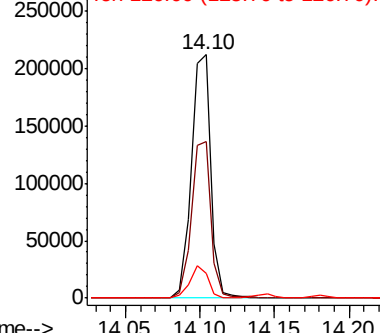
Lab File: BF110215.D

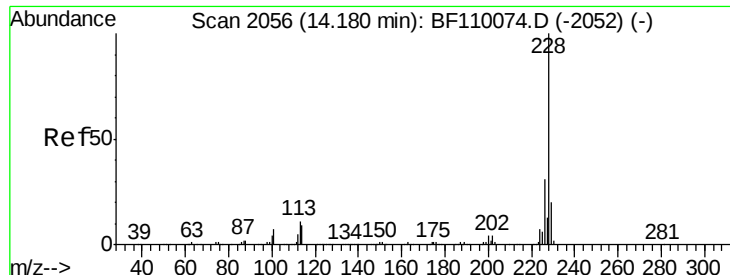
Acq: 26 Oct 2018 17:44

Tgt Ion:252	Resp:	195316
Ion	Ratio	Lower Upper
252	100	
254	64.2	51.3 76.9
126	10.3	9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

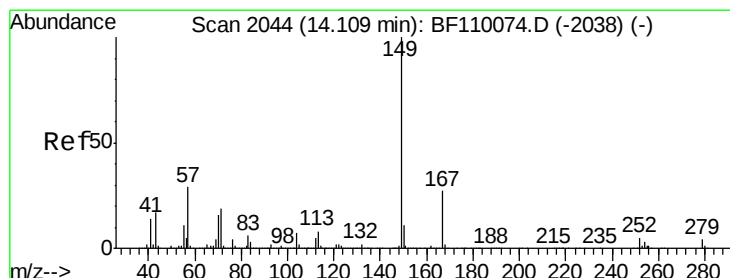
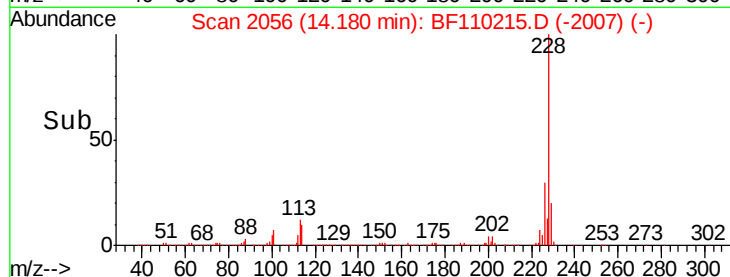
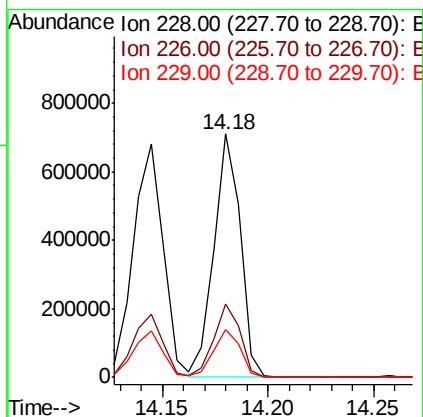
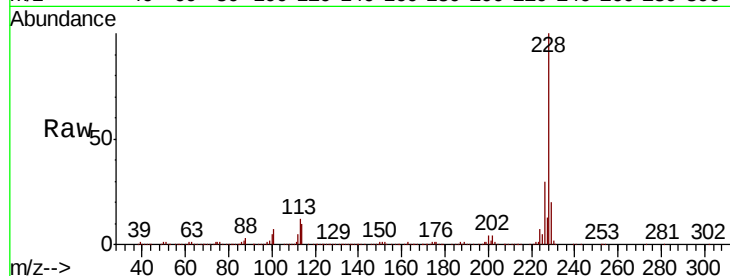




#83
Chrysene
Concen: 44.232 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

