

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110264.D
 Acq On : 29 Oct 2018 16:00
 Operator : JU/SJ
 Sample : J5649-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:04:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113734	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	449260	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	196114	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	309737	20.00	ng	0.00
76) Chrysene-d12	14.16	240	212851	20.00	ng	0.00
87) Perylene-d12	15.69	264	183384	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	820530	117.48	ng	0.01
7) Phenol-d6	6.60	99	1070895	119.88	ng	0.01
23) Nitrobenzene-d5	7.54	82	666542	88.00	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	215541	110.95	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1187098	95.05	ng	0.00
79) Terphenyl-d14	13.09	244	873220	85.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	84513	23.096	ng	90
3) Pyridine	3.63	79	204649	25.110	ng	88
4) n-Nitrosodimethylamine	3.58	42	145322	42.559	ng	93
6) Aniline	6.64	93	321706	27.645	ng	# 53
8) 2-Chlorophenol	6.76	128	322159	40.009	ng	98
9) Benzaldehyde	6.52	77	168123	30.225	ng	98
10) Phenol	6.62	94	474985	49.742	ng	# 64
11) bis(2-Chloroethyl)ether	6.70	93	299719	38.151	ng	91
12) 1,3-Dichlorobenzene	6.91	146	327800	36.992	ng	99
13) 1,4-Dichlorobenzene	6.99	146	334069	37.276	ng	98
14) 1,2-Dichlorobenzene	7.15	146	320317	38.501	ng	98
15) Benzyl Alcohol	7.11	79	285023	41.483	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	479211	38.150	ng	69
17) 2-Methylphenol	7.22	107	265205	41.327	ng	# 82
18) Hexachloroethane	7.48	117	116609	35.539	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	222928	38.898	ng	98
20) 3+4-Methylphenols	7.37	107	338923	40.858	ng	97
22) Acetophenone	7.38	105	444831	42.971	ng	# 97
24) Nitrobenzene	7.56	77	329936	42.191	ng	92
25) Isophorone	7.79	82	605346	46.885	ng	97
26) 2-Nitrophenol	7.87	139	168493	45.278	ng	96
27) 2,4-Dimethylphenol	7.90	122	298415	48.368	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	388434	44.286	ng	99
29) 2,4-Dichlorophenol	8.11	162	269818	43.288	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	284644	40.769	ng	97
31) Naphthalene	8.28	128	943230	45.554	ng	100
32) Benzoic acid	8.00	122	91015	19.087	ng	96
33) 4-Chloroaniline	8.32	127	182098	19.541	ng	98
34) Hexachlorobutadiene	8.39	225	157592	40.652	ng	98
35) Caprolactam	8.69	113	51685	23.790	ng	# 89
36) 4-Chloro-3-methylphenol	8.80	107	282851	41.964	ng	95
37) 2-Methylnaphthalene	8.97	142	640935	46.785	ng	99
38) 1-Methylnaphthalene	9.07	142	604937	45.694	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	265082	43.381	ng	99

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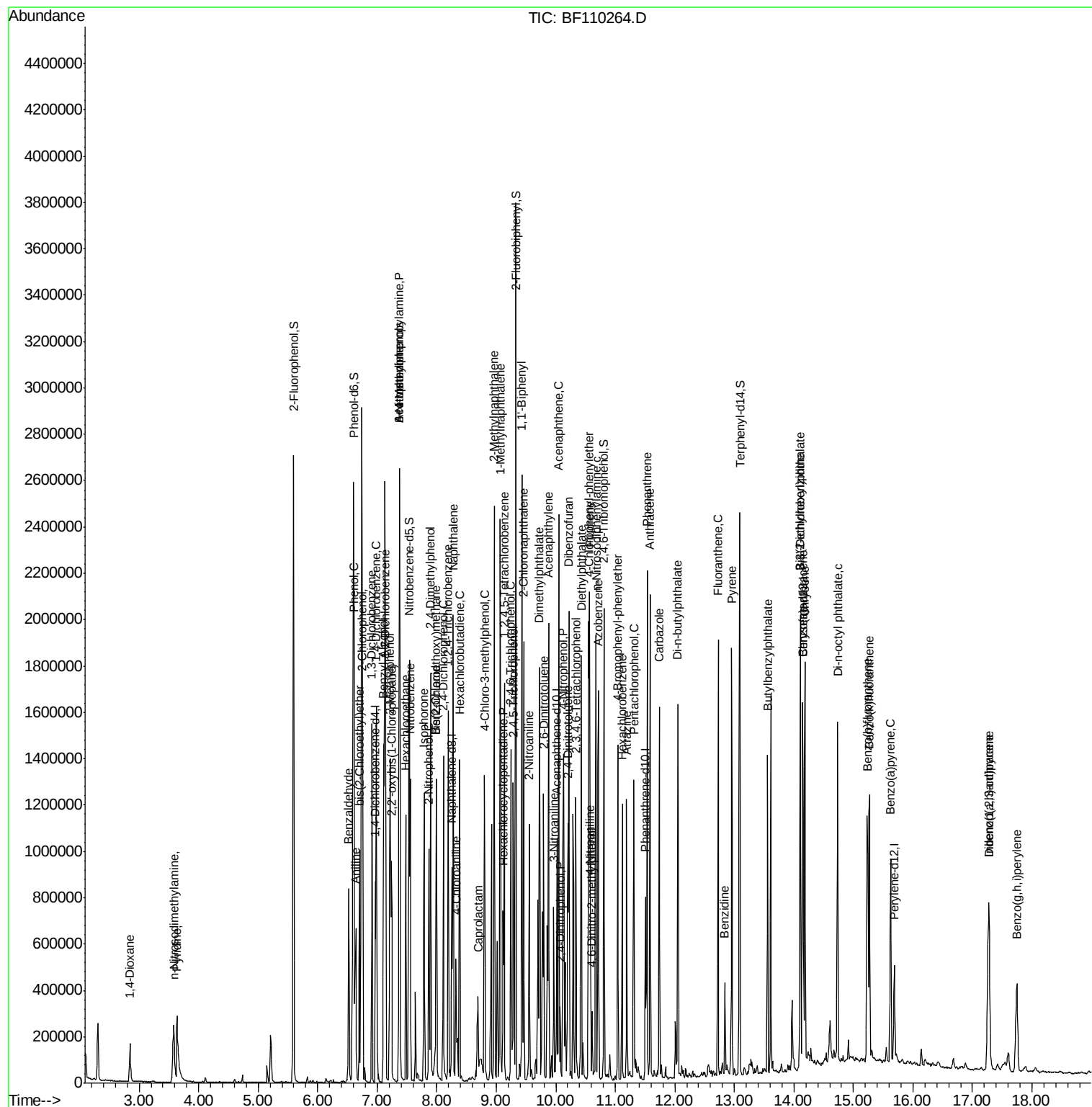
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	103377	33.086	ng	98
43) 2,4,6-Trichlorophenol	9.25	196	171401	43.489	ng	93
44) 2,4,5-Trichlorophenol	9.29	196	182746	43.866	ng	96
46) 1,1'-Biphenyl	9.43	154	739441	41.695	ng	99
47) 2-Chloronaphthalene	9.46	162	557071	42.823	ng	98
48) 2-Nitroaniline	9.56	65	173717	44.067	ng	93
49) Acenaphthylene	9.88	152	838209	44.611	ng	98
50) Dimethylphthalate	9.73	163	854510	59.027	ng	100
51) 2,6-Dinitrotoluene	9.80	165	136558	43.792	ng	92
52) Acenaphthene	10.05	154	512088	41.198	ng	98
53) 3-Nitroaniline	9.97	138	110913	29.910	ng	90
54) 2,4-Dinitrophenol	10.07	184	35925	32.325	ng	89
55) Dibenzofuran	10.22	168	739494	42.492	ng	98
56) 4-Nitrophenol	10.13	139	281348	102.511	ng	91
57) 2,4-Dinitrotoluene	10.20	165	172490	43.549	ng	# 88
58) Fluorene	10.57	166	566467	43.735	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	138234	40.709	ng	# 94
60) Diethylphthalate	10.43	149	626714	44.348	ng	100
61) 4-Chlorophenyl-phenylether	10.55	204	278296	40.730	ng	98
62) 4-Nitroaniline	10.59	138	127142	34.472	ng	92
63) Azobenzene	10.72	77	566112	40.358	ng	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	31610	22.338	ng	86
66) n-Nitrosodiphenylamine	10.67	169	500263	49.241	ng	97
67) 4-Bromophenyl-phenylether	11.04	248	155448	46.268	ng	95
68) Hexachlorobenzene	11.12	284	154416	43.317	ng	97
69) Atrazine	11.20	200	152101	47.375	ng	99
70) Pentachlorophenol	11.31	266	137291	66.048	ng	98
71) Phenanthrene	11.53	178	750344	46.298	ng	100
72) Anthracene	11.59	178	744630	45.838	ng	99
73) Carbazole	11.74	167	627351	39.552	ng	99
74) Di-n-butylphthalate	12.05	149	847909	47.333	ng	99
75) Fluoranthene	12.73	202	700358	42.580	ng	99
77) Benzidine	12.84	184	149612	19.388	ng	97
78) Pyrene	12.96	202	698677	45.786	ng	98
80) Butylbenzylphthalate	13.56	149	296388	44.749	ng	98
81) Benzo(a)anthracene	14.14	228	607070	48.094	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	172519	39.250	ng	98
83) Chrysene	14.19	228	577660	48.183	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	397117	44.354	ng	97
85) Di-n-octyl phthalate	14.73	149	689406	49.520	ng	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	412168	41.441	ng	96
88) Benzo(b)fluoranthene	15.23	252	558021	52.694	ng	98
89) Benzo(k)fluoranthene	15.27	252	463823	44.552	ng	99
90) Benzo(a)pyrene	15.63	252	455860	46.782	ng	98
91) Dibenzo(a,h)anthracene	17.28	278	347317	41.308	ng	99
92) Benzo(g,h,i)perylene	17.74	276	326657	39.426	ng	96

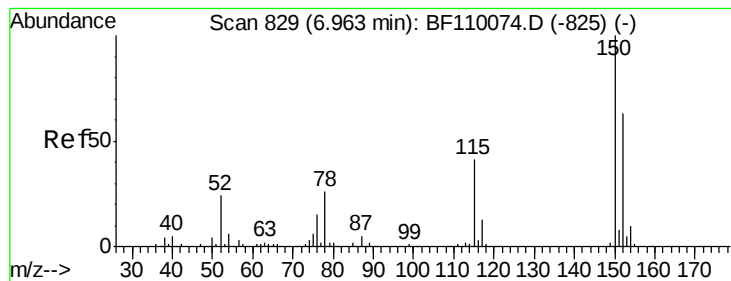
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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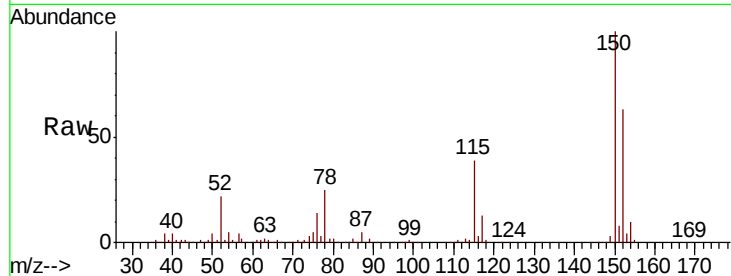


#1

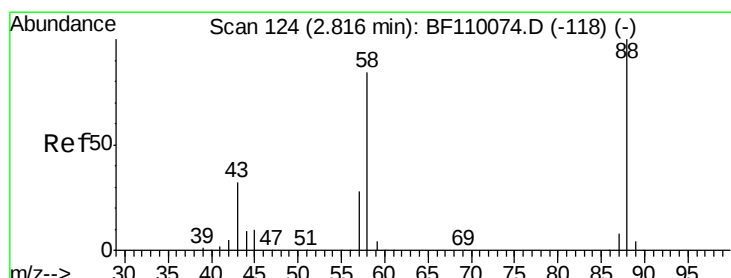
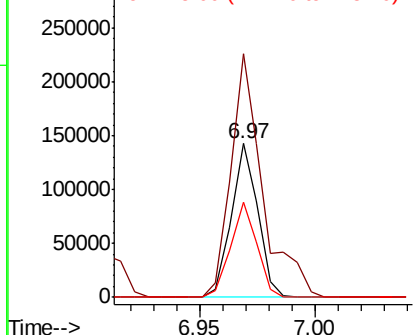
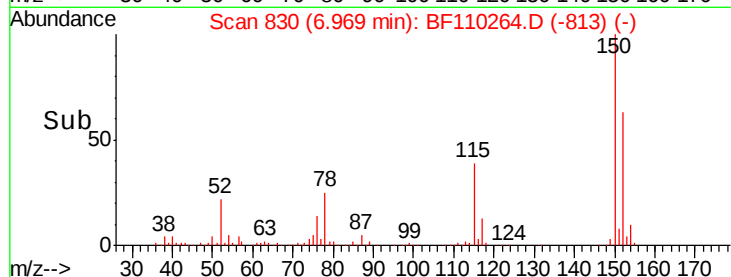
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113734
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 62.3 49.1 73.7



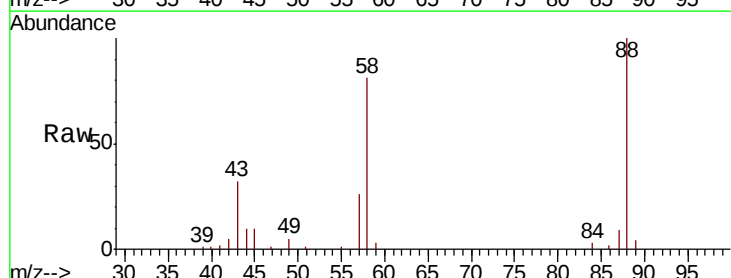
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



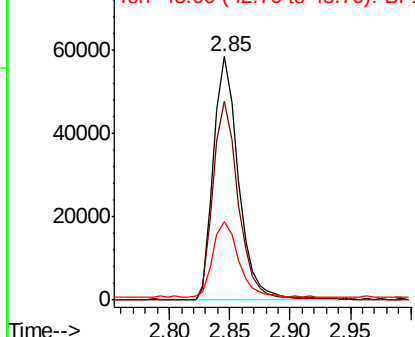
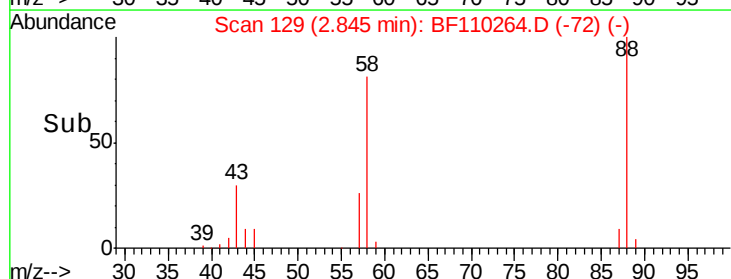
#2

1,4-Dioxane
Concen: 23.096 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.04 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion: 88 Resp: 84513
Ion Ratio Lower Upper
88 100
58 82.4 57.1 85.7
43 31.6 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: 25.110 ng

RT: 3.63 min Scan# 263

Delta R.T. 0.04 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

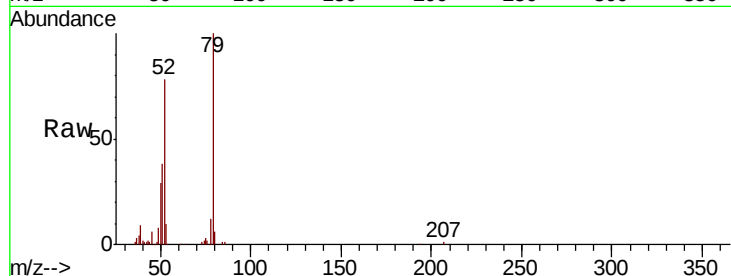
Tot Ion: 79 Resp: 204649

Ion Ratio Lower Upper

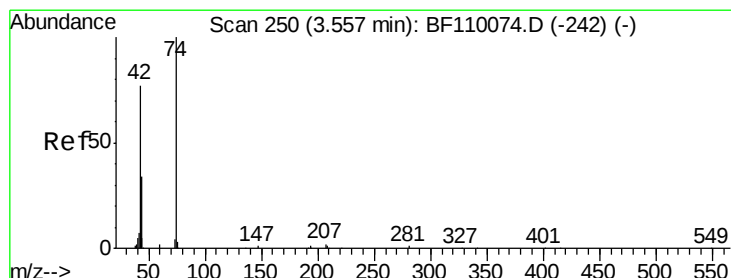
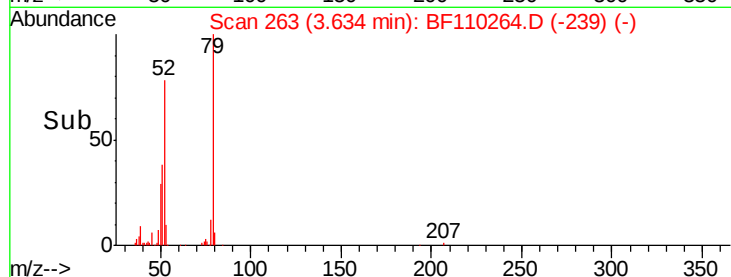
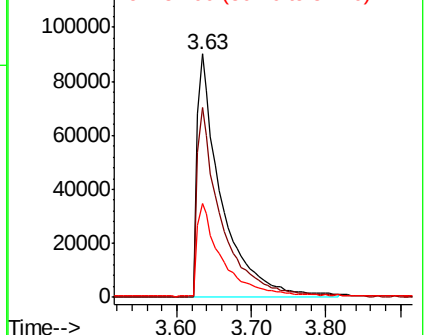
79 100

52 77.7 53.1 79.7

51 38.4 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: 42.559 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.03 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

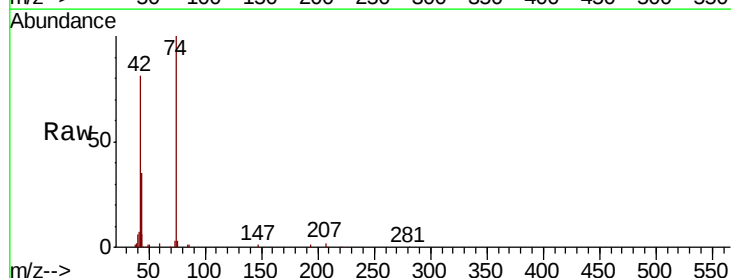
Tgt Ion: 42 Resp: 145322

Ion Ratio Lower Upper

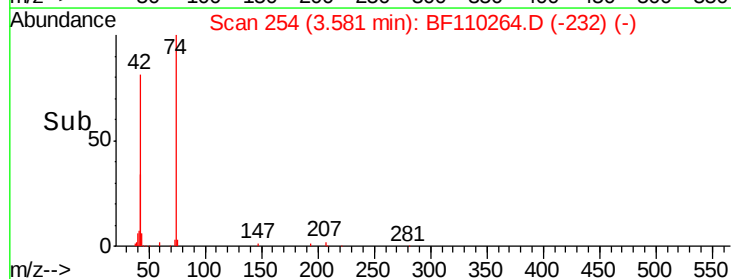
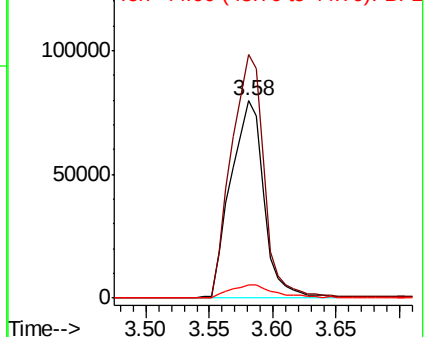
42 100

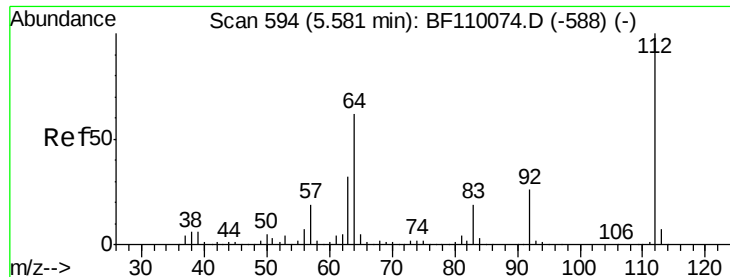
74 123.4 105.5 158.3

44 6.8 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: 117.484 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

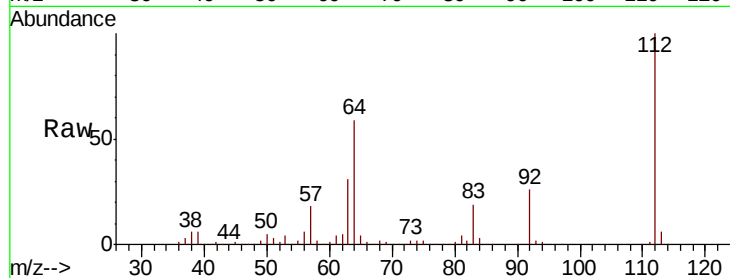
Tot Ion: 112 Resp: 820530

Ion Ratio Lower Upper

112 100

64 58.6 44.1 66.1

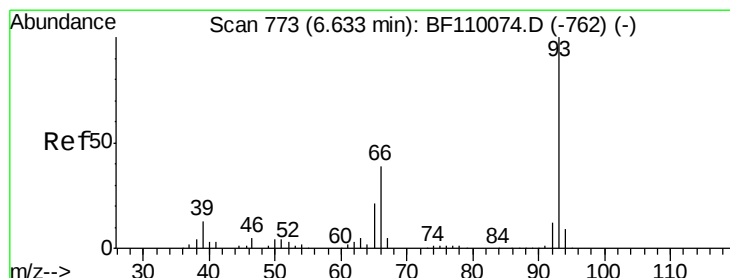
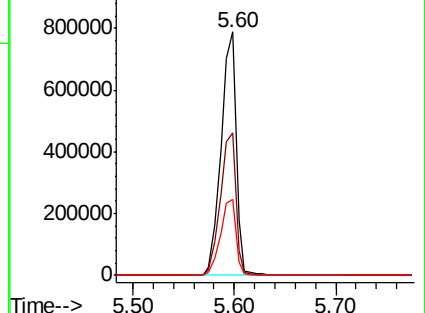
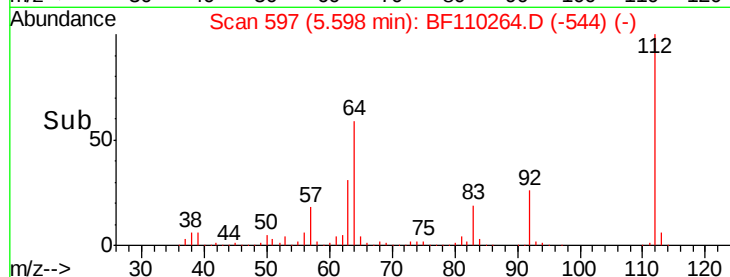
63 31.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.645 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

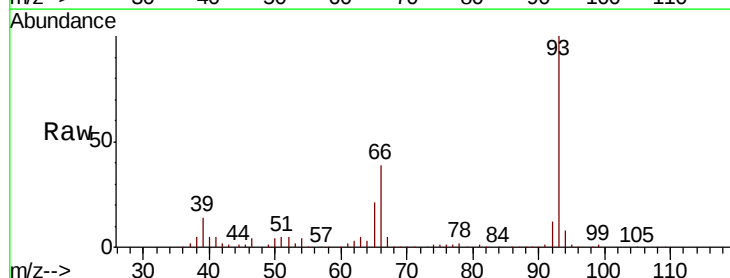
Tgt Ion: 93 Resp: 321706

Ion Ratio Lower Upper

93 100

66 39.4 67.4 101.0#

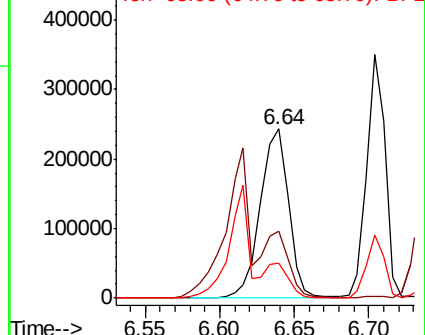
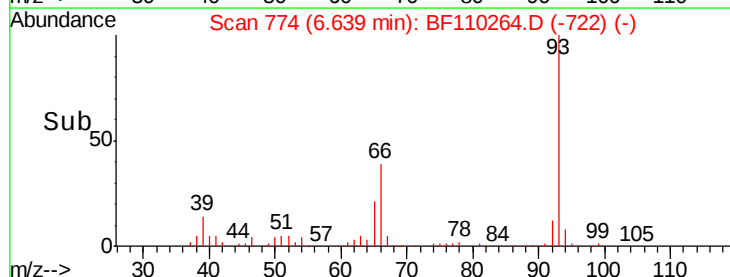
65 20.9 41.0 61.4#

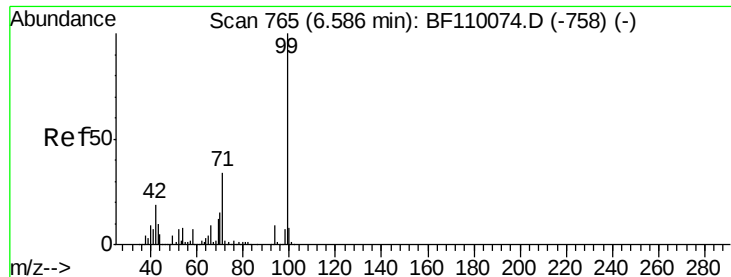


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.877 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

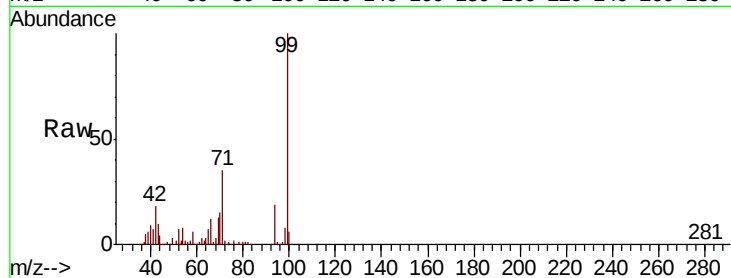
Tot Ion: 99 Resp: 1070895

Ion Ratio Lower Upper

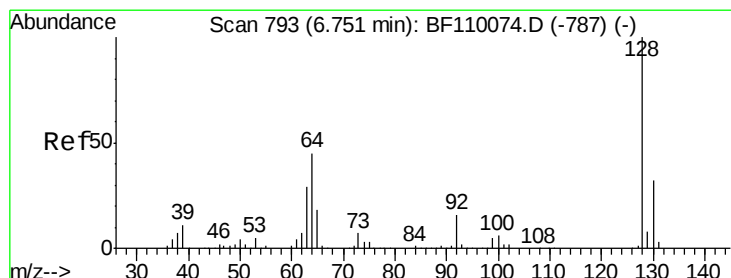
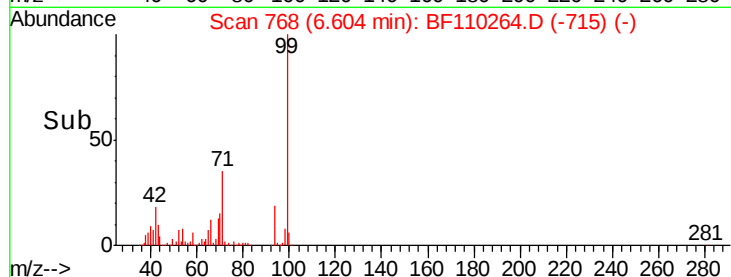
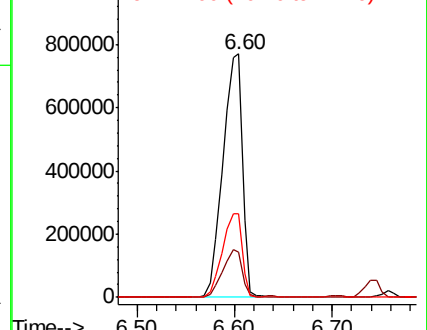
99 100

42 18.4 15.8 23.6

71 34.5 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: 40.009 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

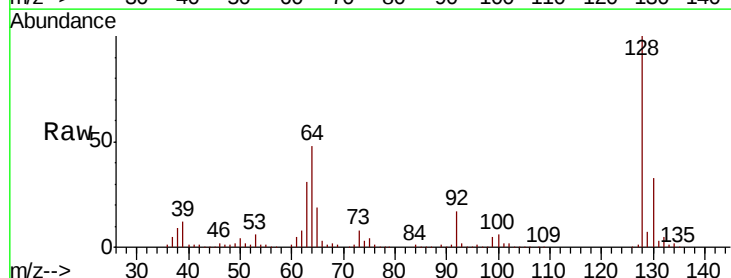
Tgt Ion: 128 Resp: 322159

Ion Ratio Lower Upper

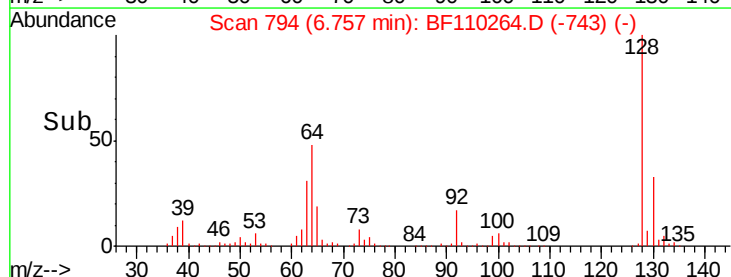
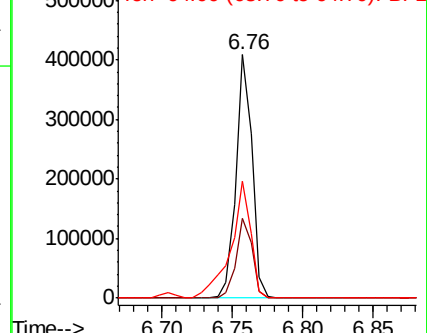
128 100

