

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104624.D
 Acq On : 19 Apr 2018 12:05
 Operator : JU/SJ
 Sample : J2413-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

Quant Time: Apr 19 15:22:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134114	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	542372	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	235192	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	384700	20.00	ng	0.00
75) Chrysene-d12	13.98	240	269303	20.00	ng	0.00
86) Perylene-d12	15.44	264	294622	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	778647	88.77	ng	0.01
7) Phenol-d6	6.45	99	945701	87.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	611511	73.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	212952	87.29	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	986336	66.25	ng	0.00
78) Terphenyl-d14	12.92	244	775085	65.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	115393	28.235	ng	89
3) Pyridine	3.30	79	314572	27.376	ng	# 86
4) n-Nitrosodimethylamine	3.26	42	124890	31.093	ng	# 76
6) Aniline	6.47	93	214011	14.294	ng	# 82
8) 2-Chlorophenol	6.59	128	302170	32.640	ng	96
9) Benzaldehyde	6.35	77	175303	29.466	ng	99
10) Phenol	6.46	94	367722	32.159	ng	89
11) bis(2-Chloroethyl)ether	6.54	93	290430	31.829	ng	97
12) 1,3-Dichlorobenzene	6.75	146	320070	30.518	ng	98
13) 1,4-Dichlorobenzene	6.82	146	325315	31.117	ng	100
14) 1,2-Dichlorobenzene	6.97	146	302319	31.205	ng	99
15) Benzyl Alcohol	6.95	79	240324	29.361	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	362707	29.599	ng	85
17) 2-Methylphenol	7.07	107	243587	30.270	ng	# 94
18) Hexachloroethane	7.32	117	116716	31.312	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	198762	28.225	ng	90
20) 3+4-Methylphenols	7.22	107	299814	30.040	ng	# 86
22) Acetophenone	7.22	105	400947	30.027	ng	# 98
24) Nitrobenzene	7.39	77	311311	33.947	ng	94
25) Isophorone	7.63	82	567684	32.320	ng	98
26) 2-Nitrophenol	7.70	139	163095	43.686	ng	96
27) 2,4-Dimethylphenol	7.75	122	244820	31.583	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	365039	33.992	ng	99
29) 2,4-Dichlorophenol	7.95	162	238851	32.293	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	251960	31.040	ng	98
31) Naphthalene	8.11	128	843590	31.236	ng	99
33) 4-Chloroaniline	8.16	127	129573	11.199	ng	96
34) Hexachlorobutadiene	8.22	225	134744	30.306	ng	99
35) Caprolactam	8.52	113	82510	31.978	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	236779	29.856	ng	97
37) 2-Methylnaphthalene	8.80	142	550222	31.496	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	231534	34.390	ng	99
40) Hexachlorocyclopentadiene	8.95	237	187272	49.686	ng	97
42) 2,4,6-Trichlorophenol	9.09	196	156730	33.535	ng	98

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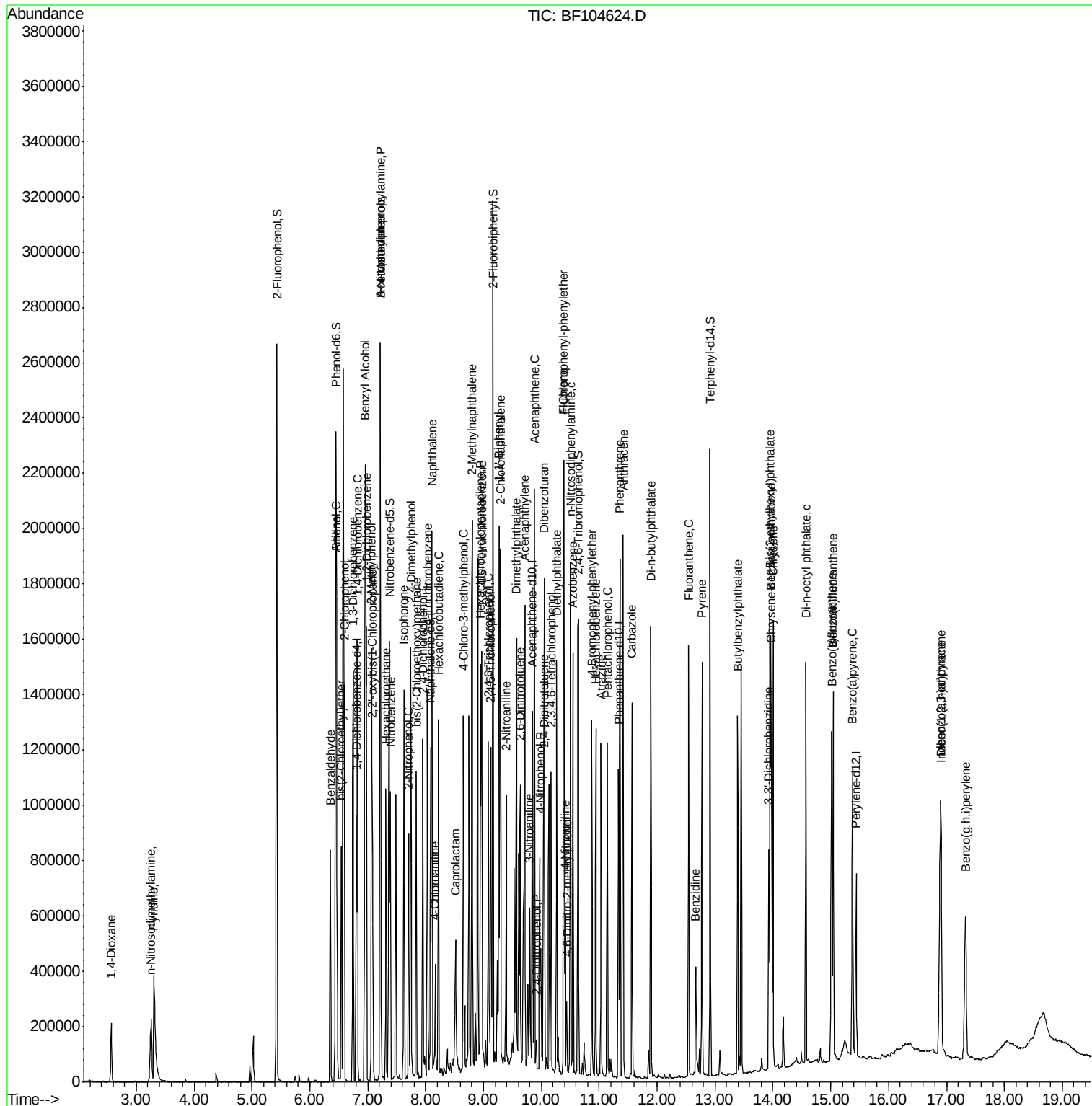
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	159990	30.591	nq	99
45) 1,1'-Biphenyl	9.27	154	634805	32.129	nq	98
46) 2-Chloronaphthalene	9.29	162	498791	31.961	nq	99
47) 2-Nitroaniline	9.39	65	142769	36.993	nq	95
48) Acenaphthylene	9.71	152	746883	30.503	nq	99
49) Dimethylphthalate	9.57	163	661448	35.664	nq	100
50) 2,6-Dinitrotoluene	9.63	165	128973	37.581	nq	91
51) Acenaphthene	9.88	154	430279	28.801	nq	99
52) 3-Nitroaniline	9.80	138	94254	23.460	nq	90
53) 2,4-Dinitrophenol	9.91	184	12010	16.887	nq	# 20
54) Dibenzofuran	10.05	168	654674	31.445	nq	99
55) 4-Nitrophenol	9.97	139	159436	50.518	nq	90
56) 2,4-Dinitrotoluene	10.03	165	163092	36.230	nq	98
57) Fluorene	10.39	166	496026	32.732	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	119848	30.716	nq	95
59) Diethylphthalate	10.26	149	549298	29.738	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	226972	33.631	nq	97
61) 4-Nitroaniline	10.42	138	103886	26.445	nq	93
62) Azobenzene	10.55	77	518781	29.397	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	31900	21.767	nq	# 72
65) n-Nitrosodiphenylamine	10.50	169	430336	32.263	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	139201	34.018	nq	94
67) Hexachlorobenzene	10.94	284	158306	34.382	nq	95
68) Atrazine	11.03	200	126146	31.331	nq	99
69) Pentachlorophenol	11.14	266	121873	42.785	nq	96
70) Phenanthrene	11.36	178	662141	30.907	nq	99
71) Anthracene	11.41	178	686268	31.513	nq	99
72) Carbazole	11.57	167	548162	25.759	nq	99
73) Di-n-butylphthalate	11.89	149	778860	29.962	nq	99
74) Fluoranthene	12.54	202	608143	27.169	nq	99
76) Benzidine	12.67	184	173253	14.756	nq	98
77) Pyrene	12.77	202	600502	30.083	nq	99
79) Butylbenzylphthalate	13.39	149	284387	30.240	nq	98
80) Benzo(a)anthracene	13.97	228	524793	32.619	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	159864	26.650	nq	99
82) Chrysene	14.00	228	506843	30.671	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	405362	33.512	nq	98
84) Di-n-octyl phthalate	14.57	149	691725	34.224	nq	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	553549	39.432	nq	98
87) Benzo(b)fluoranthene	15.02	252	541759	29.115	nq	99
88) Benzo(k)fluoranthene	15.04	252	533826	30.387	nq	99
89) Benzo(a)pyrene	15.38	252	529088	31.778	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	451768	33.038	nq	97
91) Benzo(g,h,i)perylene	17.33	276	447167	33.754	nq	95

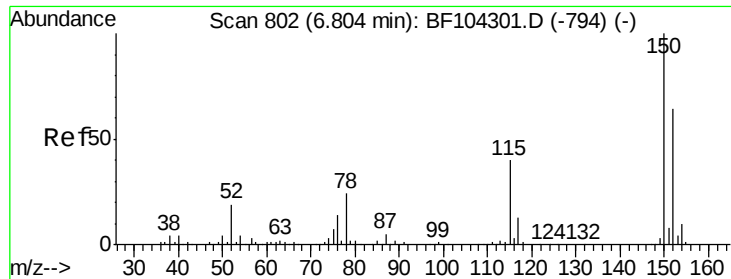
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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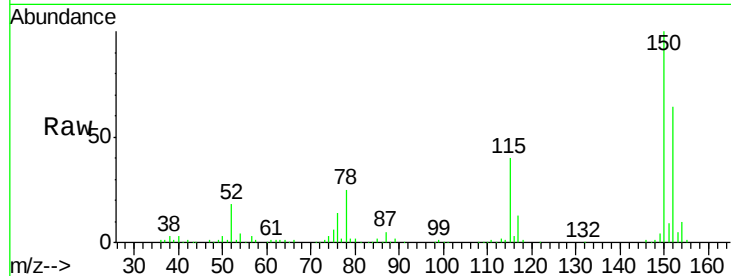


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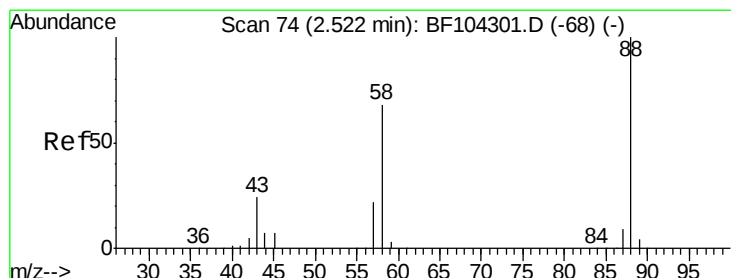
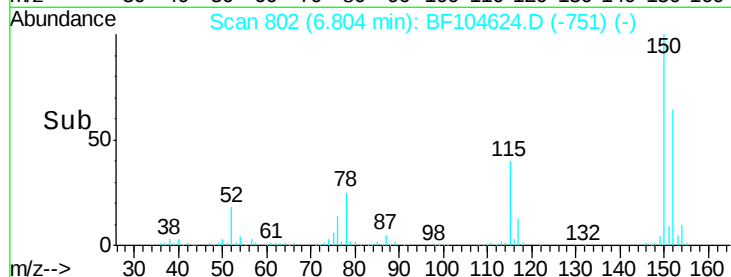
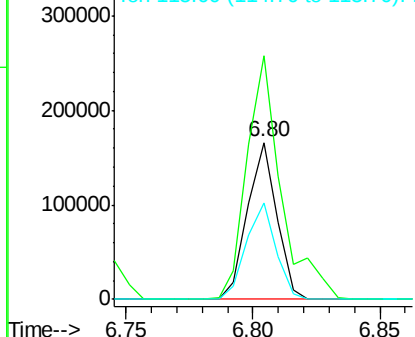
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

Tot Ion:152 Resp: 134114
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 61.5 50.1 75.1



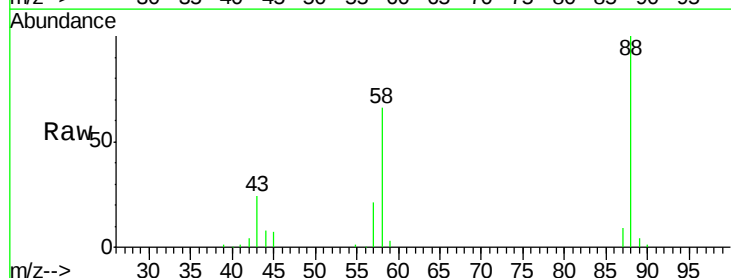
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



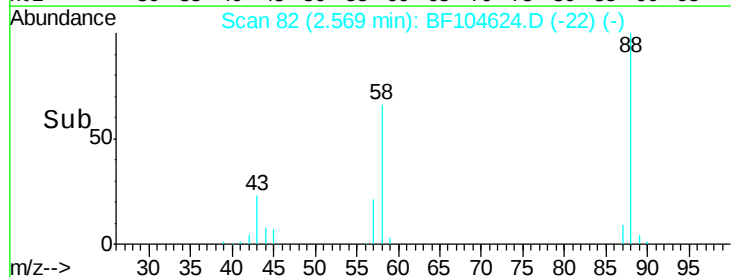
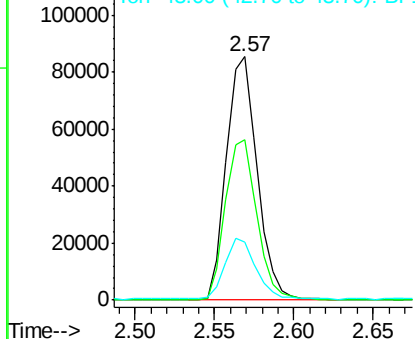
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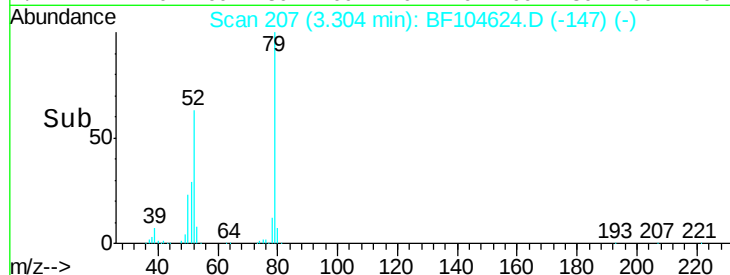
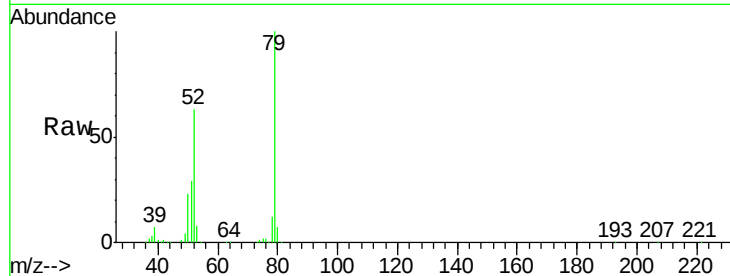
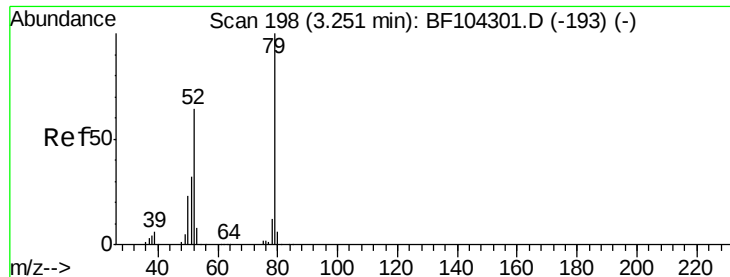
1,4-Dioxane
 Concen: 28.235 ng
 RT: 2.57 min Scan# 82
 Delta R.T. 0.05 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion: 88 Resp: 115393
 Ion Ratio Lower Upper
 88 100
 58 67.2 62.6 93.8
 43 26.2 24.6 37.0



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



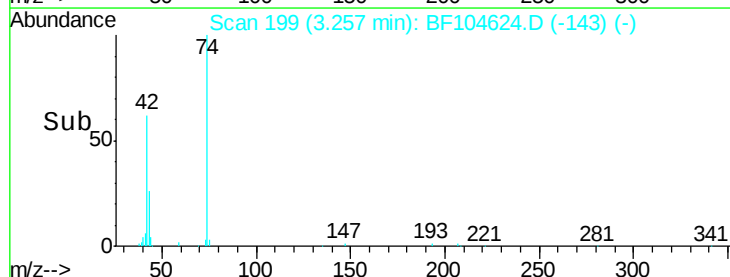
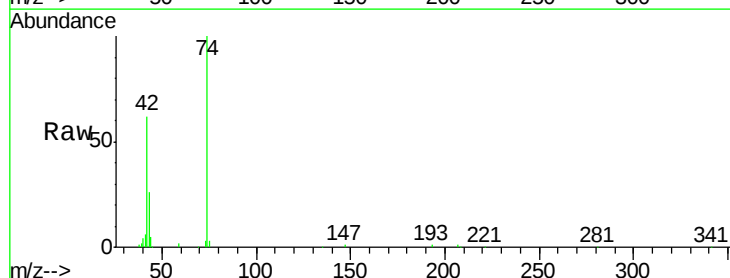
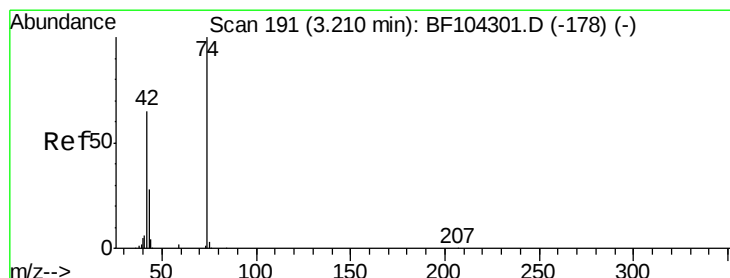
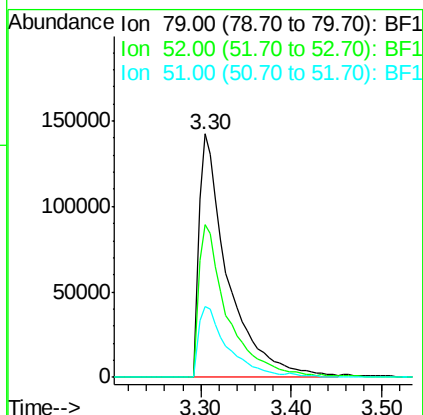


#3
Pvridine
Concen: 27.376 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.05 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Tot Ion: 79 Resp: 314572

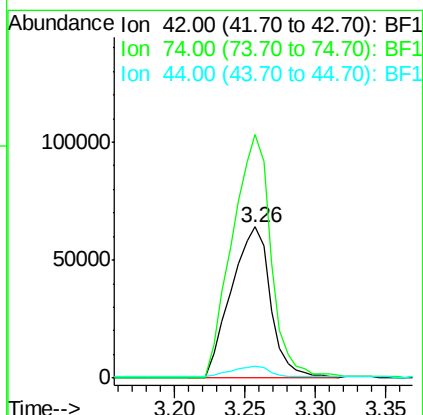
Ion	Ratio	Lower	Upper
79	100		
52	62.5	59.8	89.6
51	29.3	29.8	44.8#



#4
n-Nitrosodimethylamine
Concen: 31.093 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.03 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion: 42 Resp: 124890

Ion	Ratio	Lower	Upper
42	100		
74	161.1	104.9	157.3#
44	7.6	6.9	10.3

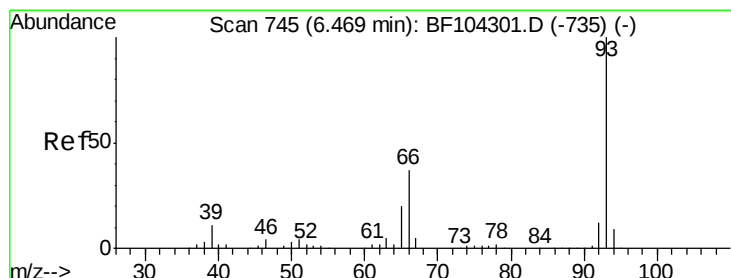
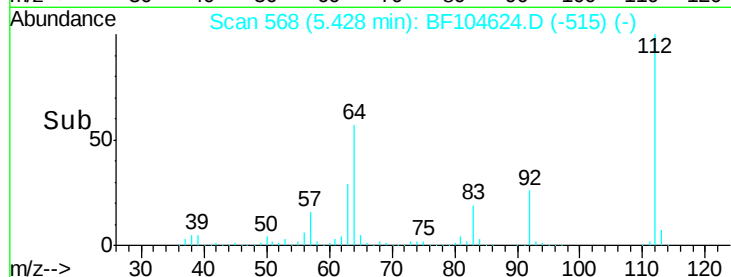
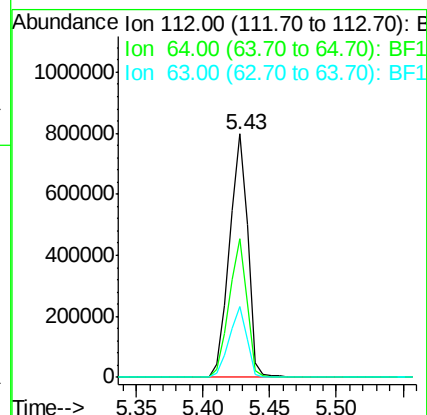
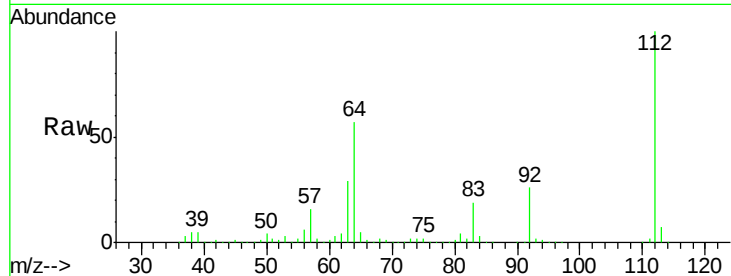




#5
 2-Fluorophenol
 Concen: 88.775 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104624.D
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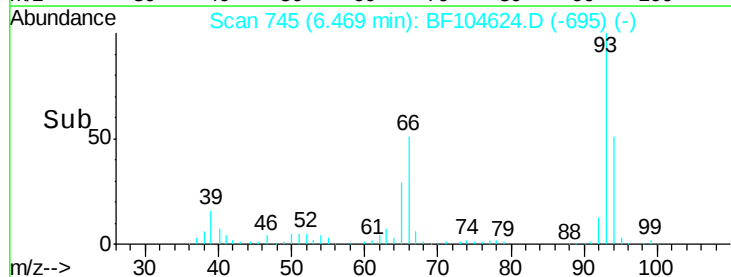
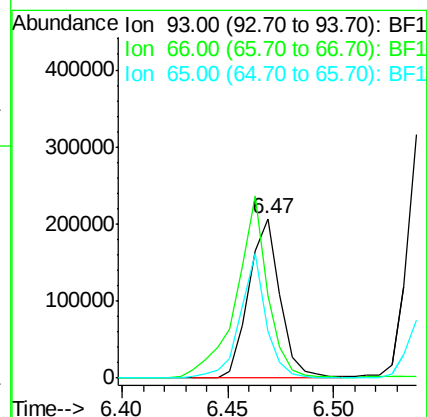
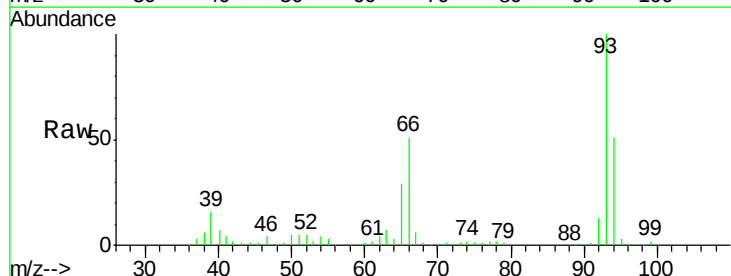
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	28.9	23.7	35.5



#6
 Aniline
 Concen: 14.294 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion	Ratio	Lower	Upper
93	100		
66	51.3	32.2	48.2#
65	29.5	16.4	24.6#





#7

Phenol-d6

Concen: 87.754 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

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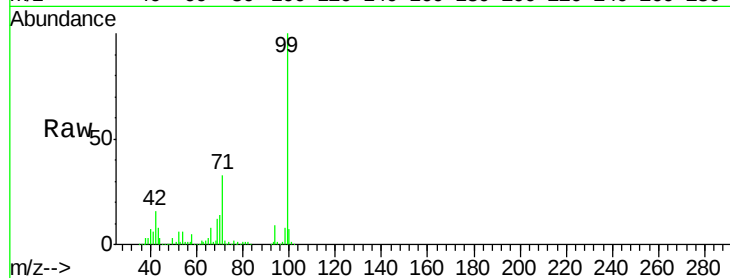
Tot Ion: 99 Resp: 945701

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

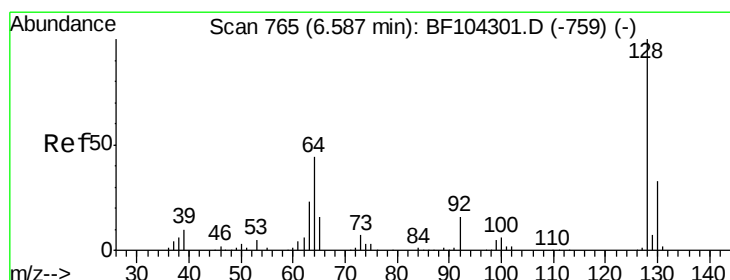
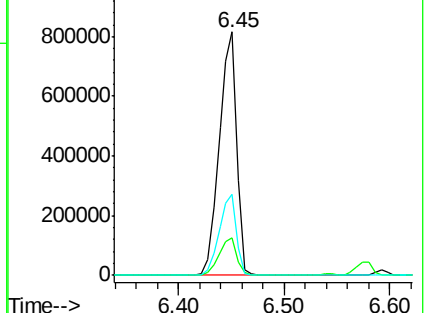
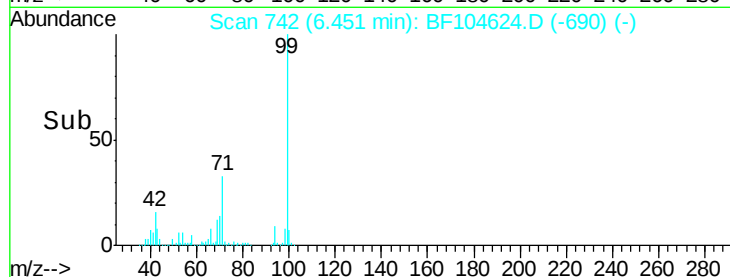
71 33.2 25.4 38.0



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: 32.640 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104624.D

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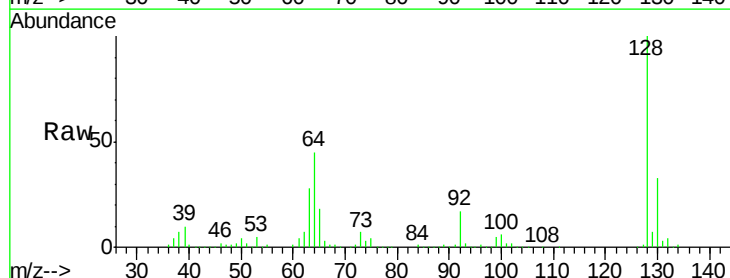
Tgt Ion: 128 Resp: 302170

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

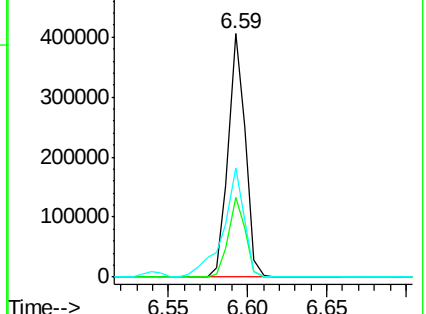
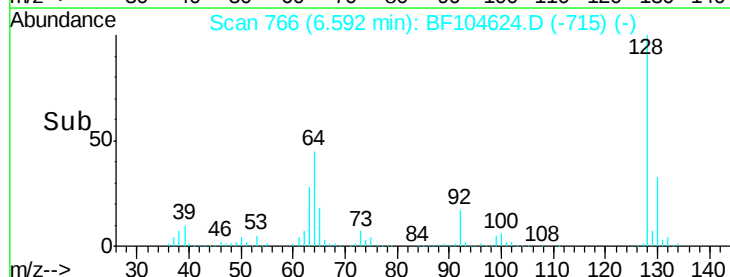
64 44.9 29.4 69.4



