

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104417.D
 Acq On : 10 Apr 2018 19:00
 Operator : JU/SJ
 Sample : PB108119BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:54:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132694	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	517033	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	200134	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	298602	20.00	ng	0.00
75) Chrysene-d12	13.98	240	275877	20.00	ng	0.00
86) Perylene-d12	15.44	264	206979	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	808795	93.20	ng	0.02
7) Phenol-d6	6.44	99	984051	92.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	597304	75.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	177095	85.30	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	996626	78.67	ng	0.00
78) Terphenyl-d14	12.93	244	775895	64.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	113951	28.180	ng	89
3) Pyridine	3.34	79	327240	28.784	ng	87
4) n-Nitrosodimethylamine	3.29	42	115957	29.178	ng	# 78
6) Aniline	6.47	93	181415	12.246	ng	97
8) 2-Chlorophenol	6.59	128	296506	32.371	ng	96
9) Benzaldehyde	6.36	77	202737	36.524	ng	98
10) Phenol	6.45	94	358797	31.714	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	287429	31.837	ng	96
12) 1,3-Dichlorobenzene	6.75	146	317882	30.634	ng	97
13) 1,4-Dichlorobenzene	6.83	146	317015	30.648	ng	99
14) 1,2-Dichlorobenzene	6.98	146	300047	31.302	ng	99
15) Benzyl Alcohol	6.95	79	246786	30.473	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	373501	30.806	ng	93
17) 2-Methylphenol	7.06	107	236568	29.712	ng	99
18) Hexachloroethane	7.32	117	97291	26.380	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	197998	28.417	ng	95
20) 3+4-Methylphenols	7.21	107	289266	29.294	ng	# 81
22) Acetophenone	7.22	105	395687	31.085	ng	96
24) Nitrobenzene	7.39	77	296433	33.909	ng	99
25) Isophorone	7.63	82	481007	28.727	ng	98
26) 2-Nitrophenol	7.71	139	141797	39.843	ng	89
27) 2,4-Dimethylphenol	7.75	122	225793	30.556	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	332543	32.483	ng	99
29) 2,4-Dichlorophenol	7.95	162	226630	32.143	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	242421	31.329	ng	96
31) Naphthalene	8.12	128	751740	29.199	ng	99
32) Benzoic acid	7.85	122	168033	28.499	ng	98
33) 4-Chloroaniline	8.16	127	69220	6.276	ng	97
34) Hexachlorobutadiene	8.23	225	135879	32.059	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	228609	30.238	ng	98
37) 2-Methylnaphthalene	8.80	142	464456	27.890	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	204309	35.662	ng	99
40) Hexachlorocyclopentadiene	8.96	237	47295	14.746	ng	96
42) 2,4,6-Trichlorophenol	9.08	196	139405	35.053	ng	98

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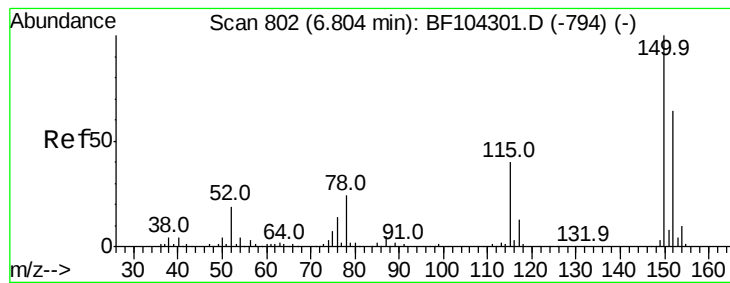
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.12	196	140026	31.464	ng	95
45) 1,1'-Biphenyl	9.27	154	579154	34.448	ng	100
46) 2-Chloronaphthalene	9.29	162	447308	33.683	ng	99
47) 2-Nitroaniline	9.39	65	131751	40.118	ng	89
48) Acenaphthylene	9.71	152	627666	30.125	ng	100
49) Dimethylphthalate	9.57	163	523880	33.194	ng	100
50) 2,6-Dinitrotoluene	9.63	165	106143	36.347	ng	91
51) Acenaphthene	9.88	154	376123	29.587	ng	99
52) 3-Nitroaniline	9.80	138	69852	20.432	ng	98
53) 2,4-Dinitrophenol	9.90	184	12774	19.533	ng	# 22
54) Dibenzofuran	10.06	168	553461	31.240	ng	98
55) 4-Nitrophenol	9.96	139	163791	60.989	ng	97
56) 2,4-Dinitrotoluene	10.03	165	122139	31.885	ng	97
57) Fluorene	10.40	166	376164	29.171	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	100583	30.295	ng	93
59) Diethylphthalate	10.27	149	490411	31.201	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	202466	35.255	ng	93
61) 4-Nitroaniline	10.41	138	90156	26.970	ng	98
62) Azobenzene	10.55	77	436716	29.082	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	11706	14.164	ng	86
65) n-Nitrosodiphenylamine	10.51	169	372994	36.027	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	113220	35.647	ng	92
67) Hexachlorobenzene	10.95	284	118333	33.111	ng	# 87
68) Atrazine	11.03	200	112009	35.842	ng	99
69) Pentachlorophenol	11.14	266	129809	58.711	ng	97
70) Phenanthrene	11.36	178	501304	30.146	ng	98
71) Anthracene	11.41	178	503111	29.764	ng	99
72) Carbazole	11.57	167	518863	31.413	ng	99
73) Di-n-butylphthalate	11.90	149	631667	31.306	ng	99
74) Fluoranthene	12.55	202	528218	30.403	ng	98
76) Benzidine	12.68	184	526689	67.610	ng	97
77) Pyrene	12.78	202	550334	26.913	ng	99
79) Butylbenzylphthalate	13.40	149	271521	28.184	ng	99
80) Benzo(a)anthracene	13.97	228	511993	31.065	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	199882	32.527	ng	97
82) Chrysene	14.01	228	503790	29.760	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	383240	30.928	ng	99
84) Di-n-octyl phthalate	14.58	149	689002	33.277	ng	96
85) Indeno(1,2,3-cd)pyrene	16.89	276	341037	23.715	ng	98
87) Benzo(b)fluoranthene	15.02	252	422192	32.296	ng	99
88) Benzo(k)fluoranthene	15.05	252	409495	33.180	ng	98
89) Benzo(a)pyrene	15.38	252	359666	30.750	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	289146	30.099	ng	98
91) Benzo(g,h,i)perylene	17.33	276	275200	29.569	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

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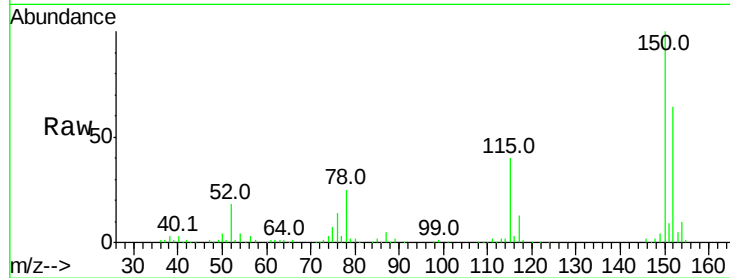
Tot Ion:152 Resp: 132694

Ion Ratio Lower Upper

152 100

150 155.4 124.6 186.8

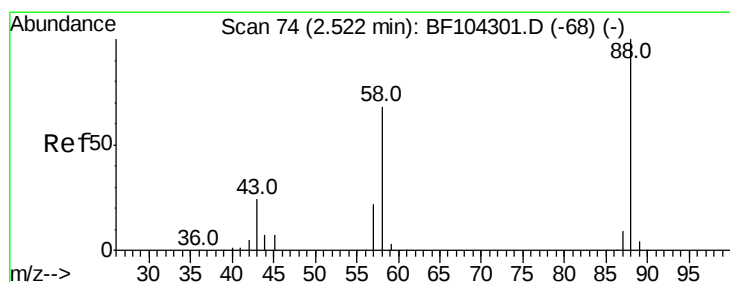
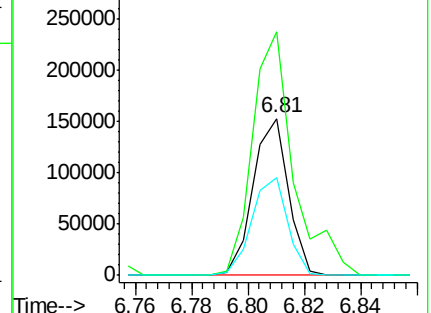
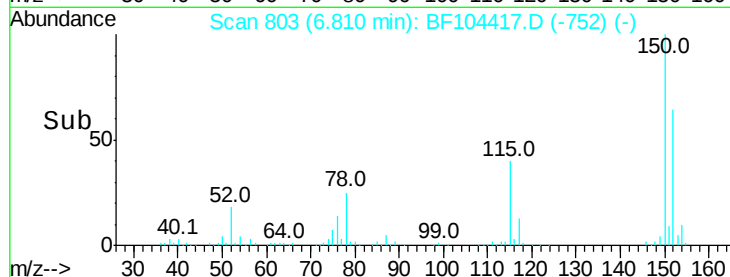
115 62.4 50.1 75.1



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



#2

1,4-Dioxane

Concen: 28.180 ng

RT: 2.60 min Scan# 87

Delta R.T. 0.06 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

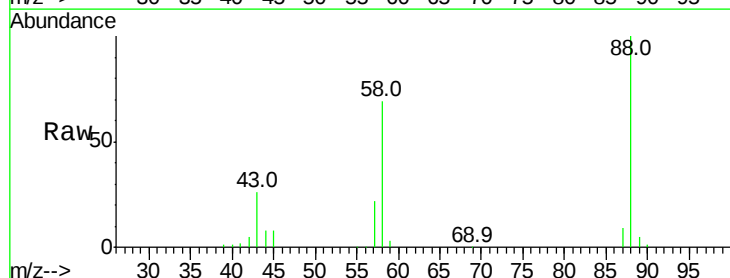
Tgt Ion: 88 Resp: 113951

Ion Ratio Lower Upper

88 100

58 68.6 62.6 93.8

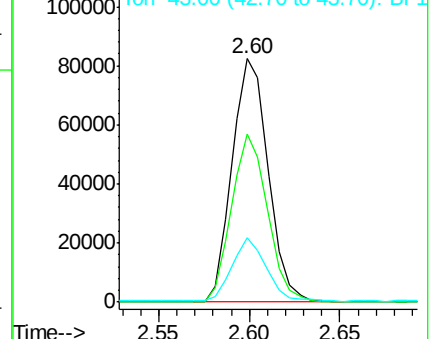
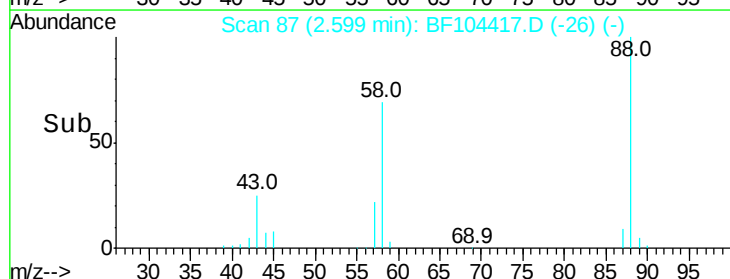
43 24.7 24.6 37.0

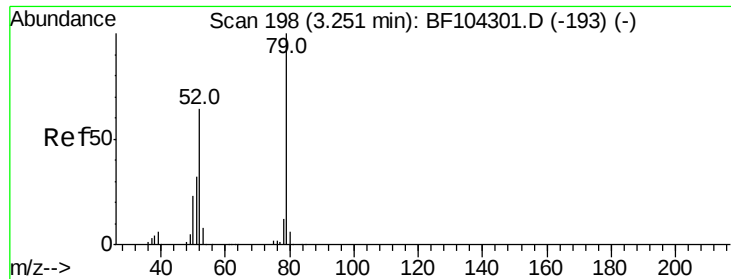


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

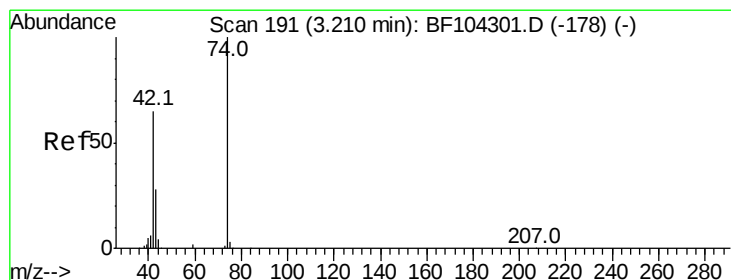
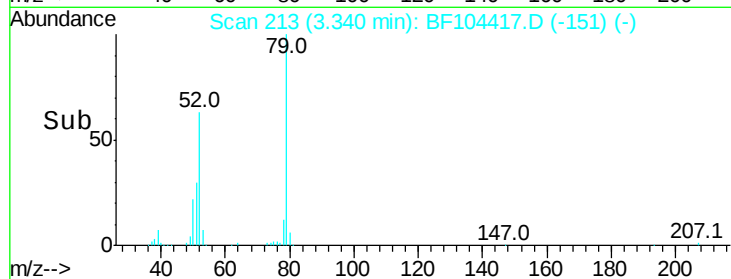
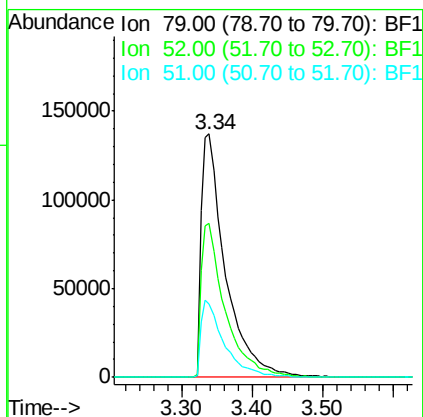
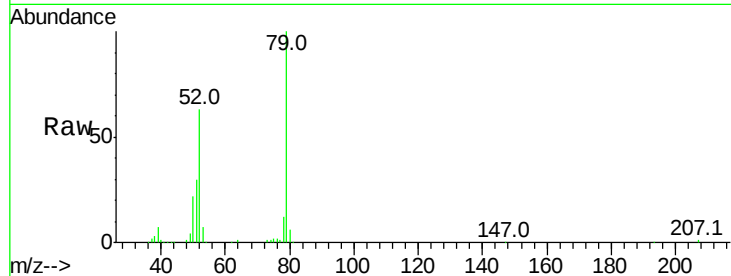




#3
 Pvridine
 Concen: 28.784 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.06 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

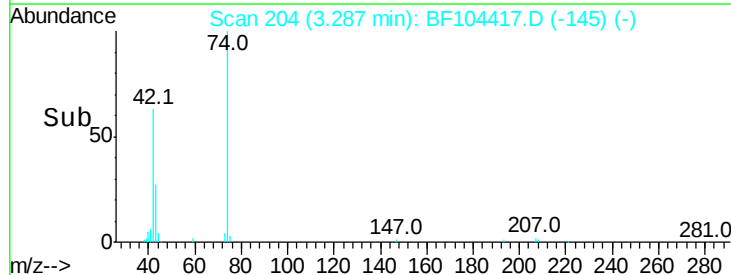
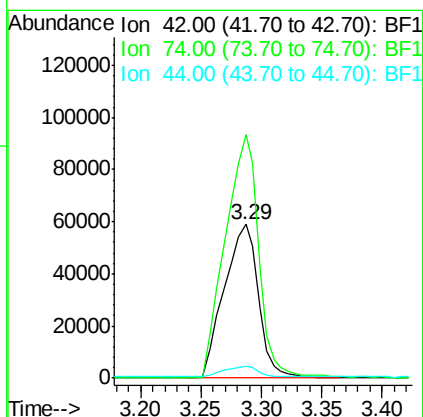
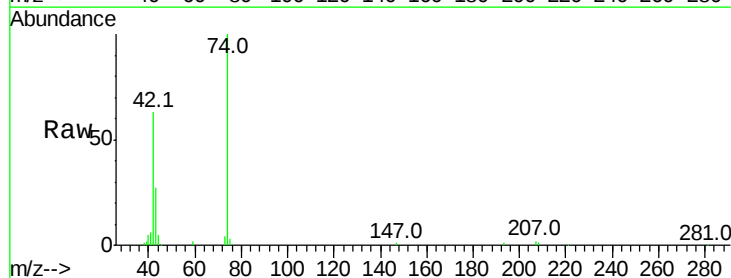
Instrument :
 BNA_F
 ClientSampleId :

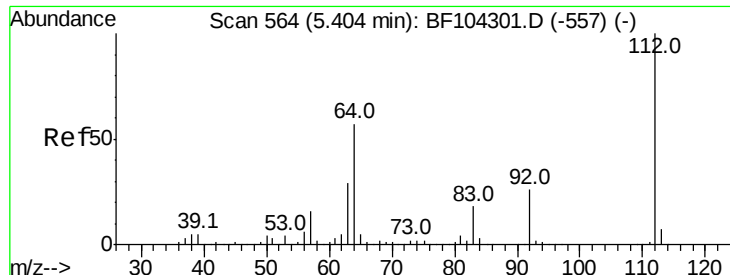
Tot Ion: 79 Resp: 327240
 Ion Ratio Lower Upper
 79 100
 52 63.2 59.8 89.6
 51 30.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 29.178 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.05 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion: 42 Resp: 115957
 Ion Ratio Lower Upper
 42 100
 74 158.6 104.9 157.3#
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 93.199 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampled :

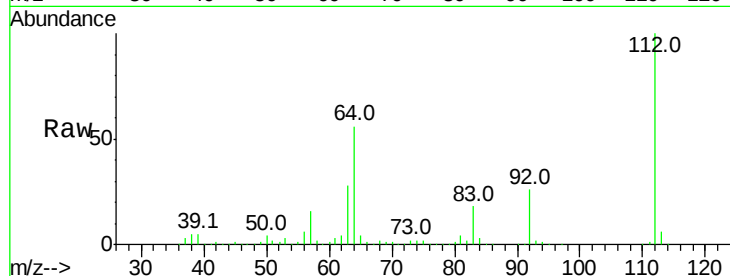
Tot Ion:112 Resp: 808795

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

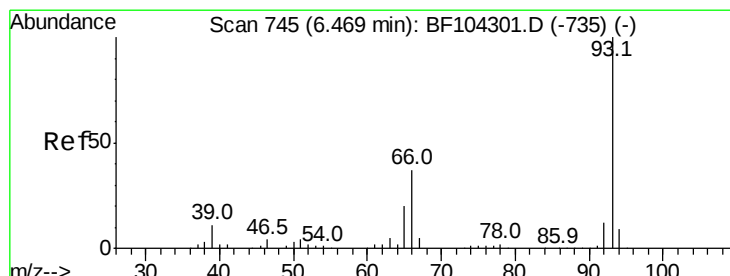
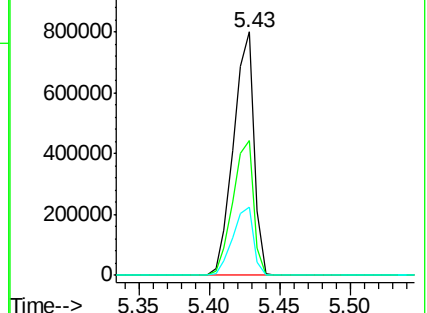
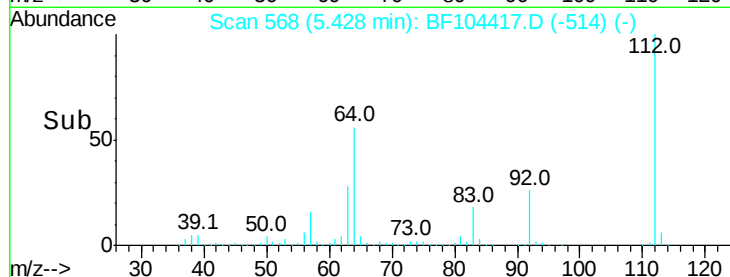
63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.246 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

