

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110068.D
 Acq On : 23 Oct 2018 00:50
 Operator : JU/SJ
 Sample : PB114045BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 02:13:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173607	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	699828	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	312334	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	505750	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	318700	20.00	ng	-0.01
87) Perylene-d12	15.67	264	254968	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	613785	56.04	ng	0.00
7) Phenol-d6	6.59	99	772917	56.83	ng	-0.02
23) Nitrobenzene-d5	7.53	82	691486	66.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	160455	59.34	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1286721	65.74	ng	-0.01
79) Terphenyl-d14	13.09	244	988173	65.11	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.92	88	117776	18.934	ng	92
3) Pyridine	3.67	79	329705	23.774	ng	87
4) n-Nitrosodimethylamine	3.63	42	158440	28.006	ng	96
6) Aniline	6.63	93	325891	17.782	ng	# 53
8) 2-Chlorophenol	6.75	128	358081	29.188	ng	97
9) Benzaldehyde	6.52	77	201346	22.782	ng	98
10) Phenol	6.60	94	419820	28.592	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	325056	26.477	ng	92
12) 1,3-Dichlorobenzene	6.91	146	367823	27.343	ng	97
13) 1,4-Dichlorobenzene	6.99	146	371930	27.453	ng	98
14) 1,2-Dichlorobenzene	7.14	146	347474	27.852	ng	100
15) Benzyl Alcohol	7.10	79	297191	28.405	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	536809	26.640	ng	68
17) 2-Methylphenol	7.21	107	284058	28.714	ng	# 81
18) Hexachloroethane	7.48	117	127328	26.595	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	234546	26.860	ng	96
20) 3+4-Methylphenols	7.36	107	358783	28.580	ng	93
22) Acetophenone	7.37	105	470610	28.997	ng	# 97
24) Nitrobenzene	7.55	77	353280	31.303	ng	95
25) Isophorone	7.79	82	642926	31.496	ng	95
26) 2-Nitrophenol	7.87	139	163409	34.922	ng	89
27) 2,4-Dimethylphenol	7.89	122	322306	32.780	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	416228	29.711	ng	99
29) 2,4-Dichlorophenol	8.10	162	283519	29.725	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	301992	28.277	ng	98
31) Naphthalene	8.27	128	993819	30.968	ng	100
32) Benzoic acid	7.98	122	113627	18.548	ng	96
33) 4-Chloroaniline	8.32	127	218249	15.129	ng	95
34) Hexachlorobutadiene	8.39	225	167947	28.518	ng	100
35) Caprolactam	8.68	113	62600	18.480	ng	88
36) 4-Chloro-3-methylphenol	8.79	107	296733	29.490	ng	98
37) 2-Methylnaphthalene	8.97	142	678718	32.662	ng	97
38) 1-Methylnaphthalene	9.07	142	632864	31.429	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	290198	30.165	ng	98

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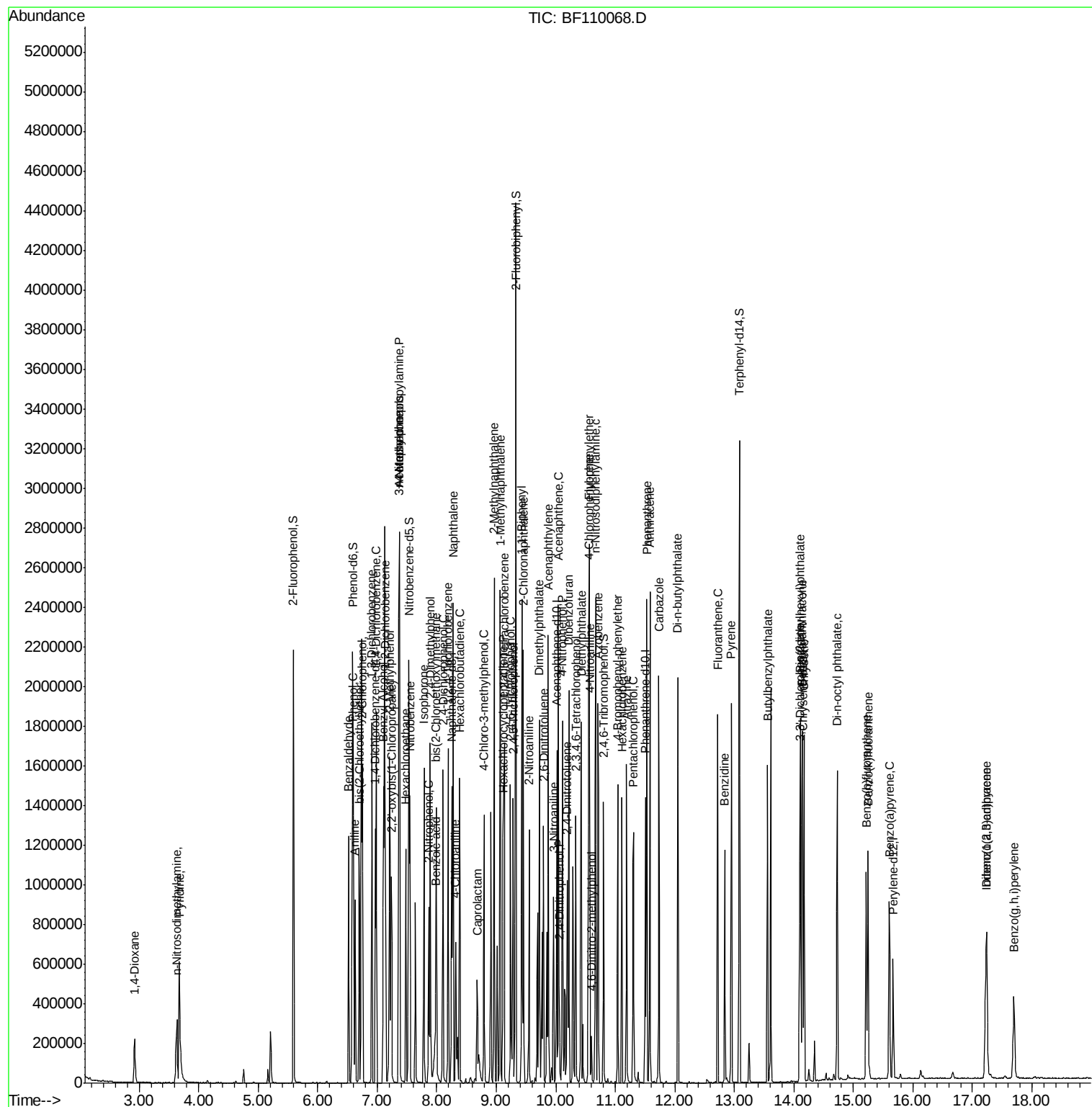
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	177466	38.220	nq	98
43) 2,4,6-Trichlorophenol	9.24	196	186408	30.988	nq	97
44) 2,4,5-Trichlorophenol	9.28	196	196085	31.407	nq	95
46) 1,1'-Biphenyl	9.43	154	816323	29.335	nq	99
47) 2-Chloronaphthalene	9.46	162	608848	29.703	nq	99
48) 2-Nitroaniline	9.55	65	189313	35.989	nq	96
49) Acenaphthylene	9.87	152	937203	31.473	nq	98
50) Dimethylphthalate	9.73	163	721246	32.612	nq	99
51) 2,6-Dinitrotoluene	9.79	165	150689	35.873	nq	90
52) Acenaphthene	10.05	154	585337	30.875	nq	96
53) 3-Nitroaniline	9.96	138	132560	25.943	nq	90
54) 2,4-Dinitrophenol	10.06	184	30466	29.141	nq	97
55) Dibenzofuran	10.22	168	814965	30.143	nq	95
56) 4-Nitrophenol	10.12	139	299681	76.863	nq	97
57) 2,4-Dinitrotoluene	10.20	165	189983	36.968	nq	# 80
58) Fluorene	10.56	166	623516	31.680	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	152720	30.865	nq	98
60) Diethylphthalate	10.43	149	689883	31.583	nq	98
61) 4-Chlorophenyl-phenylether	10.55	204	305186	29.768	nq	99
62) 4-Nitroaniline	10.57	138	140162	28.977	nq	91
63) Azobenzene	10.71	77	644604	28.248	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	28871	21.067	nq	97
66) n-Nitrosodiphenylamine	10.67	169	558527	33.158	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	180267	32.889	nq	98
68) Hexachlorobenzene	11.11	284	177774	30.416	nq	96
69) Atrazine	11.19	200	178925	34.005	nq	99
70) Pentachlorophenol	11.30	266	142923	42.968	nq	96
71) Phenanthrene	11.53	178	834388	31.868	nq	100
72) Anthracene	11.58	178	867296	32.948	nq	99
73) Carbazole	11.73	167	723824	27.979	nq	99
74) Di-n-butylphthalate	12.05	149	967631	33.515	nq	99
75) Fluoranthene	12.72	202	763553	29.192	nq	98
77) Benzidine	12.84	184	436878	35.753	nq	98
78) Pyrene	12.95	202	744994	31.827	nq	99
80) Butylbenzylphthalate	13.56	149	341367	36.072	nq	95
81) Benzo(a)anthracene	14.14	228	590516	31.457	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	177301	26.941	nq	94
83) Chrysene	14.17	228	560489	31.368	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	461588	37.069	nq	96
85) Di-n-octyl phthalate	14.73	149	700884	39.923	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	429500	29.854	nq	# 95
88) Benzo(b)fluoranthene	15.22	252	464972	31.632	nq	98
89) Benzo(k)fluoranthene	15.24	252	472767	32.630	nq	# 98
90) Benzo(a)pyrene	15.60	252	432182	31.968	nq	97
91) Dibenzo(a,h)anthracene	17.24	278	365032	30.467	nq	98
92) Benzo(g,h,i)perylene	17.70	276	342408	28.286	nq	# 95

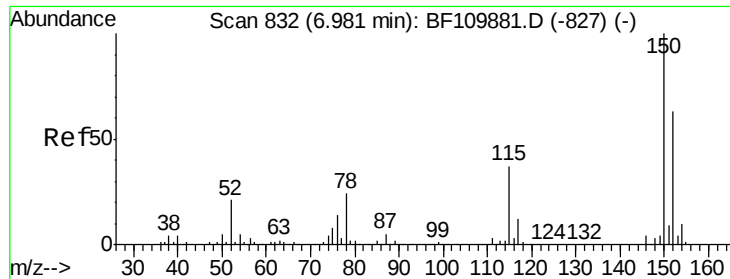
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

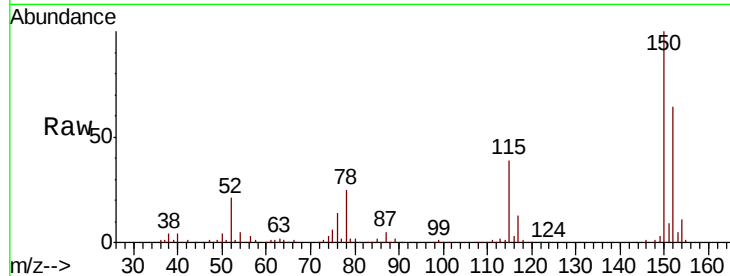
Tot Ion:152 Resp: 173607

Ion Ratio Lower Upper

152 100

150 156.3 122.7 184.1

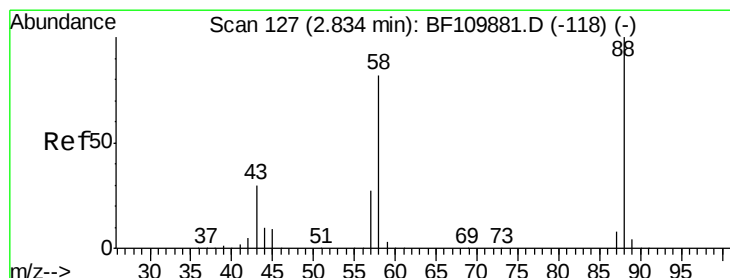
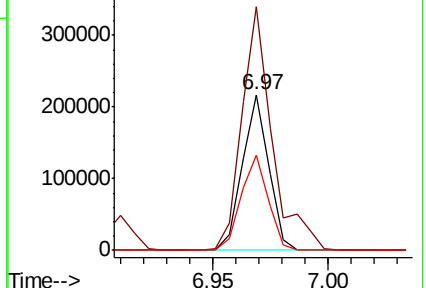
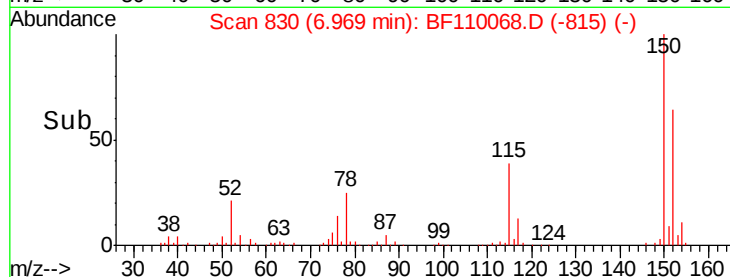
115 61.4 49.1 73.7



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: 18.934 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.08 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

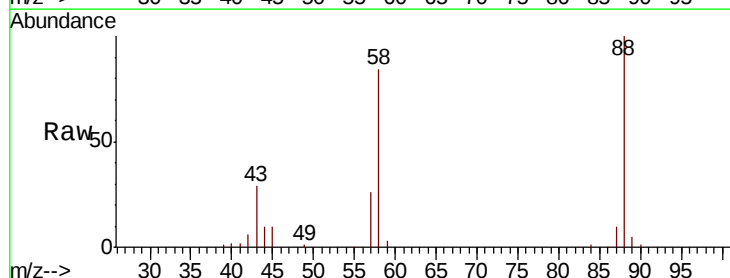
Tgt Ion: 88 Resp: 117776

Ion Ratio Lower Upper

88 100

58 80.9 57.1 85.7

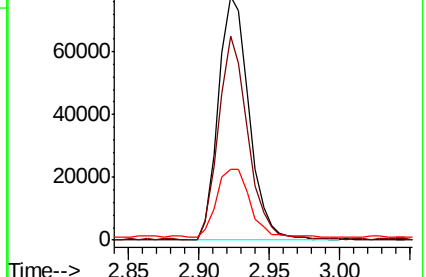
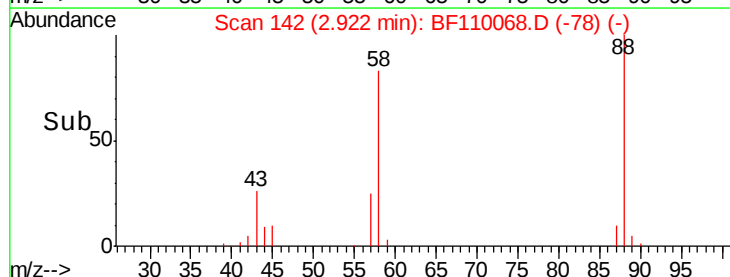
43 30.4 24.1 36.1

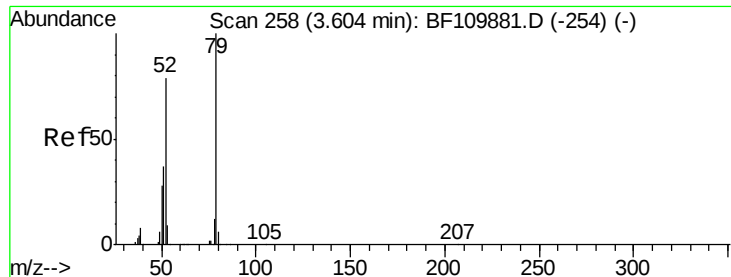


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 23.774 ng

RT: 3.67 min Scan# 270

Delta R.T. 0.06 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

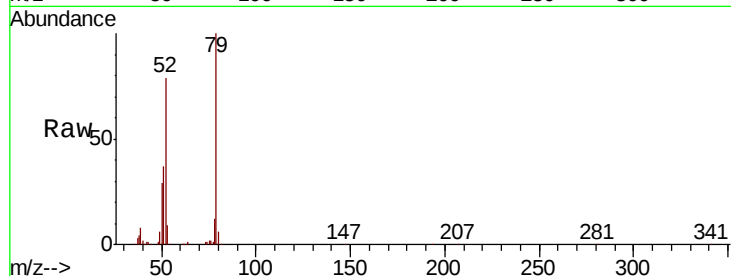
Tot Ion: 79 Resp: 329705

Ion Ratio Lower Upper

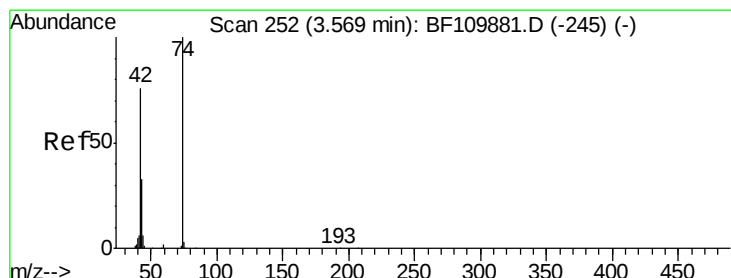
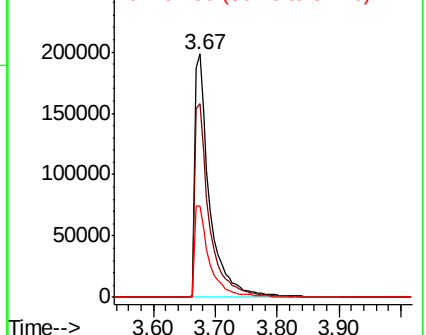
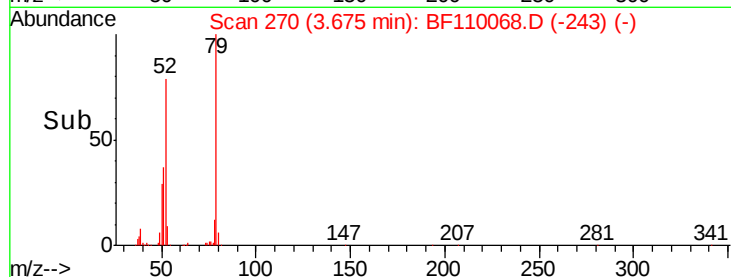
79 100

52 79.4 53.1 79.7

51 37.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 28.006 ng

RT: 3.63 min Scan# 263

Delta R.T. 0.05 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

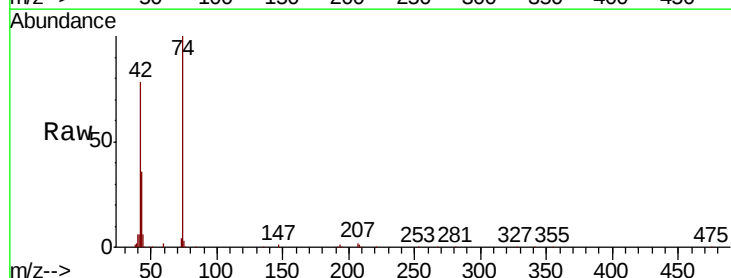
Tgt Ion: 42 Resp: 158440

Ion Ratio Lower Upper

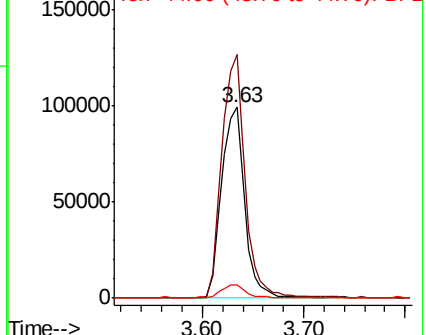
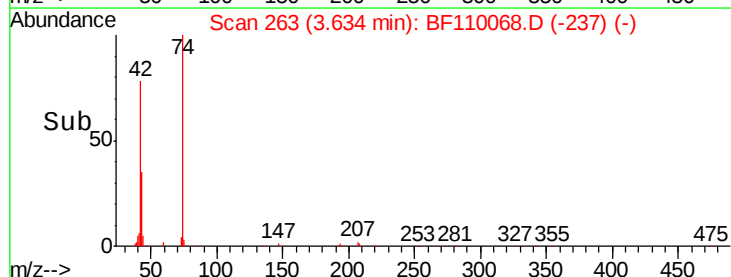
42 100

74 127.5 105.5 158.3

44 7.0 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 56.042 ng

RT: 5.60 min Scan# 597

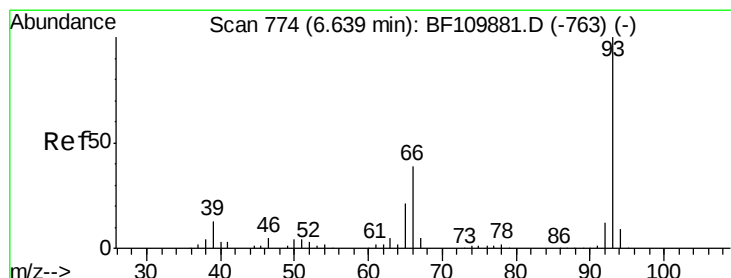
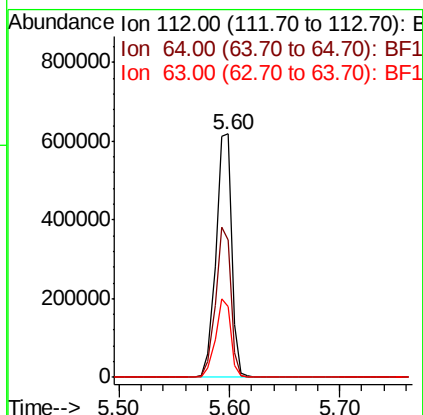
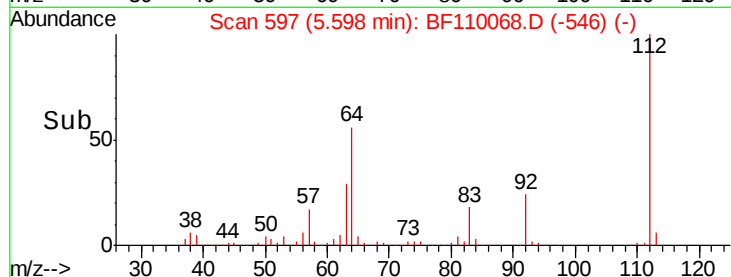
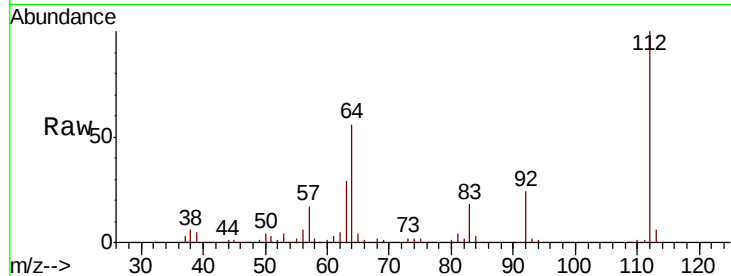
Delta R.T. -0.00 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	613785
Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.1	66.1
63	29.2	23.7	35.5



#6

Aniline

Concen: 17.782 ng

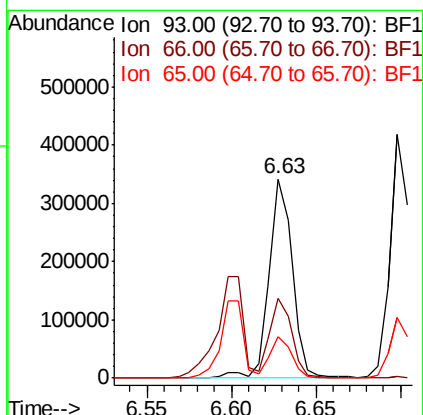
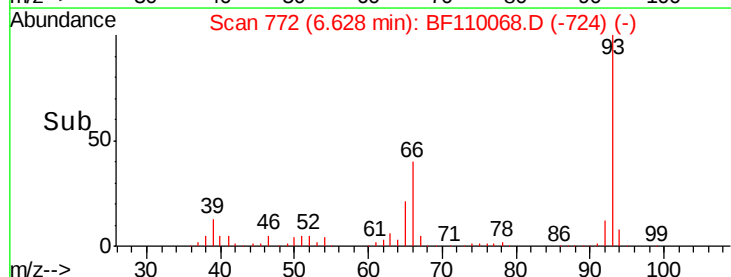
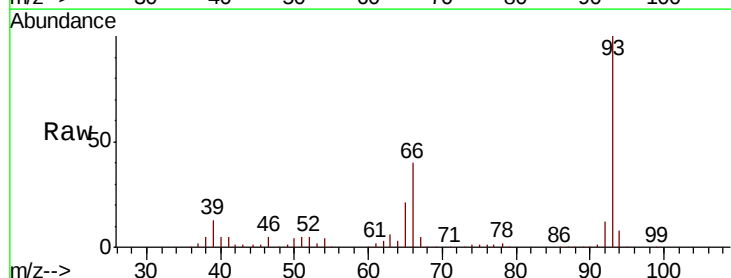
RT: 6.63 min Scan# 772

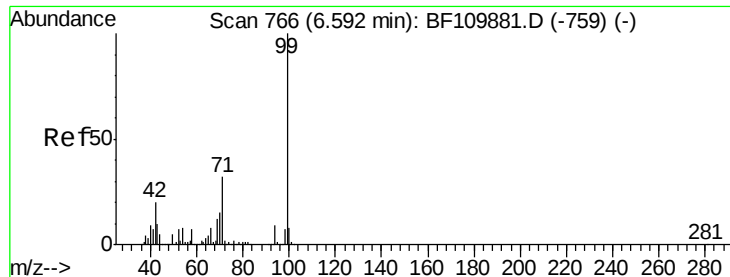
Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:	93	Resp:	325891
Ion	Ratio	Lower	Upper
93	100		
66	40.4	67.4	101.0#
65	20.6	41.0	61.4#





#7

Phenol-d6

Concen: 56.833 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

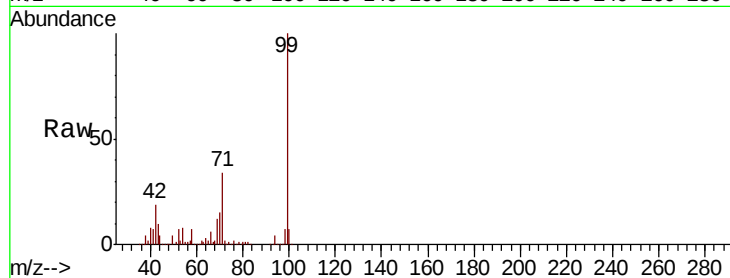
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 772917

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	33.7	28.0	42.0

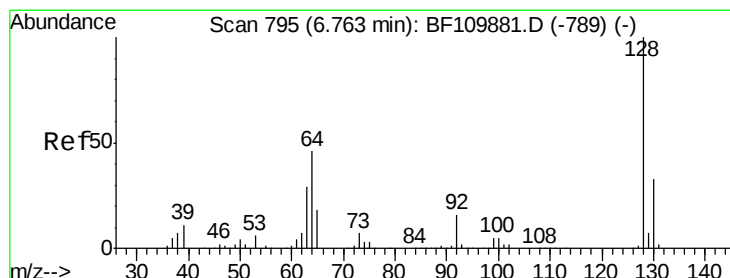
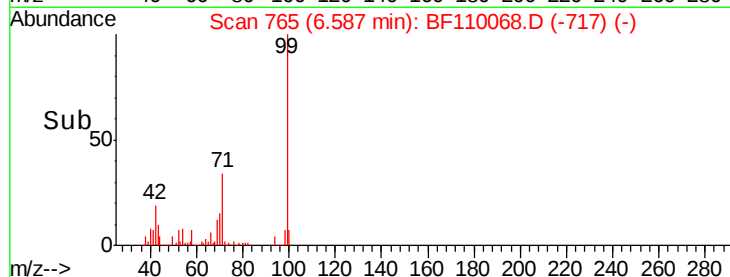
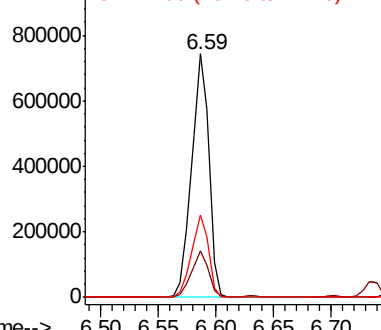


Abundance

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: 29.188 ng

RT: 6.75 min Scan# 793

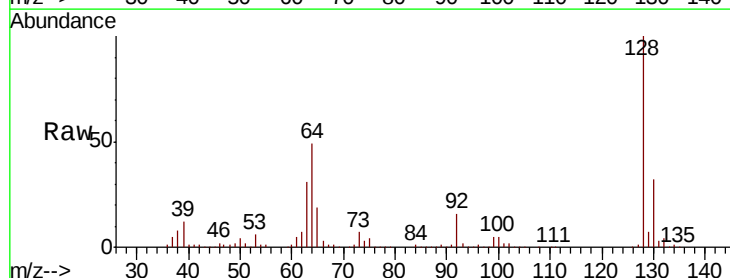
Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion: 128 Resp: 358081

Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.1	53.1
64	48.7	26.0	66.0

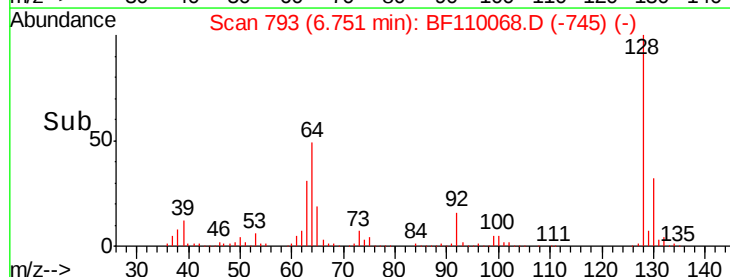
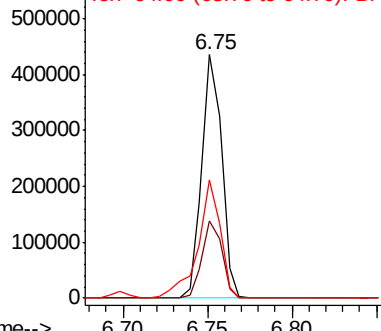


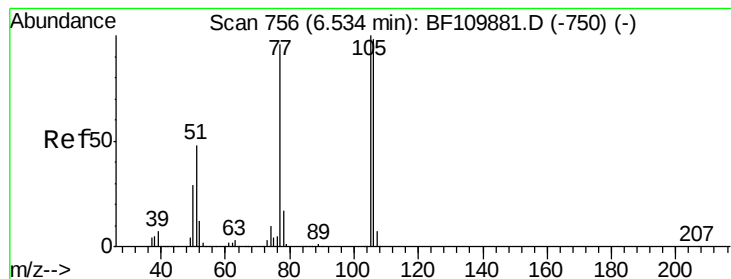
Abundance

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: 22.782 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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Acq: 23 Oct 2018 00:50

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ClientSampleId :