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: 29.466 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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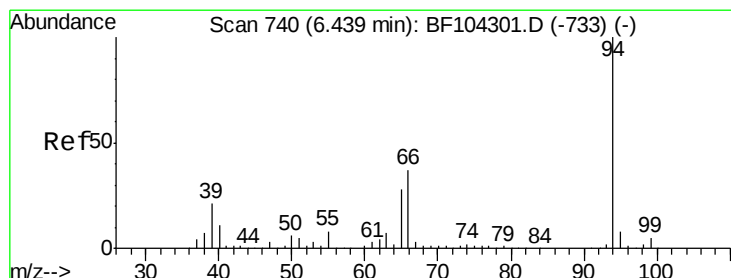
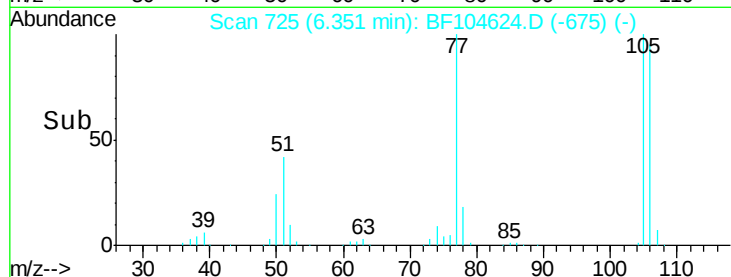
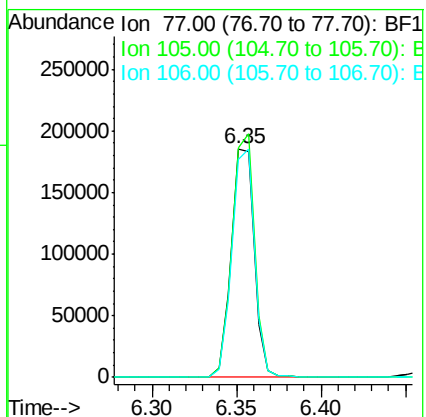
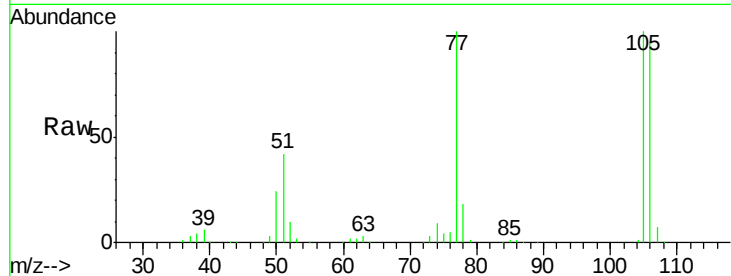
Tot Ion: 77 Resp: 175303

Ion Ratio Lower Upper

77 100

105 100.4 81.1 121.1

106 95.8 74.5 114.5



#10

Phenol

Concen: 32.159 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

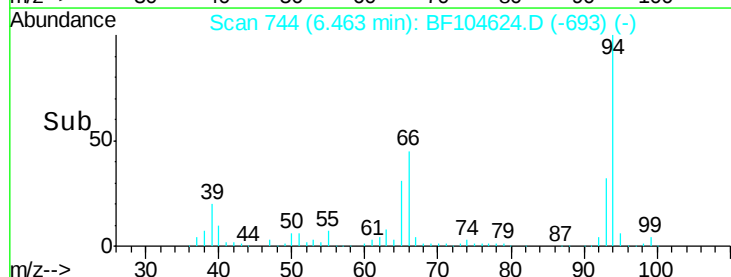
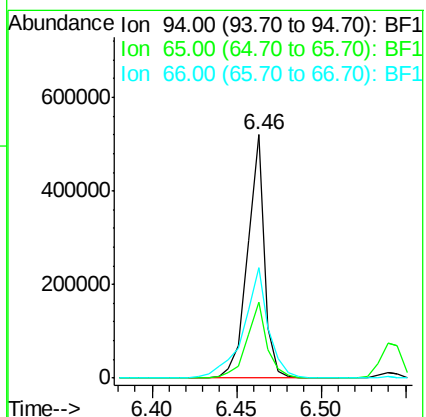
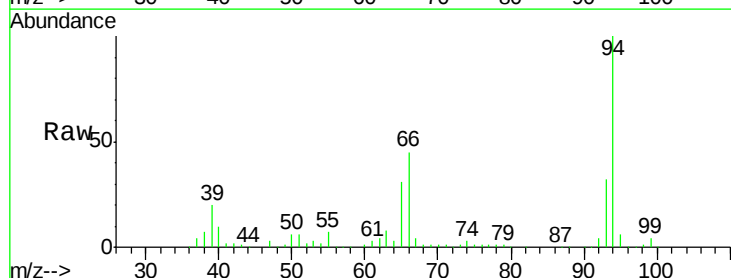
Tgt Ion: 94 Resp: 367722

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

66 45.3 16.2 56.2

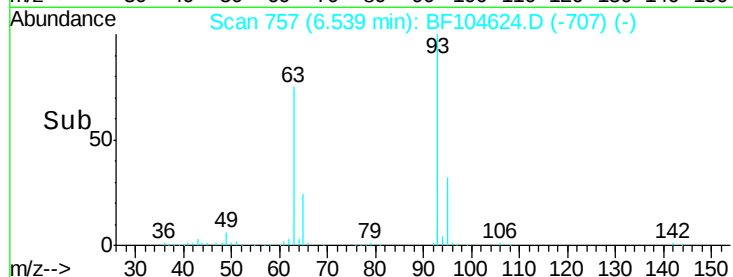
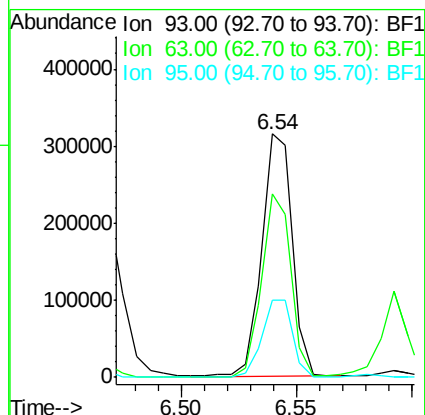
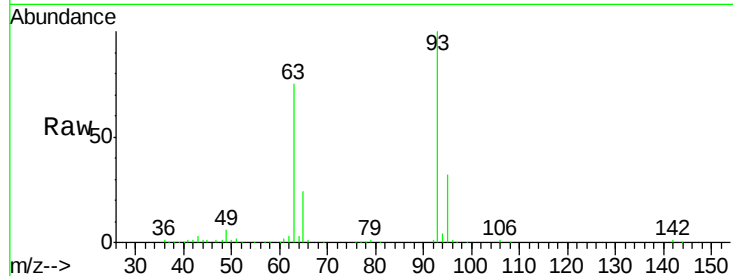




#11
 bis(2-Chloroethyl)ether
 Concen: 31.829 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

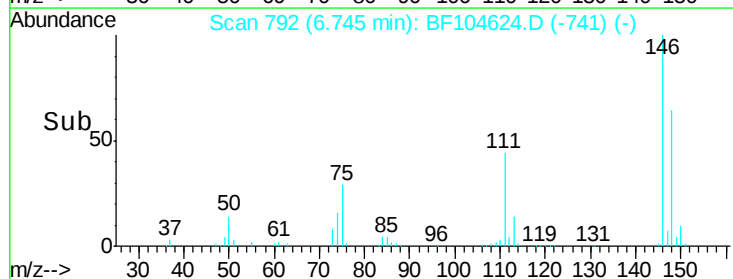
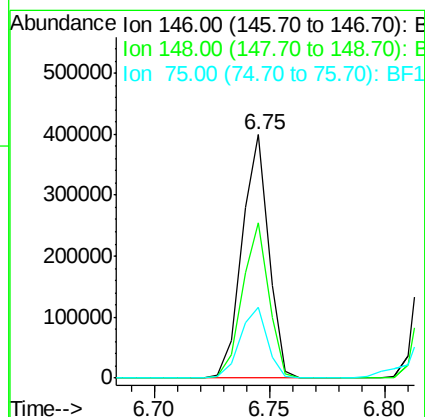
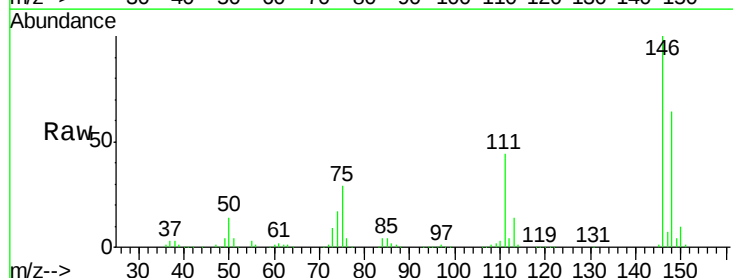
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

Tot Ion	93	Resp	290430
Ion Ratio	Lower	Upper	
93	100		
63	75.2	58.6	98.6
95	32.0	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 30.518 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion	146	Resp	320070
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	29.0	24.2	36.4

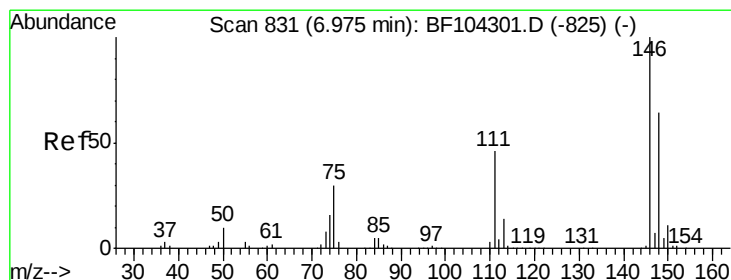
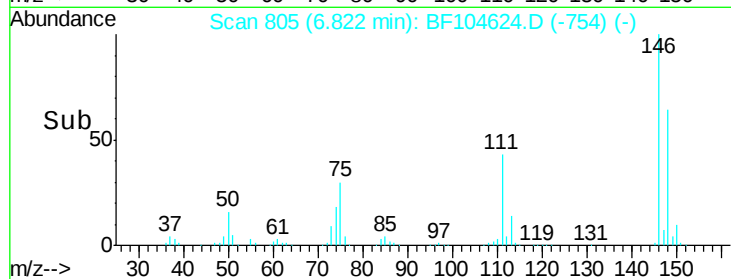
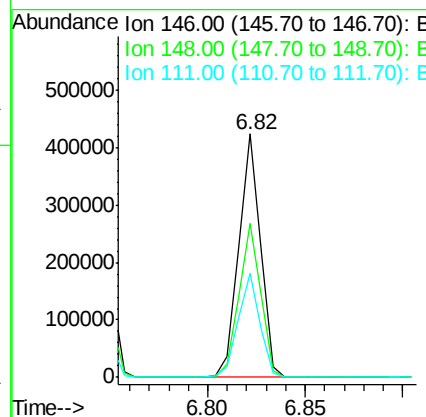
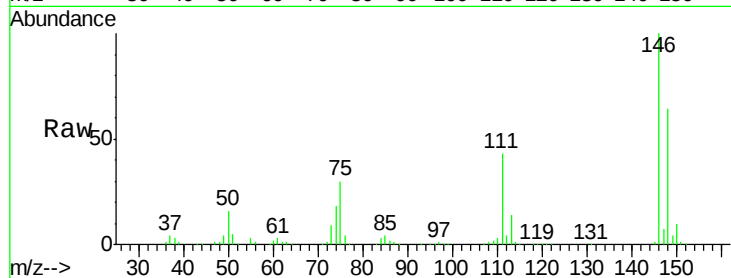




#13
 1,4-Dichlorobenzene
 Concen: 31.117 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

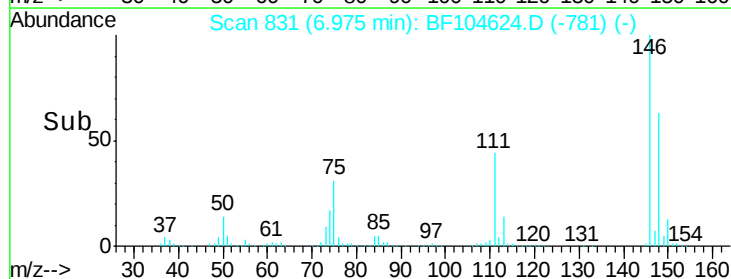
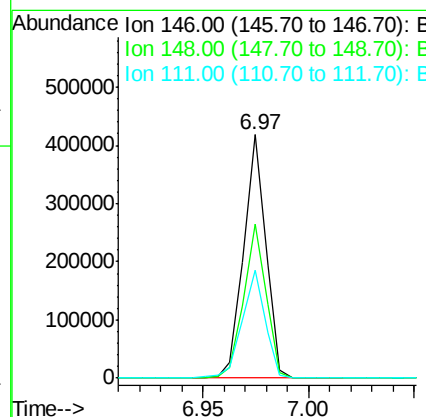
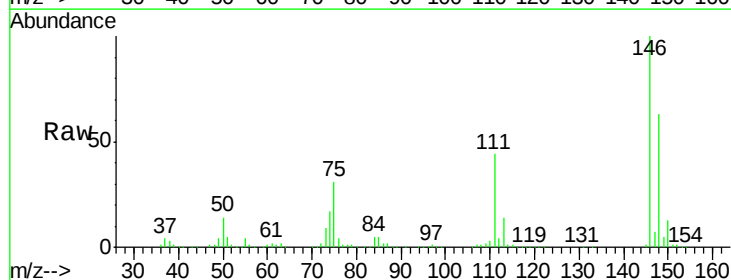
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

Tot Ion:146 Resp: 325315
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 42.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.205 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion:146 Resp: 302319
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 44.3 36.0 54.0

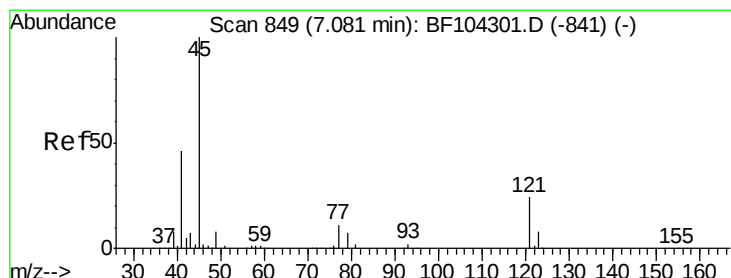
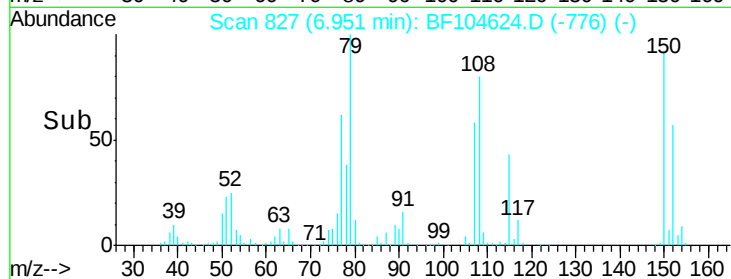
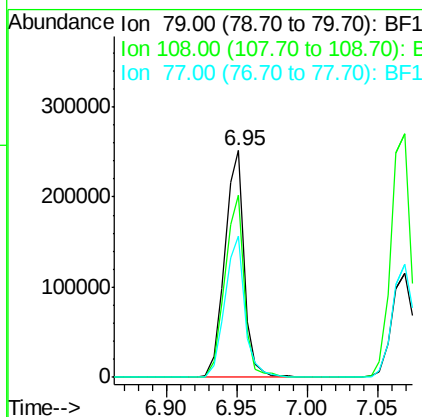
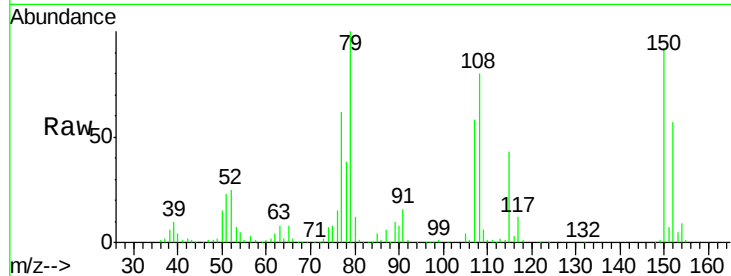




#15
Benzyl Alcohol
Concen: 29.361 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

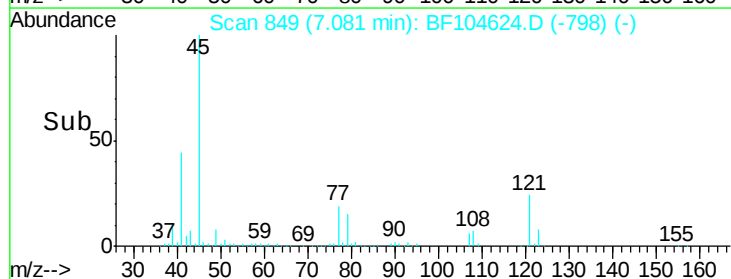
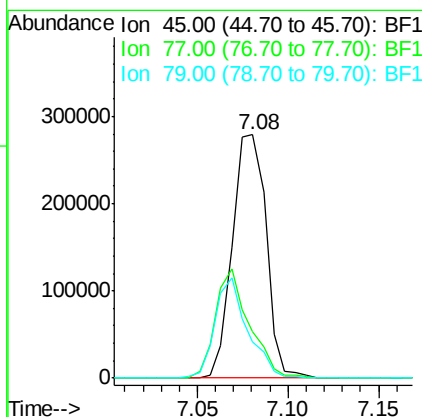
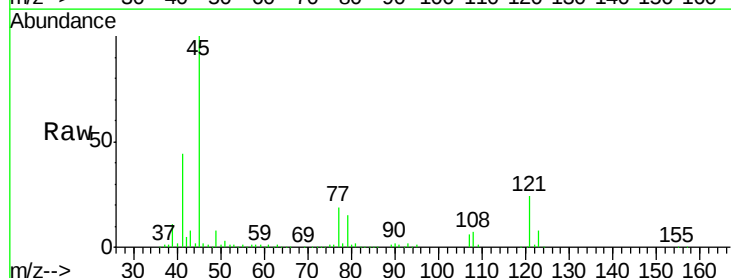
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

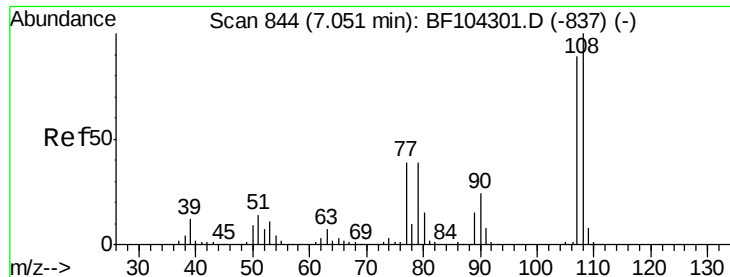
Tot Ion: 79 Resp: 240324
Ion Ratio Lower Upper
79 100
108 80.1 65.1 97.7
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.599 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion: 45 Resp: 362707
Ion Ratio Lower Upper
45 100
77 19.0 0.0 32.9
79 14.9 0.0 29.6





#17

2-Methylphenol

Concen: 30.270 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

Tot Ion:107 Resp: 243587

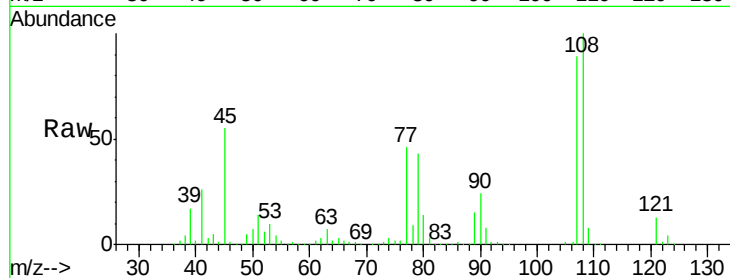
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 52.0 33.8 50.8#

79 47.9 33.8 50.8

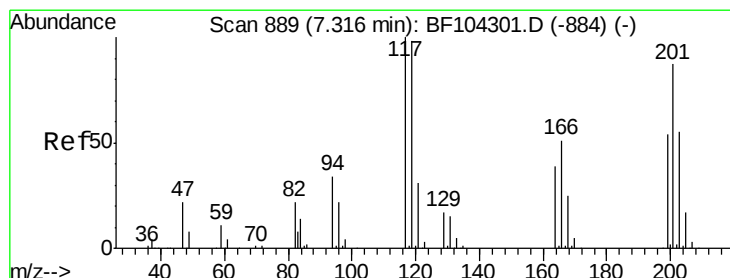
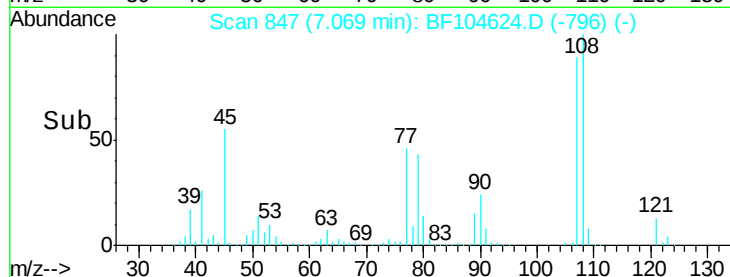
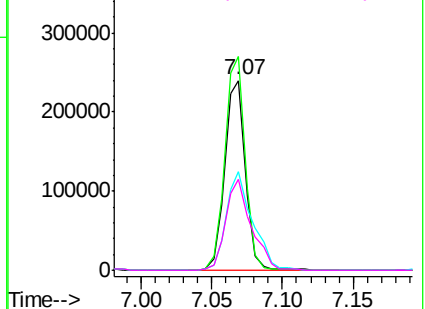


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.312 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

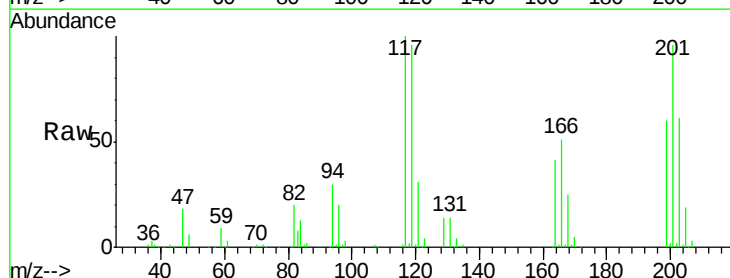
Tgt Ion:117 Resp: 116716

Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.8

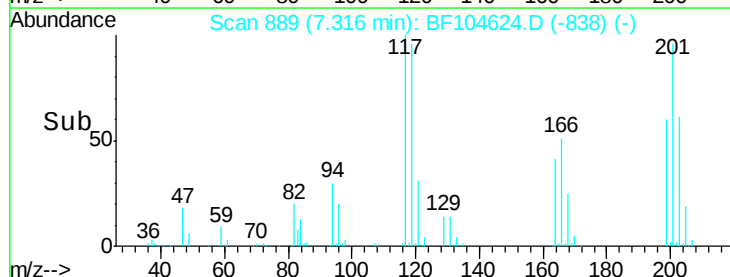
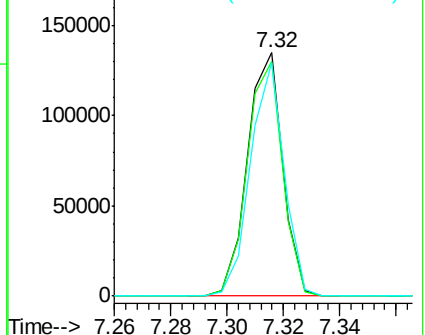
201 95.8 75.7 113.5

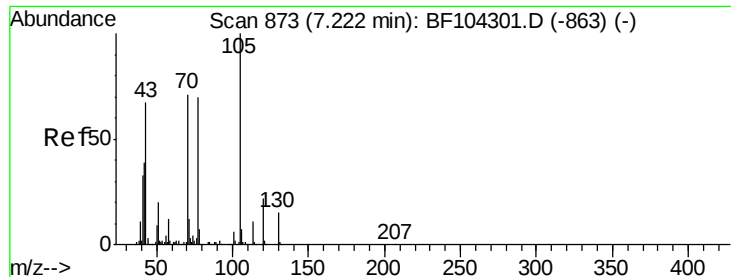


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

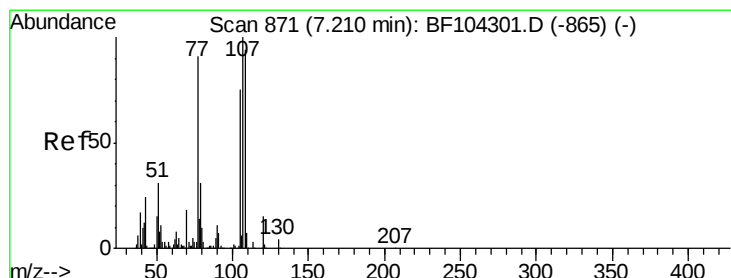
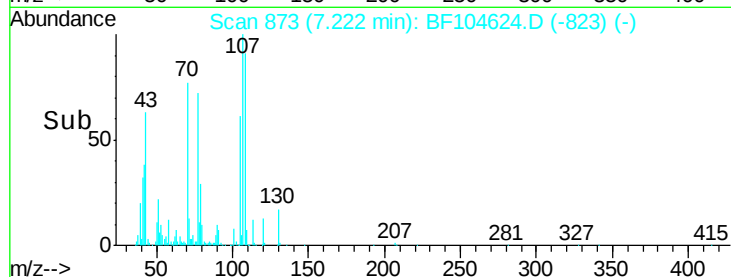
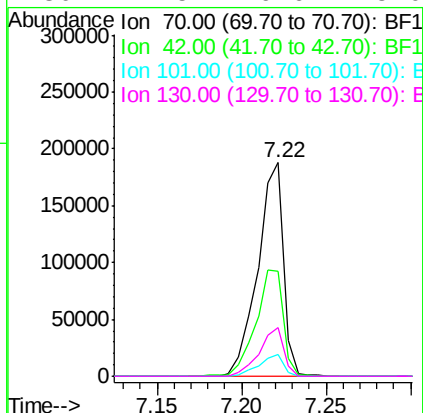
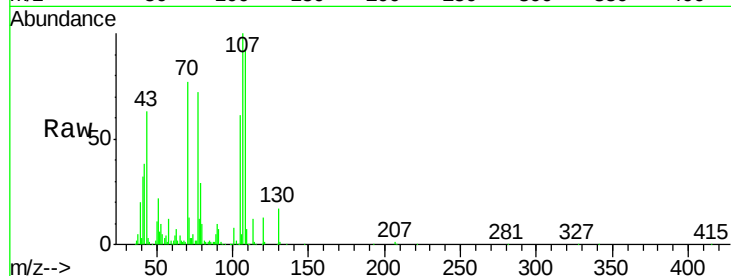




#19
n-Nitroso-di-n-propylamine
Concen: 28.225 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

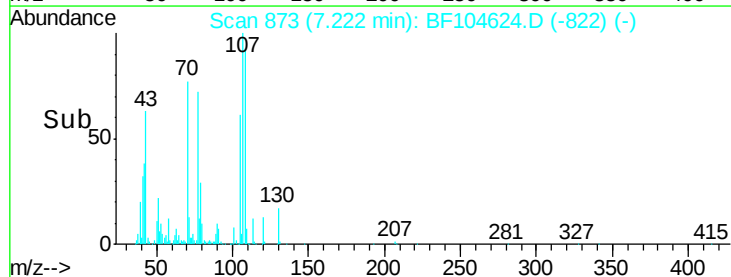
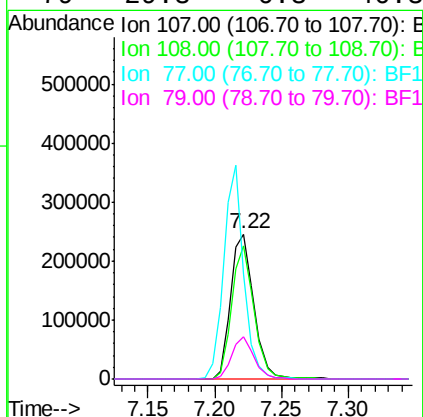
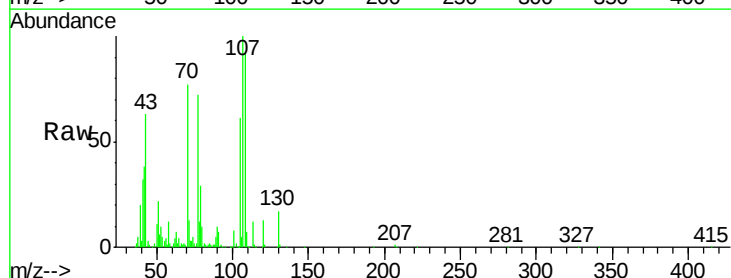
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

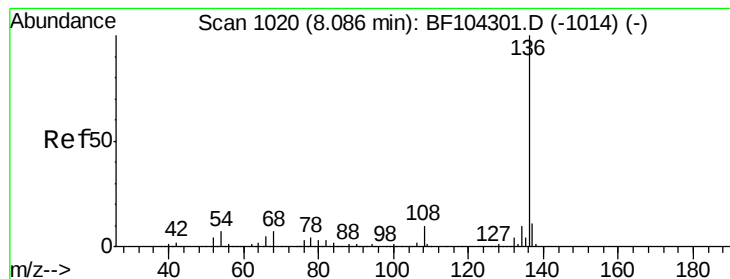
Tot Ion: 70 Resp: 198762
Ion Ratio Lower Upper
70 100
42 49.1 47.5 71.3
101 10.0 7.4 11.2
130 22.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 30.040 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion: 107 Resp: 299814
Ion Ratio Lower Upper
107 100
108 91.7 68.2 108.2
77 72.1 26.7 66.7#
79 29.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

Tot Ion:136 Resp: 542372

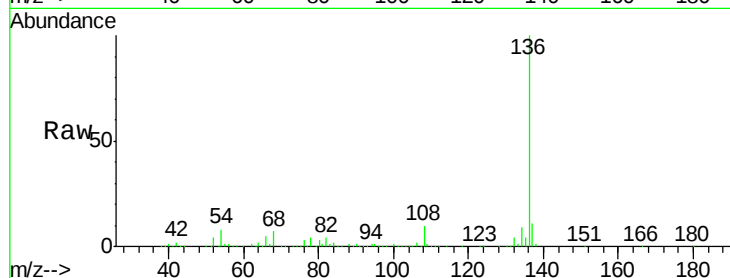
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.6 6.6 9.8