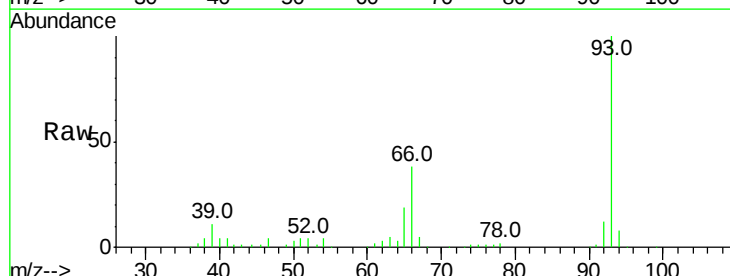
Tgt Ion: 93 Resp: 181415

Ion Ratio Lower Upper

93 100

66 38.0 32.2 48.2

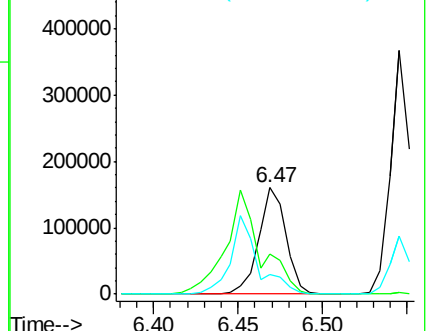
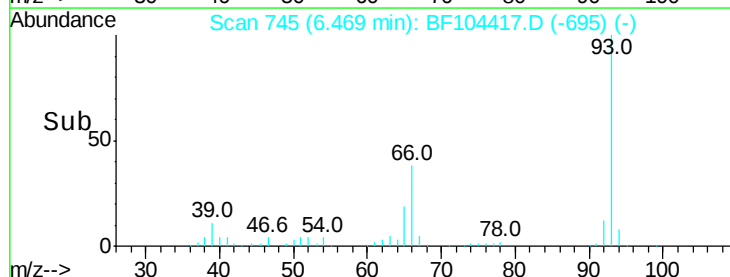
65 18.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.290 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

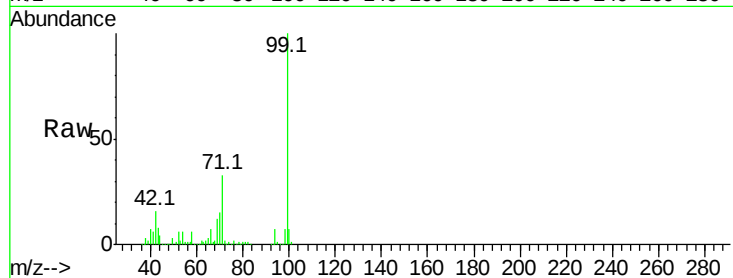
Tot Ion: 99 Resp: 984051

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

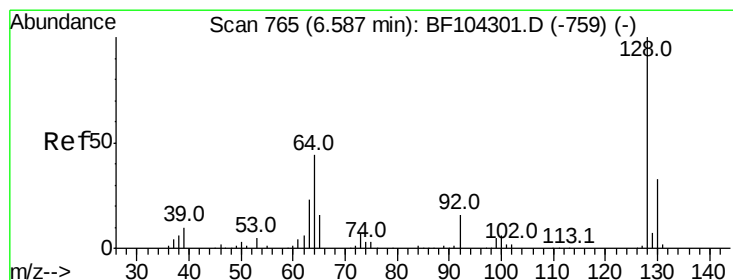
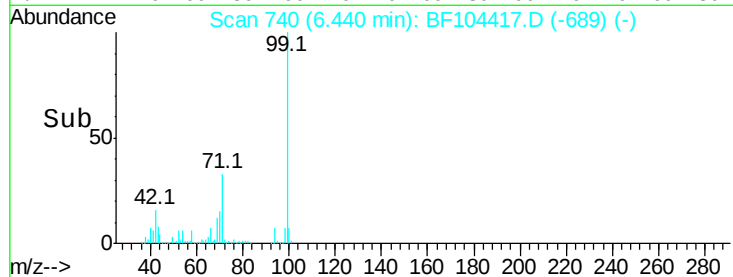
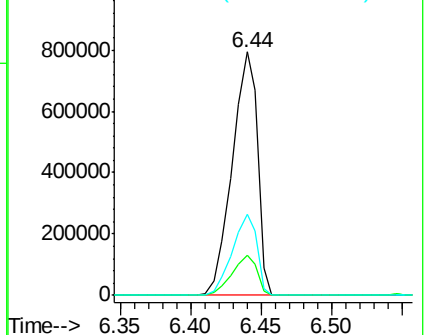
71 33.1 25.4 38.0



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: 32.371 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

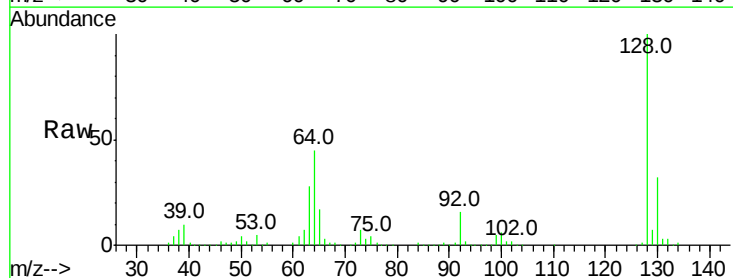
Tgt Ion: 128 Resp: 296506

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

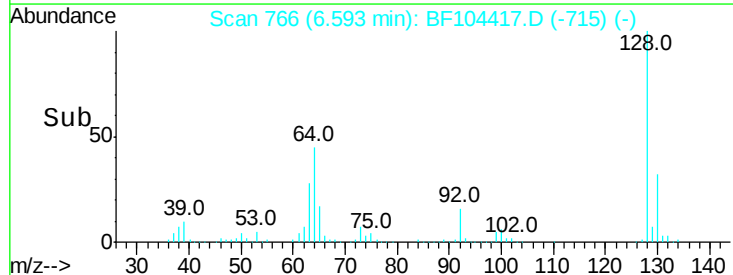
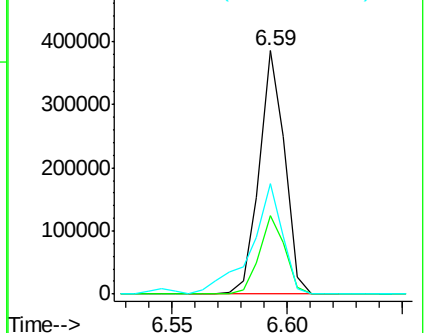
64 45.3 29.4 69.4

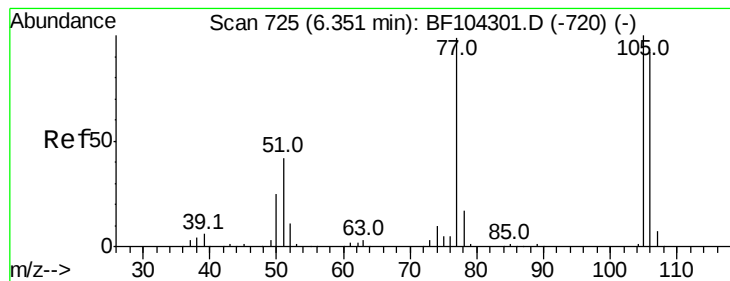


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.524 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

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ClientSampleId :

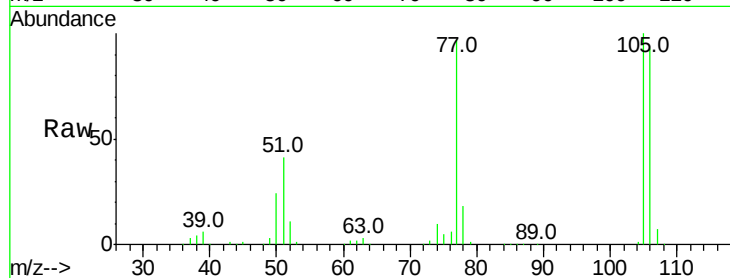
Tot Ion: 77 Resp: 202737

Ion Ratio Lower Upper

77 100

105 103.5 81.1 121.1

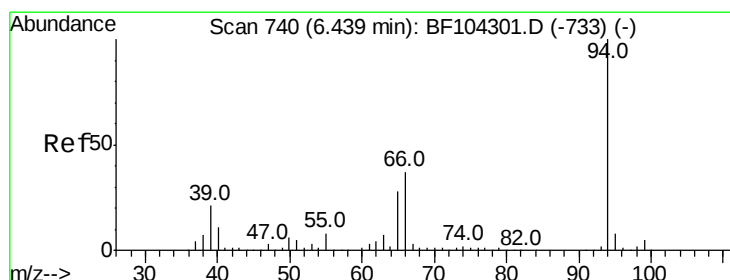
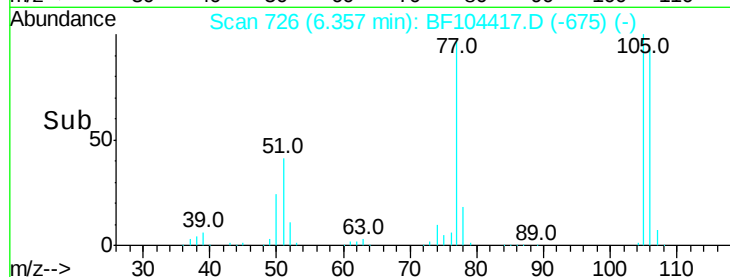
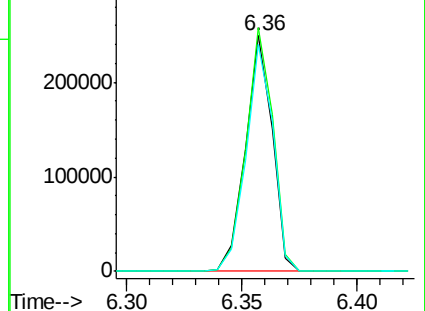
106 96.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.714 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

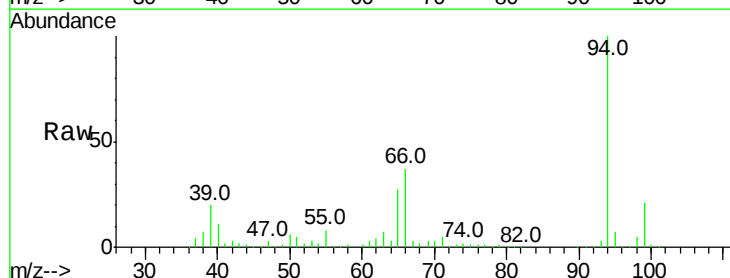
Tgt Ion: 94 Resp: 358797

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

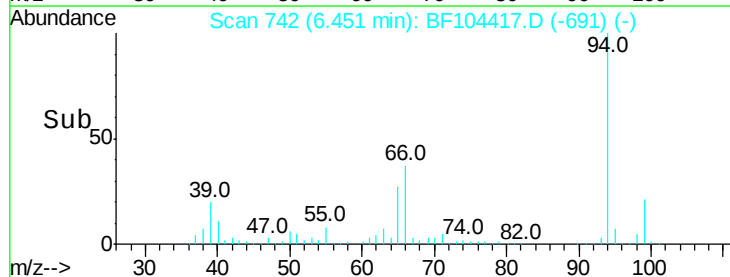
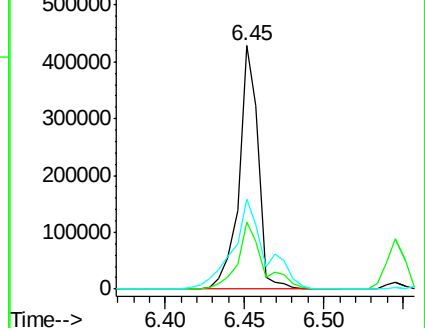
66 36.7 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.837 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

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BNA_F

ClientSampleId :

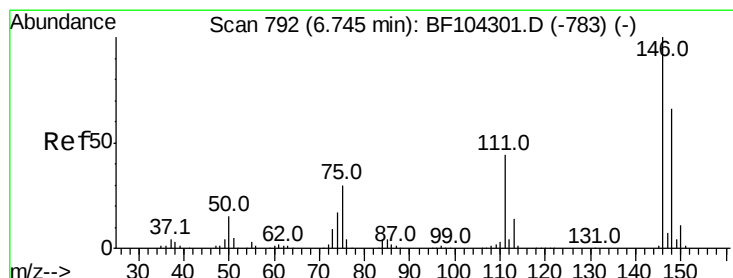
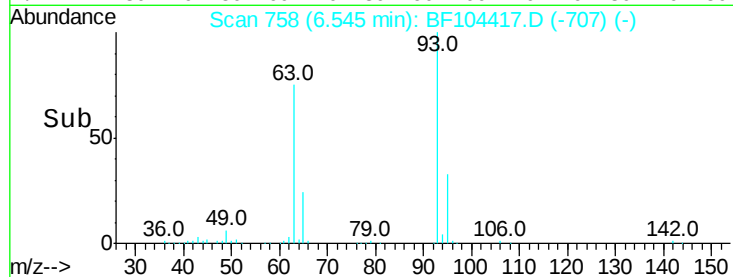
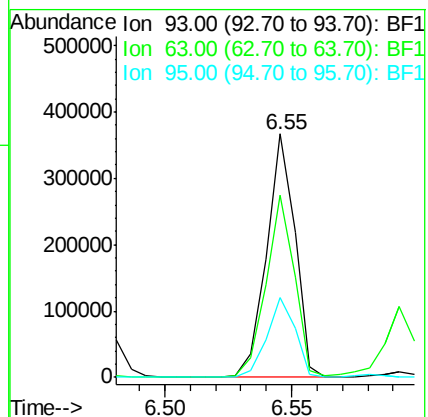
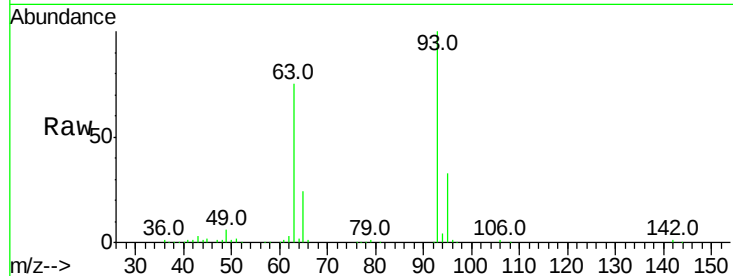
Tot Ion: 93 Resp: 287429

Ion Ratio Lower Upper

93 100

63 74.6 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 30.634 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

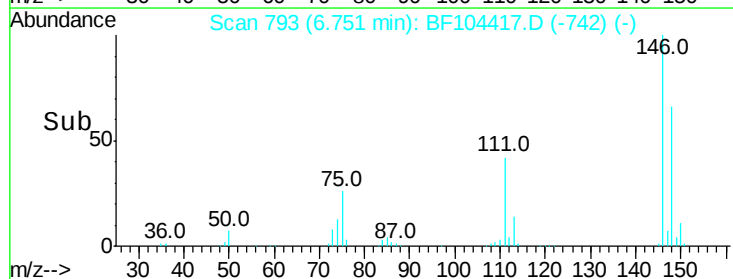
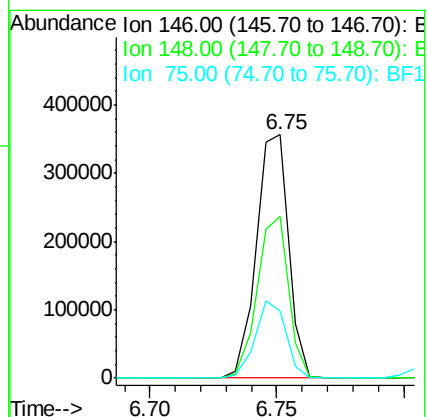
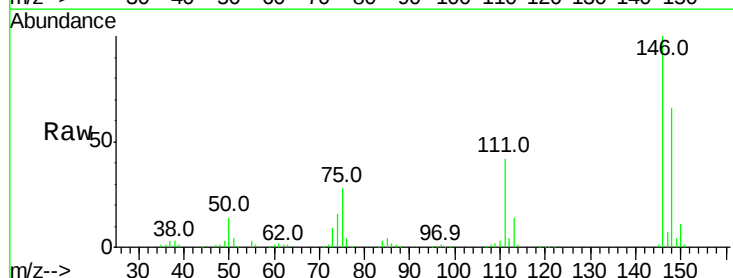
Tgt Ion: 146 Resp: 317882

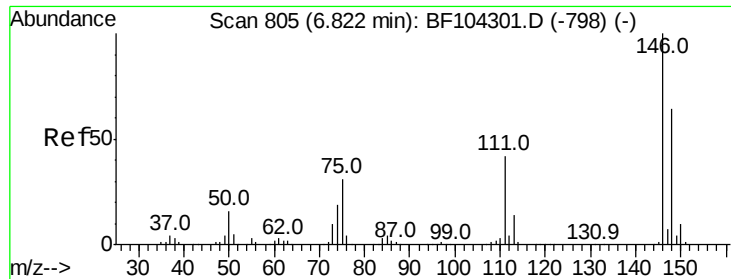
Ion Ratio Lower Upper

146 100

148 66.2 51.8 77.8

75 27.7 24.2 36.4

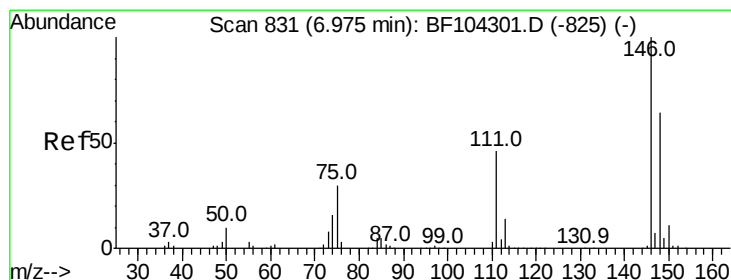
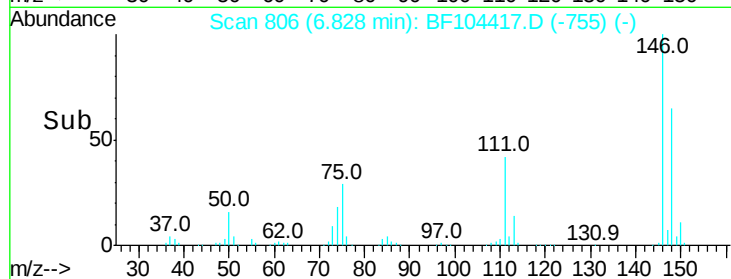
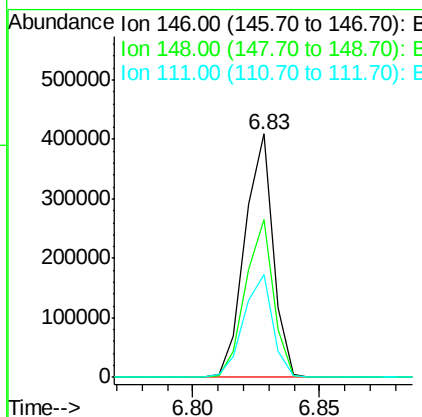
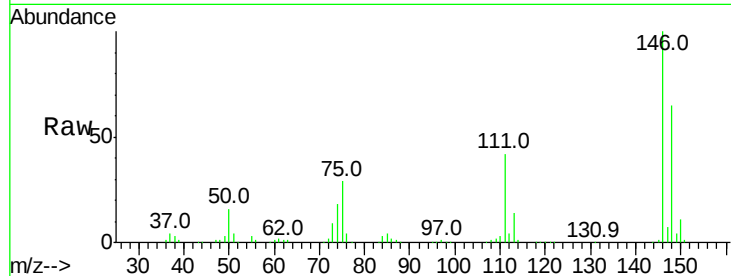