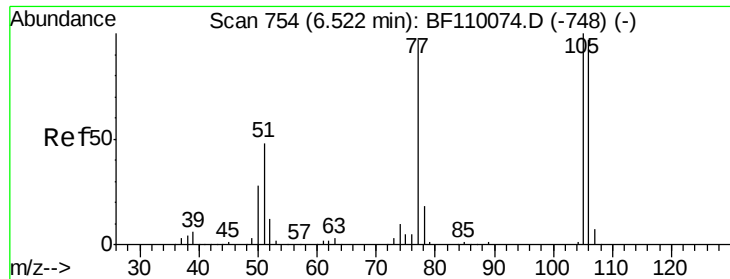
130 32.7 13.1 53.1

64 47.8 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: 30.225 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

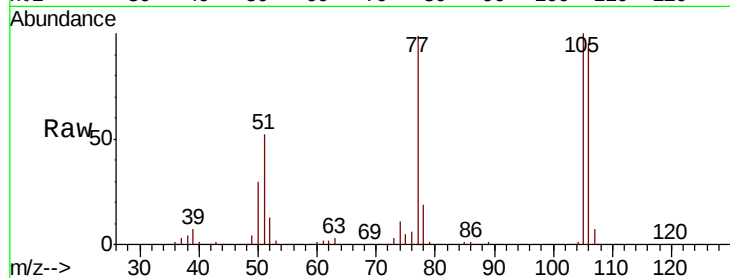
Tot Ion: 77 Resp: 168123

Ion Ratio Lower Upper

77 100

105 101.5 78.6 118.6

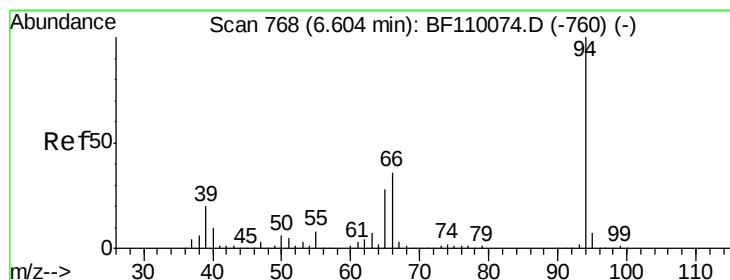
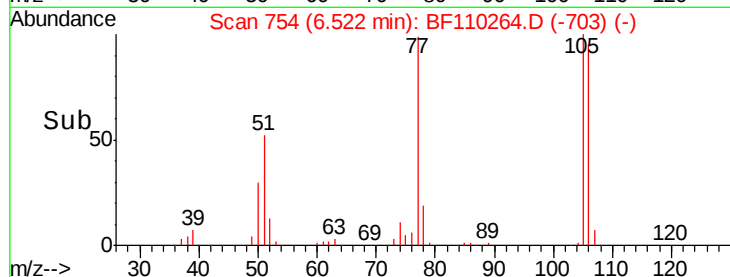
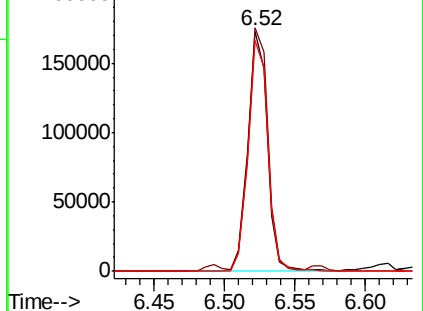
106 96.0 74.8 114.8



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: 49.742 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

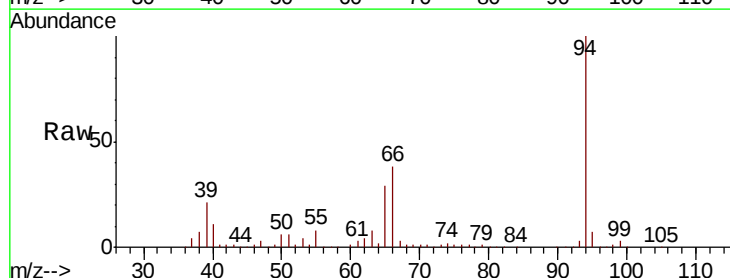
Tgt Ion: 94 Resp: 474985

Ion Ratio Lower Upper

94 100

65 28.6 25.3 65.3

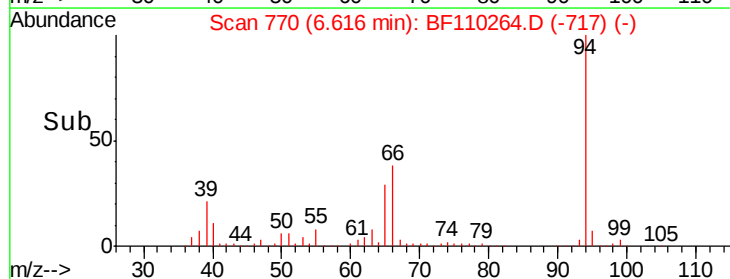
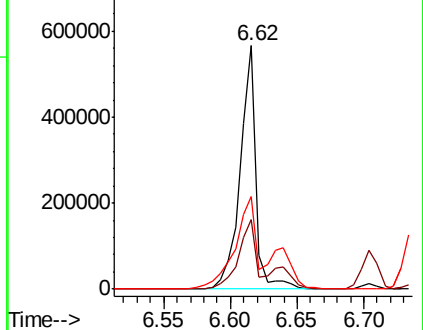
66 38.2 54.5 94.5#

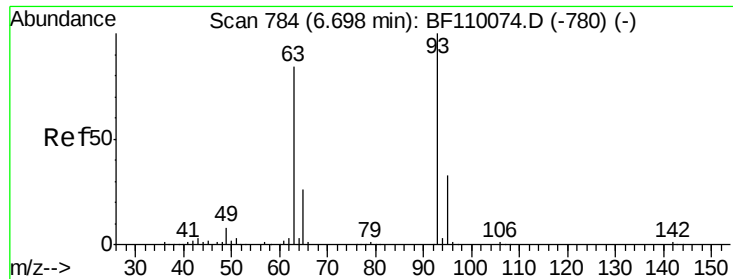


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.151 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

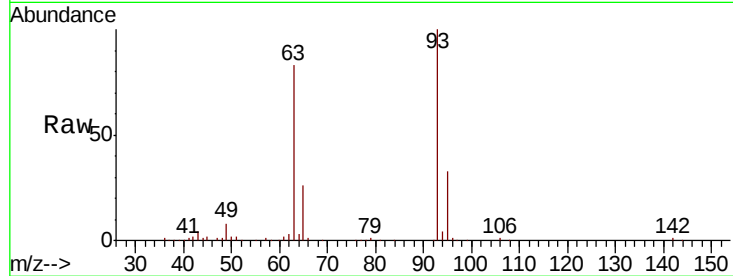
Tot Ion: 93 Resp: 299719

Ion Ratio Lower Upper

93 100

63 83.3 53.4 93.4

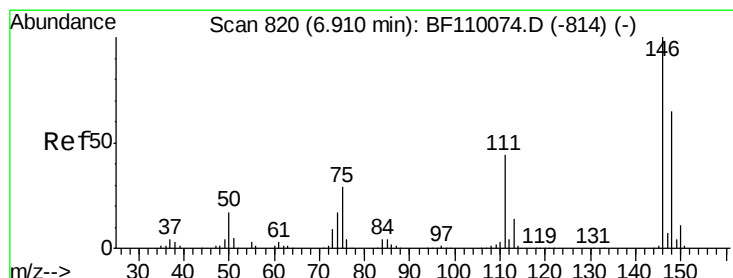
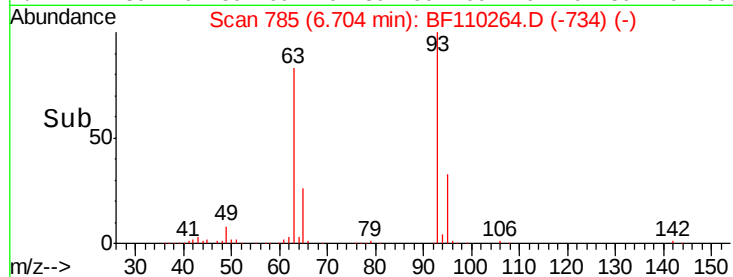
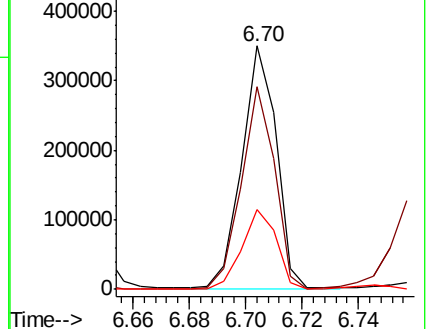
95 33.0 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 36.992 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

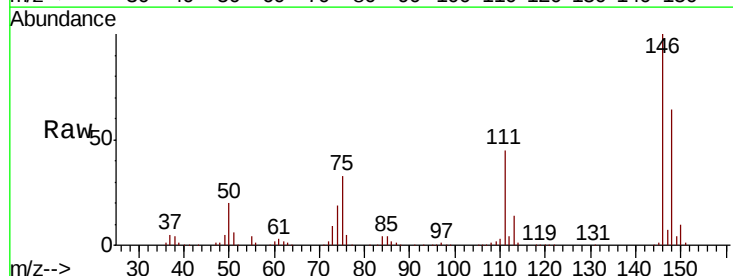
Tgt Ion: 146 Resp: 327800

Ion Ratio Lower Upper

146 100

148 63.8 50.4 75.6

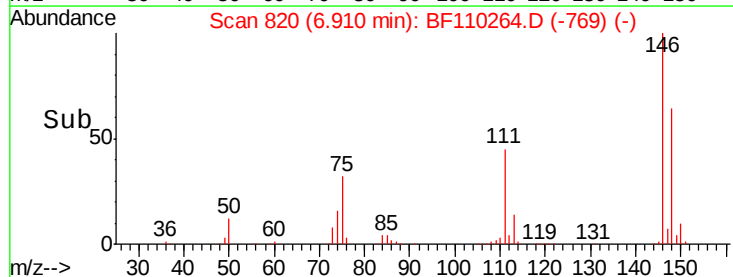
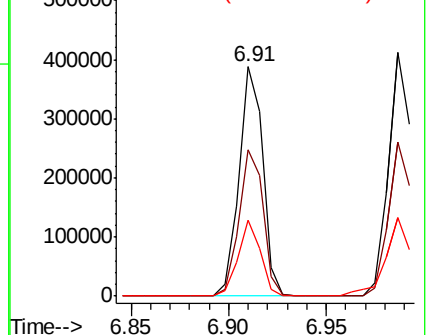
75 33.3 25.8 38.6

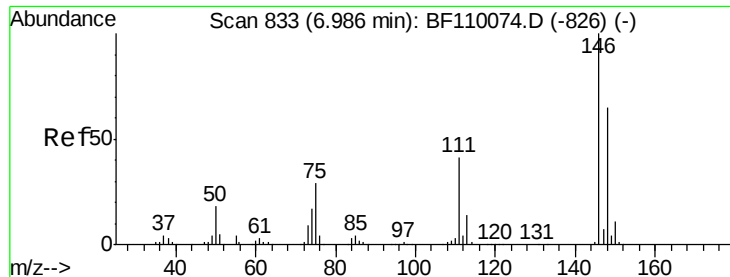


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

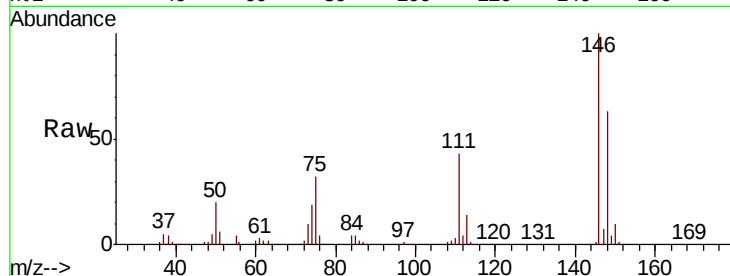




#13
 1,4-Dichlorobenzene
 Concen: 37.276 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
111	43.0	32.7	49.1

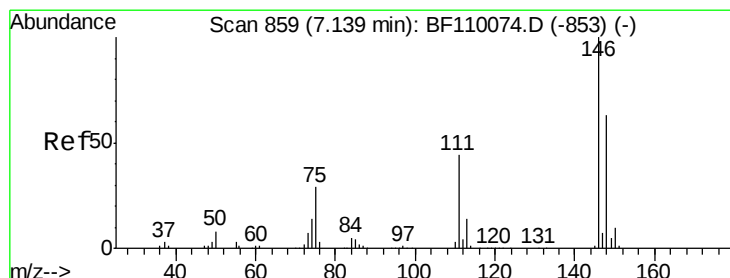
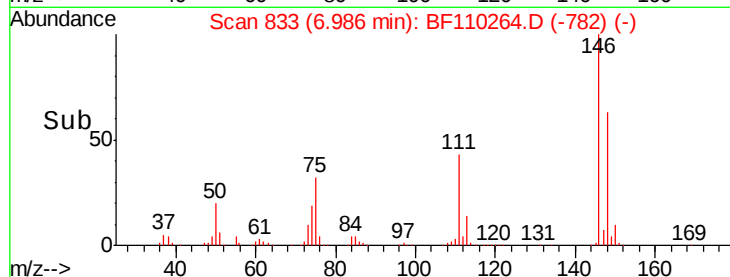
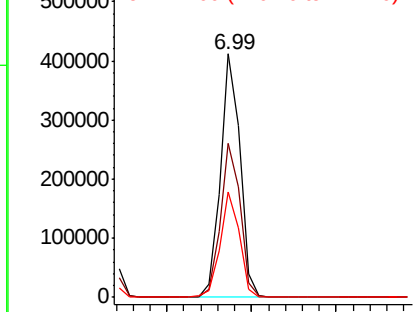


Abundance

Ion 146.00 (145.70 to 146.70): E

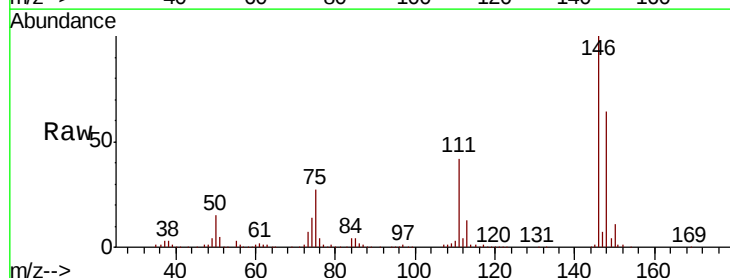
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.501 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	41.9	35.8	53.6

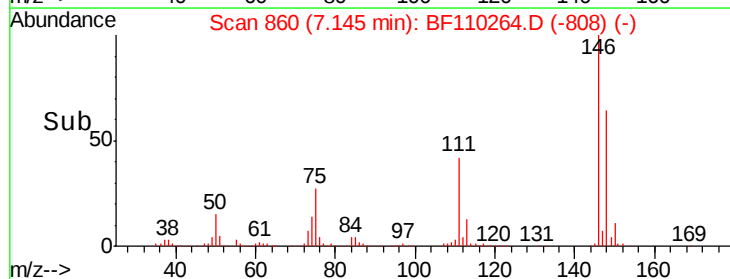
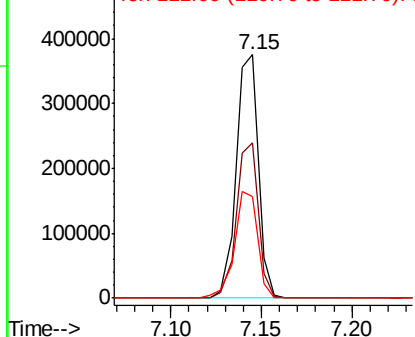


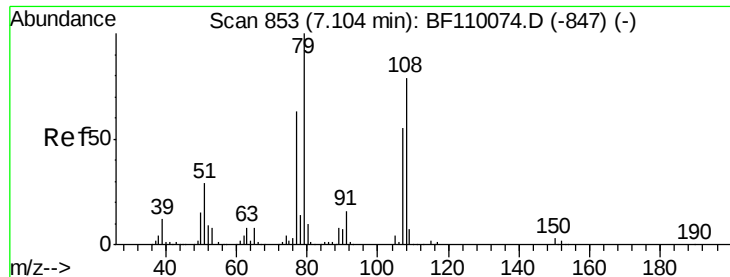
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.483 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

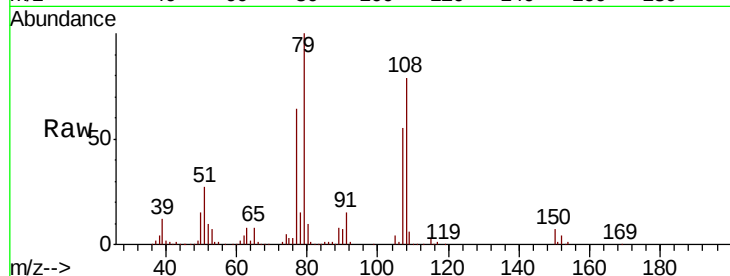
Tot Ion: 79 Resp: 285023

Ion Ratio Lower Upper

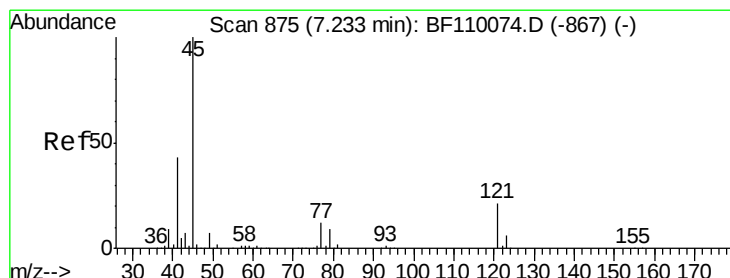
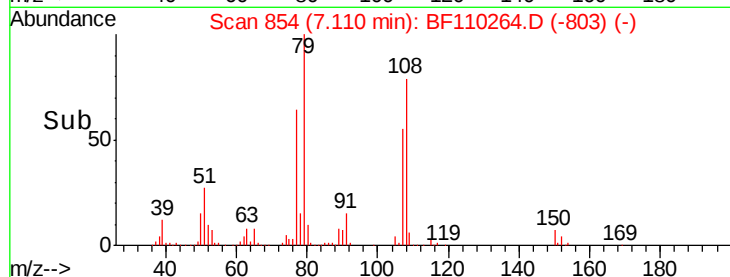
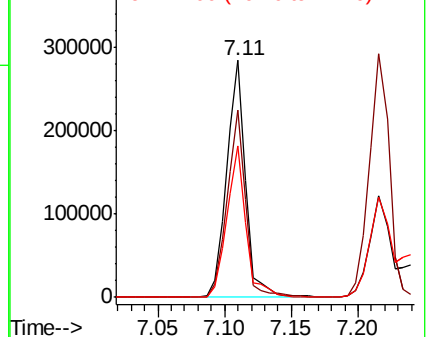
79 100

108 79.0 56.3 84.5

77 63.8 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.150 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

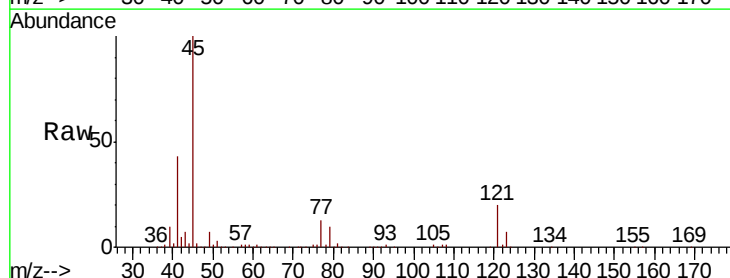
Tgt Ion: 45 Resp: 479211

Ion Ratio Lower Upper

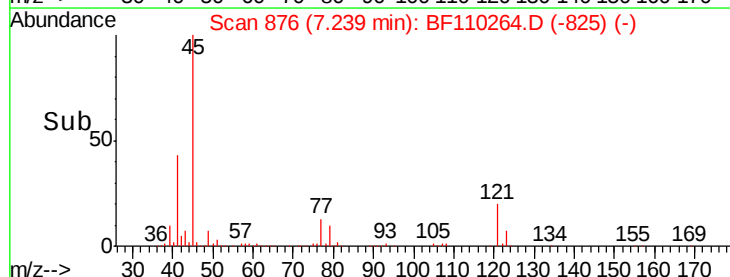
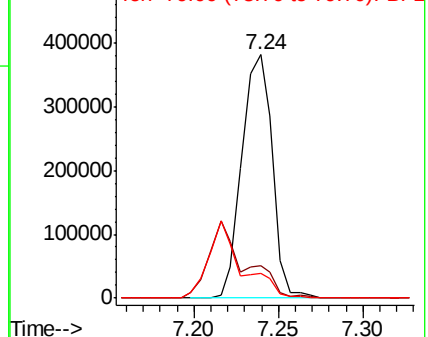
45 100

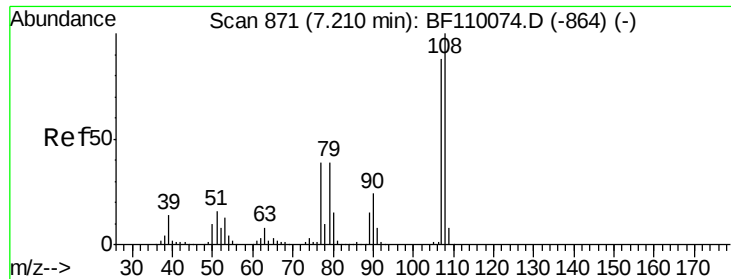
77 13.4 10.0 50.0

79 10.2 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.327 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 265205

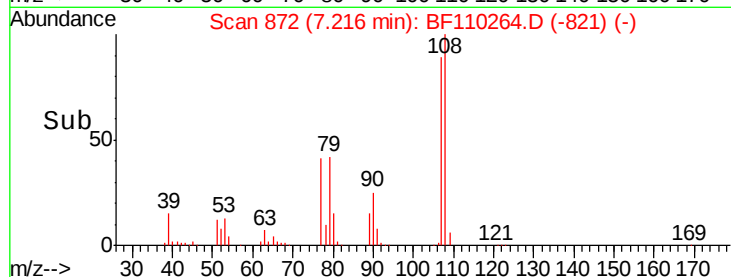
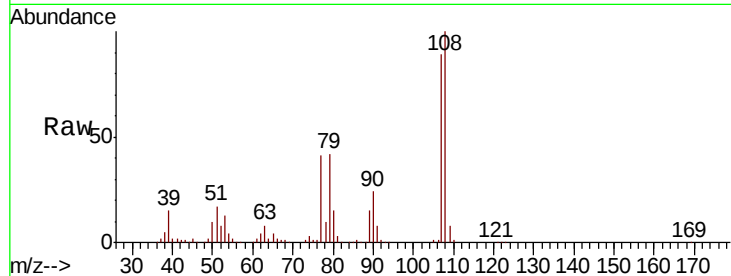
Ion Ratio Lower Upper

107 100

108 112.1 92.6 138.8

77 46.2 59.4 89.2#

79 46.6 54.0 81.0#



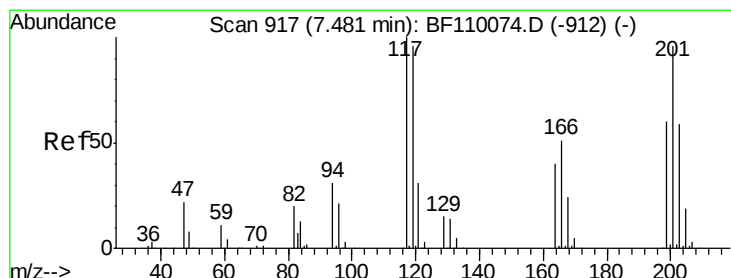
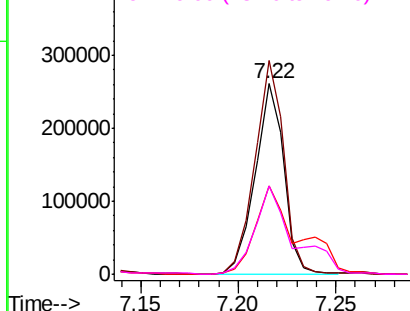
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 35.539 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

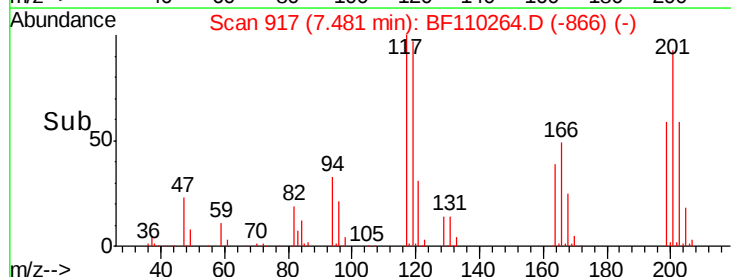
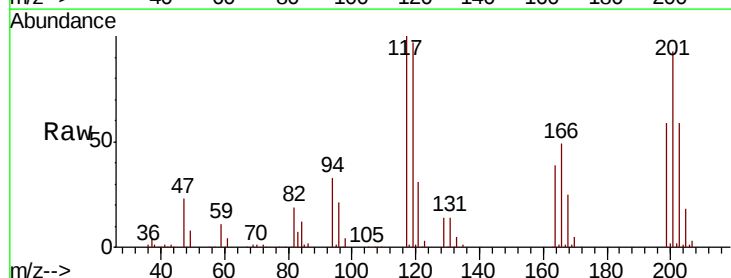
Tgt Ion:117 Resp: 116609

Ion Ratio Lower Upper

117 100

119 96.9 75.0 112.6

201 93.3 79.2 118.8

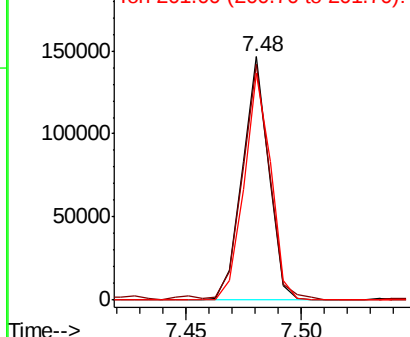


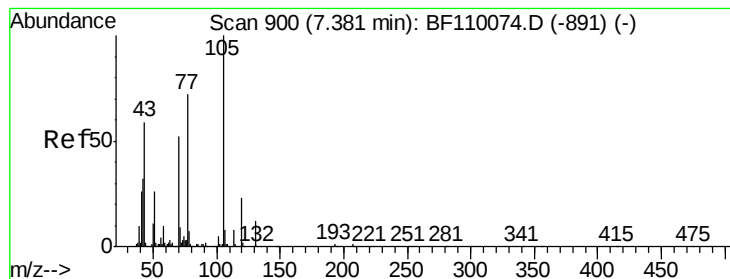
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.898 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 222928

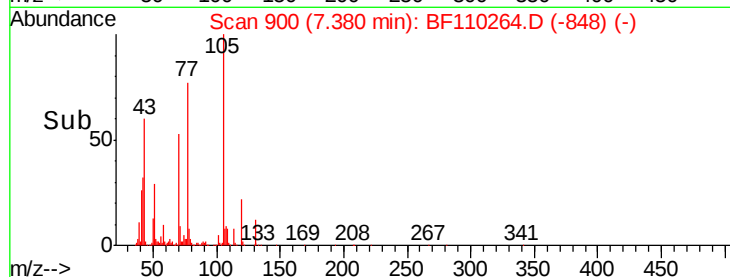
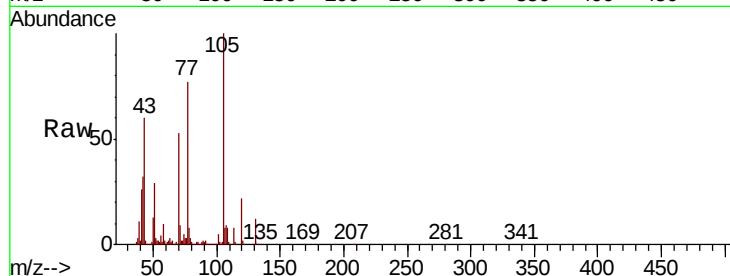
Ion Ratio Lower Upper

70 100

42 60.6 47.4 71.2

101 10.1 7.3 10.9

130 22.0 16.2 24.2

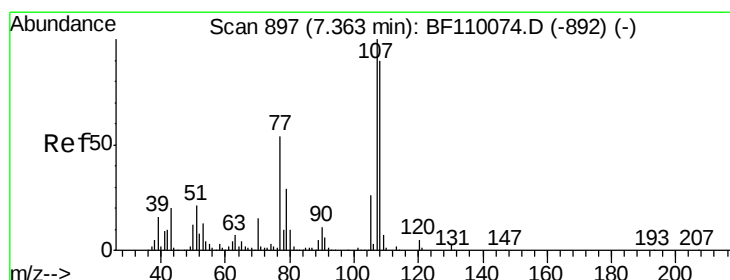
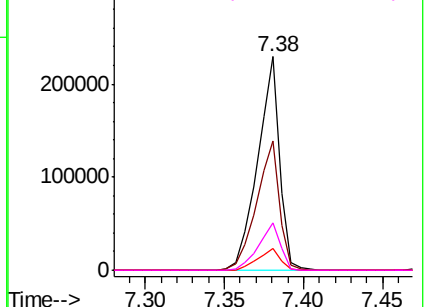


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 40.858 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Tgt Ion: 107 Resp: 338923

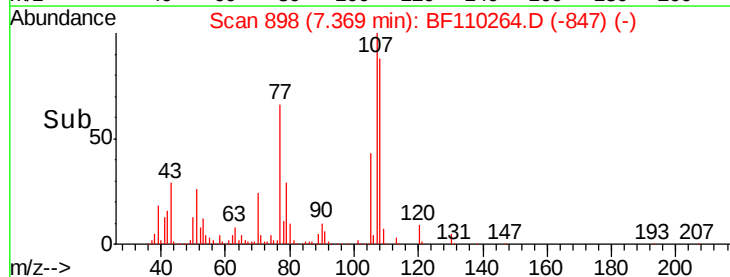
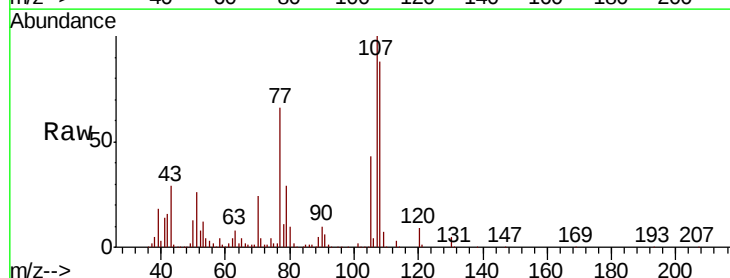
Ion Ratio Lower Upper