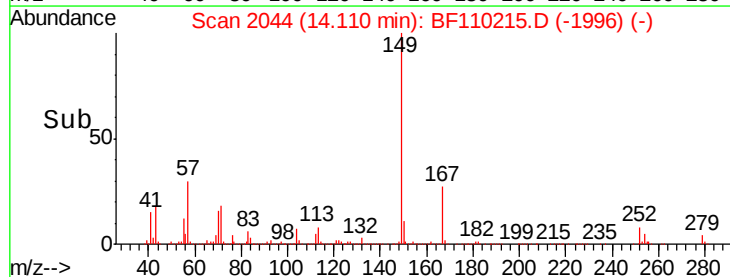
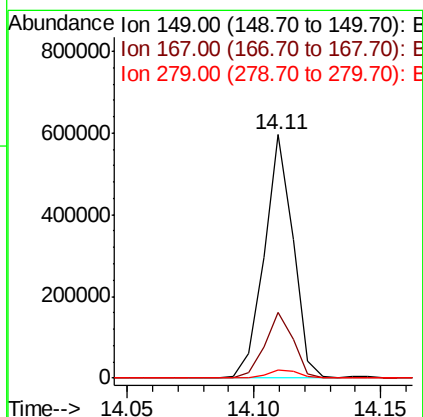
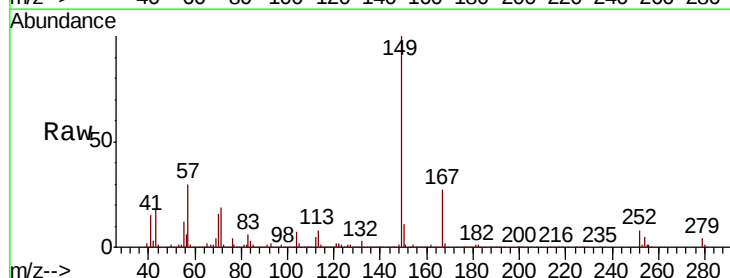
Instrument :
BNA_F
ClientSampled :

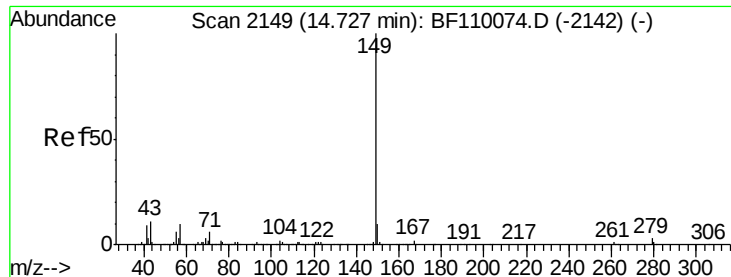
Tot Ion:228 Resp: 617988
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 19.6 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.249 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:149 Resp: 472129
Ion Ratio Lower Upper
149 100
167 26.9 19.8 29.8
279 3.5 2.7 4.1