#13
 1,4-Dichlorobenzene
 Concen: 30.648 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

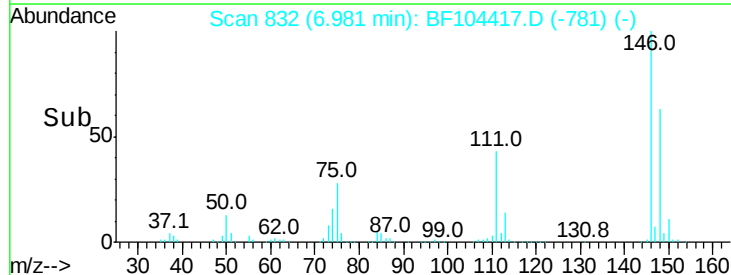
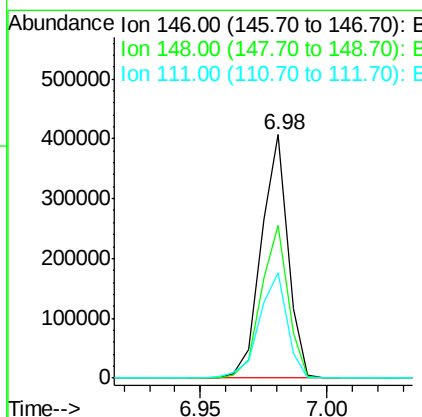
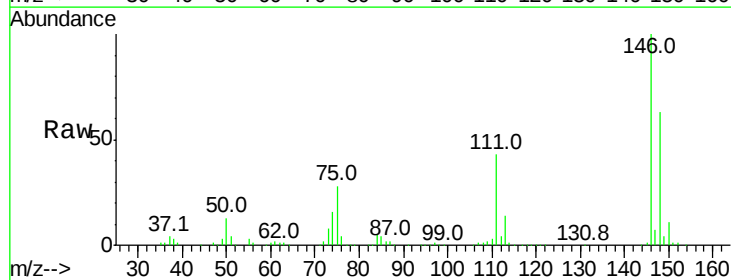
Instrument :
 BNA_F
 ClientSampled :

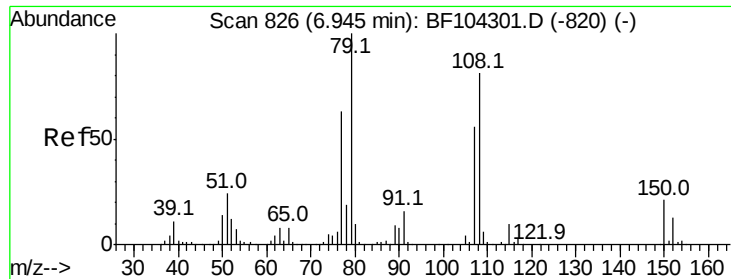
Tot Ion:146 Resp: 317015
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.302 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:146 Resp: 300047
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 43.4 36.0 54.0

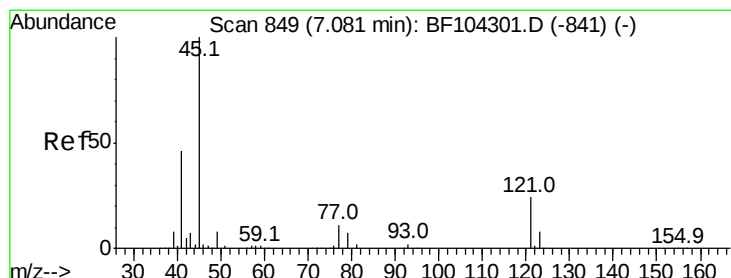
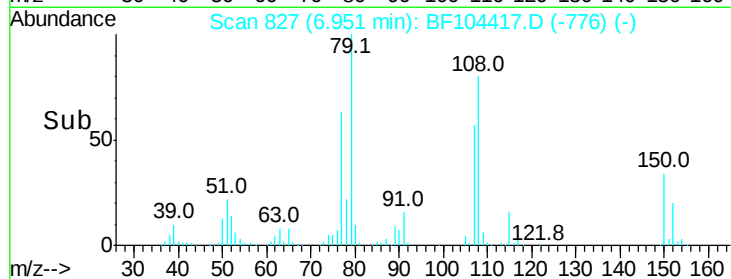
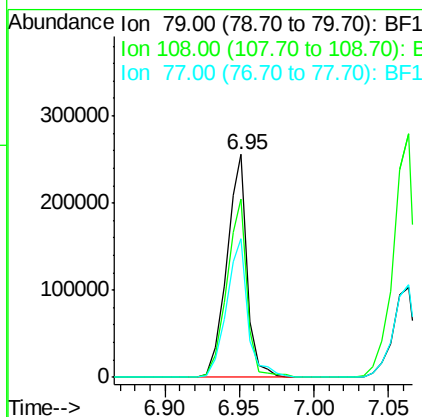
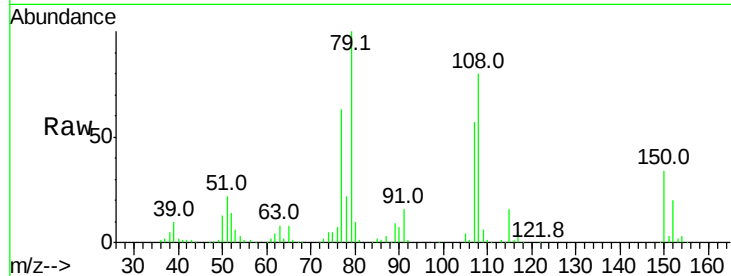




#15
Benzyl Alcohol
Concen: 30.473 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

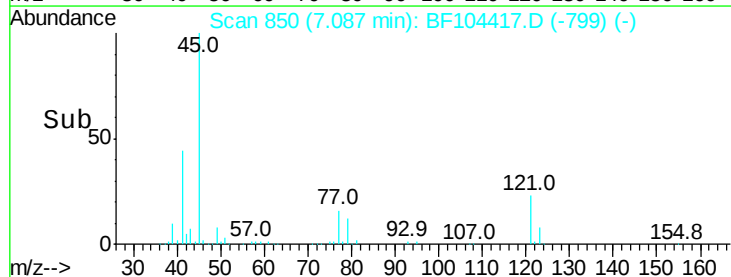
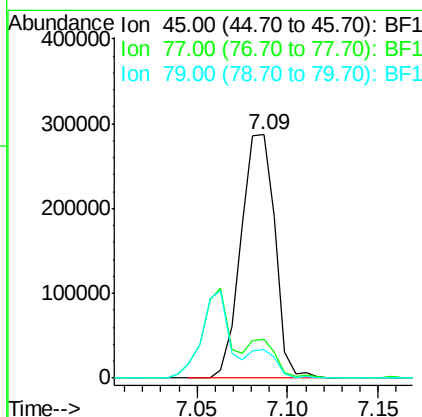
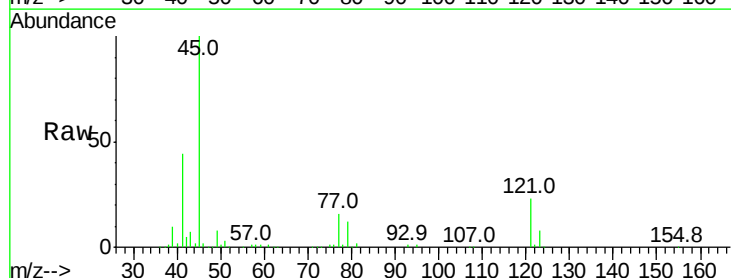
Instrument :
BNA_F
ClientSampleId :

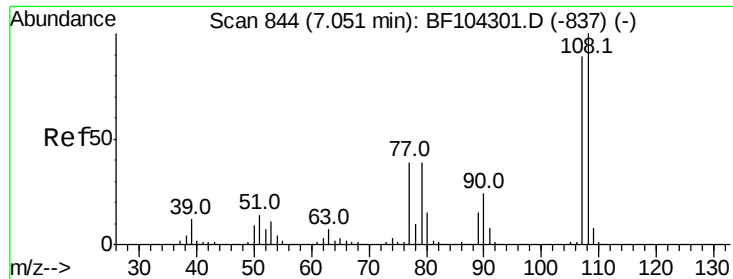
Tot Ion: 79 Resp: 246786
Ion Ratio Lower Upper
79 100
108 80.4 65.1 97.7
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.806 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion: 45 Resp: 373501
Ion Ratio Lower Upper
45 100
77 15.7 0.0 32.9
79 11.9 0.0 29.6

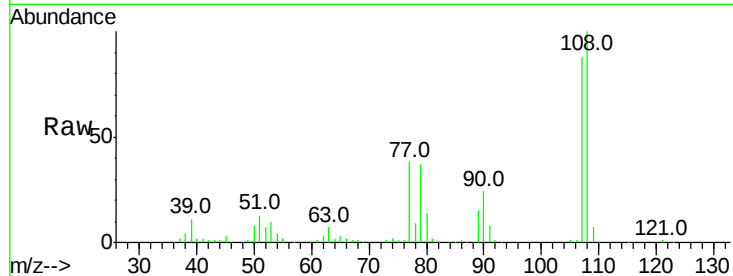




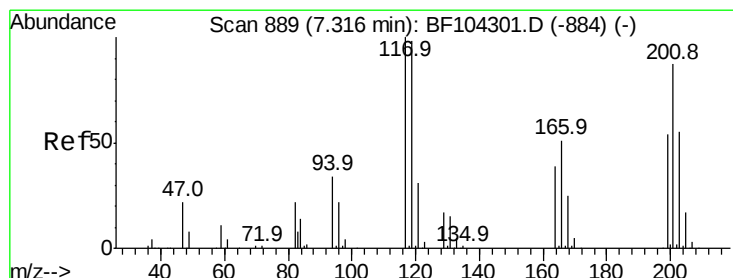
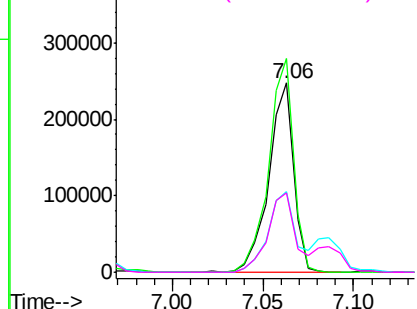
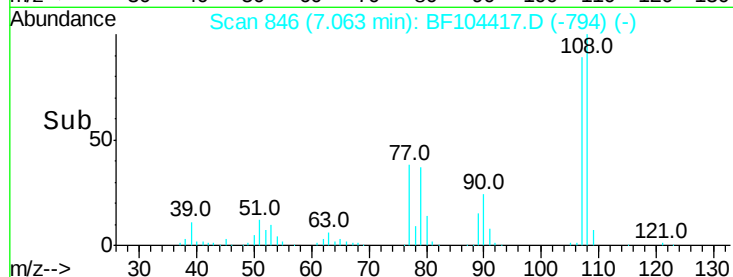
#17
2-Methylphenol
Concen: 29.712 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 236568
Ion Ratio Lower Upper
107 100
108 113.1 91.7 137.5
77 42.8 33.8 50.8
79 41.7 33.8 50.8

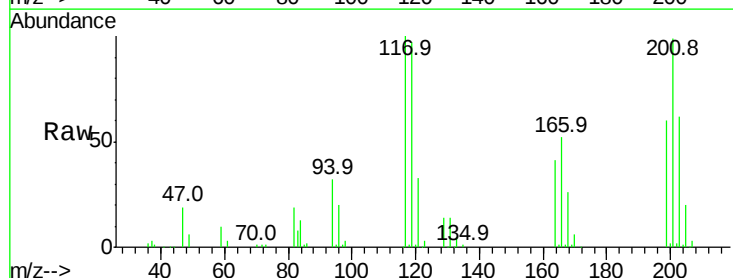


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

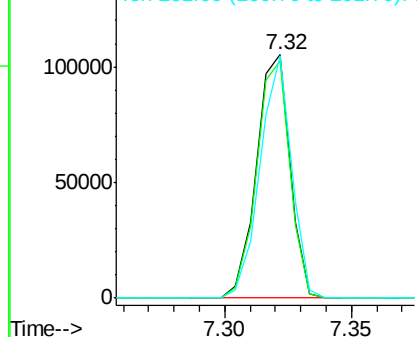
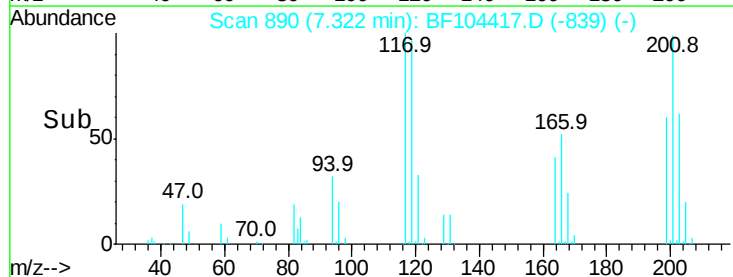


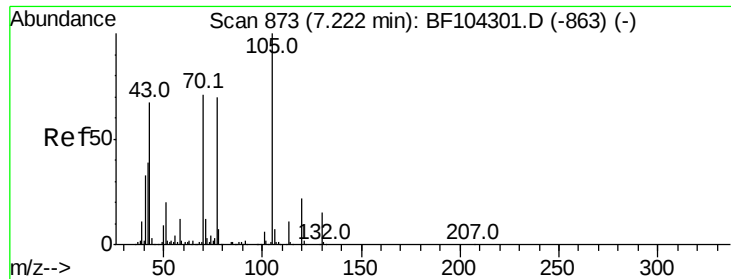
#18
Hexachloroethane
Concen: 26.380 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:117 Resp: 97291
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
201 99.3 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

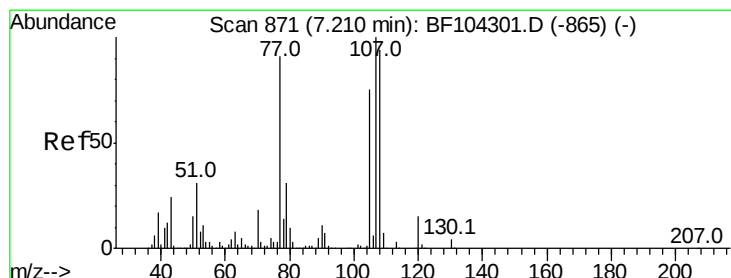
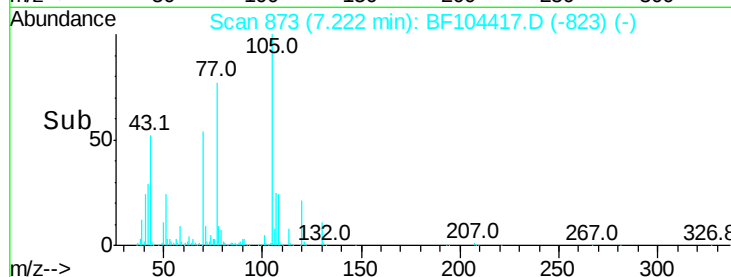
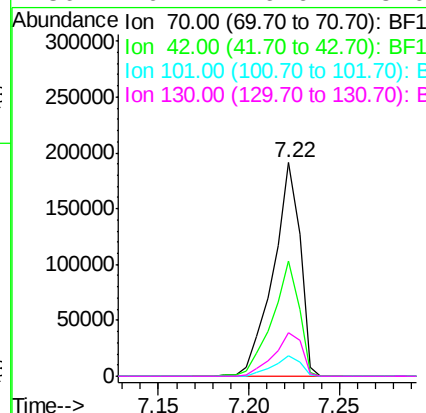
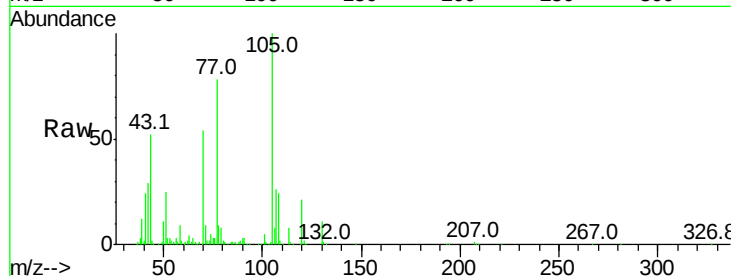




#19
n-Nitroso-di-n-propylamine
Concen: 28.417 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

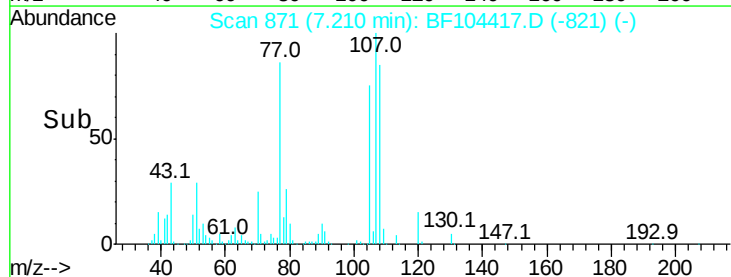
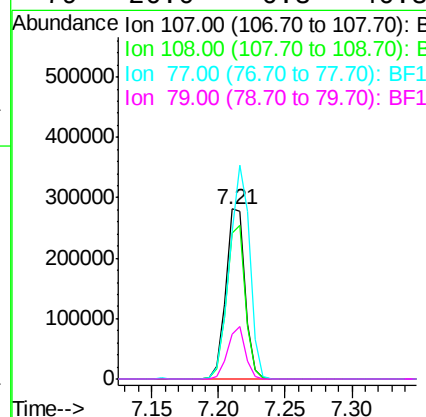
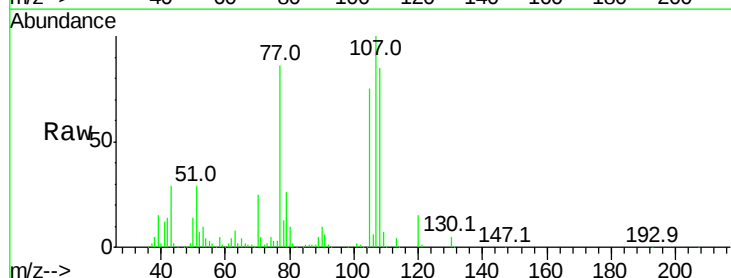
Instrument :
BNA_F
ClientSampled :