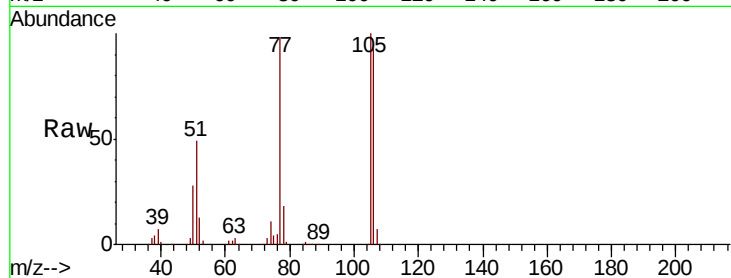
Tot Ion: 77 Resp: 201346

Ion Ratio Lower Upper

77 100

105 102.3 78.6 118.6

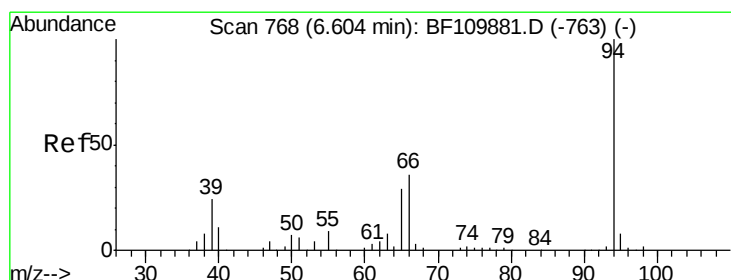
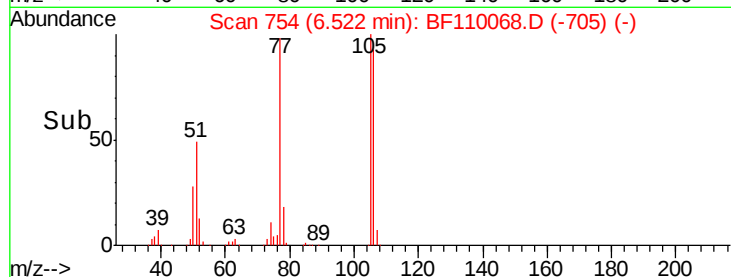
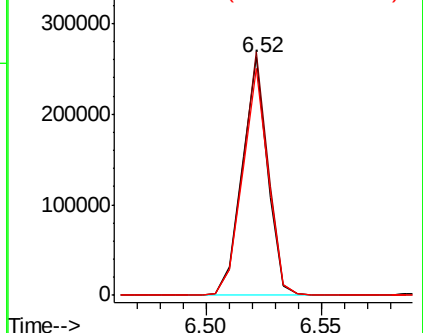
106 95.4 74.8 114.8



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: 28.592 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

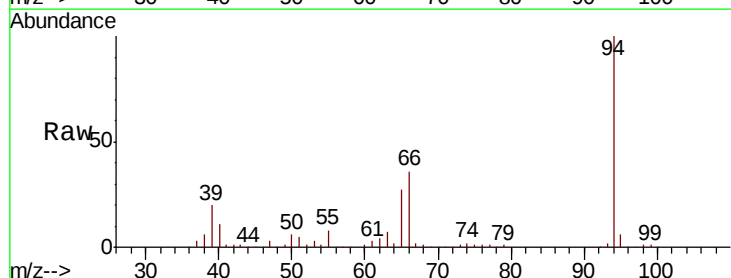
Tgt Ion: 94 Resp: 419820

Ion Ratio Lower Upper

94 100

65 27.0 25.3 65.3

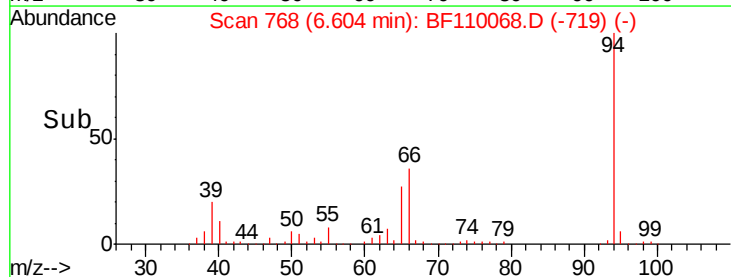
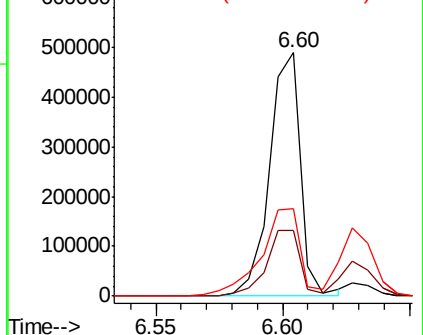
66 35.7 54.5 94.5#

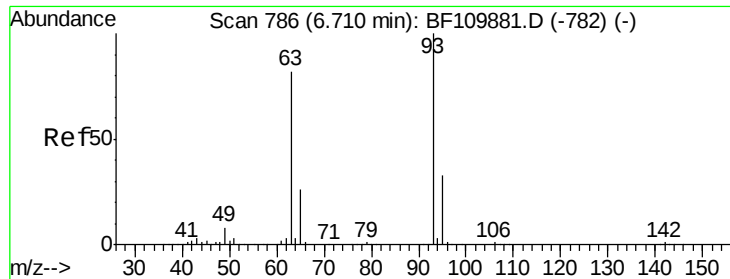


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

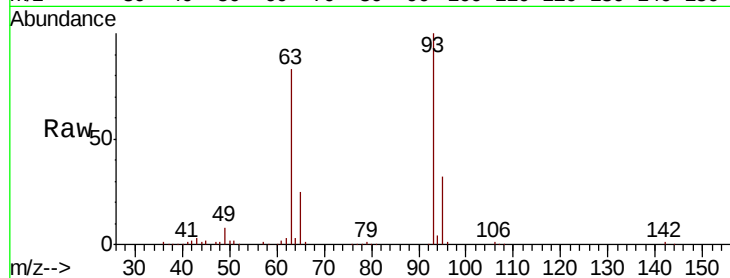




#11
bis(2-Chloroethyl)ether
Concen: 26.477 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	53.4	93.4
95	32.5	12.1	52.1

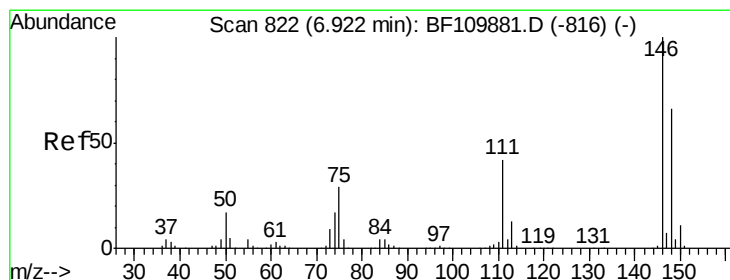
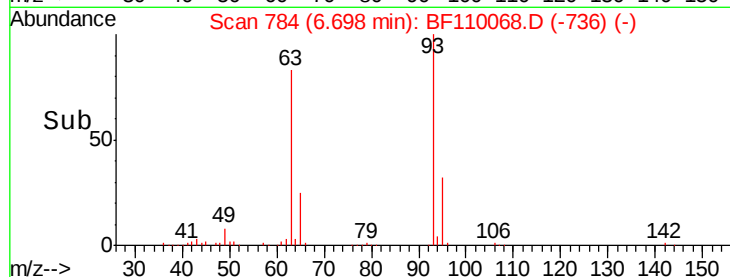
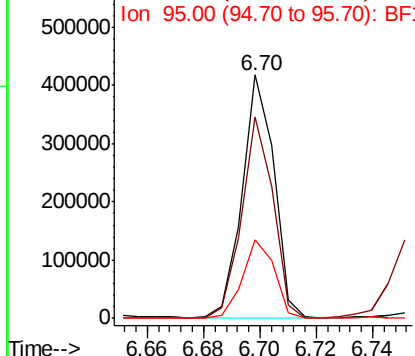


Abundance

Ion 93.00 (92.70 to 93.70): BF1

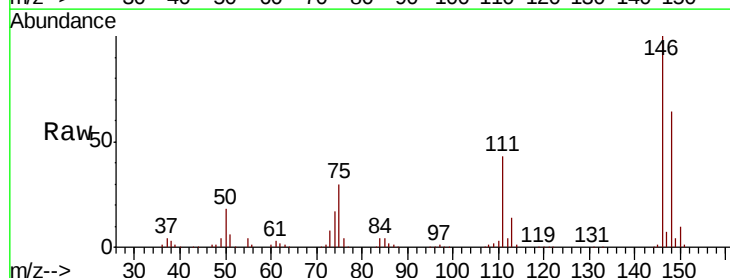
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 27.343 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
75	29.5	25.8	38.6

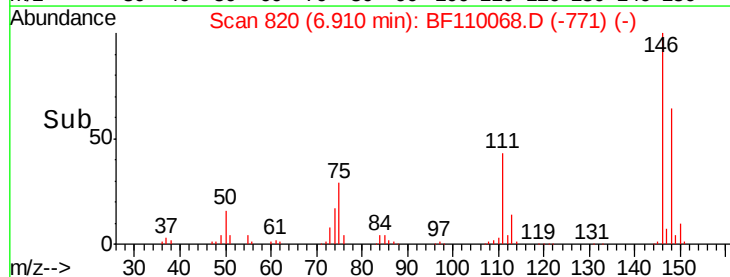
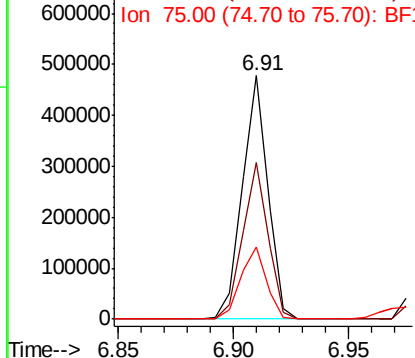


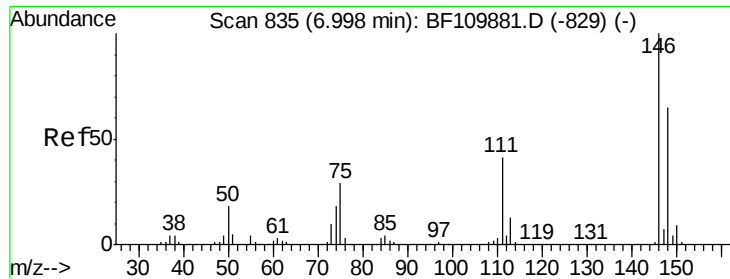
Abundance

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

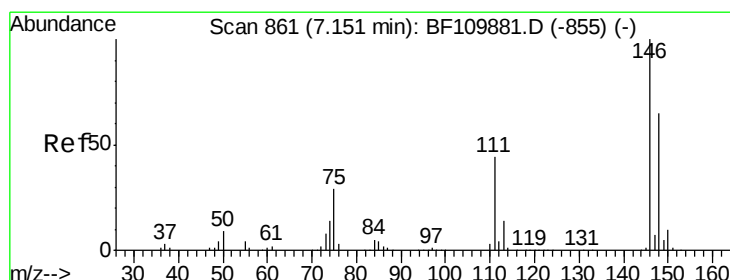
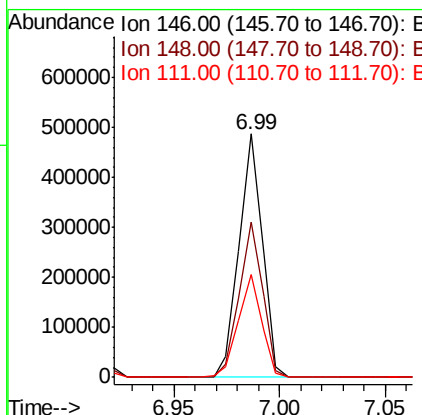
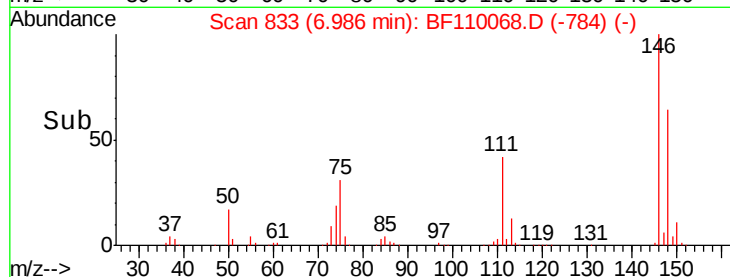
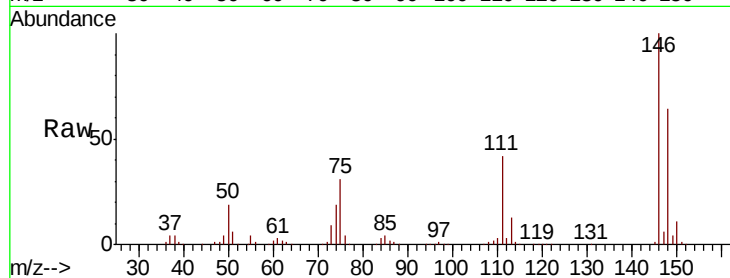




#13
 1,4-Dichlorobenzene
 Concen: 27.453 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

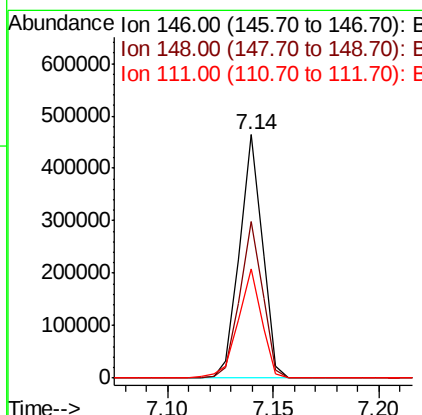
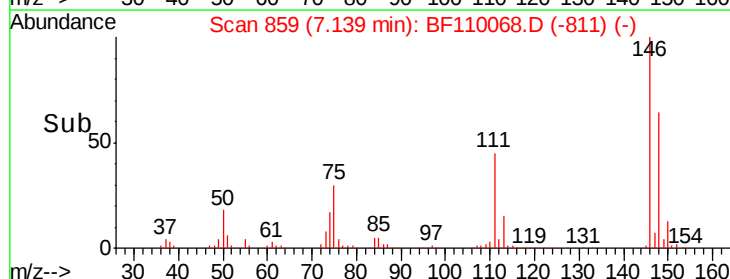
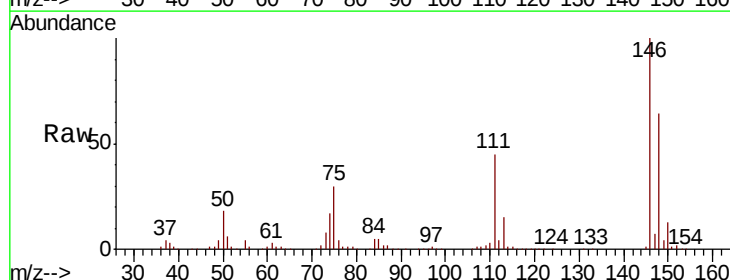
Instrument :
 BNA_F
 ClientSampleId :

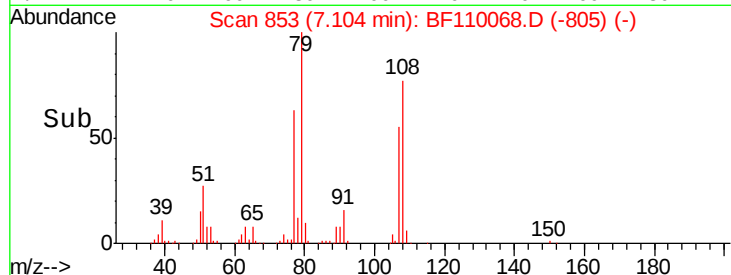
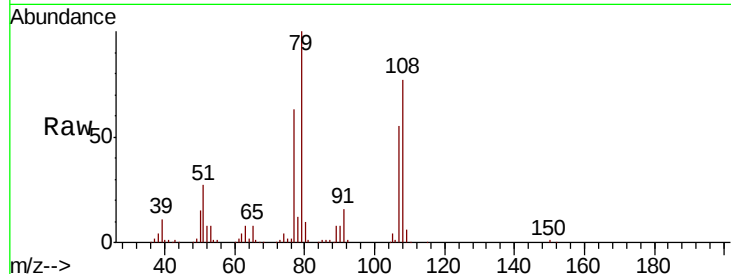
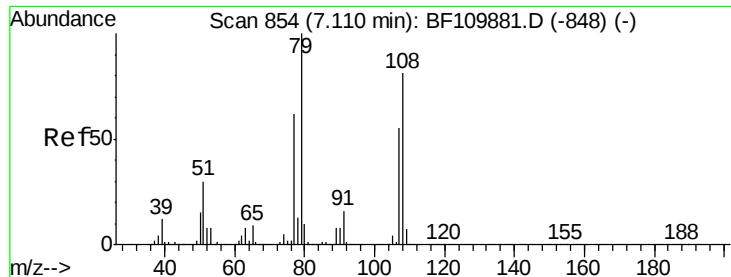
Tot Ion:146 Resp: 371930
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 42.3 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 27.852 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion:146 Resp: 347474
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 44.7 35.8 53.6

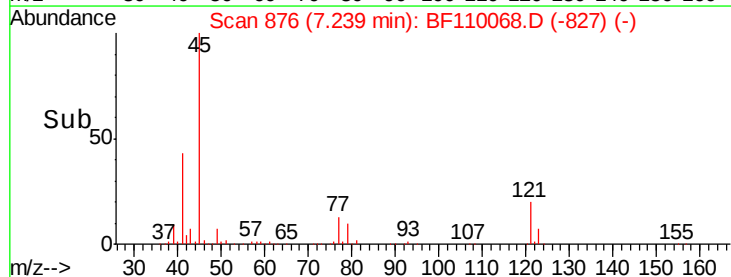
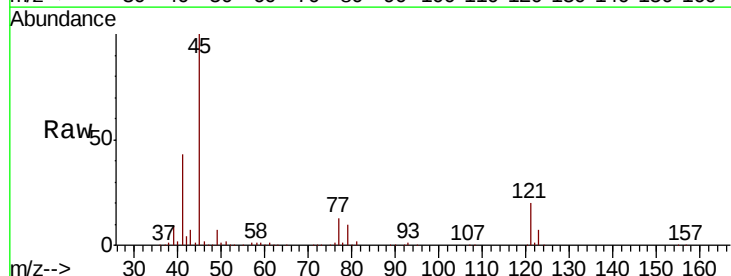
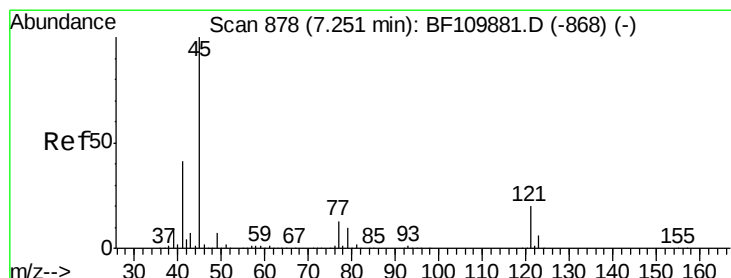
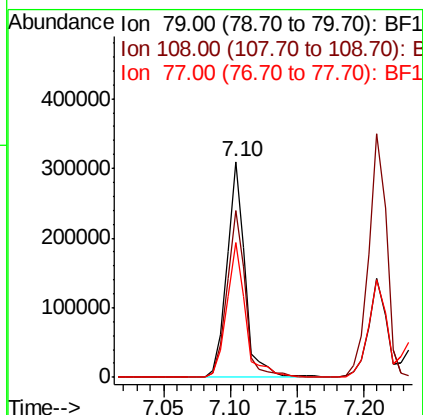




#15
Benzyl Alcohol
Concen: 28.405 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

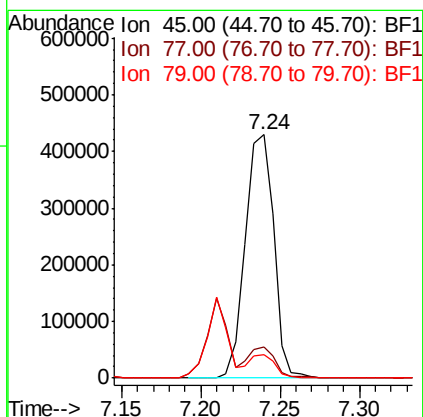
Instrument :
BNA_F
ClientSampled :

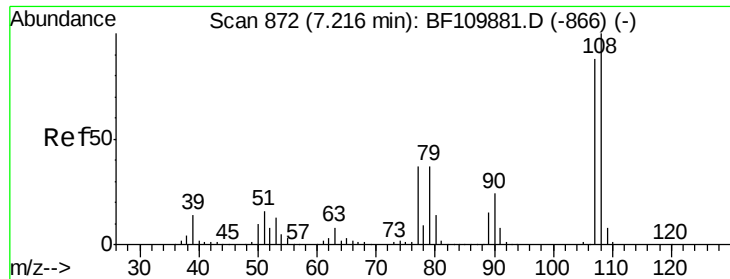
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	56.3	84.5
77	62.5	52.9	79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 26.640 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	10.0	50.0
79	9.9	6.1	46.1

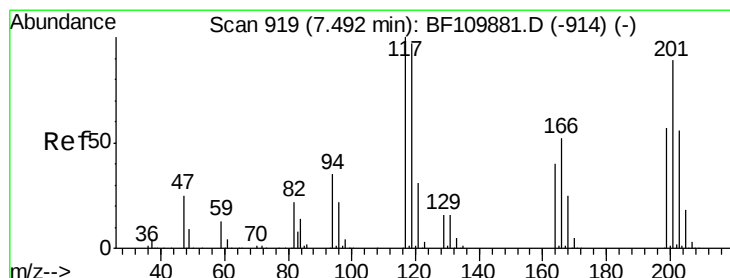
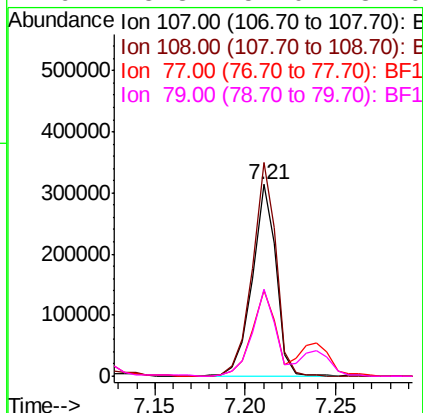
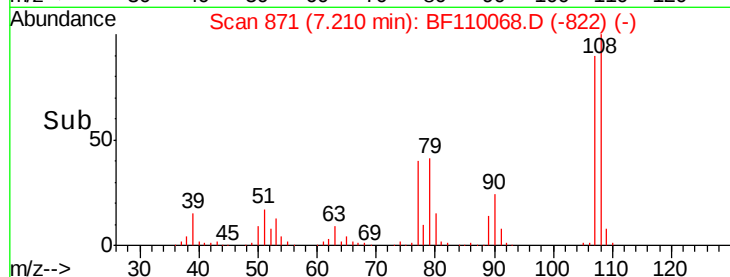
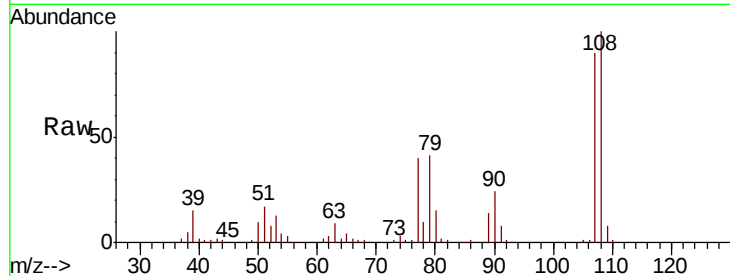




#17
2-Methylphenol
Concen: 28.714 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

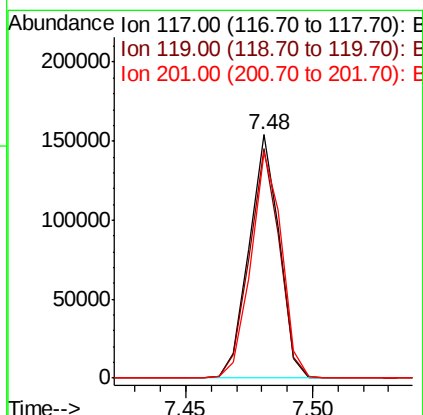
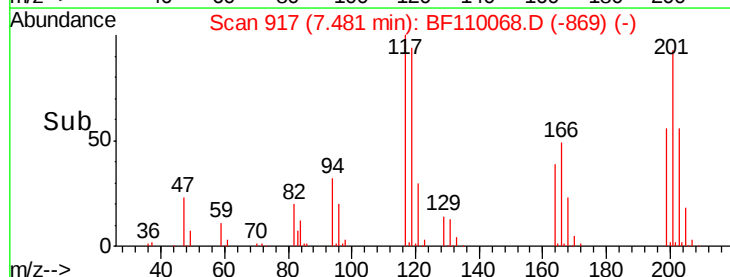
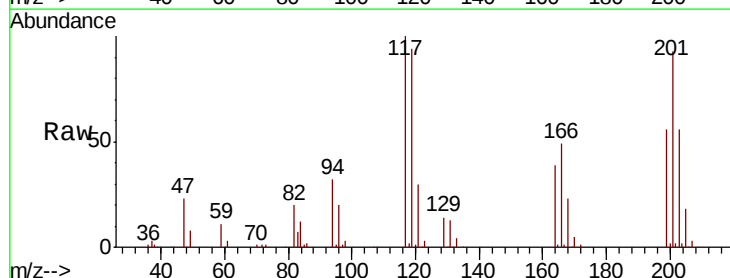
Instrument :
BNA_F
ClientSampleId :

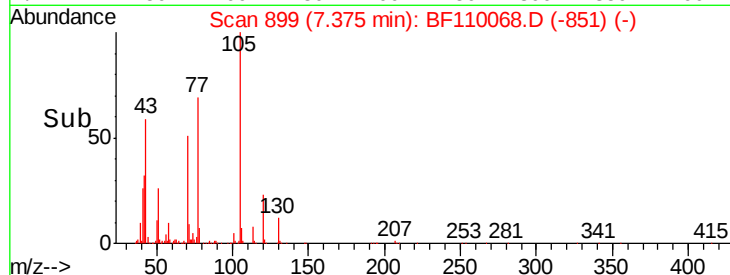
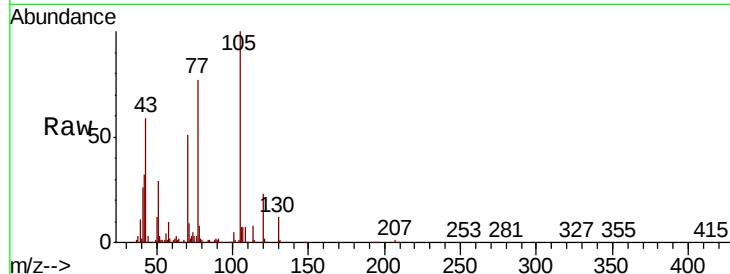
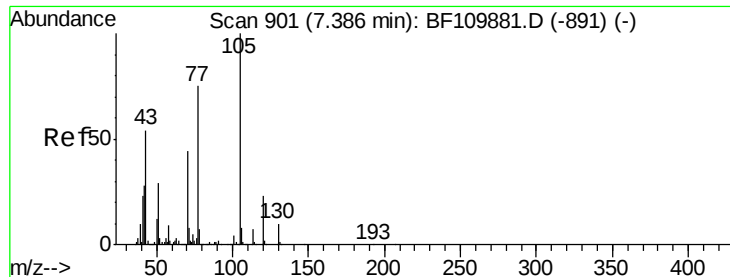
Tot Ion:107 Resp: 284058
Ion Ratio Lower Upper
107 100
108 111.4 92.6 138.8
77 44.7 59.4 89.2#
79 45.3 54.0 81.0#



#18
Hexachloroethane
Concen: 26.595 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:117 Resp: 127328
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.6
201 92.6 79.2 118.8

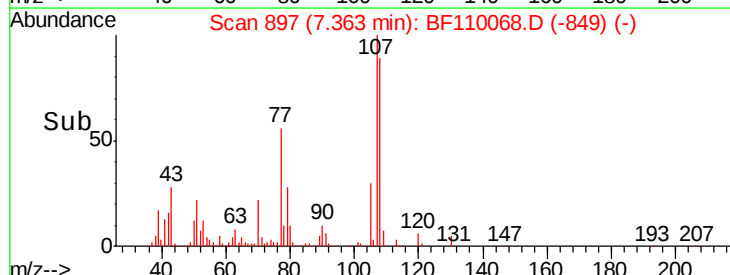
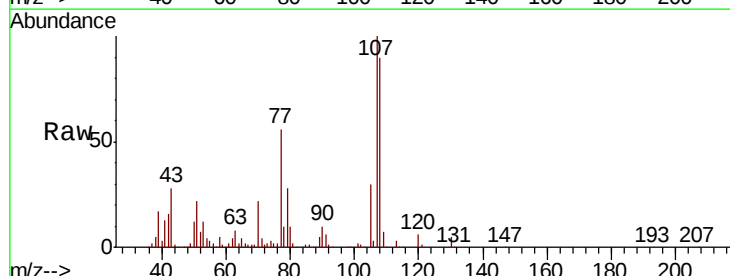
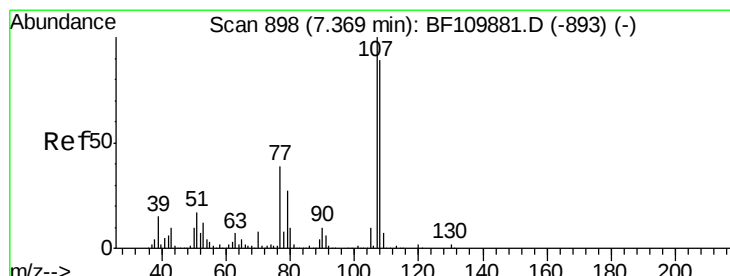
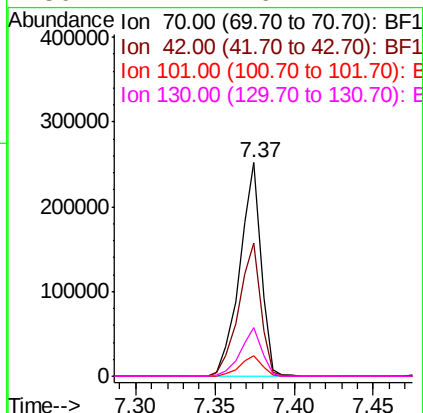




#19
n-Nitroso-di-n-propylamine
Concen: 26.860 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

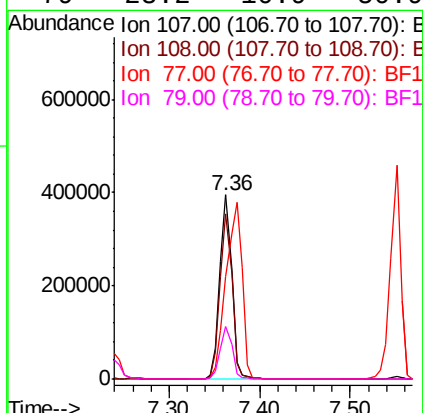
Instrument :
BNA_F
ClientSampleId :