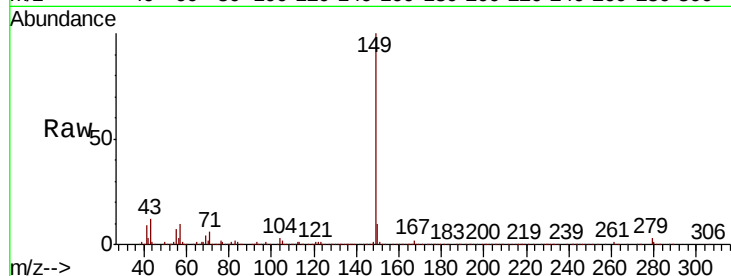




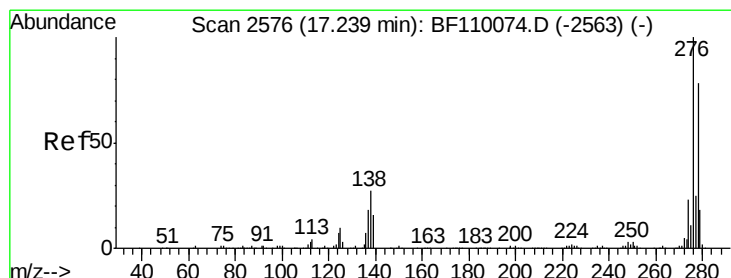
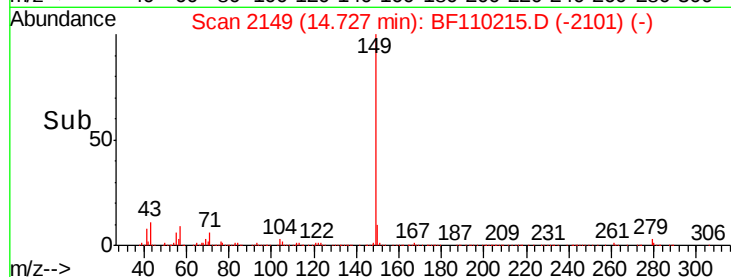
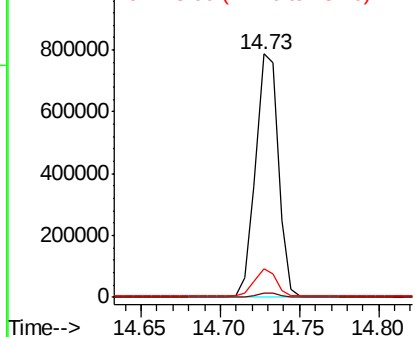
#85
Di-n-octyl phthalate
Concen: 48.945 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 794095
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 10.3 7.8 11.8

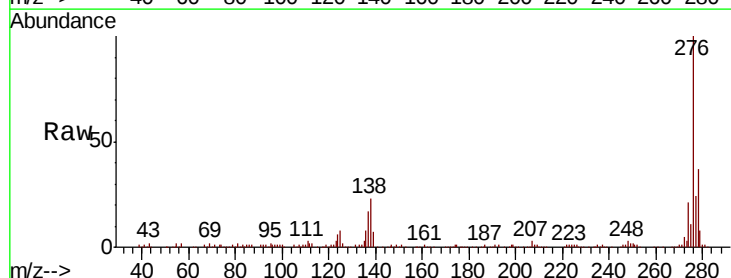


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

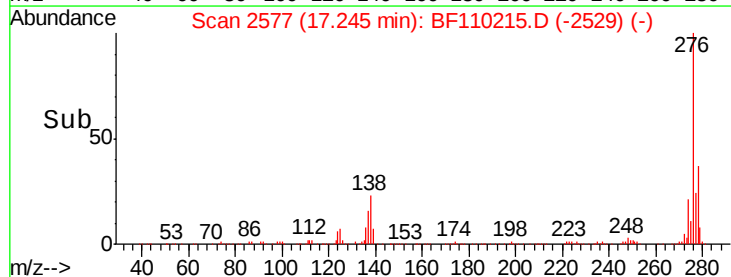
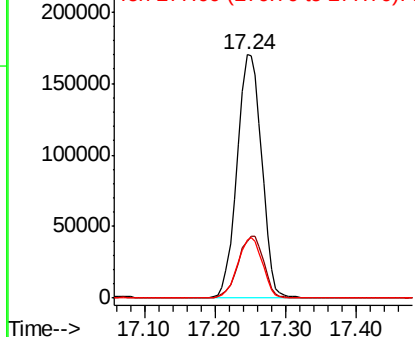


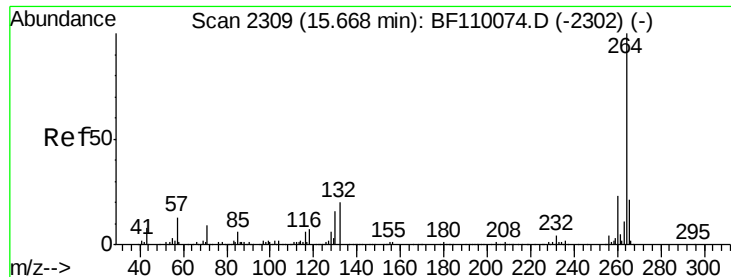
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.747 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion:276 Resp: 414330
Ion Ratio Lower Upper
276 100
138 26.9 18.5 27.7
277 24.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

Instrument :

BNA_F

ClientSampleId :