68 6.7 5.0 7.4

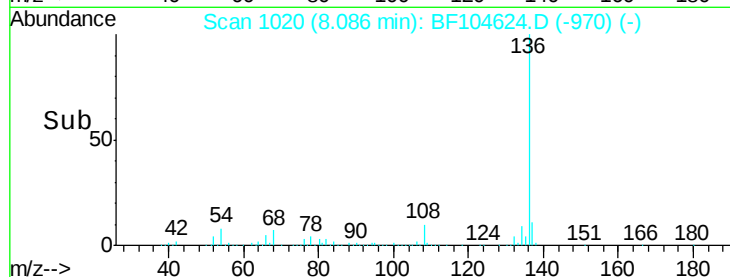


Abundance Ion 136.00 (135.70 to 136.70): E

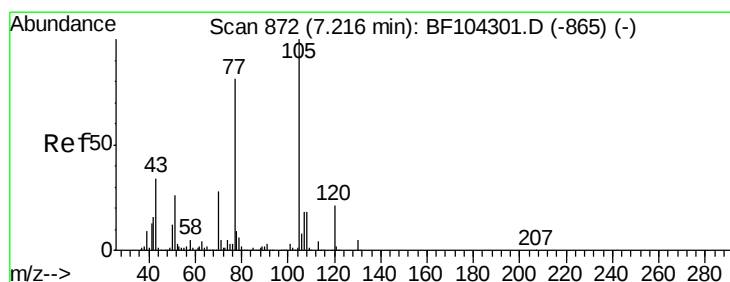
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 30.027 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Tgt Ion:105 Resp: 400947

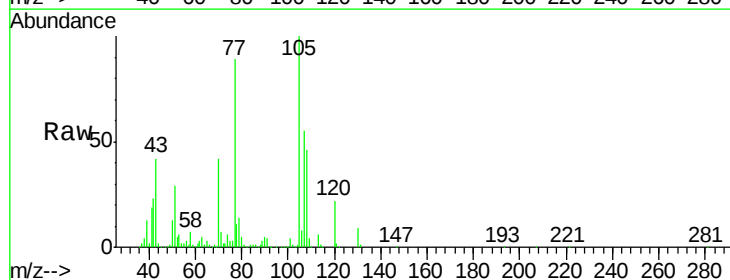
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 28.9 22.3 33.5

120 21.9 16.9 25.3

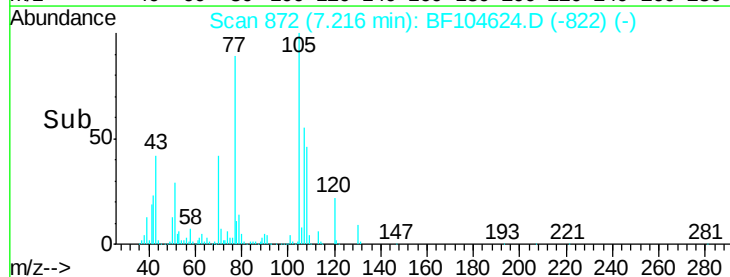


Abundance Ion 105.00 (104.70 to 105.70): E

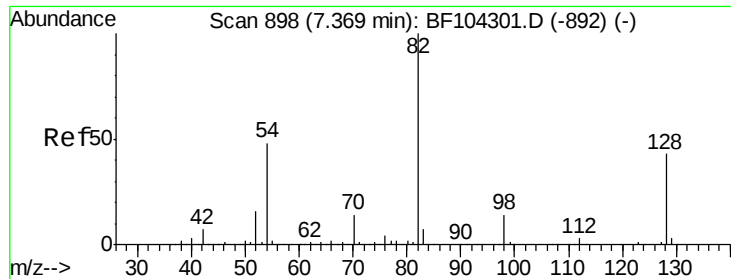
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 73.622 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

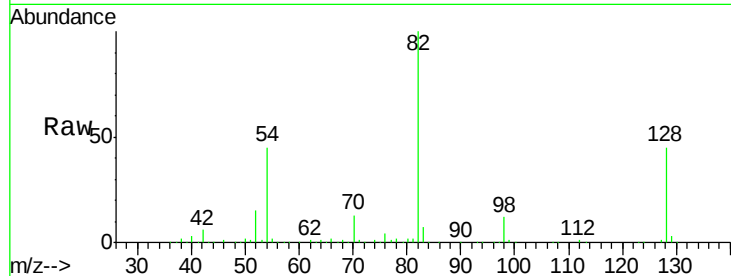
Tot Ion: 82 Resp: 611511

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

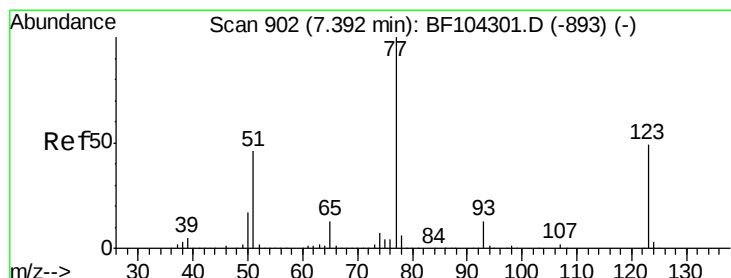
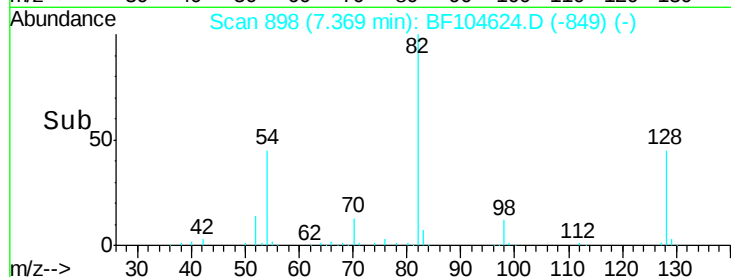
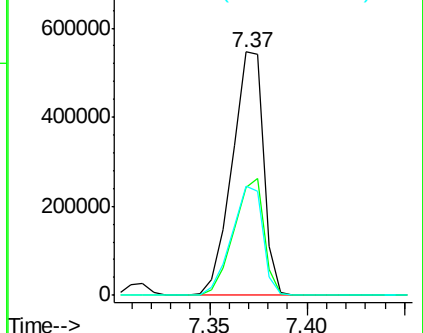
54 44.9 41.4 62.2



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: 33.947 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

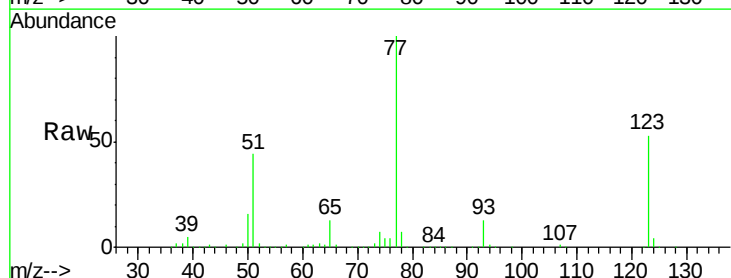
Tgt Ion: 77 Resp: 311311

Ion Ratio Lower Upper

77 100

123 52.6 37.9 56.9

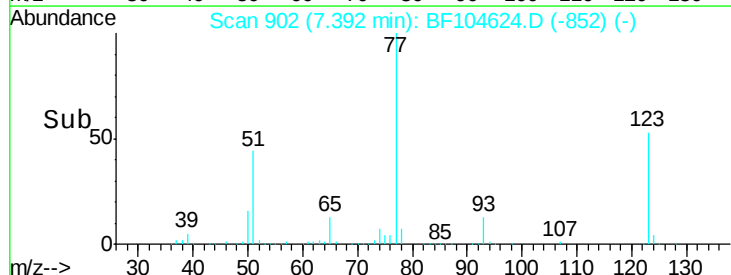
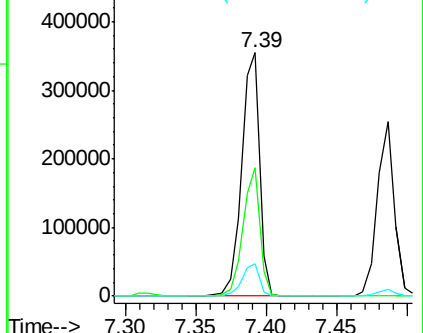
65 13.1 11.0 16.4

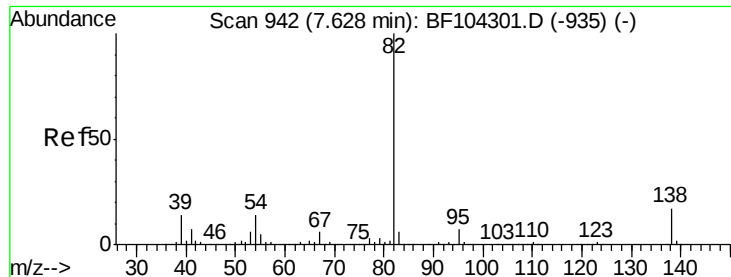


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 32.320 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

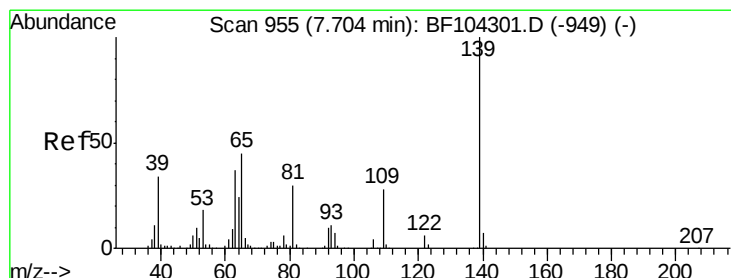
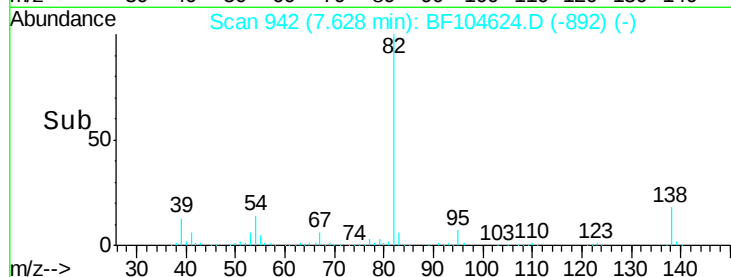
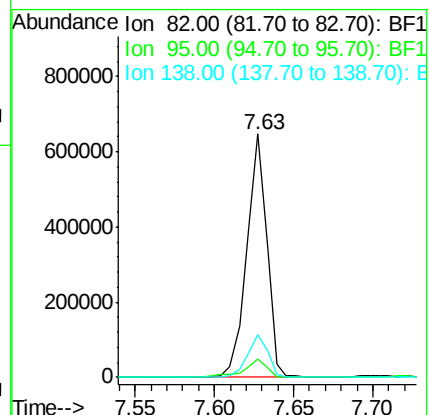
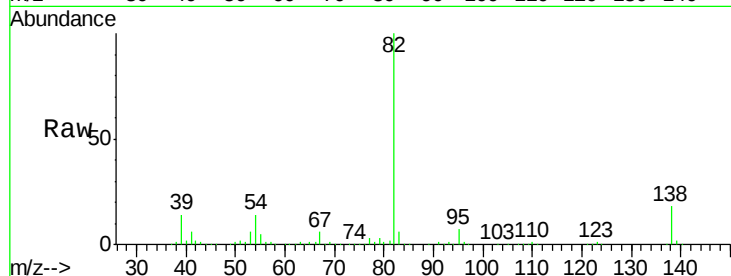
Tot Ion: 82 Resp: 567684

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 43.686 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

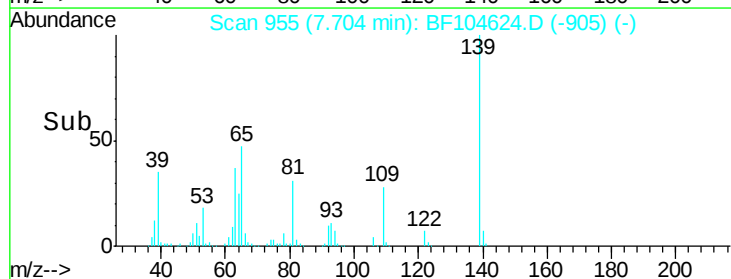
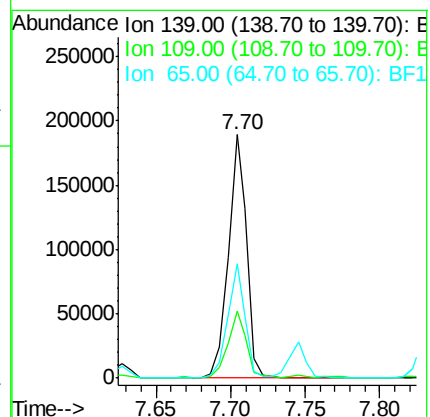
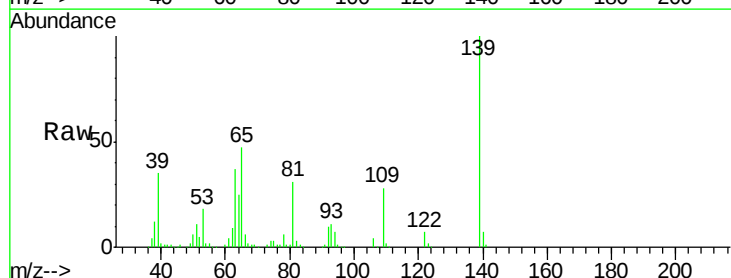
Tgt Ion: 139 Resp: 163095

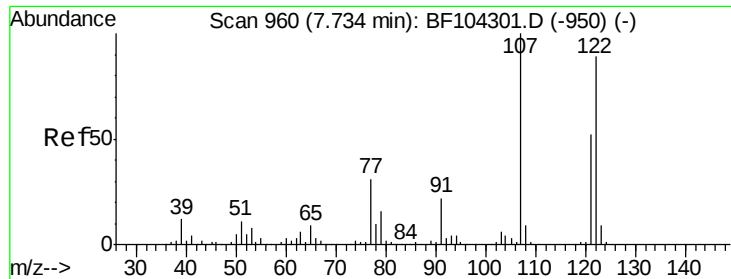
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 47.1 40.5 60.7

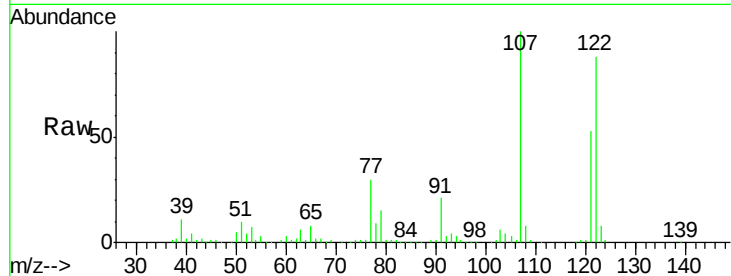




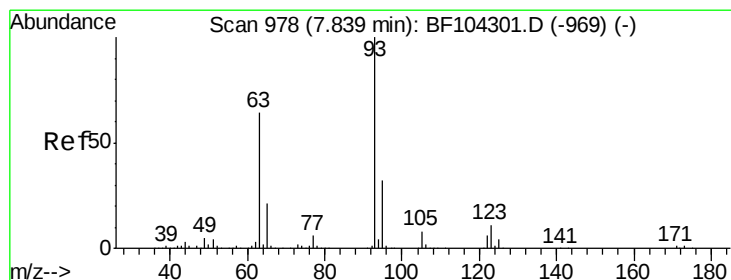
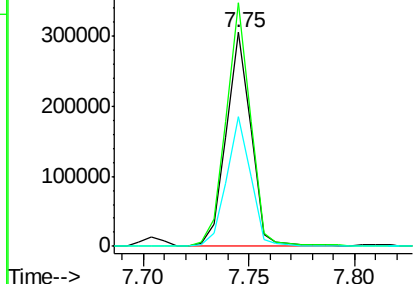
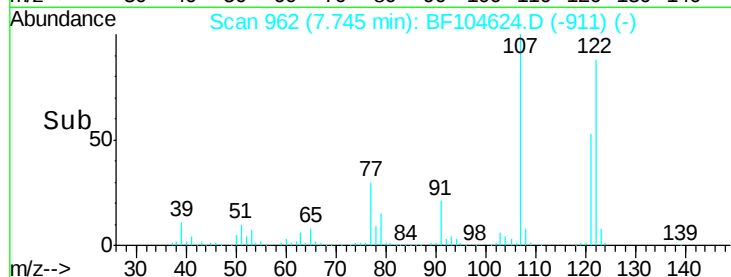
#27
 2,4-Dimethylphenol
 Concen: 31.583 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

Tot Ion:122 Resp: 244820
 Ion Ratio Lower Upper
 122 100
 107 113.8 91.2 136.8
 121 60.3 47.2 70.8

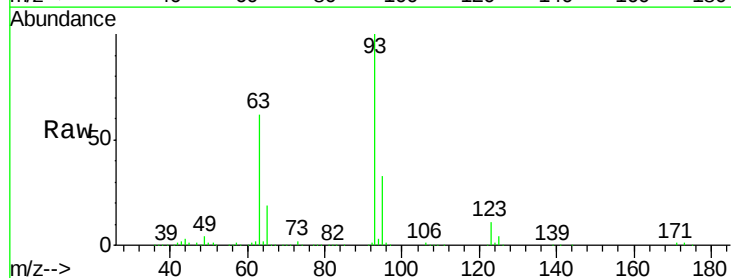


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

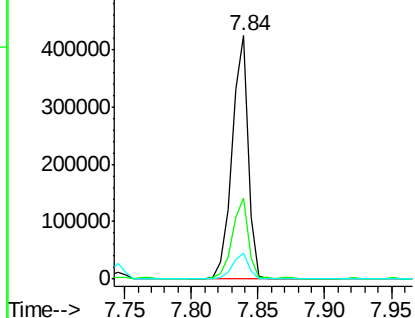
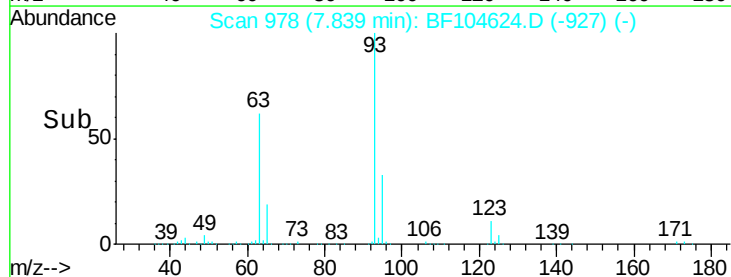


#28
 bis(2-Chloroethoxy)methane
 Concen: 33.992 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion: 93 Resp: 365039
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 10.9 9.8 14.6



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: 32.293 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

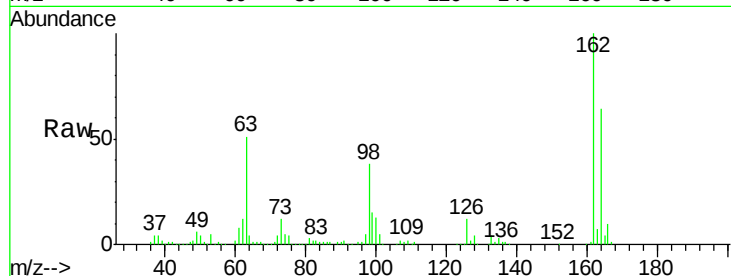
Tot Ion:162 Resp: 238851

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

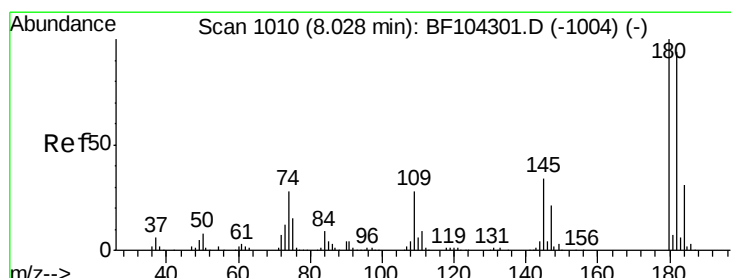
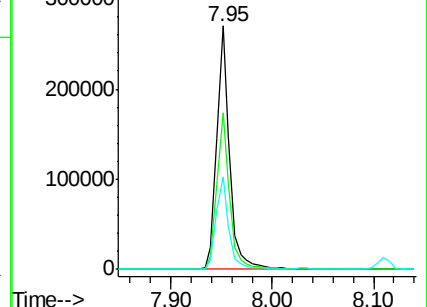
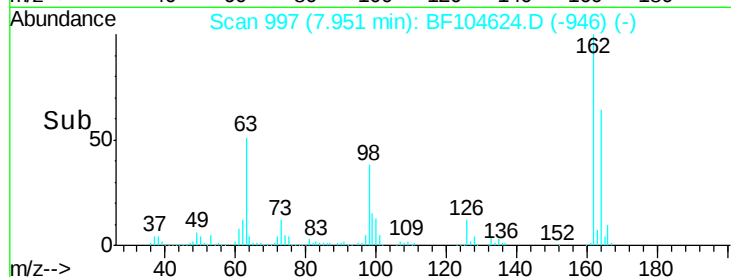
98 38.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 31.040 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

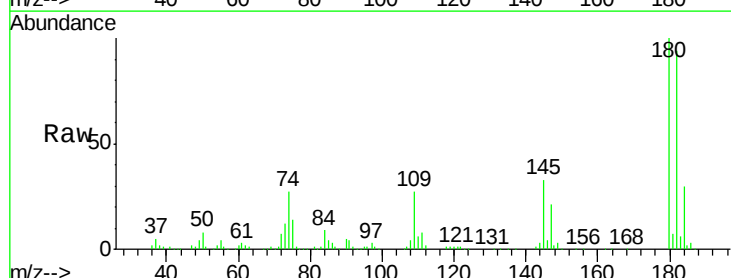
Tgt Ion:180 Resp: 251960

Ion Ratio Lower Upper

180 100

182 94.0 76.8 115.2

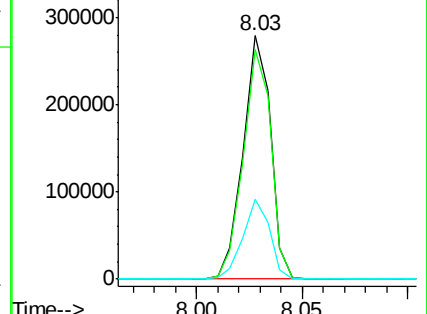
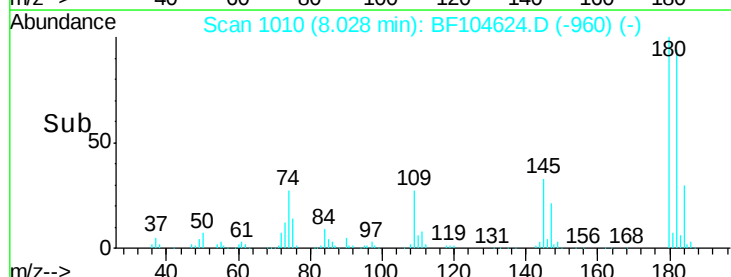
145 32.9 26.5 39.7

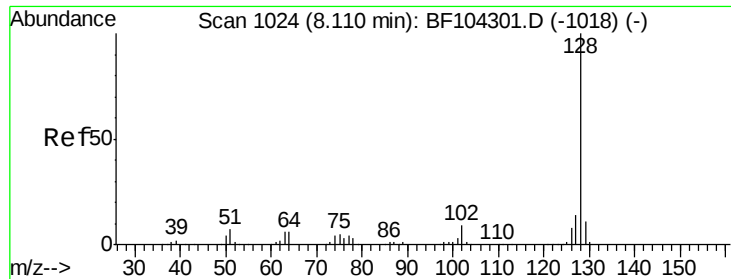


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

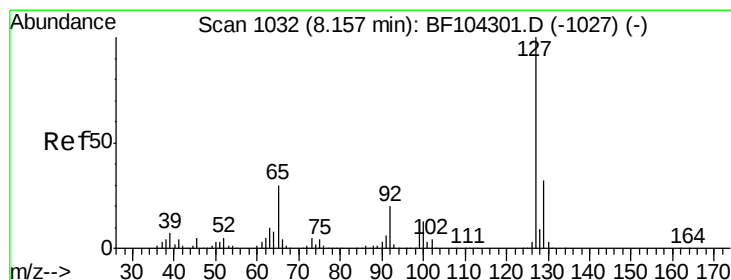
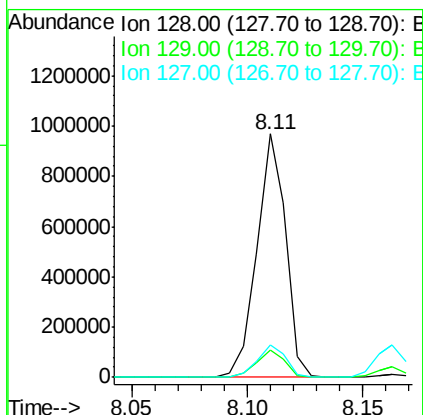
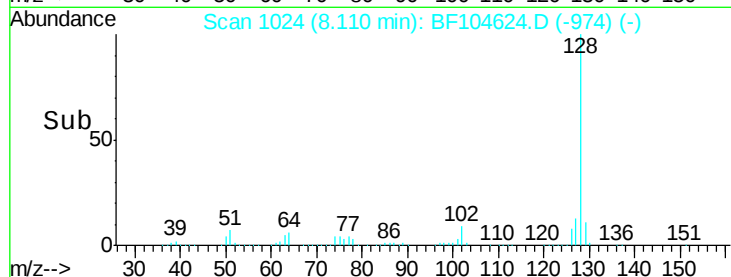
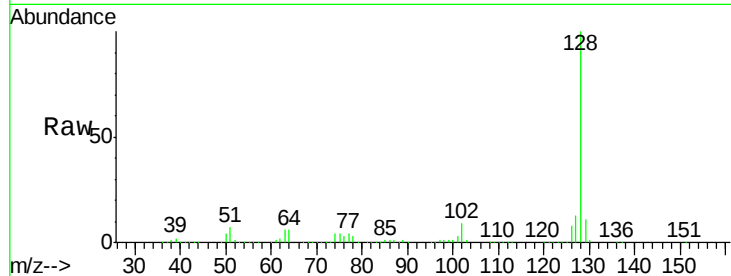




#31
Naphthalene
Concen: 31.236 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

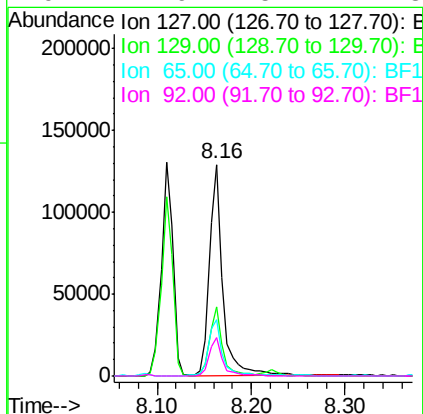
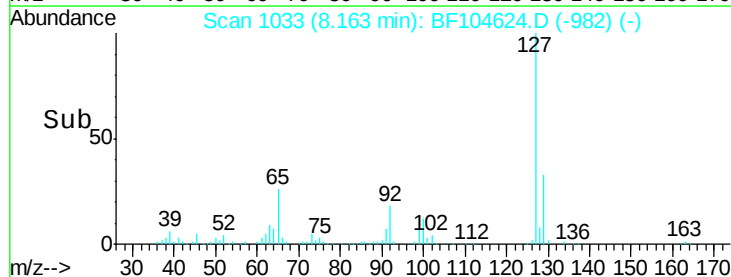
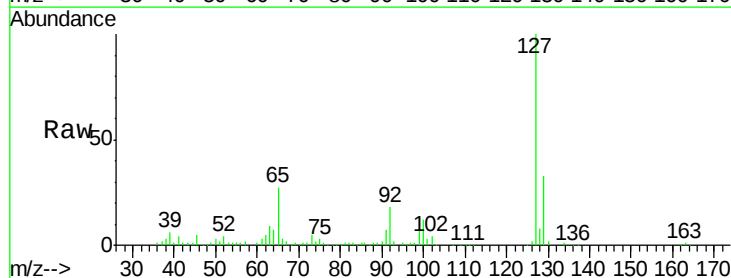
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

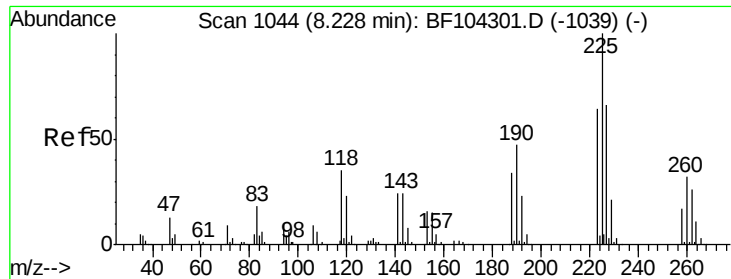
Tot Ion:128 Resp: 843590
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3



#33
4-Chloroaniline
Concen: 11.199 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:127 Resp: 129573
Ion Ratio Lower Upper
127 100
129 32.9 25.9 38.9
65 26.7 25.0 37.4
92 17.9 15.2 22.8