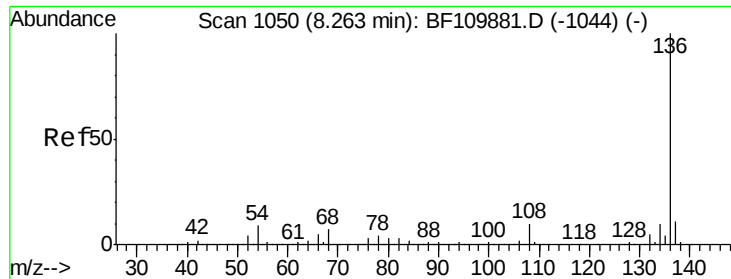
Tot Ion:	70	Resp:	234546
Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.4	71.2
101	9.6	7.3	10.9
130	22.7	16.2	24.2



#20
3+4-Methylphenols
Concen: 28.580 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:	107	Resp:	358783
Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	56.0	47.3	87.3
79	28.2	10.9	50.9

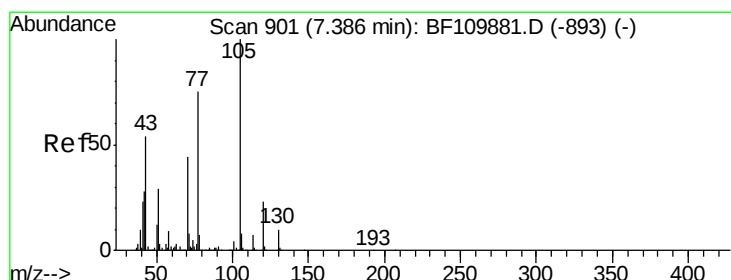
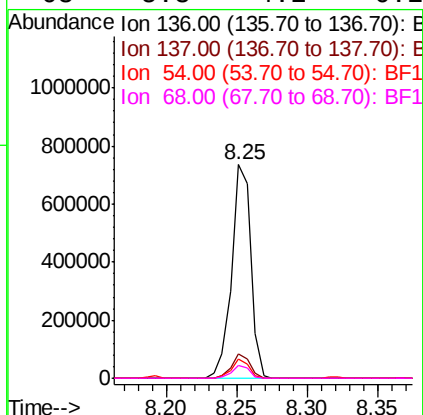
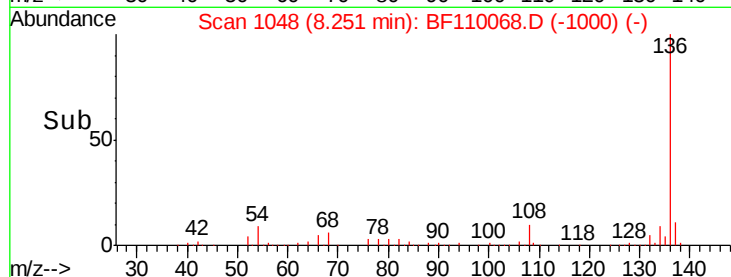
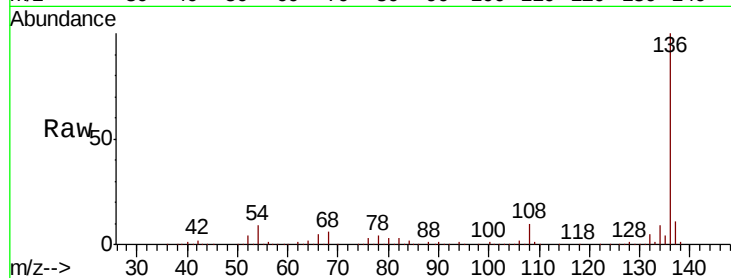




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

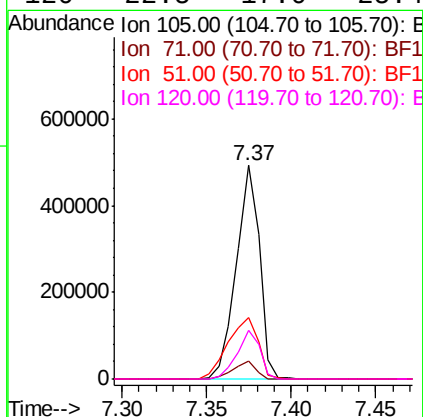
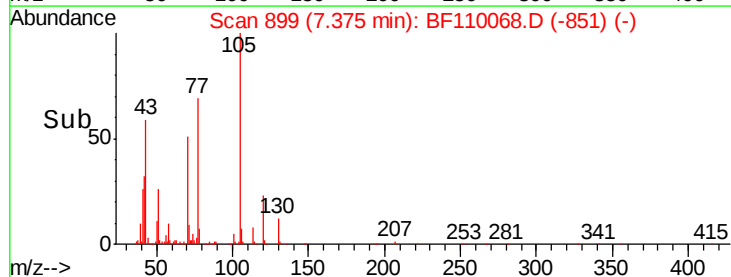
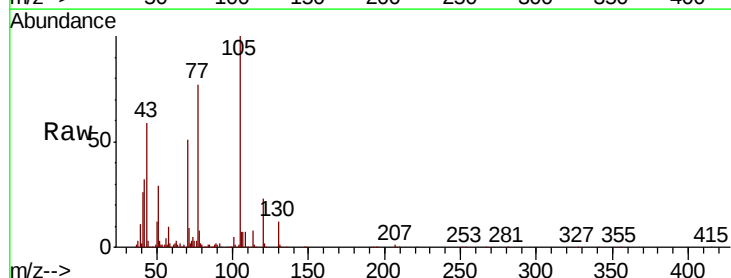
Instrument :
BNA_F
ClientSampleId :

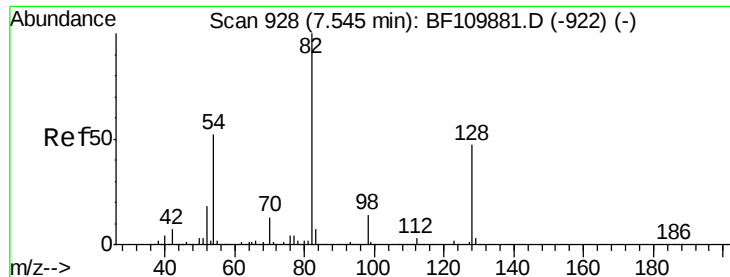
Tot Ion:136	Resp:	699828
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	8.9	5.4 8.2#
68	5.8	4.2 6.2



#22
Acetophenone
Concen: 28.997 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:105	Resp:	470610
Ion Ratio	Lower	Upper
105	100	
71	8.6	5.2 7.8#
51	29.0	21.8 32.8
120	22.5	17.0 25.4

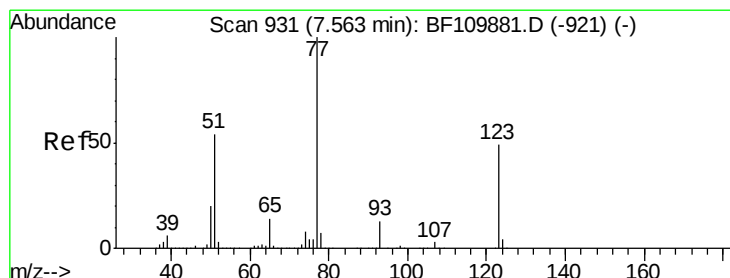
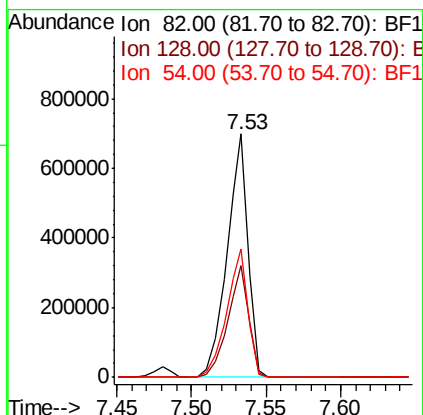
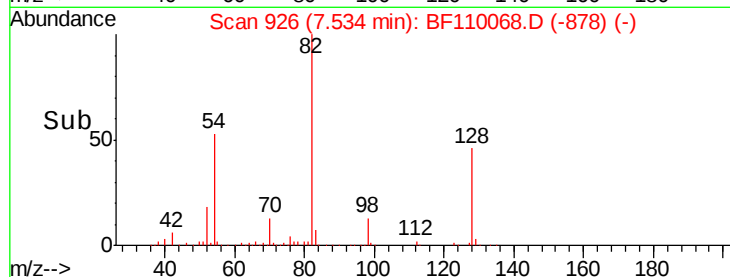
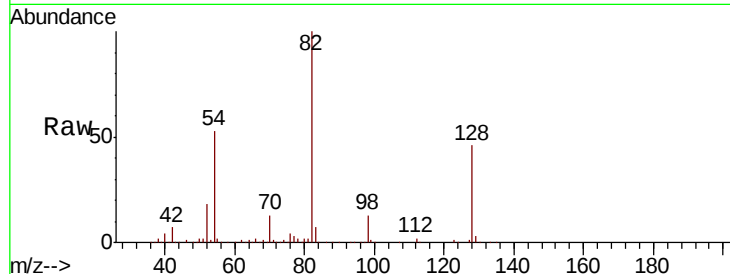




#23
Nitrobenzene-d5
Concen: 66.561 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

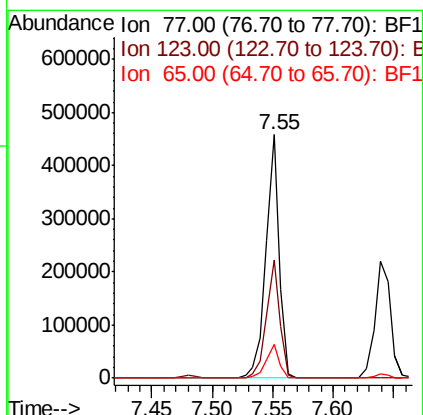
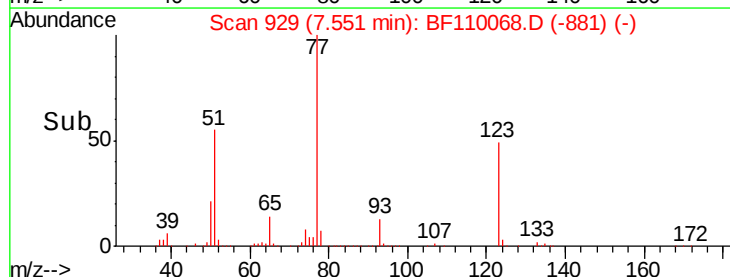
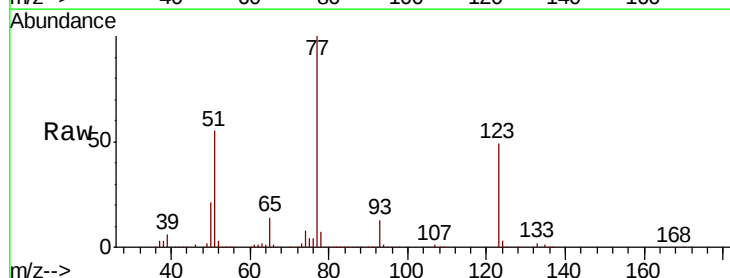
Instrument :
BNA_F
ClientSampled :

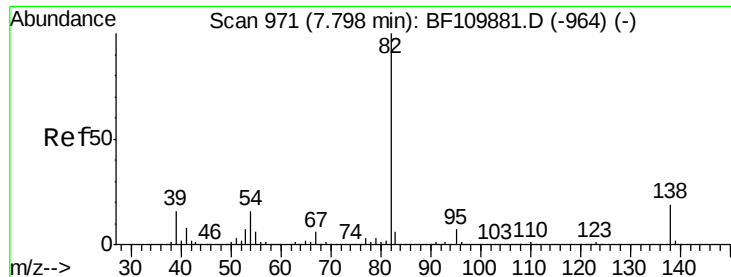
Tot Ion	82	Resp	691486
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.2	51.2
54	52.9	38.6	58.0



#24
Nitrobenzene
Concen: 31.303 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	77	Resp	353280
Ion Ratio	Lower	Upper	
77	100		
123	48.6	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 31.496 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

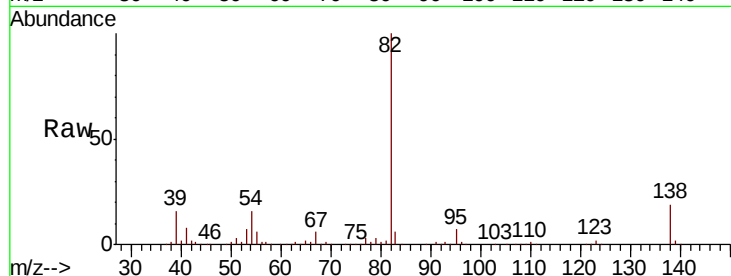
Tot Ion: 82 Resp: 642926

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

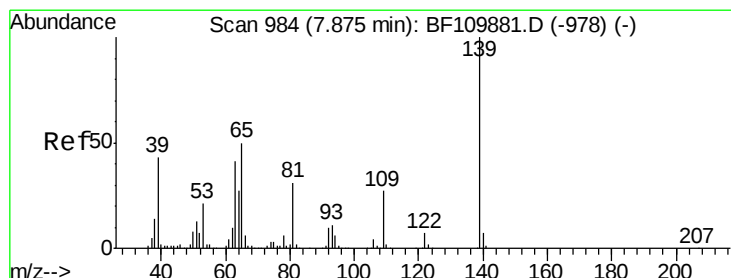
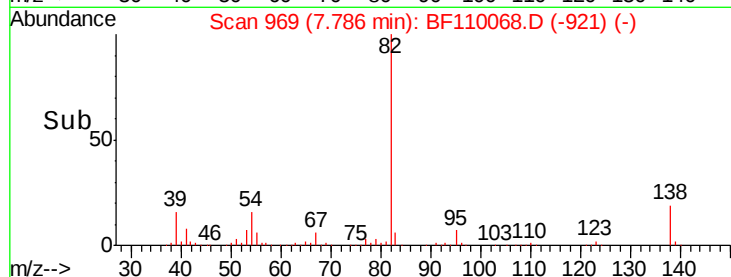
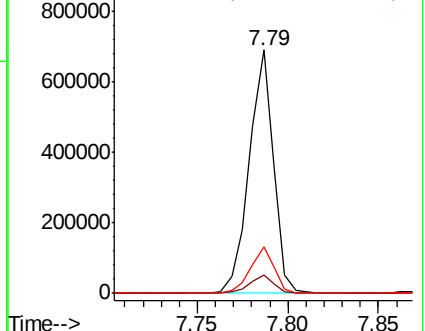
138 19.2 13.2 19.8



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: 34.922 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

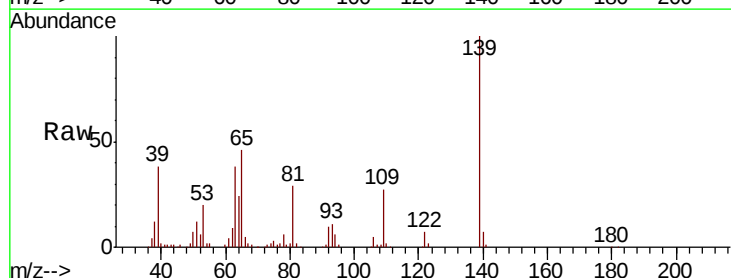
Tgt Ion: 139 Resp: 163409

Ion Ratio Lower Upper

139 100

109 27.1 25.0 37.6

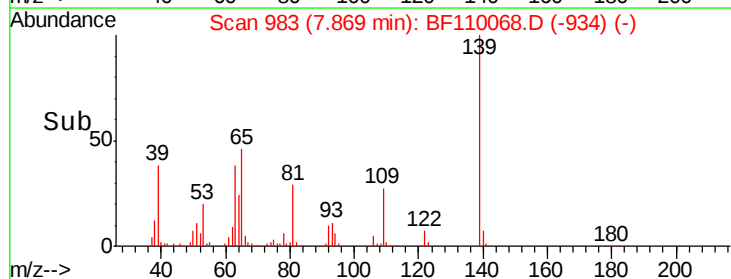
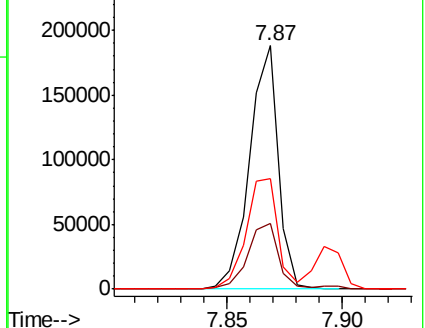
65 45.6 44.0 66.0

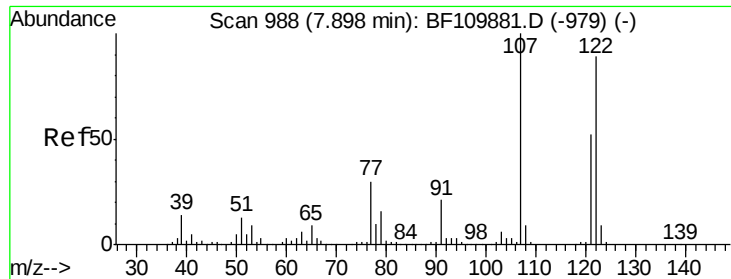


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 32.780 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampled :

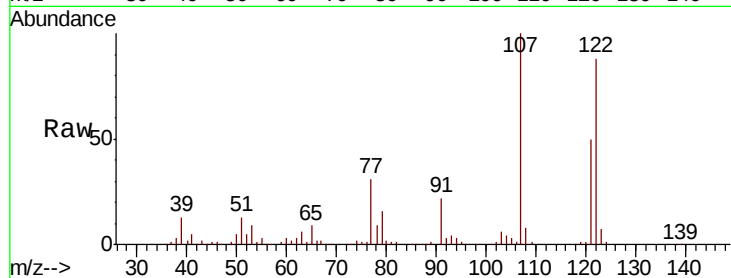
Tot Ion:122 Resp: 322306

Ion Ratio Lower Upper

122 100

107 113.6 92.5 138.7

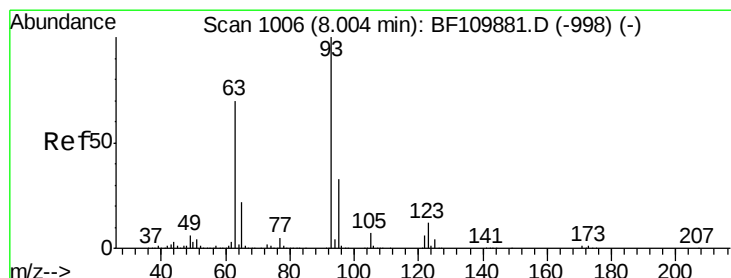
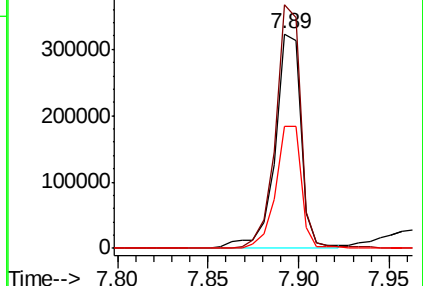
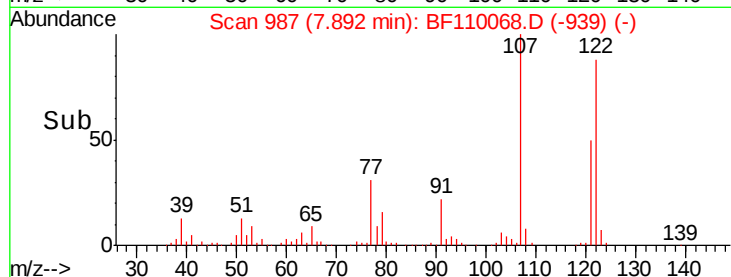
121 56.8 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 29.711 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

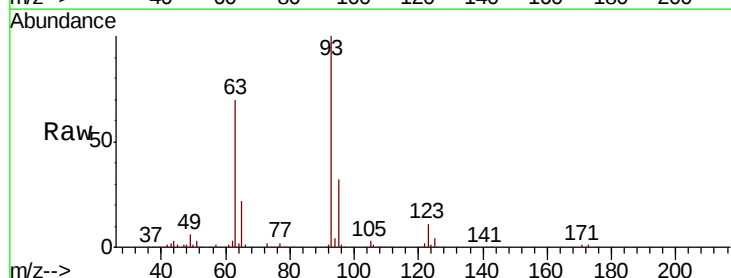
Tgt Ion: 93 Resp: 416228

Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

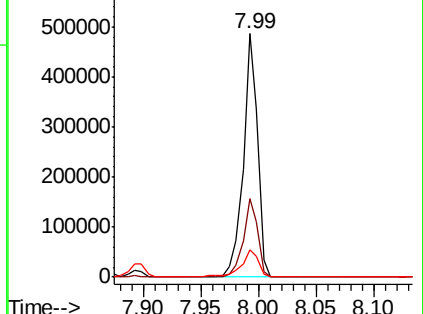
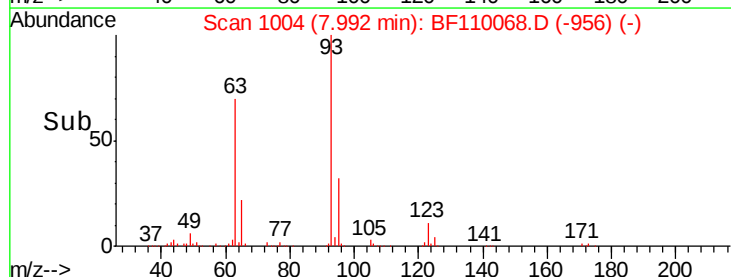
123 11.3 9.0 13.6

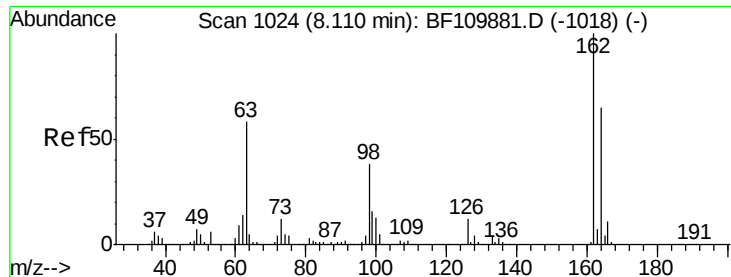


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

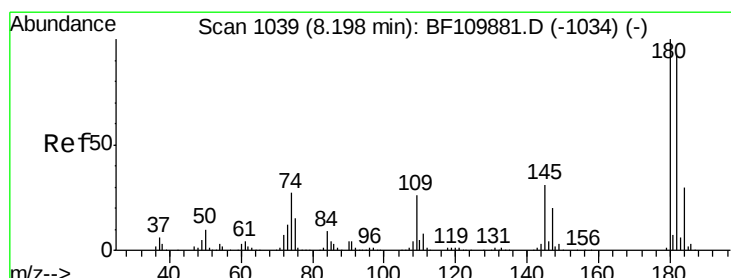
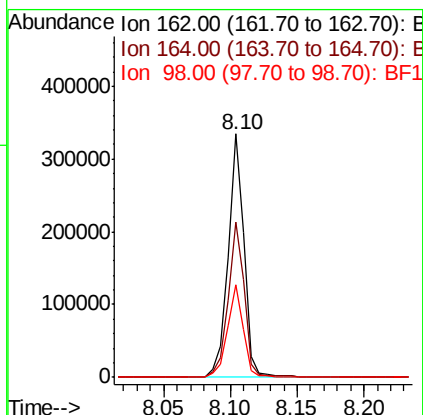
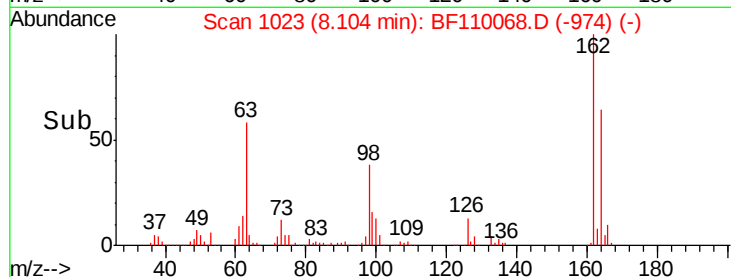
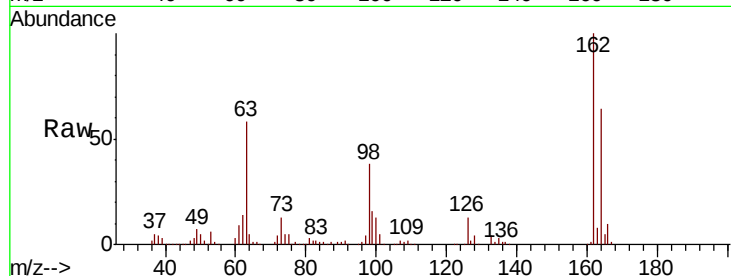




#29
2,4-Dichlorophenol
Concen: 29.725 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

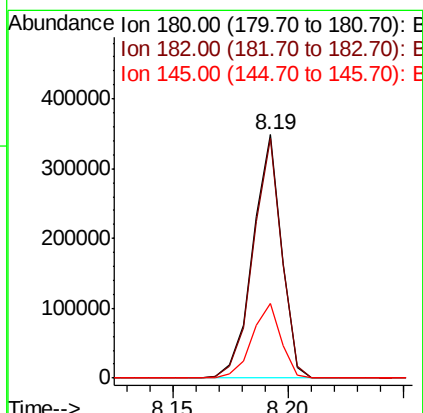
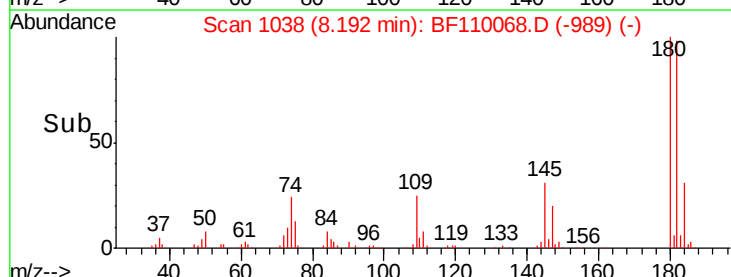
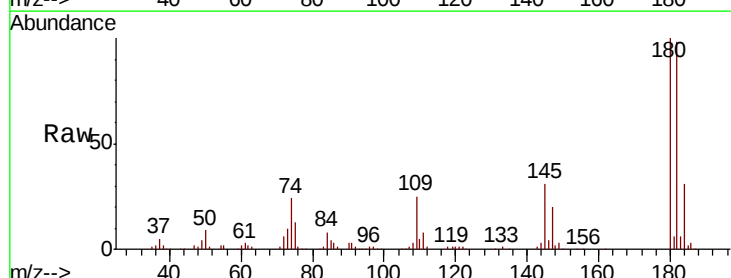
Instrument :
BNA_F
ClientSampleId :

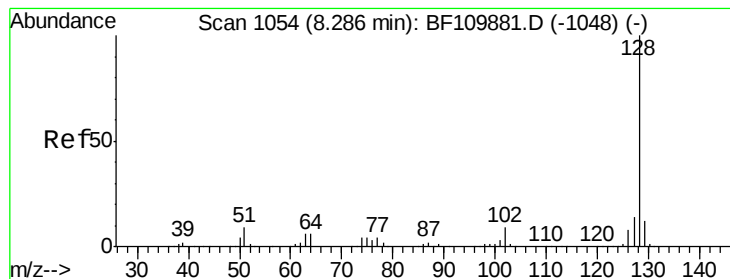
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	38.3	17.4	57.4



#30
1,2,4-Trichlorobenzene
Concen: 28.277 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	80.3	120.5
145	30.8	25.4	38.0





#31

Naphthalene

Concen: 30.968 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

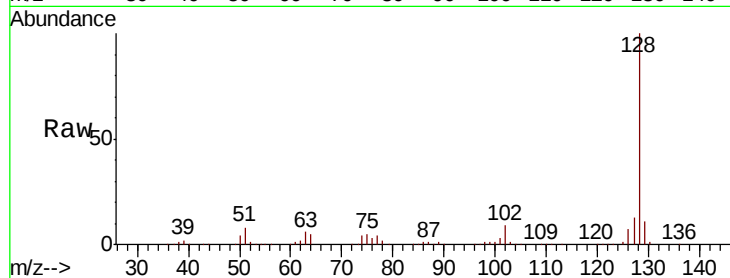
Tot Ion:128 Resp: 993819

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

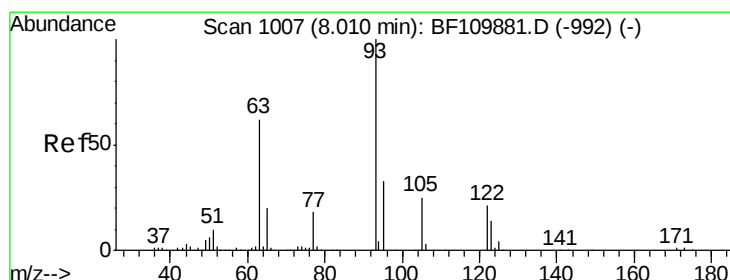
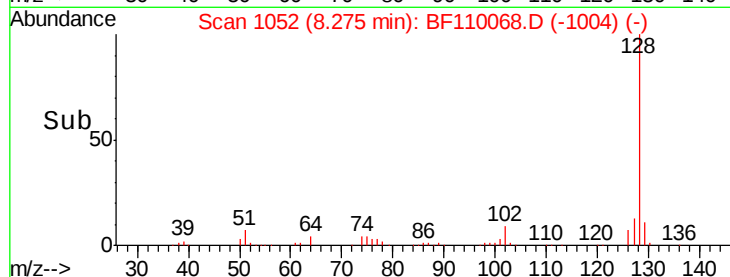
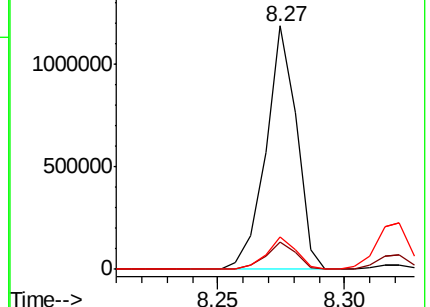
127 13.4 10.8 16.2



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: 18.548 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