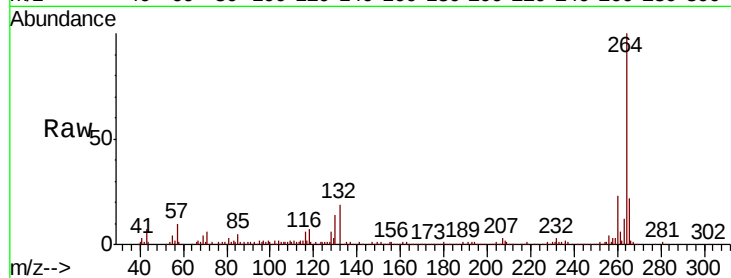
Tot Ion:264 Resp: 175075

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 21.7 16.7 25.1



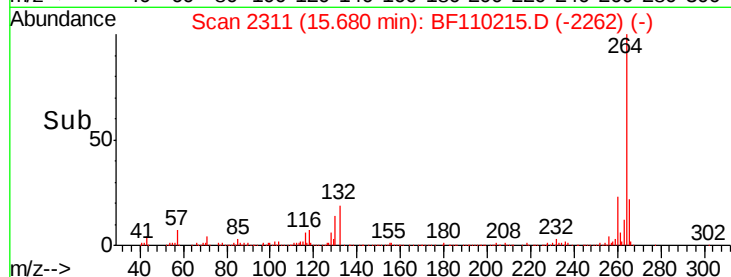
Abundance

Ion 264.00 (263.70 to 264.70): E

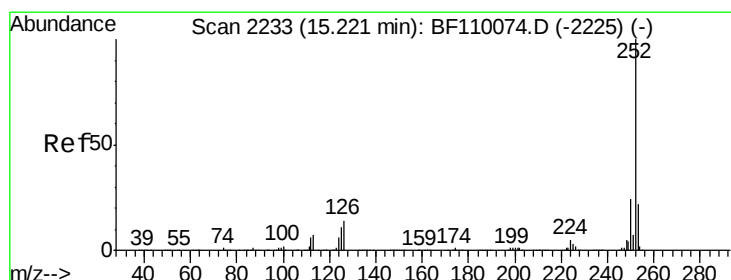
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.68



Time-->



#88

Benzo(b)fluoranthene

Concen: 49.878 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF110215.D

Acq: 26 Oct 2018 17:44

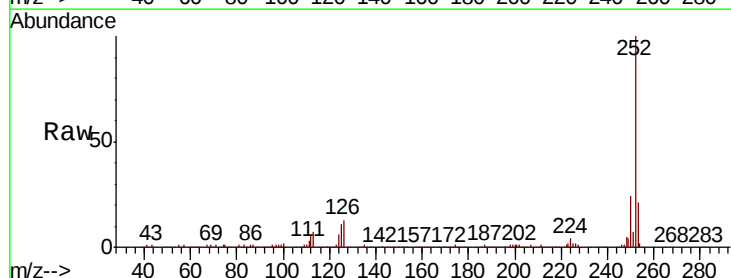
Tgt Ion:252 Resp: 504267

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 10.8 8.2 12.4



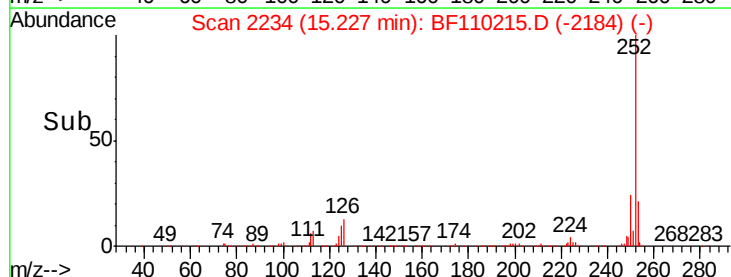
Abundance

Ion 252.00 (251.70 to 252.70): E

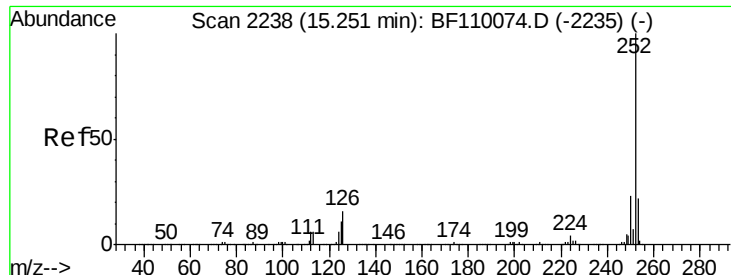
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.23