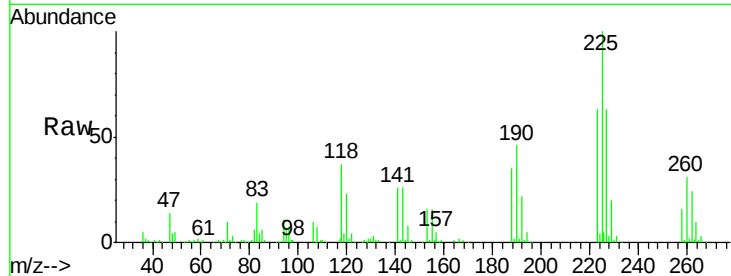




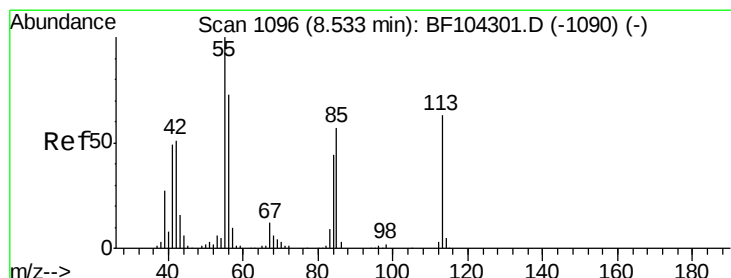
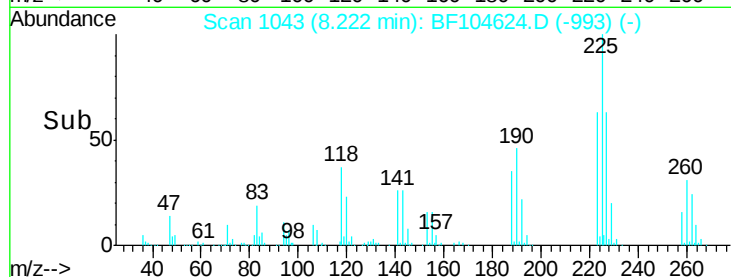
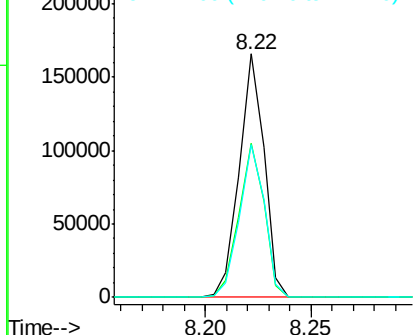
#34
Hexachlorobutadiene
Concen: 30.306 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Tot Ion:225 Resp: 134744
Ion Ratio Lower Upper
225 100
223 63.5 50.6 76.0
227 62.8 51.9 77.9

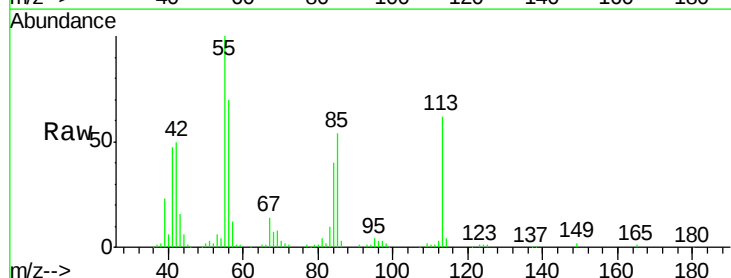


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

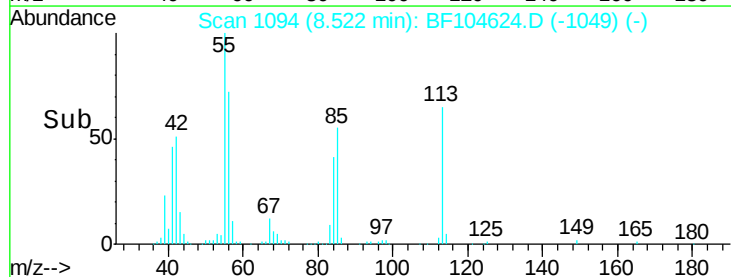
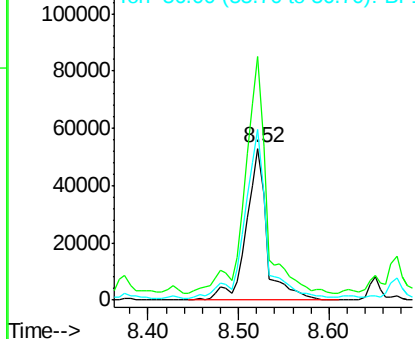


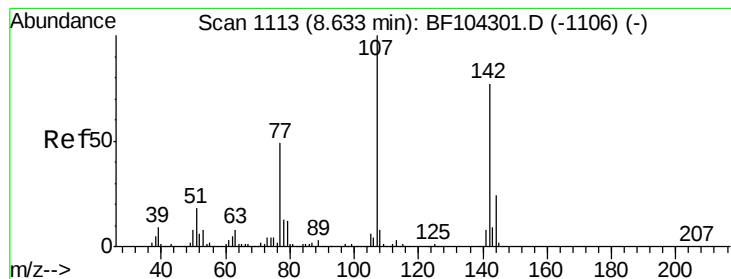
#35
Caprolactam
Concen: 31.978 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:113 Resp: 82510
Ion Ratio Lower Upper
113 100
55 160.5 163.3 203.3#
56 112.9 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





#36

4-Chloro-3-methylphenol

Concen: 29.856 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

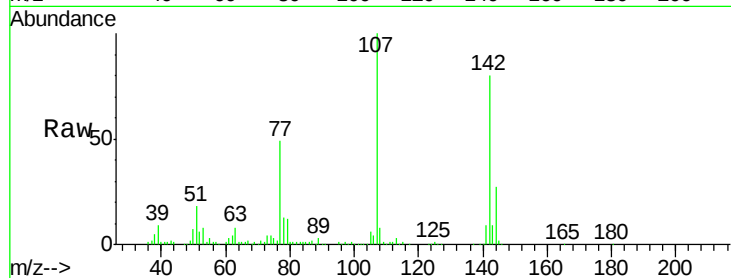
Tot Ion:107 Resp: 236779

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

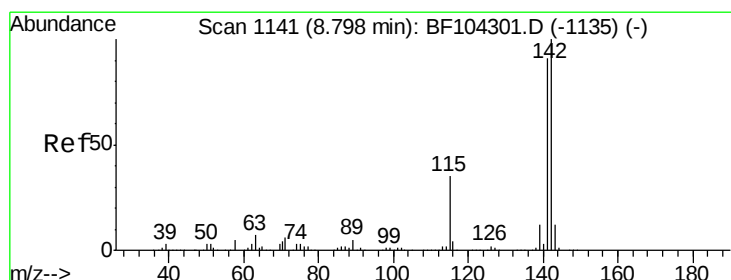
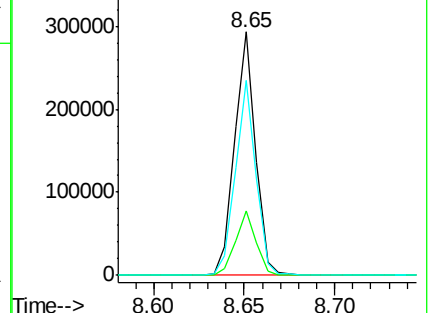
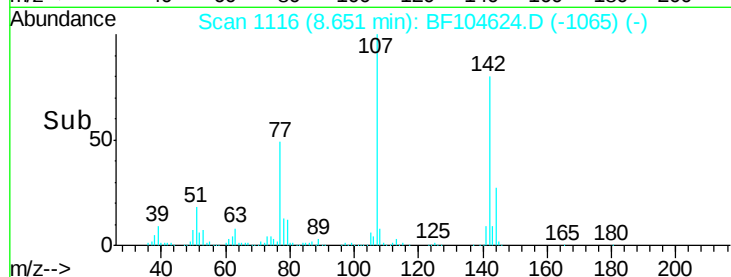
142 80.2 62.0 93.0



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: 31.496 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

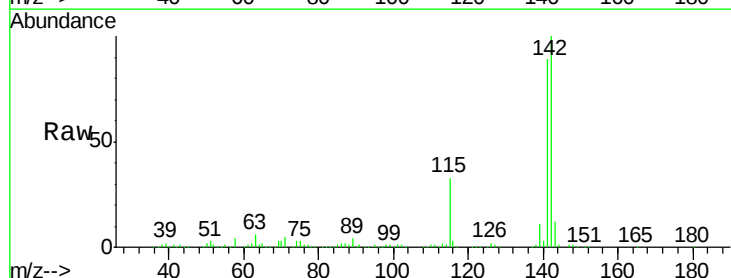
Tgt Ion:142 Resp: 550222

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

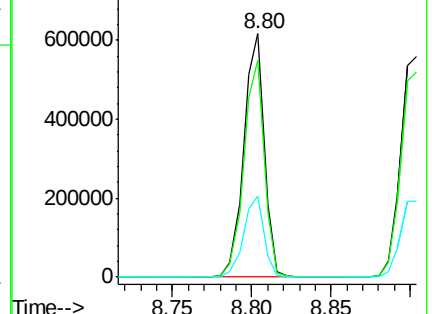
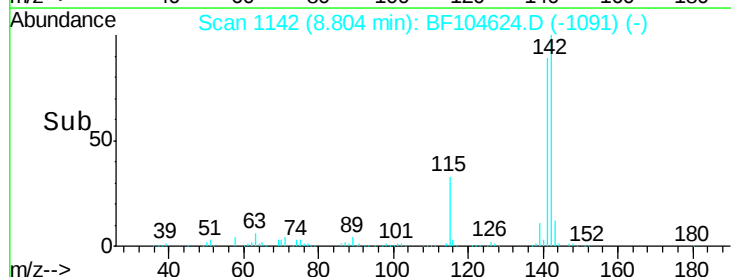
115 33.3 26.1 39.1

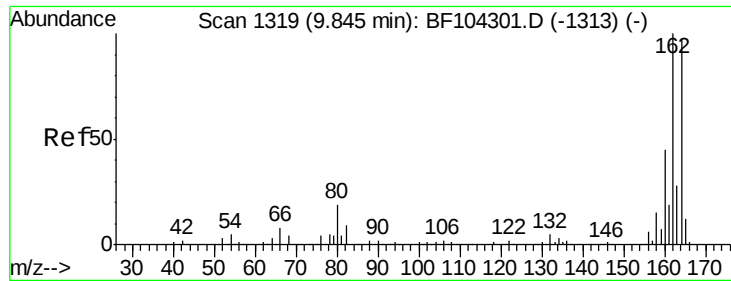


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

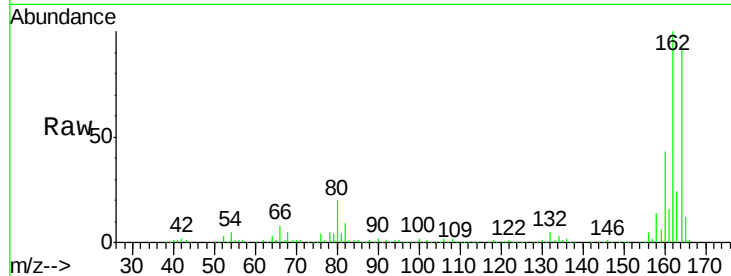
Tot Ion:164 Resp: 235192

Ion Ratio Lower Upper

164 100

162 107.7 86.1 129.1

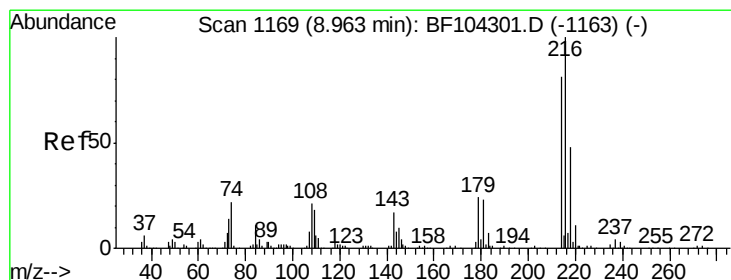
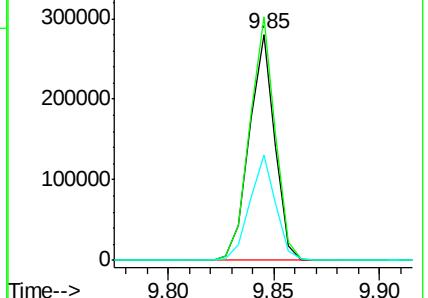
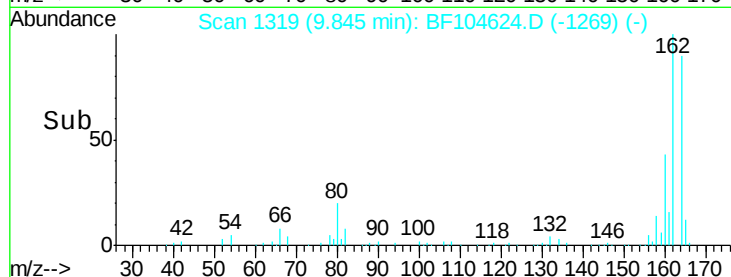
160 46.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.390 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Tgt Ion:216 Resp: 231534

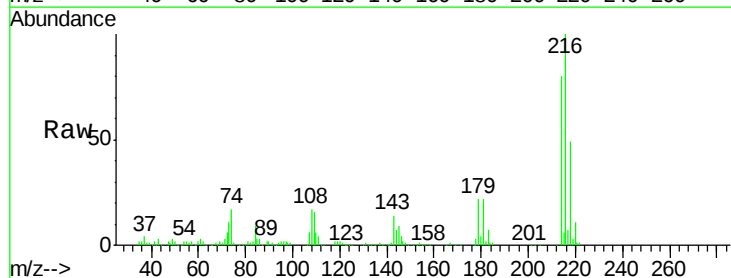
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.2 18.1 27.1

108 21.9 17.2 25.8

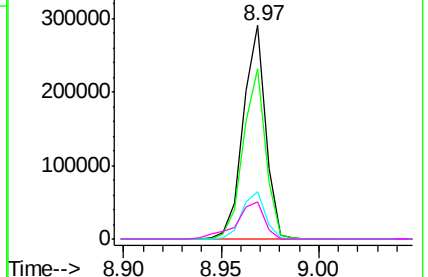
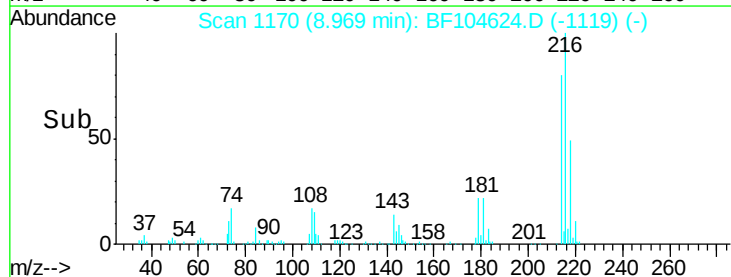


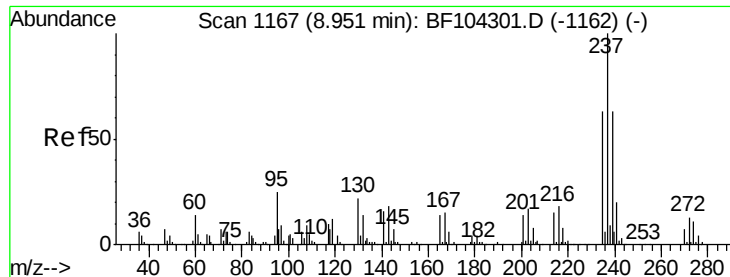
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

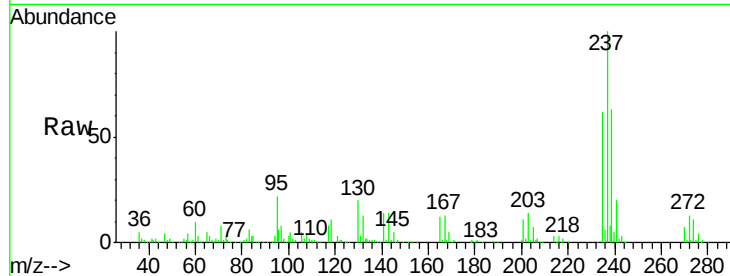




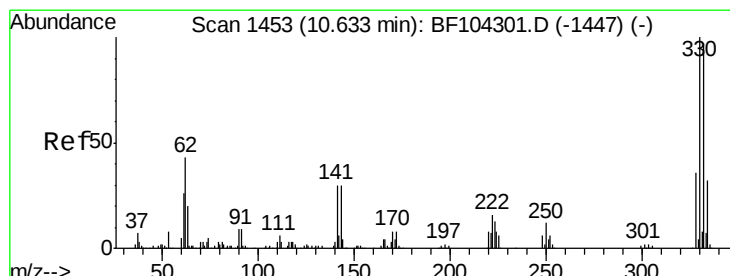
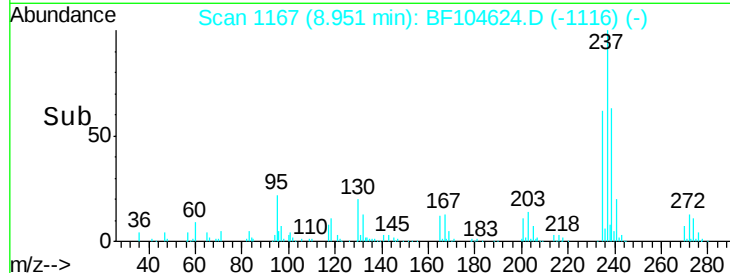
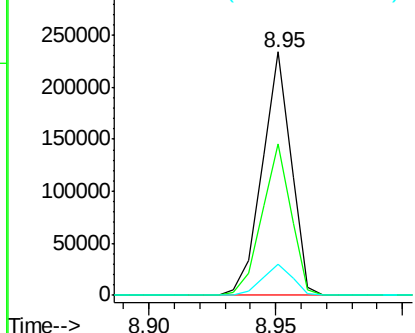
#40
Hexachlorocyclopentadiene
Concen: 49.686 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Tot Ion:237 Resp: 187272
Ion Ratio Lower Upper
237 100
235 62.5 44.8 84.8
272 13.0 0.0 33.3

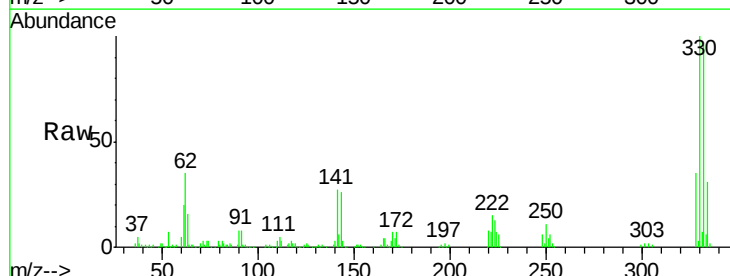


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

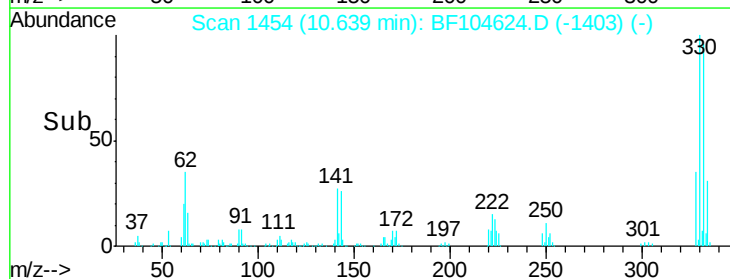
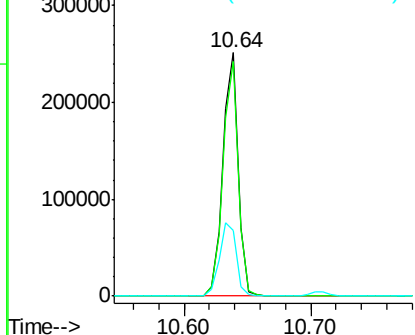


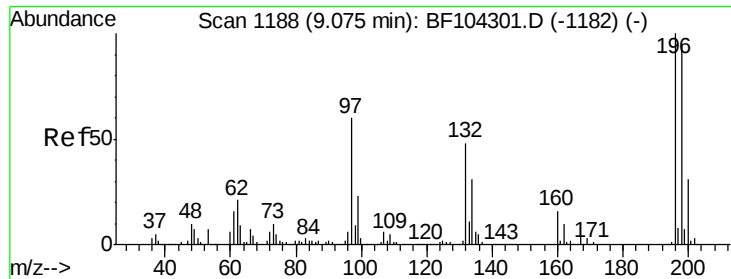
#41
2,4,6-Tribromophenol
Concen: 87.286 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:330 Resp: 212952
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 33.3 29.9 44.9



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

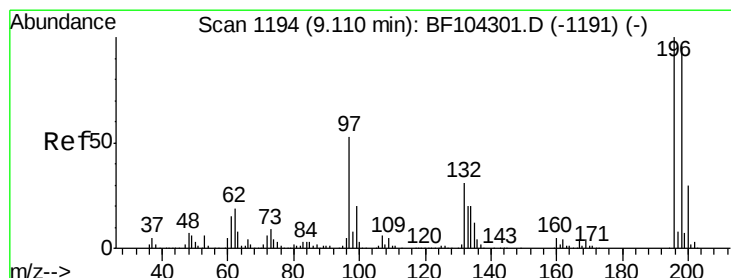
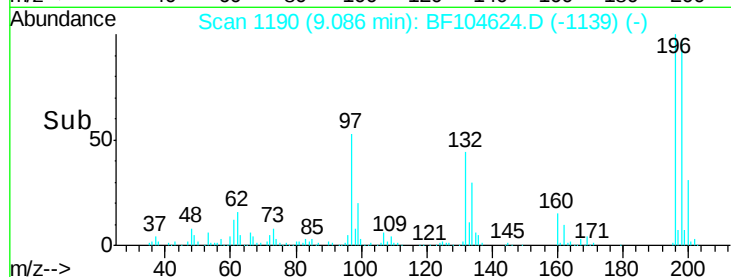
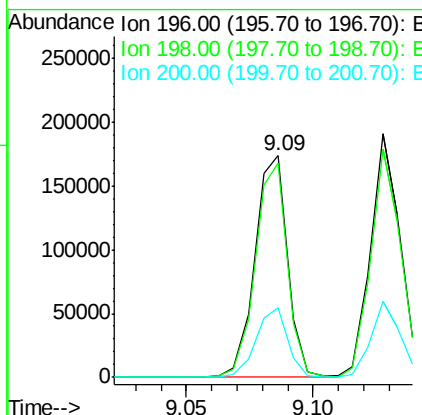
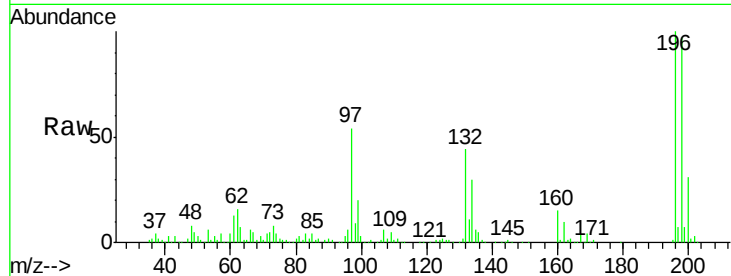




#42
 2,4,6-Trichlorophenol
 Concen: 33.535 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

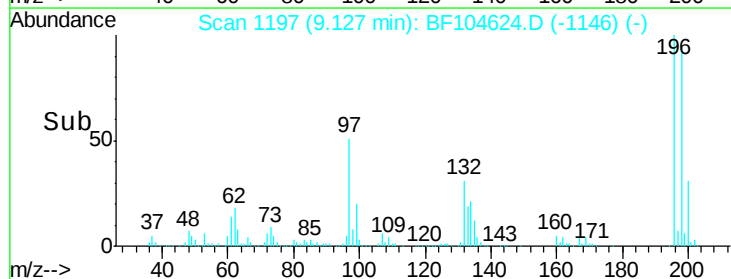
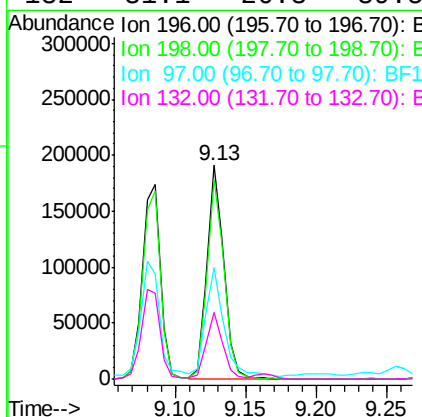
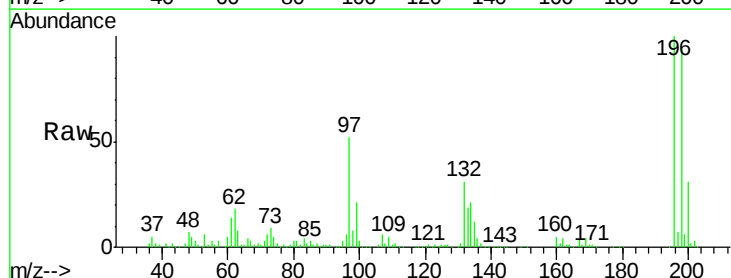
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

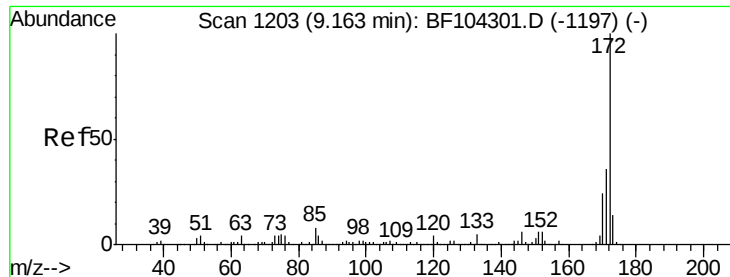
Tot Ion:196	Resp:	156730
Ion	Ratio	Lower Upper
196	100	
198	96.8	75.7 113.5
200	31.2	24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 30.591 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion:196	Resp:	159990
Ion	Ratio	Lower Upper
196	100	
198	93.6	74.6 112.0
97	52.4	42.9 64.3
132	31.1	26.3 39.5

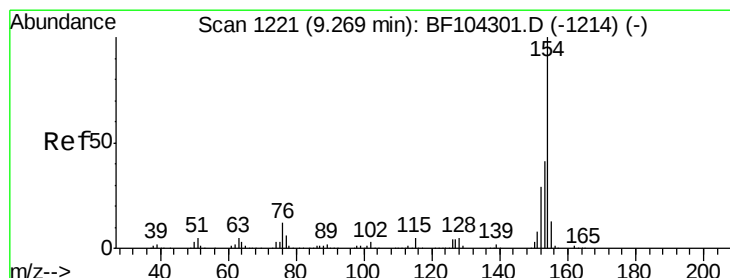
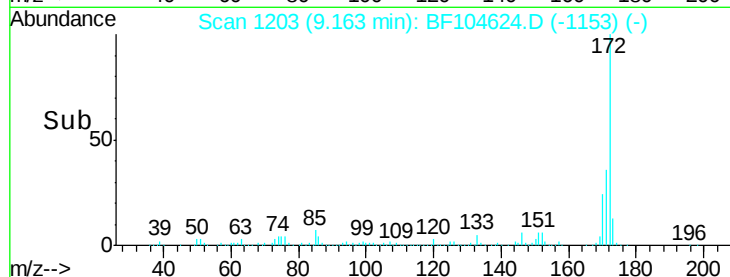
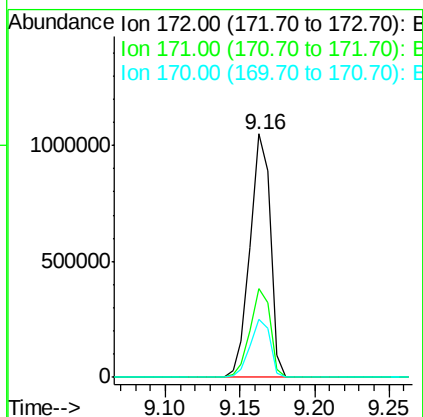
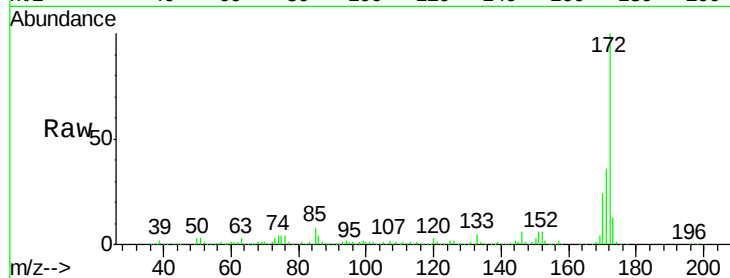




#44
 2-Fluorobiphenyl
 Concen: 66.251 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

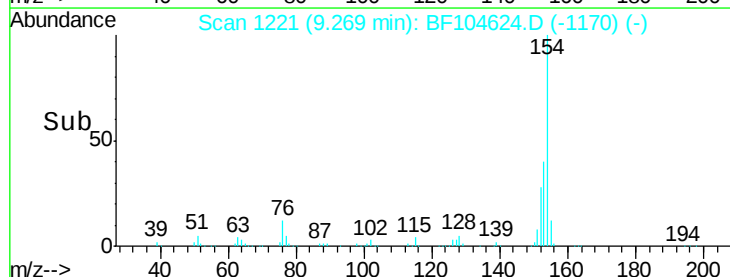
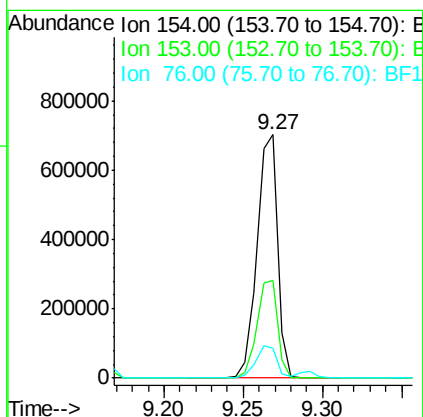
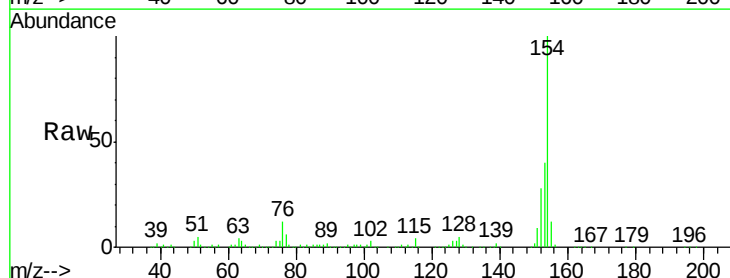
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