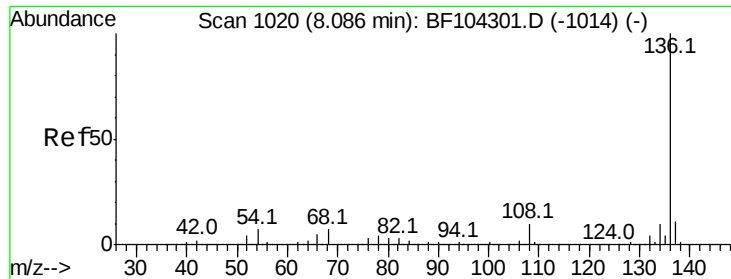
Tot Ion:	70	Resp:	197998
Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	9.3	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 29.294 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:	107	Resp:	289266
Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	86.4	26.7	66.7#
79	26.0	6.3	46.3

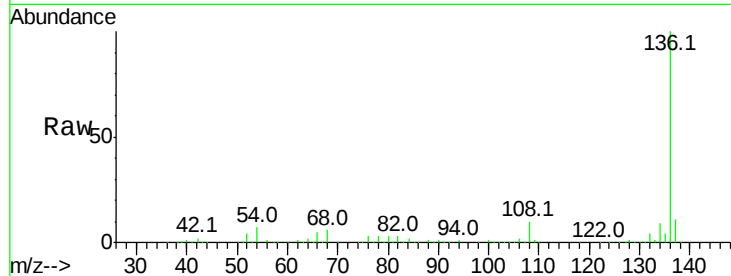




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 517033
Ion Ratio	Lower Upper
136 100	
137 10.6	8.9 13.3
54 7.0	6.6 9.8
68 6.2	5.0 7.4

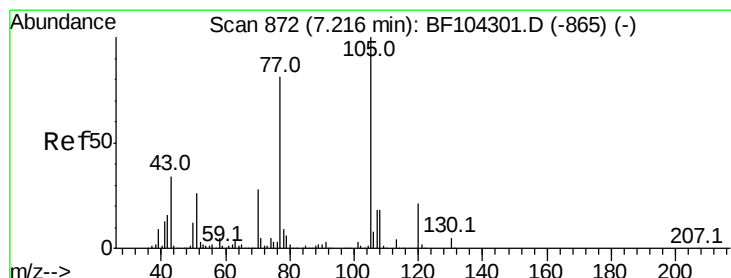
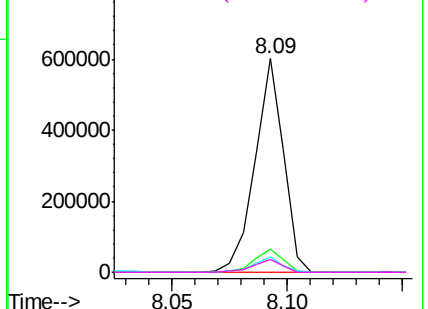
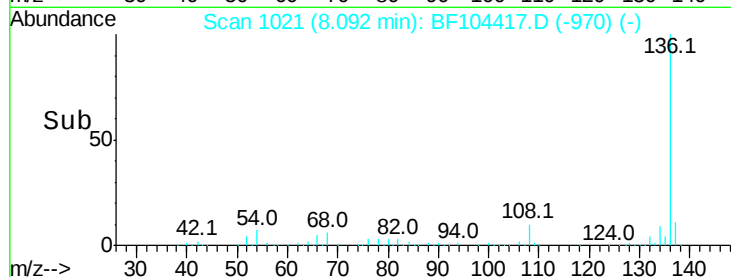


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

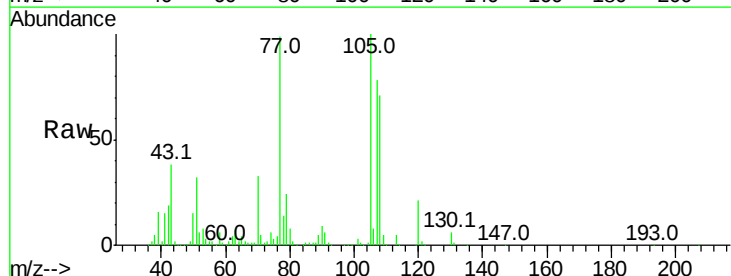
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 31.085 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt	Ion:105	Resp:	395687
Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	32.3	22.3	33.5
120	21.0	16.9	25.3

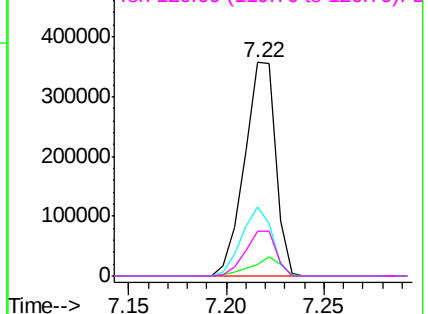
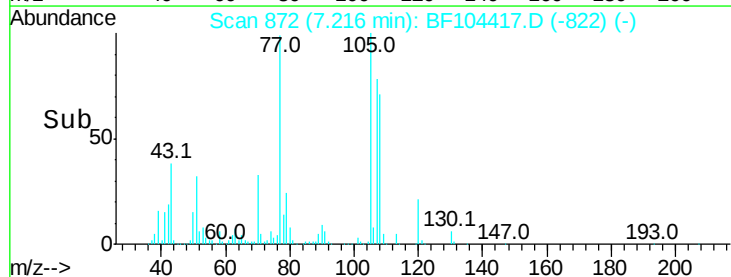


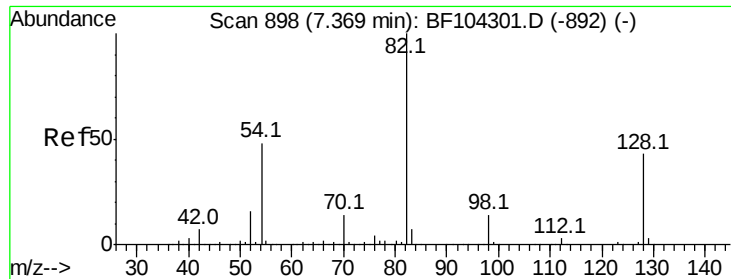
Abundance Ion 105.00 (104.70 to 105.70): E

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

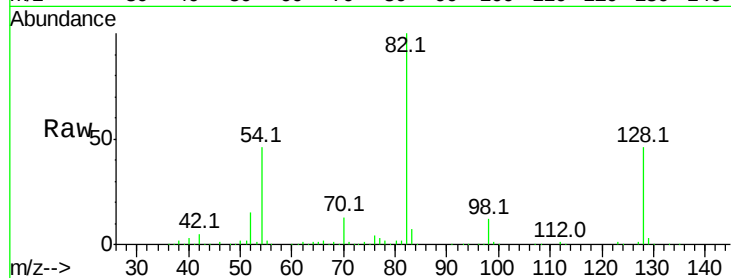




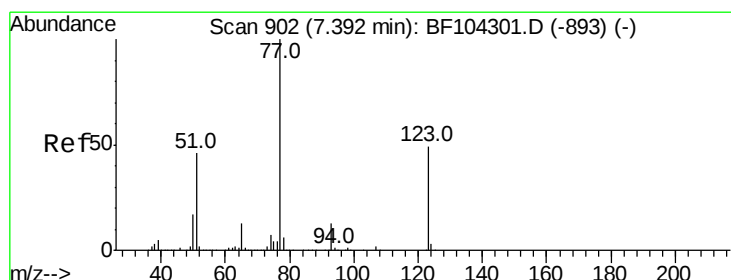
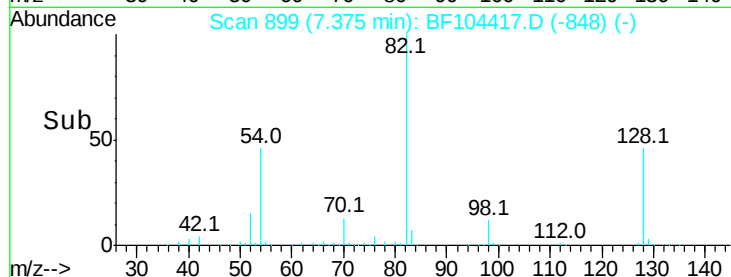
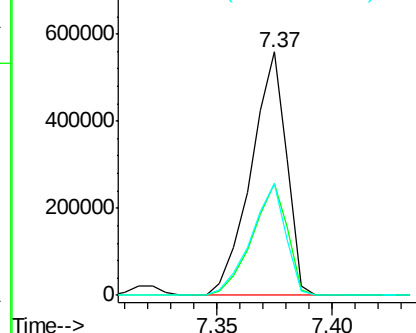
#23
Nitrobenzene-d5
Concen: 75.436 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 597304
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 45.7 41.4 62.2

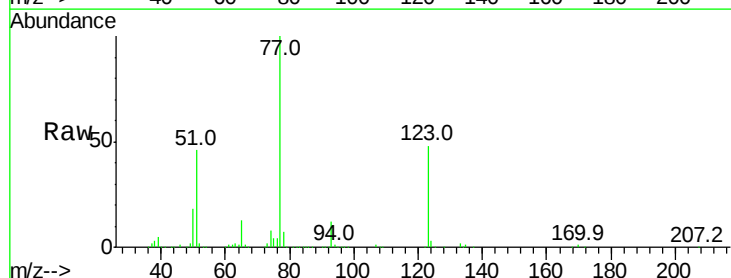


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

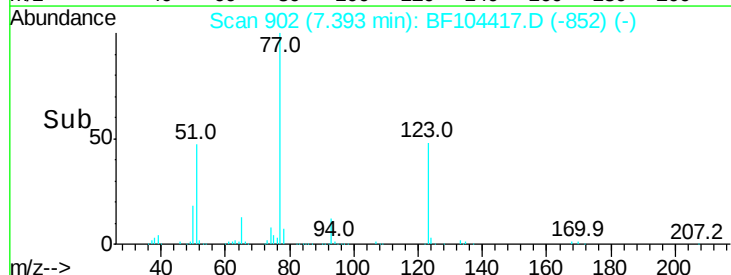
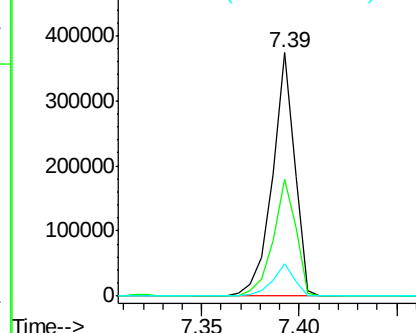


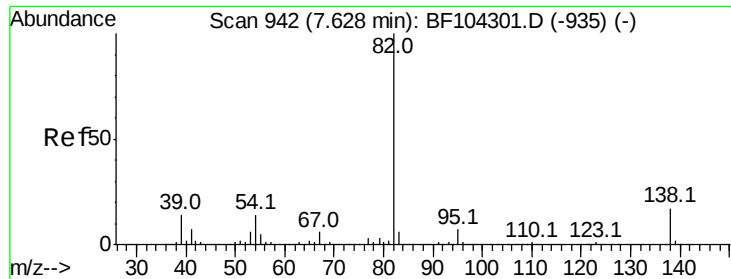
#24
Nitrobenzene
Concen: 33.909 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion: 77 Resp: 296433
Ion Ratio Lower Upper
77 100
123 47.9 37.9 56.9
65 13.2 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: 28.727 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

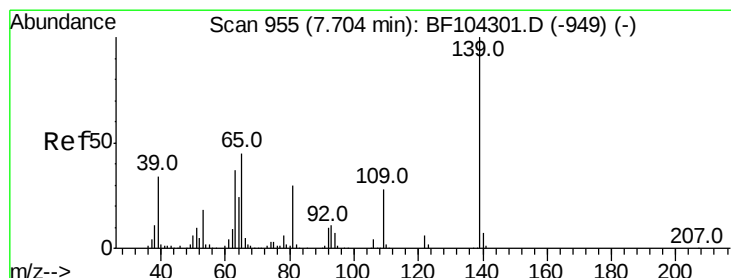
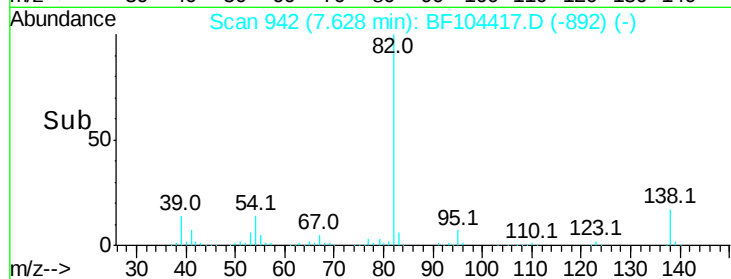
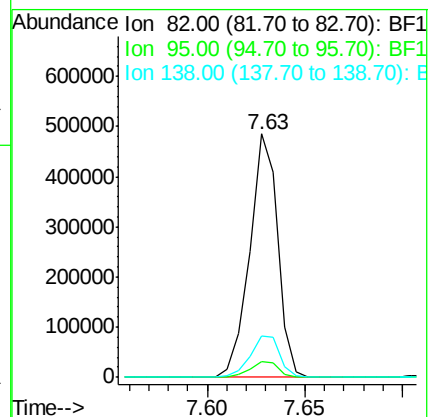
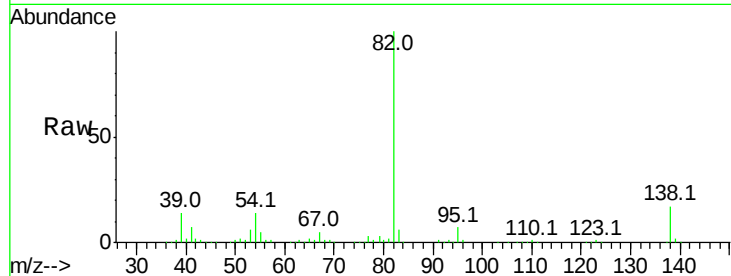
Tot Ion: 82 Resp: 481007

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.3 14.9 22.3



#26

2-Nitrophenol

Concen: 39.843 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

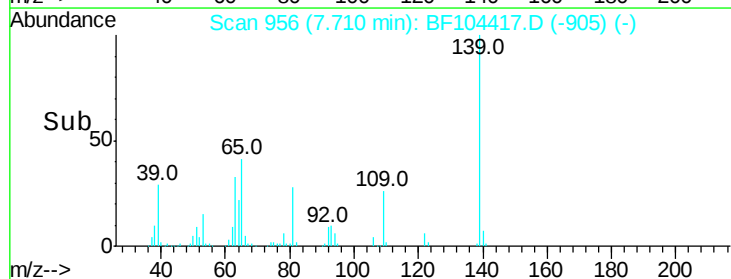
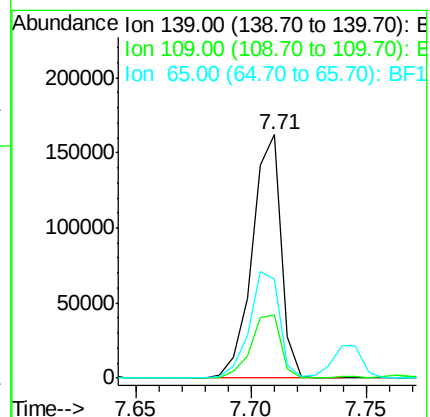
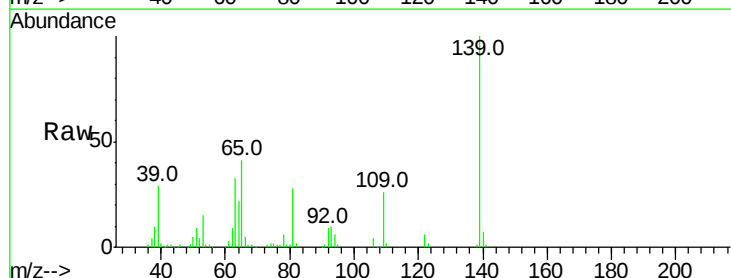
Tgt Ion: 139 Resp: 141797

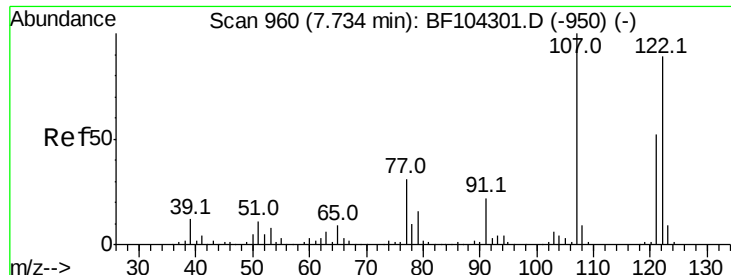
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 40.5 40.5 60.7

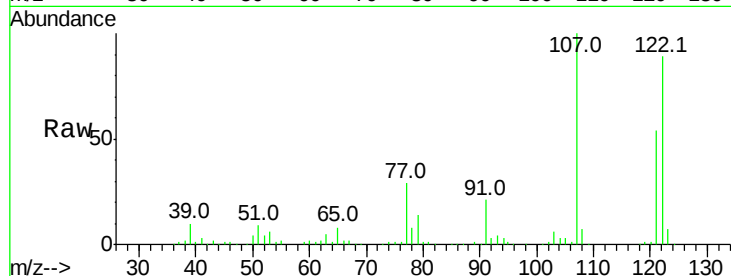




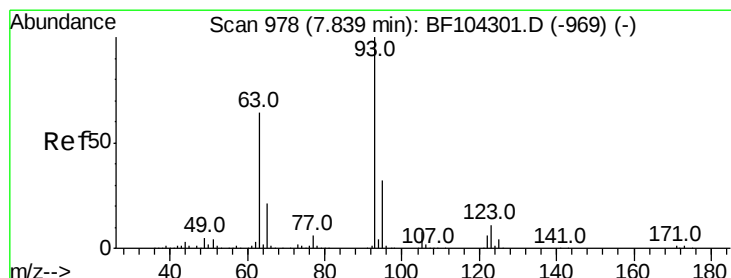
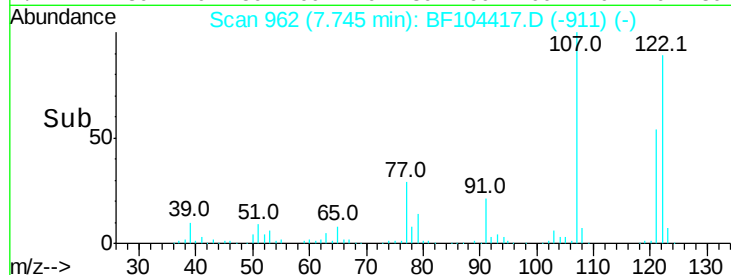
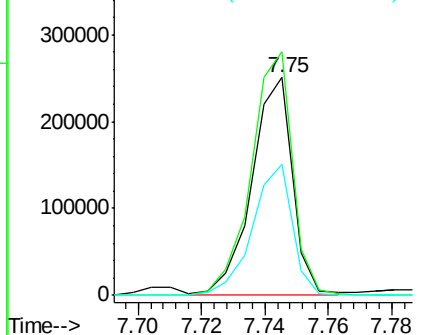
#27
 2,4-Dimethylphenol
 Concen: 30.556 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 225793
 Ion Ratio Lower Upper
 122 100
 107 111.7 91.2 136.8
 121 60.2 47.2 70.8