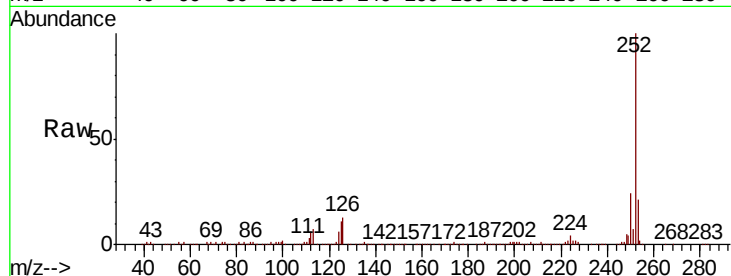
Time-->



#89
Benzo(k)fluoranthene
Concen: 50.736 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.8	7.4	11.0

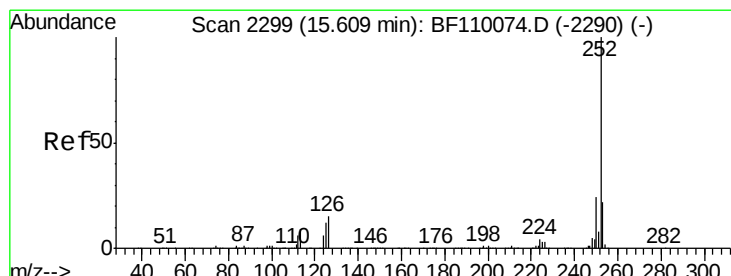
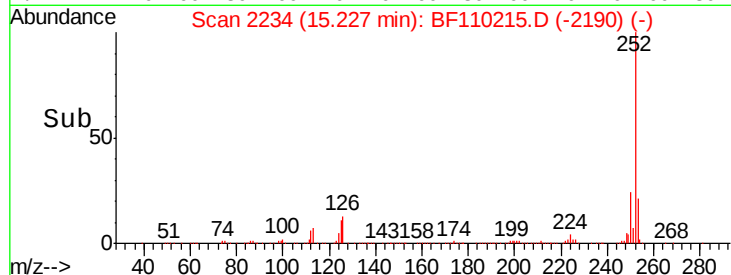
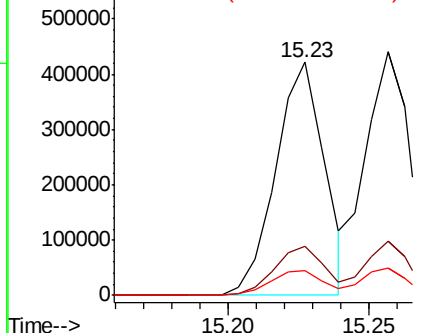


Abundance

Ion 252.00 (251.70 to 252.70): E

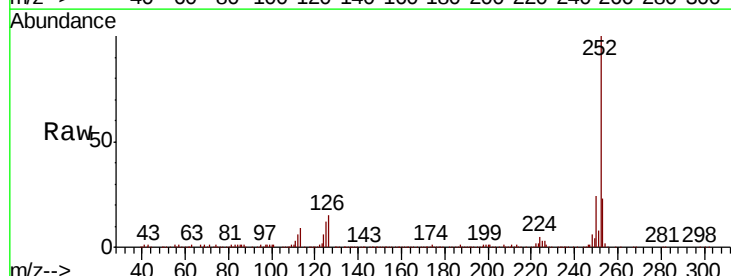
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 46.864 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.3	9.0	13.6