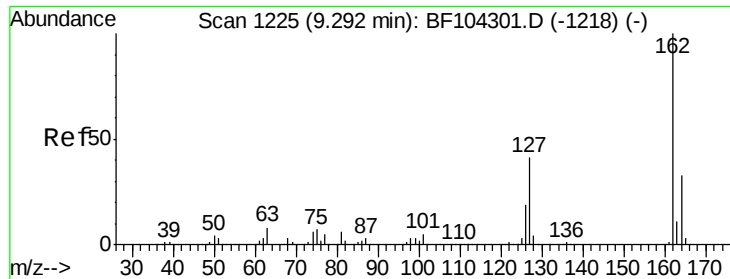
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



#45
 1,1'-Biphenyl
 Concen: 32.129 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	12.0	0.0	34.0

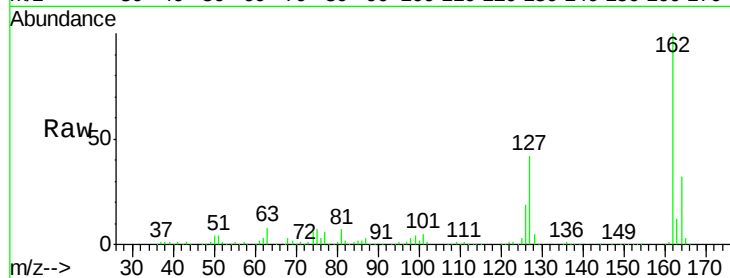




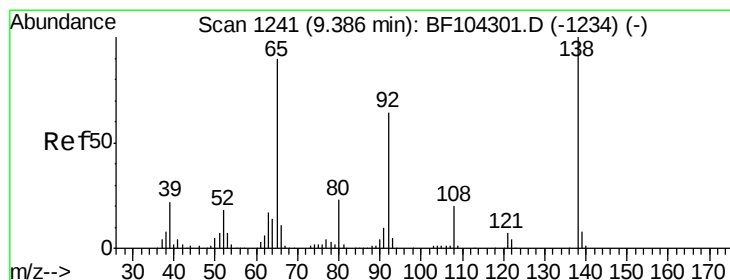
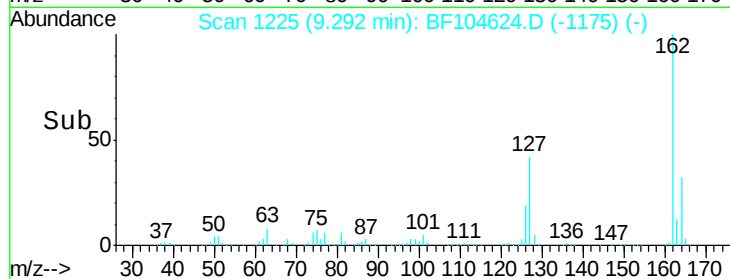
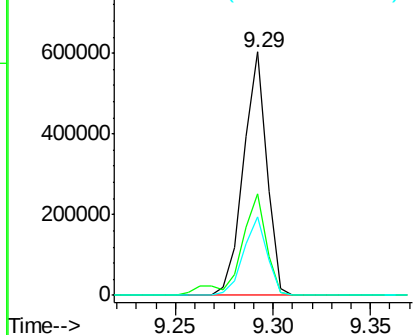
#46
2-Chloronaphthalene
Concen: 31.961 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Tot Ion:162 Resp: 498791
Ion Ratio Lower Upper
162 100
127 41.6 33.9 50.9
164 32.5 26.5 39.7

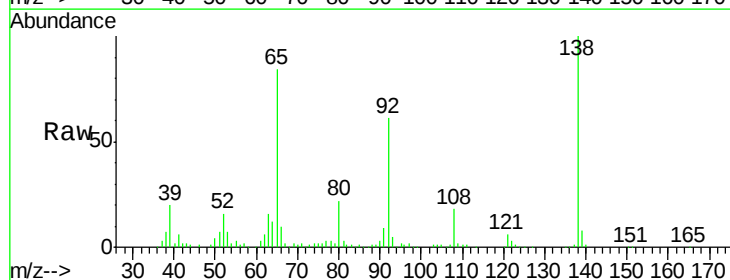


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

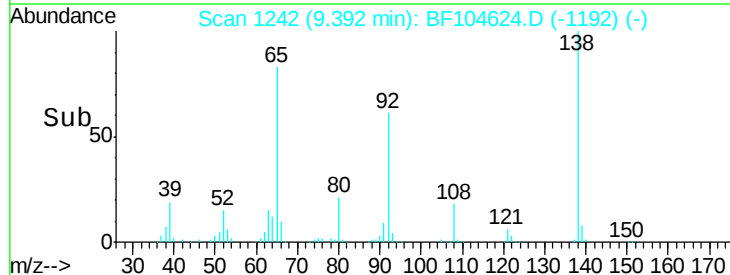
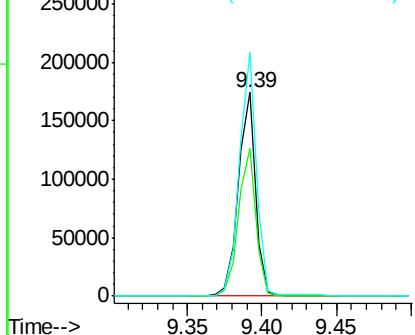


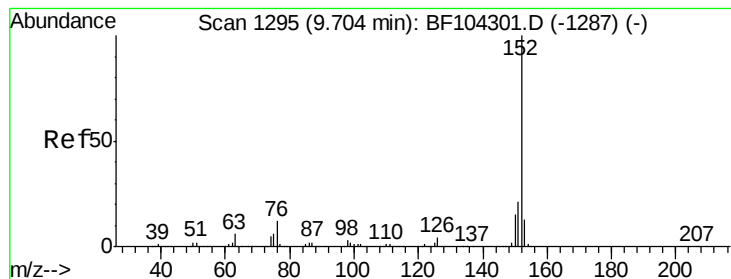
#47
2-Nitroaniline
Concen: 36.993 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion: 65 Resp: 142769
Ion Ratio Lower Upper
65 100
92 72.8 55.8 83.6
138 119.6 91.2 136.8



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





#48

Acenaphthylene

Concen: 30.503 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

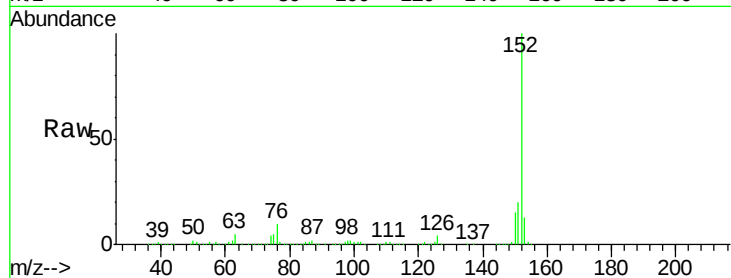
Tot Ion:152 Resp: 746883

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

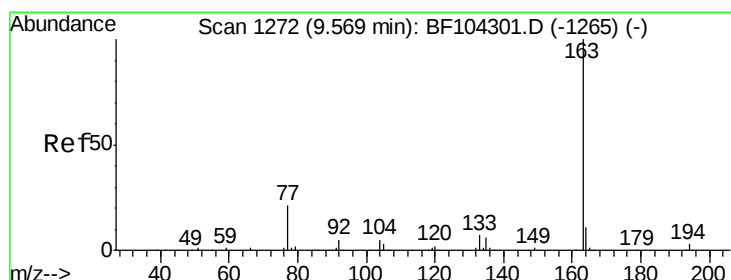
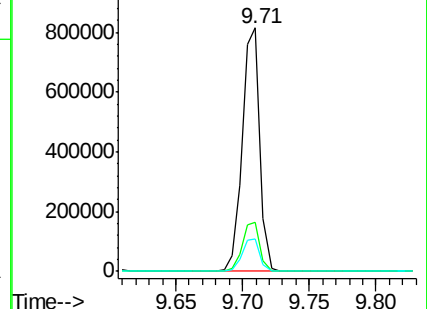
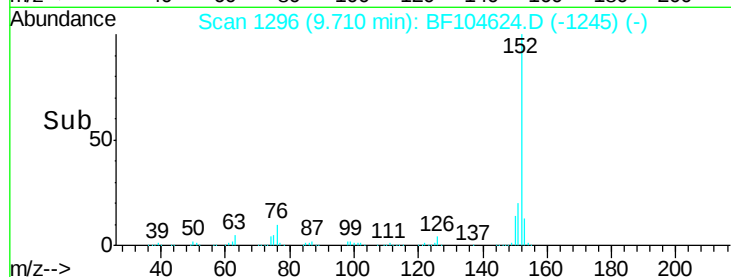
153 13.1 10.7 16.1



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



#49

Dimethylphthalate

Concen: 35.664 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

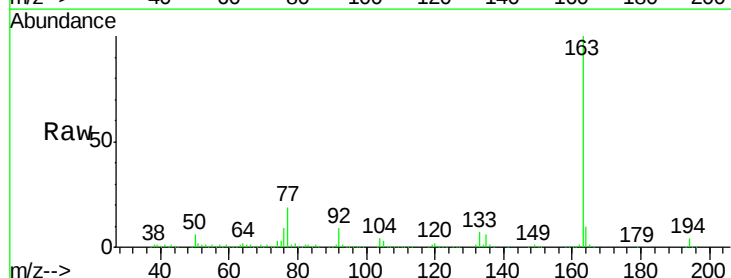
Tgt Ion:163 Resp: 661448

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

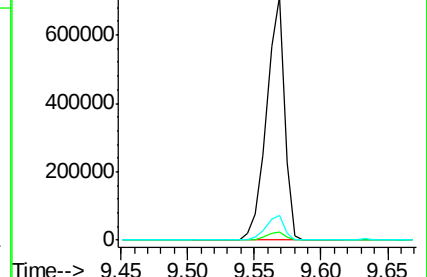
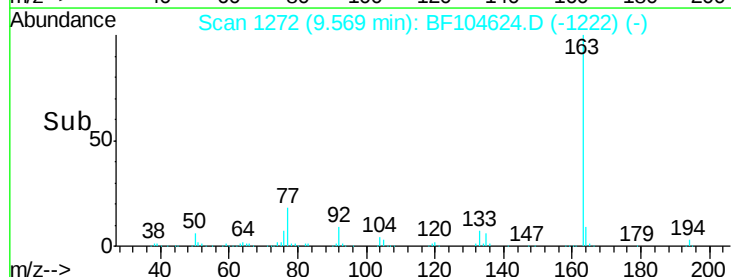
164 10.2 8.2 12.2

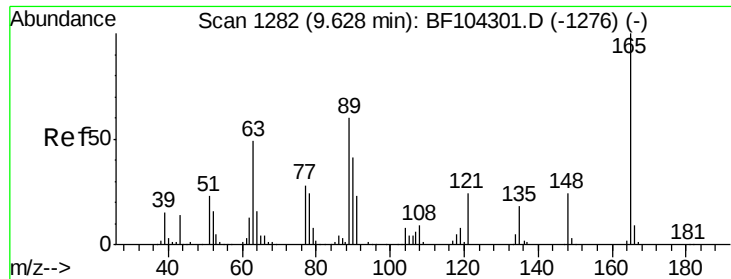


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

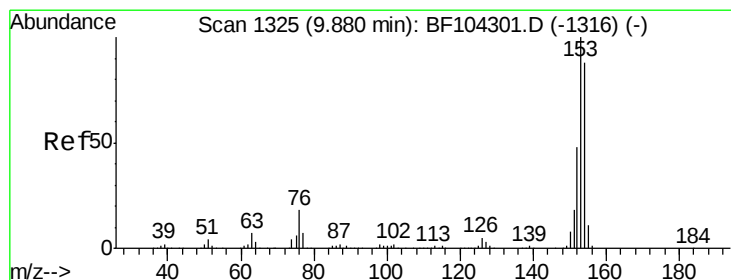
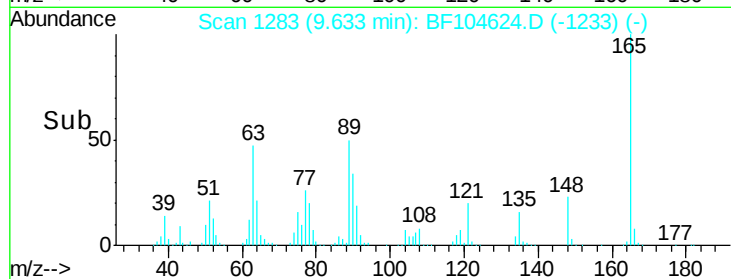
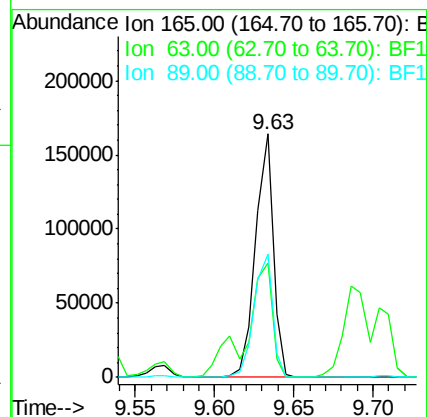
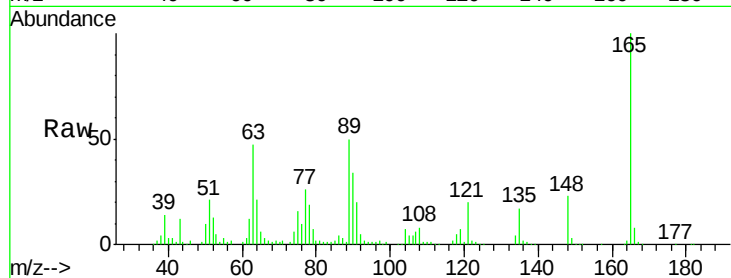




#50
 2,6-Dinitrotoluene
 Concen: 37.581 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

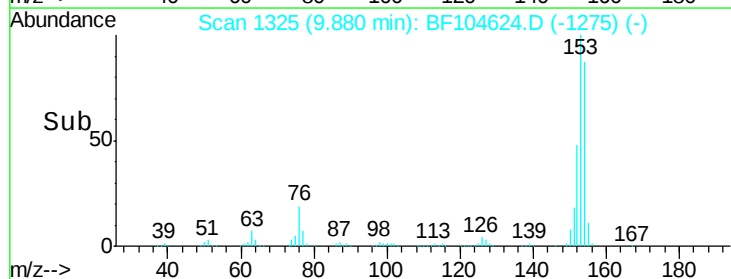
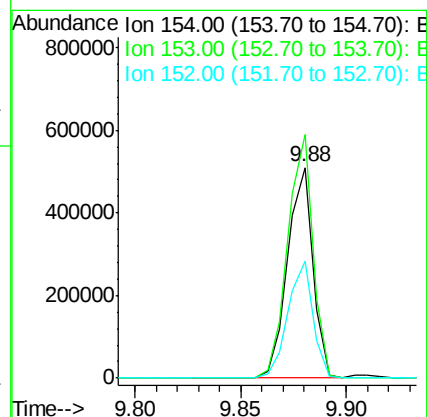
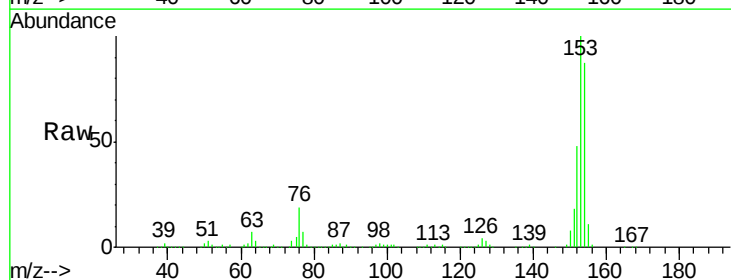
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

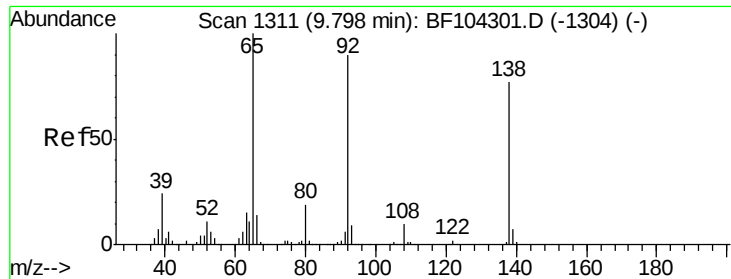
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	44.7	67.1
89	50.4	44.0	66.0



#51
 Acenaphthene
 Concen: 28.801 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.2	136.8
152	55.6	43.8	65.8





#52

3-Nitroaniline

Concen: 23.460 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

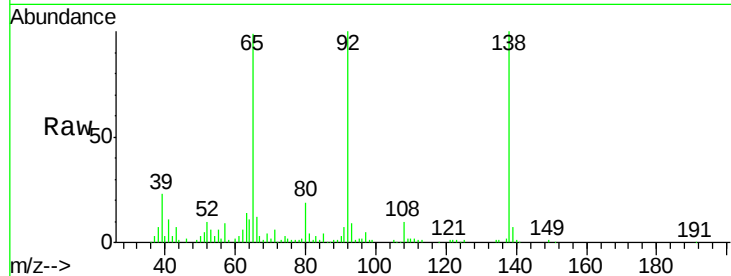
Tot Ion:138 Resp: 94254

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

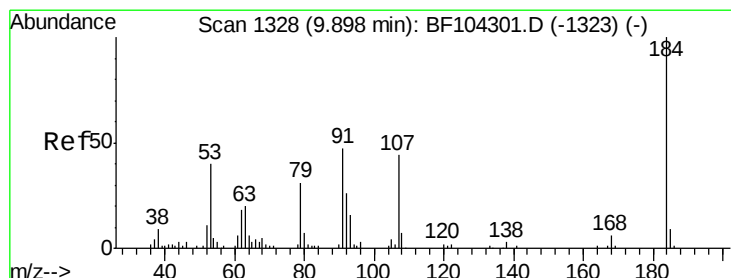
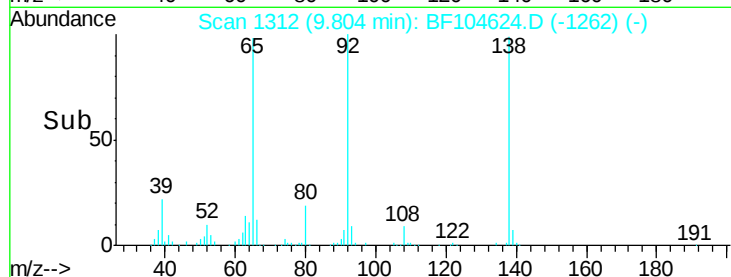
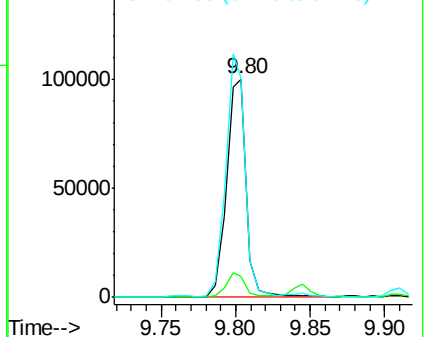
92 100.2 89.4 134.2



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



#53

2,4-Dinitrophenol

Concen: 16.887 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

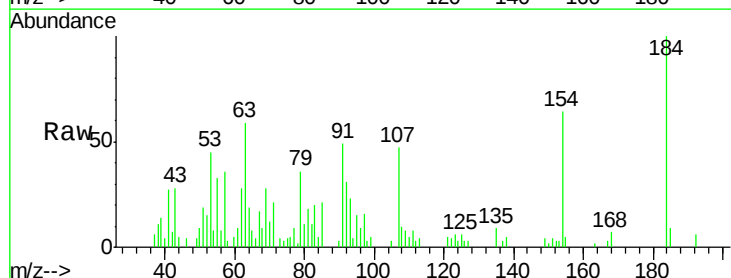
Tgt Ion:184 Resp: 12010

Ion Ratio Lower Upper

184 100

63 59.2 54.2 81.2

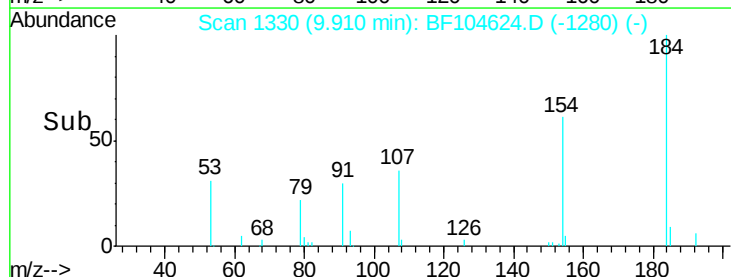
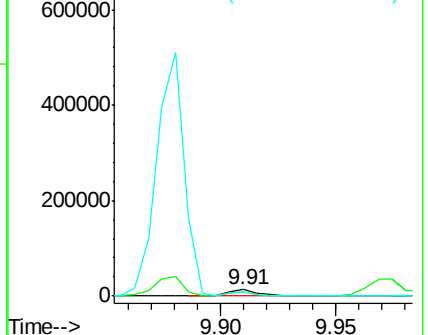
154 64.2 184.0 276.0#

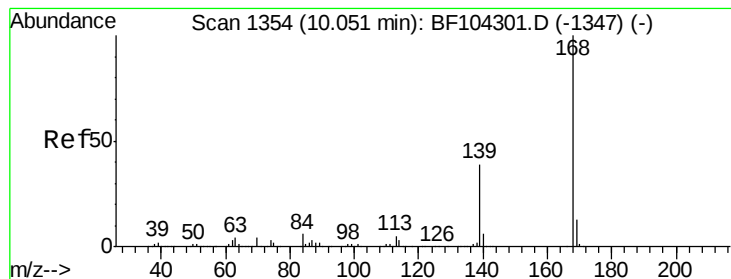


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 31.445 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

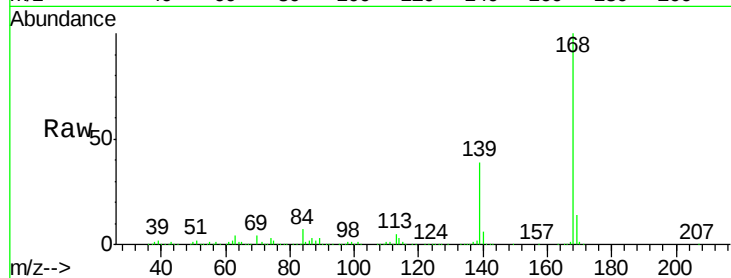
Tot Ion:168 Resp: 654674

Ion Ratio Lower Upper

168 100

139 38.5 30.1 45.1

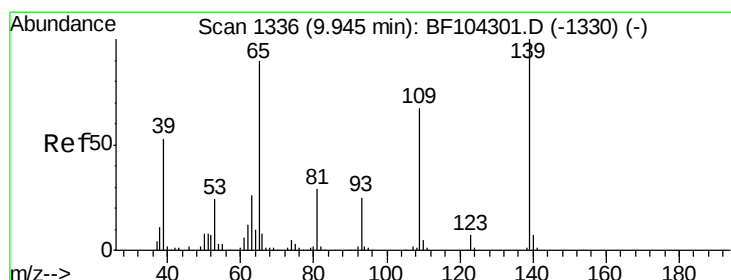
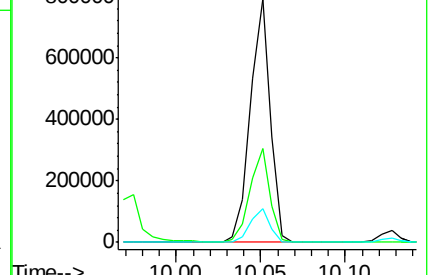
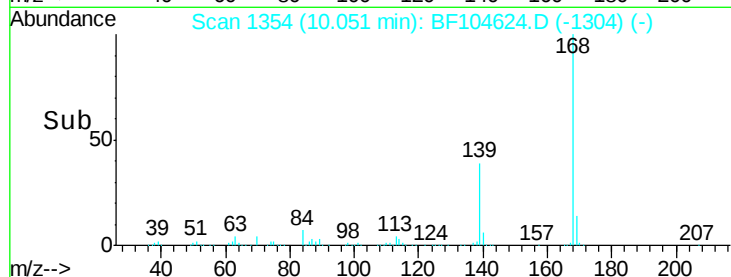
169 13.6 10.9 16.3



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



#55

4-Nitrophenol

Concen: 50.518 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

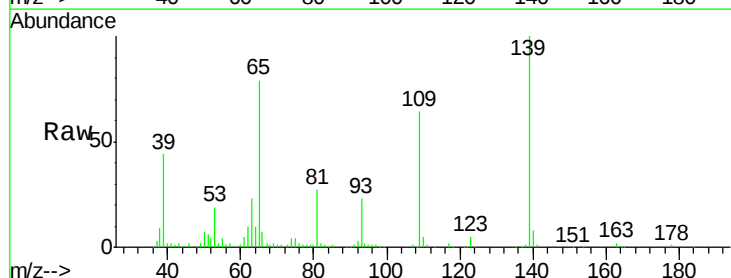
Tgt Ion:139 Resp: 159436

Ion Ratio Lower Upper

139 100

109 64.4 48.4 88.4

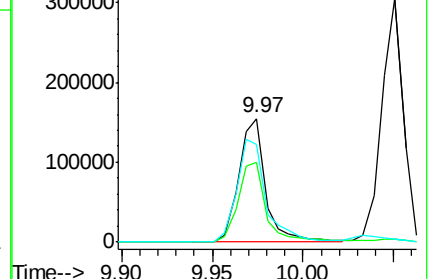
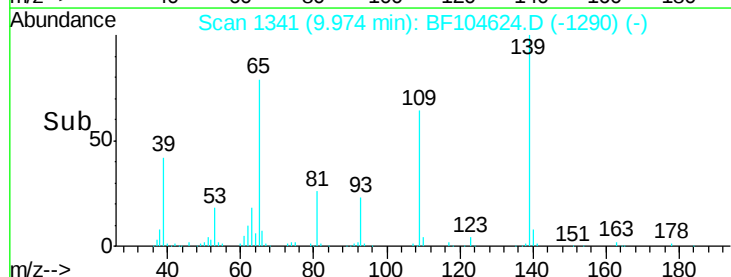
65 79.4 72.6 112.6

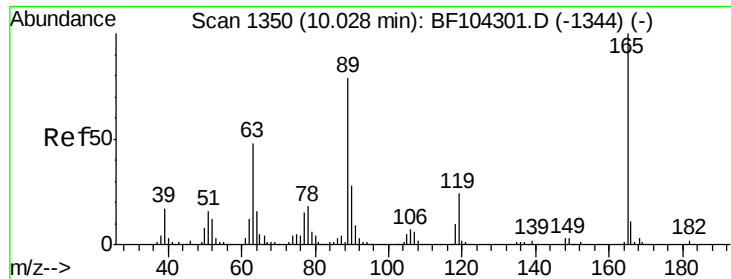


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

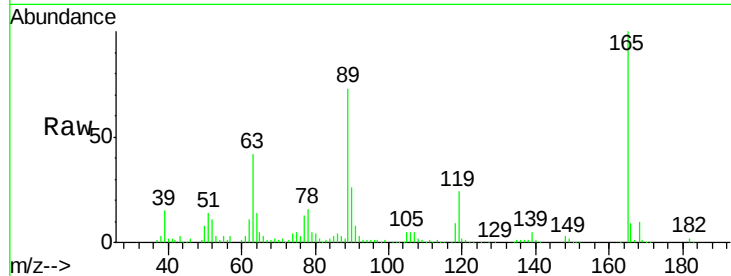




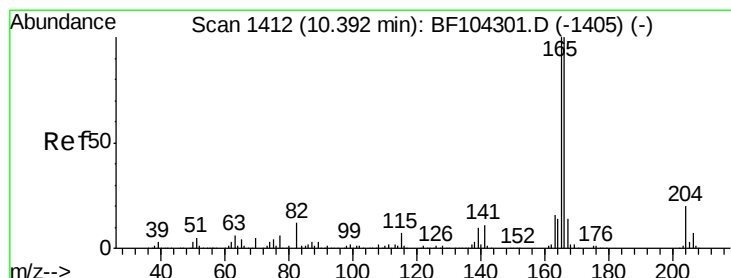
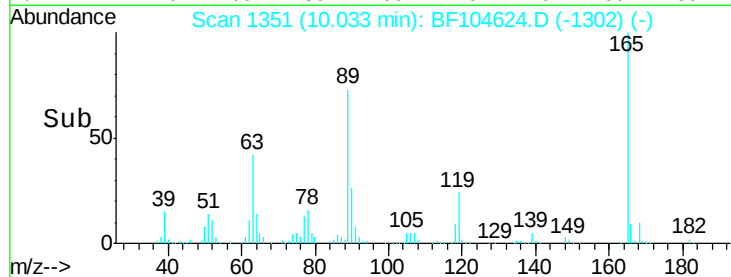
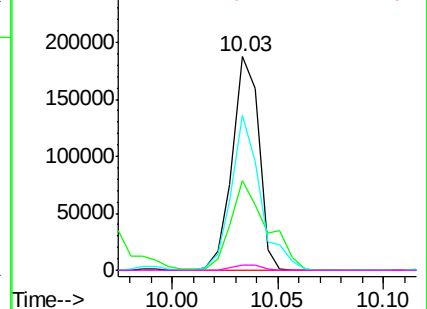
#56
2,4-Dinitrotoluene
Concen: 36.230 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Tot Ion:165 Resp: 163092
Ion Ratio Lower Upper
165 100
63 41.8 36.4 54.6
89 72.6 57.8 86.6
182 2.2 1.6 2.4