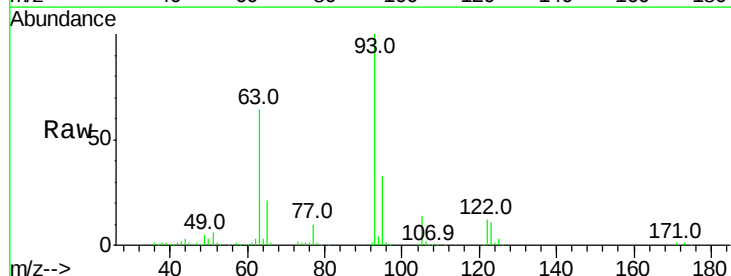


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

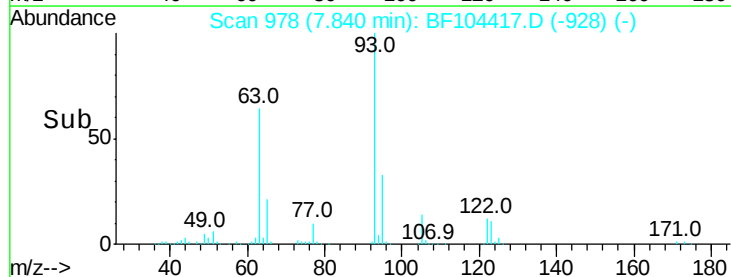
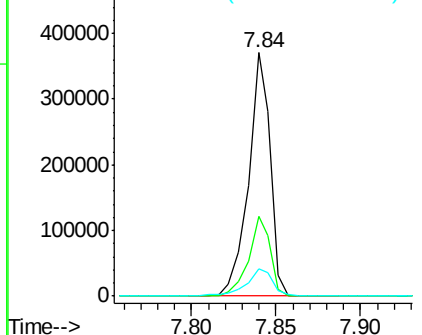


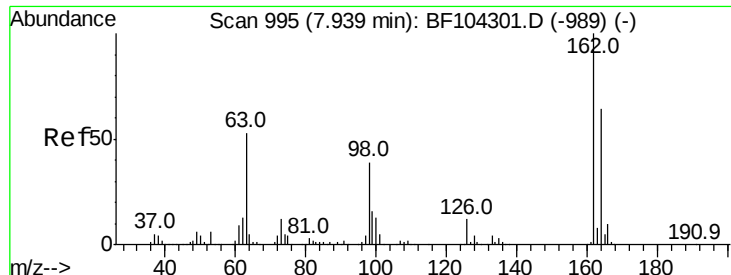
#28
 bis(2-Chloroethoxy)methane
 Concen: 32.483 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion: 93 Resp: 332543
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.2 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

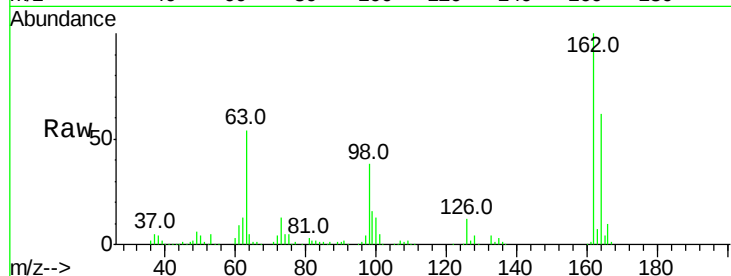




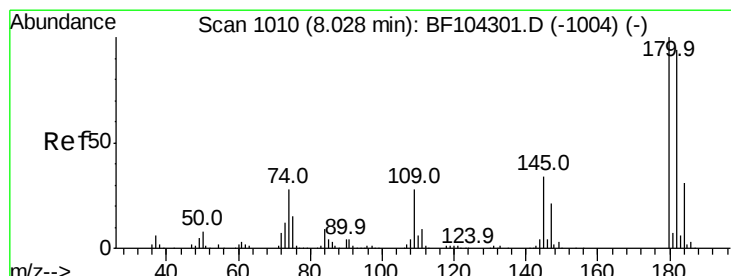
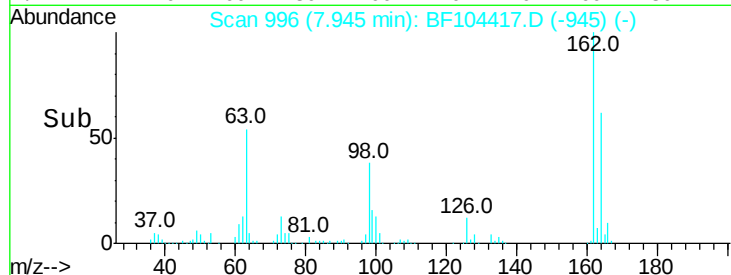
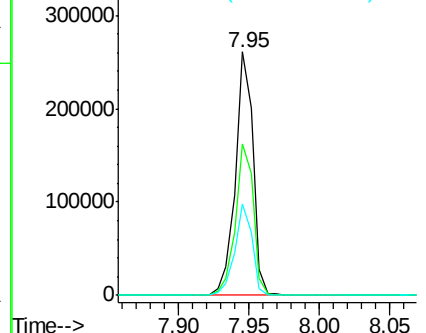
#29
2,4-Dichlorophenol
Concen: 32.143 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	42.7	82.7
98	37.6	18.1	58.1

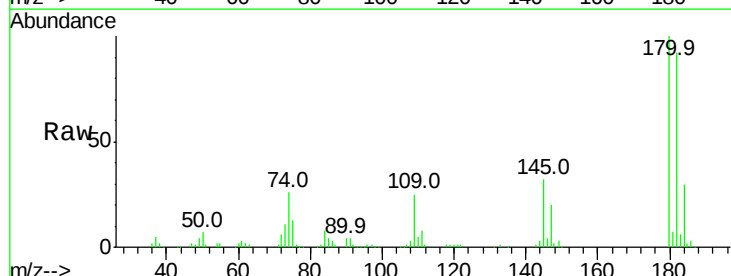


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

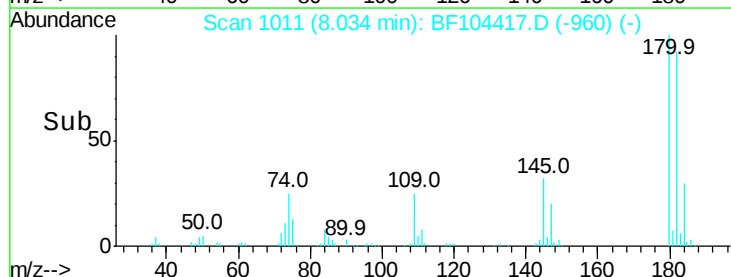
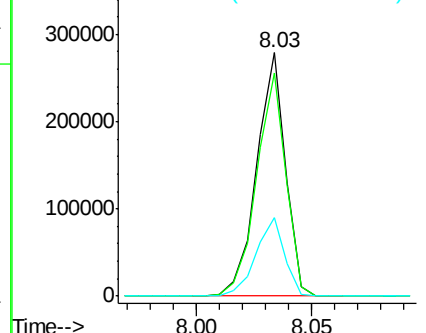


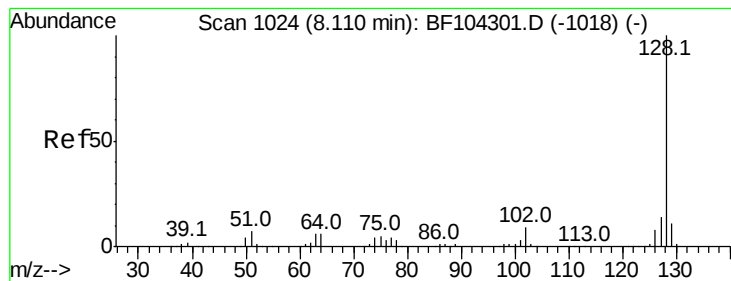
#30
1,2,4-Trichlorobenzene
Concen: 31.329 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.8	115.2
145	32.0	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: 29.199 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

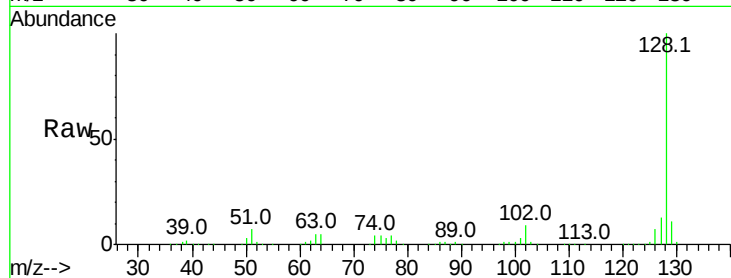
Tot Ion:128 Resp: 751740

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

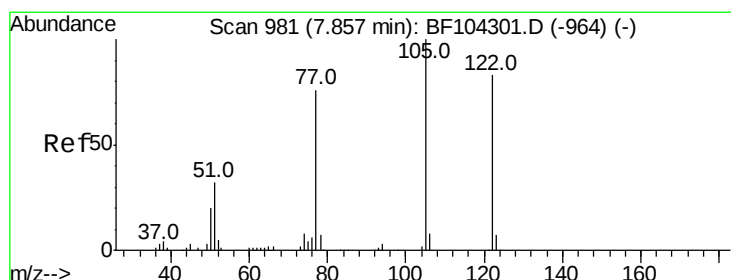
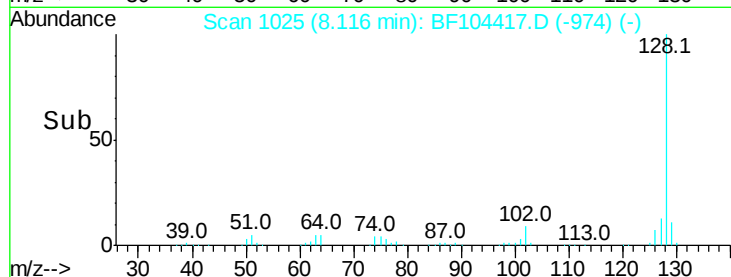
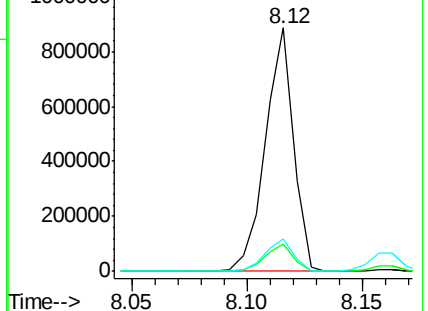
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.499 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

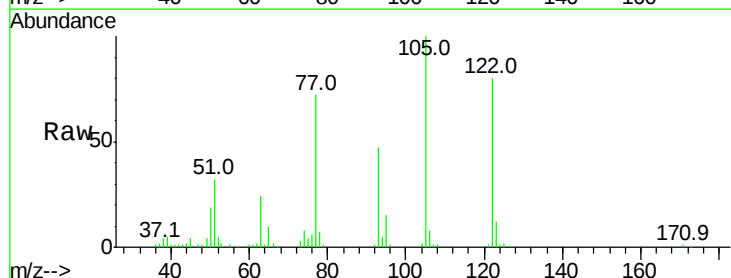
Tgt Ion:122 Resp: 168033

Ion Ratio Lower Upper

122 100

105 124.6 101.1 141.1

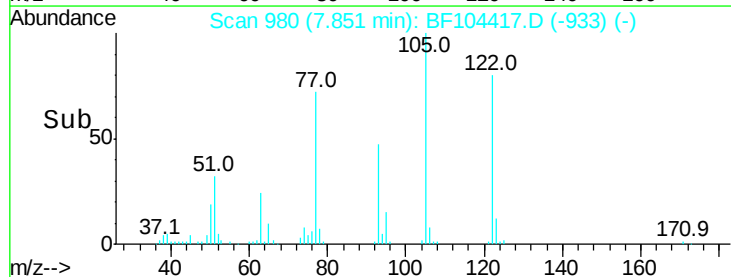
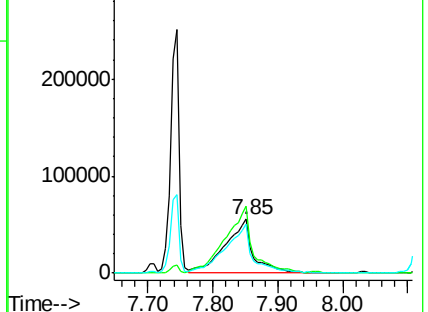
77 90.0 70.7 110.7

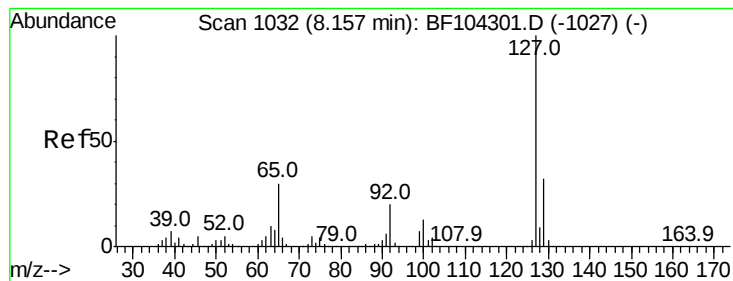


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.276 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 69220

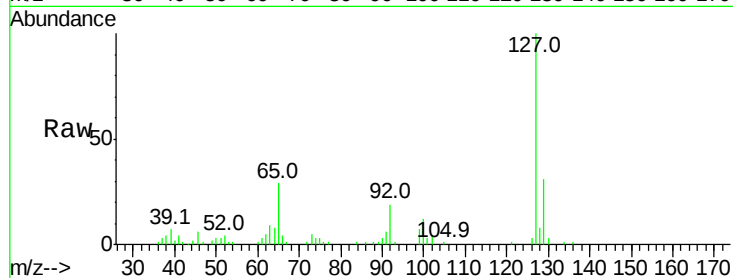
Ion Ratio Lower Upper

127 100

129 31.1 25.9 38.9

65 28.6 25.0 37.4

92 19.5 15.2 22.8

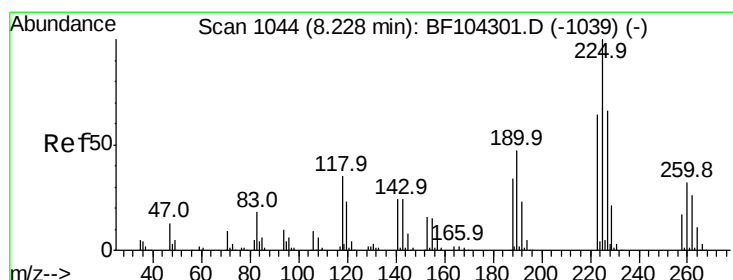
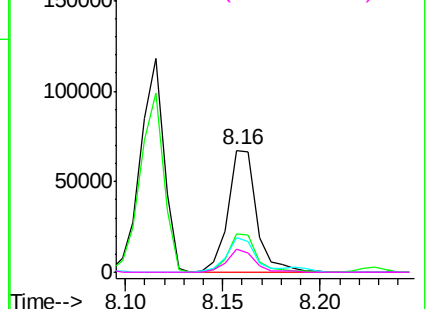
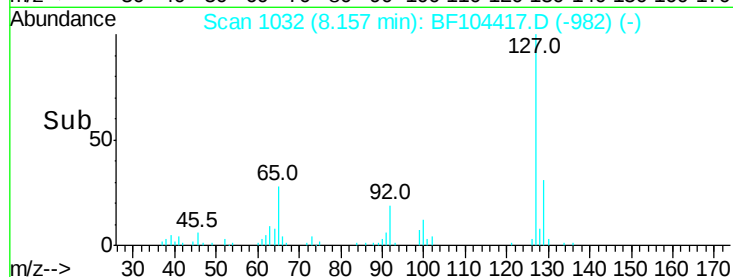


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 32.059 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

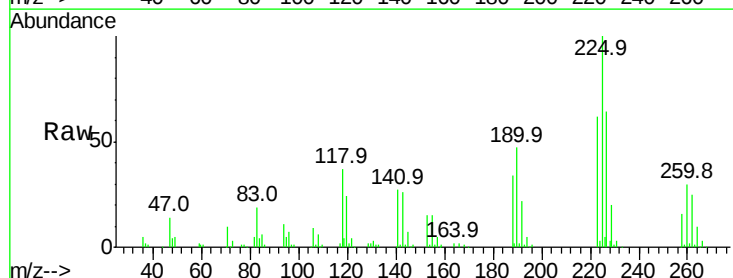
Tgt Ion:225 Resp: 135879

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

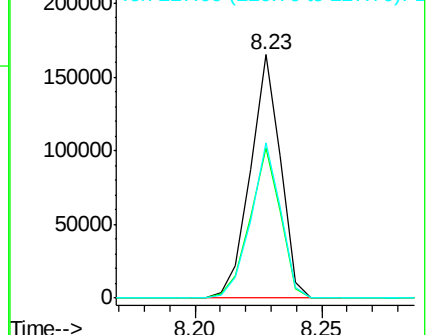
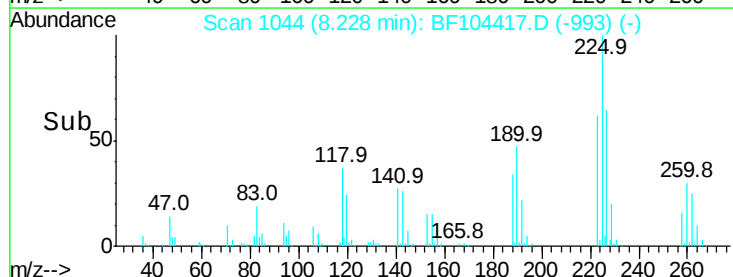
227 64.0 51.9 77.9