107 100

108 88.1 71.4 111.4

77 65.9 47.3 87.3

79 29.2 10.9 50.9

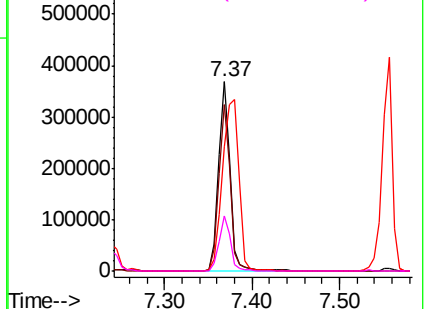


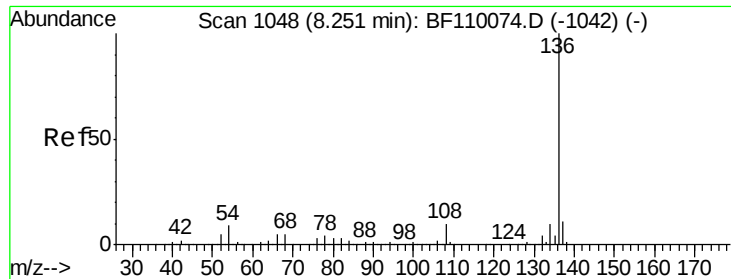
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

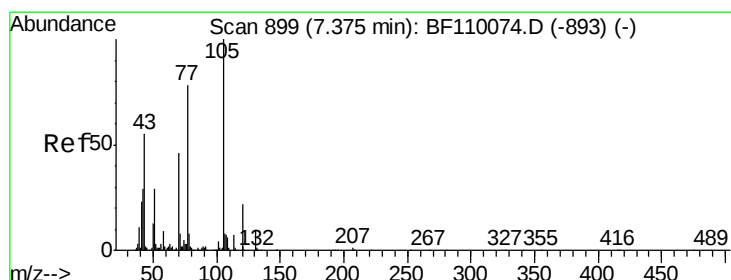
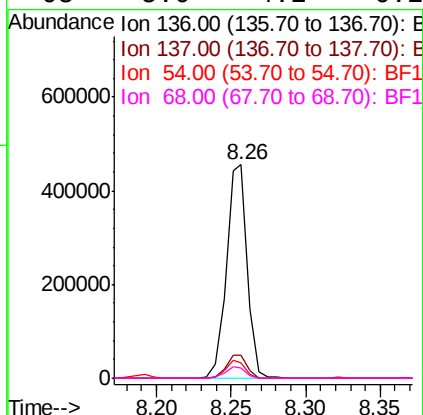
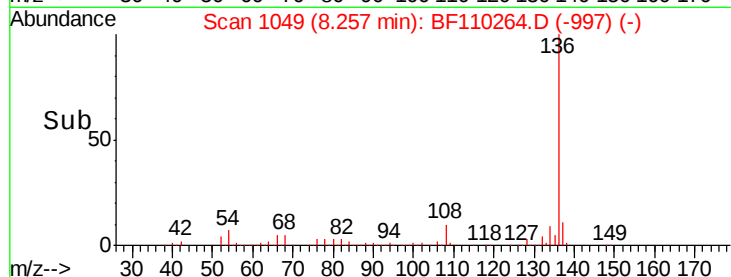
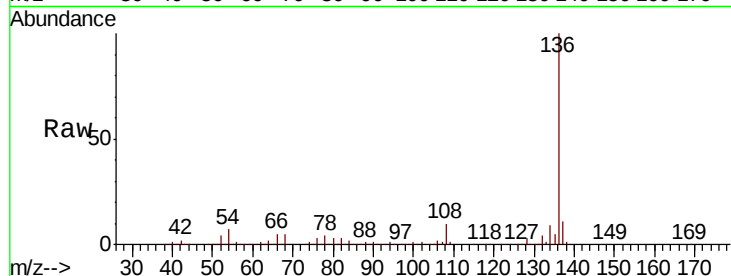




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

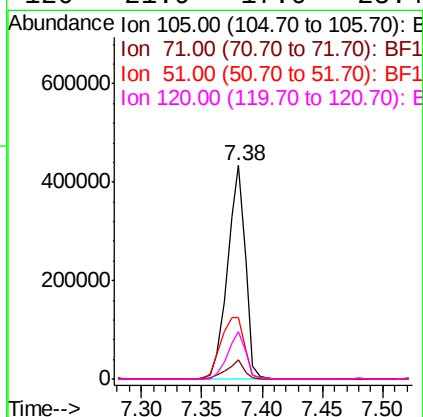
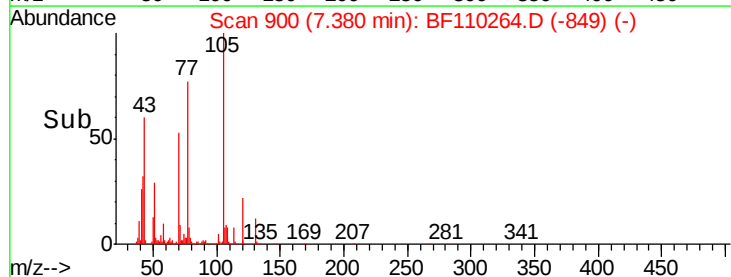
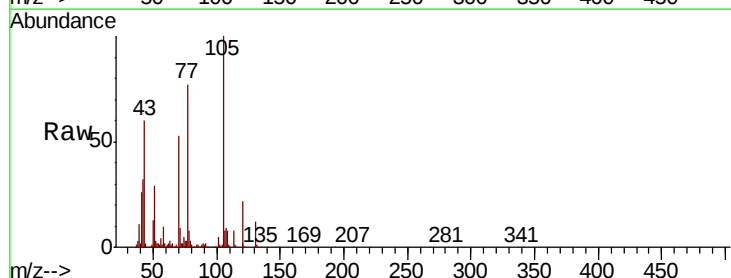
Instrument :
BNA_F
ClientSampleId :

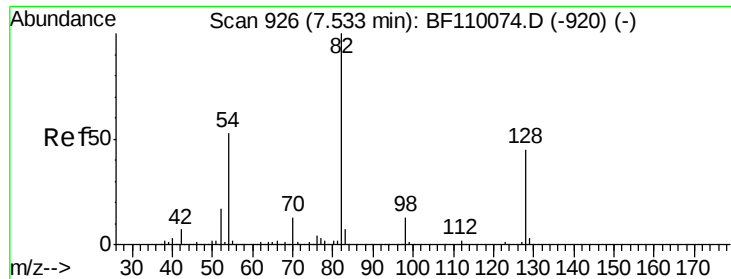
Tot Ion:136	Resp:	449260
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 7.0	5.4	8.2
68 5.0	4.2	6.2



#22
Acetophenone
Concen: 42.971 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt	Ion:105	Resp:	444831
Ion	Ratio	Lower	Upper
105	100		
71	9.0	5.2	7.8#
51	28.8	21.8	32.8
120	21.9	17.0	25.4

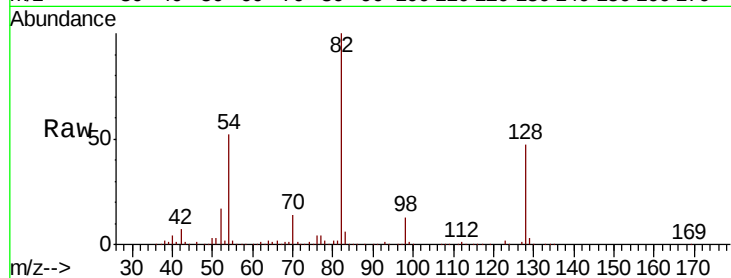




#23
 Nitrobenzene-d5
 Concen: 88.000 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	666542
Ion Ratio	100	Lower	Upper
128	46.6	34.2	51.2
54	51.7	38.6	58.0

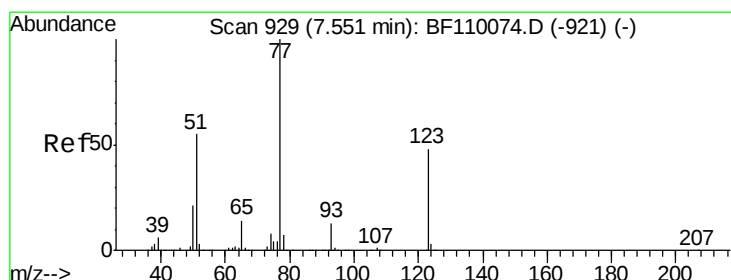
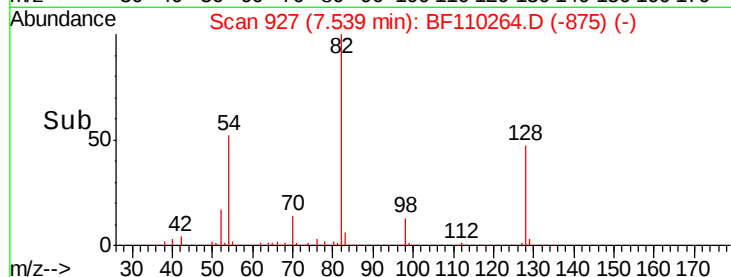
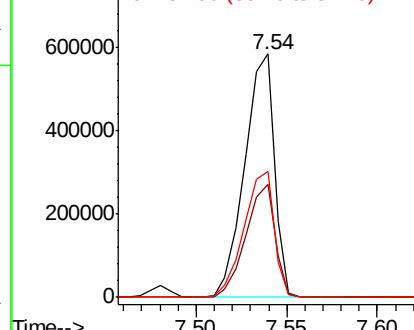


Abundance

Ion 82.00 (81.70 to 82.70): BF1

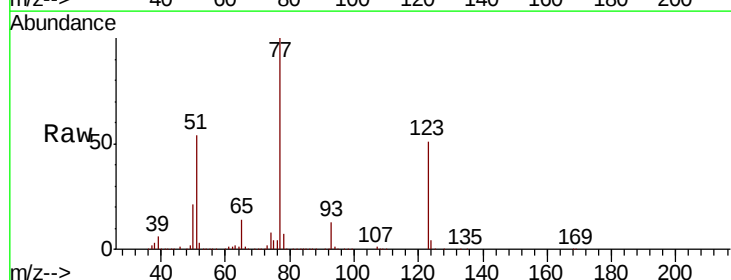
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 42.191 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion	77	Resp	329936
Ion Ratio	100	Lower	Upper
123	51.0	35.7	53.5
65	14.0	10.7	16.1

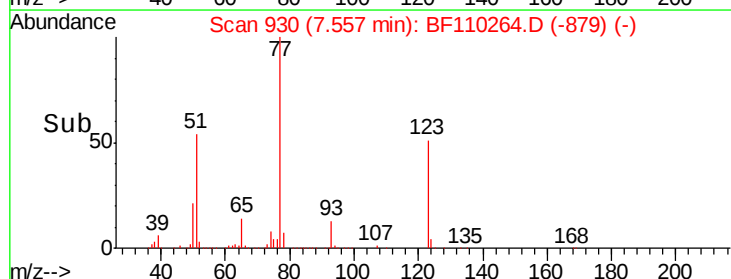
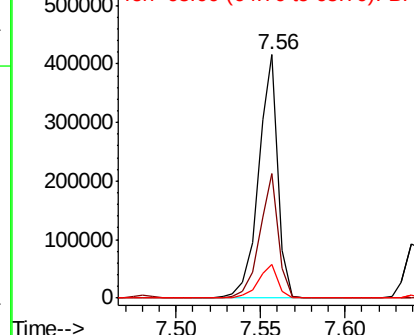


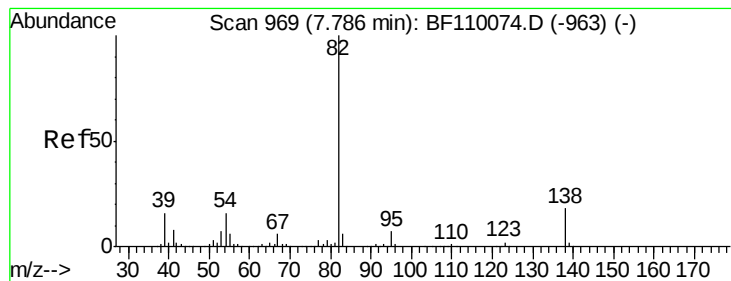
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.885 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

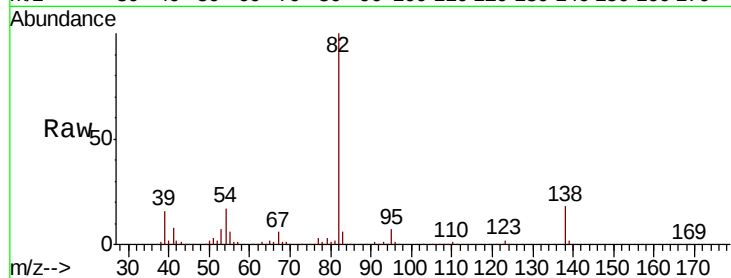
Tot Ion: 82 Resp: 605346

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

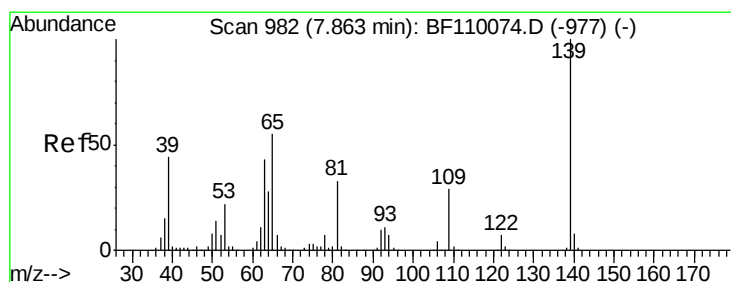
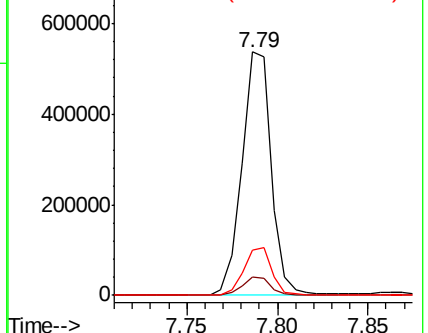
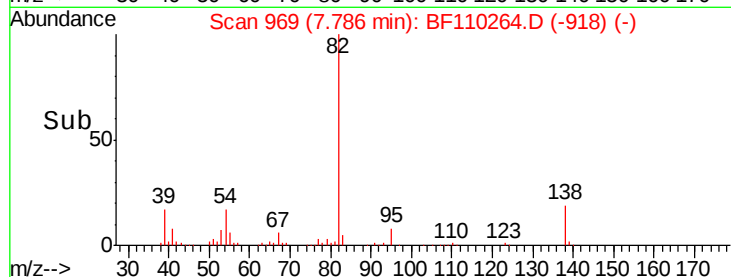
138 18.3 13.2 19.8



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: 45.278 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

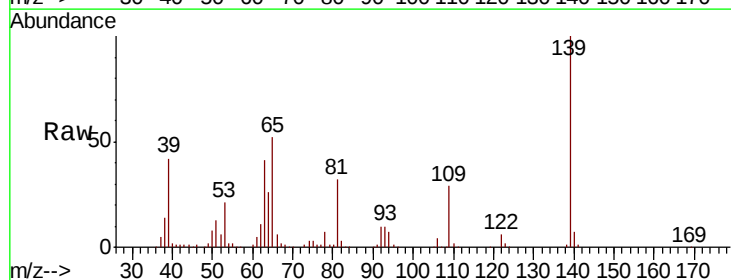
Tgt Ion: 139 Resp: 168493

Ion Ratio Lower Upper

139 100

109 29.3 25.0 37.6

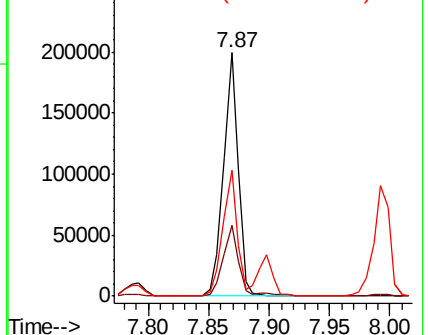
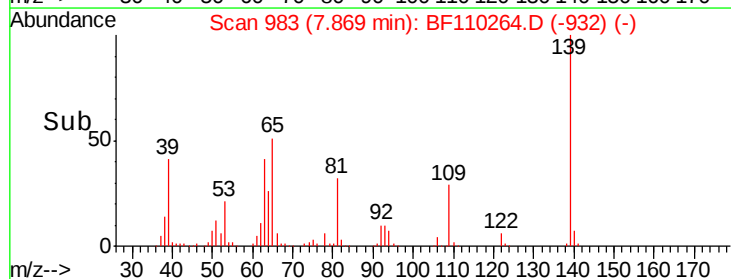
65 51.6 44.0 66.0

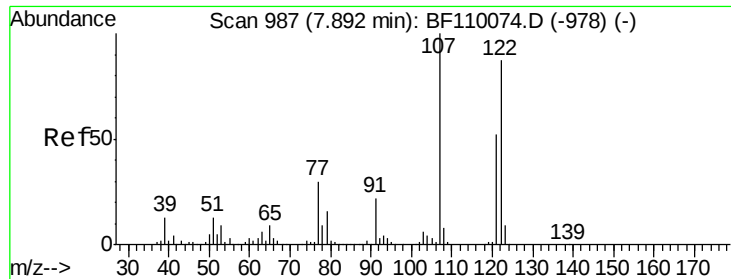


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.368 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

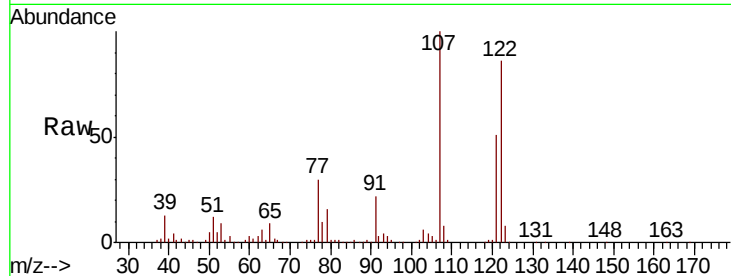
Tot Ion:122 Resp: 298415

Ion Ratio Lower Upper

122 100

107 115.7 92.5 138.7

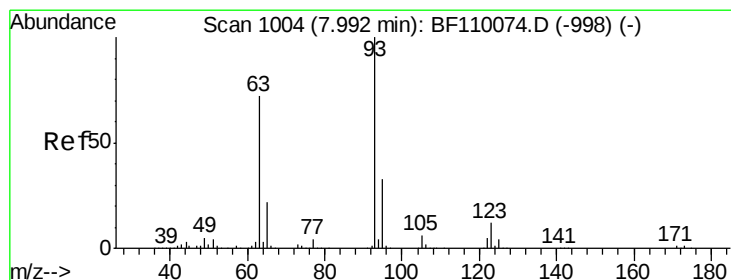
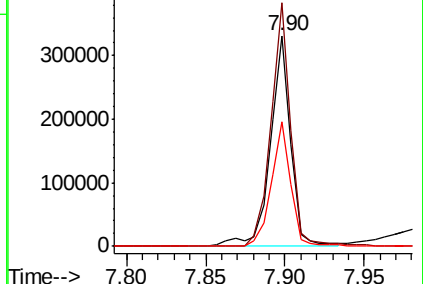
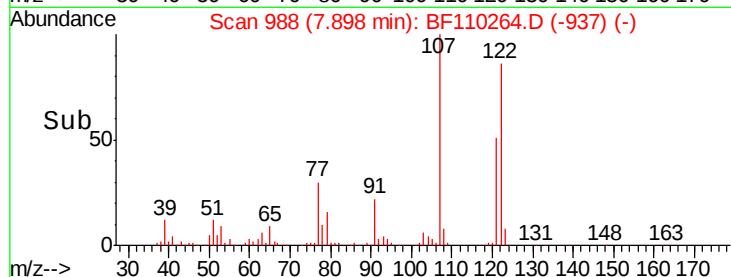
121 59.5 45.8 68.8



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: 44.286 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

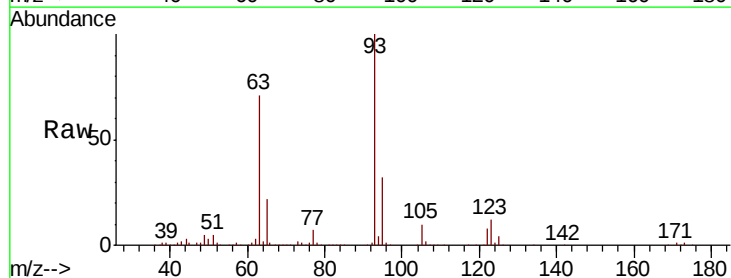
Tgt Ion: 93 Resp: 388434

Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

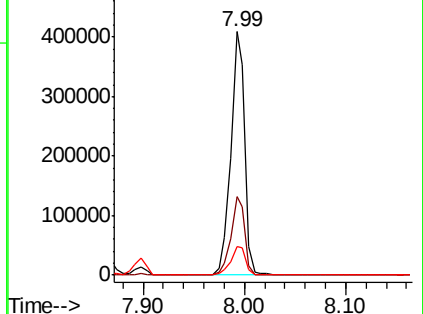
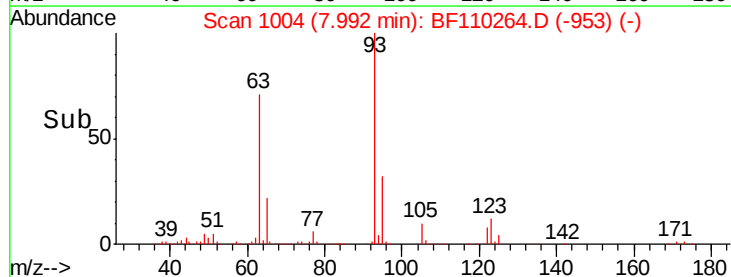
123 11.8 9.0 13.6

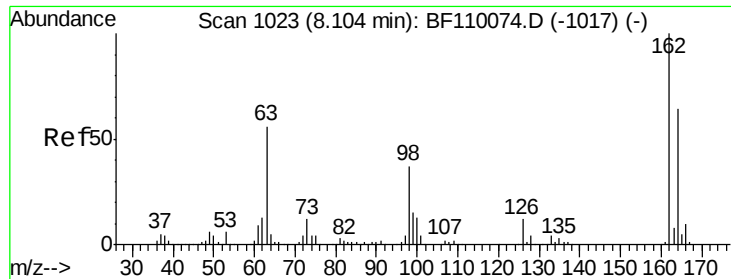


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

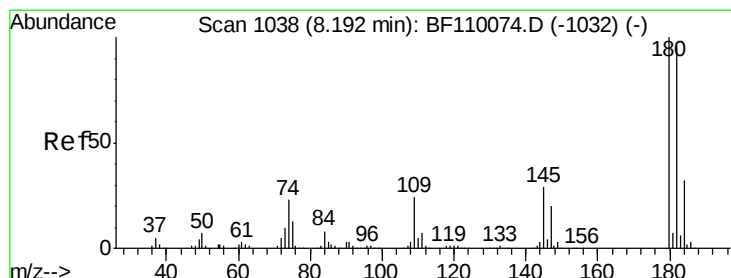
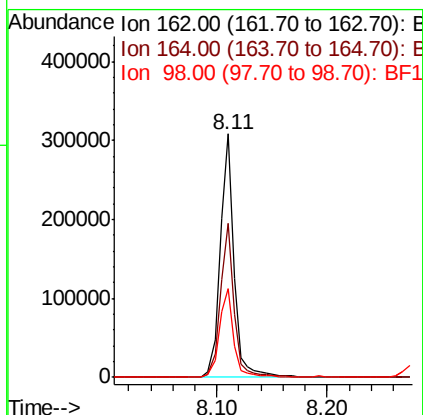
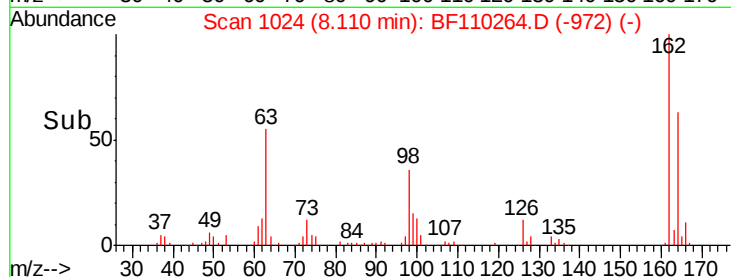
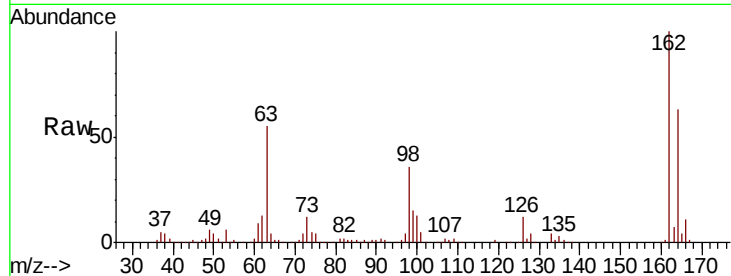




#29
 2,4-Dichlorophenol
 Concen: 43.288 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

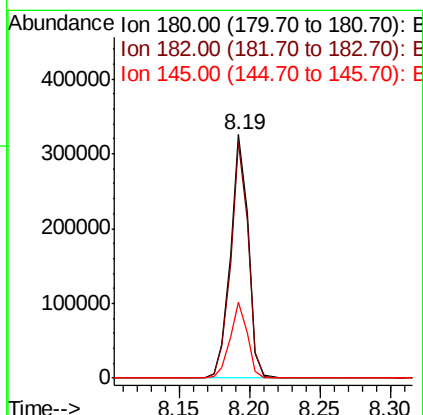
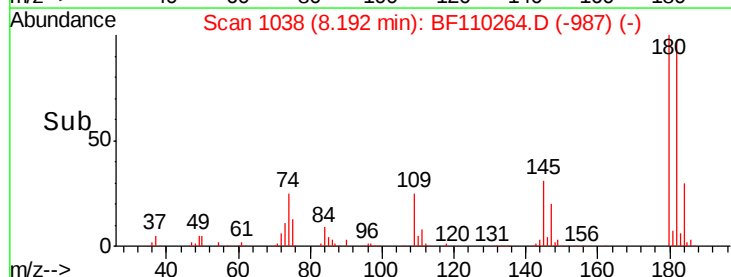
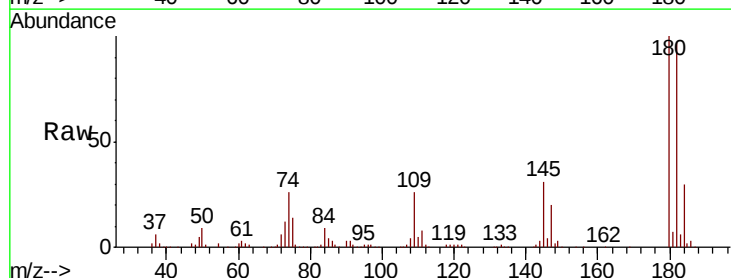
Instrument :
 BNA_F
 ClientSampleId :

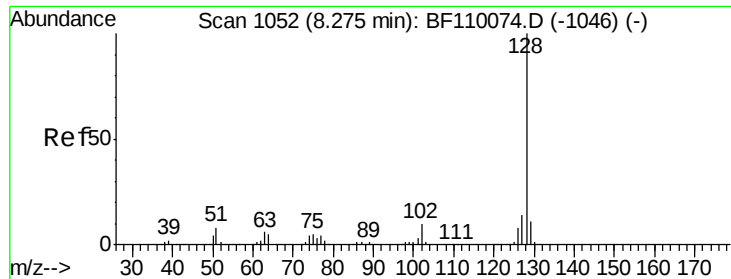
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.6	84.6
98	36.2	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 40.769 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	80.3	120.5
145	31.2	25.4	38.0

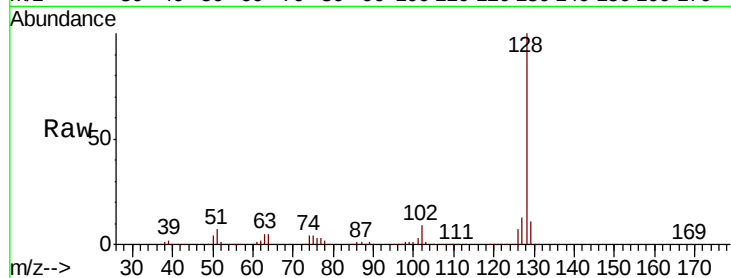




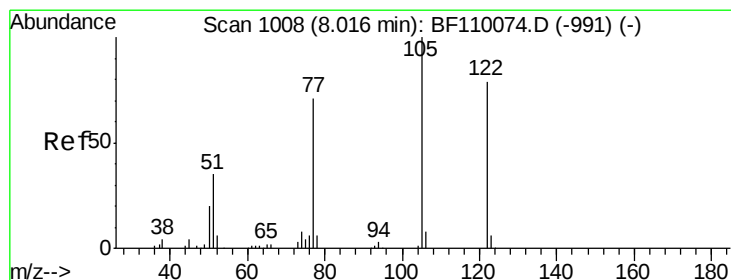
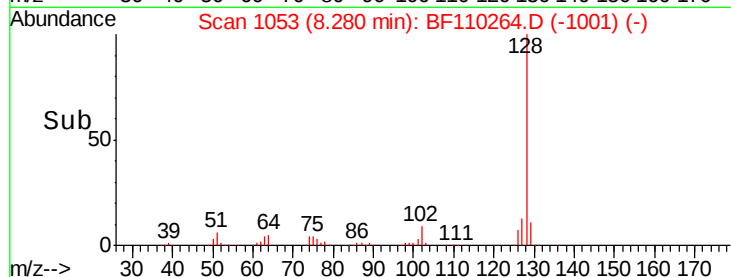
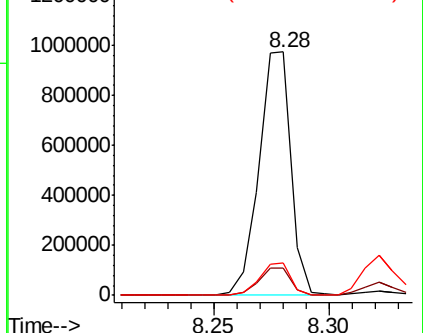
#31
Naphthalene
Concen: 45.554 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 943230
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.8 16.2