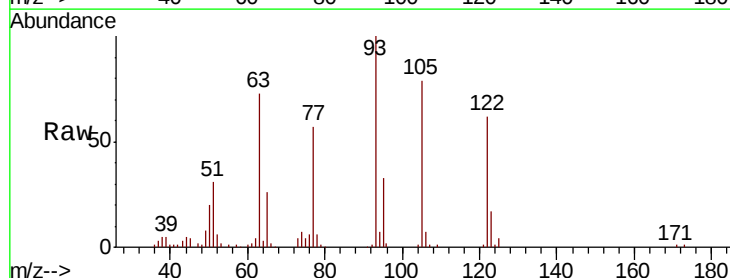
Tgt Ion:122 Resp: 113627

Ion Ratio Lower Upper

122 100

105 127.4 109.0 149.0

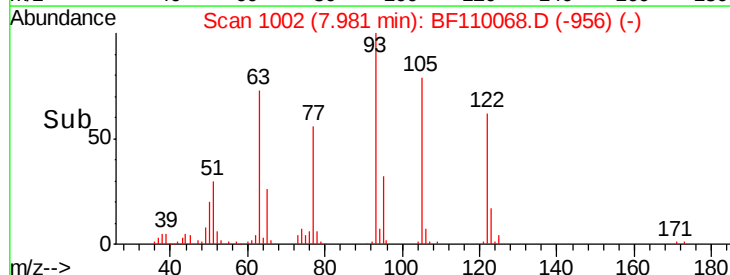
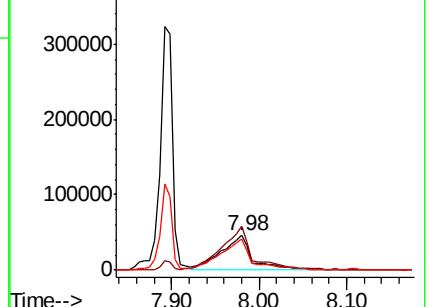
77 90.6 79.0 119.0

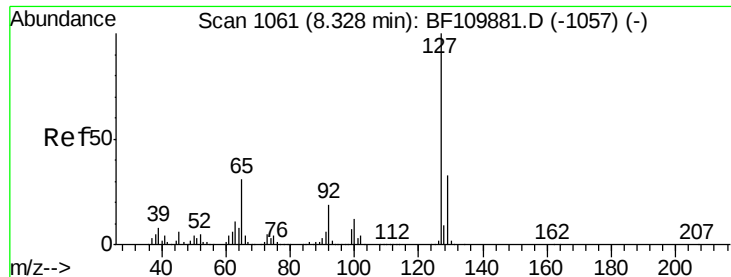


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

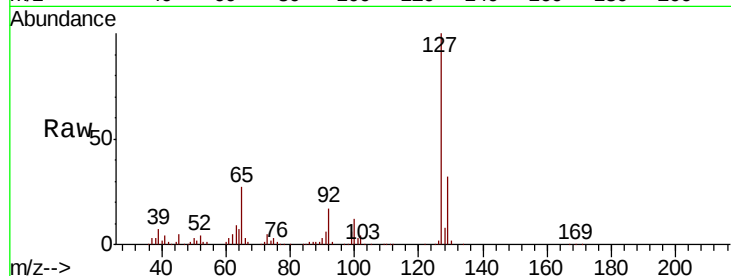




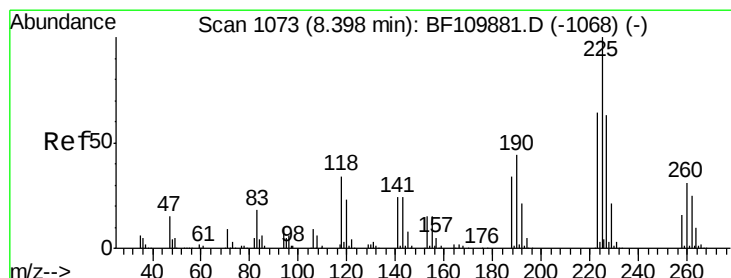
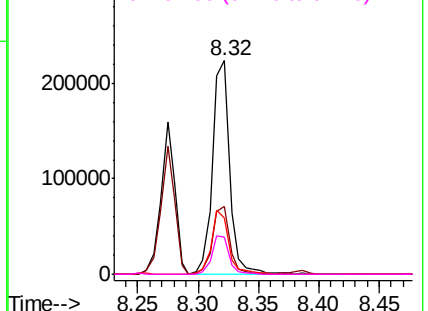
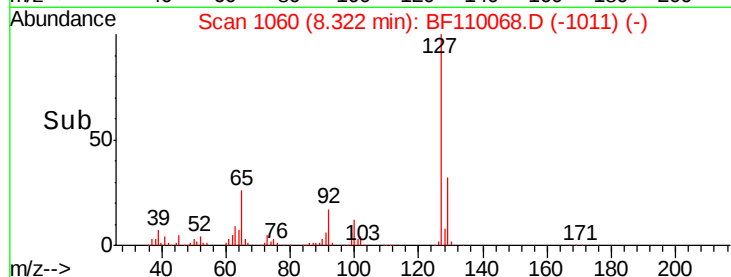
#33
4-Chloroaniline
Concen: 15.129 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	218249
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	26.6	25.1	37.7
92	17.3	15.0	22.6

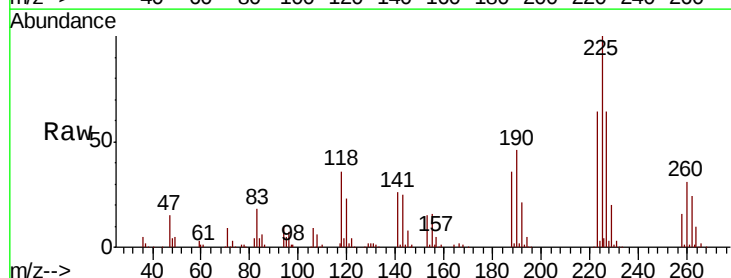


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

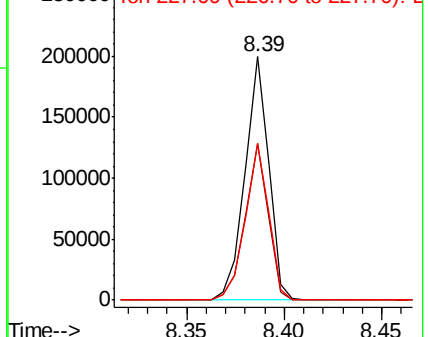
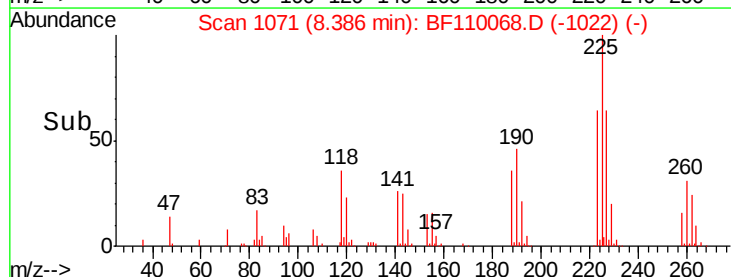


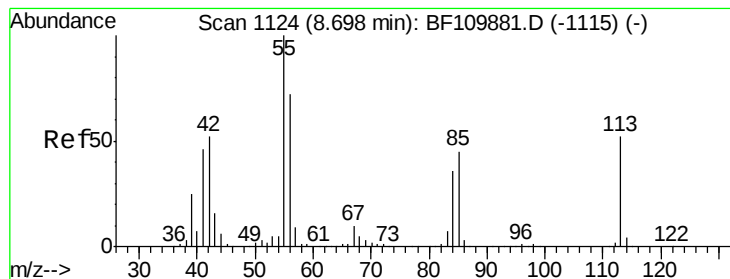
#34
Hexachlorobutadiene
Concen: 28.518 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:	225	Resp:	167947
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.2
227	64.2	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: 18.480 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.03 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

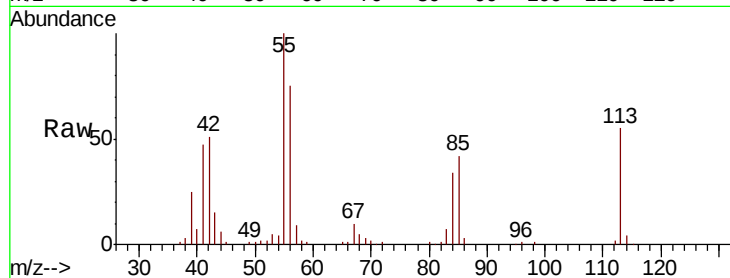
Tot Ion:113 Resp: 62600

Ion Ratio Lower Upper

113 100

55 181.9 142.8 182.8

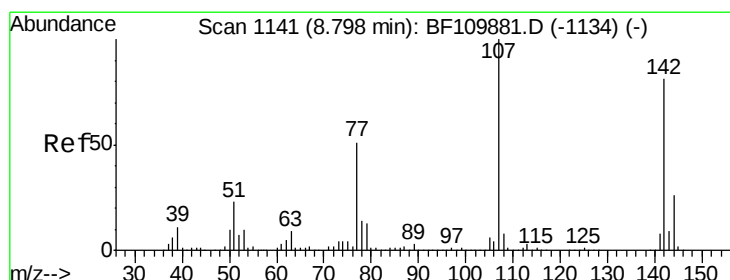
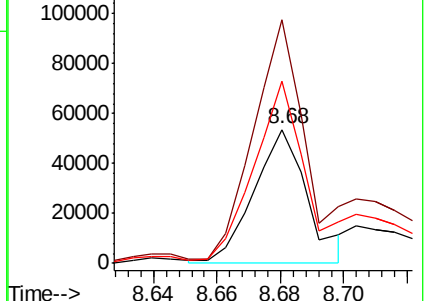
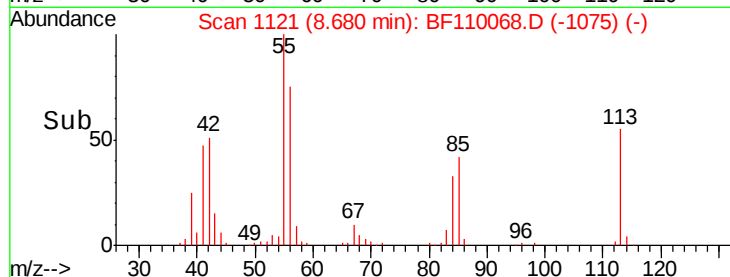
56 136.0 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 29.490 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

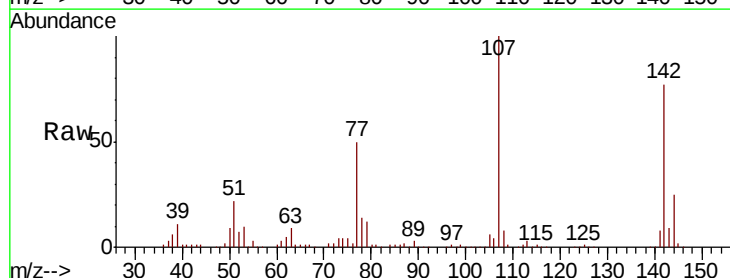
Tgt Ion:107 Resp: 296733

Ion Ratio Lower Upper

107 100

144 25.2 20.0 30.0

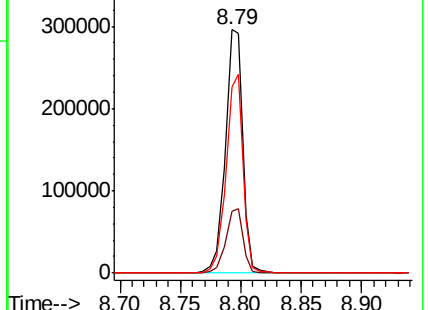
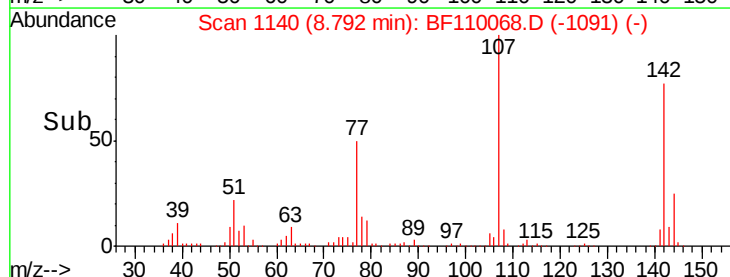
142 76.6 59.7 89.5

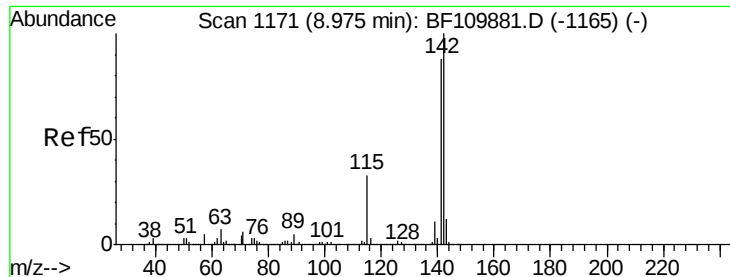


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

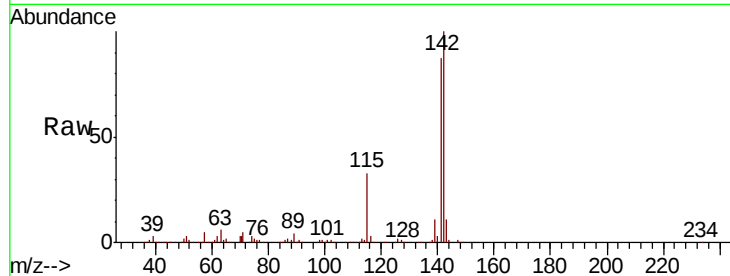




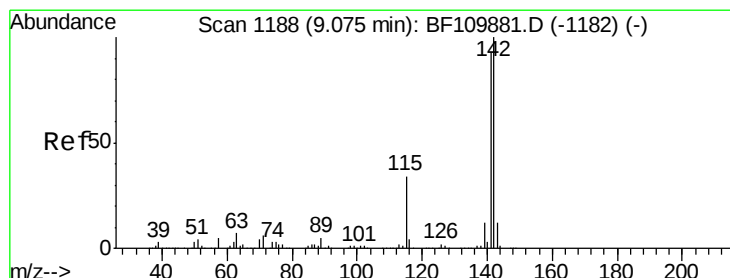
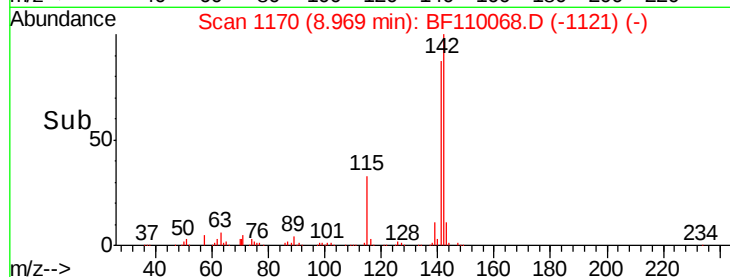
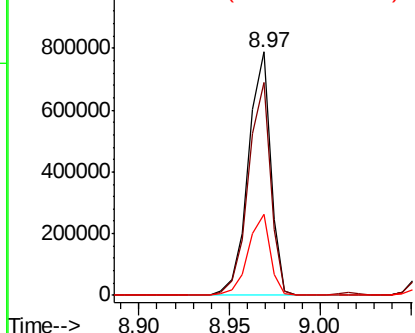
#37
2-Methylnaphthalene
Concen: 32.662 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 678718
Ion Ratio Lower Upper
142 100
141 87.4 71.4 107.2
115 33.5 28.7 43.1

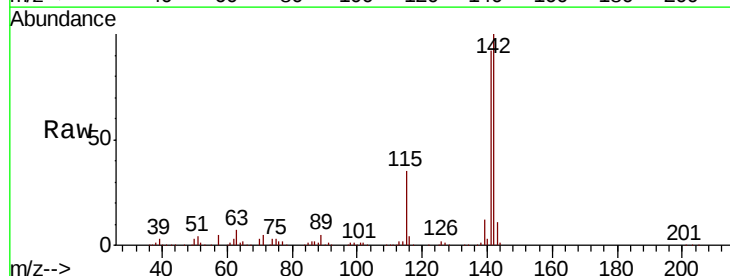


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

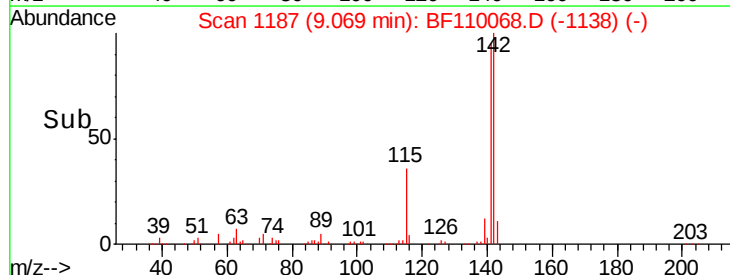
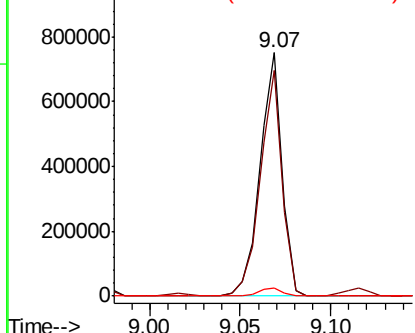


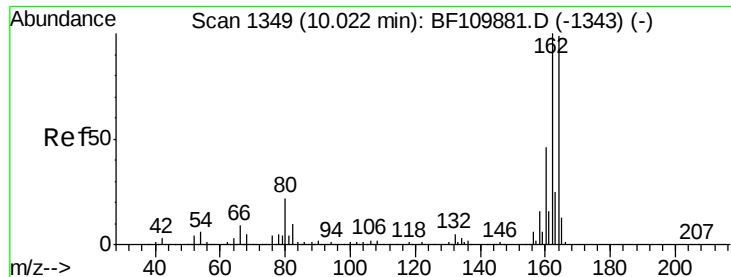
#38
1-Methylnaphthalene
Concen: 31.429 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:142 Resp: 632864
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4
116 3.5 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: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampled :

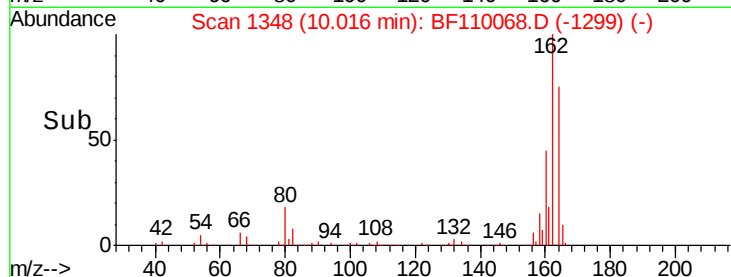
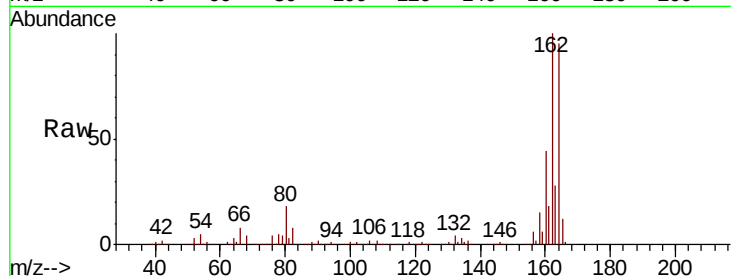
Tot Ion:164 Resp: 312334

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.6

160 46.4 37.0 55.6

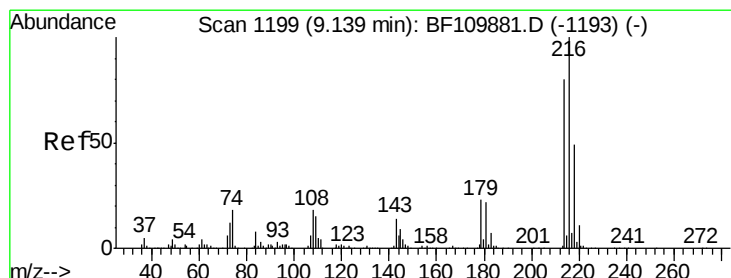
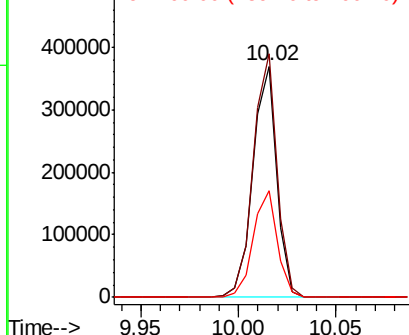


Abundance

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: 30.165 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:216 Resp: 290198

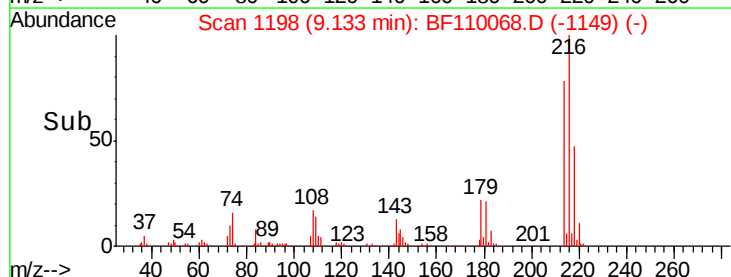
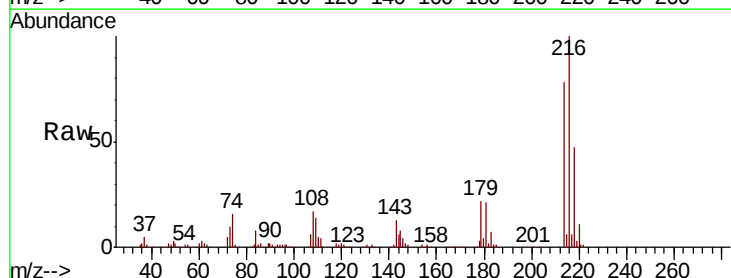
Ion Ratio Lower Upper

216 100

214 78.1 63.8 95.6

179 22.2 16.6 25.0

108 19.7 15.1 22.7



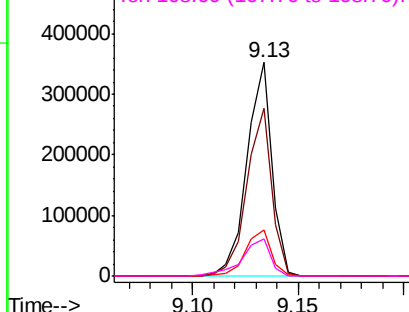
Abundance

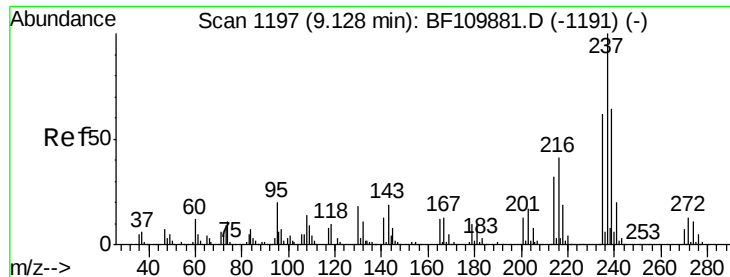
Ion 216.00 (215.70 to 216.70): E

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: 38.220 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

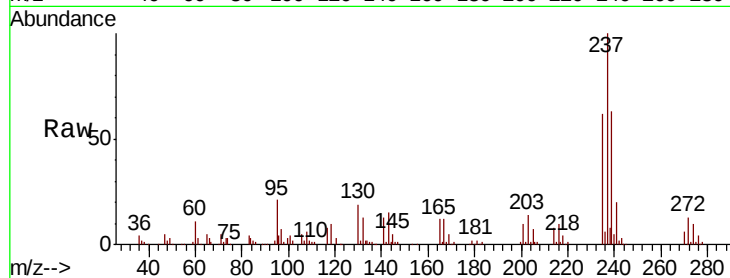
Tot Ion:237 Resp: 177466

Ion Ratio Lower Upper

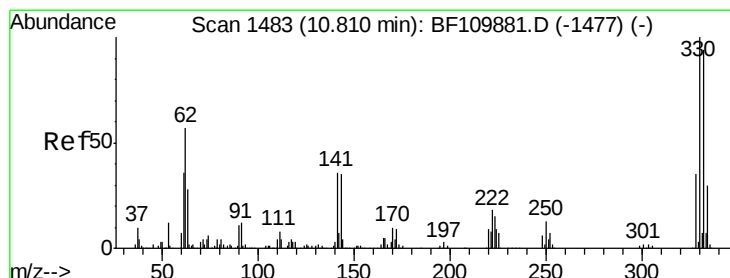
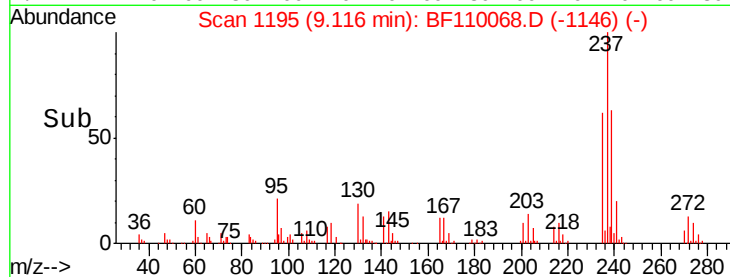
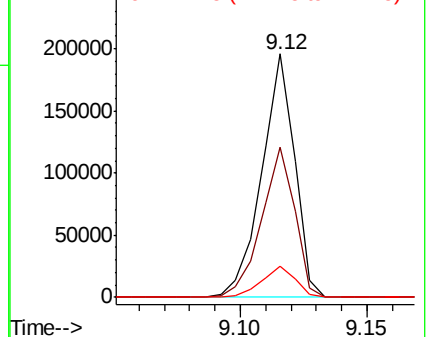
237 100

235 61.6 43.1 83.1

272 12.9 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: 59.338 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

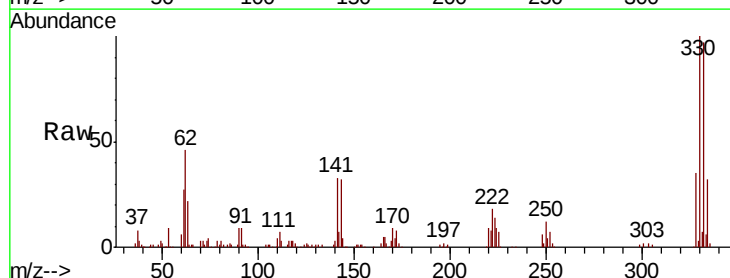
Tgt Ion:330 Resp: 160455

Ion Ratio Lower Upper

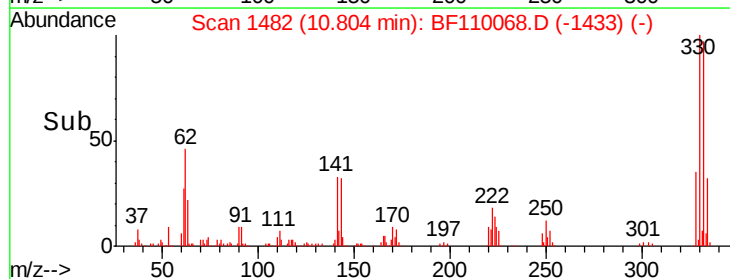
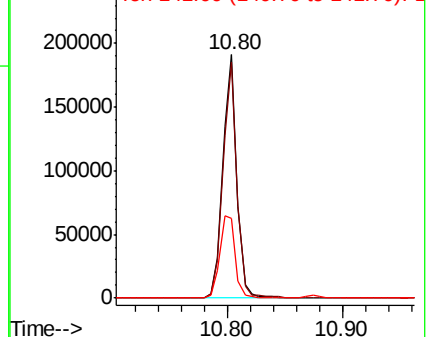
330 100

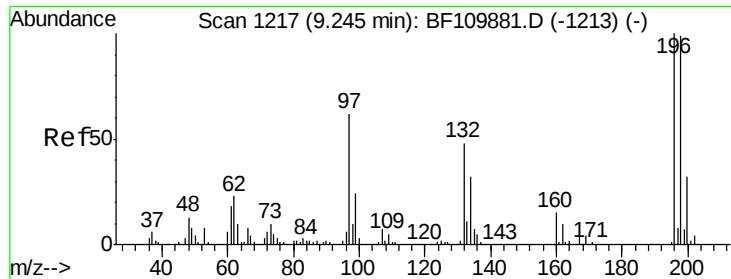
332 96.6 77.1 115.7

141 37.0 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

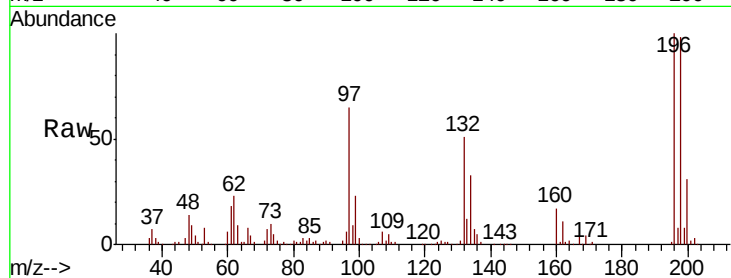




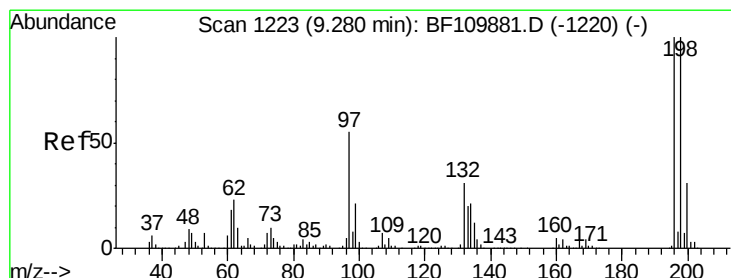
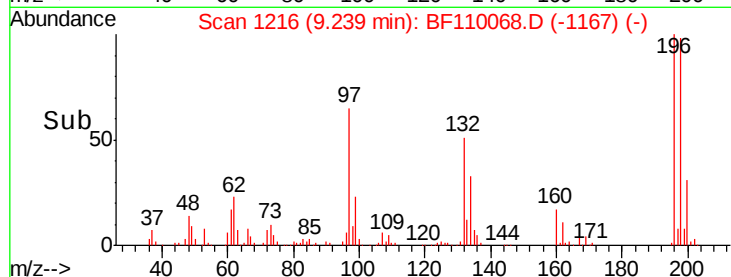
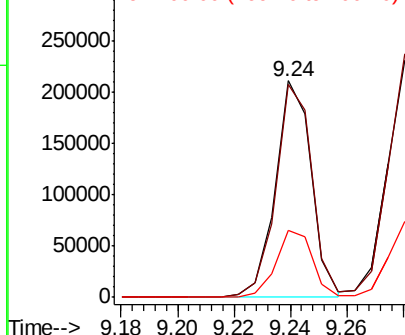
#43
 2,4,6-Trichlorophenol
 Concen: 30.988 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 186408
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.2 114.4
 200 31.1 24.4 36.6