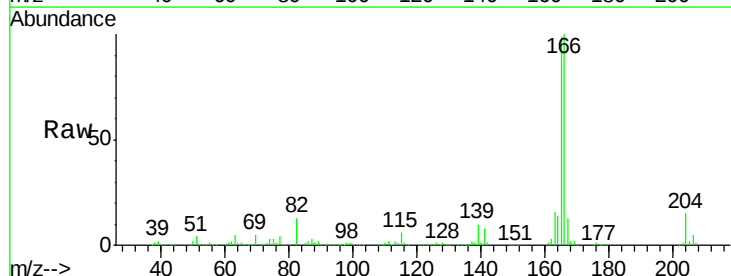


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

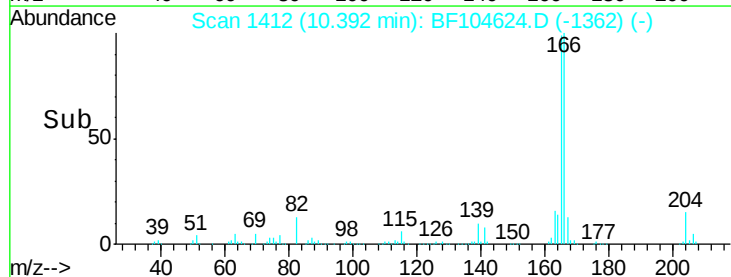
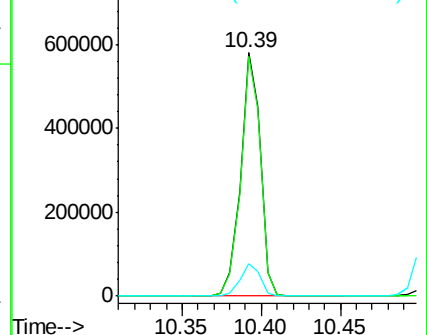


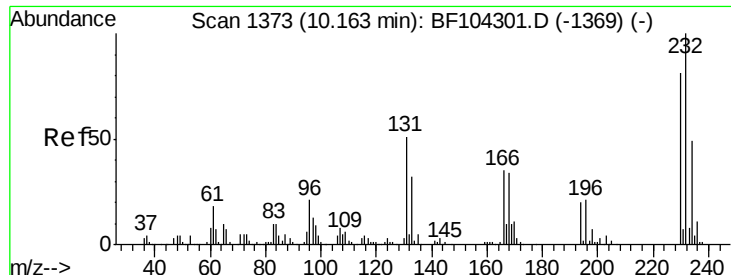
#57
Fluorene
Concen: 32.732 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:166 Resp: 496026
Ion Ratio Lower Upper
166 100
165 98.6 79.8 119.8
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

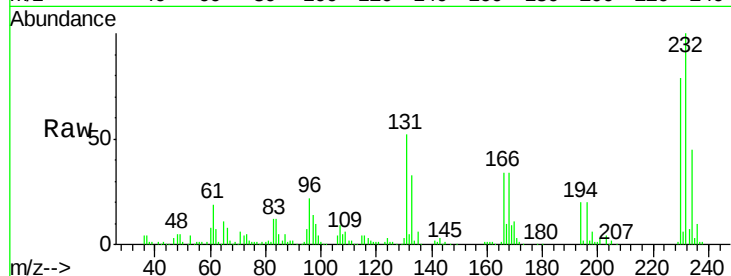




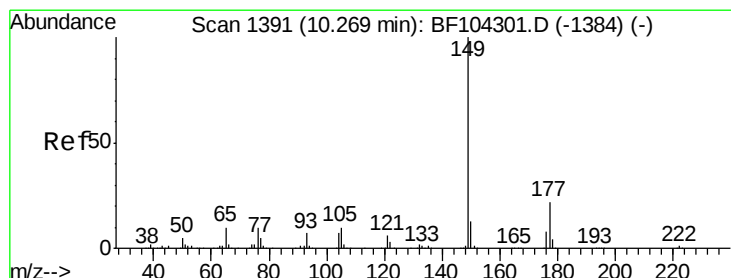
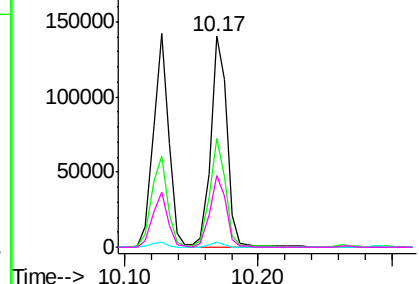
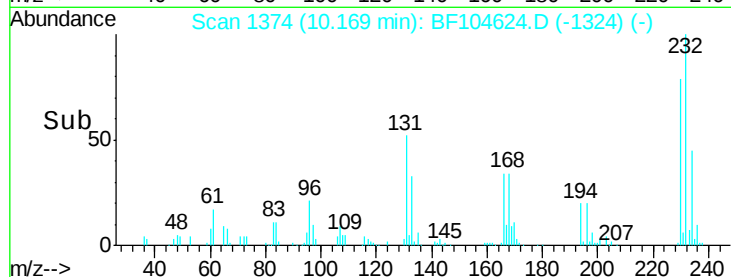
#58
2,3,4,6-Tetrachlorophenol
Concen: 30.716 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Tot Ion:232 Resp: 119848
Ion Ratio Lower Upper
232 100
131 50.1 43.8 65.8
130 2.5 2.1 3.1
166 33.2 27.8 41.6

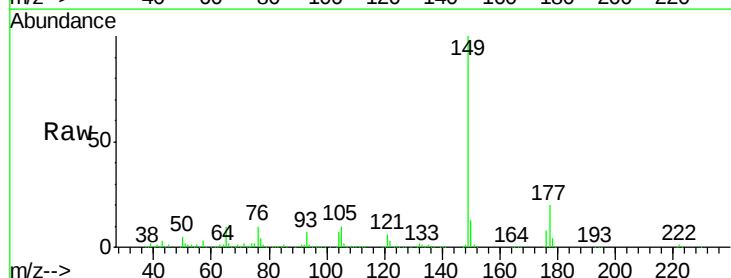


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

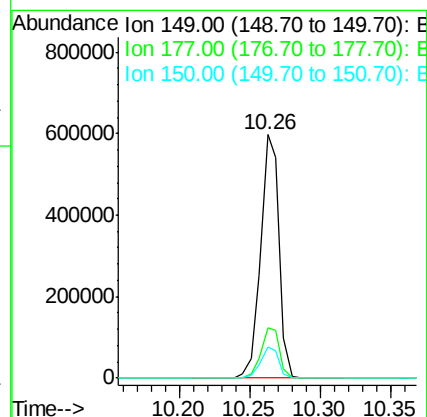
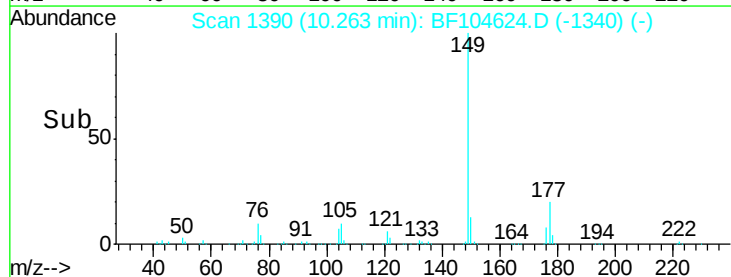


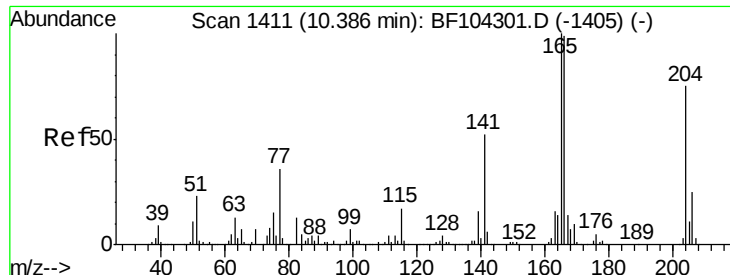
#59
Diethylphthalate
Concen: 29.738 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:149 Resp: 549298
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.9 10.1 15.1



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

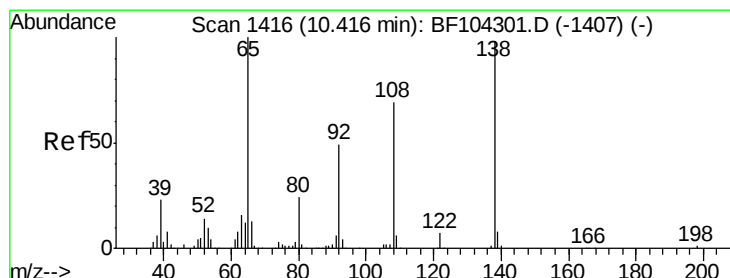
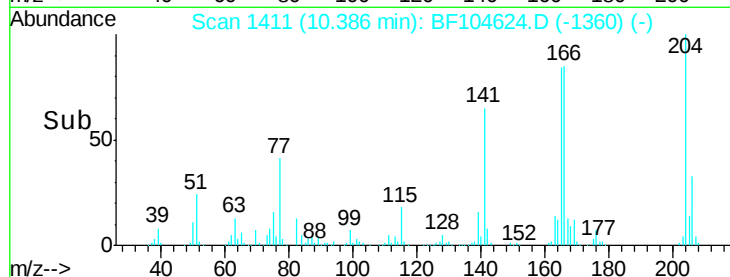
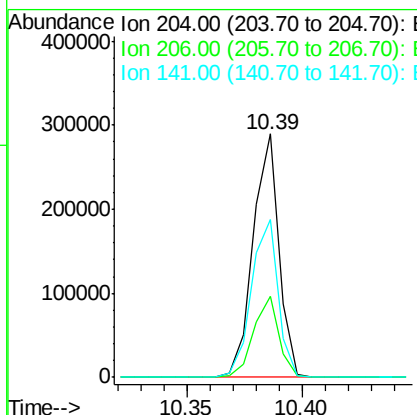
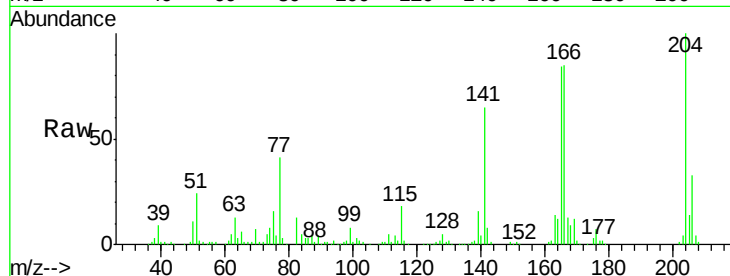




#60
 4-Chlorophenyl-phenylether
 Concen: 33.631 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

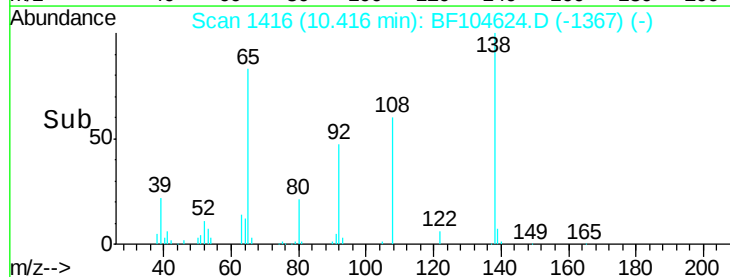
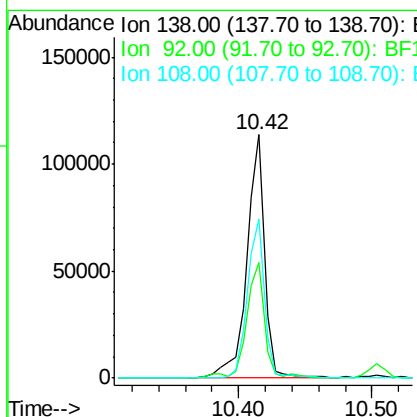
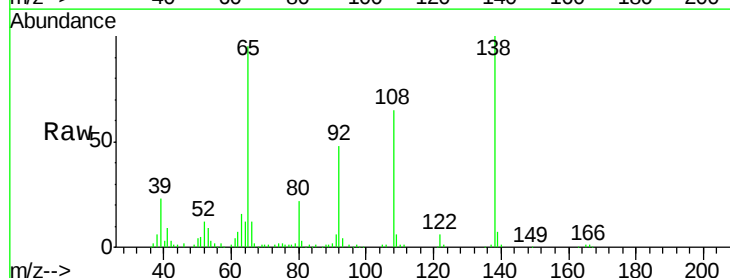
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

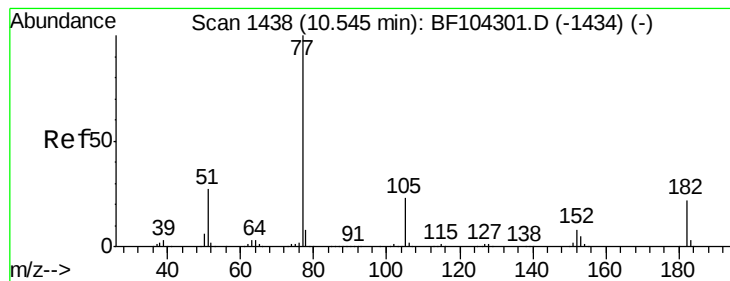
Tot Ion:	204	Resp:	226972
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	65.0	54.6	81.8



#61
 4-Nitroaniline
 Concen: 26.445 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion:	138	Resp:	103886
Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.2	70.2
108	65.3	52.5	92.5





#62

Azobenzene

Concen: 29.397 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

Tot Ion: 77 Resp: 518781

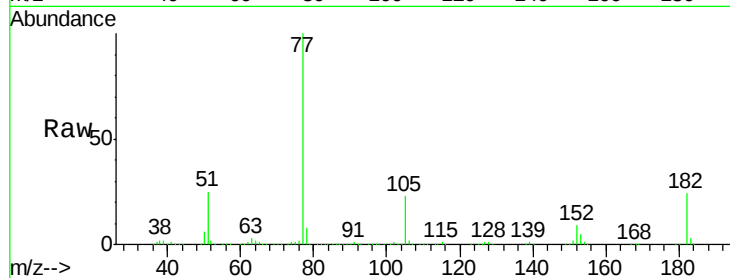
Ion Ratio Lower Upper

77 100

182 23.8 1.7 41.7

105 23.4 3.0 43.0

51 25.4 9.9 49.9

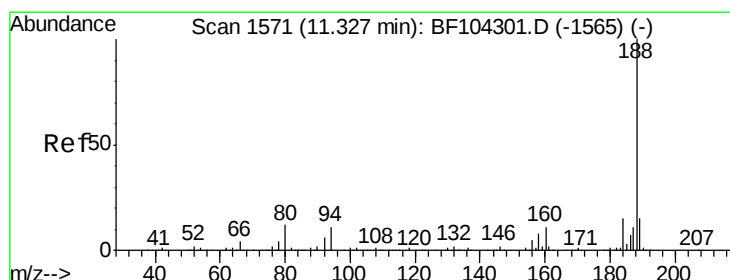
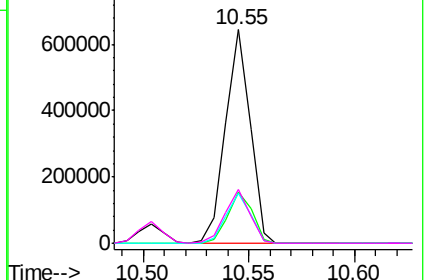
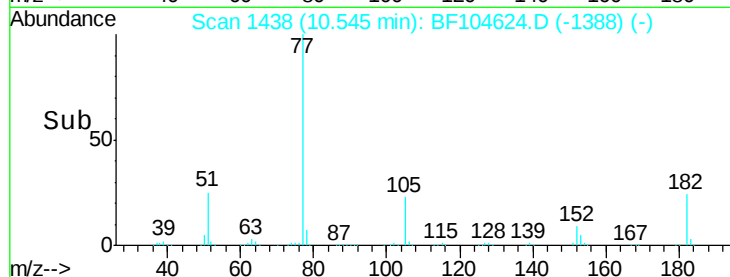


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

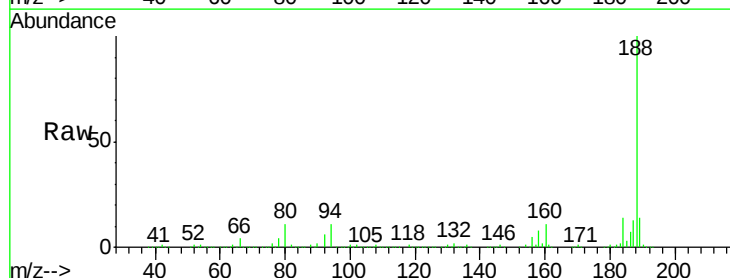
Tgt Ion: 188 Resp: 384700

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

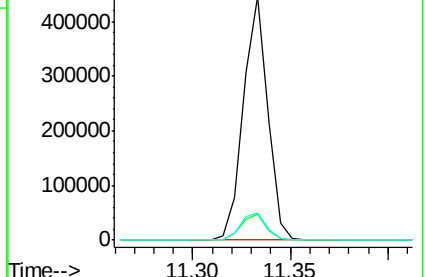
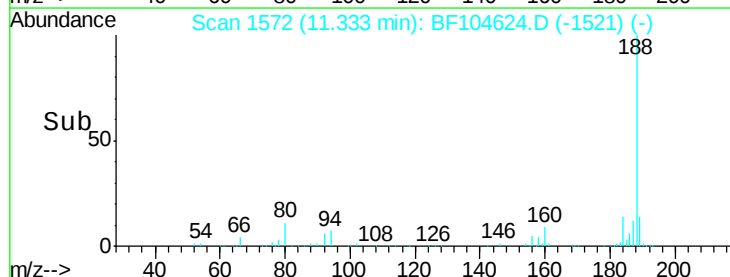
80 11.2 9.2 13.8

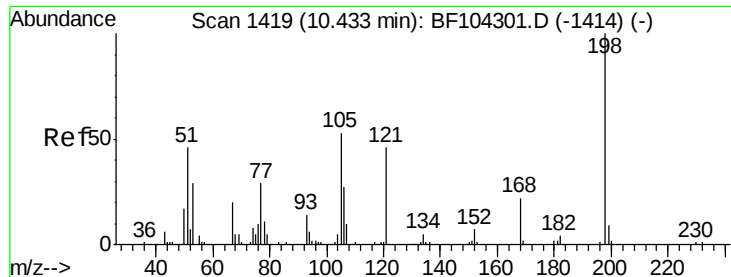


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 21.767 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

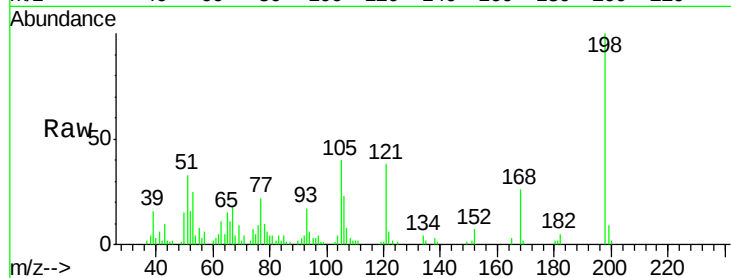
Tot Ion:198 Resp: 31900

Ion Ratio Lower Upper

198 100

51 32.9 37.7 77.7#

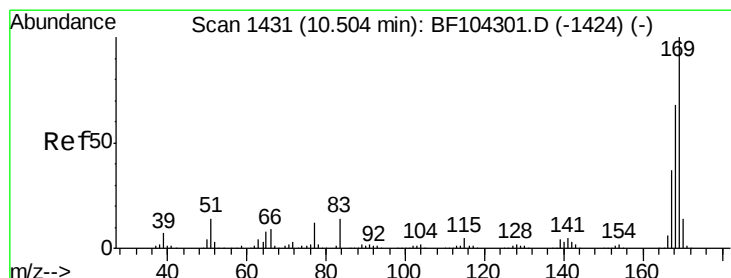
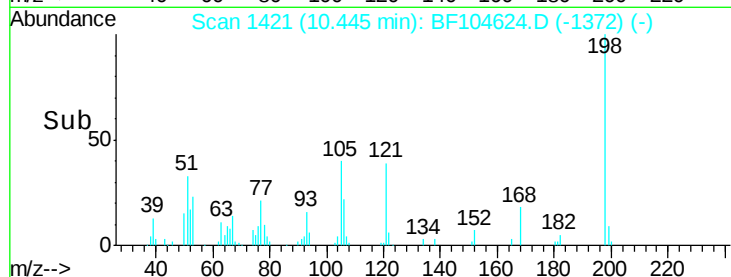
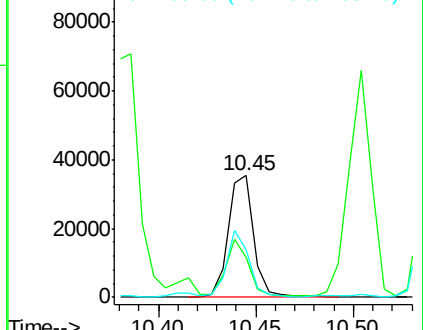
105 39.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 32.263 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

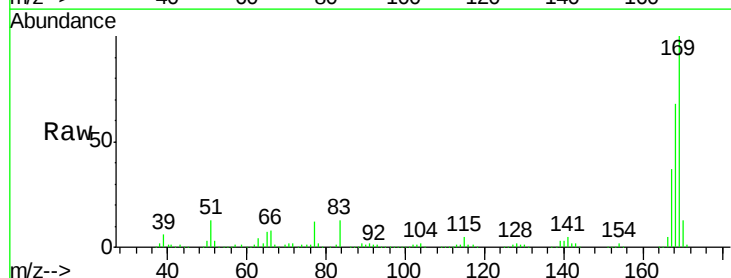
Tgt Ion:169 Resp: 430336

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

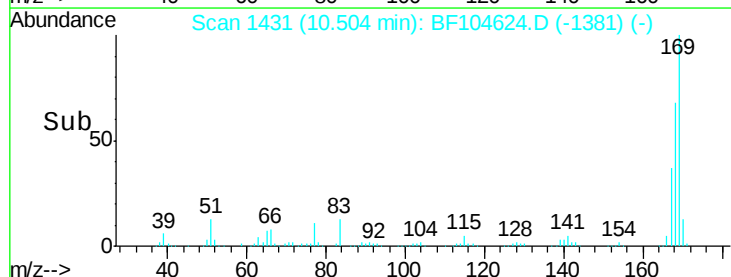
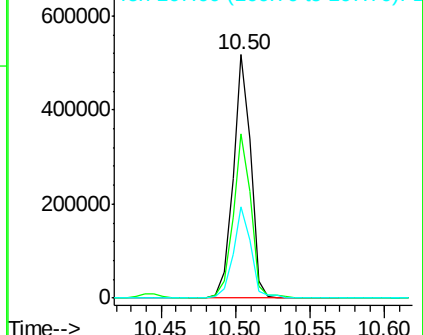
167 37.5 29.8 44.6

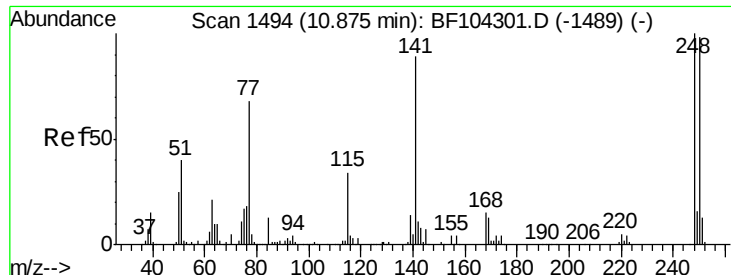


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

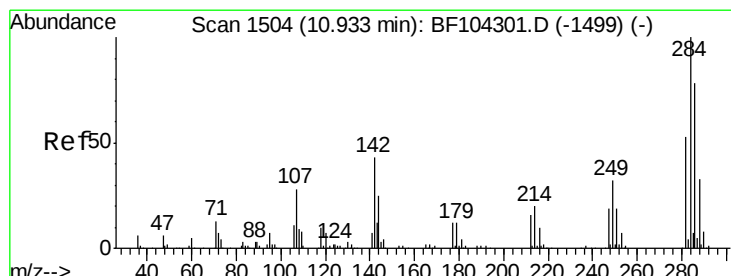
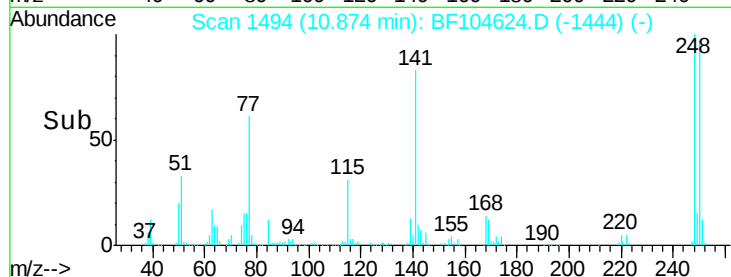
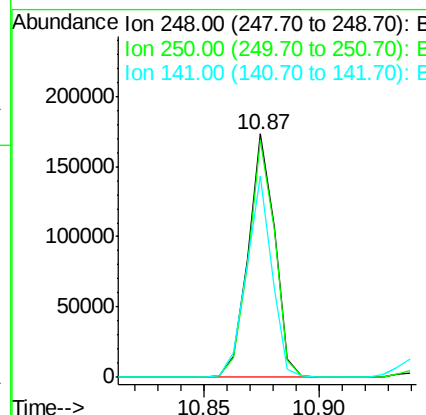
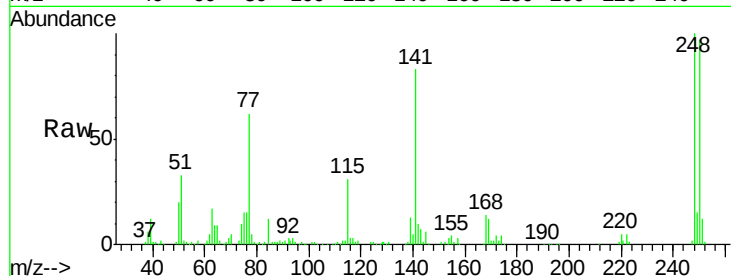




#66
4-Bromophenyl-phenylether
Concen: 34.018 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

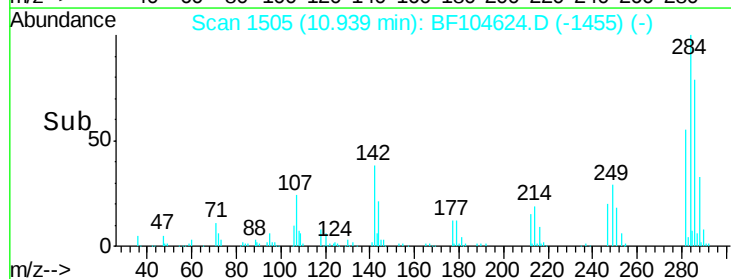
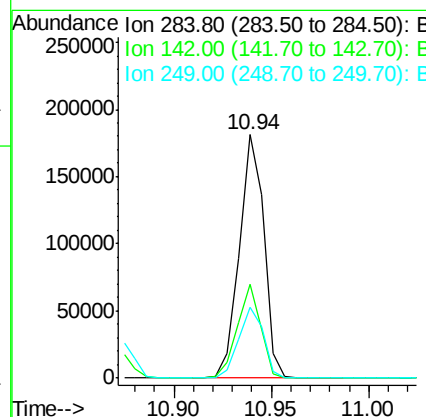
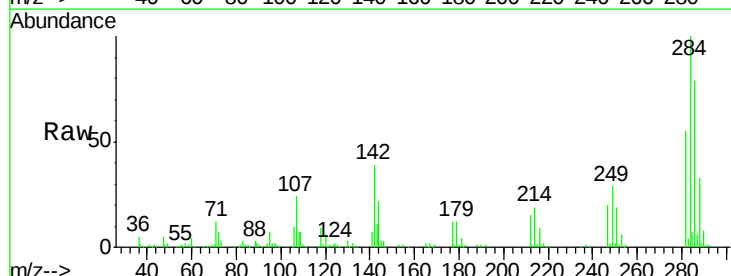
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

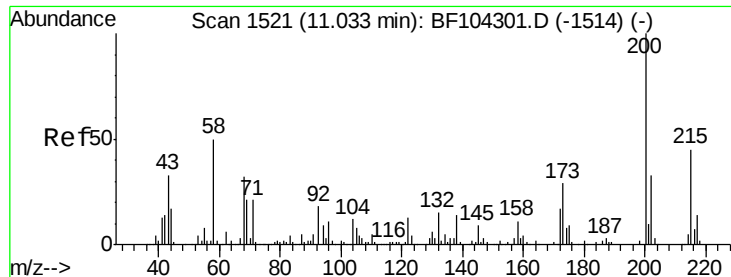
Tot Ion:248 Resp: 139201
Ion Ratio Lower Upper
248 100
250 97.3 76.9 115.3
141 82.5 74.4 111.6



#67
Hexachlorobenzene
Concen: 34.382 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:284 Resp: 158306
Ion Ratio Lower Upper
284 100
142 38.8 34.6 52.0
249 29.2 24.8 37.2