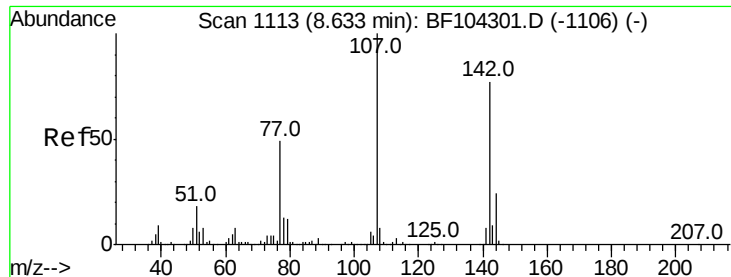


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

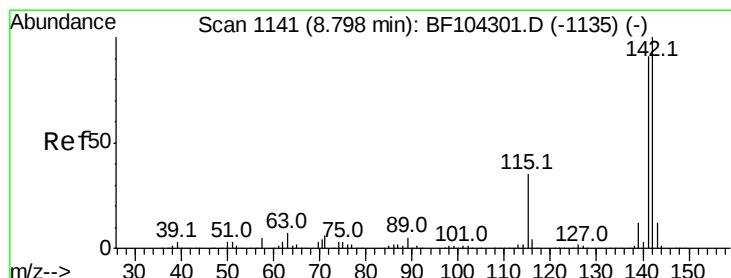
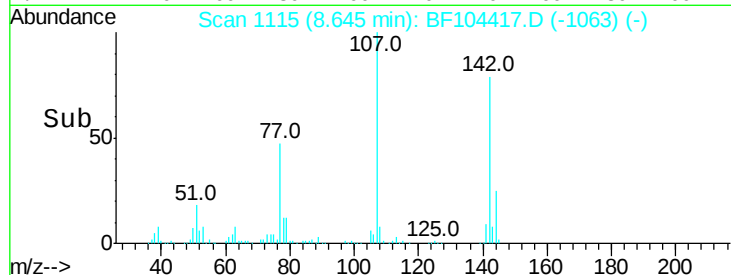
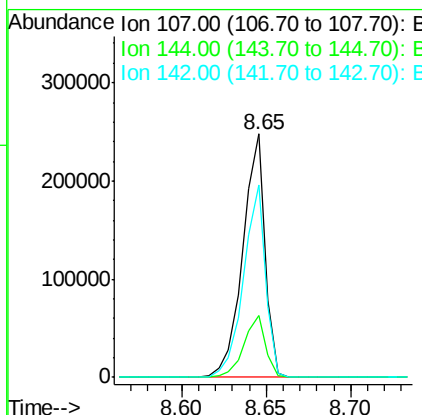
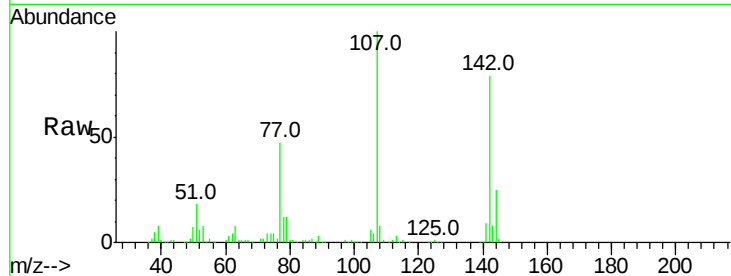




#36
 4-Chloro-3-methylphenol
 Concen: 30.238 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

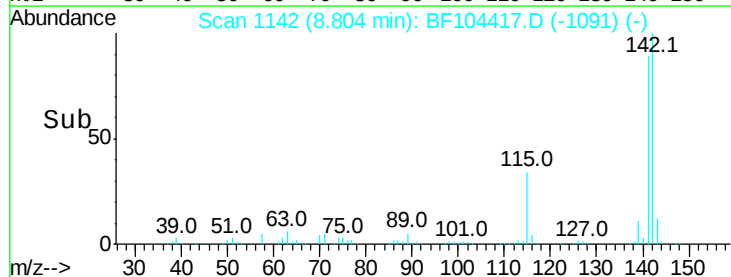
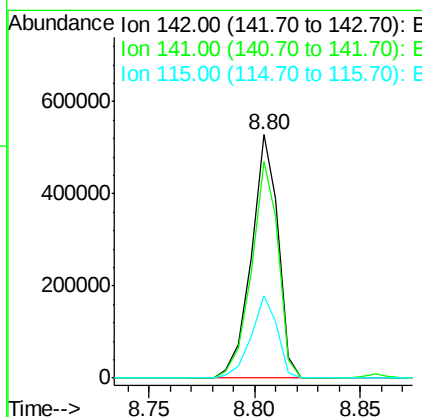
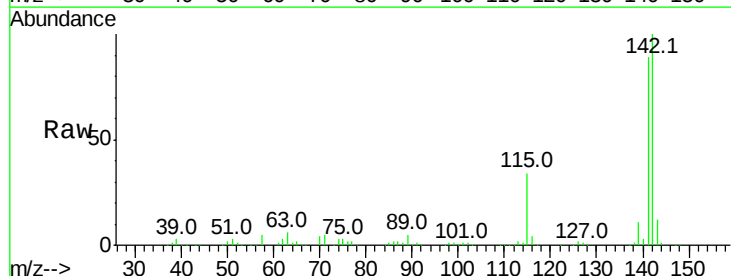
Instrument :
 BNA_F
 ClientSampleId :

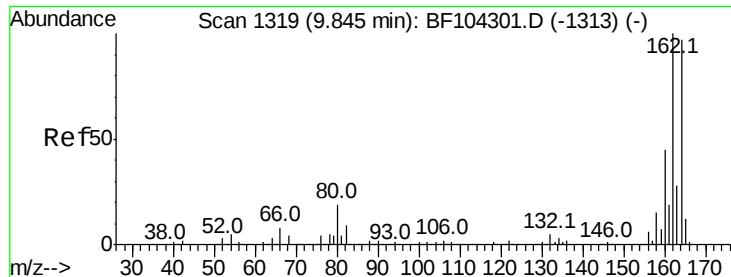
Tot Ion:107 Resp: 228609
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.3 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 27.890 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:142 Resp: 464456
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2
 115 33.6 26.1 39.1

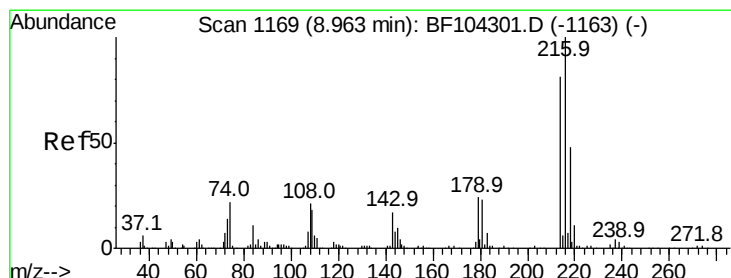
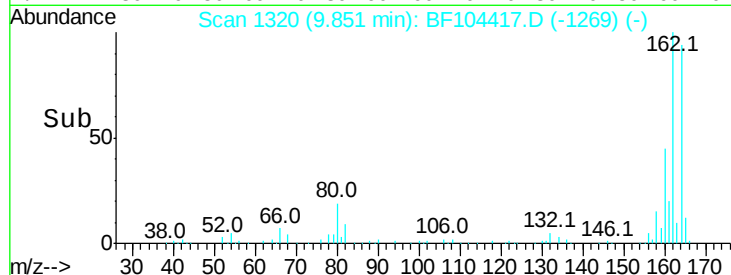
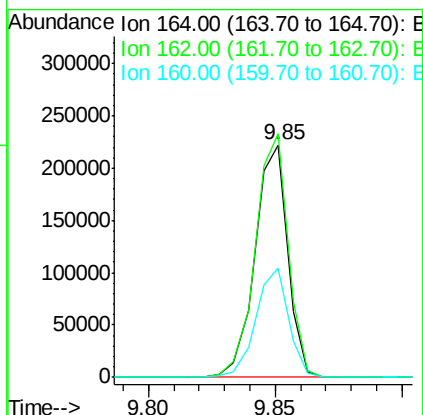
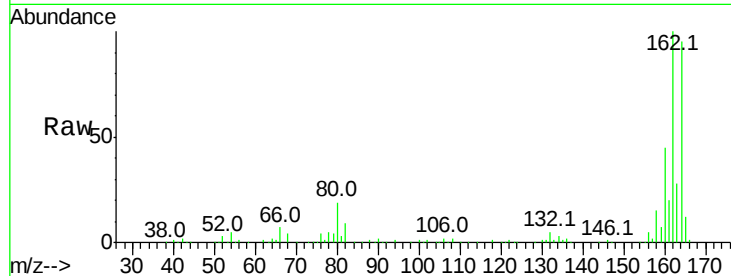




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

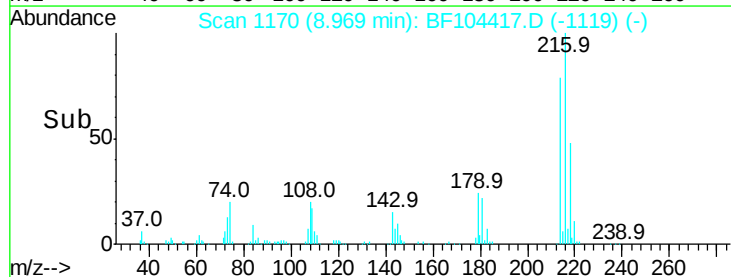
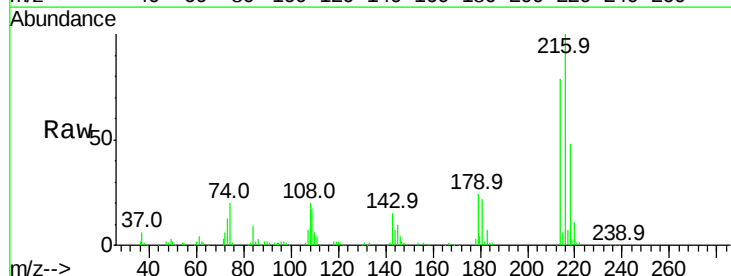
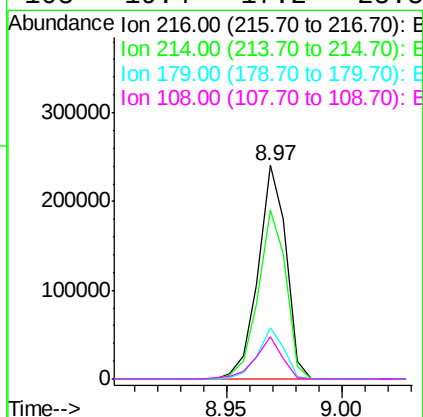
Instrument :
 BNA_F
 ClientSampleId :

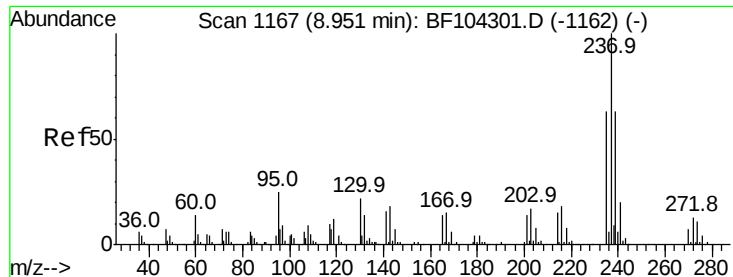
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.1	38.3	57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.662 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.4	18.1	27.1
108	19.4	17.2	25.8

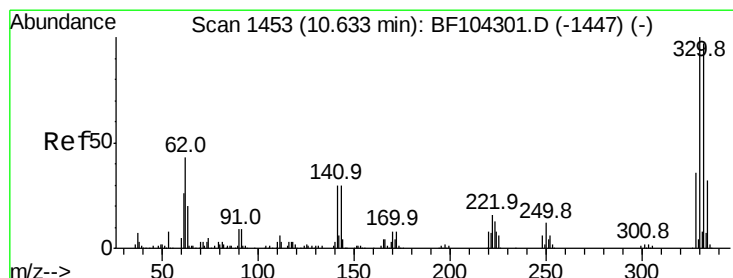
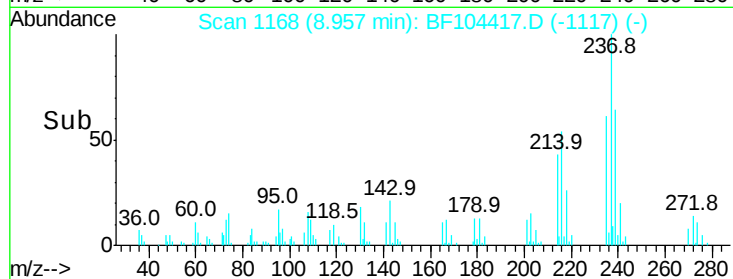
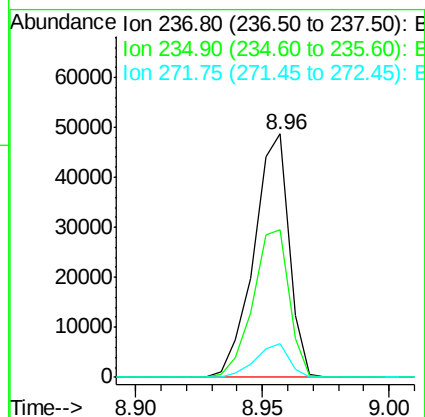
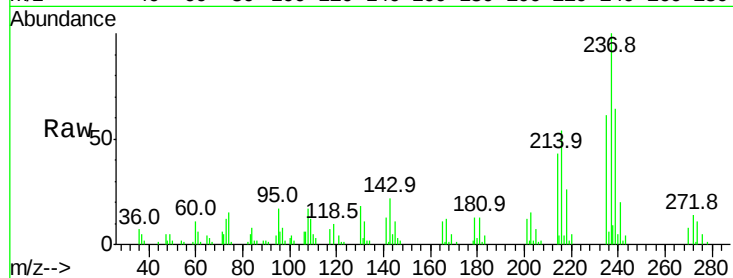




#40
Hexachlorocyclopentadiene
Concen: 14.746 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

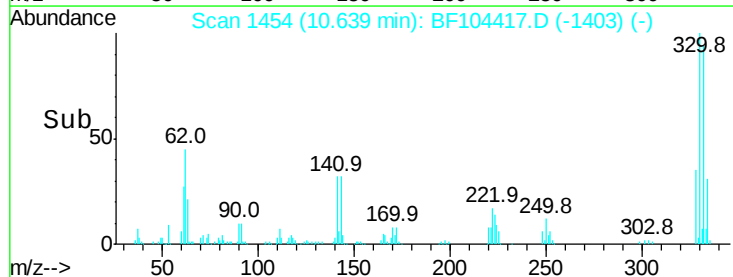
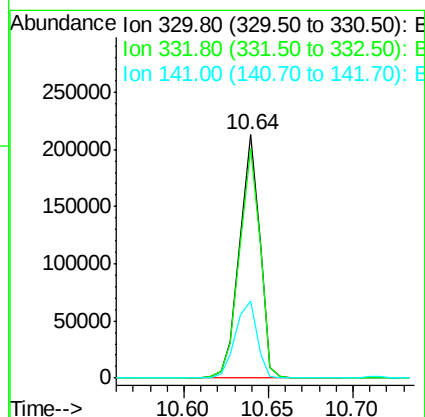
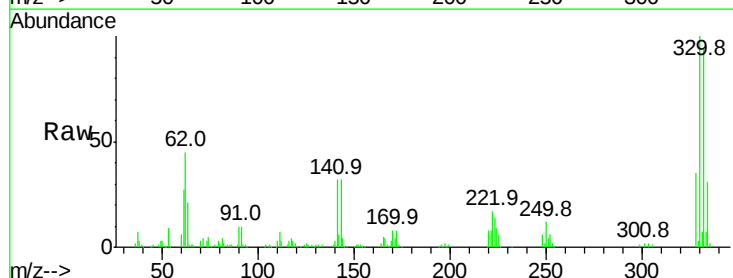
Instrument :
BNA_F
ClientSampleId :

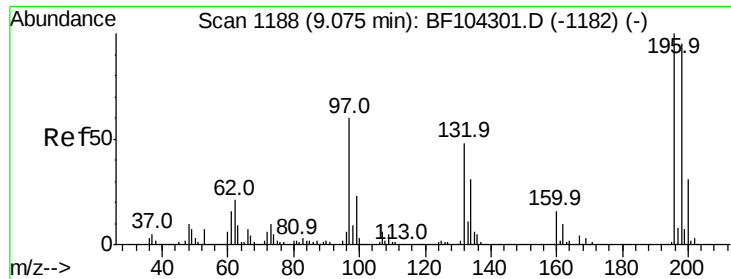
Tot Ion:237 Resp: 47295
Ion Ratio Lower Upper
237 100
235 60.8 44.8 84.8
272 13.8 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 85.304 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:330 Resp: 177095
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 33.8 29.9 44.9





#42

2,4,6-Trichlorophenol

Concen: 35.053 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampled :

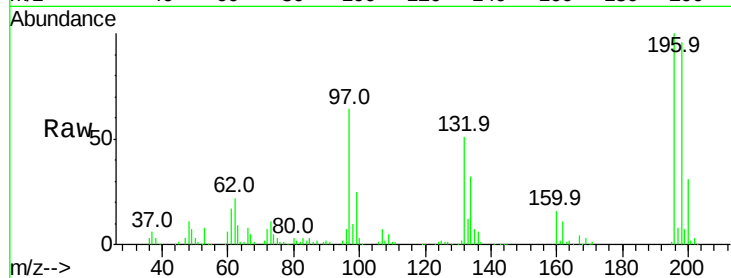
Tot Ion:196 Resp: 139405

Ion Ratio Lower Upper

196 100

198 96.5 75.7 113.5

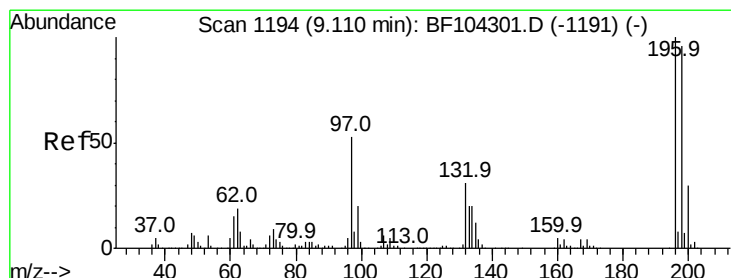
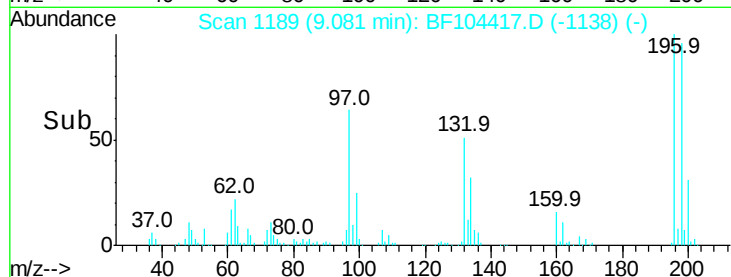
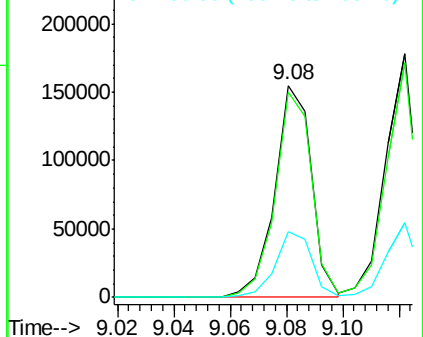
200 30.7 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 31.464 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:196 Resp: 140026