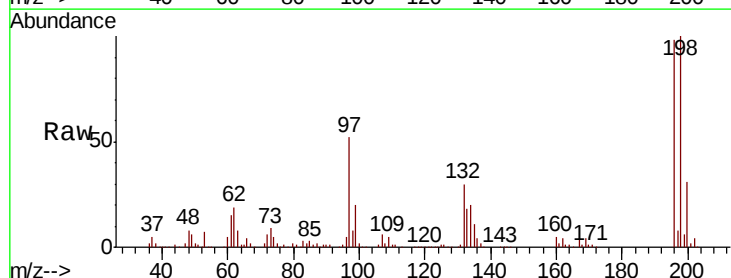


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

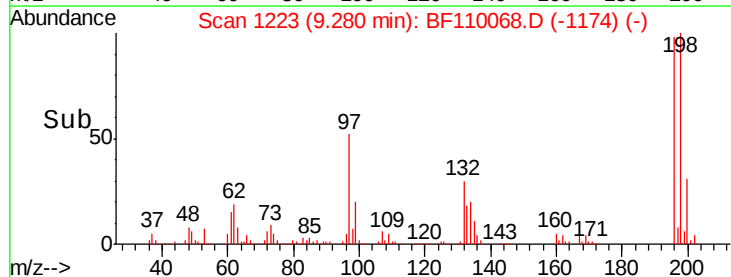
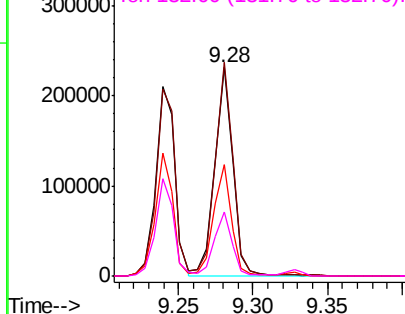


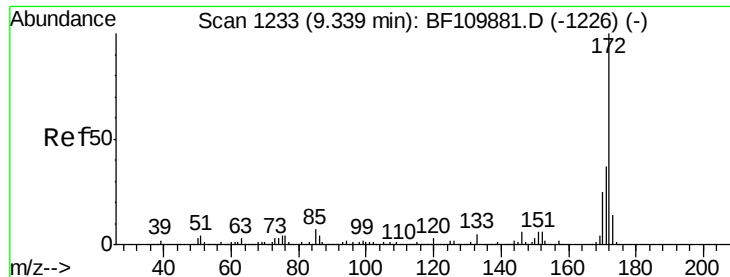
#44
 2,4,5-Trichlorophenol
 Concen: 31.407 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion:196 Resp: 196085
 Ion Ratio Lower Upper
 196 100
 198 102.5 75.8 113.6
 97 53.4 42.4 63.6
 132 30.7 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

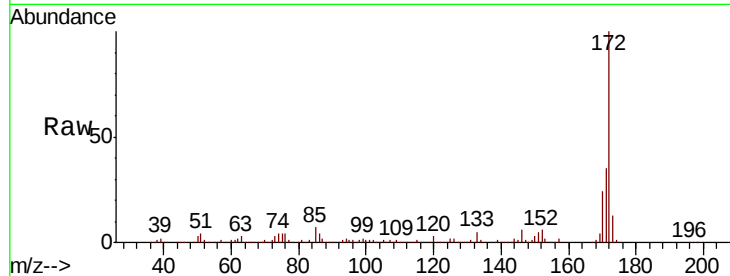




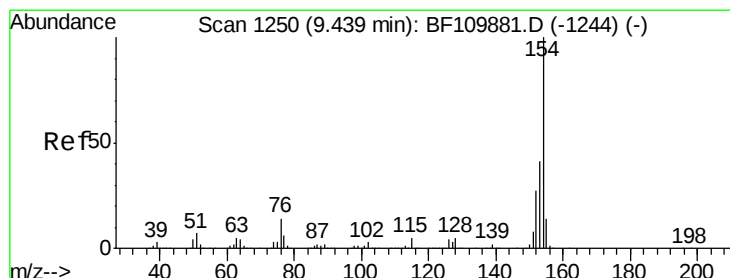
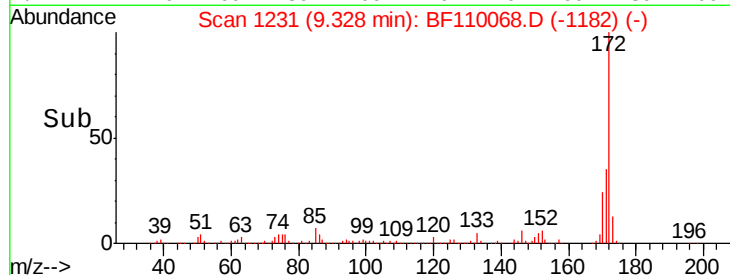
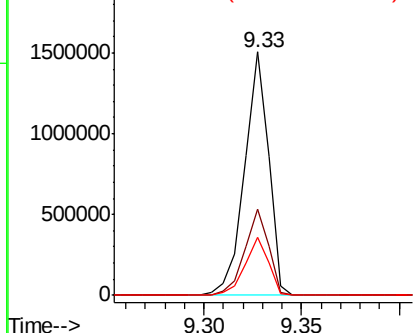
#45
2-Fluorobiphenyl
Concen: 65.736 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1286721
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.0 19.7 29.5

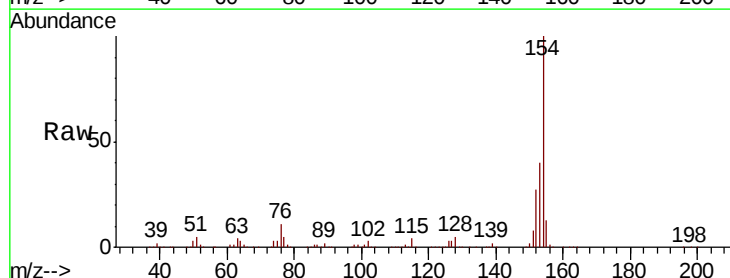


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

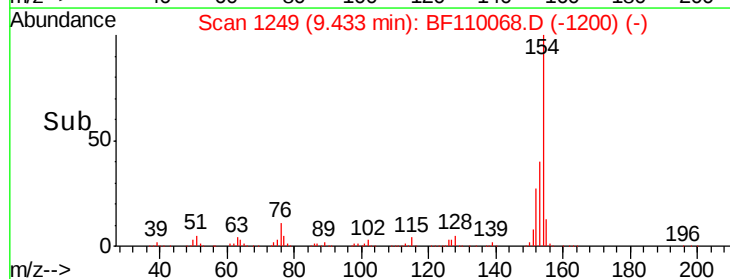
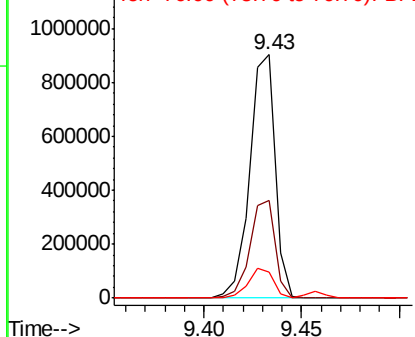


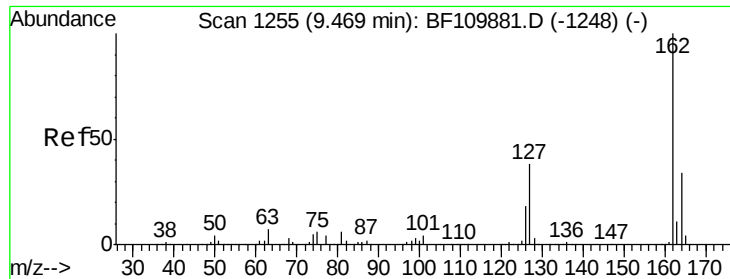
#46
1,1'-Biphenyl
Concen: 29.335 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:154 Resp: 816323
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 10.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

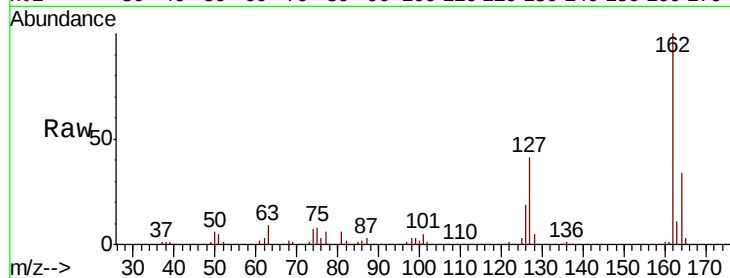




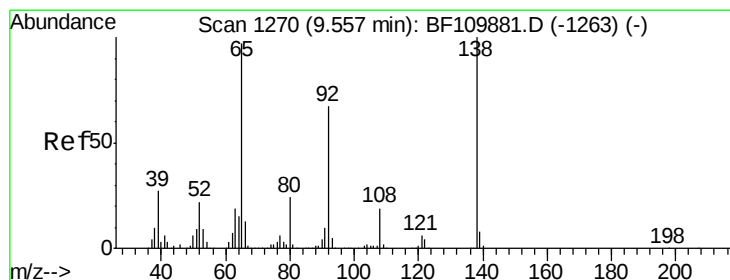
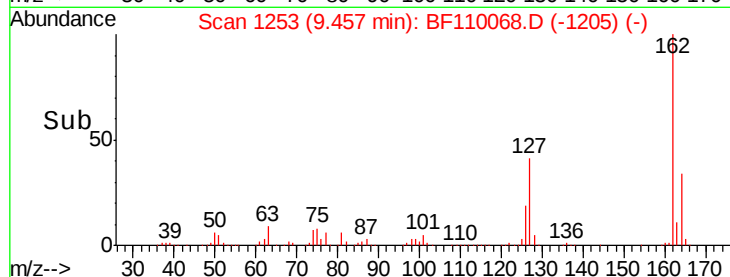
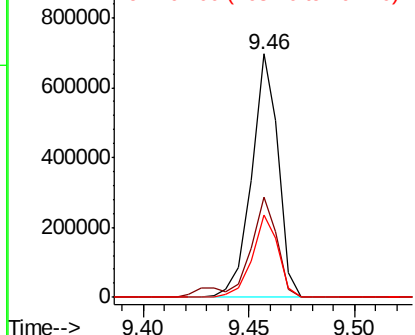
#47
 2-Chloronaphthalene
 Concen: 29.703 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	48.8
164	33.7	25.9	38.9

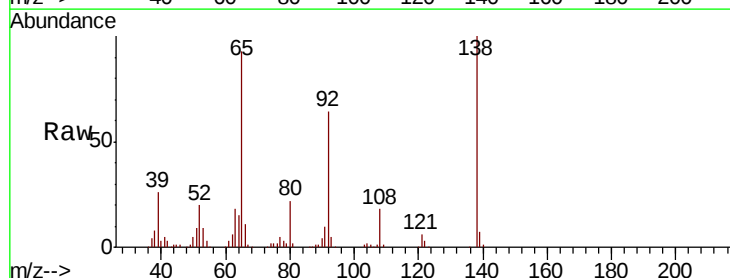


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

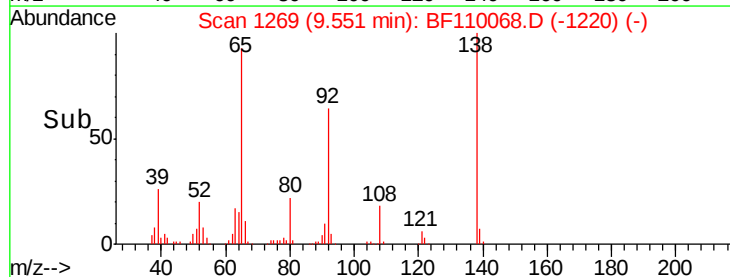
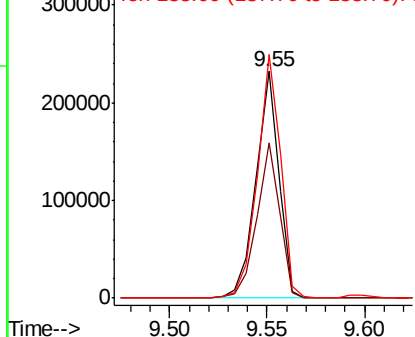


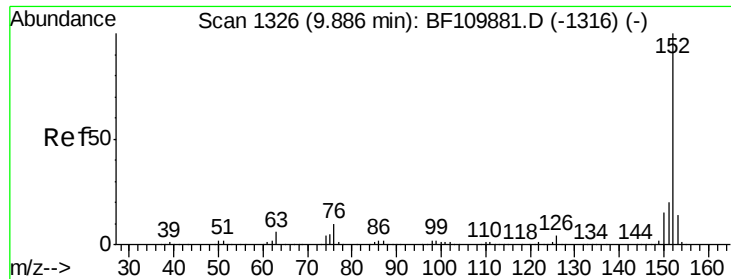
#48
 2-Nitroaniline
 Concen: 35.989 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.6	81.8
138	107.6	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: 31.473 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampled :

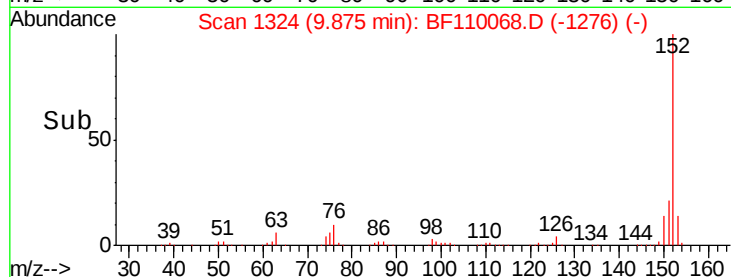
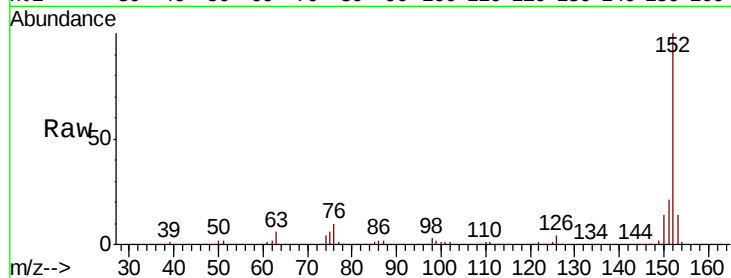
Tot Ion:152 Resp: 937203

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

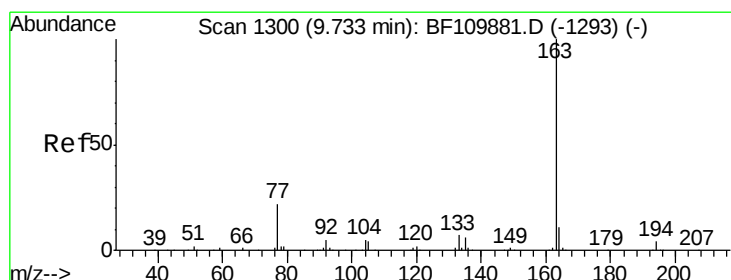
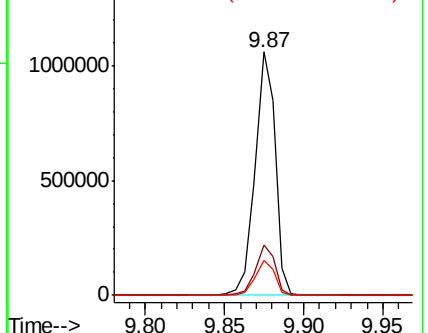
153 14.2 10.4 15.6



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: 32.612 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

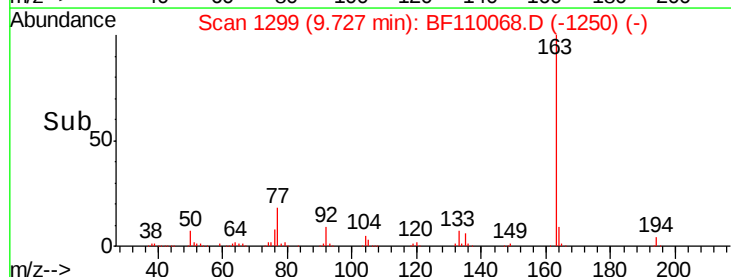
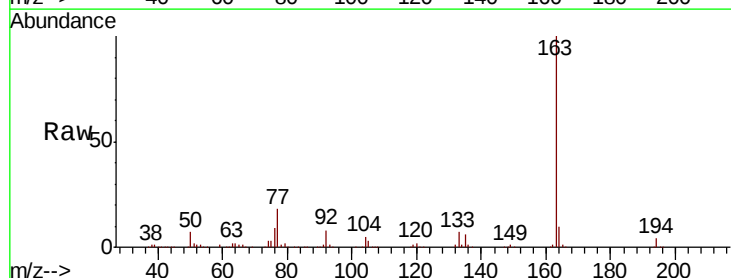
Tgt Ion:163 Resp: 721246

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

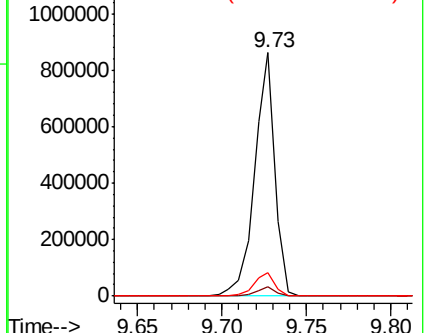
164 9.8 8.1 12.1

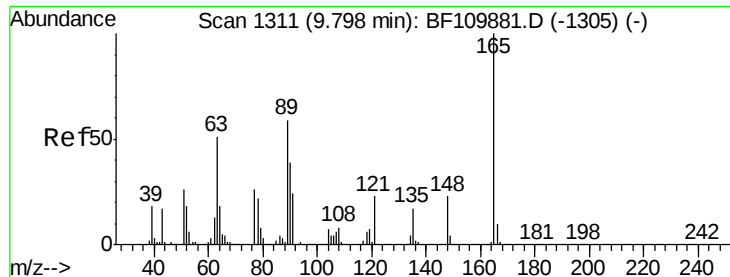


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

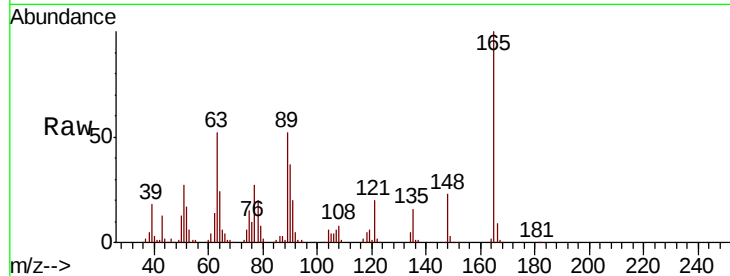




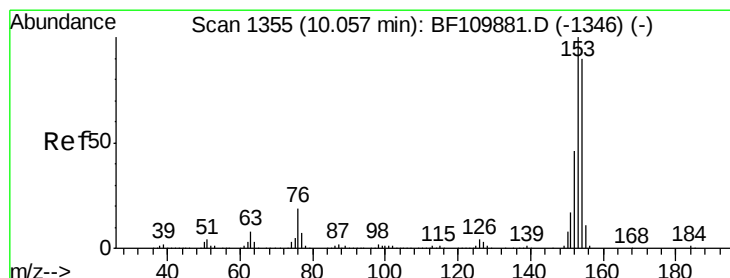
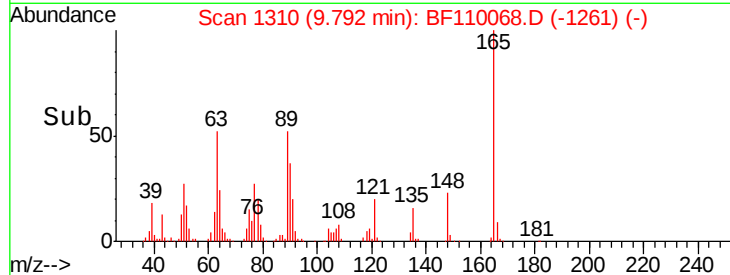
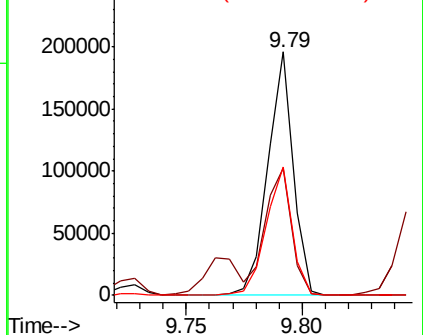
#51
 2,6-Dinitrotoluene
 Concen: 35.873 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 150689
 Ion Ratio Lower Upper
 165 100
 63 52.2 48.9 73.3
 89 52.5 46.6 69.8

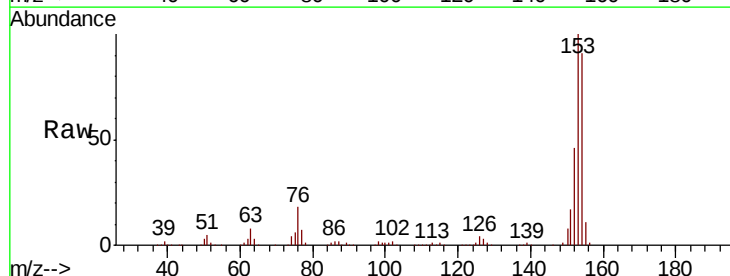


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

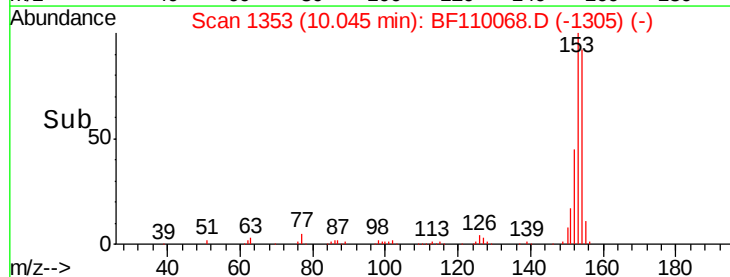
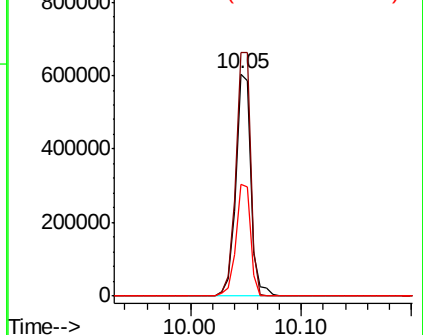


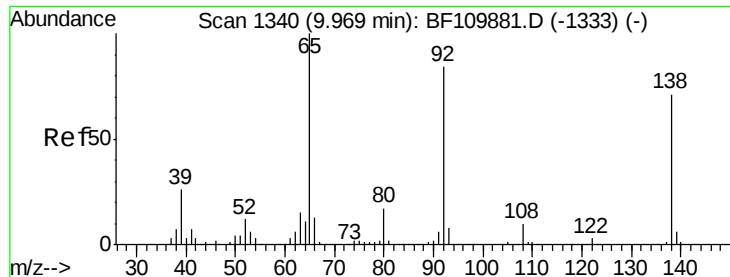
#52
 Acenaphthene
 Concen: 30.875 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion:154 Resp: 585337
 Ion Ratio Lower Upper
 154 100
 153 109.3 90.1 135.1
 152 50.0 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

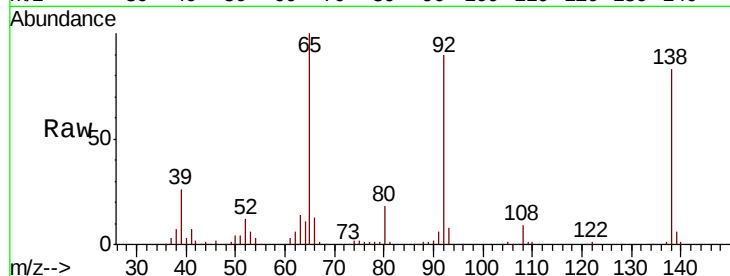




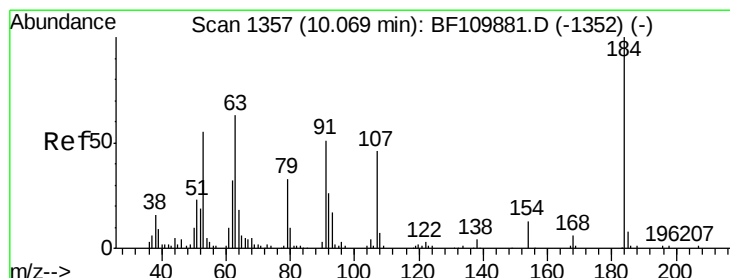
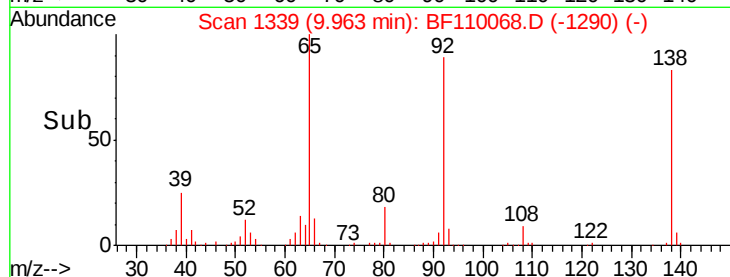
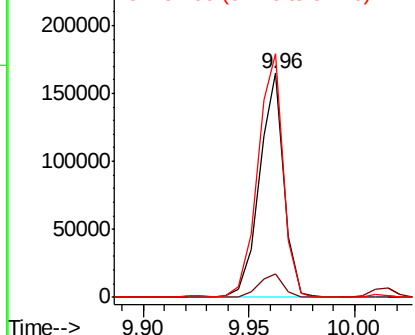
#53
3-Nitroaniline
Concen: 25.943 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 132560
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 108.6 97.0 145.4

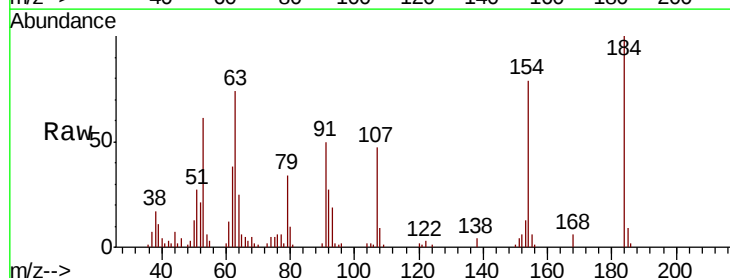


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

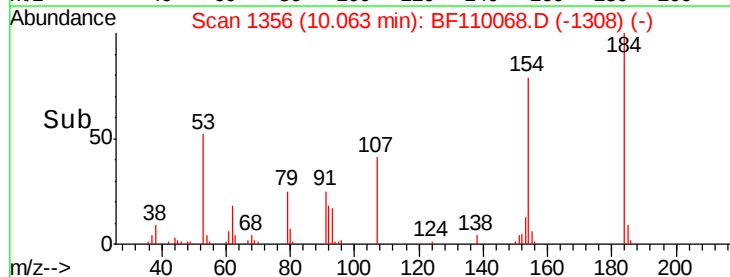
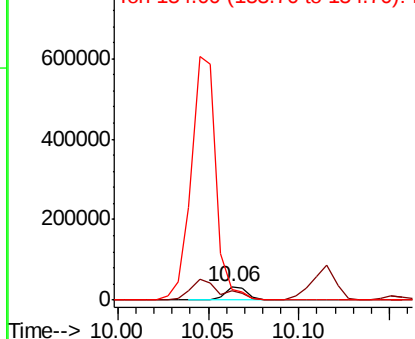


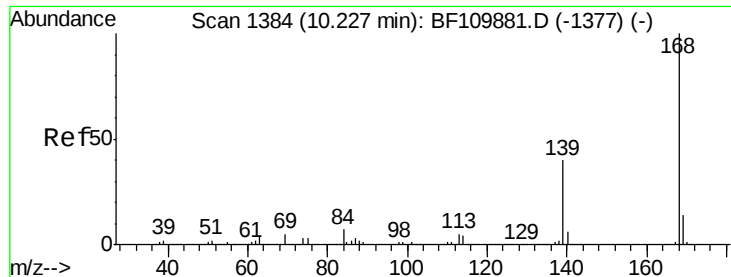
#54
2,4-Dinitrophenol
Concen: 29.141 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:184 Resp: 30466
Ion Ratio Lower Upper
184 100
63 73.8 55.8 83.6
154 78.6 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

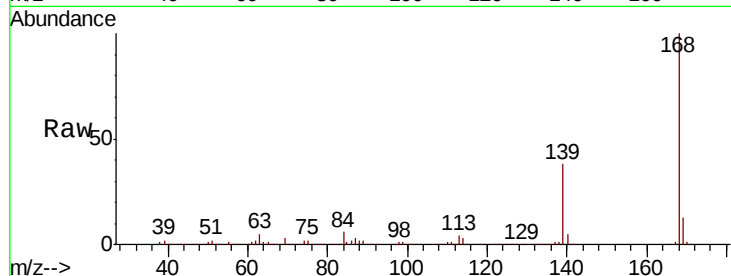




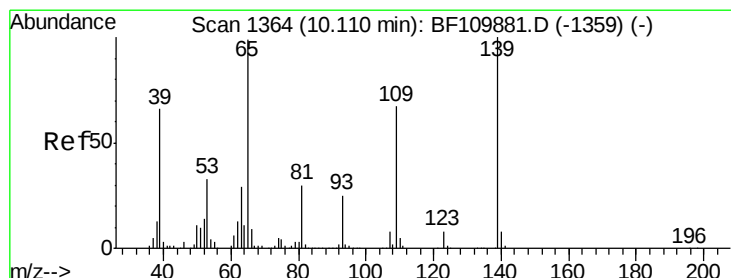
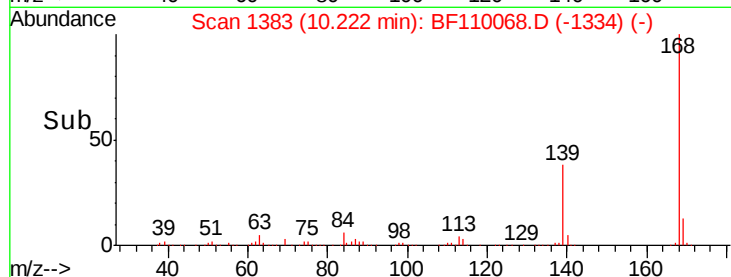
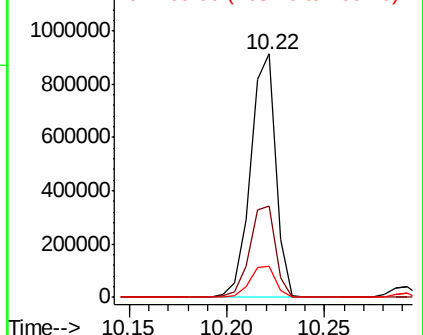
#55
Dibenzenofuran
Concen: 30.143 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 814965
Ion Ratio Lower Upper
168 100
139 37.6 33.0 49.6
169 12.8 11.3 16.9