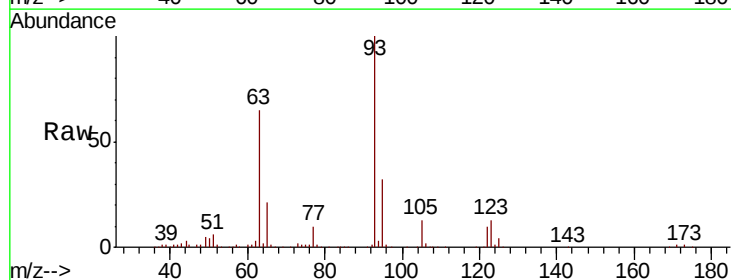


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

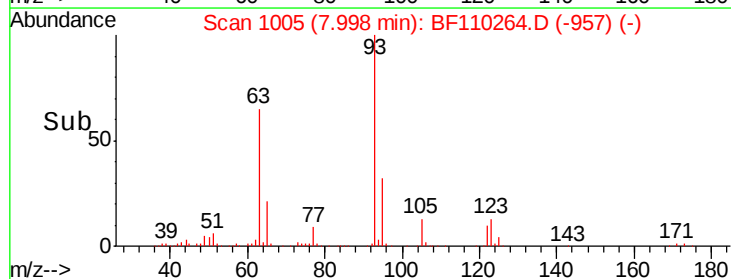
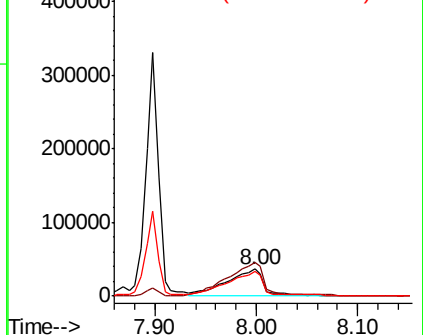


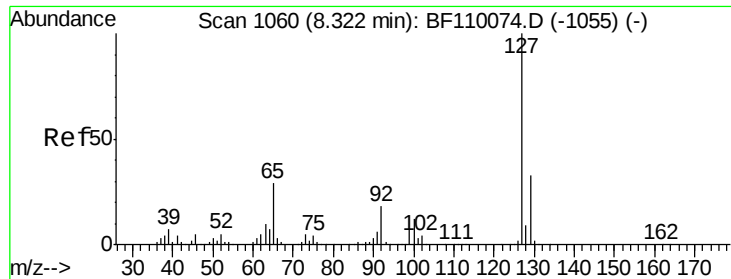
#32
Benzoic acid
Concen: 19.087 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion:122 Resp: 91015
Ion Ratio Lower Upper
122 100
105 125.9 109.0 149.0
77 92.6 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

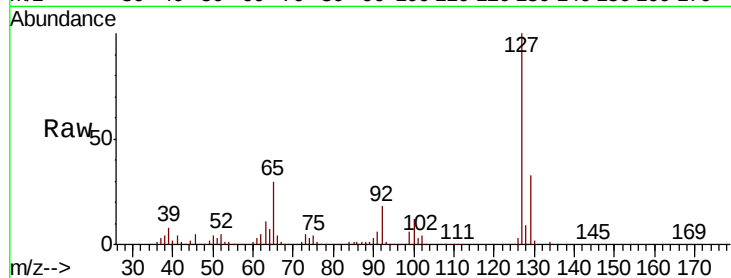




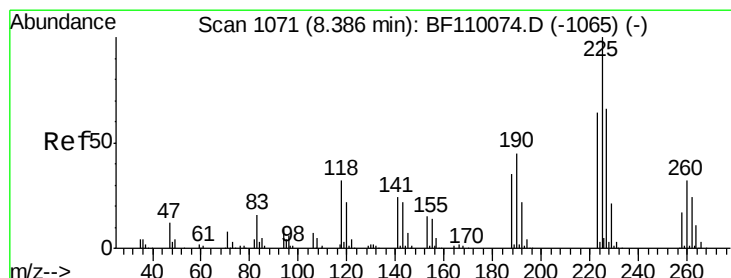
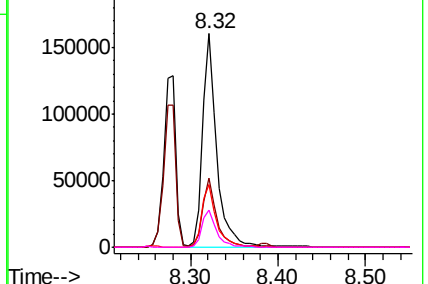
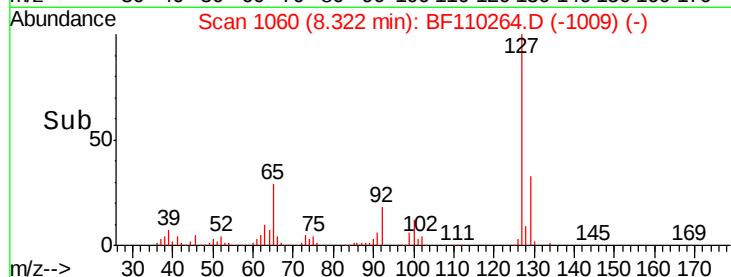
#33
4-Chloroaniline
Concen: 19.541 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	182098
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	29.6	25.1	37.7
92	17.7	15.0	22.6

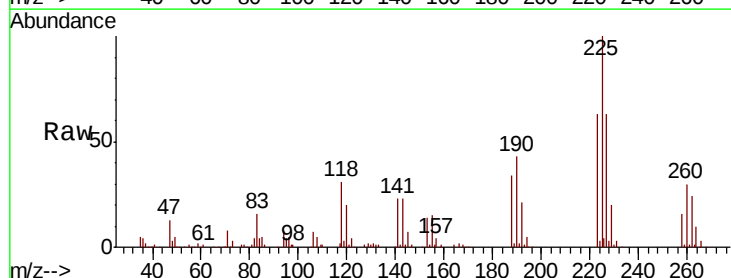


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

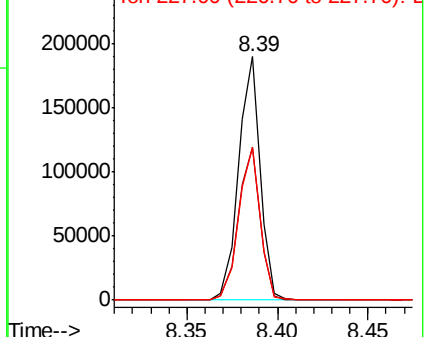
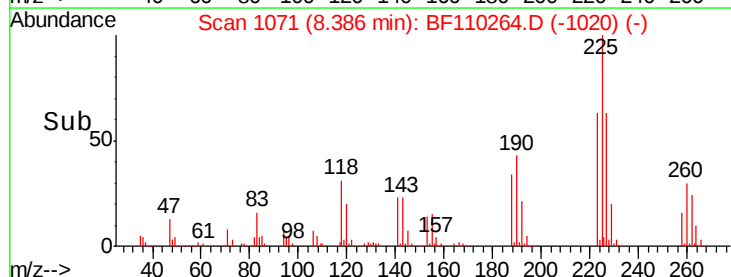


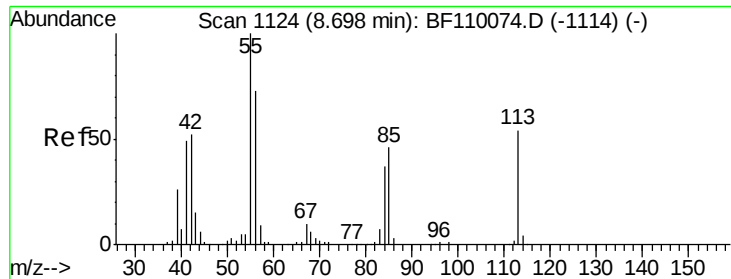
#34
Hexachlorobutadiene
Concen: 40.652 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion:	225	Resp:	157592
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	62.9	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.790 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

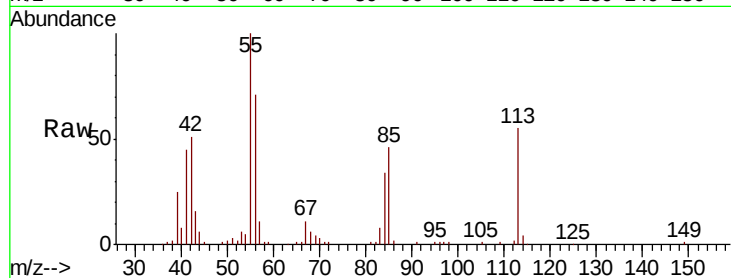
Tot Ion:113 Resp: 51685

Ion Ratio Lower Upper

113 100

55 183.2 142.8 182.8#

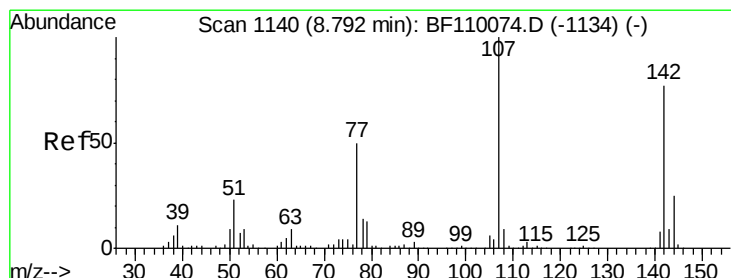
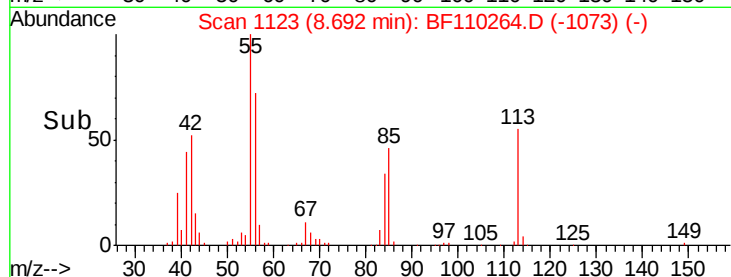
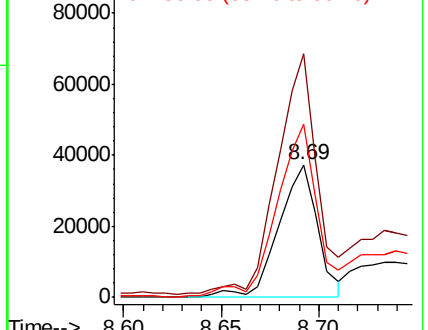
56 130.3 105.0 145.0



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: 41.964 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

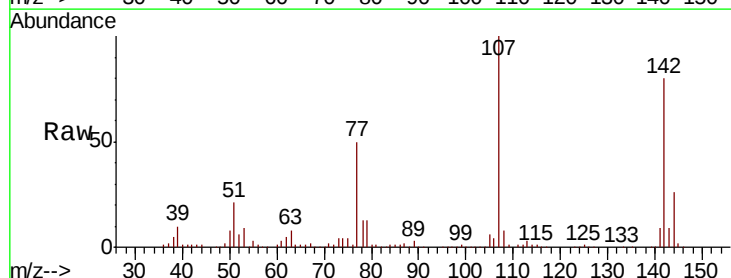
Tgt Ion:107 Resp: 282851

Ion Ratio Lower Upper

107 100

144 26.2 20.0 30.0

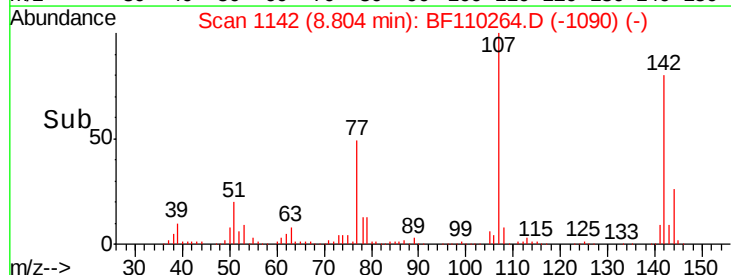
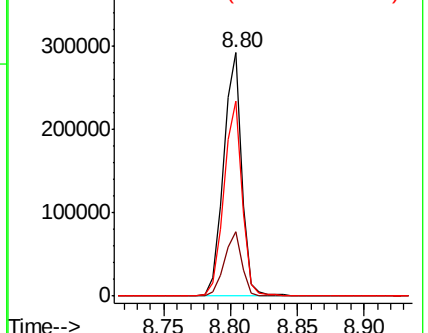
142 80.1 59.7 89.5

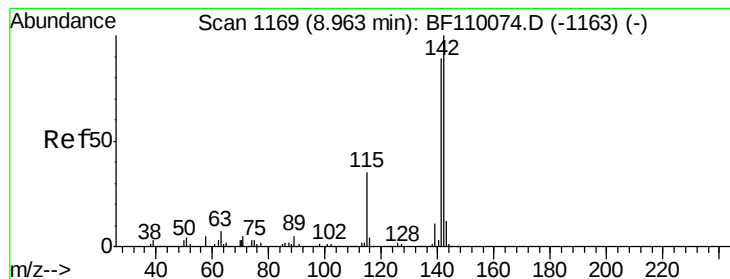


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.785 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

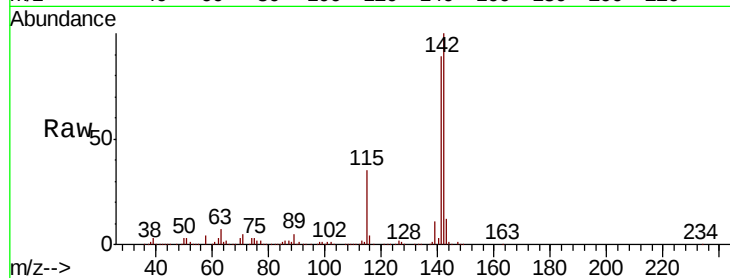
Tot Ion:142 Resp: 640935

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.2

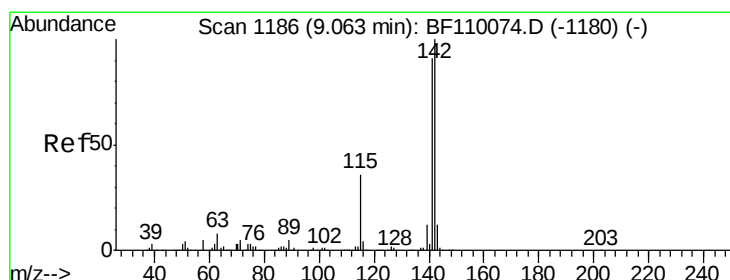
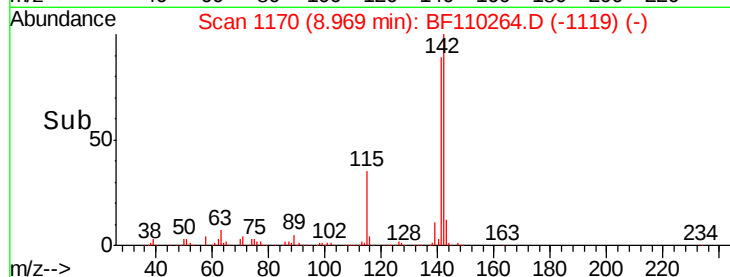
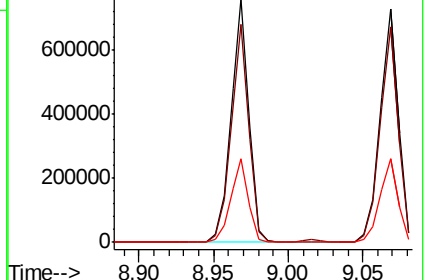
115 34.5 28.7 43.1



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: 45.694 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

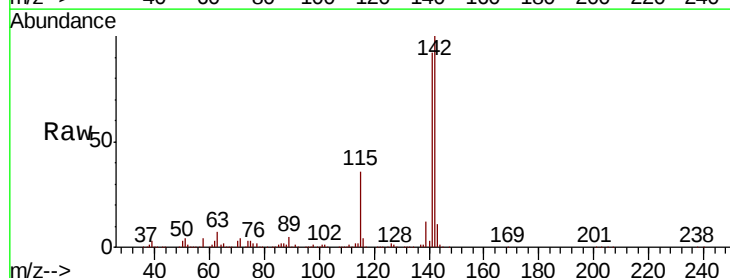
Tgt Ion:142 Resp: 604937

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4

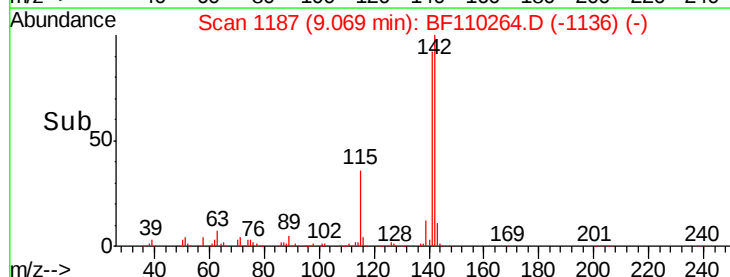
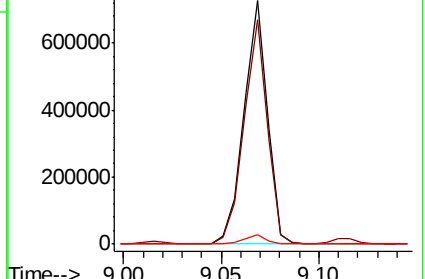
116 3.8 2.6 4.0



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. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

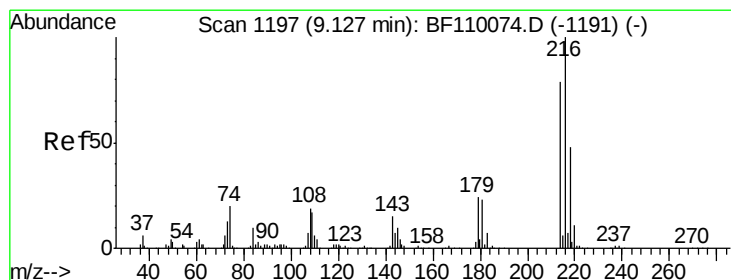
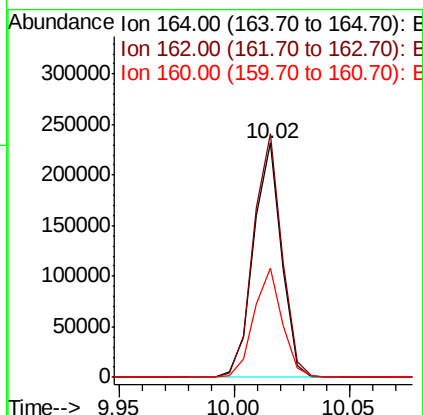
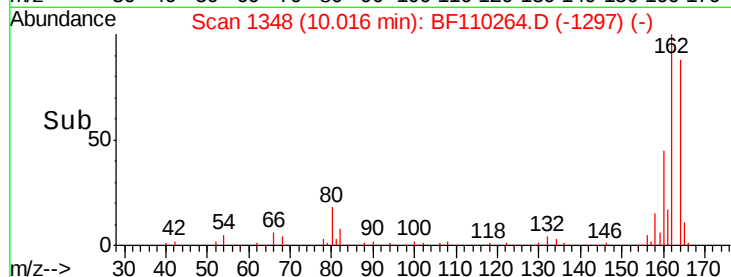
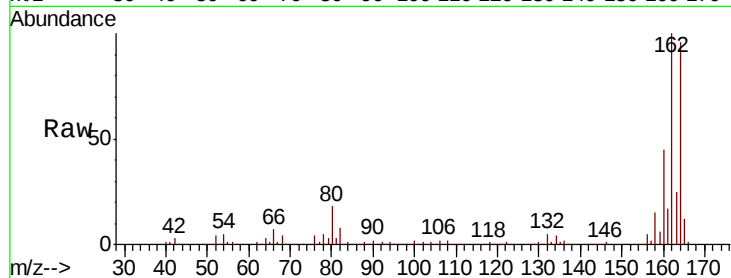
Tot Ion:164 Resp: 196114

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

160 46.5 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.381 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Tgt Ion:216 Resp: 265082

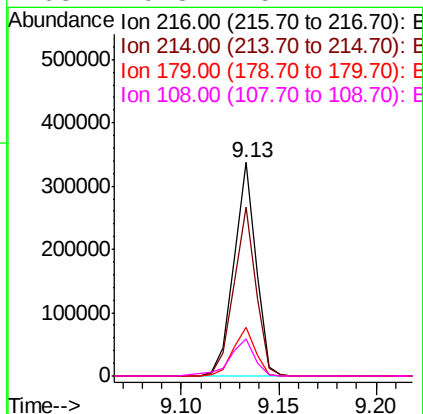
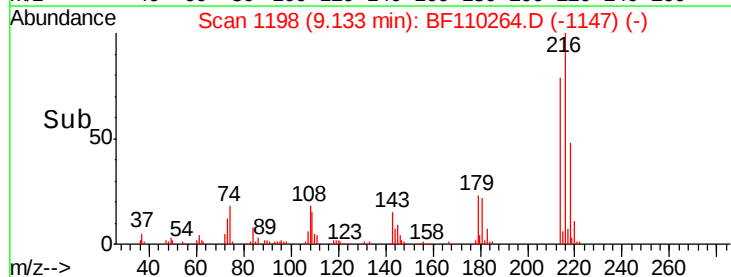
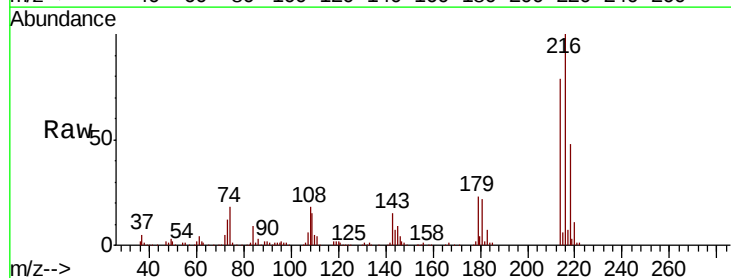
Ion Ratio Lower Upper

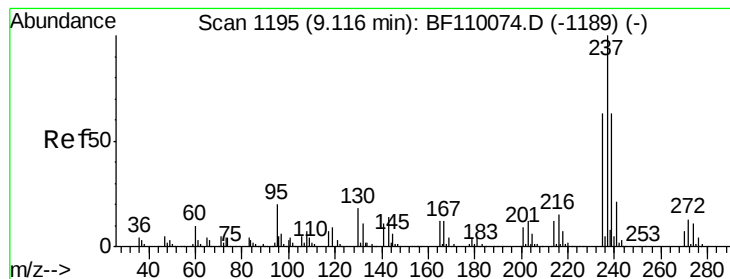
216 100

214 79.1 63.8 95.6

179 23.0 16.6 25.0

108 19.3 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 33.086 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

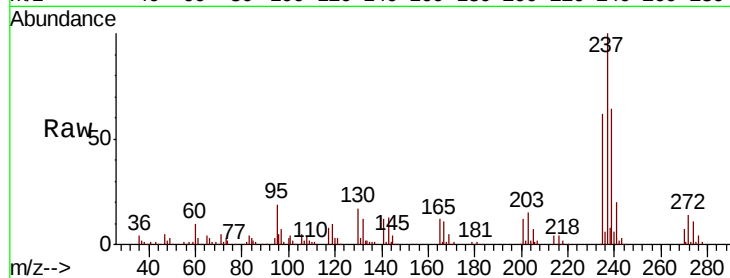
Tot Ion:237 Resp: 103377

Ion Ratio Lower Upper

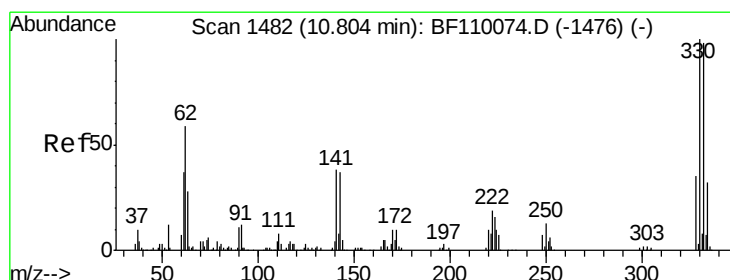
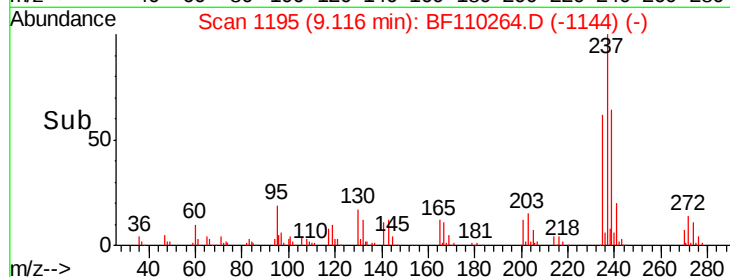
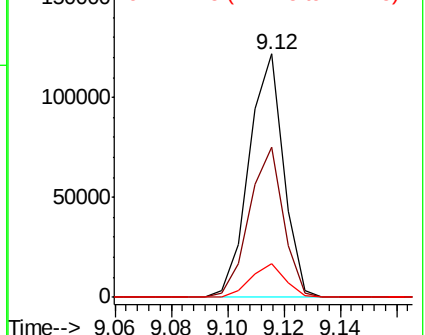
237 100

235 61.7 43.1 83.1

272 13.6 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 110.953 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

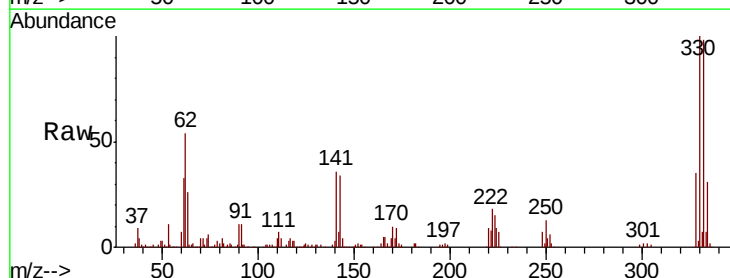
Tgt Ion:330 Resp: 215541

Ion Ratio Lower Upper

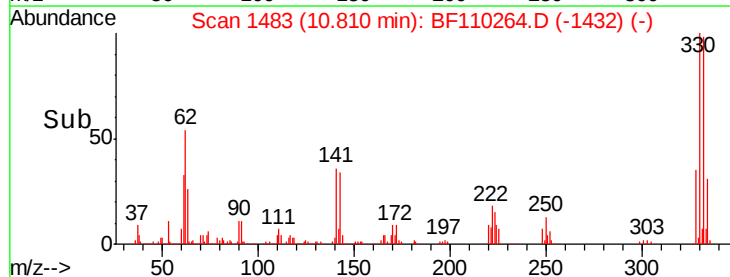
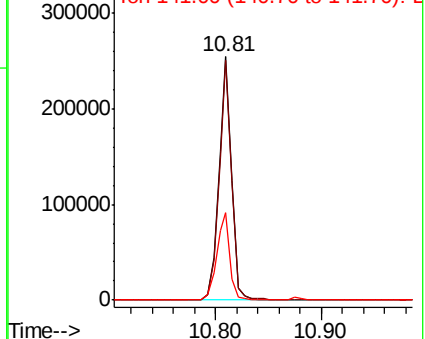
330 100

332 98.0 77.1 115.7

141 37.7 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

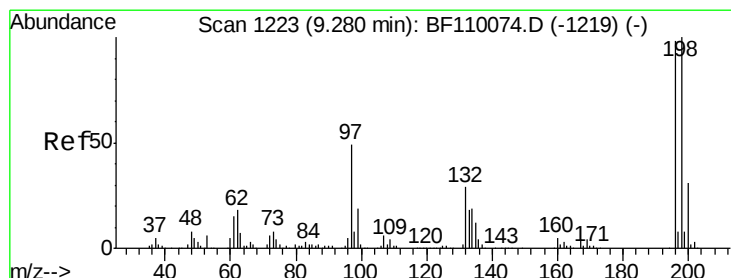
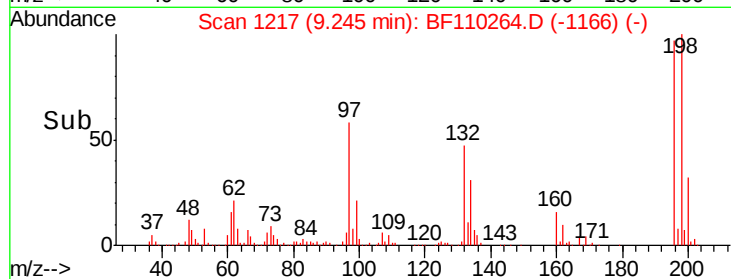
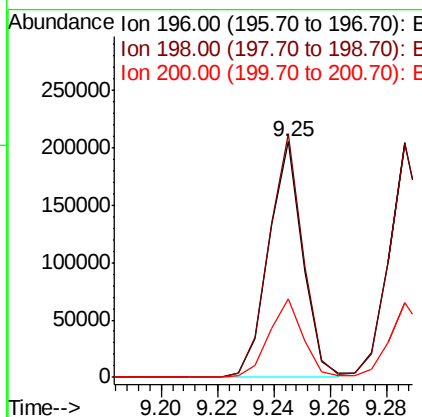
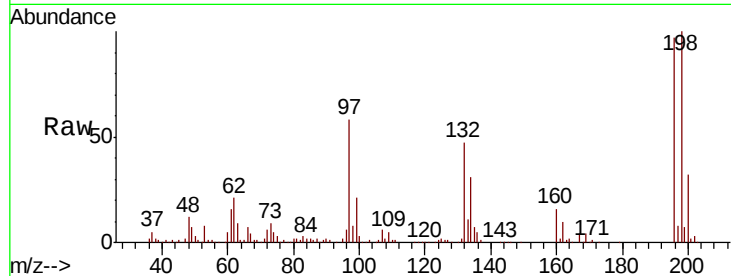