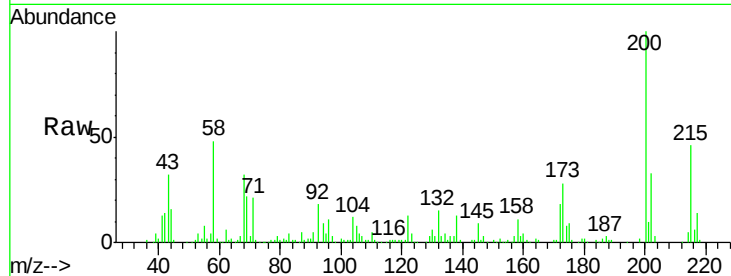




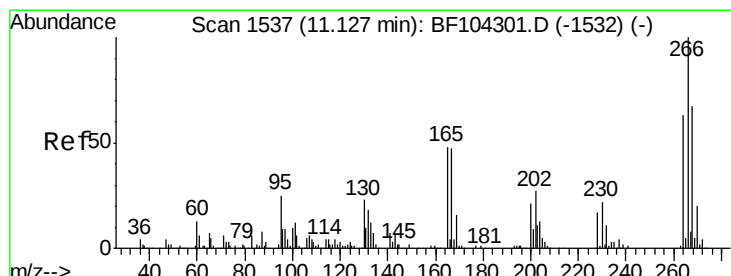
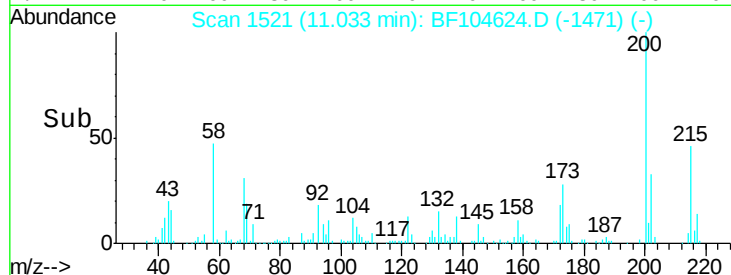
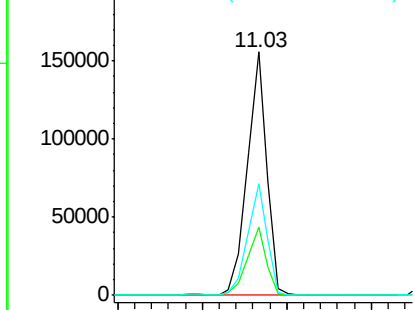
#68
 Atrazine
 Concen: 31.331 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.6	48.6
215	46.0	25.1	65.1

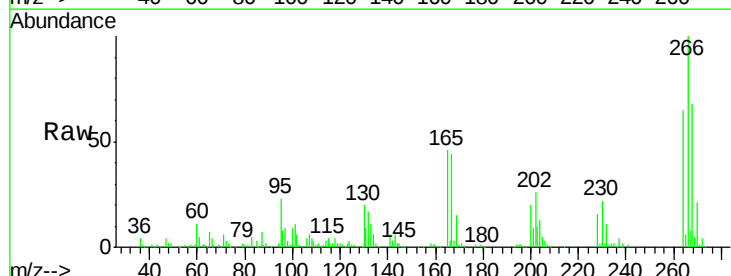


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

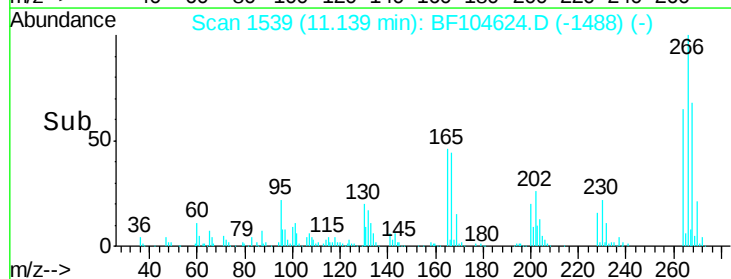
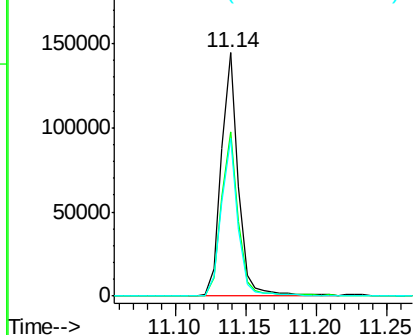


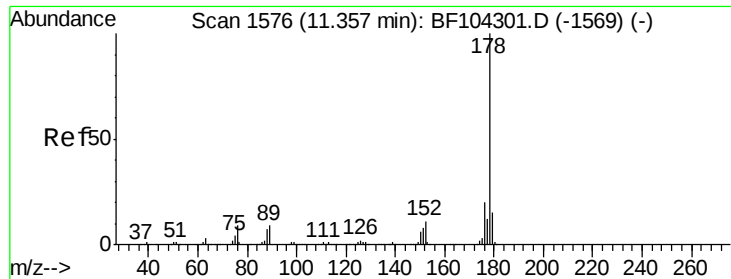
#69
 Pentachlorophenol
 Concen: 42.785 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.1	76.7
264	64.9	49.5	74.3



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





#70

Phenanthrene

Concen: 30.907 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

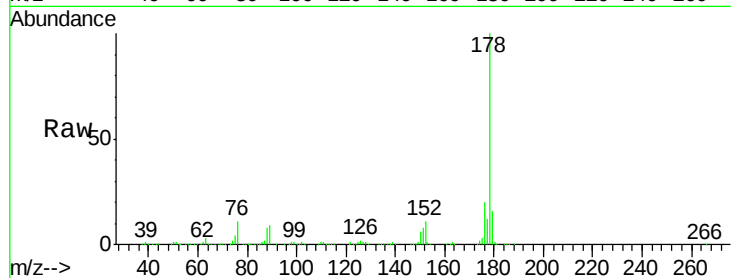
Tot Ion:178 Resp: 662141

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

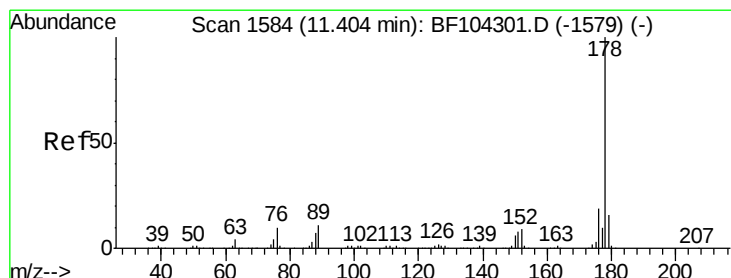
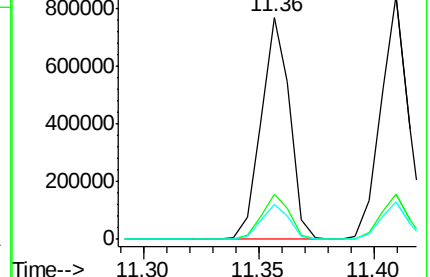
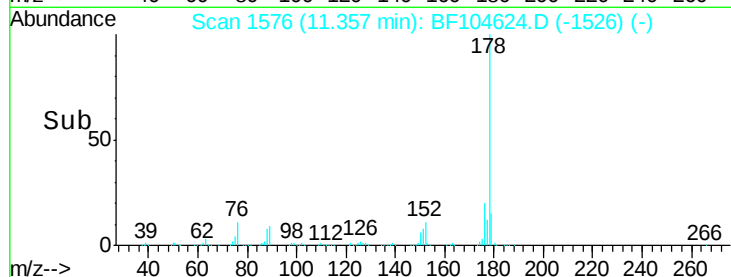
179 15.7 13.0 19.6



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



#71

Anthracene

Concen: 31.513 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

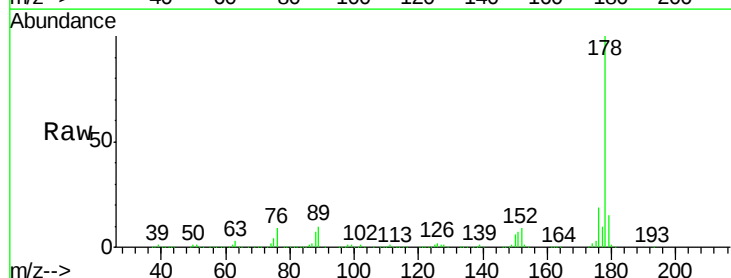
Tgt Ion:178 Resp: 686268

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

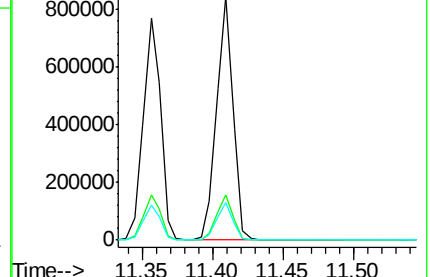
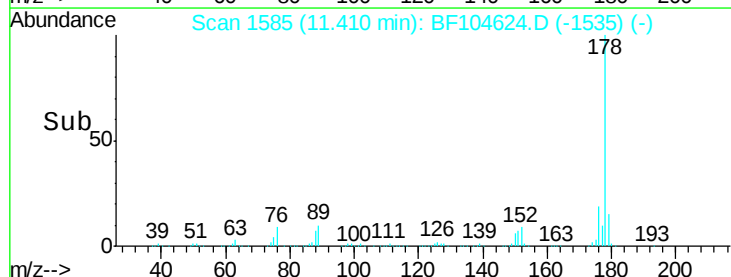
179 15.4 12.6 19.0

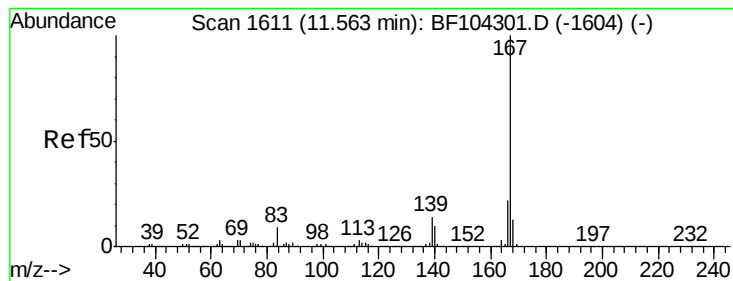


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 25.759 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

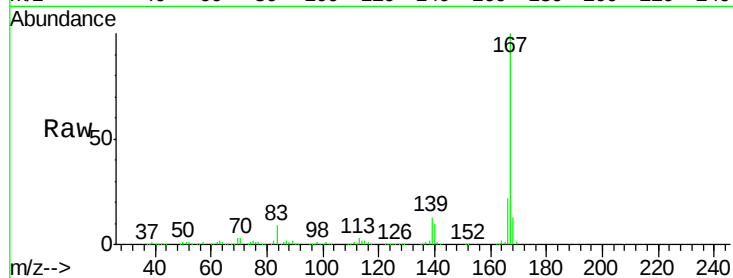
Tot Ion:167 Resp: 548162

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

139 13.0 10.9 16.3



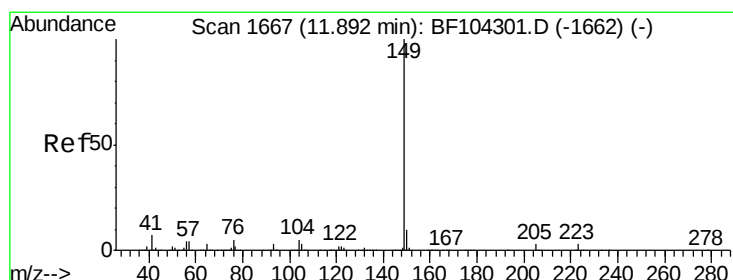
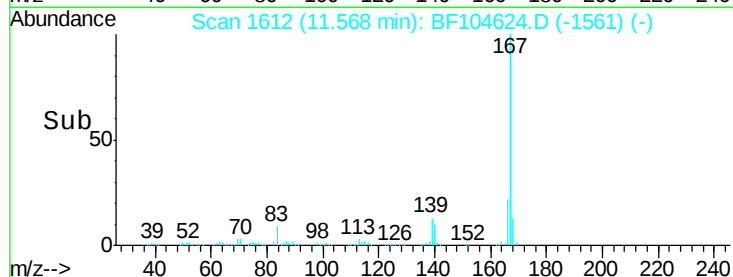
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.57

Time-->



#73

Di-n-butylphthalate

Concen: 29.962 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

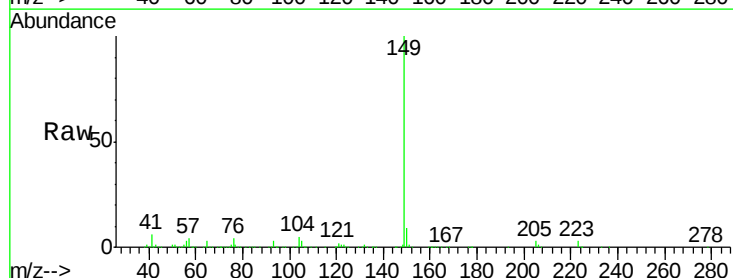
Tgt Ion:149 Resp: 778860

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 4.7 3.8 5.8



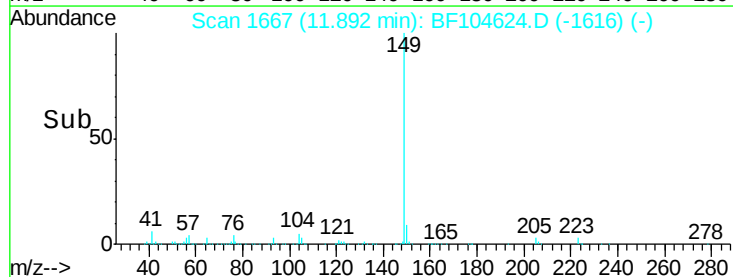
Abundance Ion 149.00 (148.70 to 149.70): E

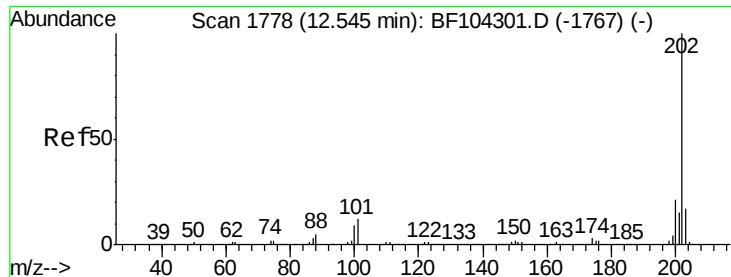
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.89

Time-->

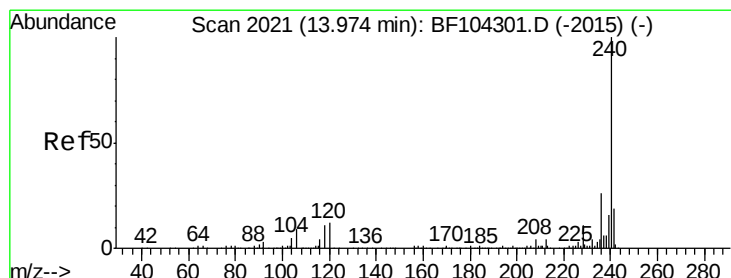
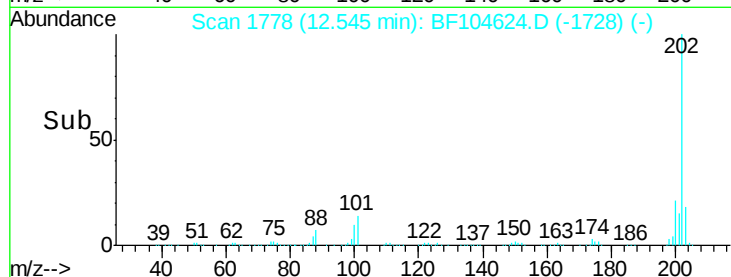
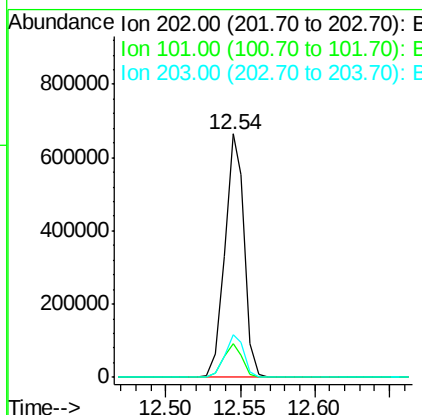
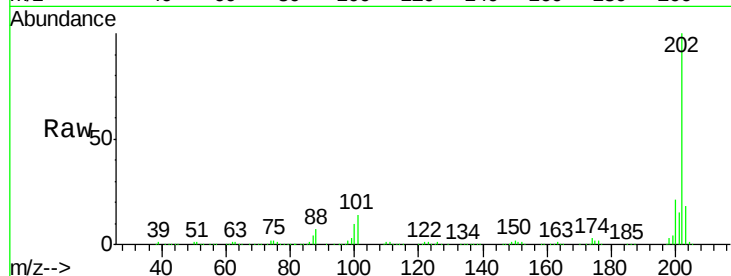




#74
 Fluoranthene
 Concen: 27.169 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

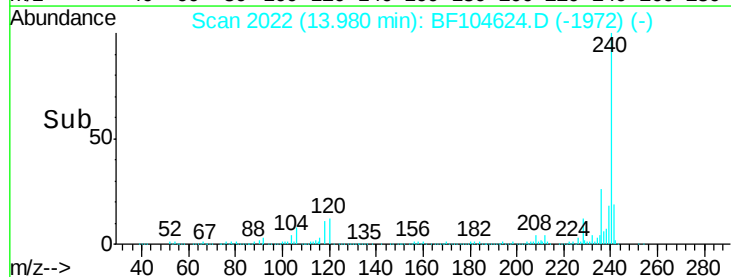
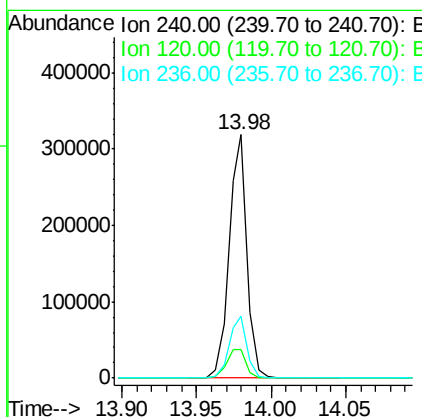
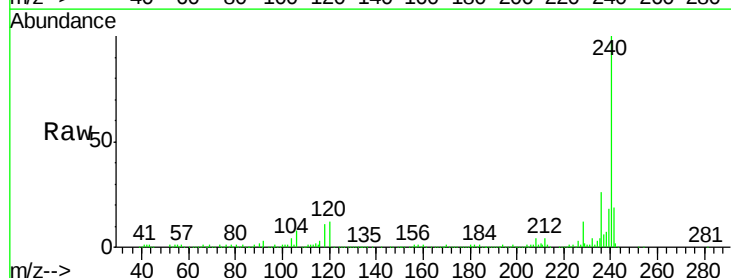
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

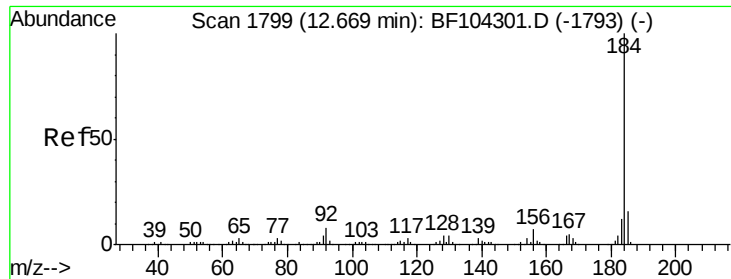
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.1
203	17.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.5	20.7	31.1

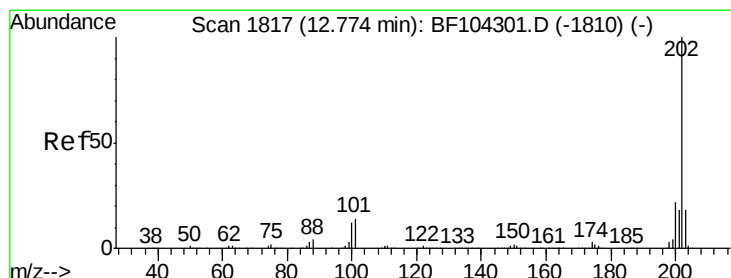
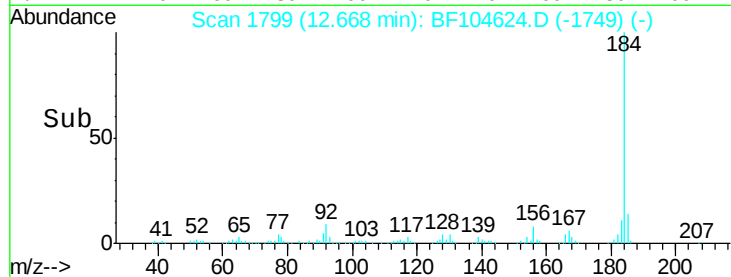
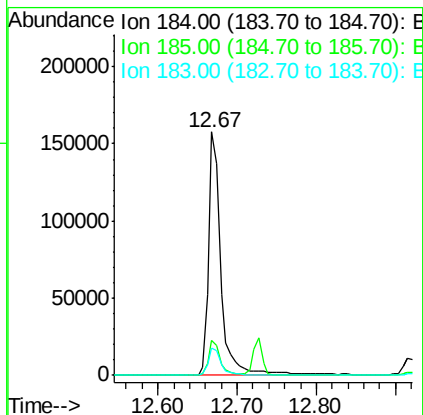
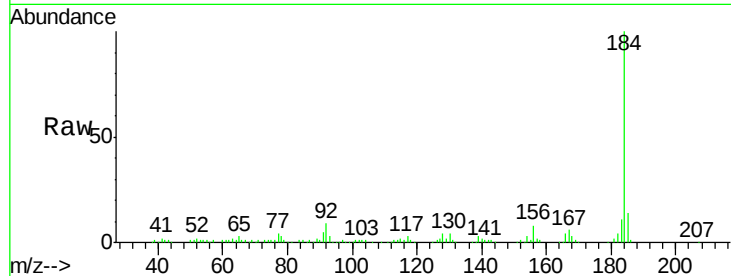




#76
Benzidine
Concen: 14.756 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

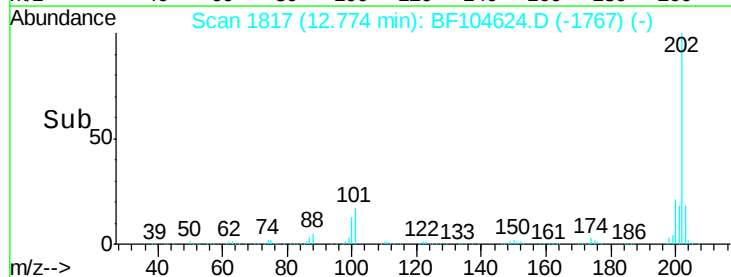
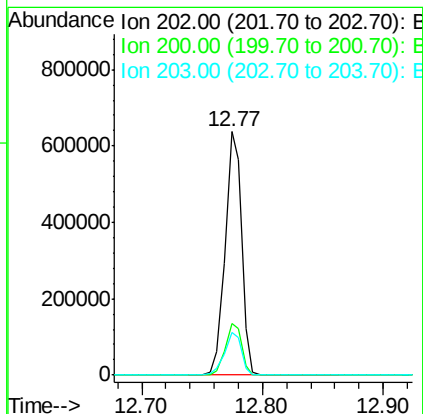
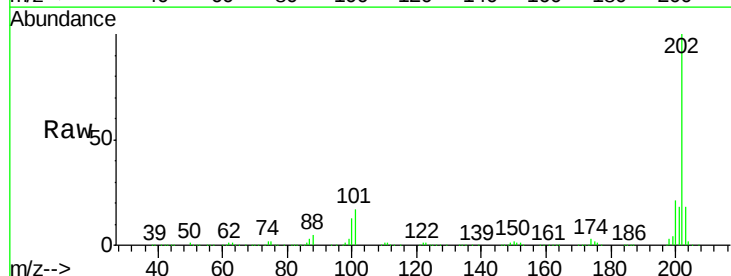
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

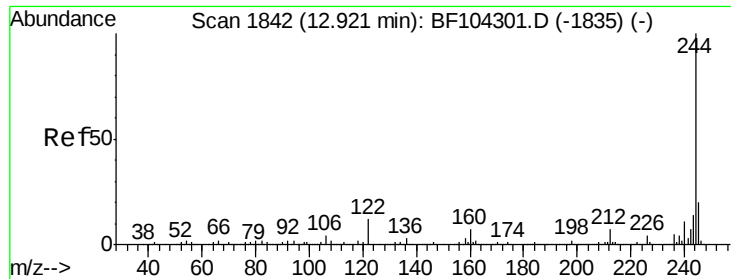
Tot Ion:184 Resp: 173253
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 11.4 9.3 13.9



#77
Pyrene
Concen: 30.083 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:202 Resp: 600502
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.6 14.3 21.5

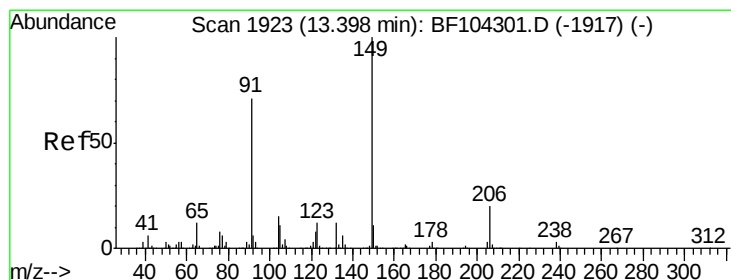
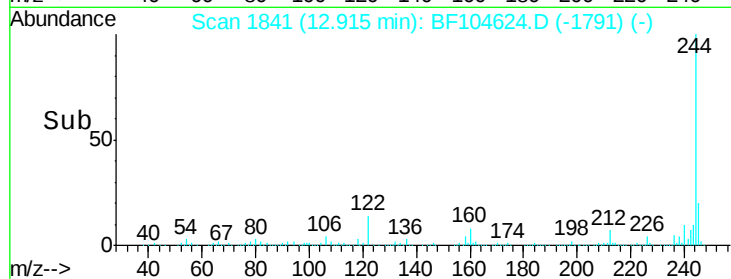
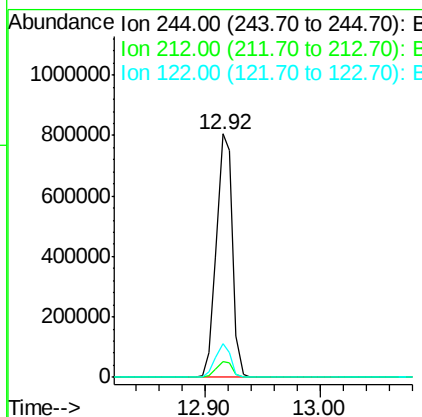
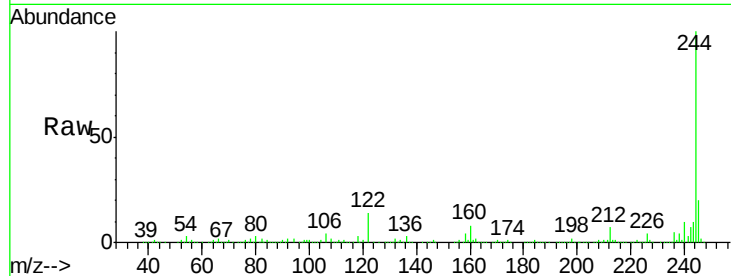




#78
 Terphenyl-d14
 Concen: 65.616 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

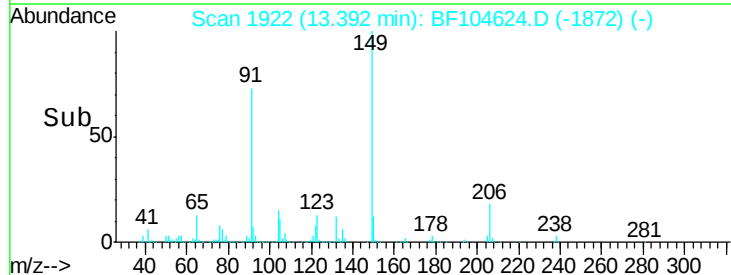
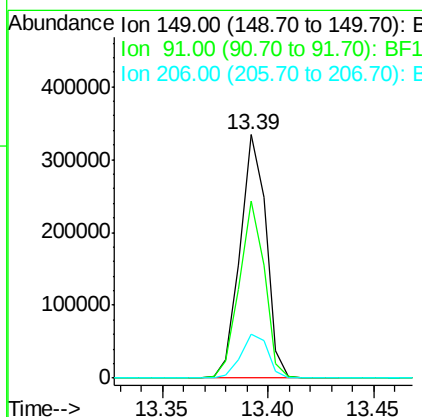
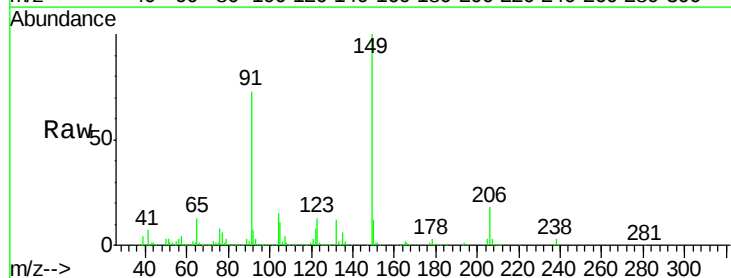
Instrument :
 BNA_F
 ClientSampleId :
 COMP-B1-18-20MSD