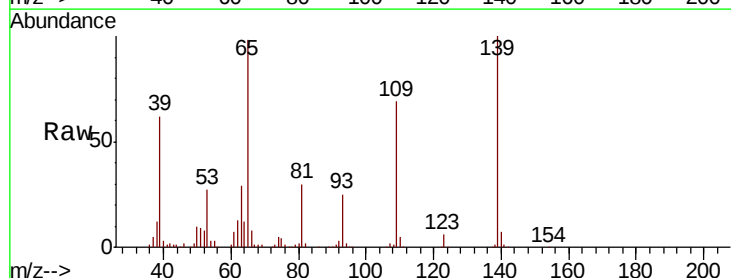


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

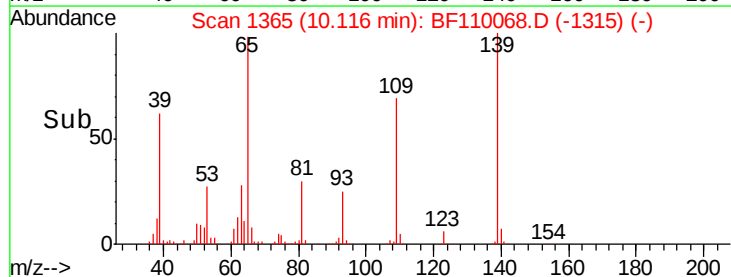
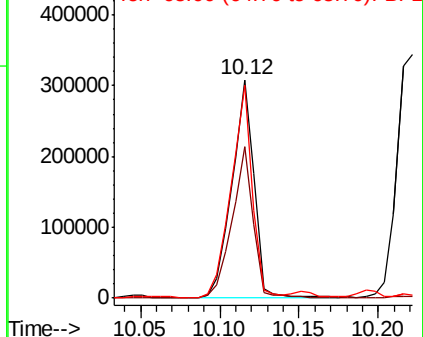


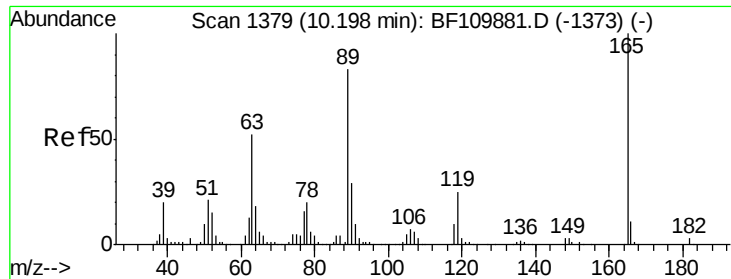
#56
4-Nitrophenol
Concen: 76.863 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:139 Resp: 299681
Ion Ratio Lower Upper
139 100
109 69.3 55.8 95.8
65 97.6 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

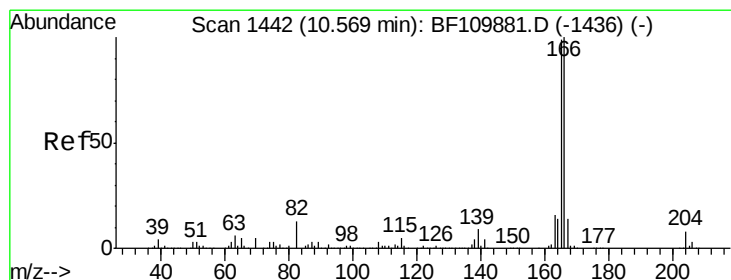
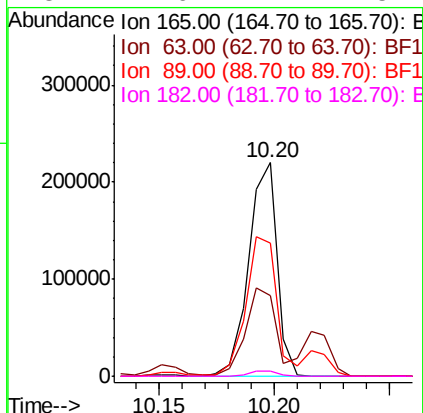
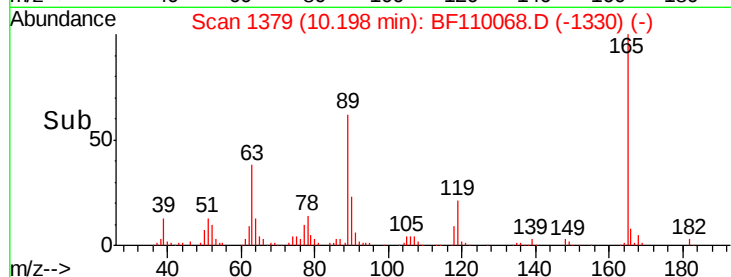
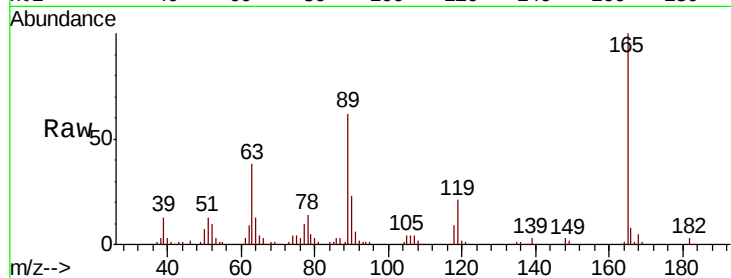




#57
2,4-Dinitrotoluene
Concen: 36.968 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

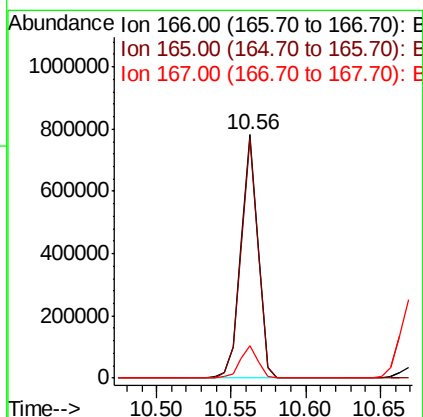
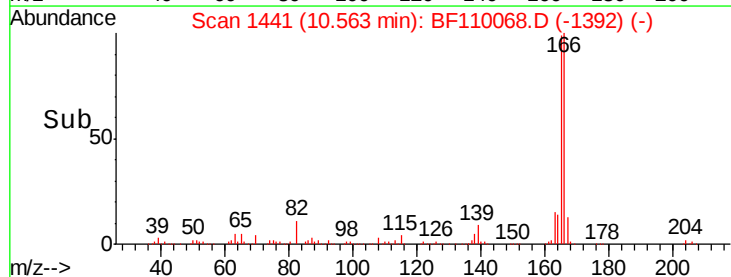
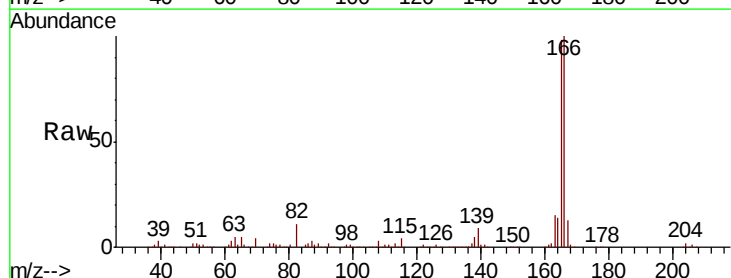
Instrument :
BNA_F
ClientSampleId :

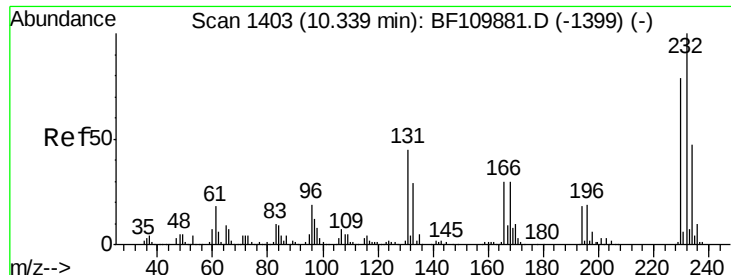
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.8	44.8	67.2#
89	62.2	62.2	93.4#
182	2.6	2.1	3.1



#58
Fluorene
Concen: 31.680 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.4	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 30.865 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 152720

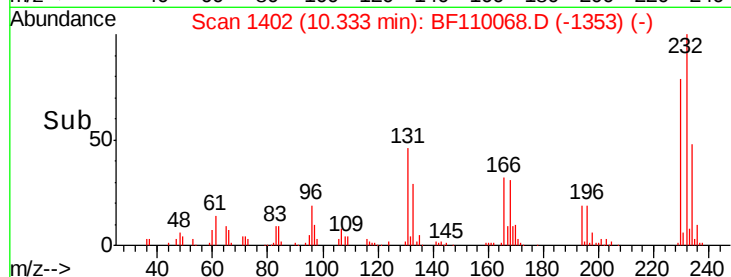
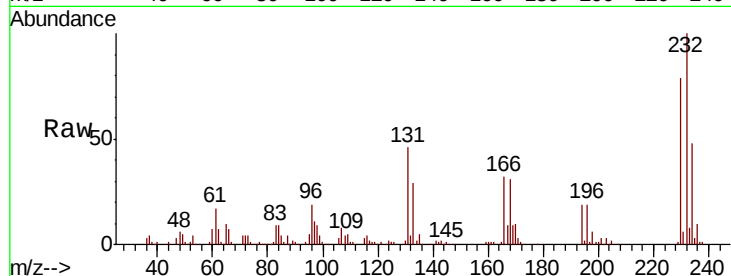
Ion Ratio Lower Upper

232 100

131 46.6 37.0 55.4

130 2.2 1.8 2.6

166 30.5 22.0 33.0

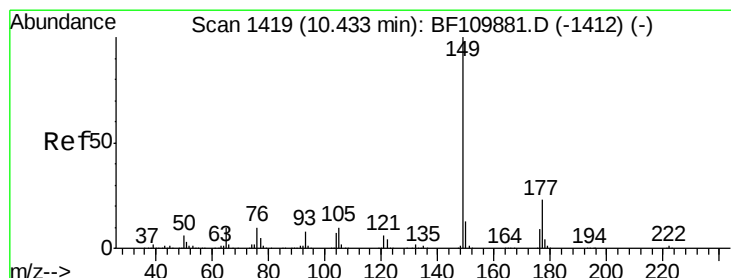
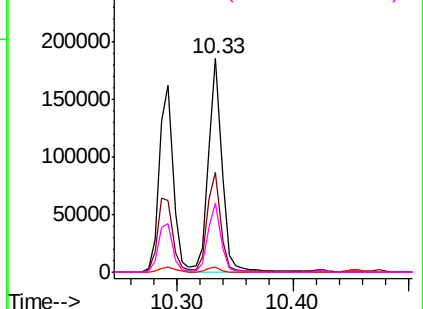


Abundance Ion 232.00 (231.70 to 232.70): E

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: 31.583 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

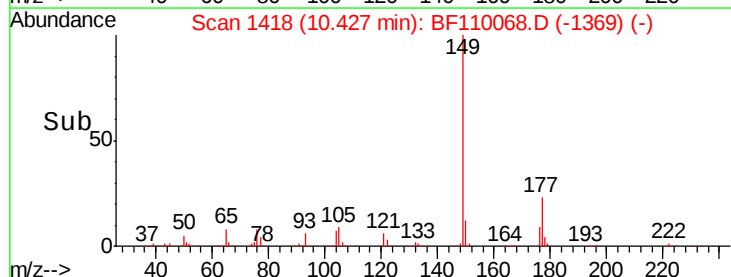
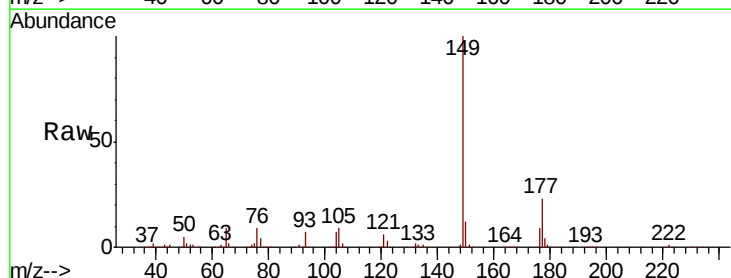
Tgt Ion:149 Resp: 689883

Ion Ratio Lower Upper

149 100

177 23.0 17.4 26.2

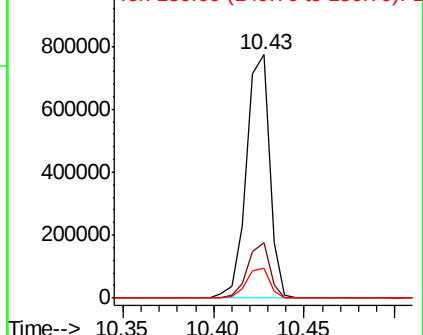
150 12.1 9.8 14.8

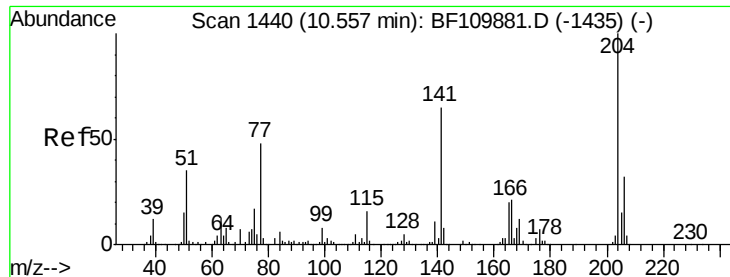


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

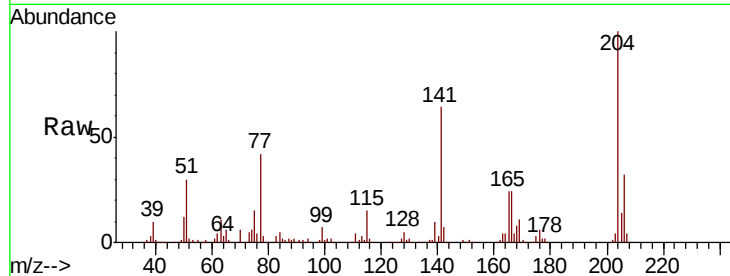




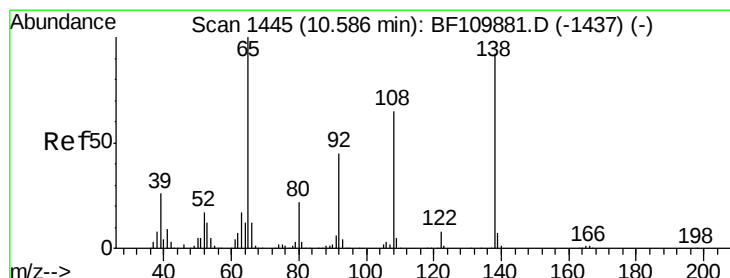
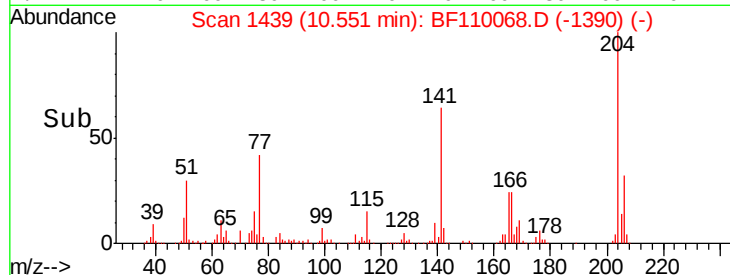
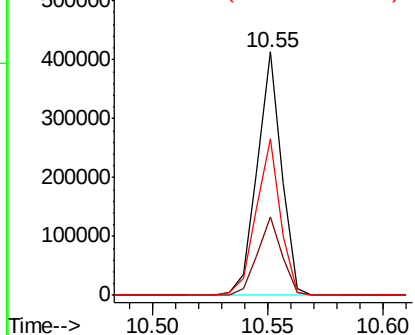
#61
4-Chlorophenyl-phenylether
Concen: 29.768 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 305186
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 64.2 51.8 77.8

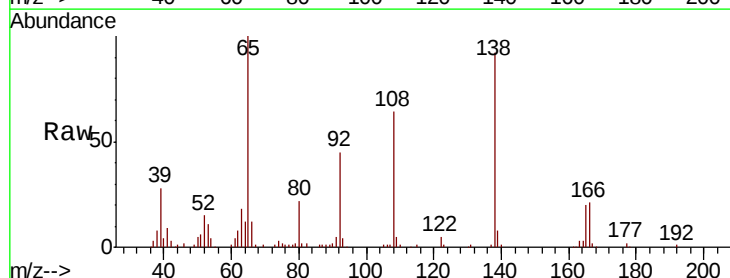


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

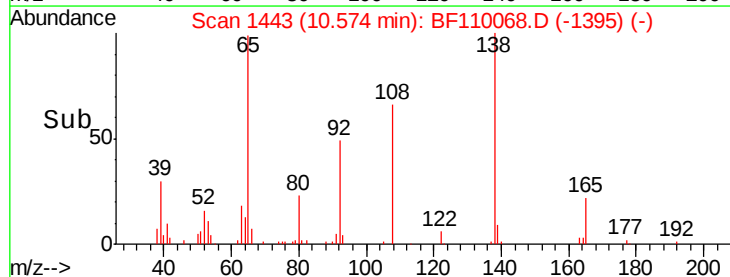
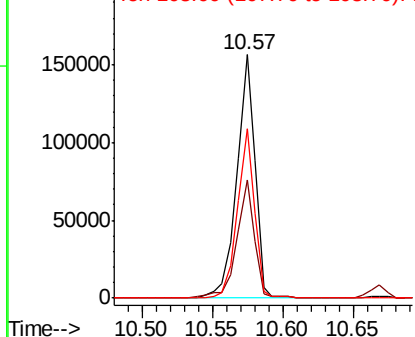


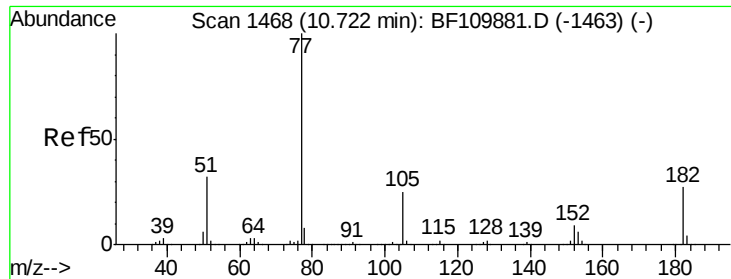
#62
4-Nitroaniline
Concen: 28.977 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:138 Resp: 140162
Ion Ratio Lower Upper
138 100
92 48.6 31.7 71.7
108 69.5 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

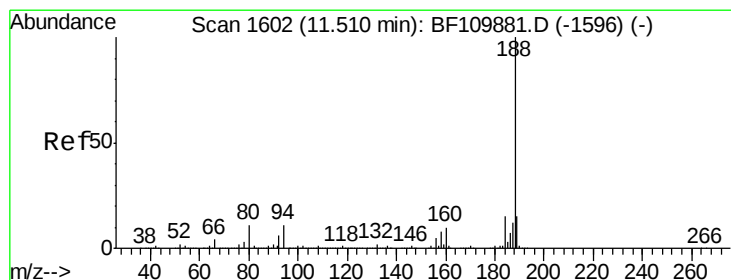
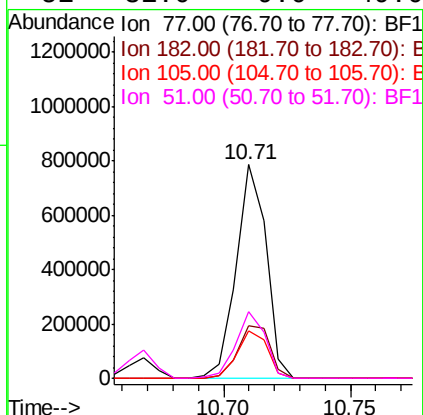
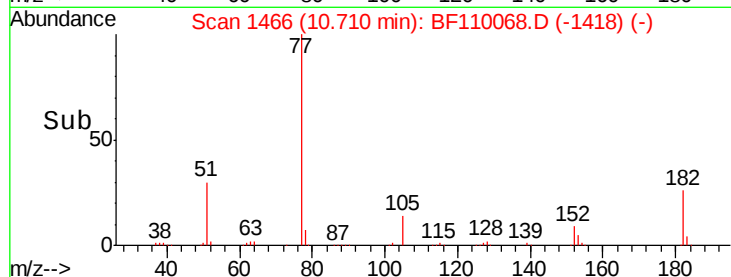
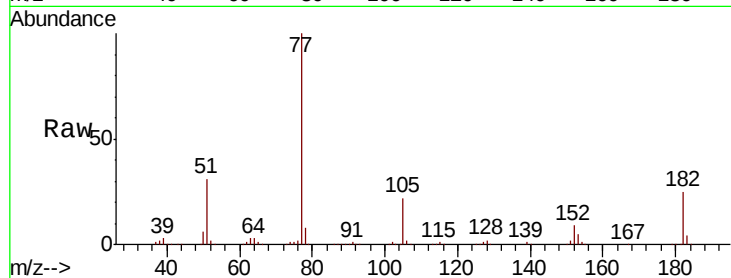




#63
Azobenzene
Concen: 28.248 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

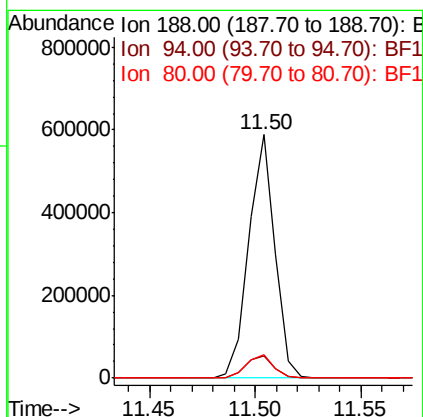
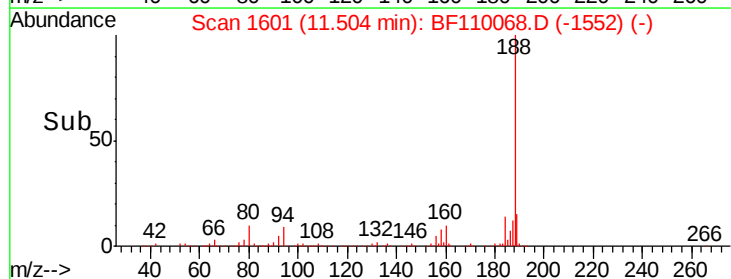
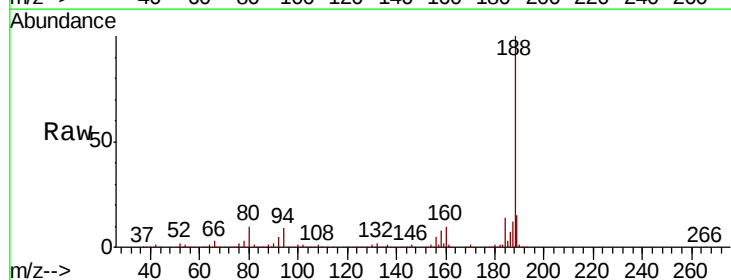
Instrument :
BNA_F
ClientSampleId :

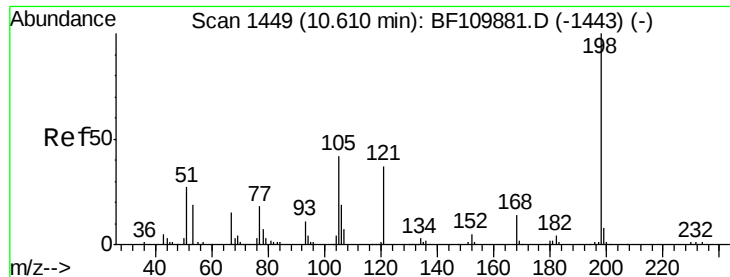
Tot Ion:	77	Resp:	644604
Ion	Ratio	Lower	Upper
77	100		
182	24.8	4.3	44.3
105	22.3	1.3	41.3
51	31.0	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:	188	Resp:	505750
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 21.067 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

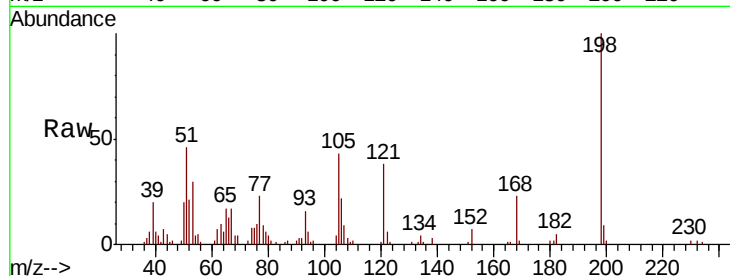
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 28871

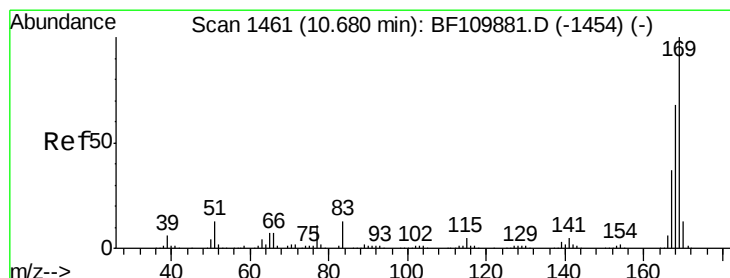
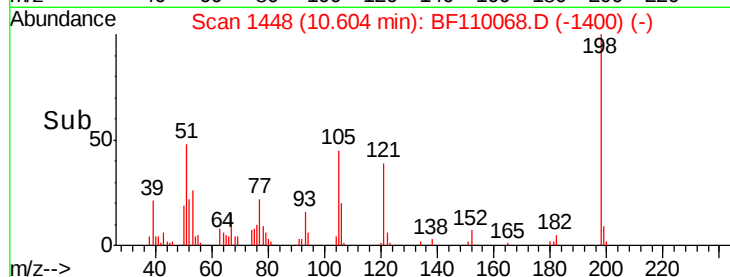
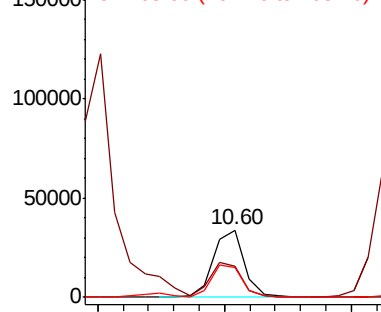
Ion	Ratio	Lower	Upper
198	100		
51	46.4	22.8	62.8
105	43.5	23.6	63.6



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: 33.158 ng

RT: 10.67 min Scan# 1459

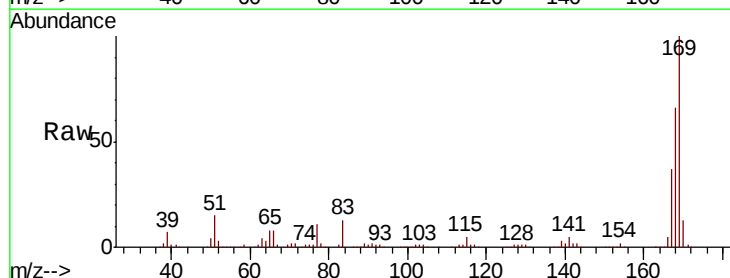
Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Tgt Ion:169 Resp: 558527

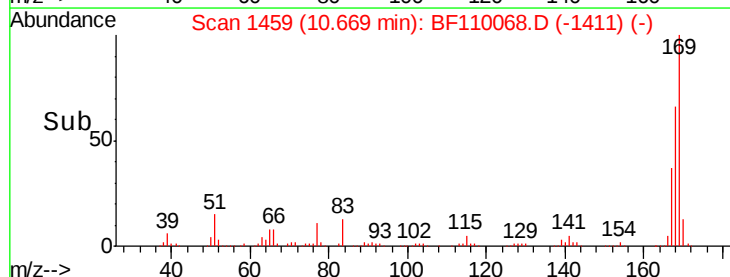
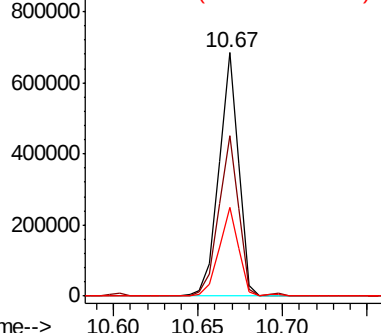
Ion	Ratio	Lower	Upper
169	100		
168	66.0	51.2	76.8
167	36.6	27.8	41.6

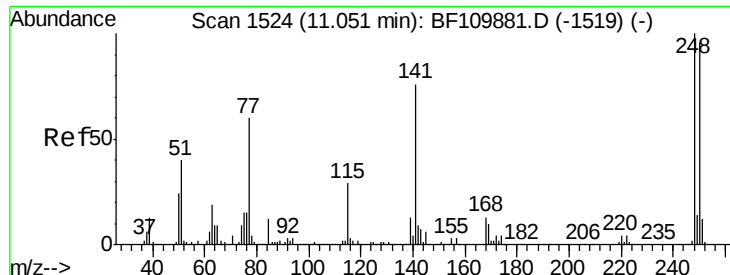


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

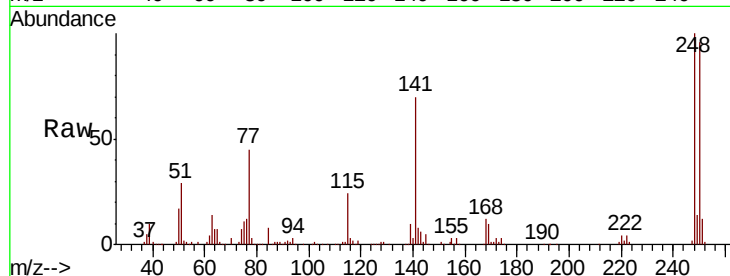




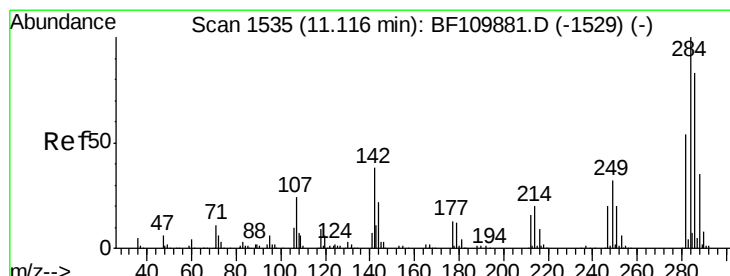
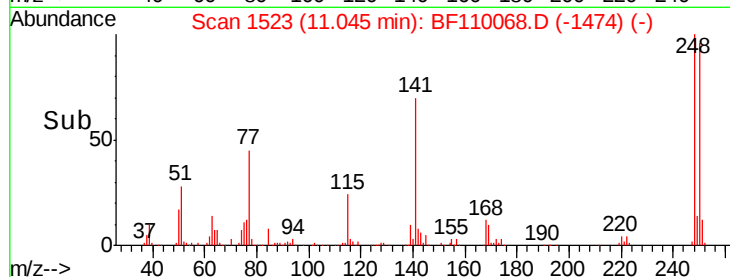
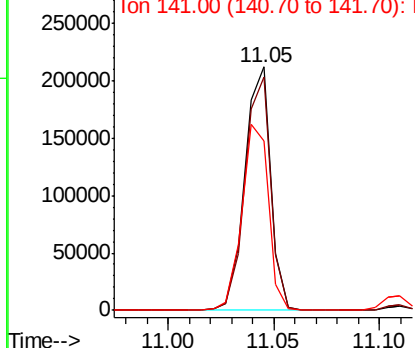
#67
4-Bromophenyl-phenylether
Concen: 32.889 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 180267
Ion Ratio Lower Upper
248 100
250 95.7 79.4 119.2
141 69.5 55.9 83.9