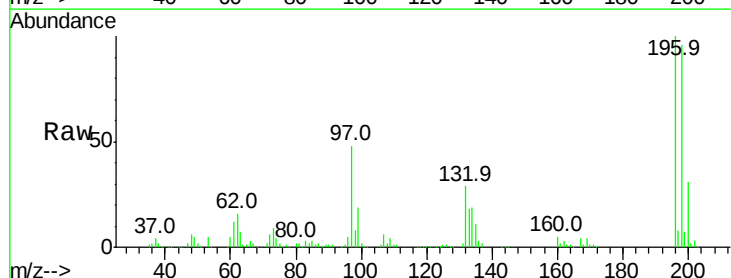
Ion Ratio Lower Upper

196 100

198 96.4 74.6 112.0

97 48.3 42.9 64.3

132 28.7 26.3 39.5

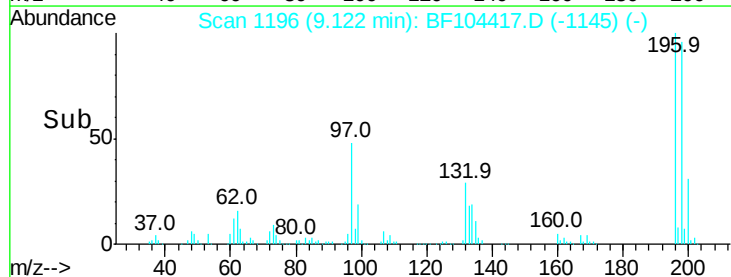
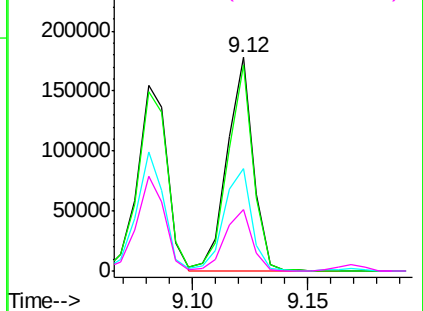


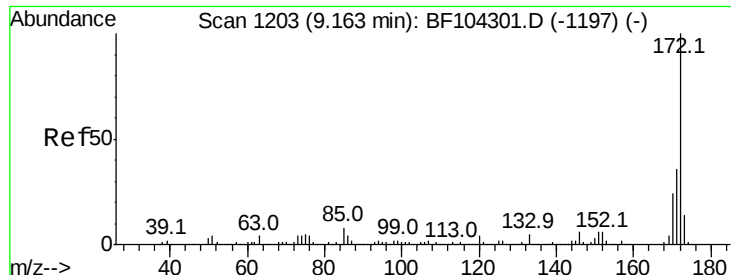
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

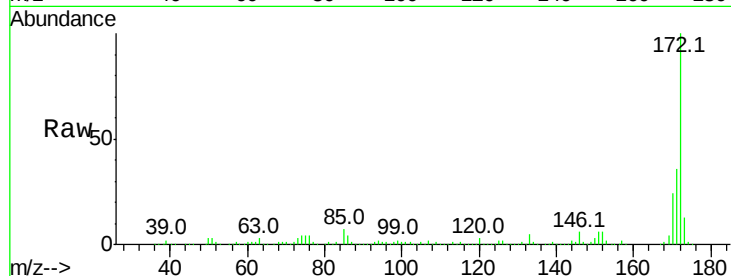




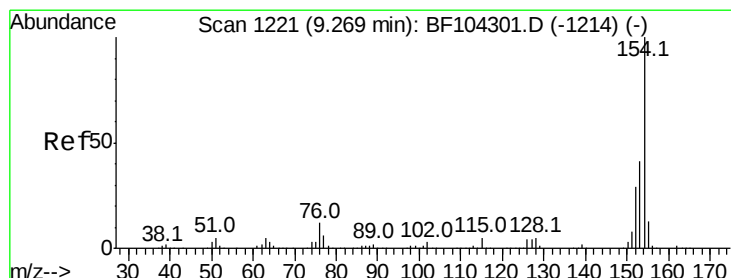
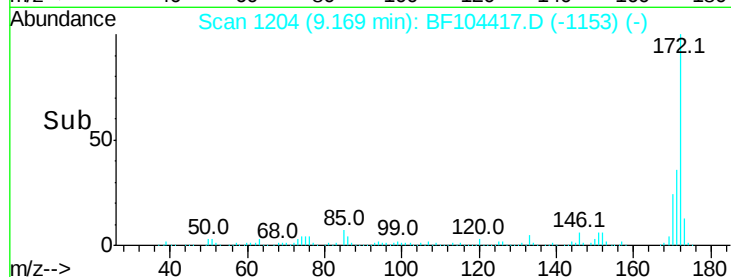
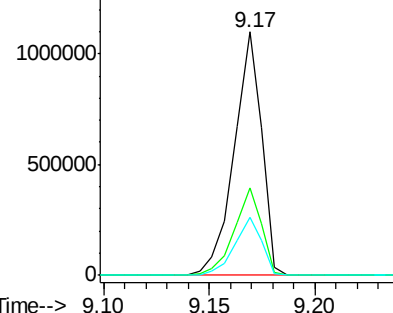
#44
 2-Fluorobiphenyl
 Concen: 78.668 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

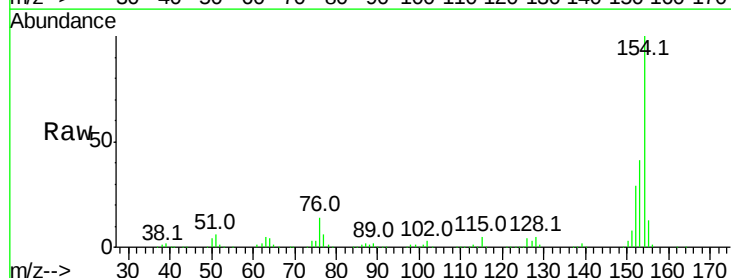


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

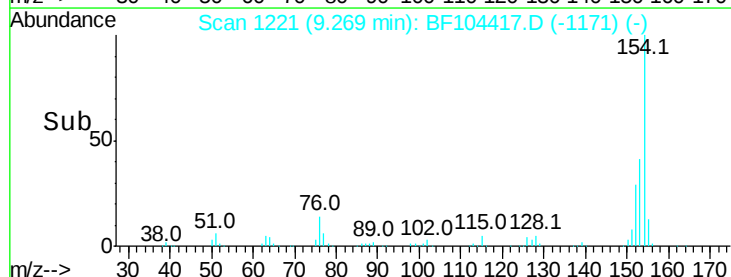
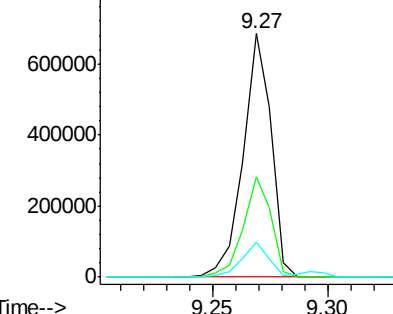


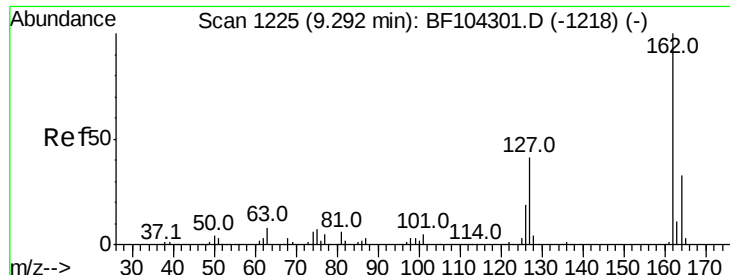
#45
 1,1'-Biphenyl
 Concen: 34.448 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	14.2	0.0	34.0



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

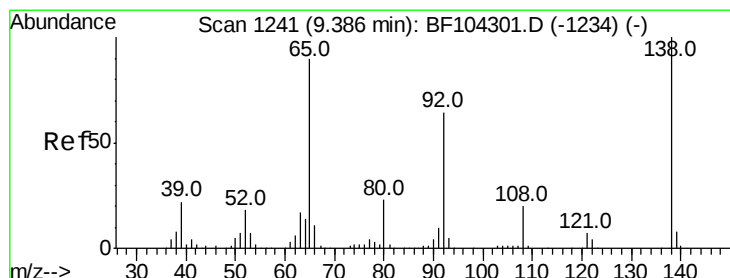
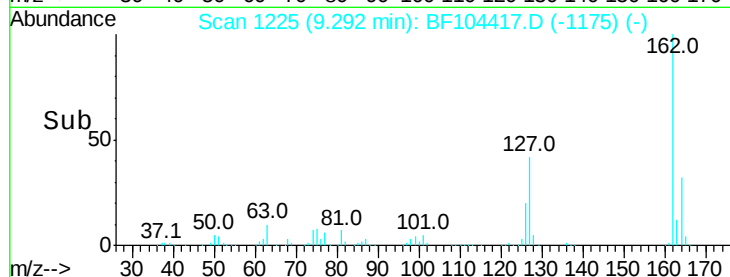
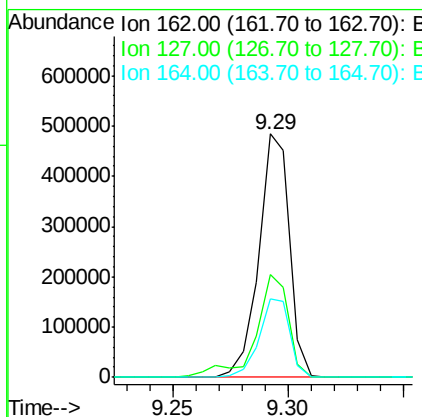
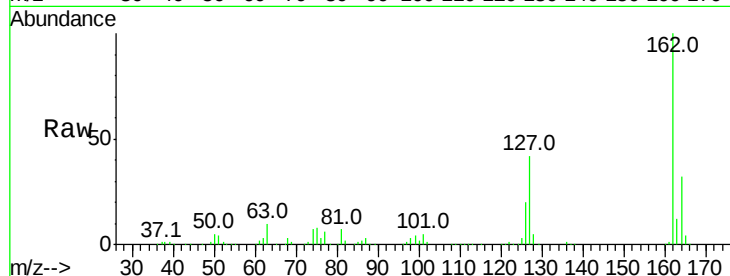




#46
 2-Chloronaphthalene
 Concen: 33.683 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

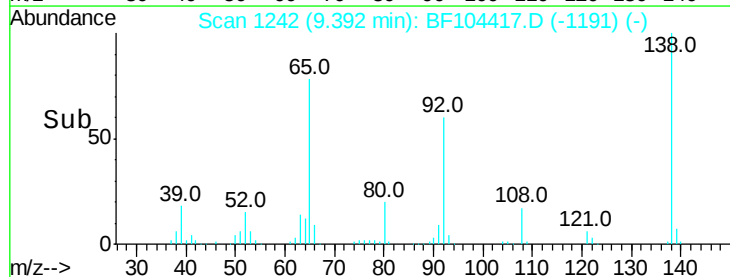
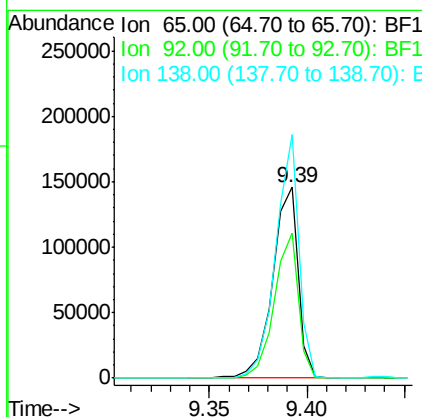
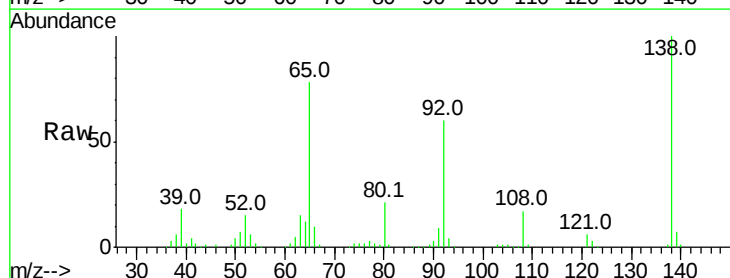
Instrument :
 BNA_F
 ClientSampleId :

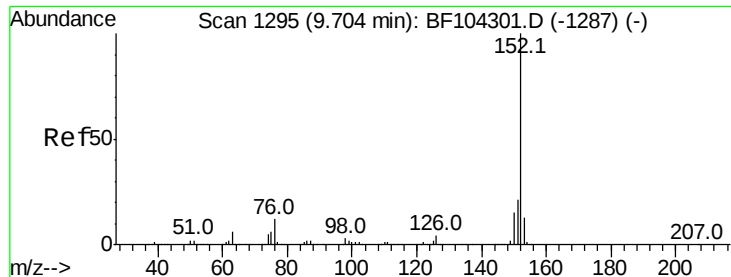
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	32.5	26.5	39.7



#47
 2-Nitroaniline
 Concen: 40.118 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.2	55.8	83.6
138	127.7	91.2	136.8

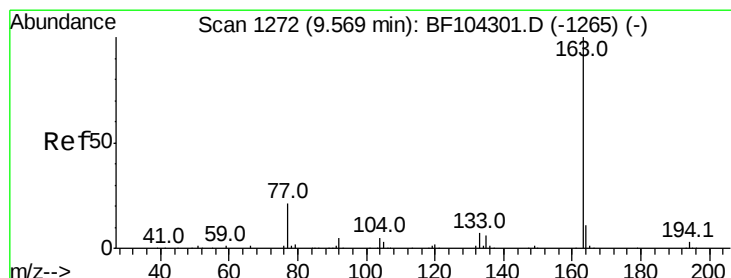
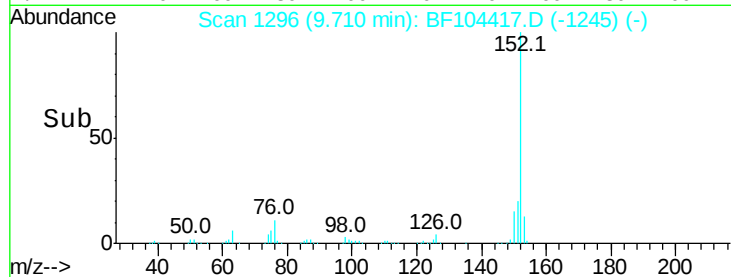
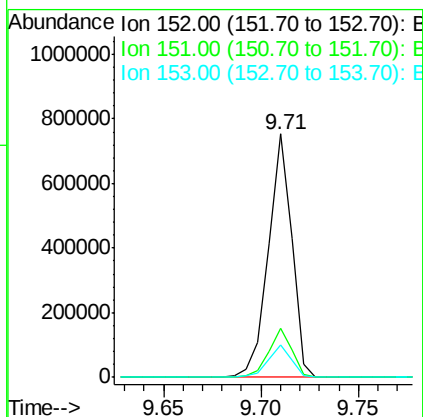
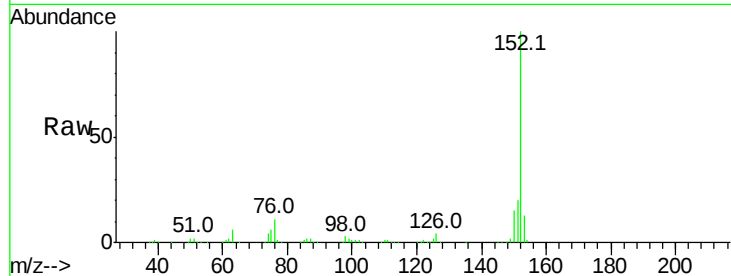




#48
Acenaphthylene
Concen: 30.125 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

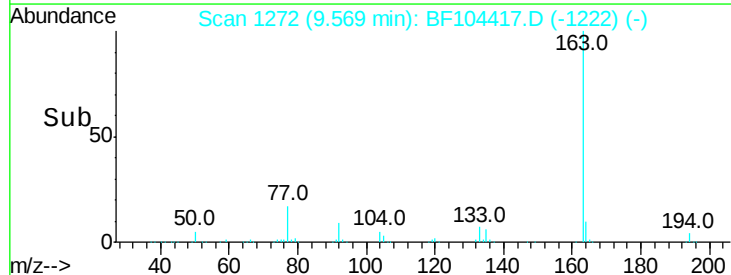
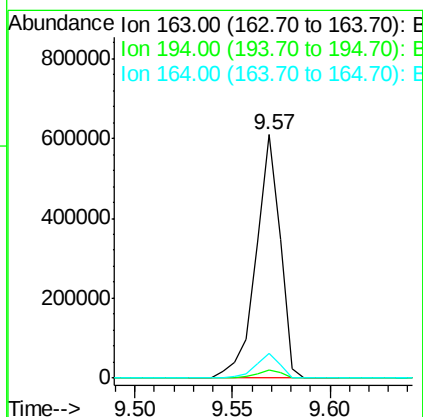
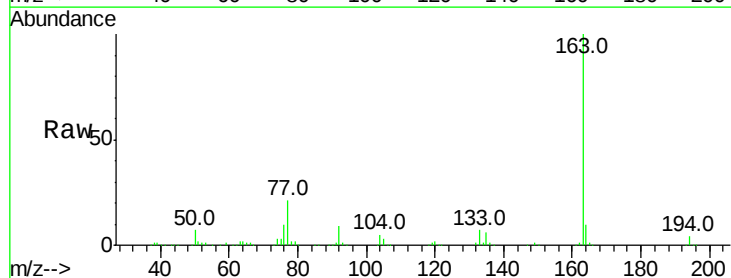
Instrument :
BNA_F
ClientSampleId :

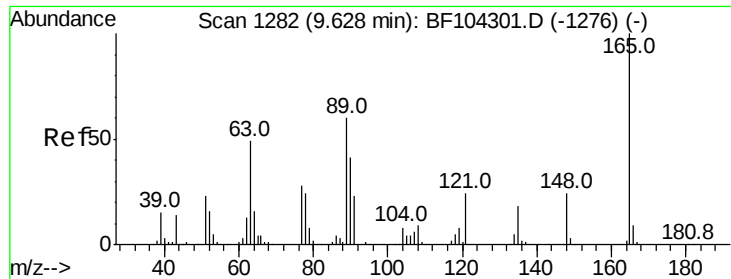
Tot Ion:152 Resp: 627666
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.3 10.7 16.1



#49
Dimethylphthalate
Concen: 33.194 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:163 Resp: 523880
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

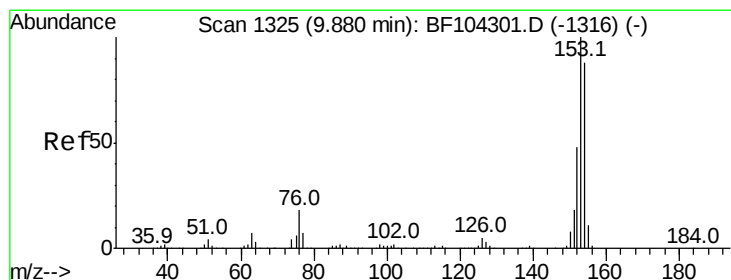
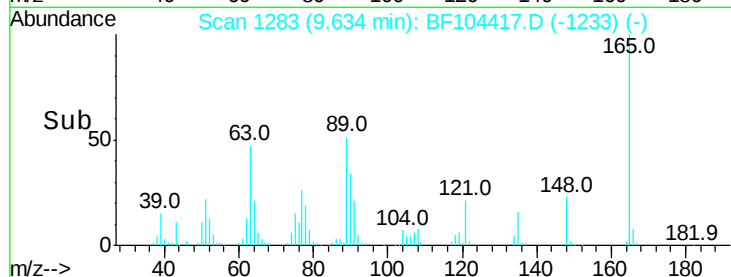
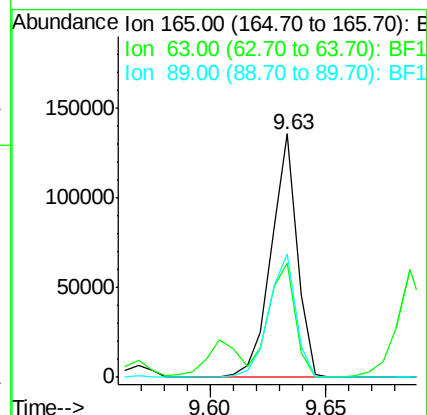
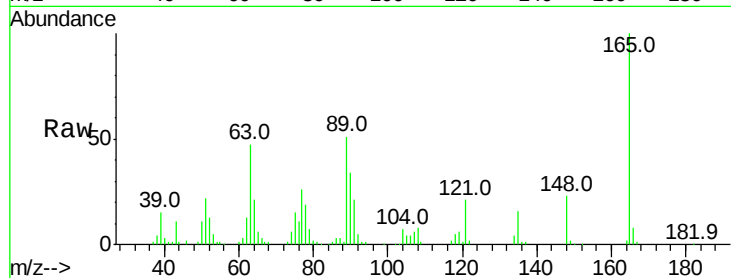