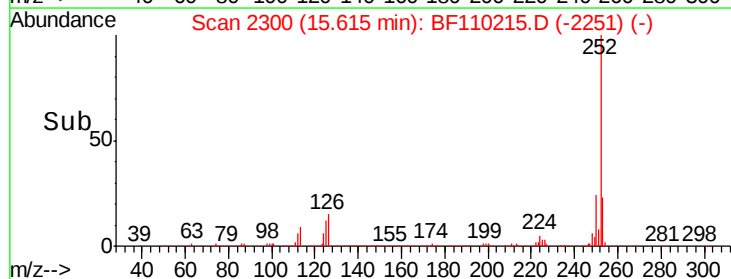
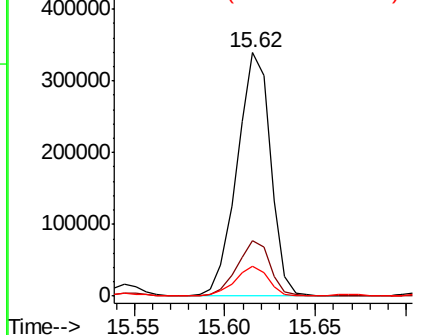


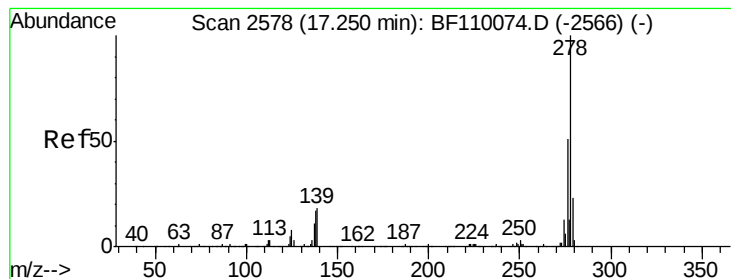
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

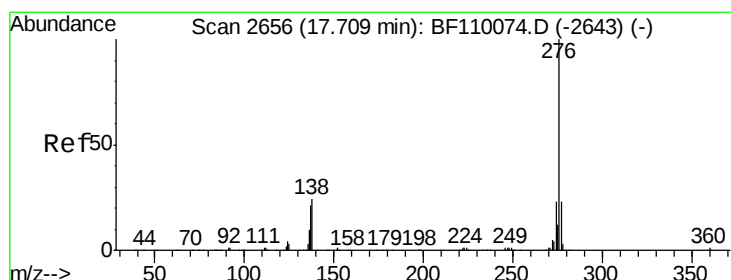
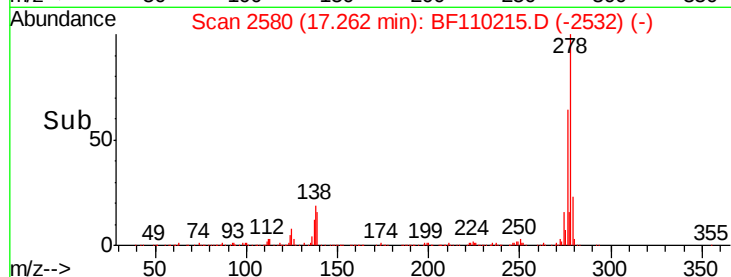
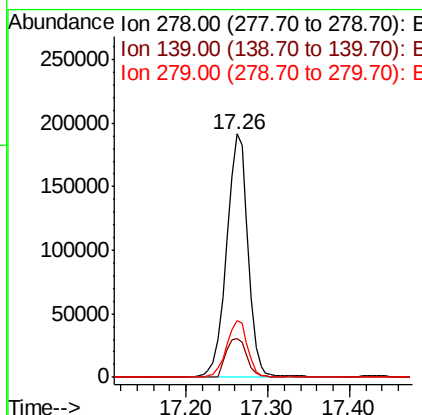
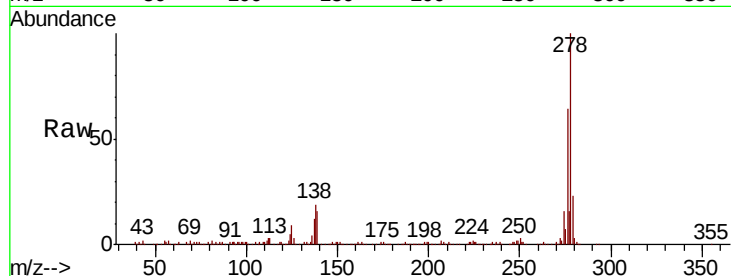




#91
Dibenzo(a,h)anthracene
Concen: 43.448 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	23.2	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 42.890 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF110215.D
Acq: 26 Oct 2018 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	23.3	16.0	24.0