#43
 2,4,6-Trichlorophenol
 Concen: 43.489 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

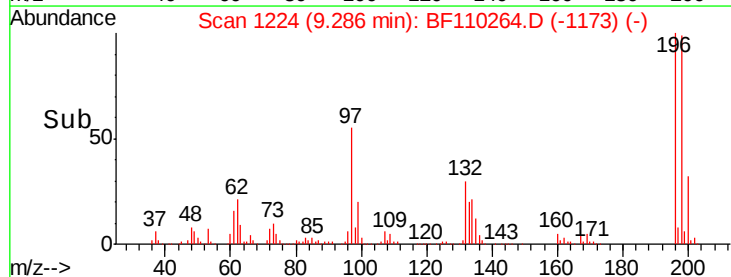
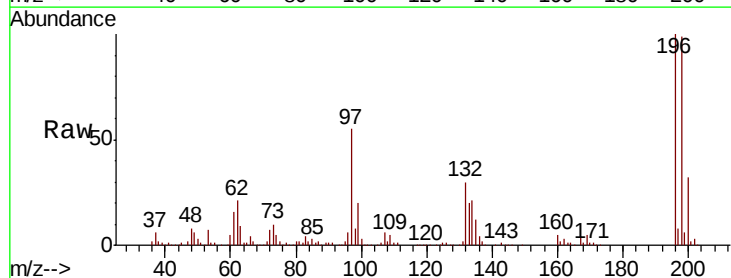
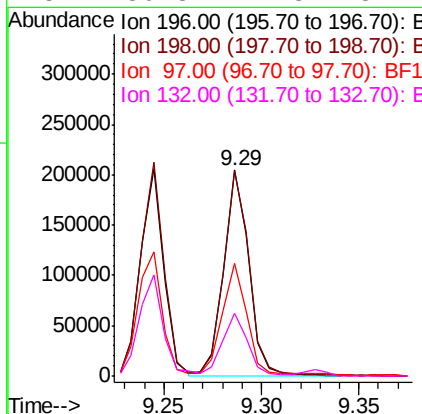
Instrument :
 BNA_F
 ClientSampled :

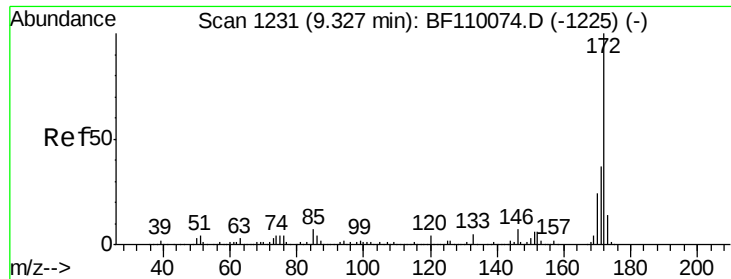
Tot Ion:196 Resp: 171401
 Ion Ratio Lower Upper
 196 100
 198 103.3 76.2 114.4
 200 33.3 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.866 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion:196 Resp: 182746
 Ion Ratio Lower Upper
 196 100
 198 99.4 75.8 113.6
 97 54.8 42.4 63.6
 132 30.3 22.8 34.2



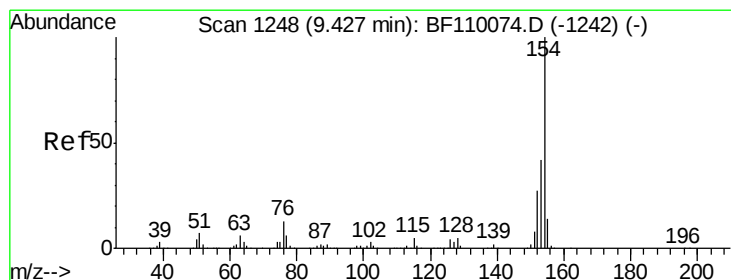
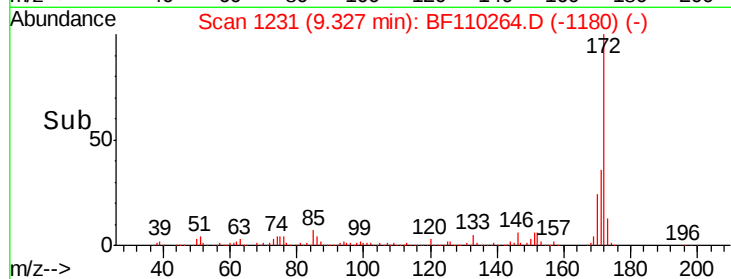
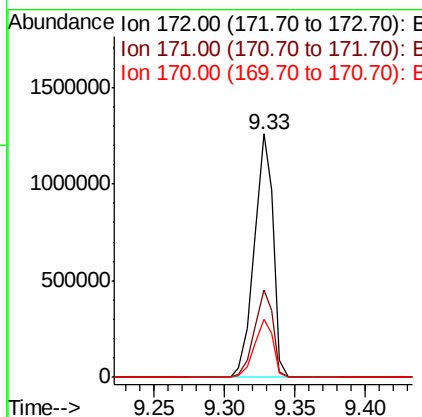
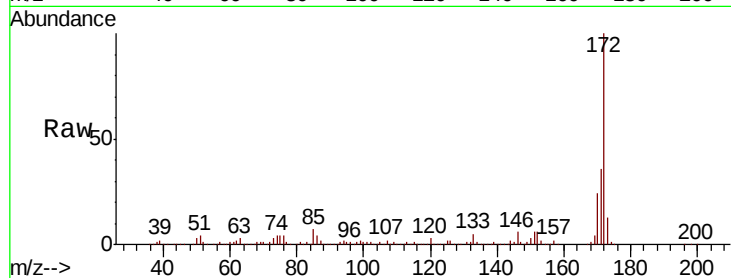


#45
 2-Fluorobiphenyl
 Concen: 95.049 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1187098

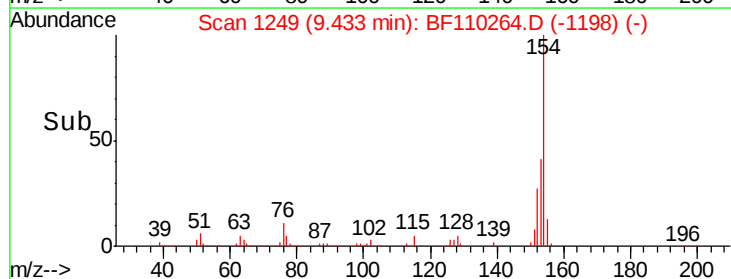
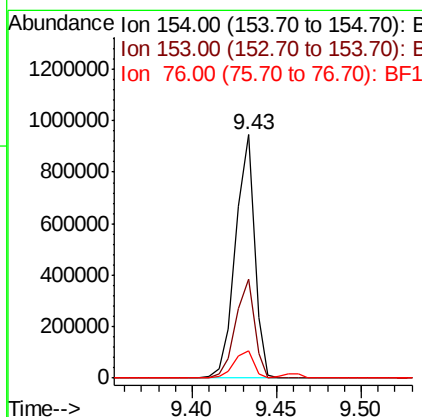
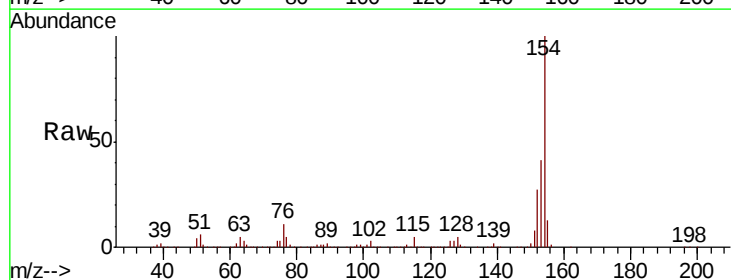
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.9	19.7	29.5

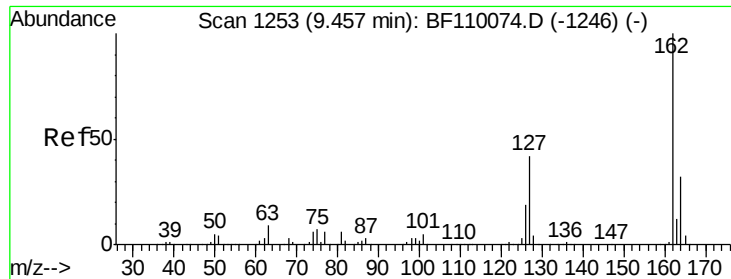


#46
 1,1'-Biphenyl
 Concen: 41.695 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion:154 Resp: 739441

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	11.2	0.0	31.9

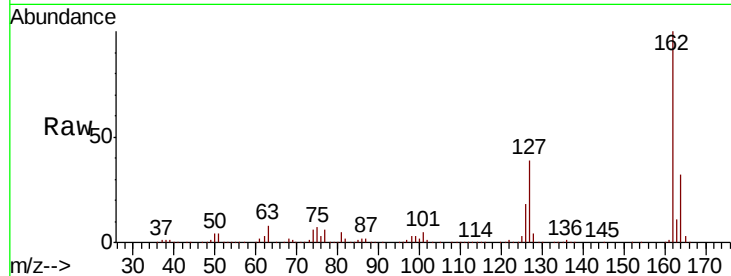




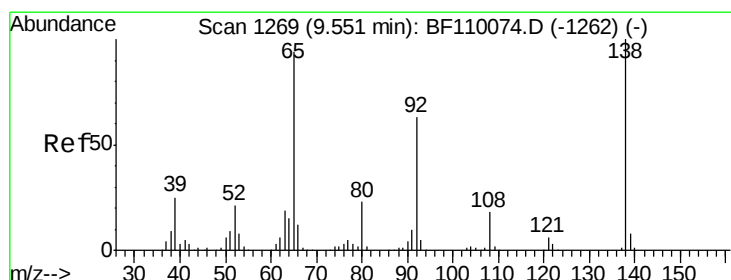
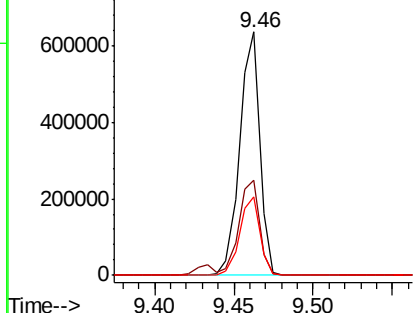
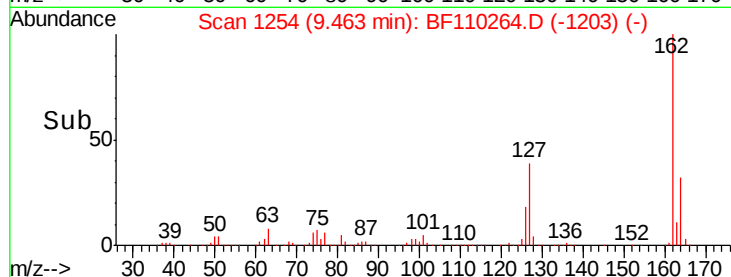
#47
 2-Chloronaphthalene
 Concen: 42.823 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 557071
 Ion Ratio Lower Upper
 162 100
 127 38.9 32.6 48.8
 164 32.4 25.9 38.9

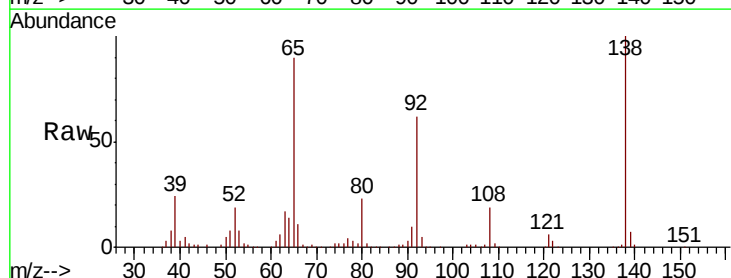


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

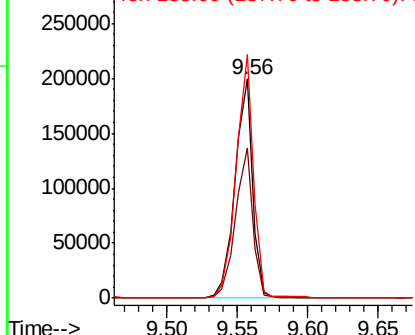
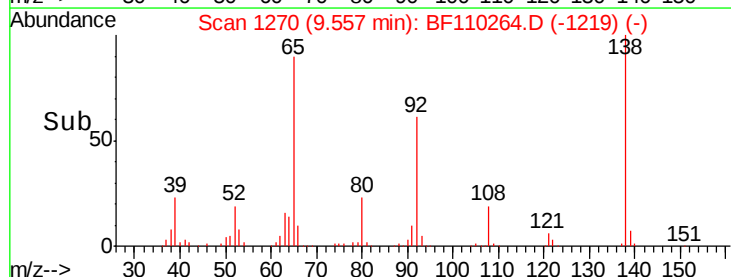


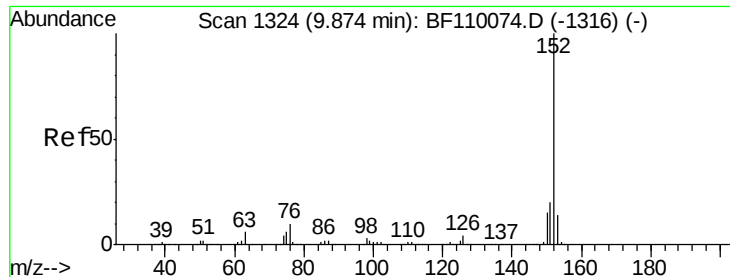
#48
 2-Nitroaniline
 Concen: 44.067 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion: 65 Resp: 173717
 Ion Ratio Lower Upper
 65 100
 92 68.4 54.6 81.8
 138 111.2 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.611 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

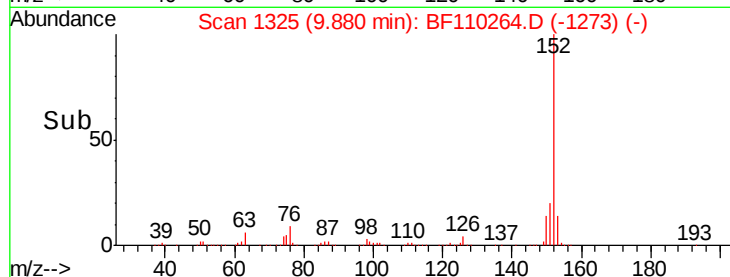
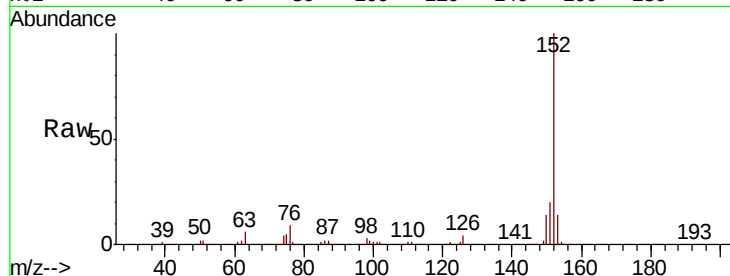
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 838209

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.6	10.4	15.6

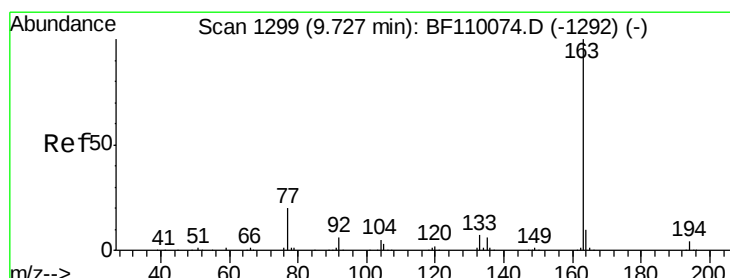
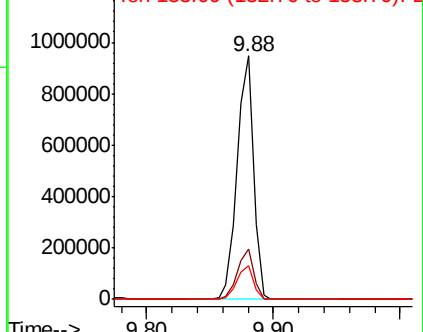


Abundance

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: 59.027 ng

RT: 9.73 min Scan# 1299

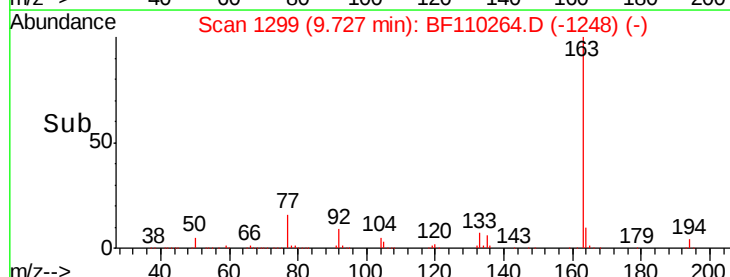
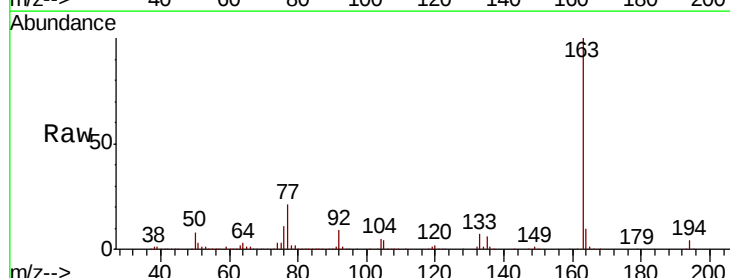
Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Tgt Ion:163 Resp: 854510

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.1	8.1	12.1

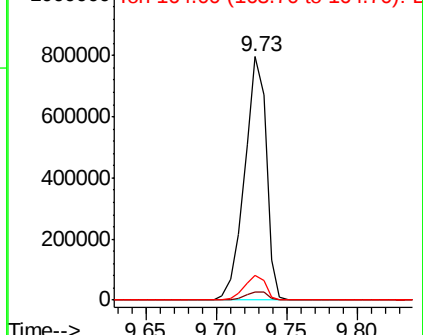


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.792 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

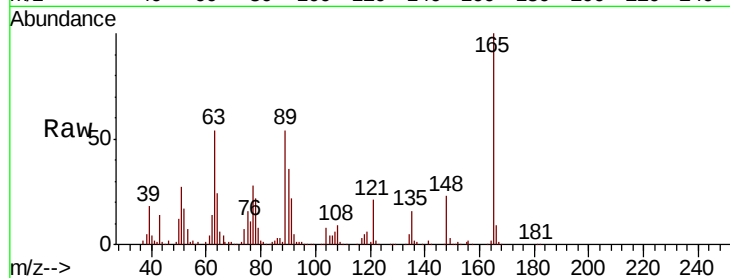
Tot Ion:165 Resp: 136558

Ion Ratio Lower Upper

165 100

63 54.2 48.9 73.3

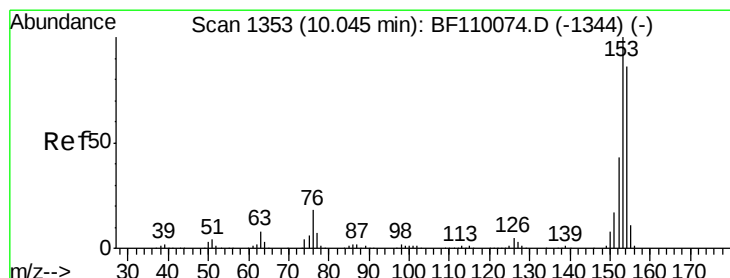
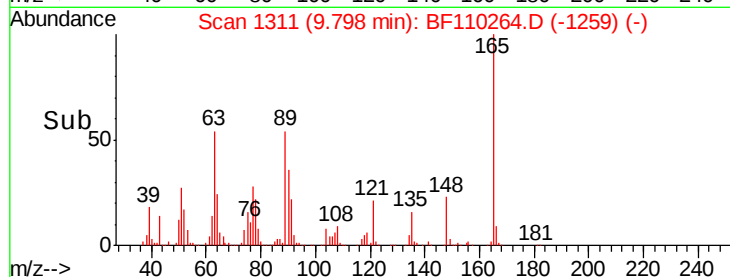
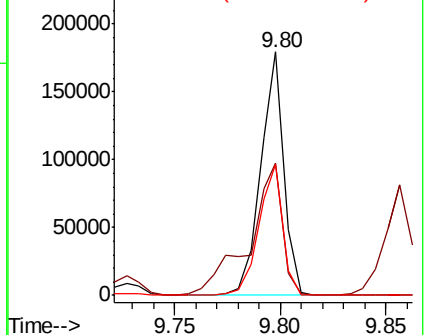
89 53.7 46.6 69.8



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: 41.198 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

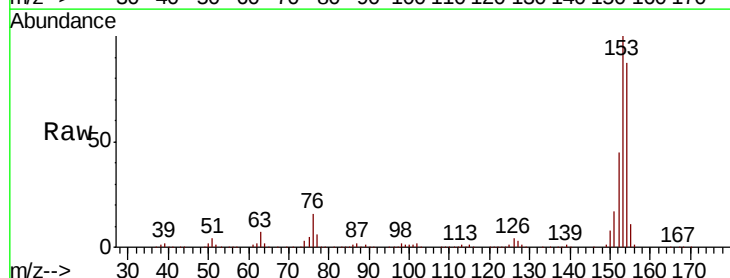
Tgt Ion:154 Resp: 512088

Ion Ratio Lower Upper

154 100

153 114.3 90.1 135.1

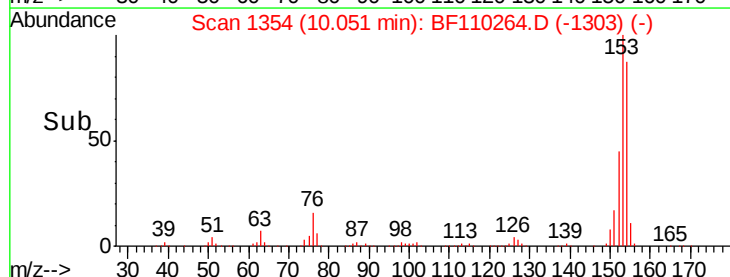
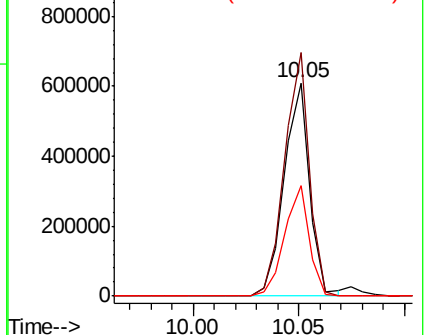
152 51.9 43.4 65.2

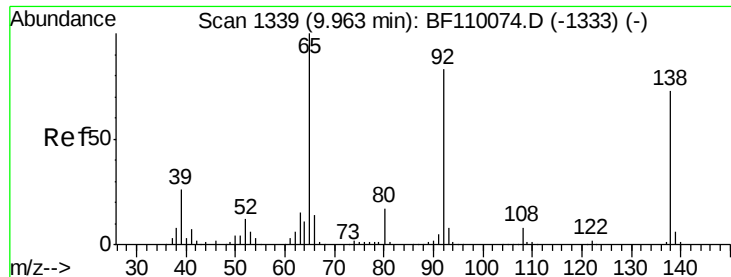


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

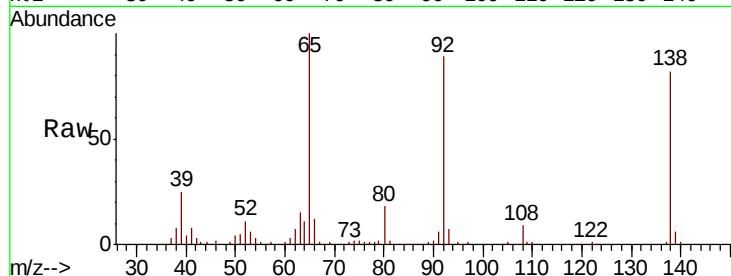




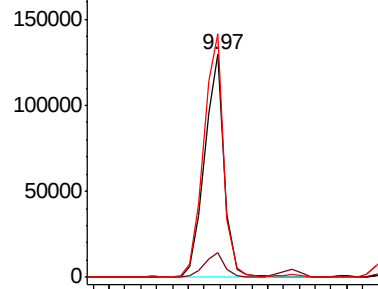
#53
3-Nitroaniline
Concen: 29.910 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Instrument :
BNA_F
ClientSampleId :

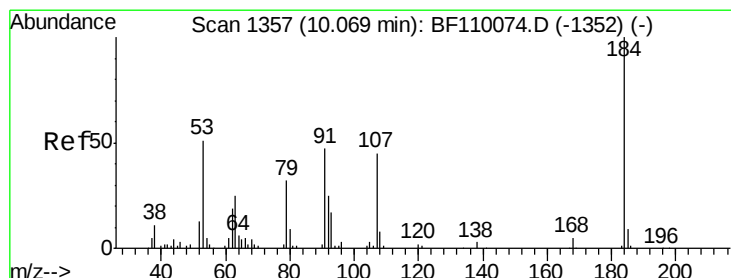
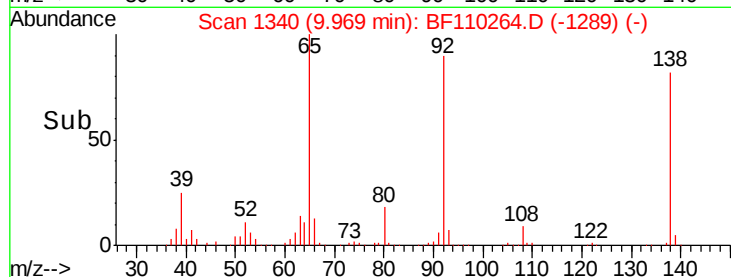
Tot Ion:138 Resp: 110913
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 109.2 97.0 145.4



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

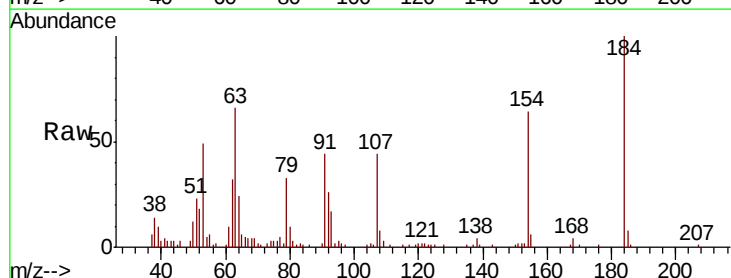


Time-->

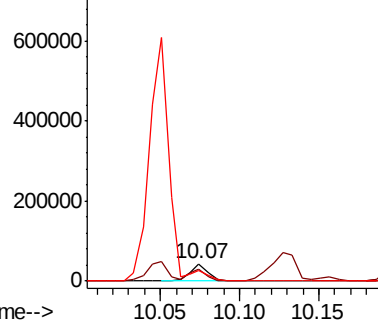


#54
2,4-Dinitrophenol
Concen: 32.325 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

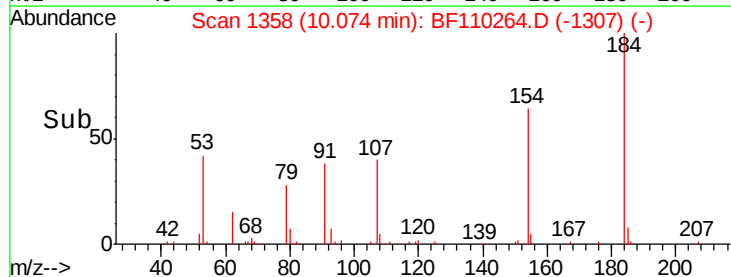
Tgt Ion:184 Resp: 35925
Ion Ratio Lower Upper
184 100
63 65.7 55.8 83.6
154 64.4 63.2 94.8



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



Time-->





#55

Dibenzofuran

Concen: 42.492 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

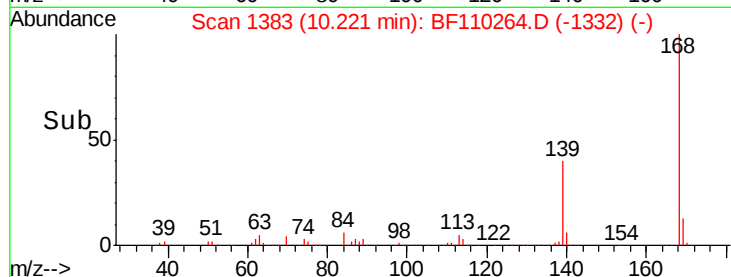
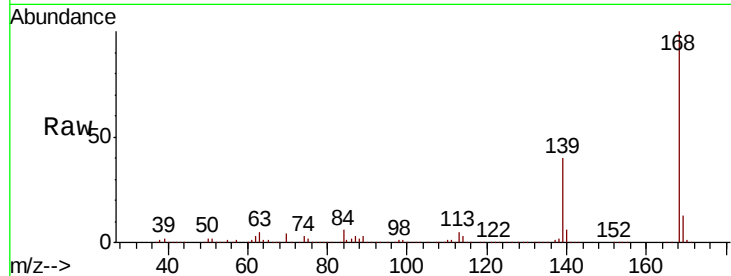
Tot Ion:168 Resp: 739494