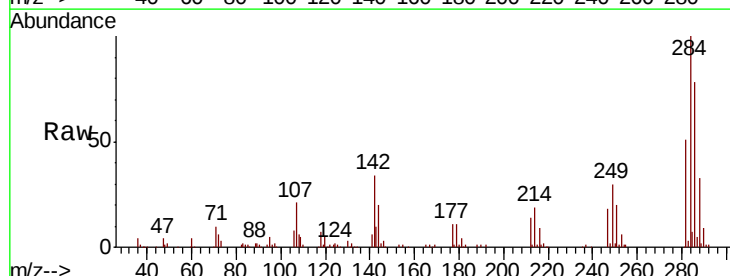


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

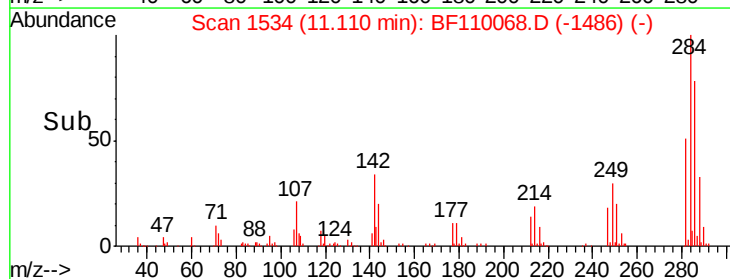
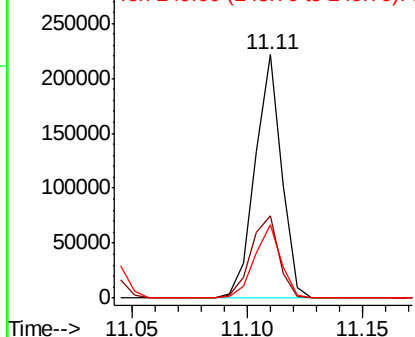


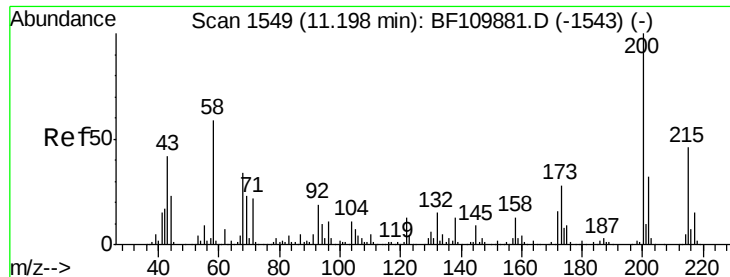
#68
Hexachlorobenzene
Concen: 30.416 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:284 Resp: 177774
Ion Ratio Lower Upper
284 100
142 34.0 23.9 35.9
249 30.1 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: 34.005 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

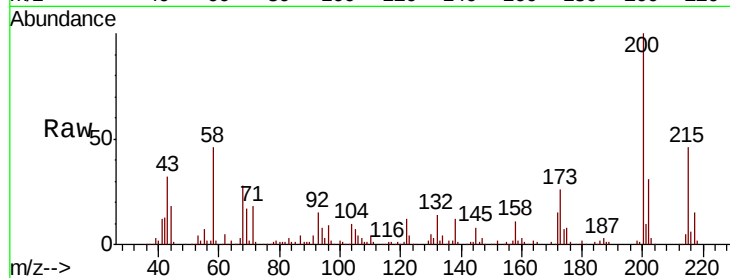
Tot Ion:200 Resp: 178925

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

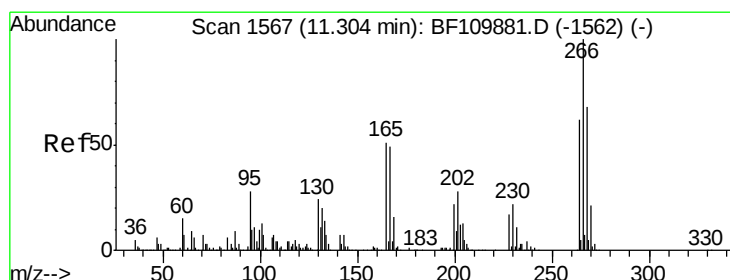
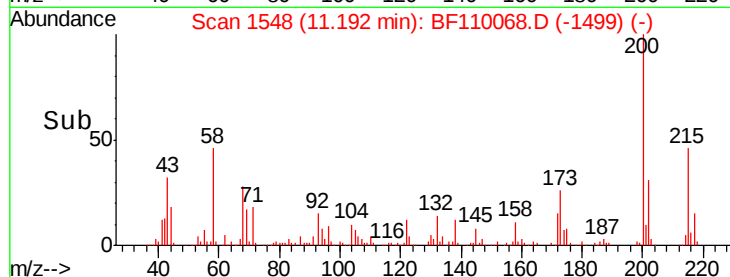
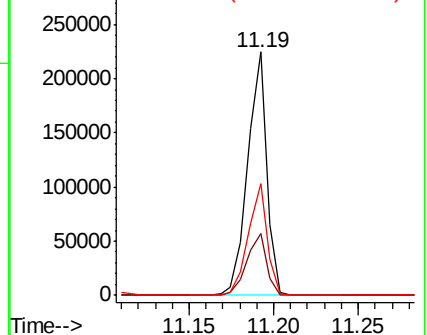
215 45.9 26.3 66.3



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: 42.968 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

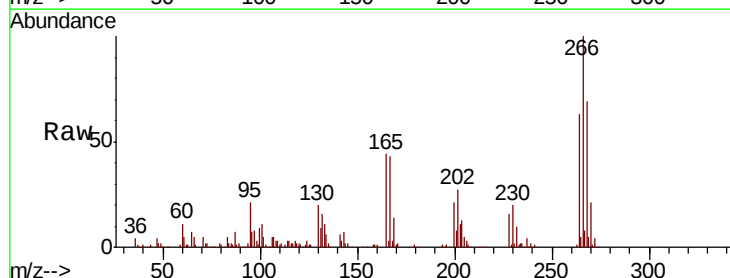
Tgt Ion:266 Resp: 142923

Ion Ratio Lower Upper

266 100

268 69.1 50.6 75.8

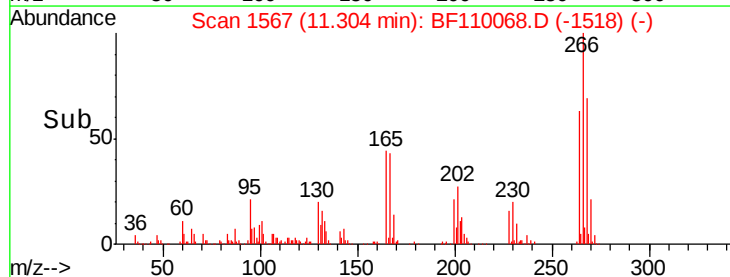
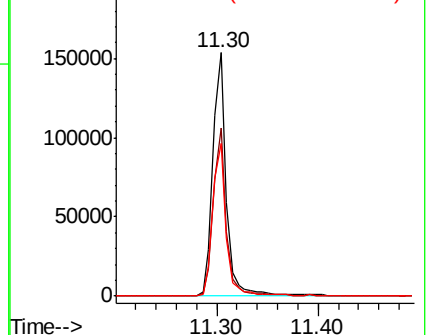
264 63.0 50.6 75.8

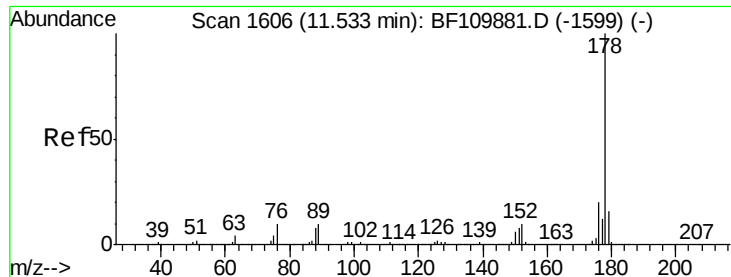


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

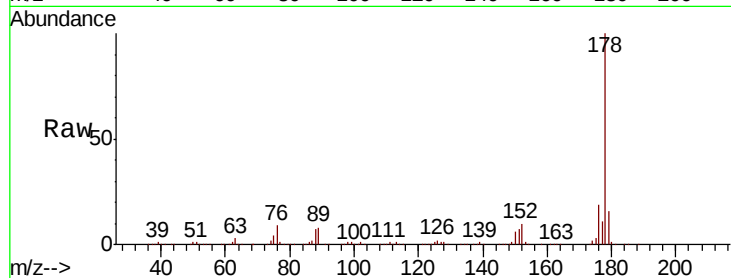




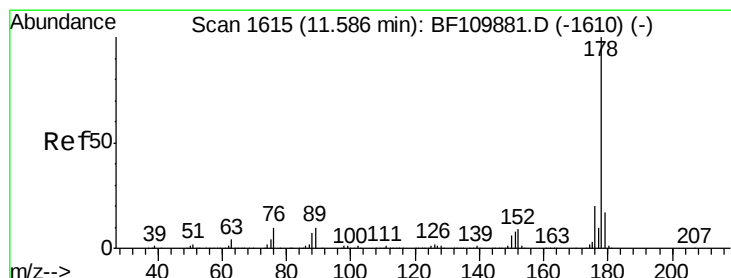
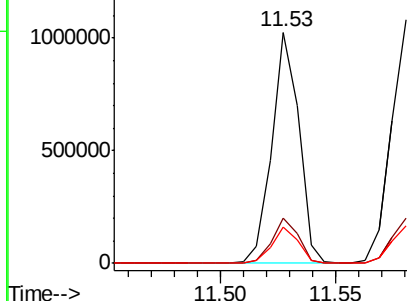
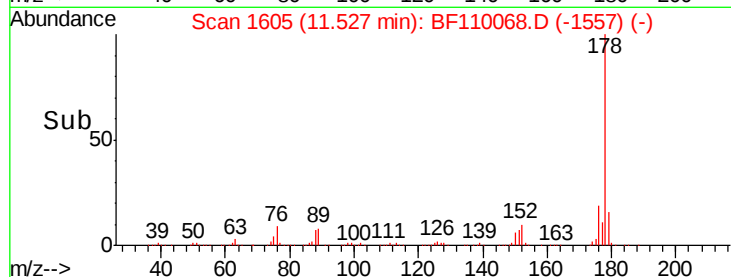
#71
Phenanthrene
Concen: 31.868 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 834388
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7

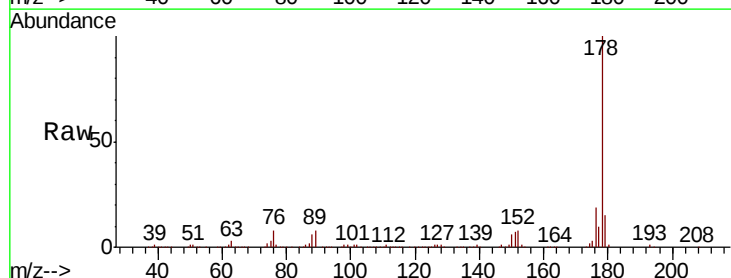


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

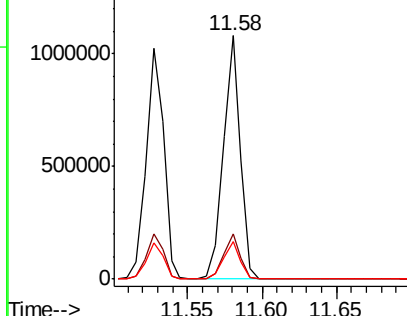
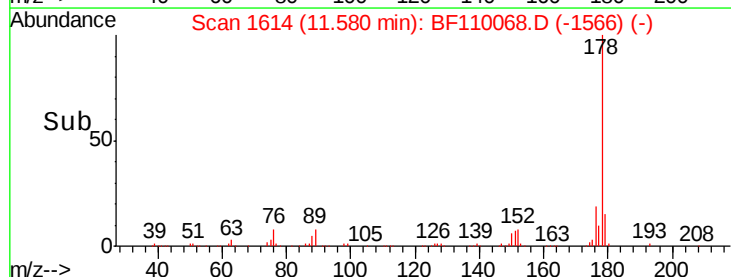


#72
Anthracene
Concen: 32.948 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:178 Resp: 867296
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.2 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

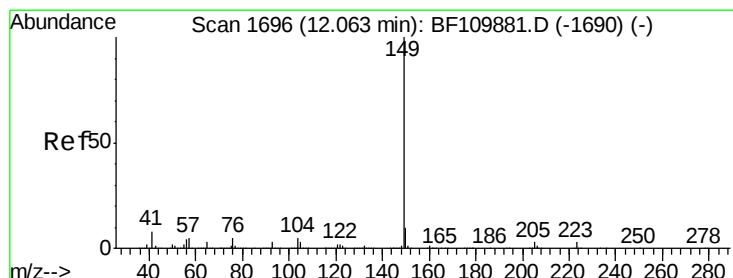
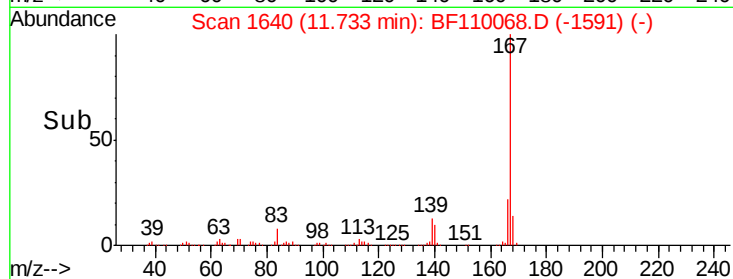
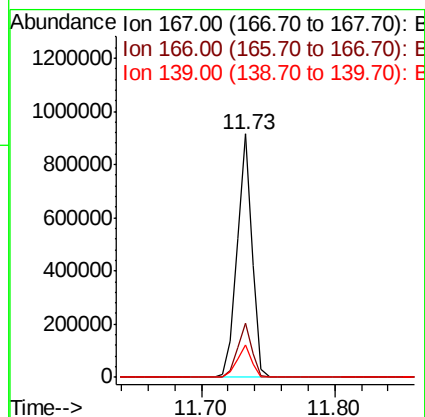
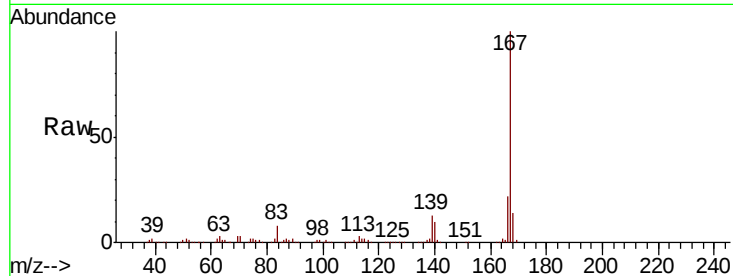




#73
 Carbazole
 Concen: 27.979 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

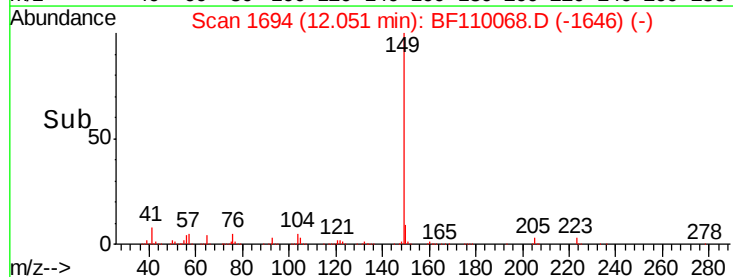
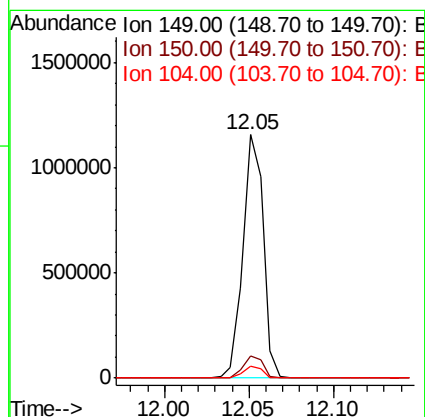
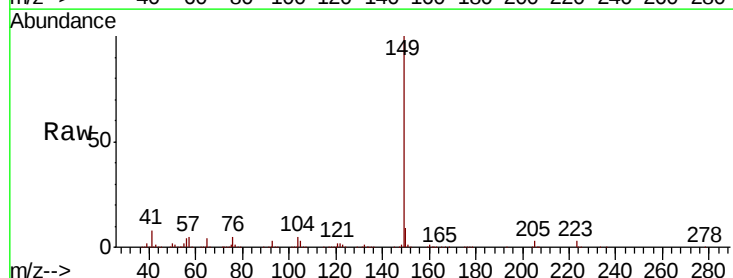
Instrument :
 BNA_F
 ClientSampleId :

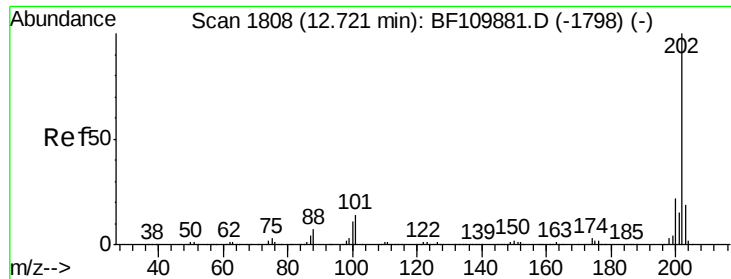
Tot Ion:167 Resp: 723824
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 33.515 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion:149 Resp: 967631
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.1 4.2 6.4

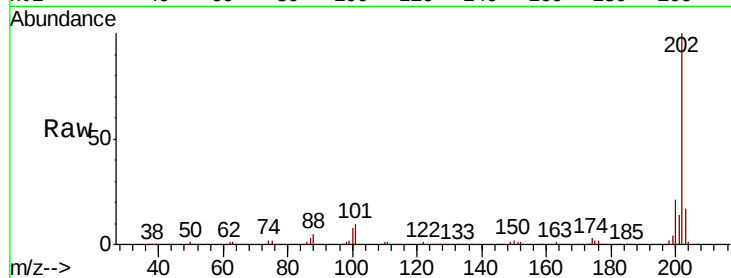




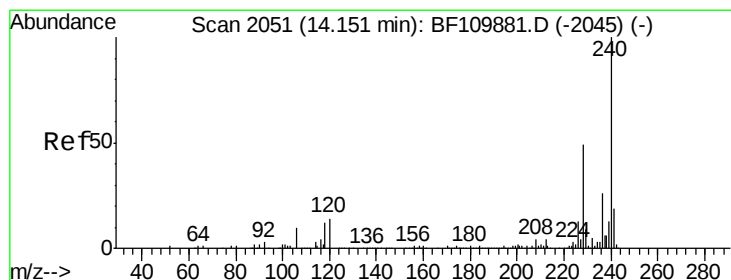
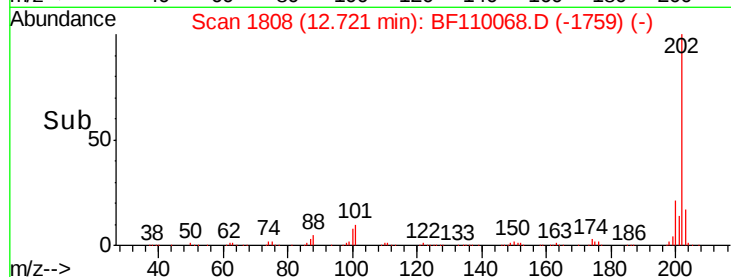
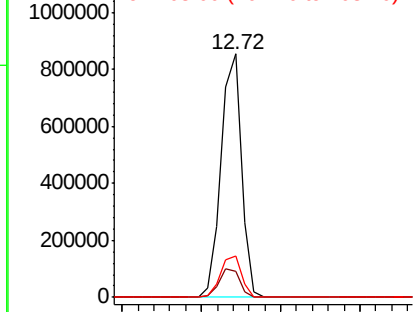
#75
 Fluoranthene
 Concen: 29.192 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	16.8	0.0	37.7

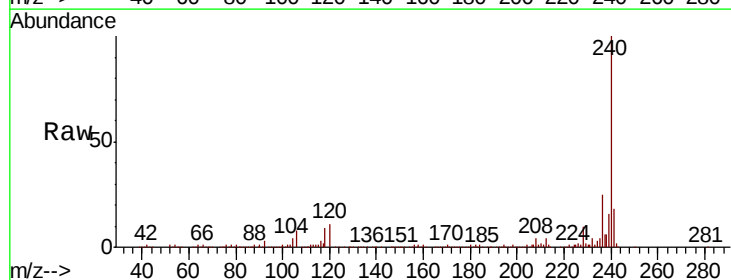


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

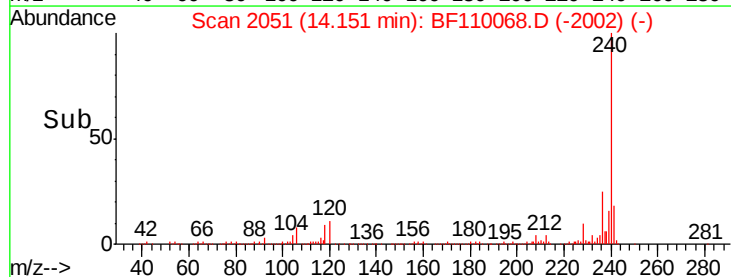
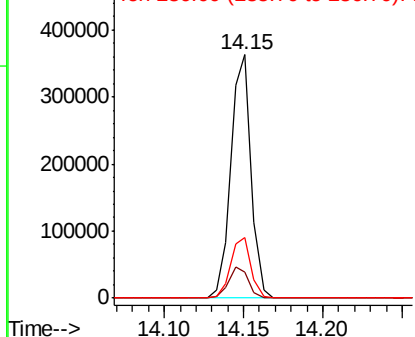


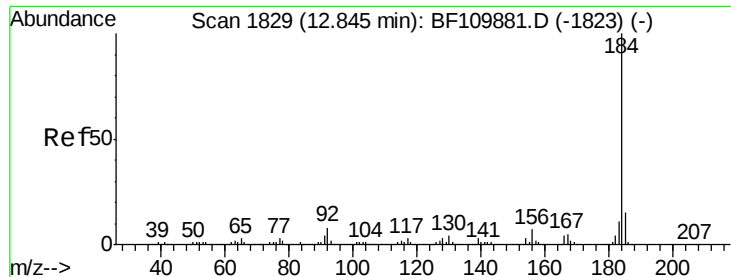
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	24.8	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: 35.753 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

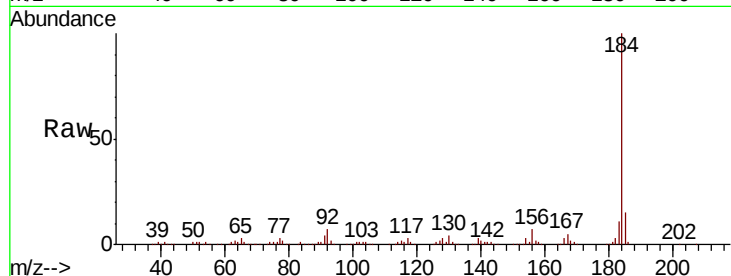
Tot Ion:184 Resp: 436878

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

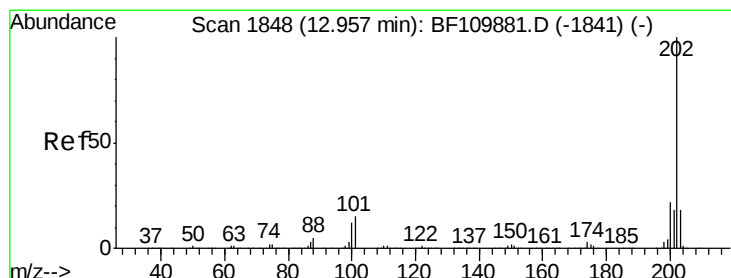
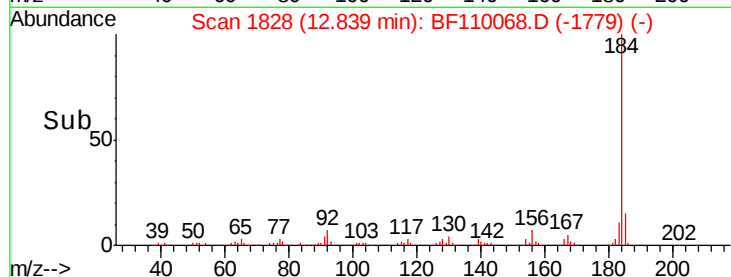
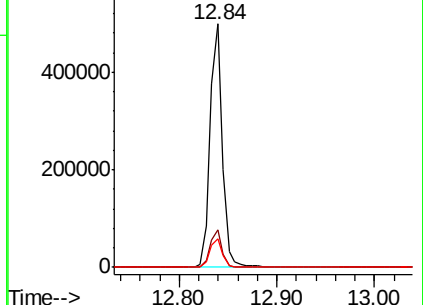
183 11.5 9.4 14.2



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: 31.827 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

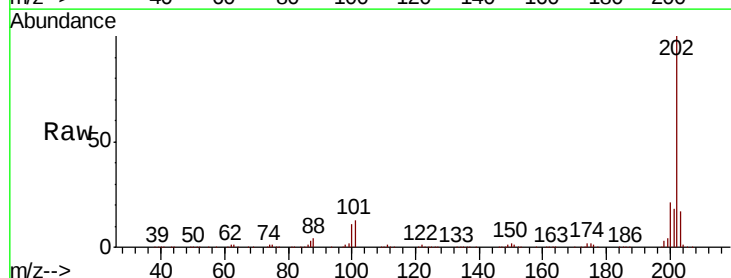
Tgt Ion:202 Resp: 744994

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

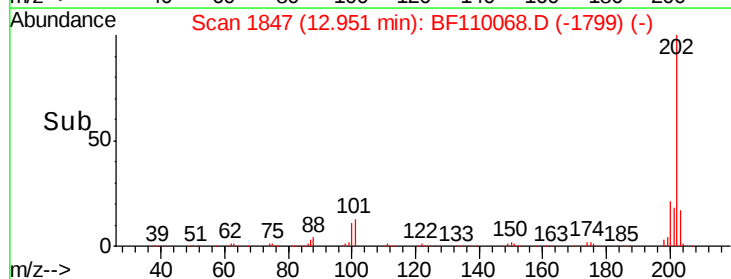
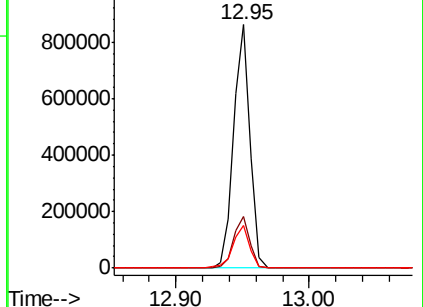
203 17.5 14.2 21.4



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

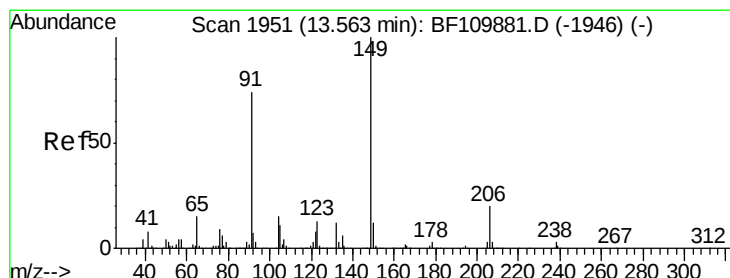
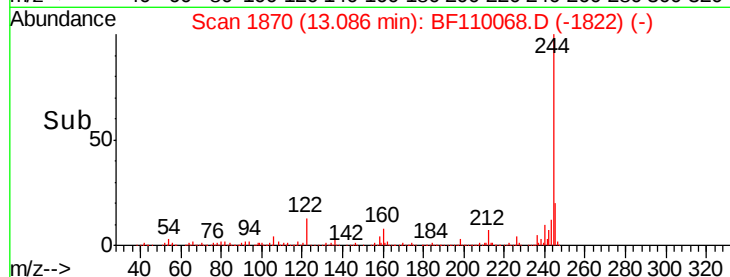
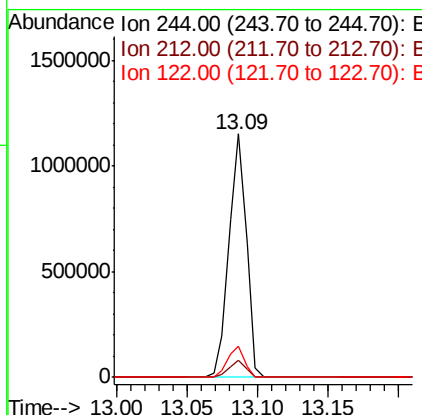
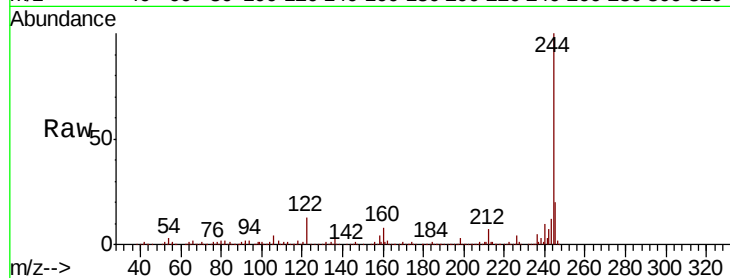




#79
 Terphenyl-d14
 Concen: 65.111 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

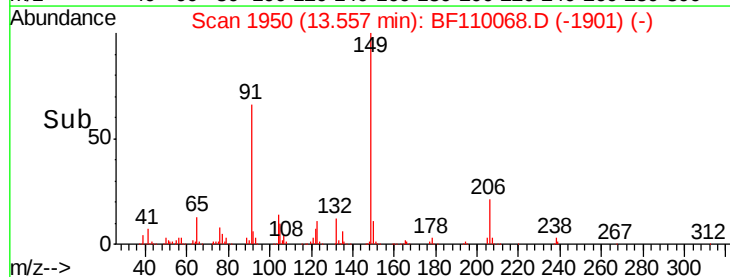
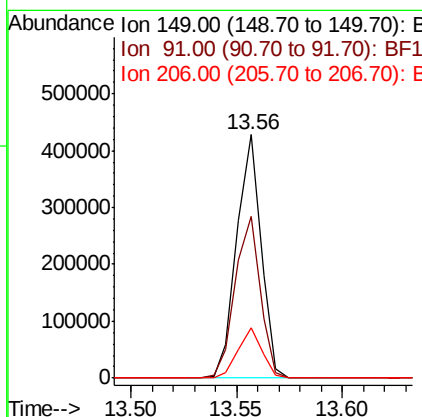
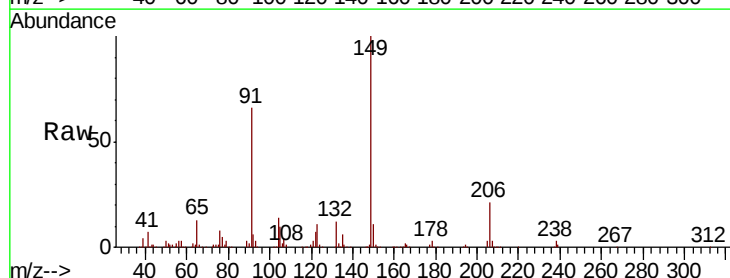
Instrument :
 BNA_F
 ClientSampleId :