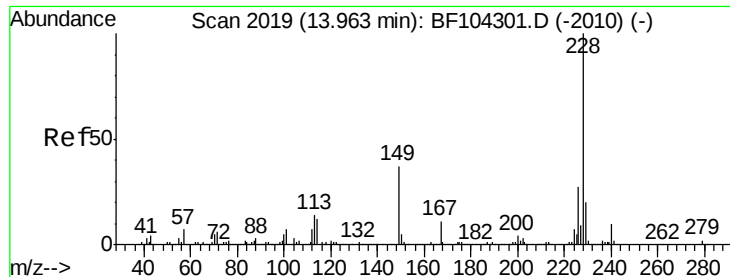
Tot Ion:244 Resp: 775085
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 13.7 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 30.240 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF104624.D
 Acq: 19 Apr 2018 12:05

Tgt Ion:149 Resp: 284387
 Ion Ratio Lower Upper
 149 100
 91 72.7 56.8 85.2
 206 18.3 14.1 21.1





#80

Benzo(a)anthracene

Concen: 32.619 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

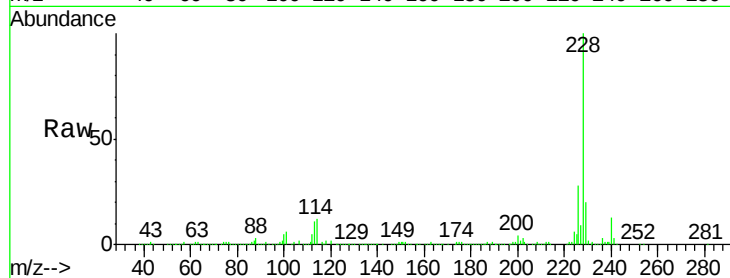
Tot Ion:228 Resp: 524793

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

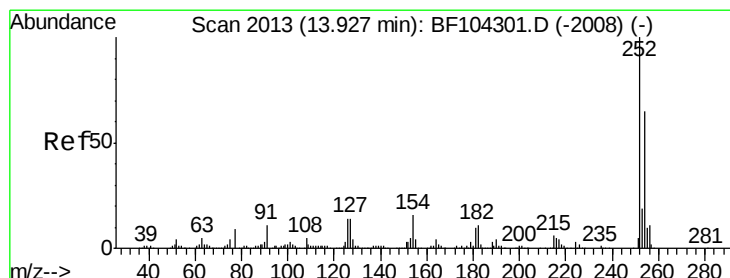
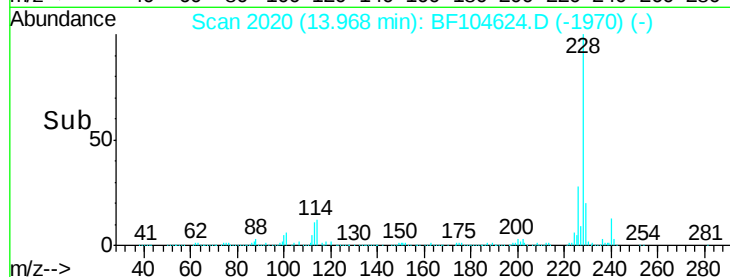
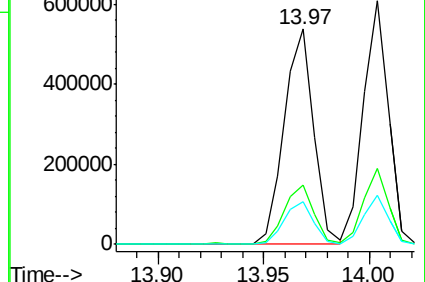
229 20.0 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 26.650 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

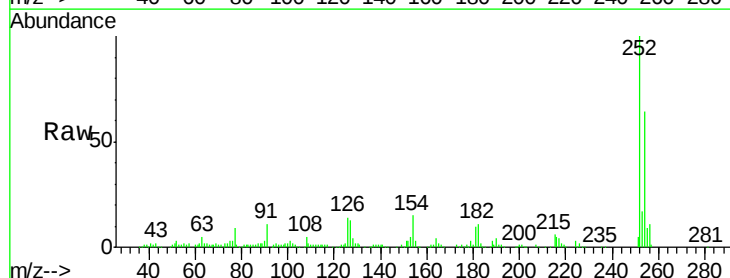
Tgt Ion:252 Resp: 159864

Ion Ratio Lower Upper

252 100

254 64.3 50.4 75.6

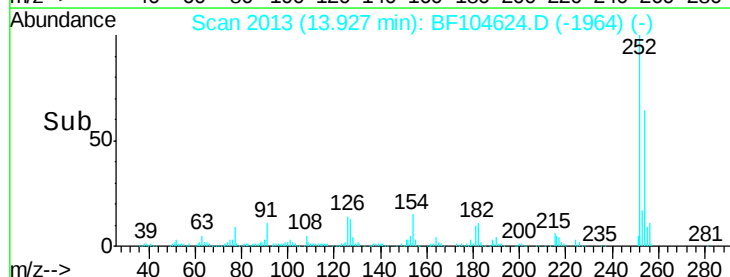
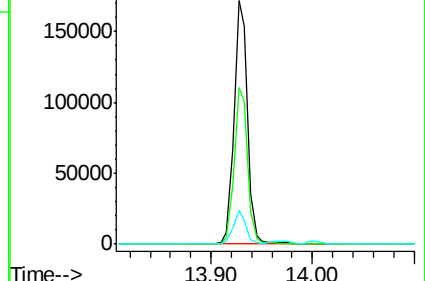
126 14.1 11.3 16.9

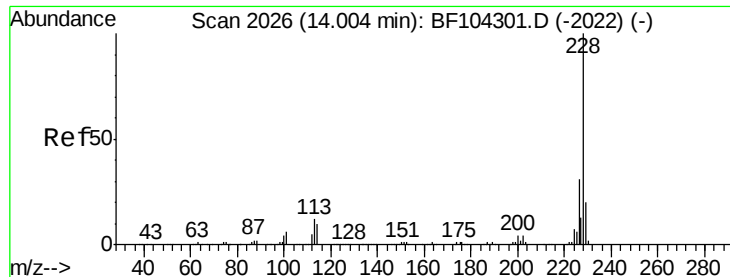


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 30.671 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

Instrument :

BNA_F

ClientSampleId :

COMP-B1-18-20MSD

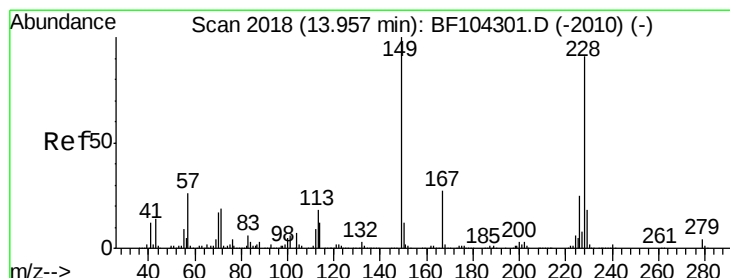
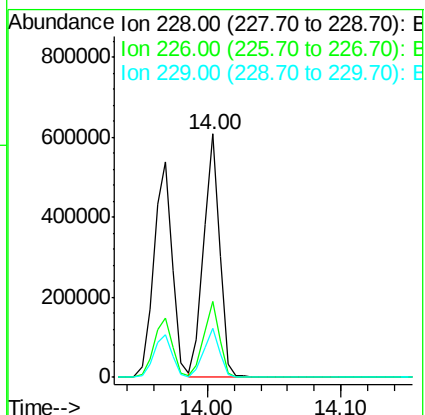
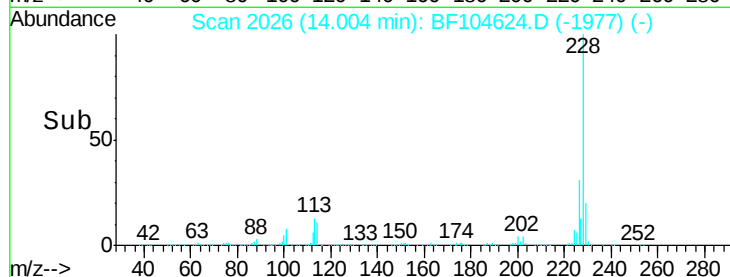
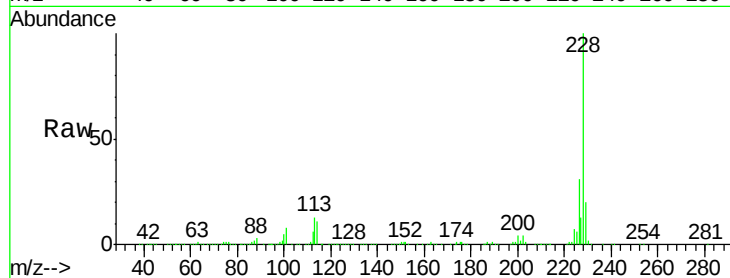
Tot Ion:228 Resp: 506843

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 20.3 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.512 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104624.D

Acq: 19 Apr 2018 12:05

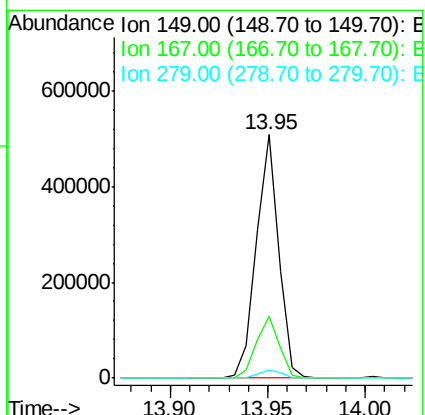
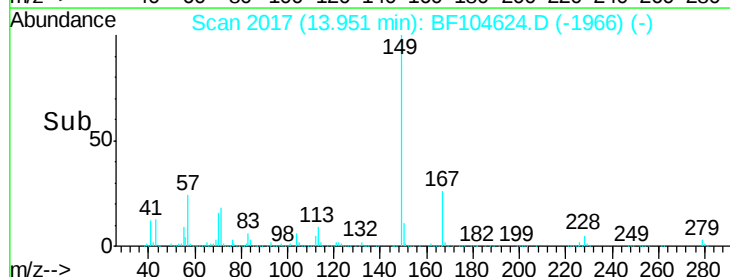
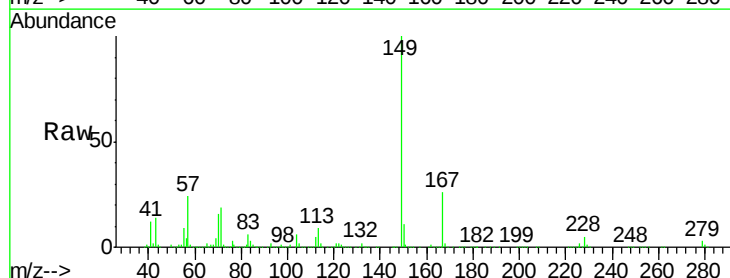
Tgt Ion:149 Resp: 405362

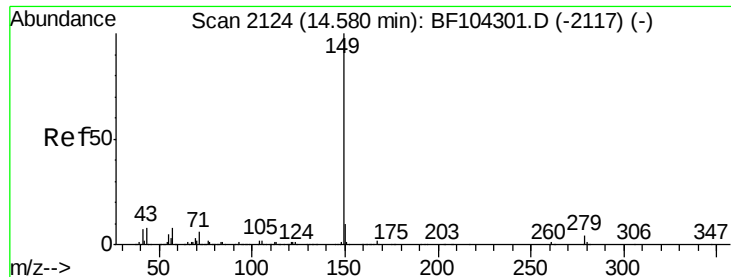
Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

279 3.2 3.0 4.4

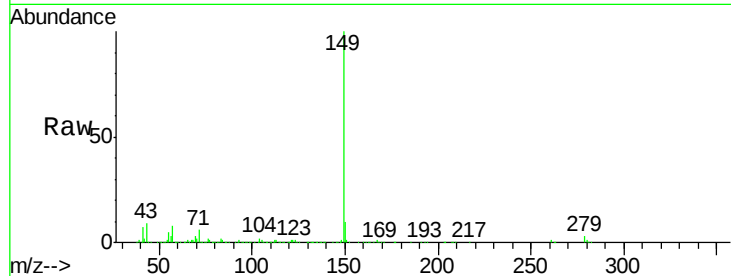




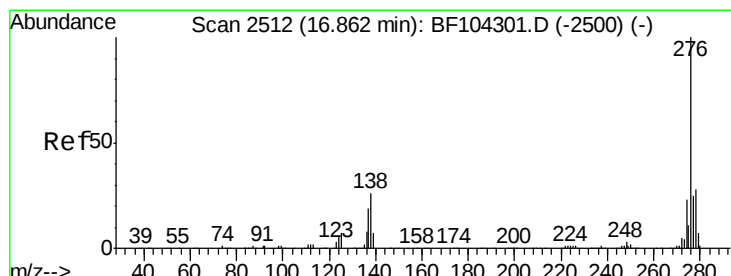
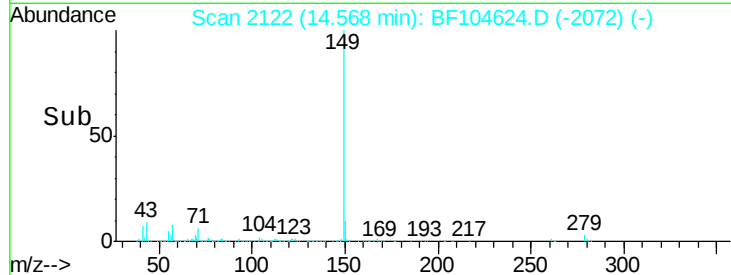
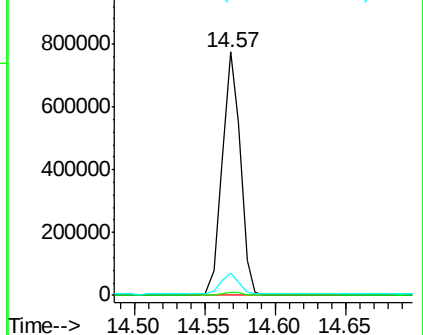
#84
Di-n-octyl phthalate
Concen: 34.224 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6

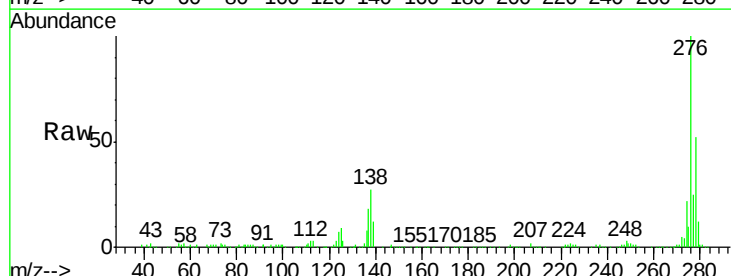


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

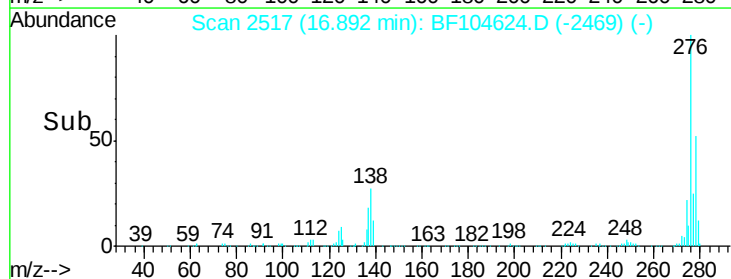
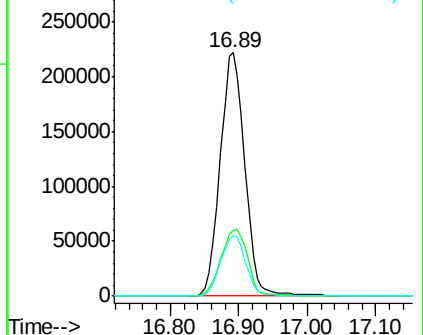


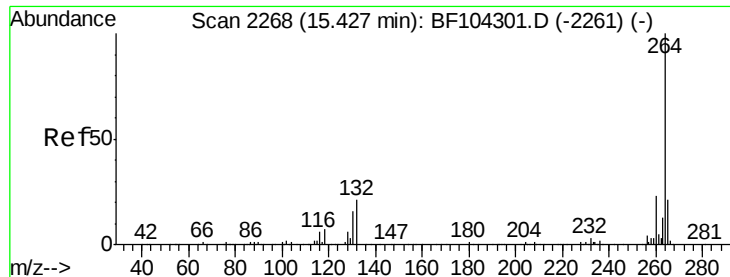
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.432 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	25.0	37.6
277	25.3	20.1	30.1



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

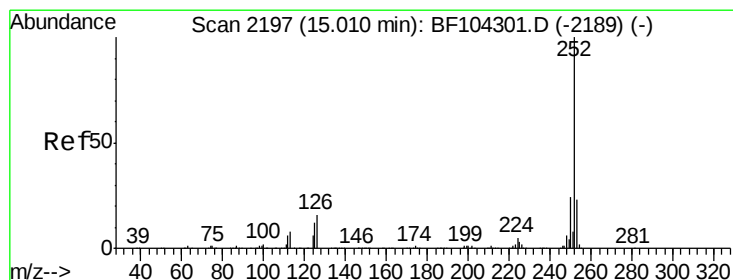
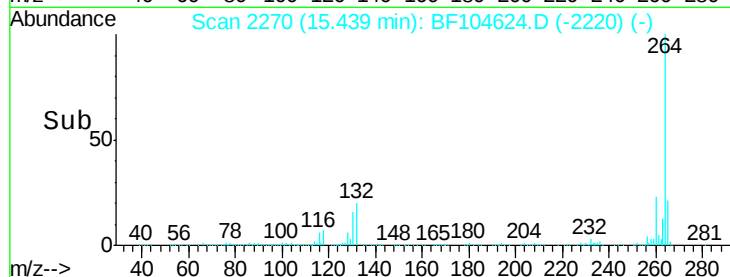
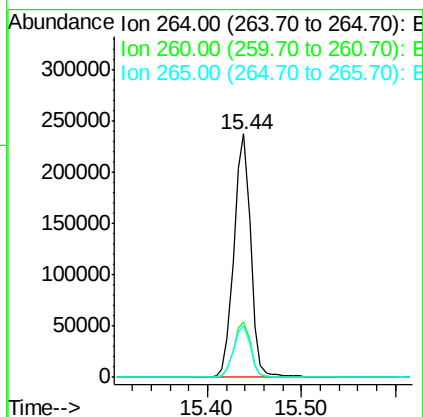
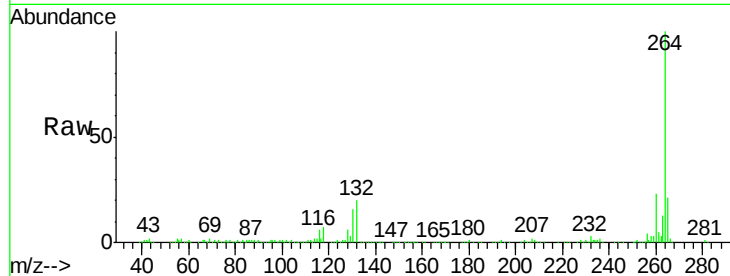




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

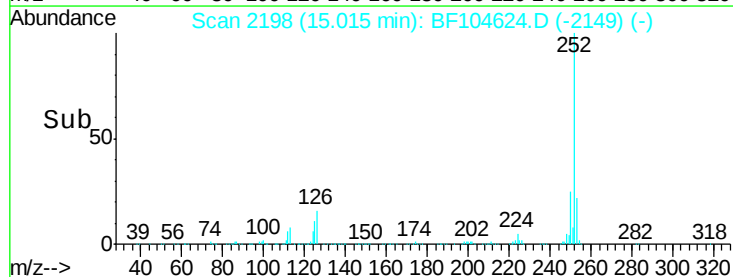
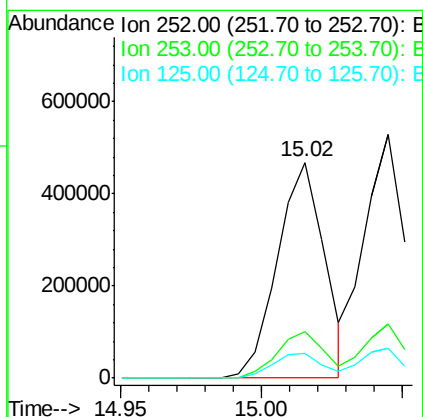
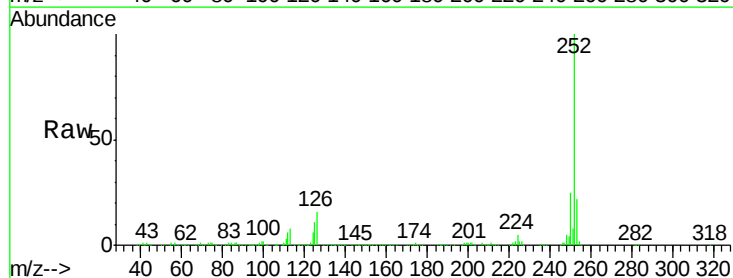
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

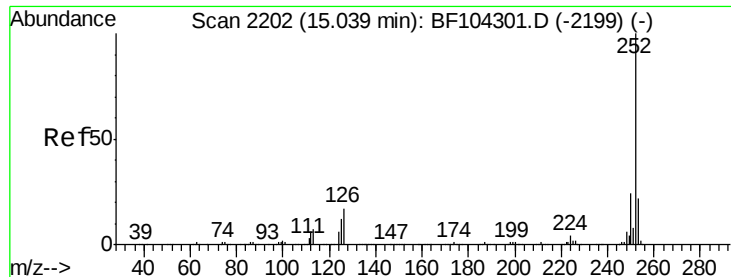
Tot Ion:264 Resp: 294622
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 29.115 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:252 Resp: 541759
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.3 9.0 13.6

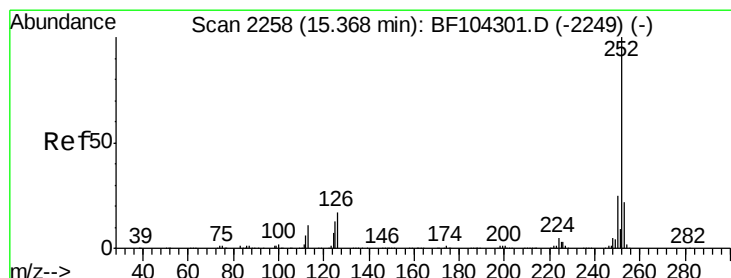
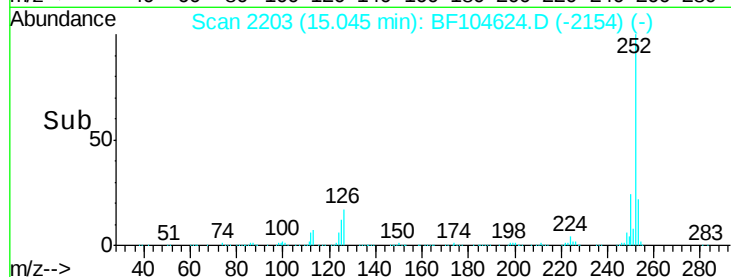
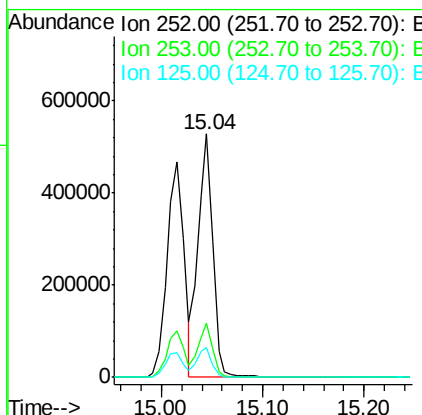
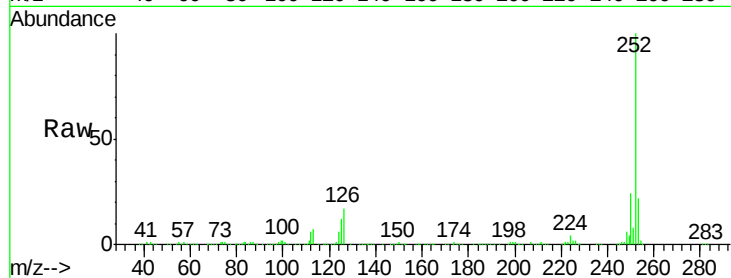




#88
Benzo(k)fluoranthene
Concen: 30.387 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

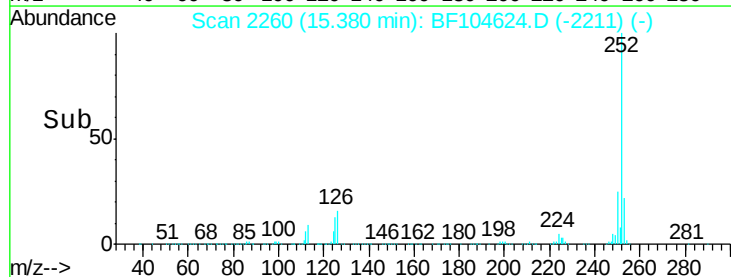
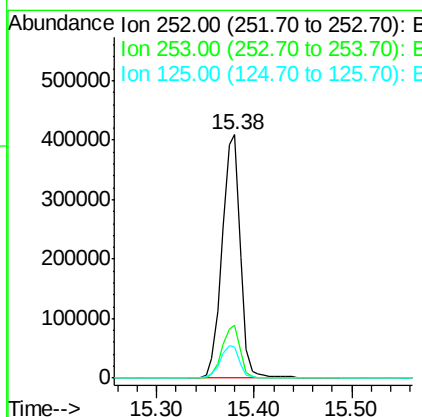
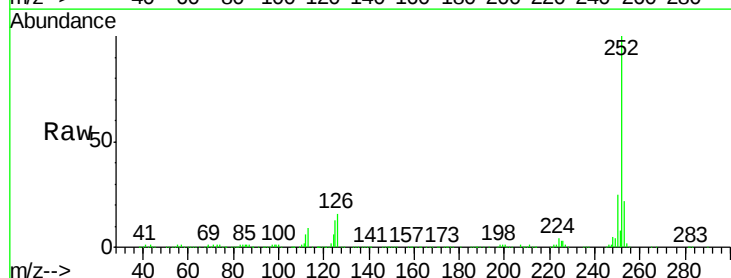
Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

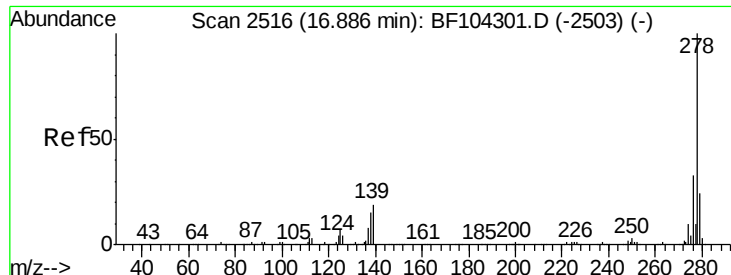
Tot Ion:252 Resp: 533826
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.0 10.2 15.2



#89
Benzo(a)pyrene
Concen: 31.778 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion:252 Resp: 529088
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 12.8 9.8 14.6

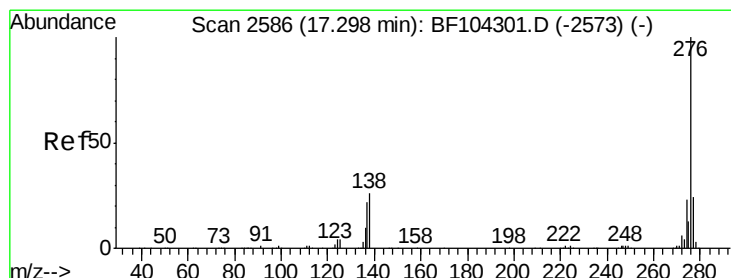
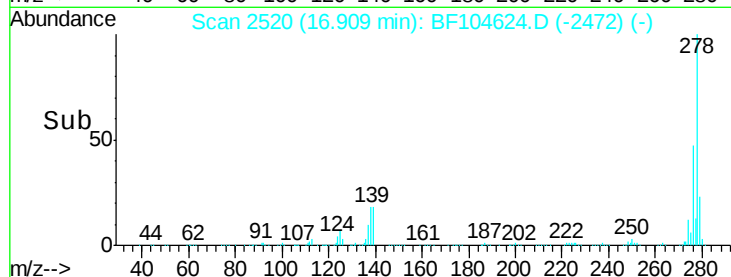
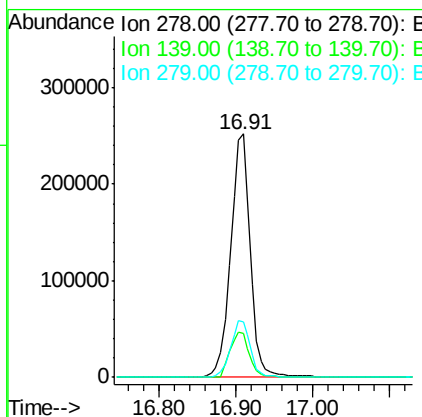
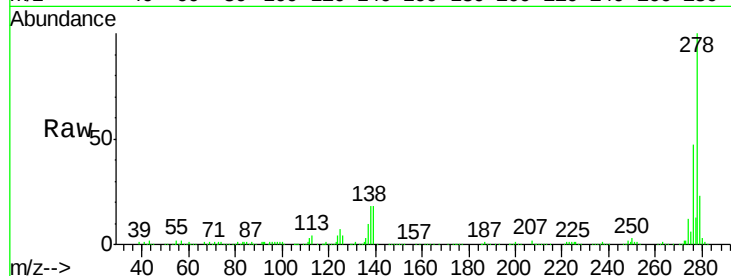




#90
Dibenzo(a,h)anthracene
Concen: 33.038 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Instrument :
BNA_F
ClientSampleId :
COMP-B1-18-20MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	22.9	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 33.754 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.02 min
Lab File: BF104624.D
Acq: 19 Apr 2018 12:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	24.2	21.8	32.8