Ion Ratio Lower Upper

168 100

139 39.8 33.0 49.6

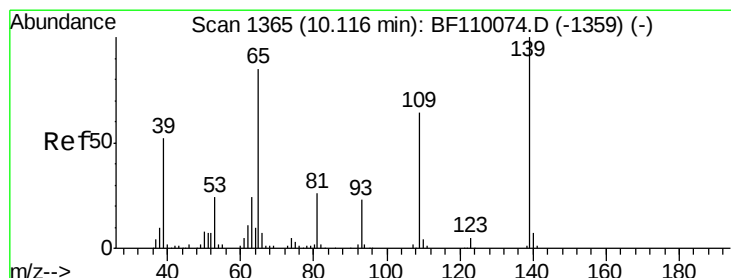
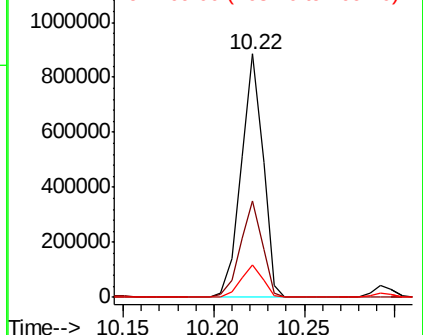
169 13.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 102.511 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

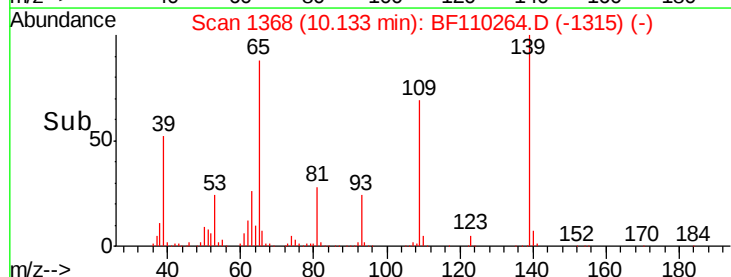
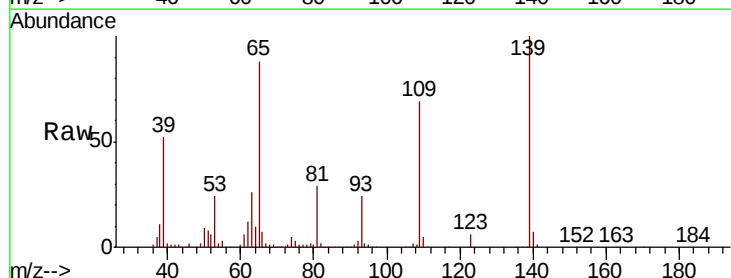
Tgt Ion:139 Resp: 281348

Ion Ratio Lower Upper

139 100

109 68.9 55.8 95.8

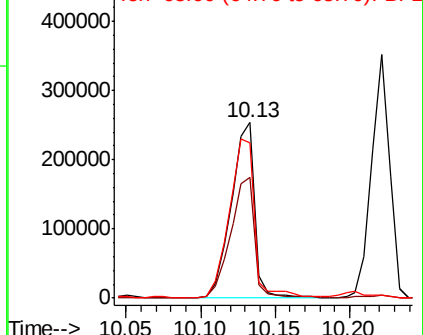
65 88.5 77.9 117.9



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

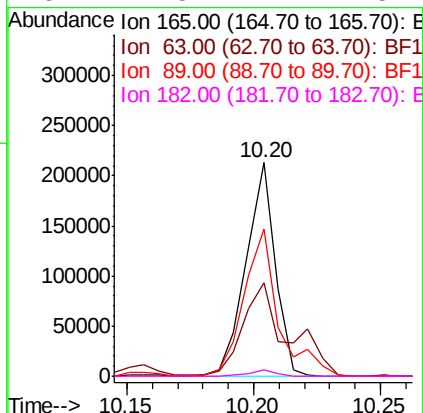
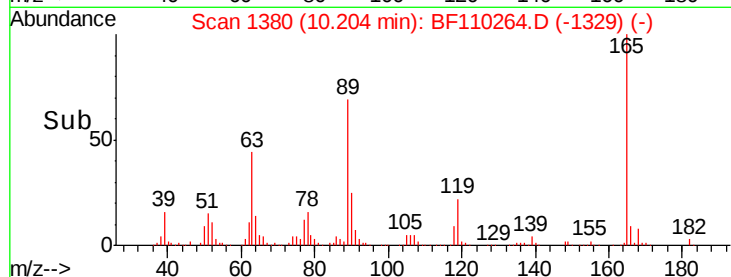
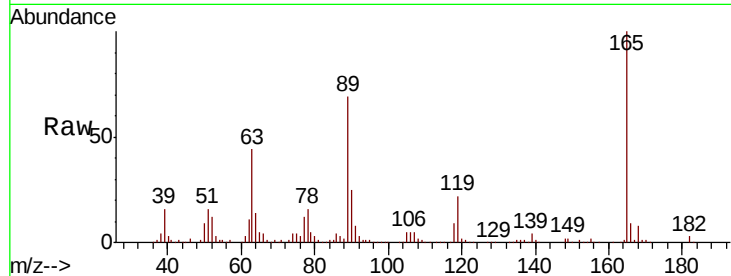




#57
2,4-Dinitrotoluene
Concen: 43.549 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

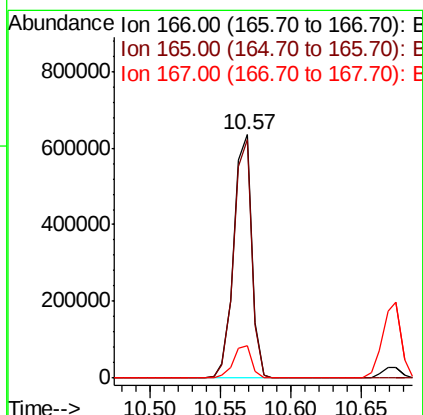
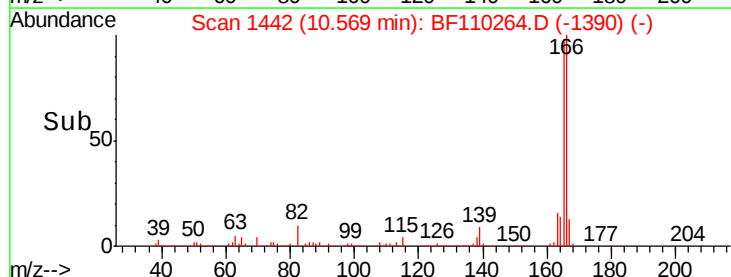
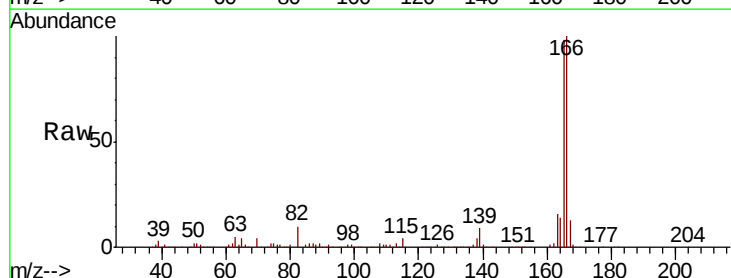
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	44.8	67.2#
89	69.2	62.2	93.4
182	2.8	2.1	3.1



#58
Fluorene
Concen: 43.735 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.4	10.8	16.2

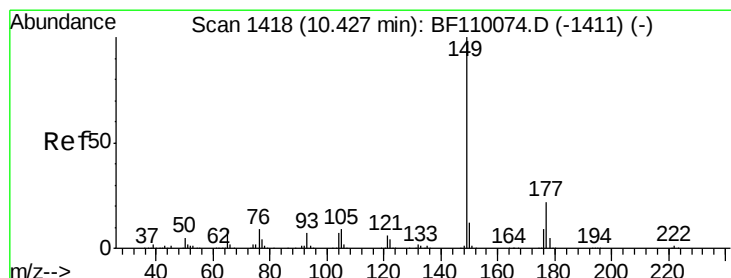
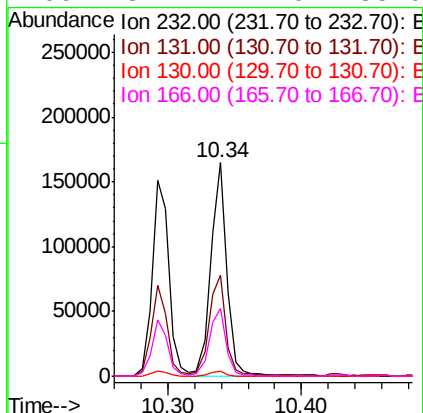
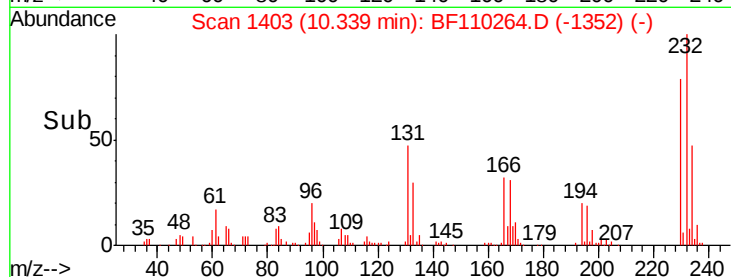
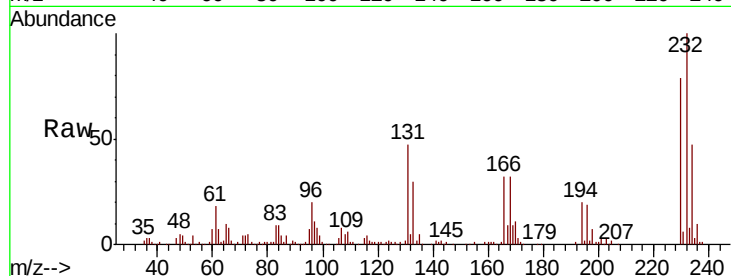




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.709 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

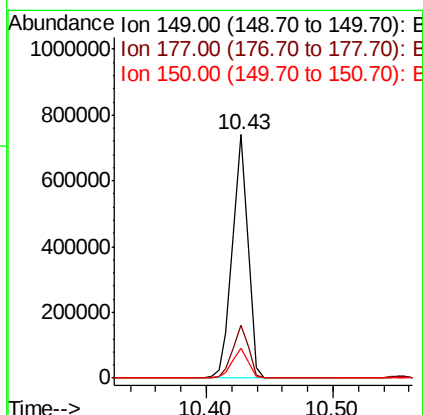
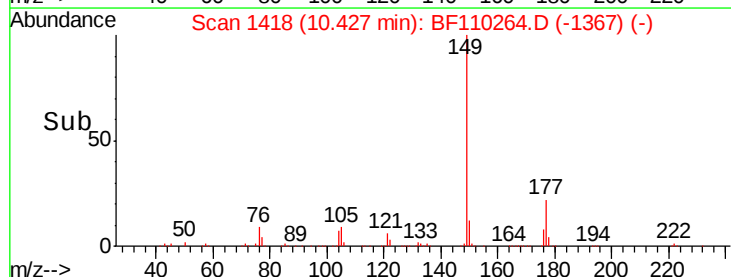
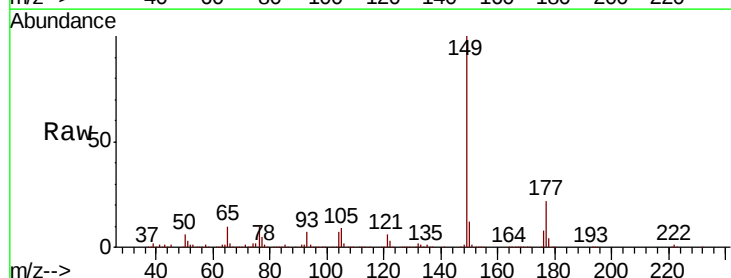
Instrument :
BNA_F
ClientSampleId :

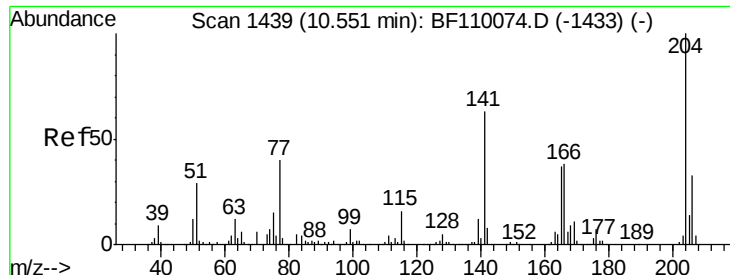
Tot Ion:232 Resp: 138234
Ion Ratio Lower Upper
232 100
131 48.8 37.0 55.4
130 2.7 1.8 2.6#
166 32.7 22.0 33.0



#60
Diethylphthalate
Concen: 44.348 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion:149 Resp: 626714
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.3 9.8 14.8

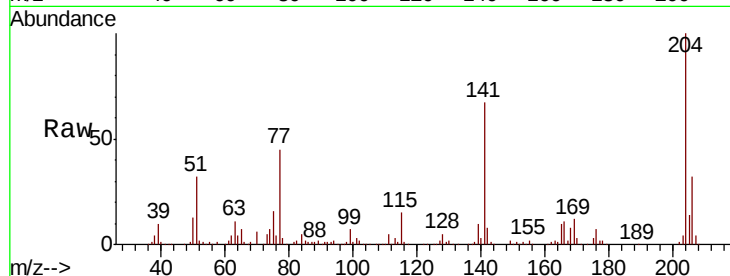




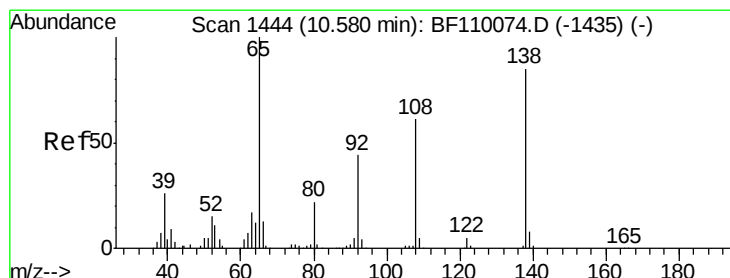
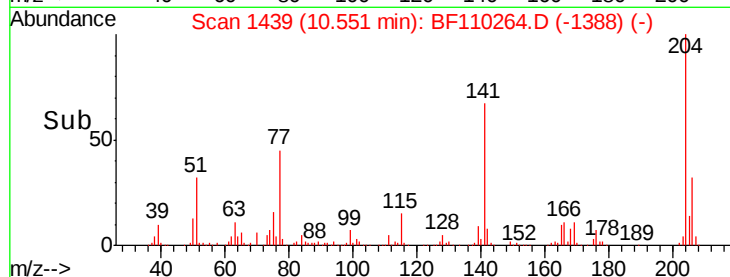
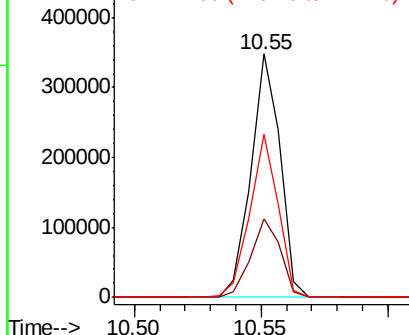
#61
4-Chlorophenyl-phenylether
Concen: 40.730 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 278296
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 66.9 51.8 77.8

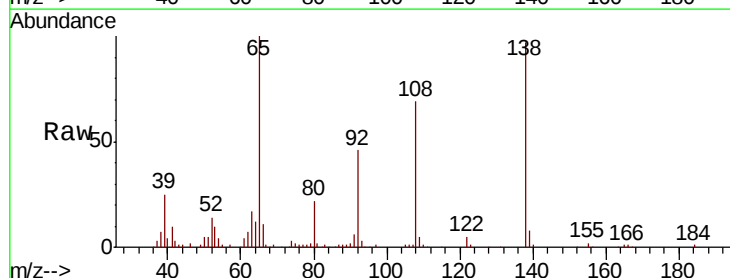


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

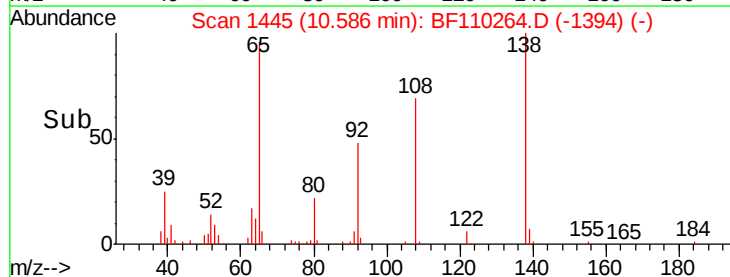
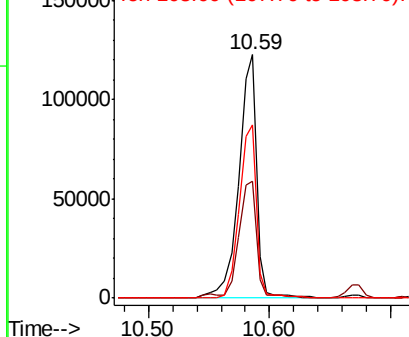


#62
4-Nitroaniline
Concen: 34.472 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion:138 Resp: 127142
Ion Ratio Lower Upper
138 100
92 48.0 31.7 71.7
108 71.2 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

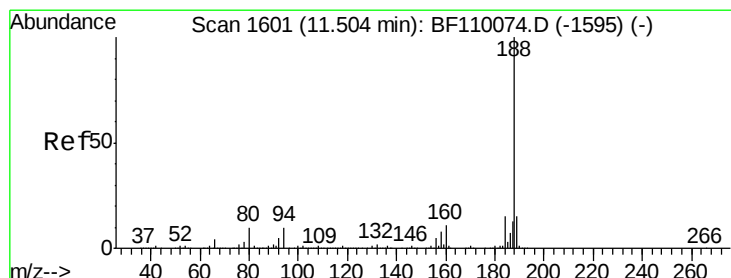
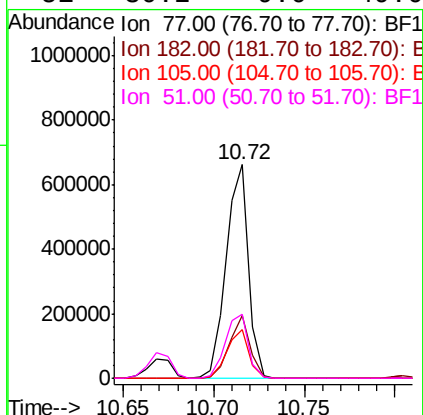
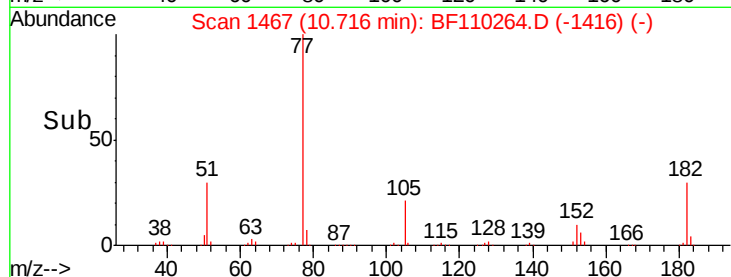
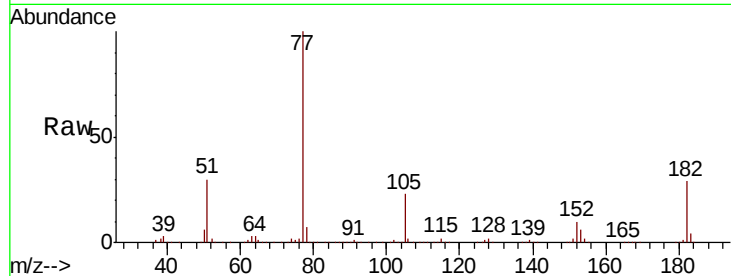




#63
Azobenzene
Concen: 40.358 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

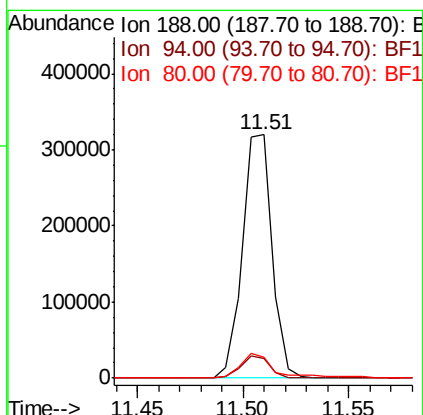
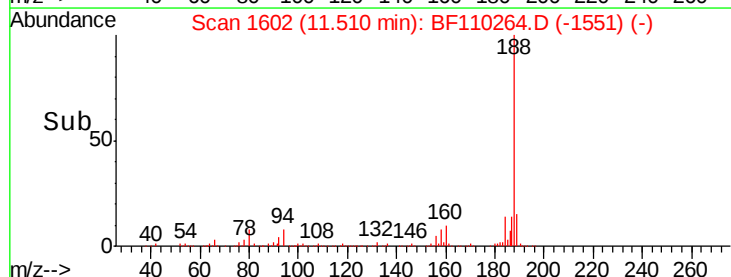
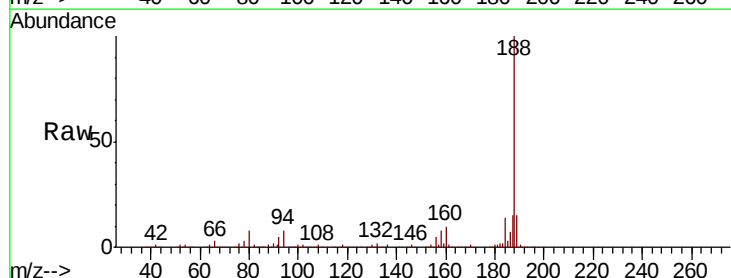
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	566112
Ion	Ratio	Lower	Upper
77	100		
182	29.2	4.3	44.3
105	23.0	1.3	41.3
51	30.2	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion:	188	Resp:	309737
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.5	7.9	11.9

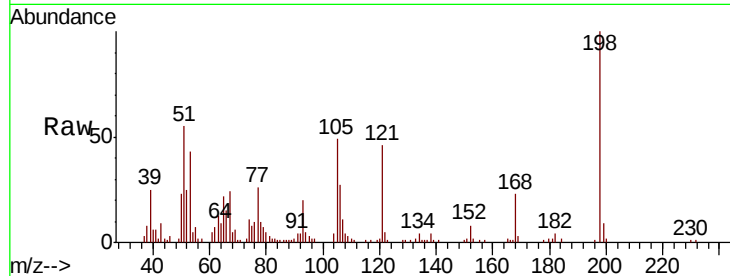




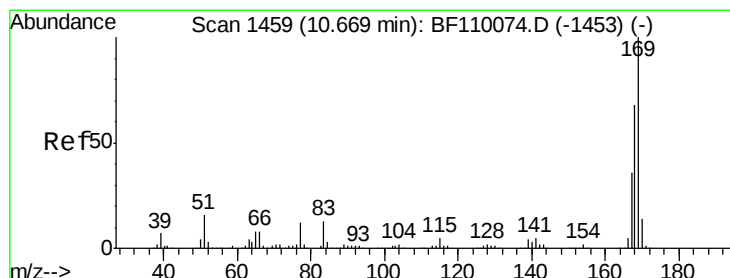
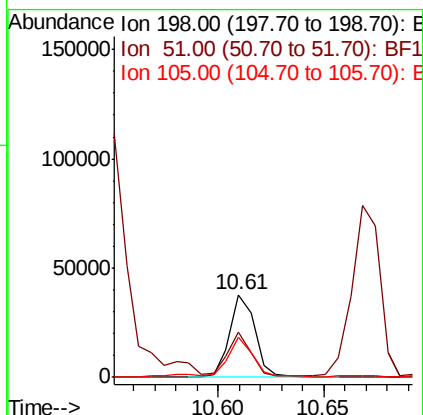
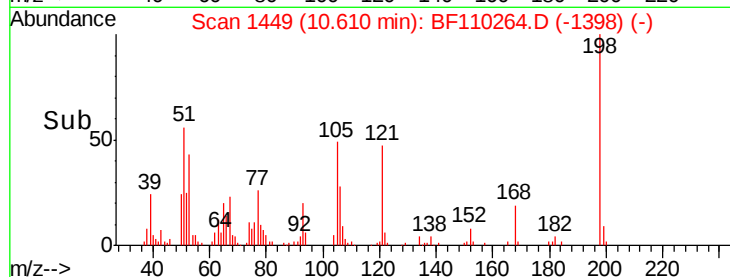
#65
 4,6-Dinitro-2-methylphenol
 Concen: 22.338 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 31610
 Ion Ratio Lower Upper
 198 100
 51 55.5 22.8 62.8
 105 49.3 23.6 63.6

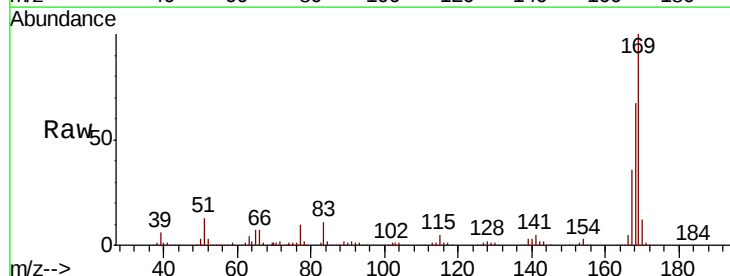


Abundance Ion 198.00 (197.70 to 198.70): E
 150000 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

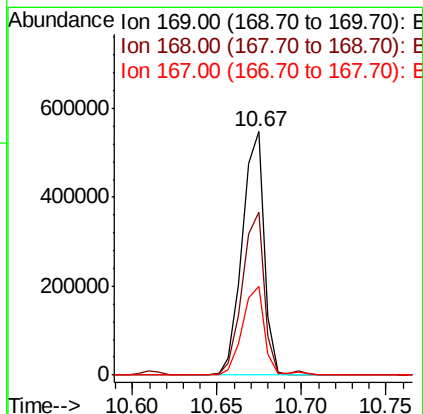
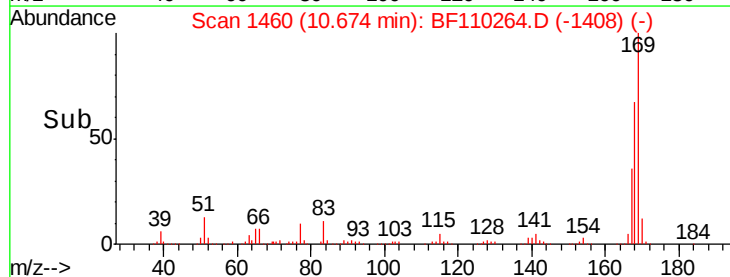


#66
 n-Nitrosodiphenylamine
 Concen: 49.241 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion:169 Resp: 500263
 Ion Ratio Lower Upper
 169 100
 168 66.7 51.2 76.8
 167 36.3 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

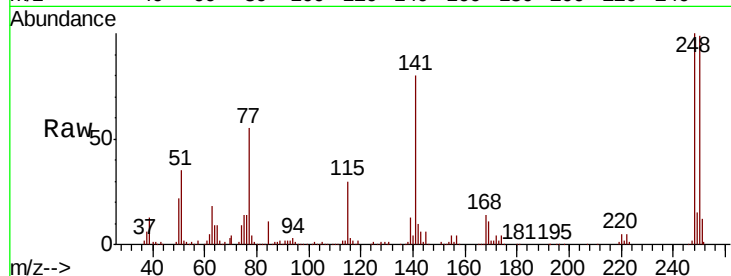




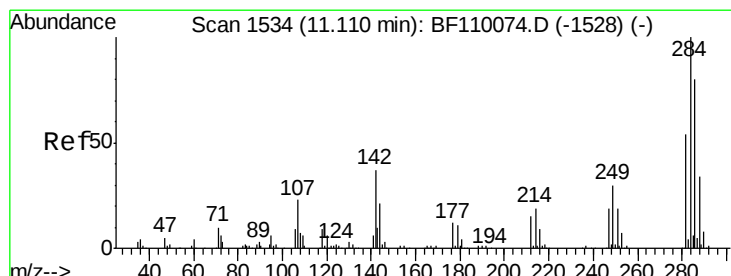
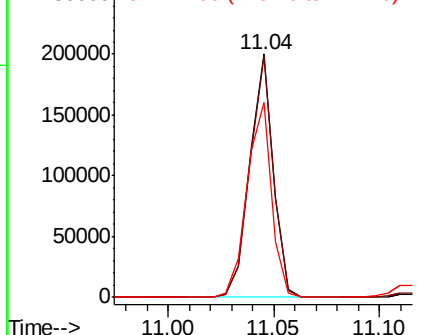
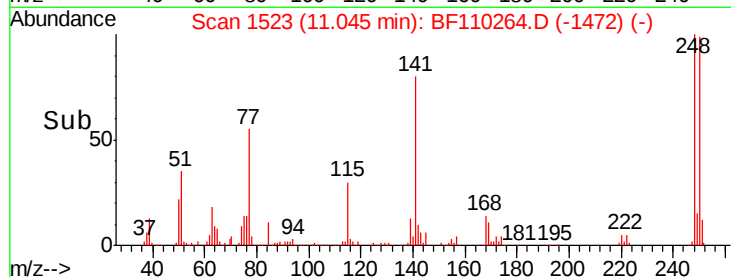
#67
 4-Bromophenyl-phenylether
 Concen: 46.268 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 155448
 Ion Ratio Lower Upper
 248 100
 250 98.9 79.4 119.2
 141 80.1 55.9 83.9

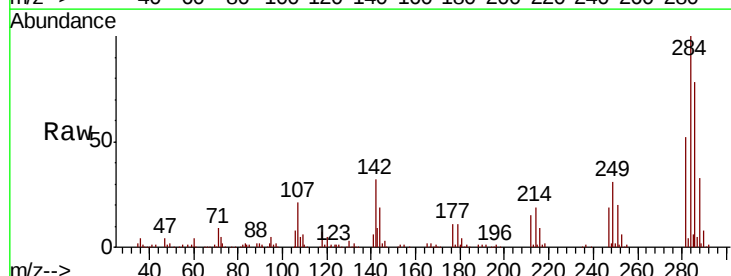


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

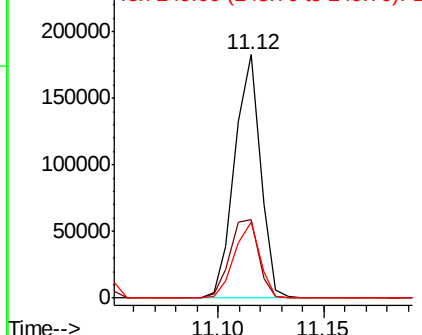
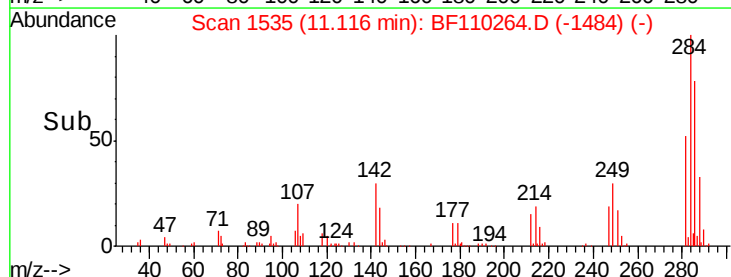