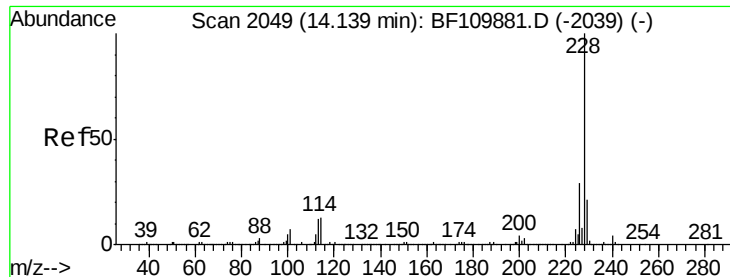
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.8	8.7	13.1



#80
 Butylbenzylphthalate
 Concen: 36.072 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF110068.D
 Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	57.2	85.8
206	20.6	15.7	23.5

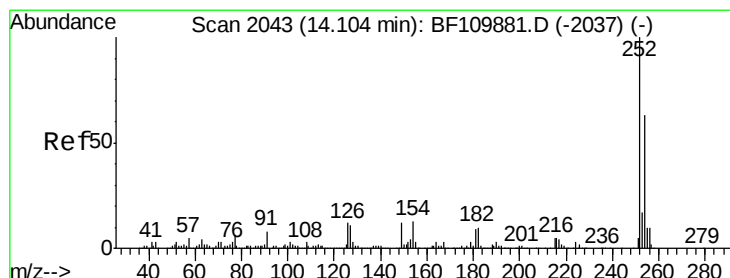
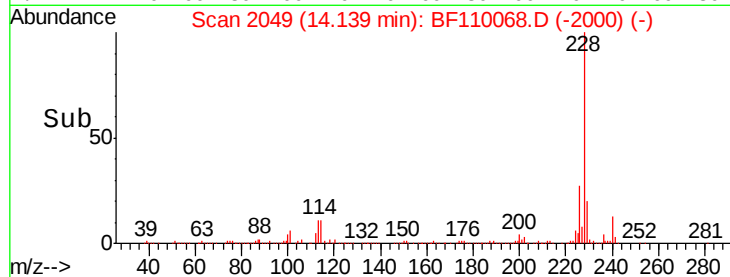
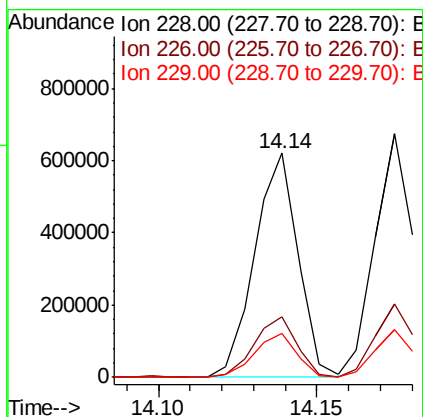
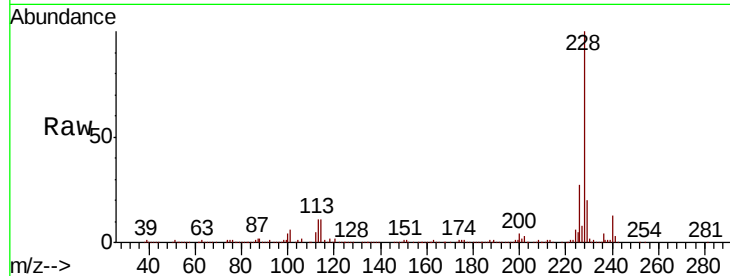




#81
Benzo(a)anthracene
Concen: 31.457 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

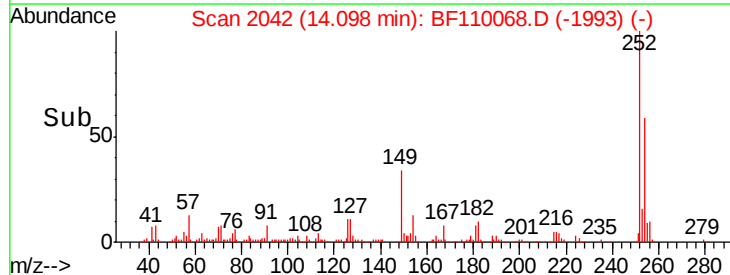
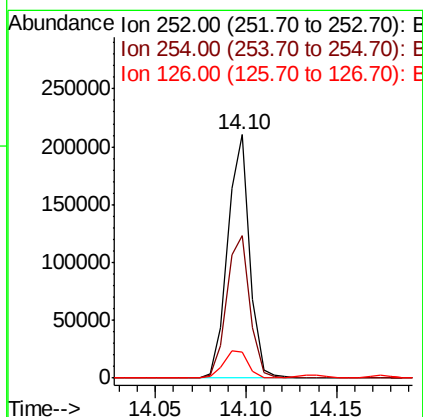
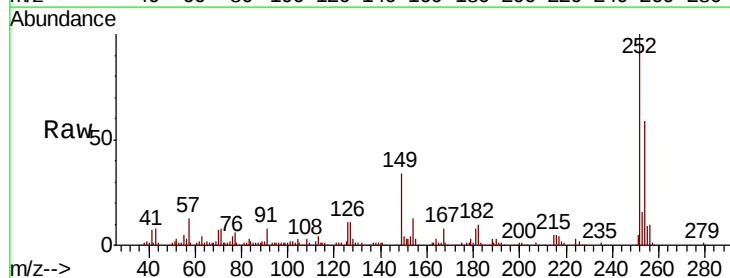
Instrument :
BNA_F
ClientSampleId :

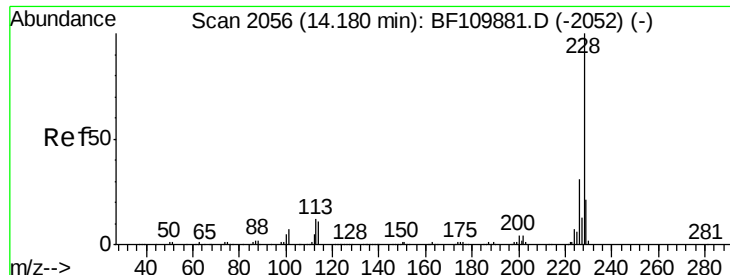
Tot Ion:228 Resp: 590516
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 26.941 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:252 Resp: 177301
Ion Ratio Lower Upper
252 100
254 58.8 51.3 76.9
126 10.7 9.4 14.2





#83

Chrysene

Concen: 31.368 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

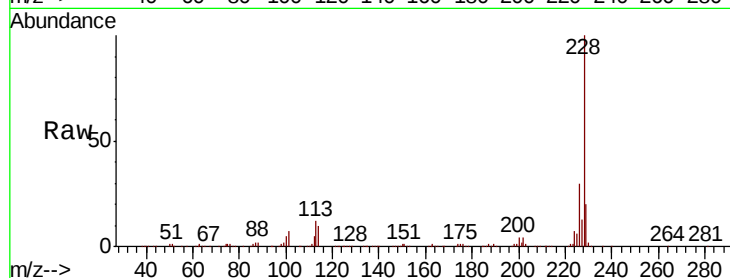
Tot Ion:228 Resp: 560489

Ion Ratio Lower Upper

228 100

226 30.1 24.7 37.1

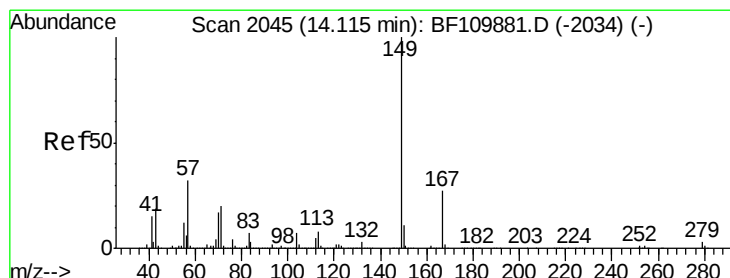
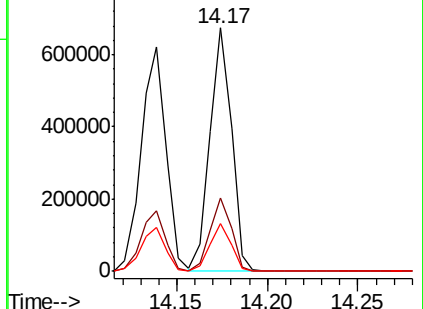
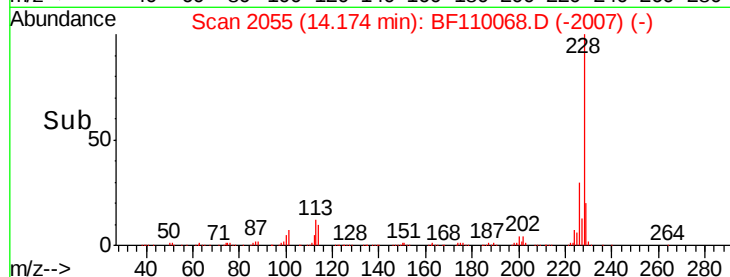
229 19.7 15.9 23.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.069 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

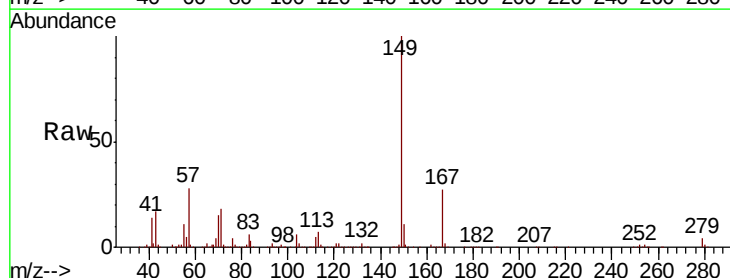
Tgt Ion:149 Resp: 461588

Ion Ratio Lower Upper

149 100

167 27.0 19.8 29.8

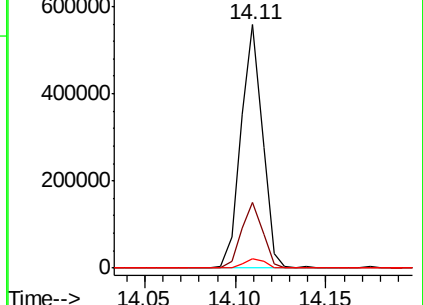
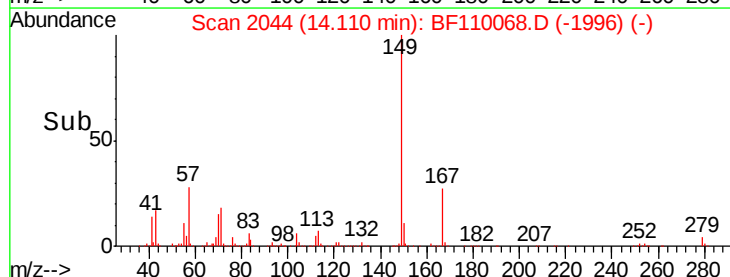
279 3.6 2.7 4.1

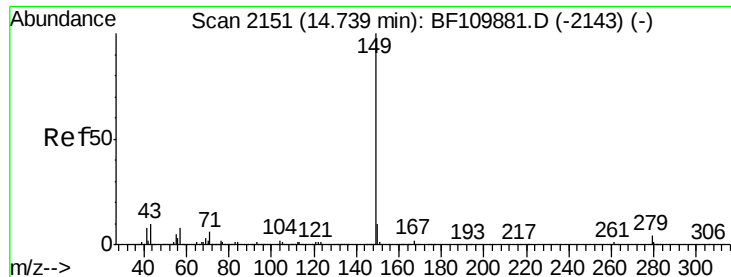


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

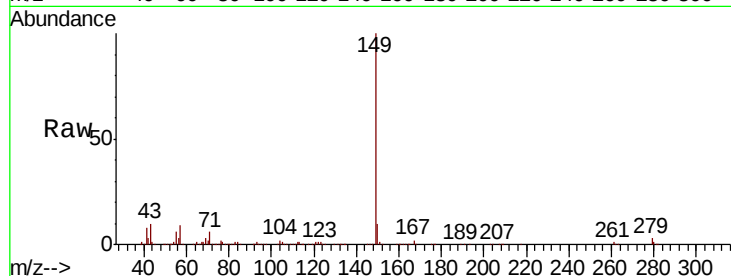




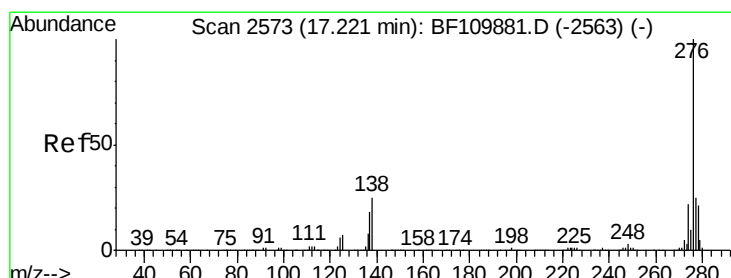
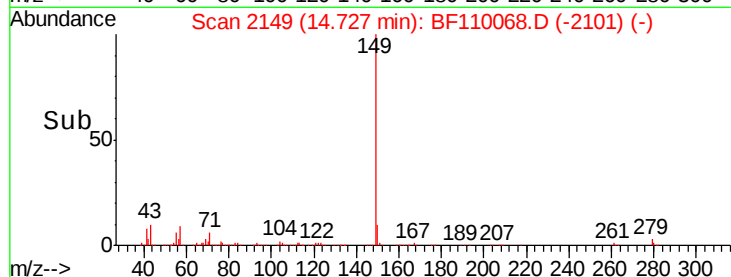
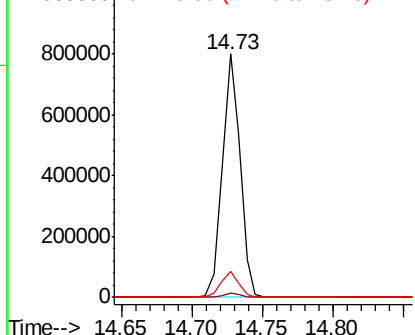
#85
Di-n-octyl phthalate
Concen: 39.923 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 700884
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.2 7.8 11.8

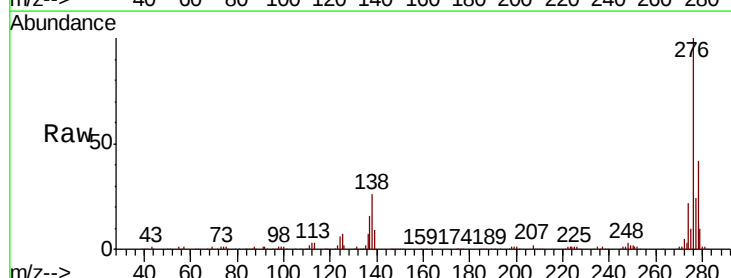


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

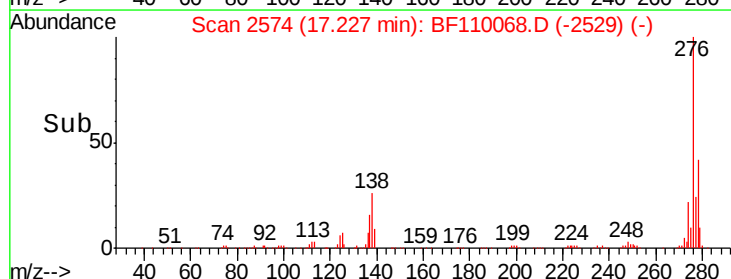
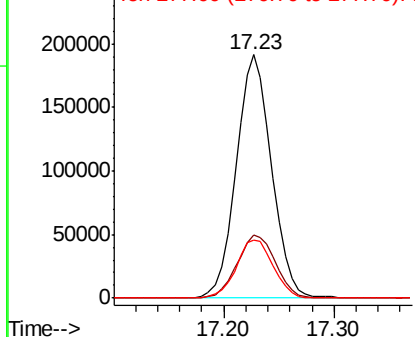


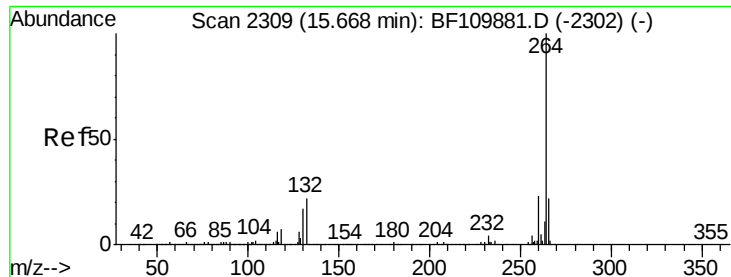
#86
Indeno(1,2,3-cd)pyrene
Concen: 29.854 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:276 Resp: 429500
Ion Ratio Lower Upper
276 100
138 28.0 18.5 27.7#
277 25.2 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

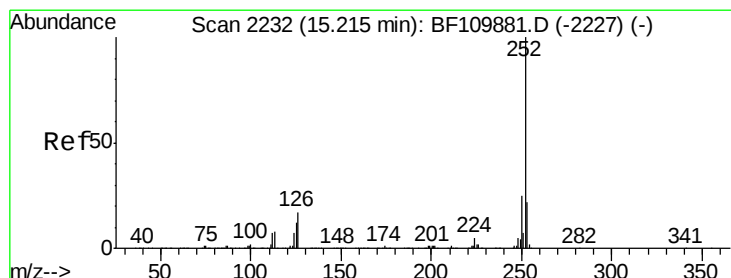
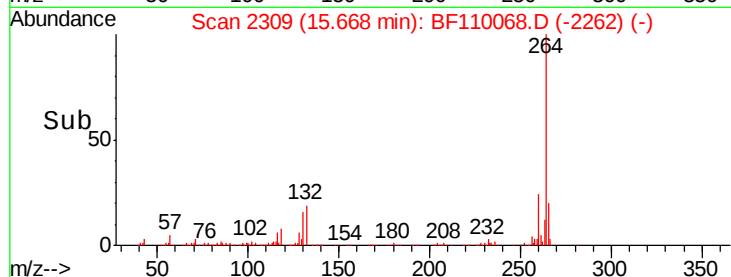
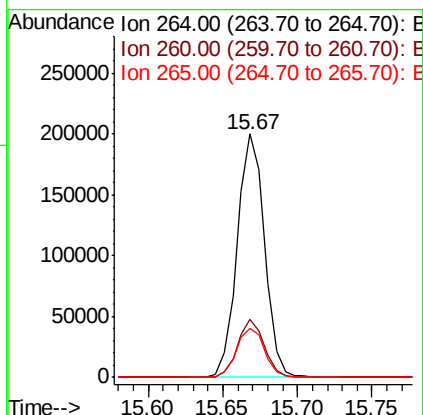
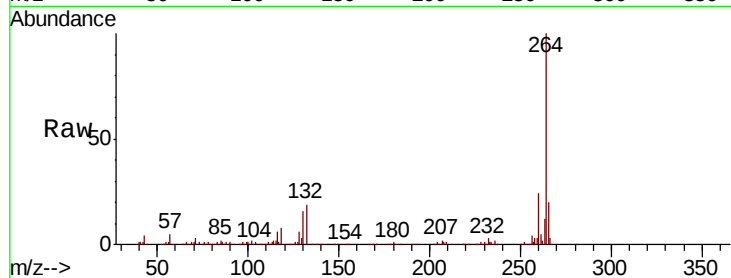




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

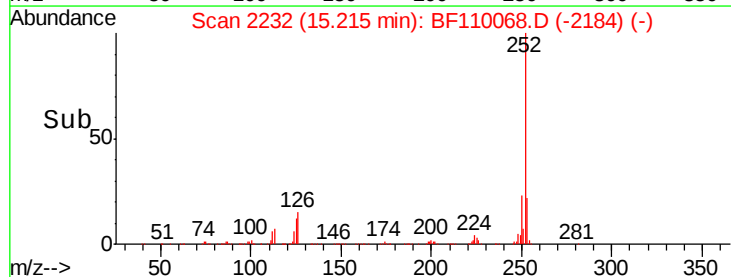
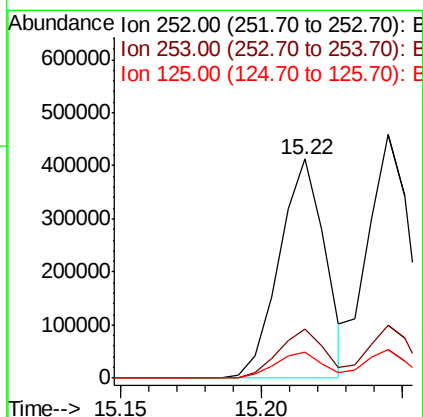
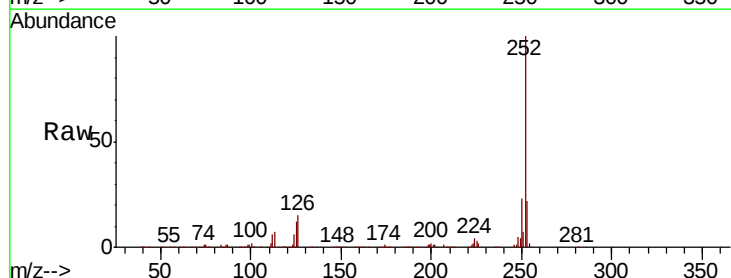
Instrument :
BNA_F
ClientSampleId :

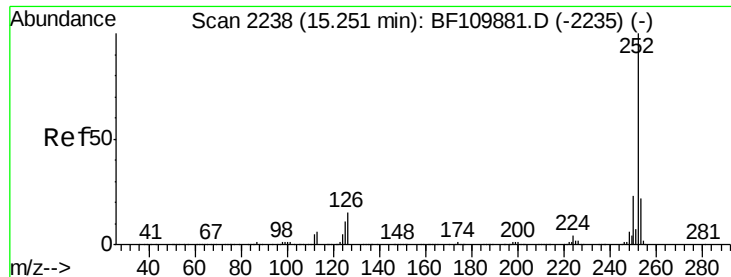
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.4	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 31.632 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.7	8.2	12.4

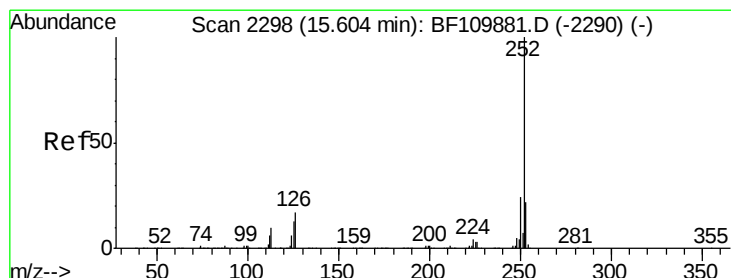
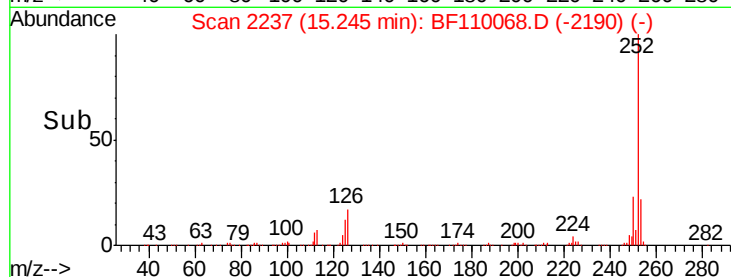
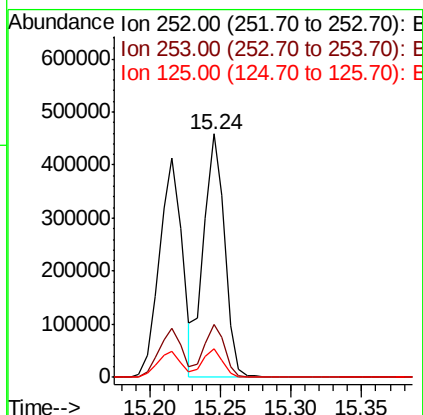
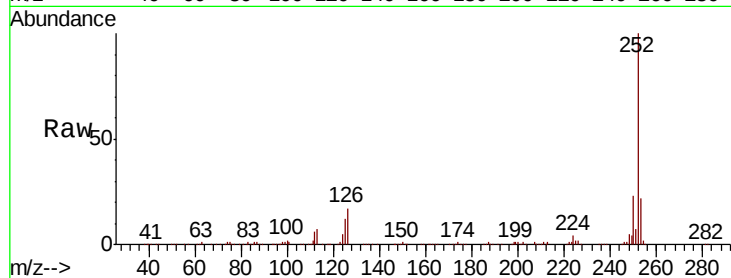




#89
Benzo(k)fluoranthene
Concen: 32.630 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

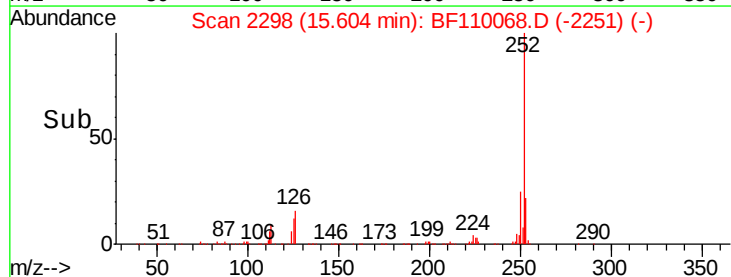
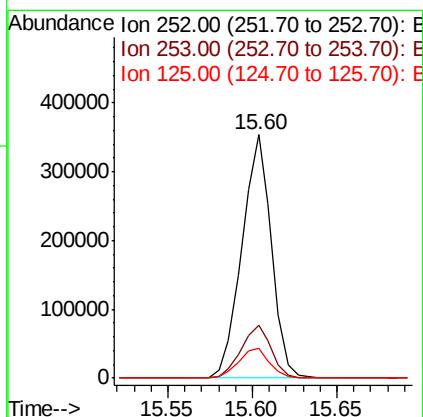
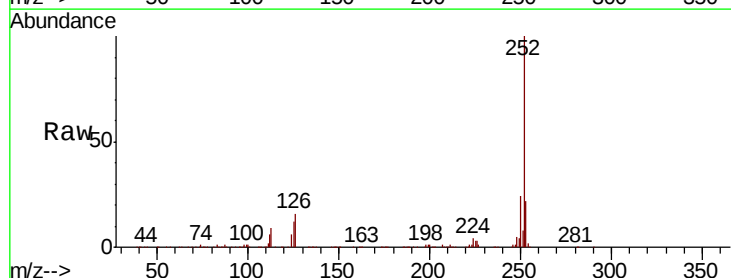
Instrument :
BNA_F
ClientSampleId :

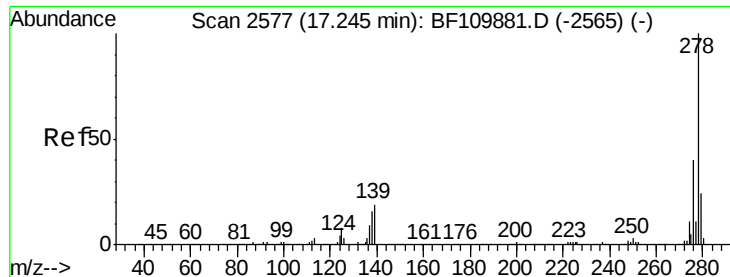
Tot Ion:252 Resp: 472767
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 11.5 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 31.968 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110068.D
Acq: 23 Oct 2018 00:50

Tgt Ion:252 Resp: 432182
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 12.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 30.467 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.04 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

Instrument :

BNA_F

ClientSampleId :

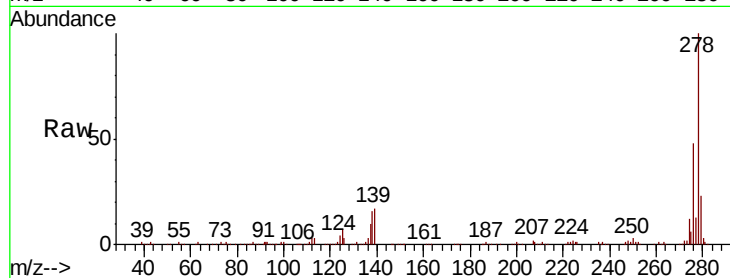
Tot Ion:278 Resp: 365032

Ion Ratio Lower Upper

278 100

139 17.2 12.7 19.1

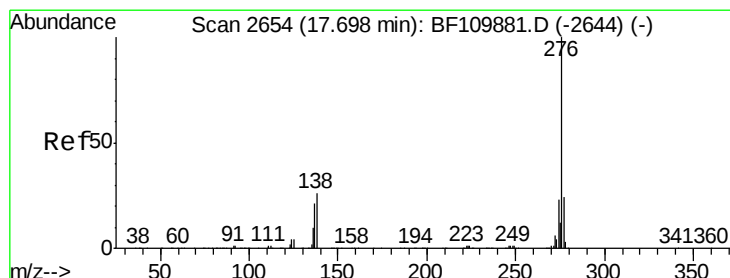
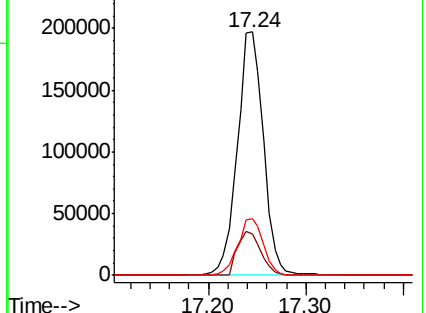
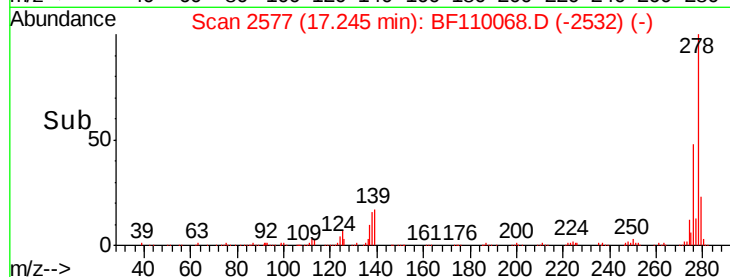
279 23.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 28.286 ng

RT: 17.70 min Scan# 2654

Delta R.T. -0.04 min

Lab File: BF110068.D

Acq: 23 Oct 2018 00:50

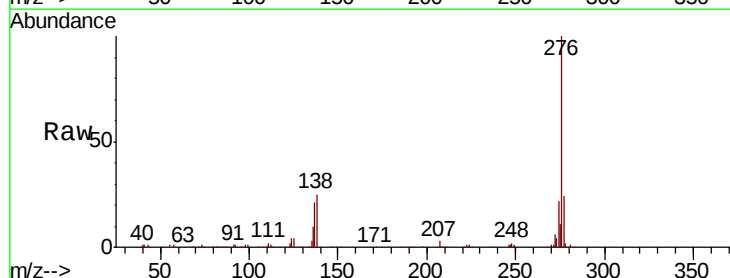
Tgt Ion:276 Resp: 342408

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 24.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