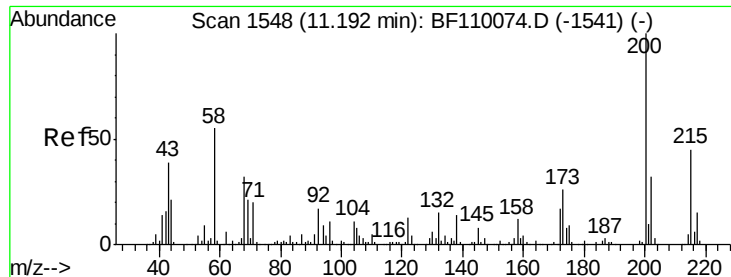
#68
 Hexachlorobenzene
 Concen: 43.317 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion:284 Resp: 154416
 Ion Ratio Lower Upper
 284 100
 142 32.4 23.9 35.9
 249 31.0 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

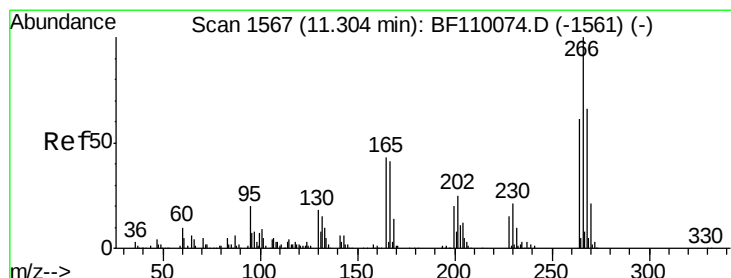
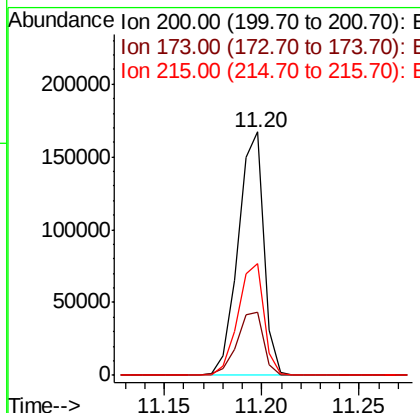
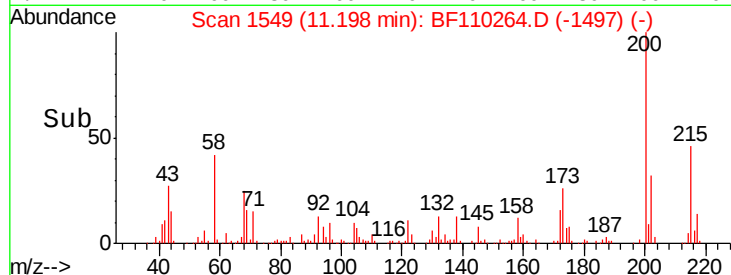
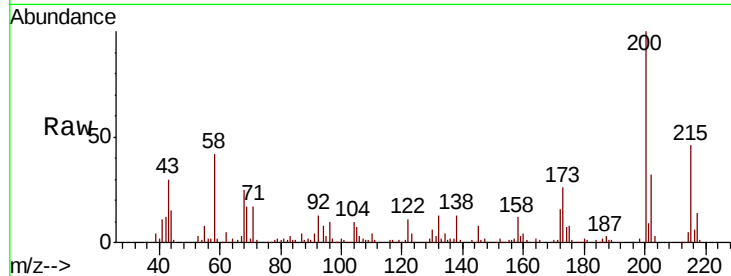




#69
Atrazine
Concen: 47.375 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

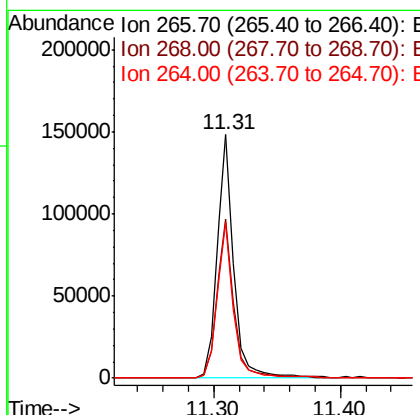
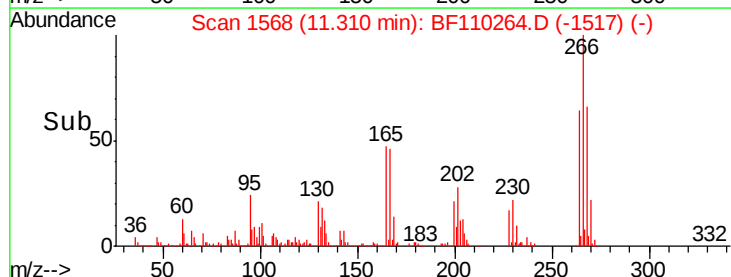
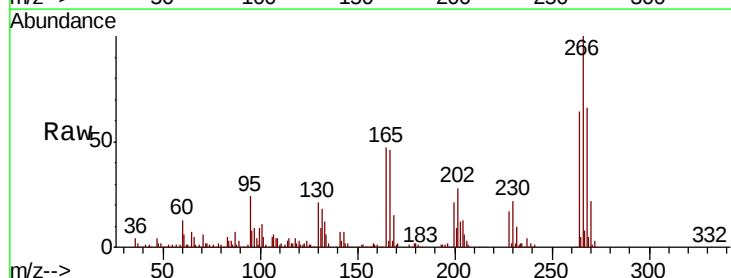
Instrument :
BNA_F
ClientSampled :

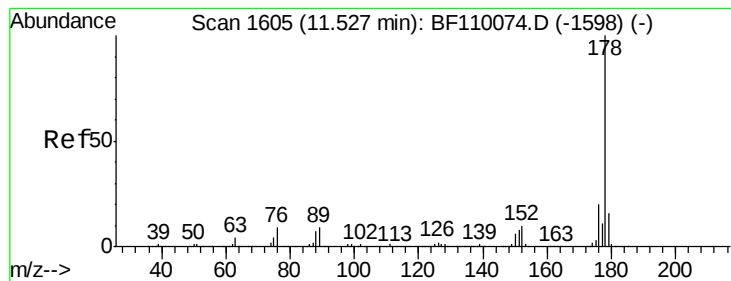
Tot Ion:200 Resp: 152101
Ion Ratio Lower Upper
200 100
173 26.0 6.6 46.6
215 46.1 26.3 66.3



#70
Pentachlorophenol
Concen: 66.048 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion:266 Resp: 137291
Ion Ratio Lower Upper
266 100
268 65.6 50.6 75.8
264 64.0 50.6 75.8





#71

Phenanthrene

Concen: 46.298 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

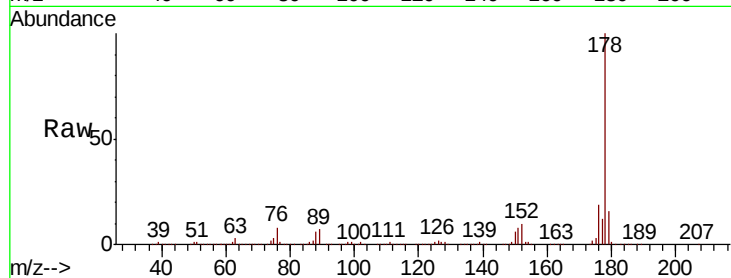
Tot Ion:178 Resp: 750344

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

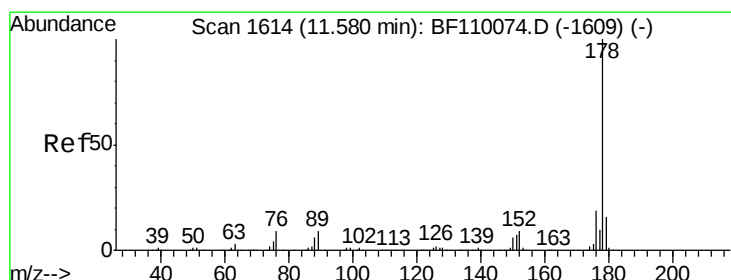
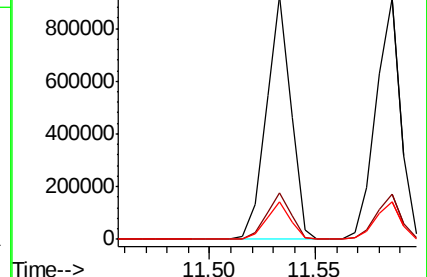
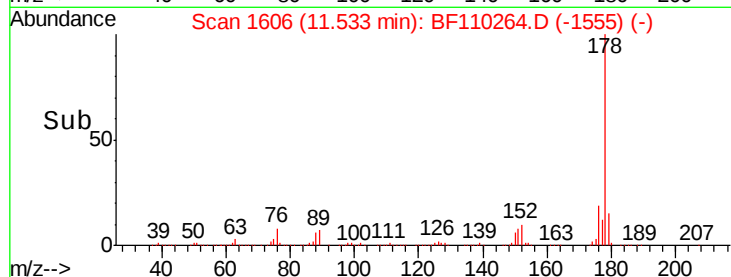
179 15.6 12.5 18.7



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: 45.838 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

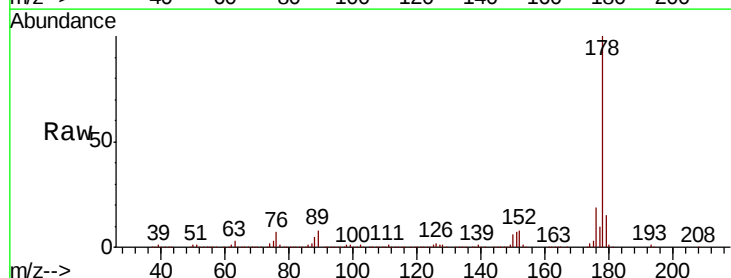
Tgt Ion:178 Resp: 744630

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

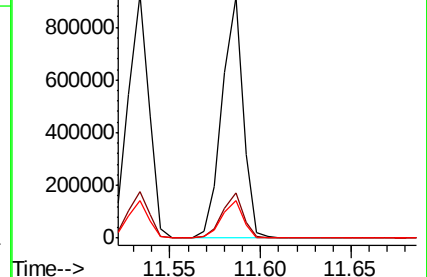
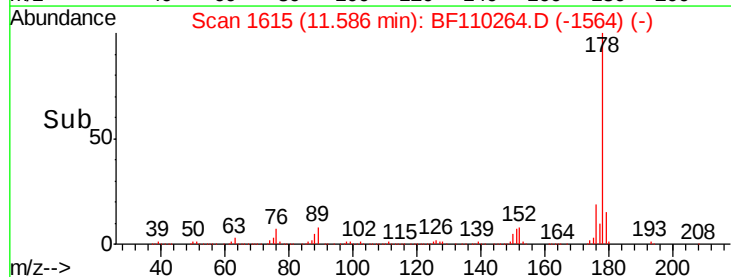
179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

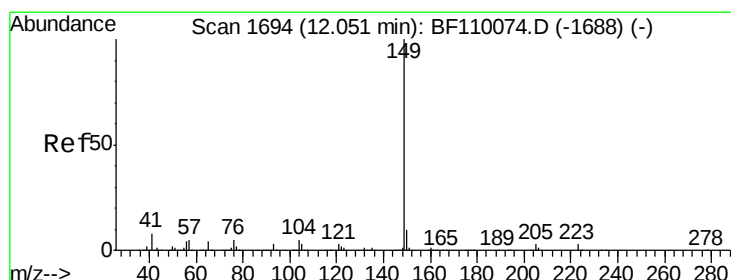
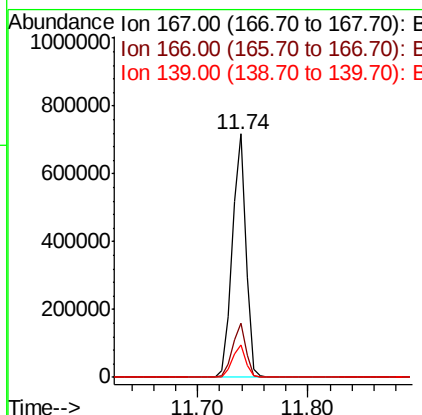
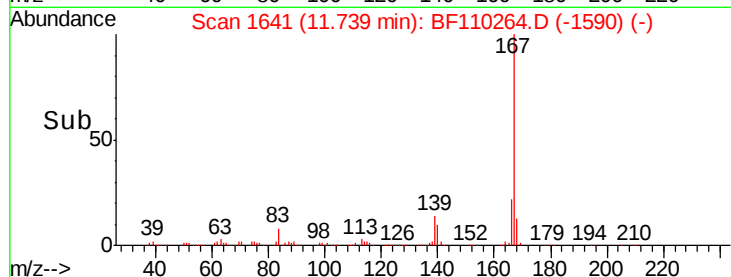
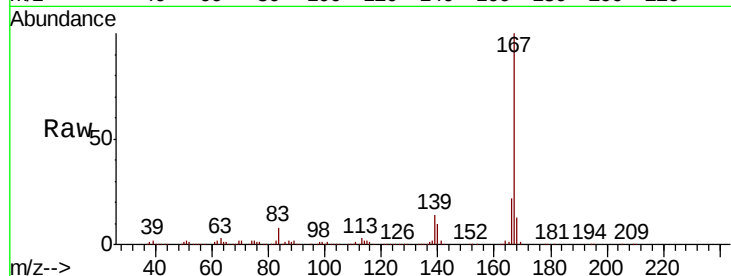




#73
 Carbazole
 Concen: 39.552 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

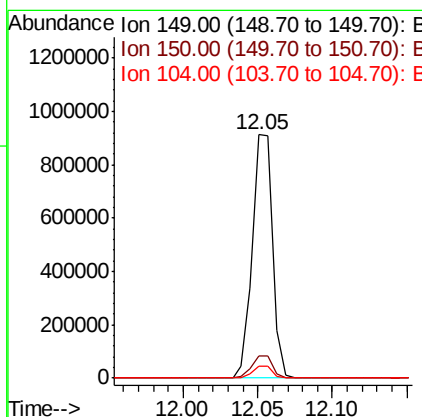
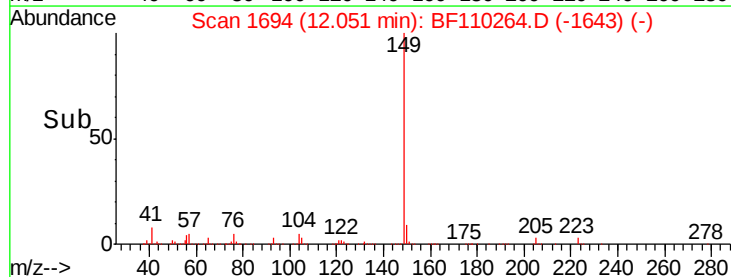
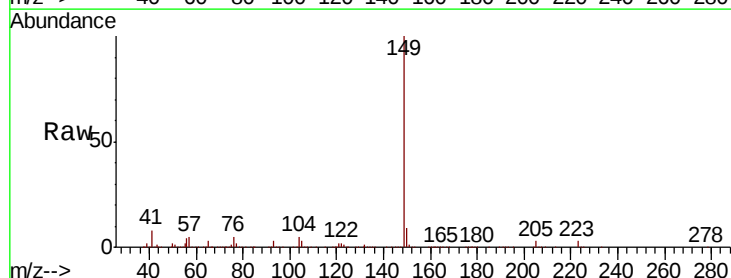
Instrument :
 BNA_F
 ClientSampled :

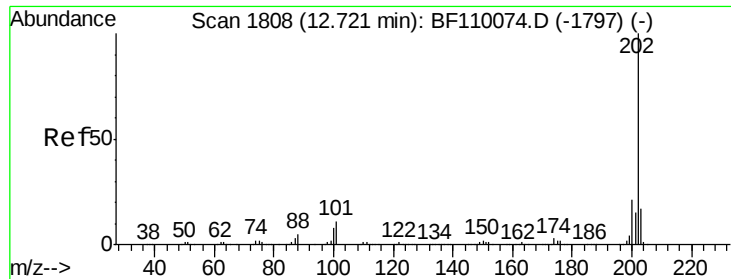
Tot Ion:167 Resp: 627351
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 47.333 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BF110264.D
 Acq: 29 Oct 2018 16:00

Tgt Ion:149 Resp: 847909
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 42.580 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

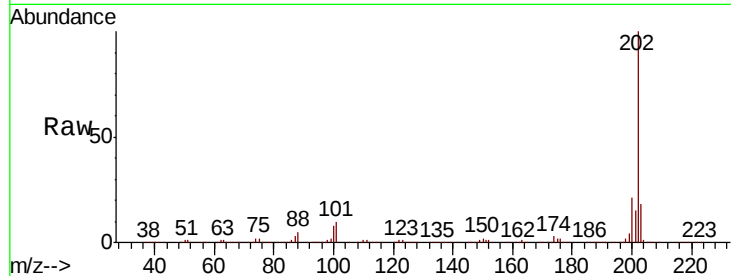
Tot Ion:202 Resp: 700358

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.4

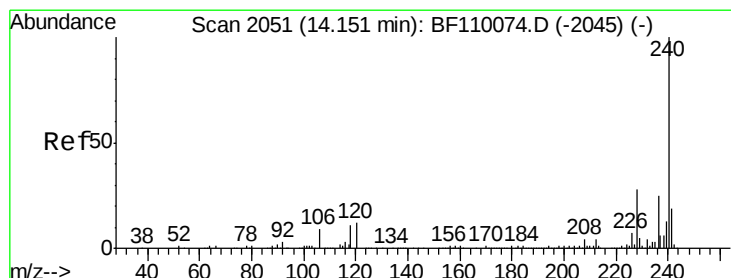
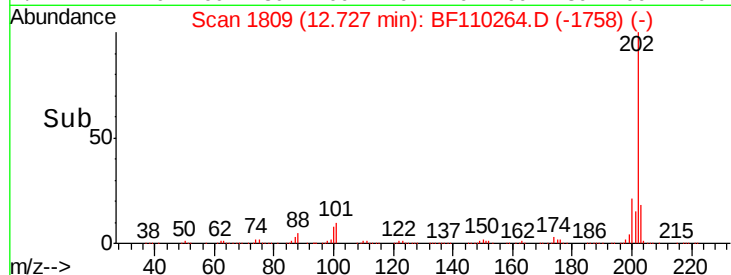
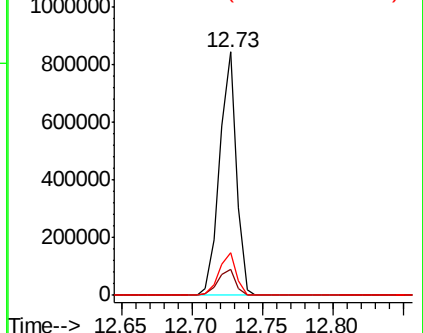
203 17.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

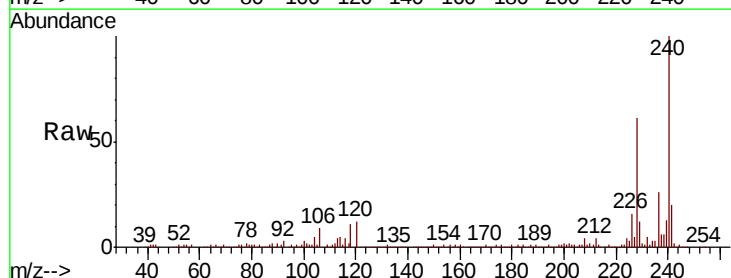
Tgt Ion:240 Resp: 212851

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

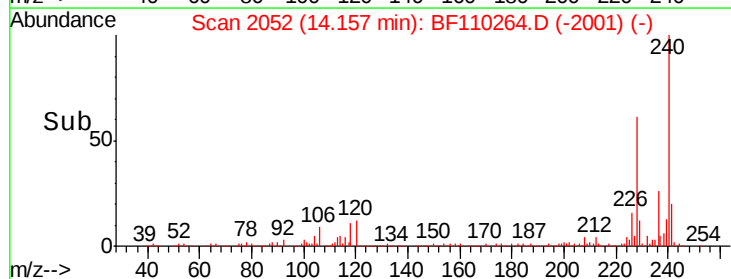
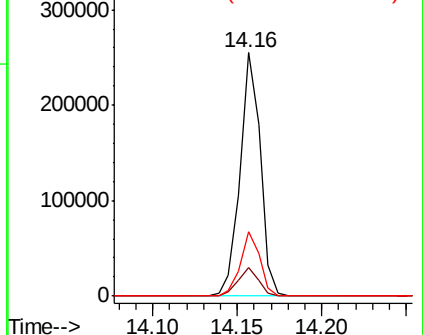
236 26.2 21.2 31.8

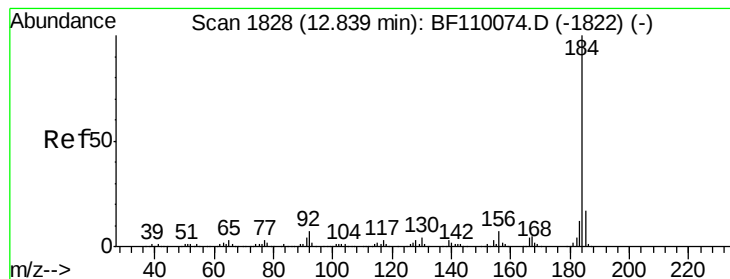


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.388 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

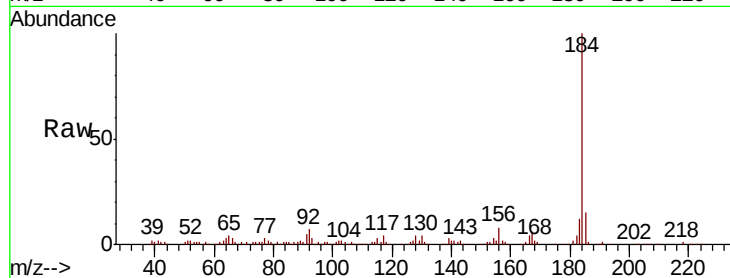
Tot Ion:184 Resp: 149612

Ion Ratio Lower Upper

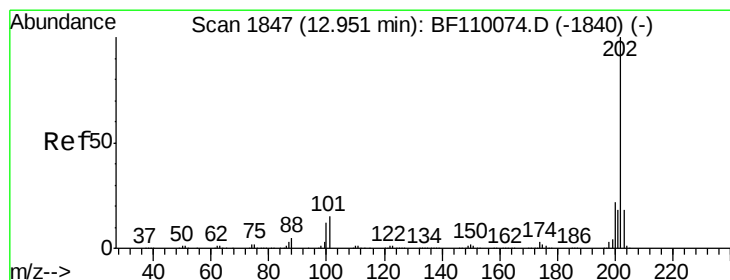
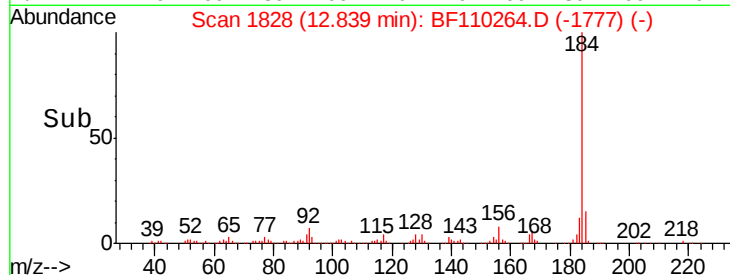
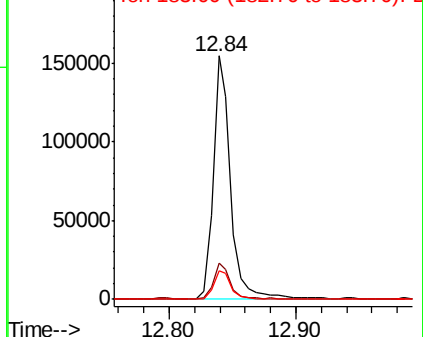
184 100

185 14.6 13.4 20.2

183 11.9 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: 45.786 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

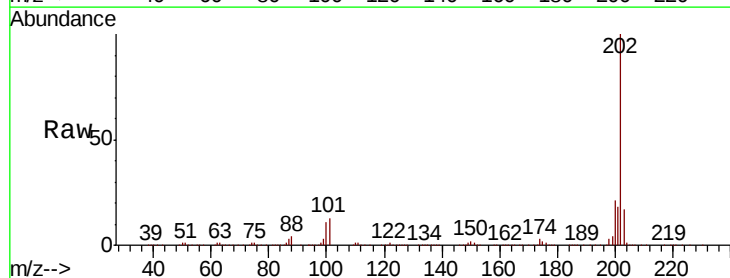
Tgt Ion:202 Resp: 698677

Ion Ratio Lower Upper

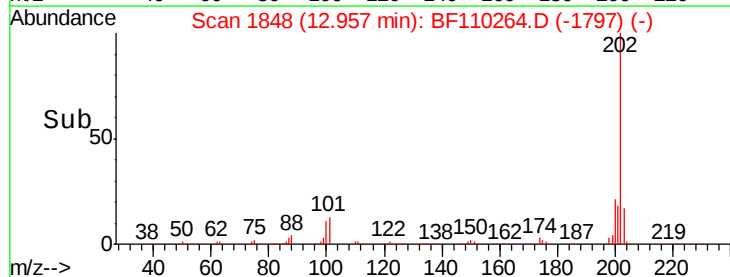
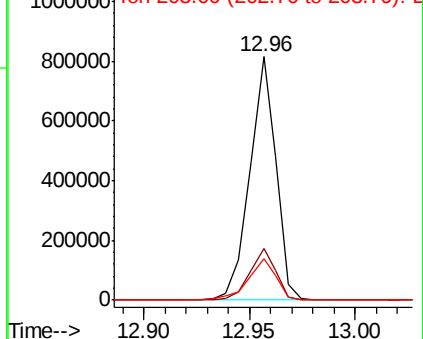
202 100

200 21.3 17.8 26.6

203 17.3 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: 85.320 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

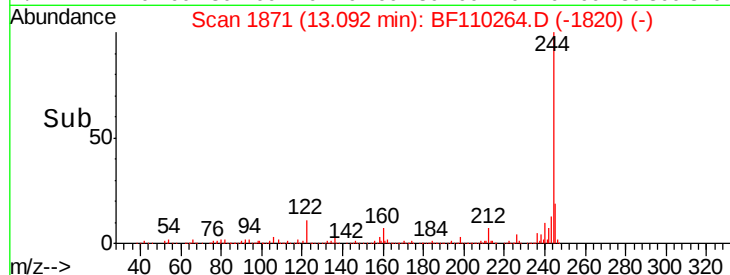
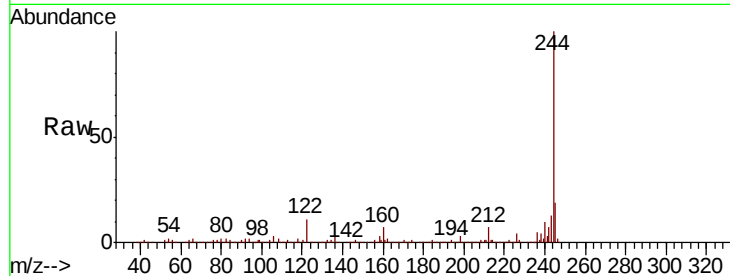
Tot Ion:244 Resp: 873220

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

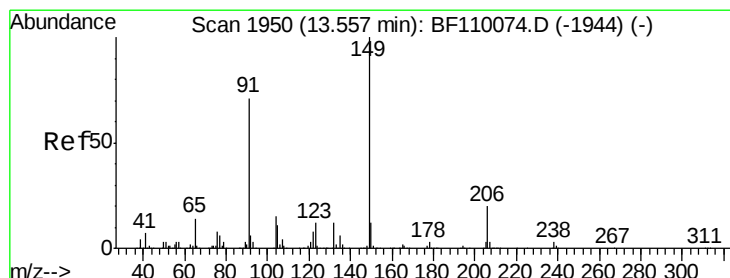
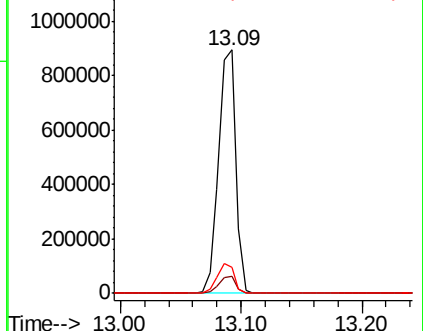
122 10.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.749 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

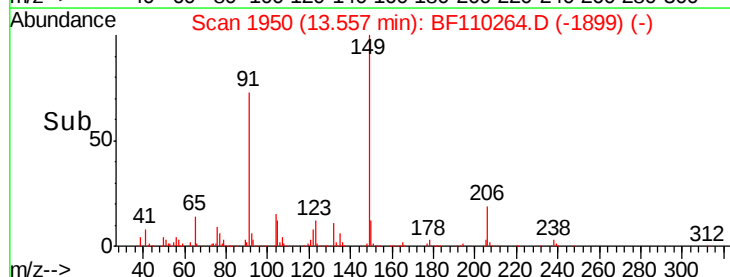
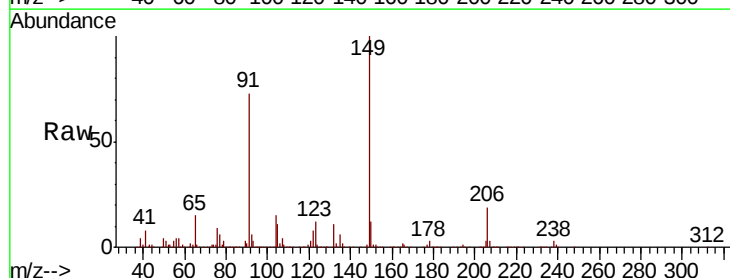
Tgt Ion:149 Resp: 296388

Ion Ratio Lower Upper

149 100

91 73.4 57.2 85.8

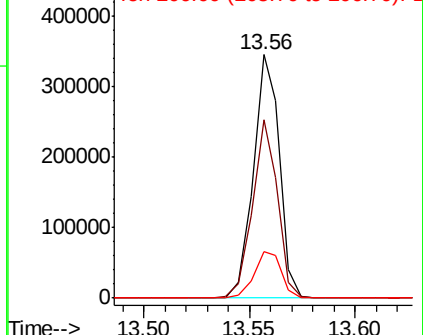
206 18.9 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

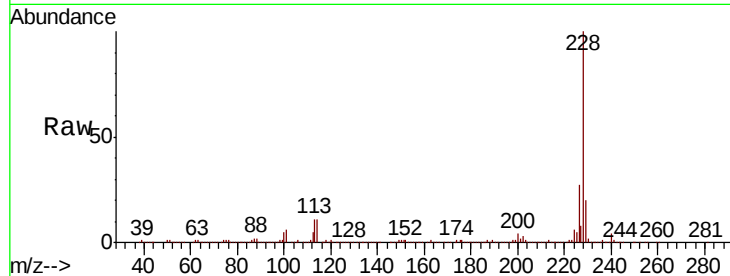




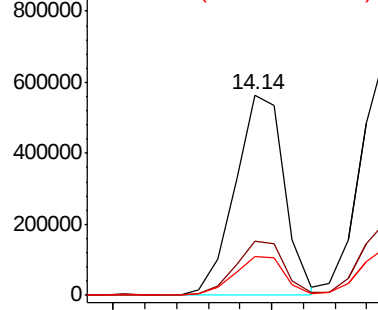
#81
Benzo(a)anthracene
Concen: 48.094 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Instrument :
BNA_F
ClientSampleId :

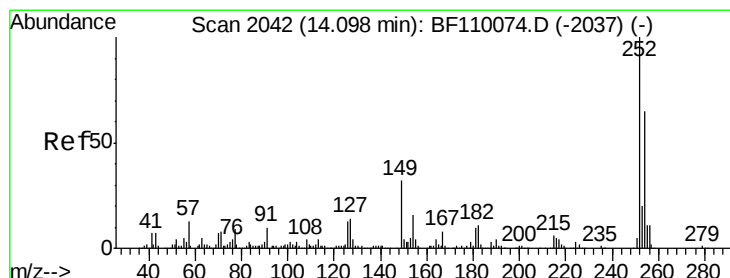
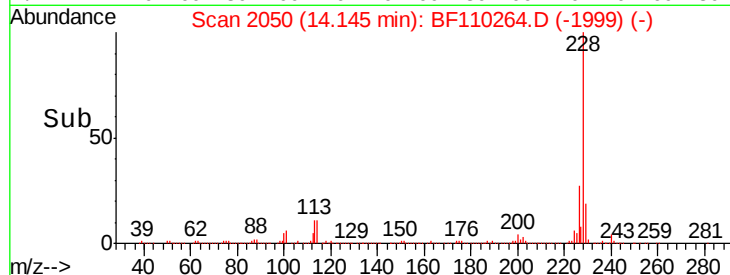
Tot Ion:228 Resp: 607070
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.6 15.6 23.4



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

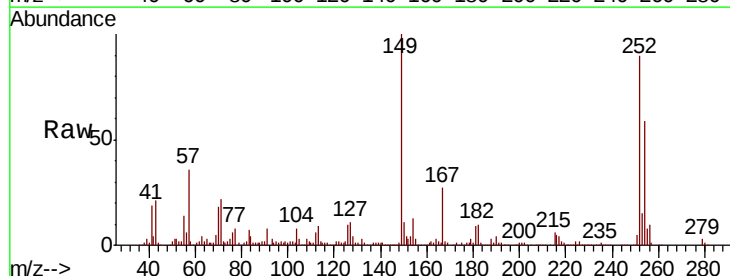


Time-->

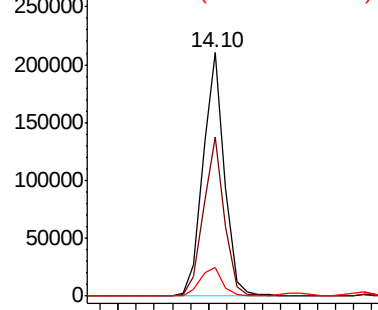


#82
3,3'-Dichlorobenzidine
Concen: 39.250 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

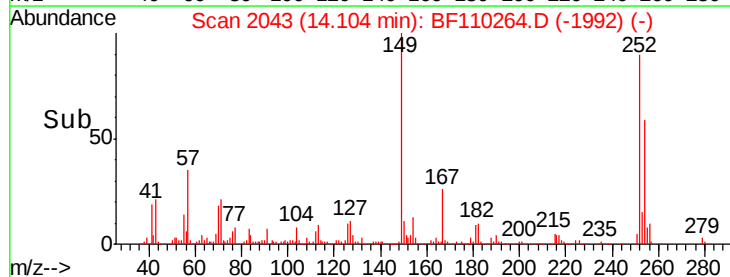
Tgt Ion:252 Resp: 172519
Ion Ratio Lower Upper
252 100
254 65.5 51.3 76.9
126 11.6 9.4 14.2

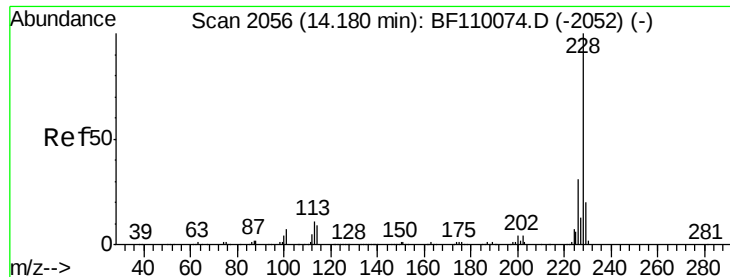


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrvsene

Concen: 48.183 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampled :

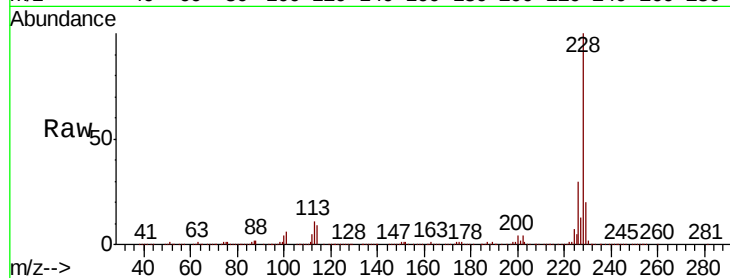
Tot Ion:228 Resp: 577660

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

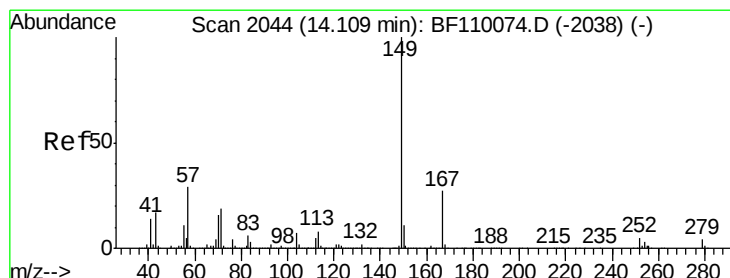
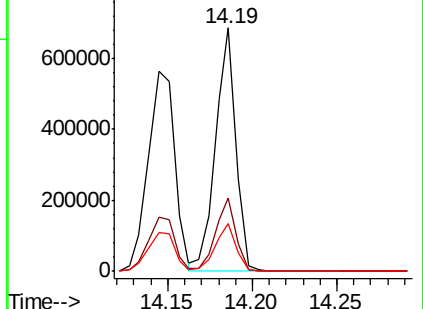
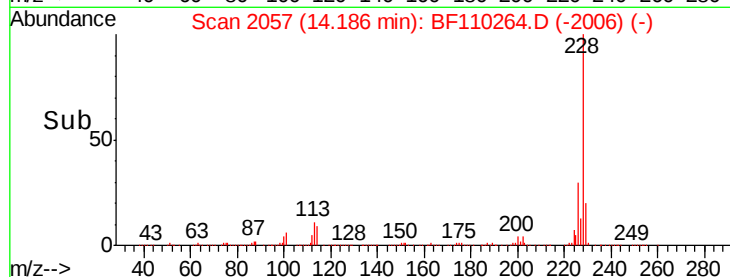
229 19.7 15.9 23.9



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: 44.354 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

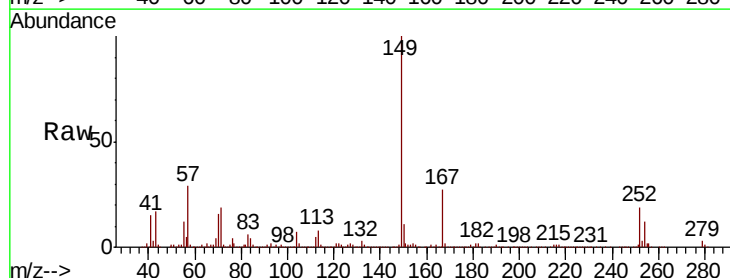
Tgt Ion:149 Resp: 397117

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

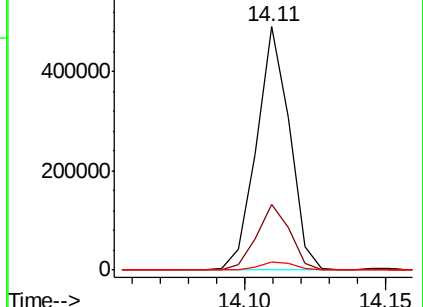
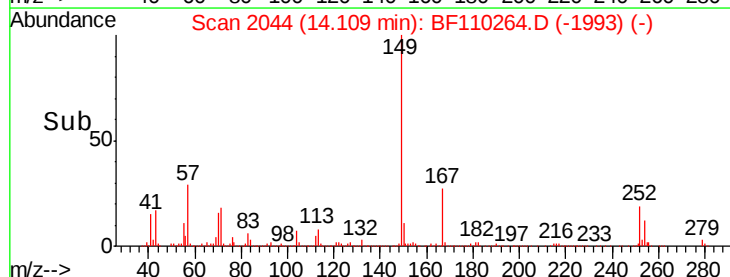
279 3.2 2.7 4.1

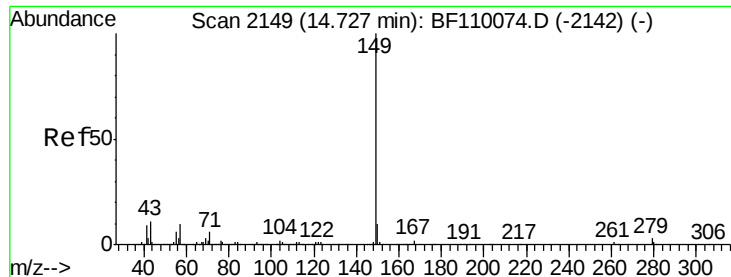


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

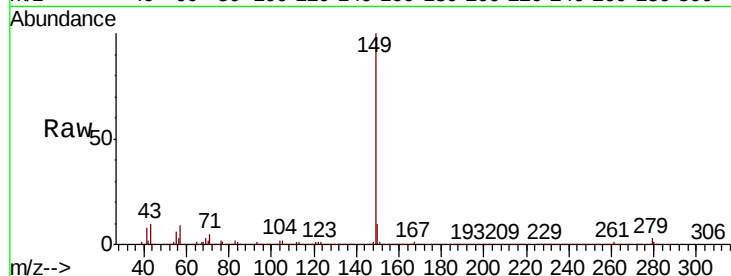




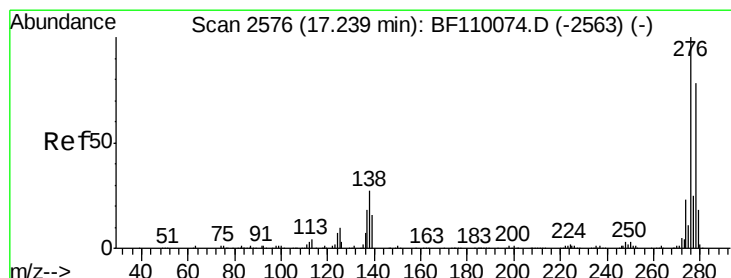
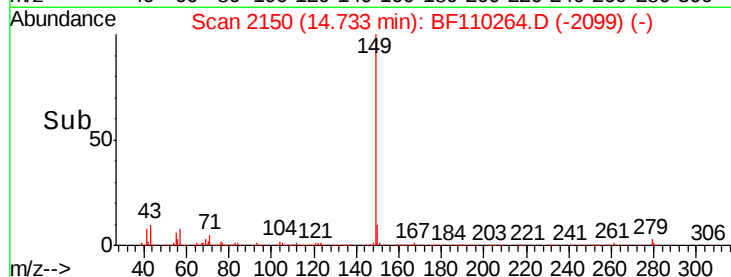
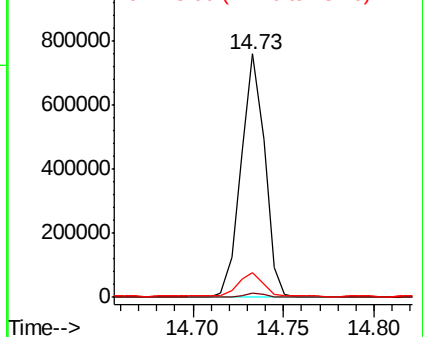
#85
Di-n-octyl phthalate
Concen: 49.520 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.1	1.7
43	10.5	7.8	11.8

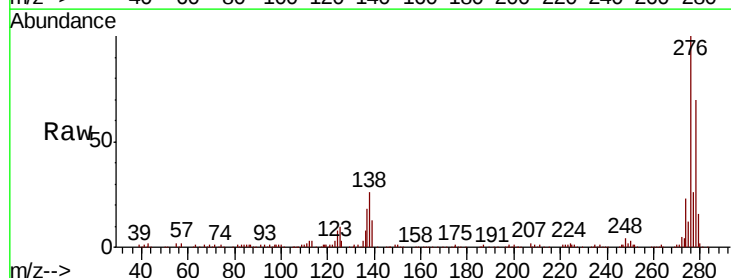


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

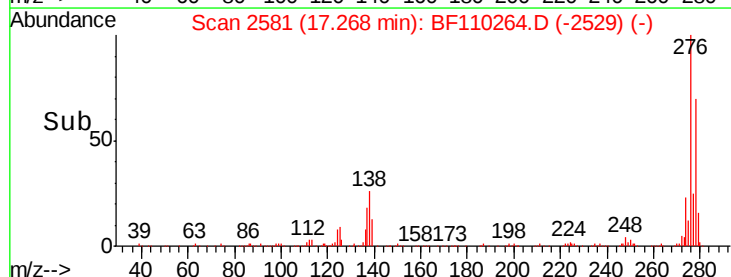
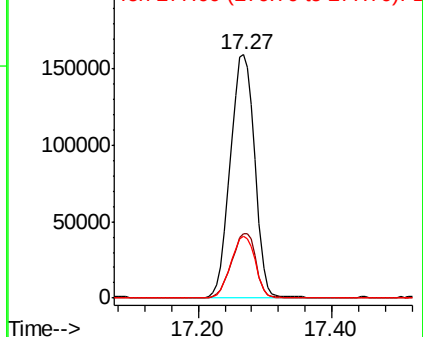


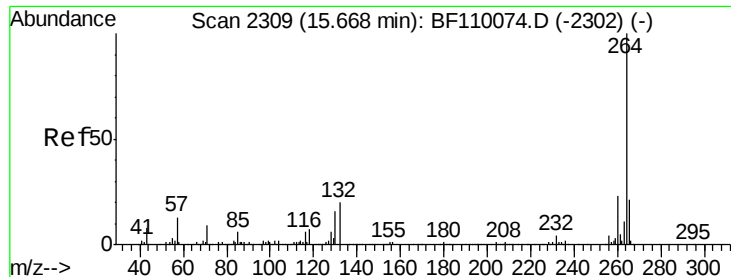
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.441 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	18.5	27.7
277	25.3	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: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

Instrument :

BNA_F

ClientSampleId :

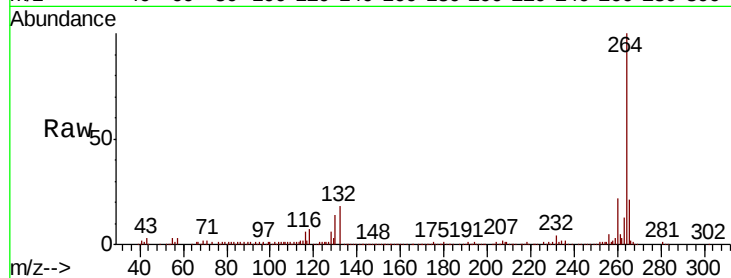
Tot Ion:264 Resp: 183384

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

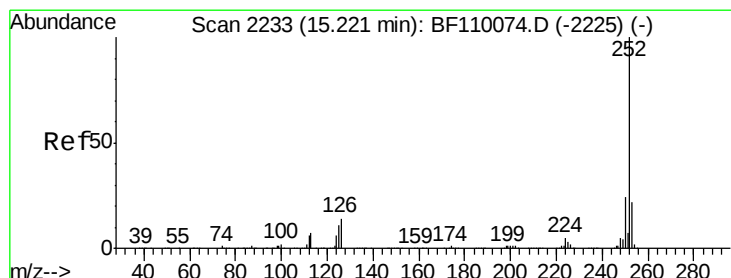
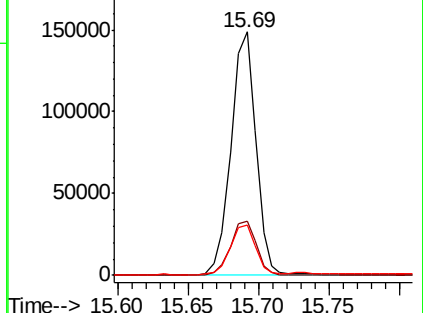
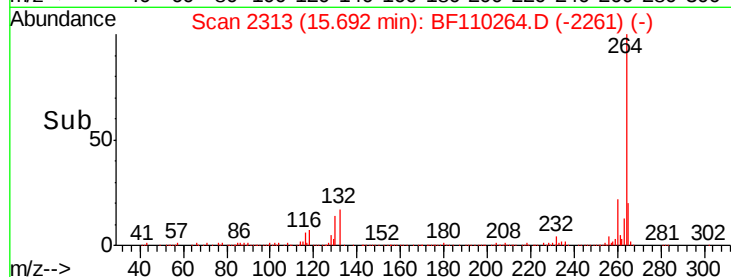
265 20.6 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.694 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF110264.D

Acq: 29 Oct 2018 16:00

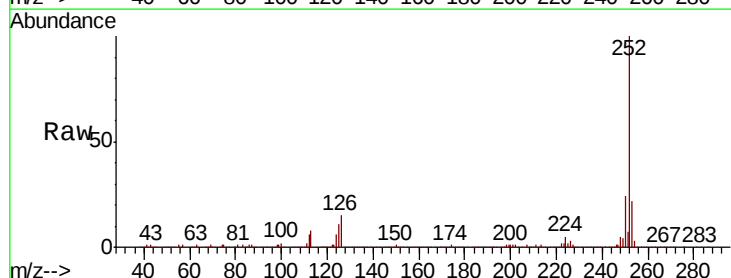
Tgt Ion:252 Resp: 558021

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

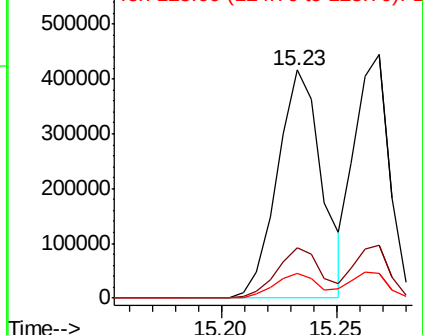
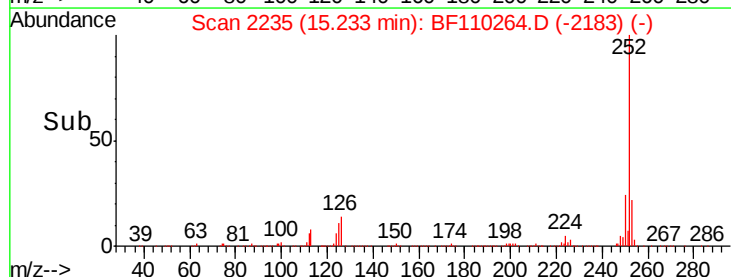
125 10.9 8.2 12.4

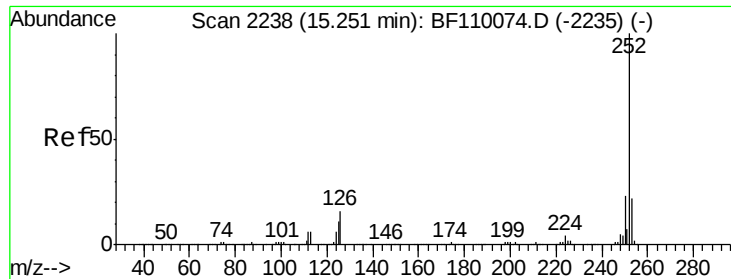


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

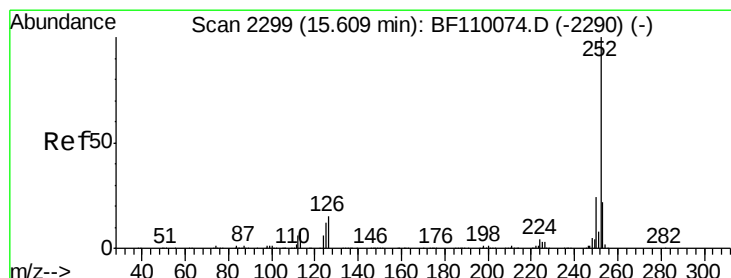
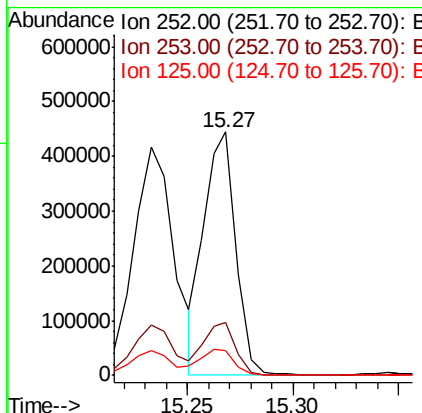
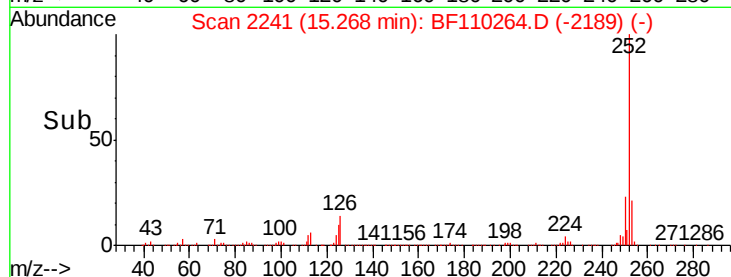
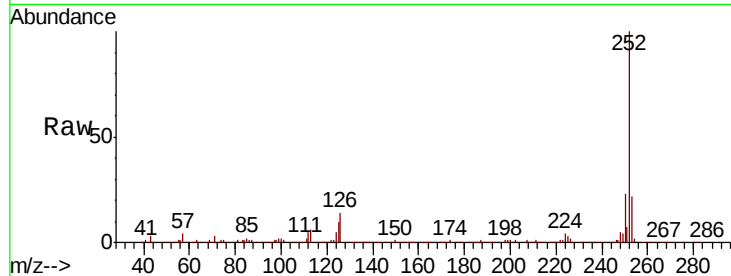




#89
Benzo(k)fluoranthene
Concen: 44.552 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

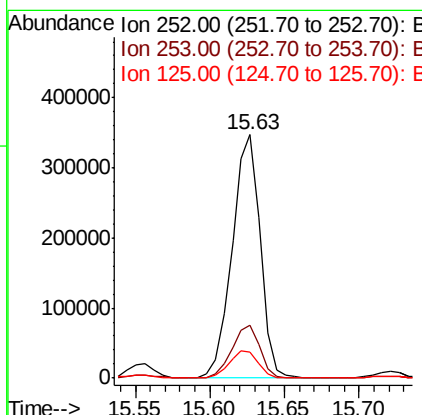
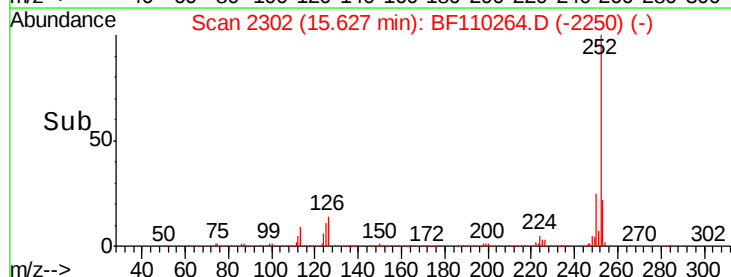
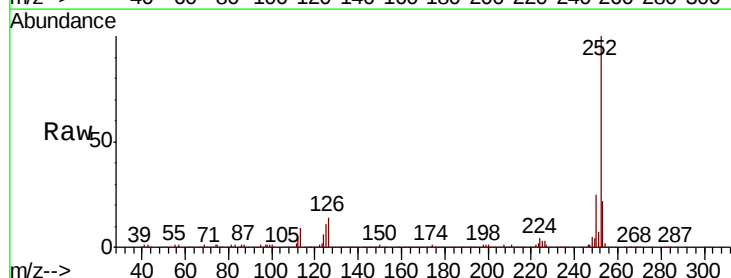
Instrument :
BNA_F
ClientSampled :

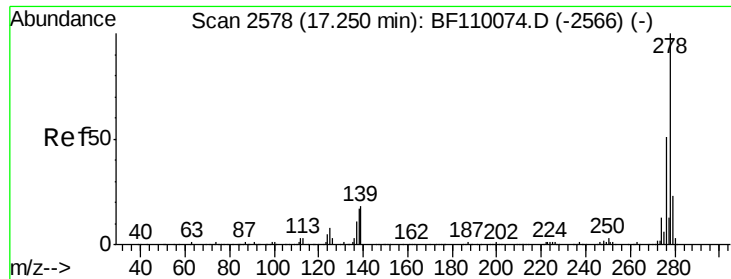
Tot Ion:252 Resp: 463823
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 10.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.782 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion:252 Resp: 455860
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.9 9.0 13.6

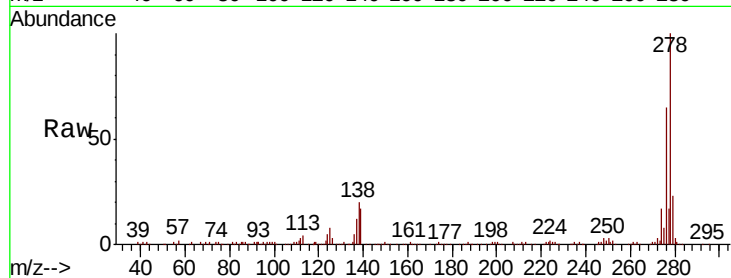




#91
Dibenzo(a,h)anthracene
Concen: 41.308 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.7	19.1
279	23.5	19.0	28.4

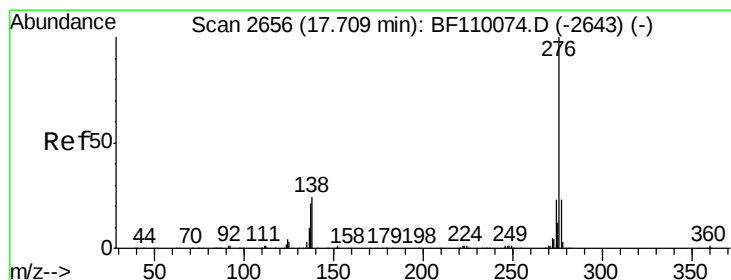
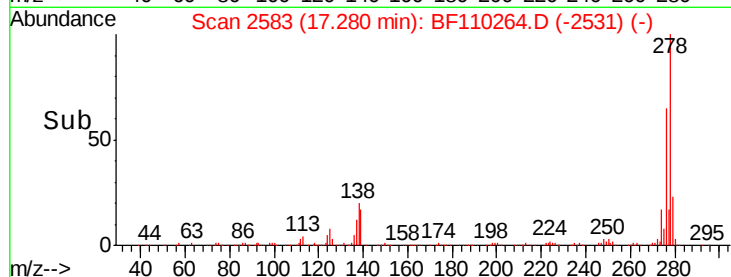
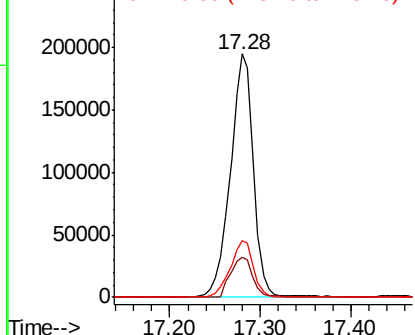


Abundance

Ion 278.00 (277.70 to 278.70): E

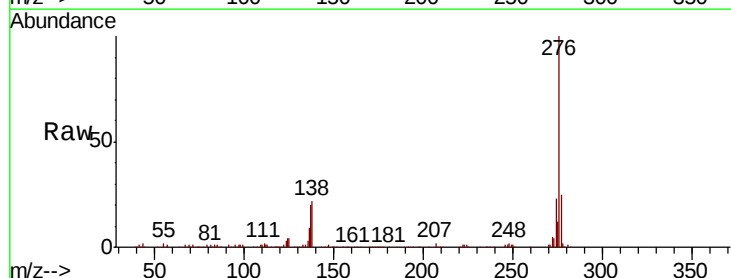
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.426 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF110264.D
Acq: 29 Oct 2018 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.8	28.2
138	21.8	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