#50
 2,6-Dinitrotoluene
 Concen: 36.347 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

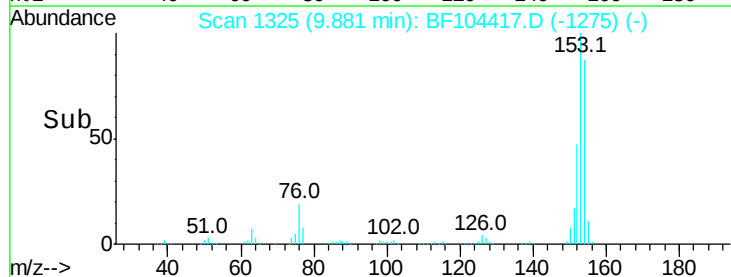
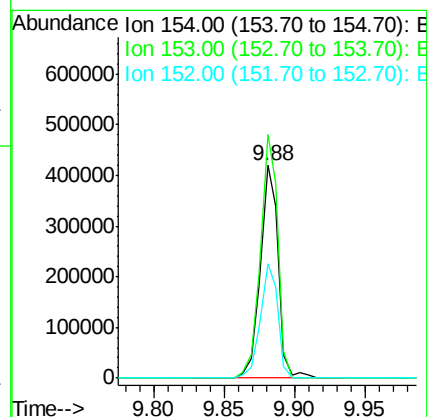
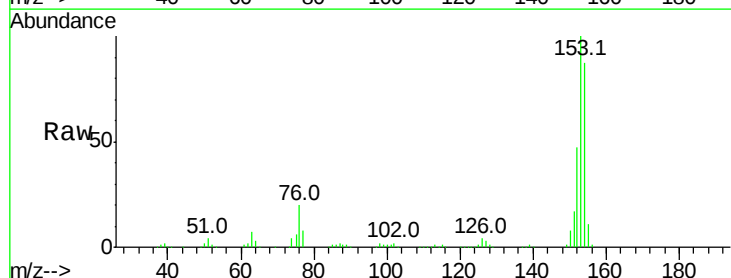
Instrument :
 BNA_F
 ClientSampled :

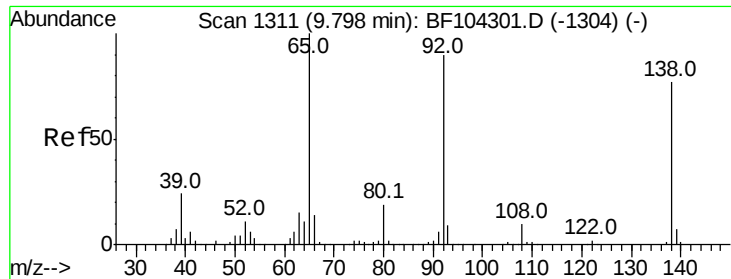
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.8	44.7	67.1
89	50.6	44.0	66.0



#51
 Acenaphthene
 Concen: 29.587 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	53.8	43.8	65.8

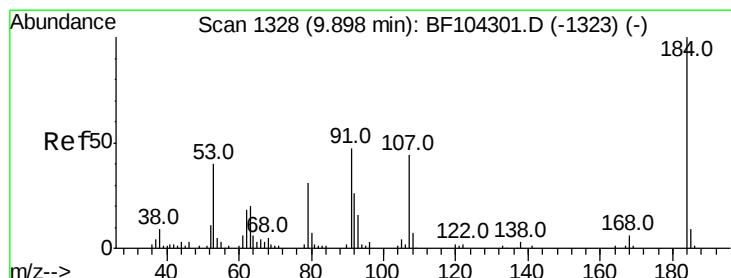
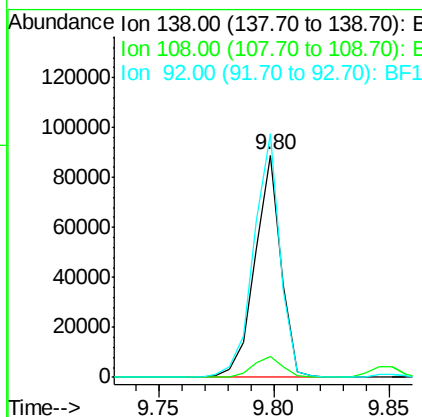
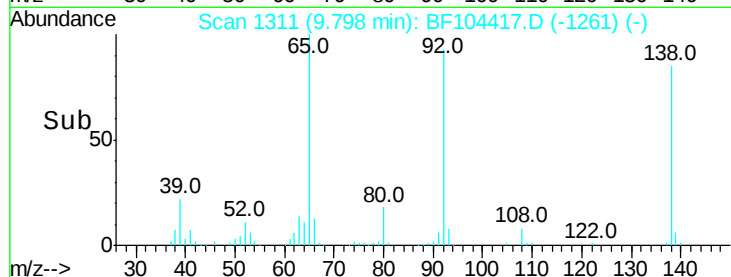
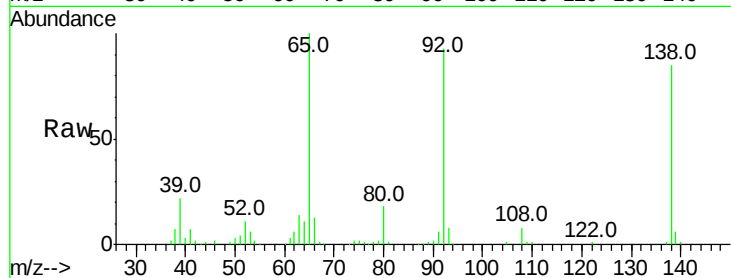




#52
 3-Nitroaniline
 Concen: 20.432 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

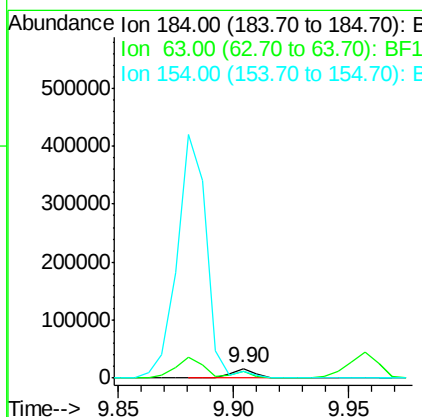
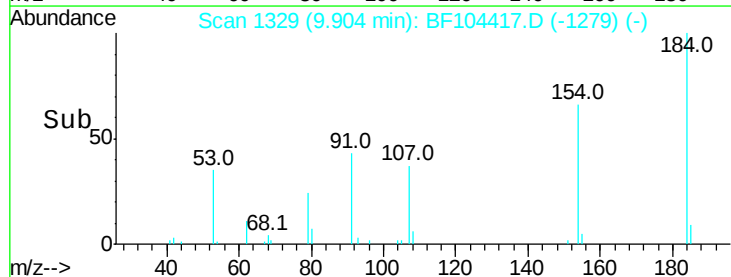
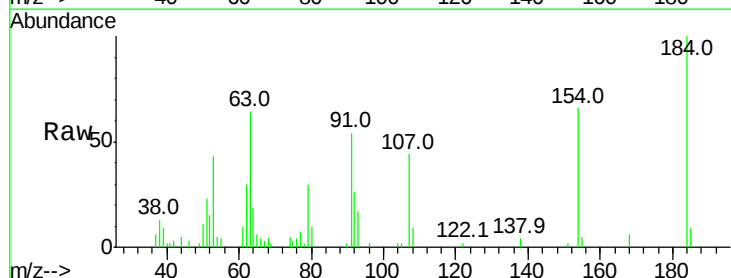
Instrument :
 BNA_F
 ClientSampleId :

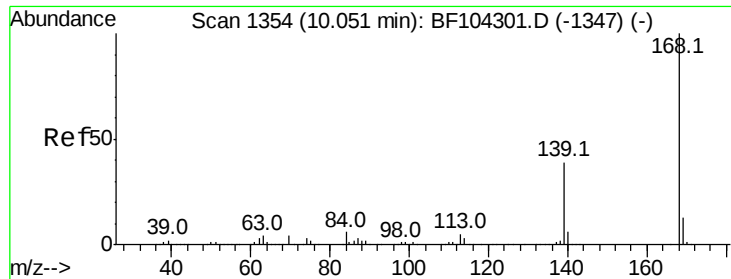
Tot Ion:138 Resp: 69852
 Ion Ratio Lower Upper
 138 100
 108 9.6 9.4 14.0
 92 109.7 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 19.533 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:184 Resp: 12774
 Ion Ratio Lower Upper
 184 100
 63 63.7 54.2 81.2
 154 65.9 184.0 276.0#





#54

Dibenzofuran

Concen: 31.240 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

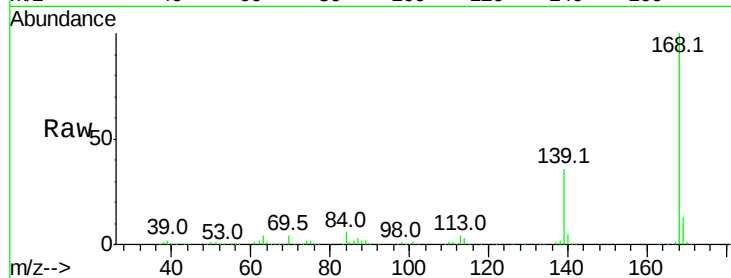
Tot Ion:168 Resp: 553461

Ion Ratio Lower Upper

168 100

139 36.3 30.1 45.1

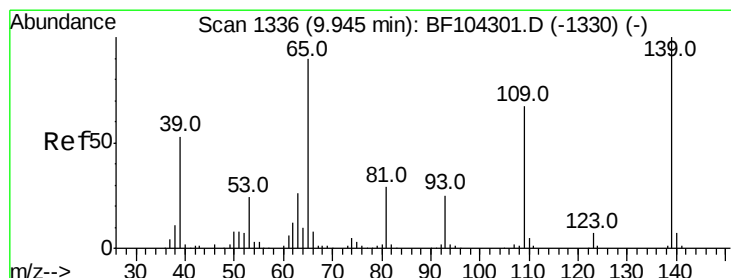
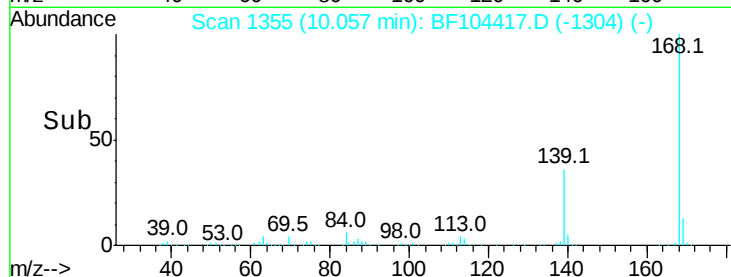
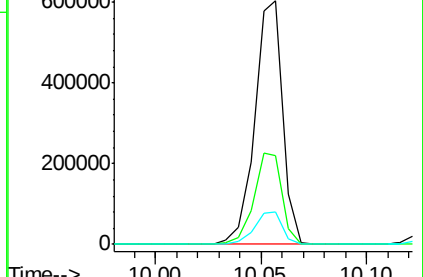
169 13.2 10.9 16.3



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: 60.989 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

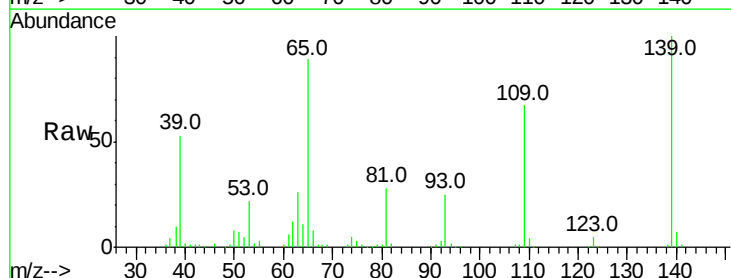
Tgt Ion:139 Resp: 163791

Ion Ratio Lower Upper

139 100

109 66.9 48.4 88.4

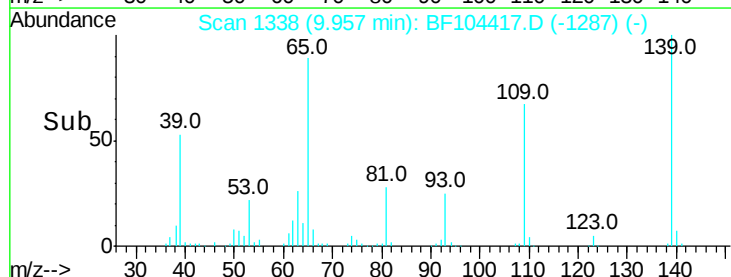
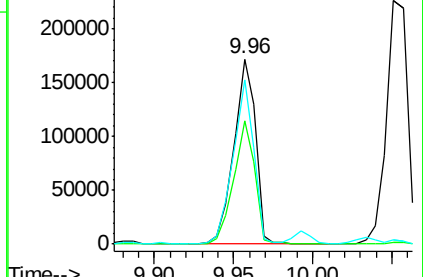
65 89.1 72.6 112.6

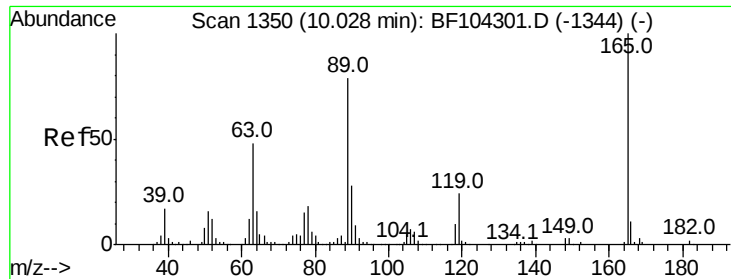


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

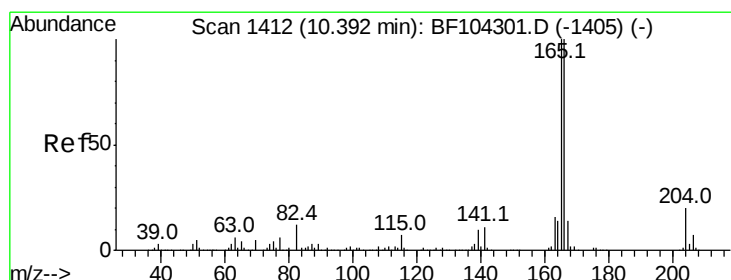
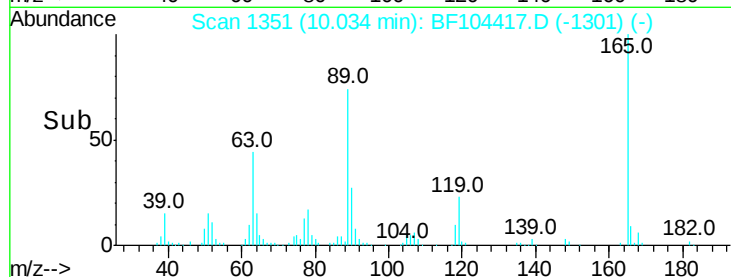
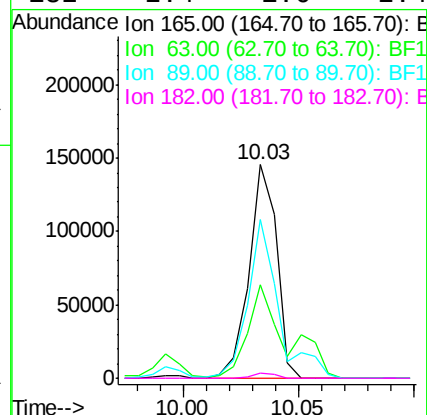
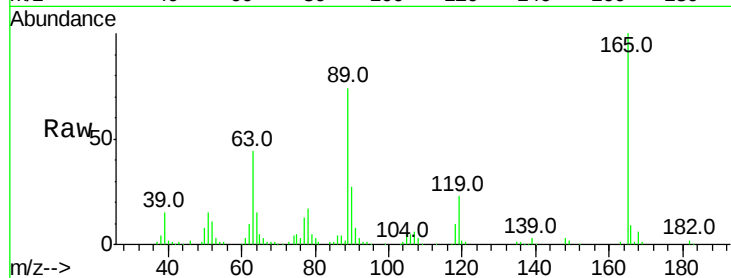




#56
2,4-Dinitrotoluene
Concen: 31.885 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

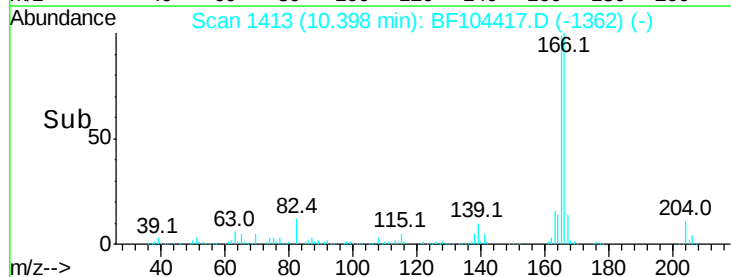
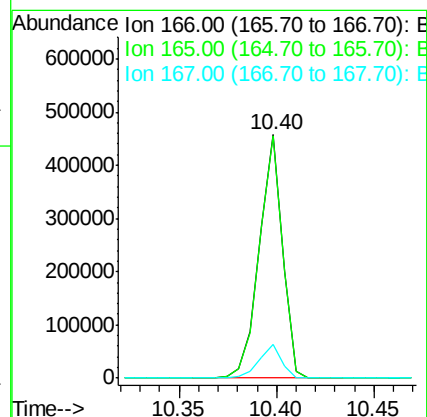
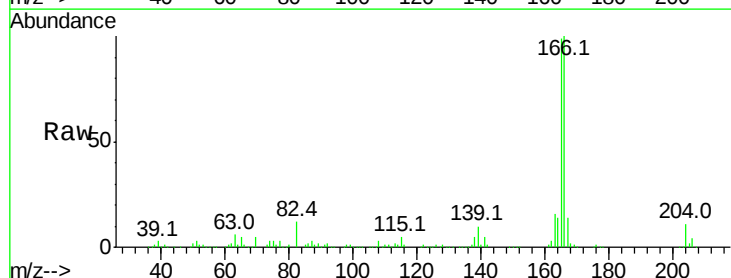
Instrument :
BNA_F
ClientSampleId :

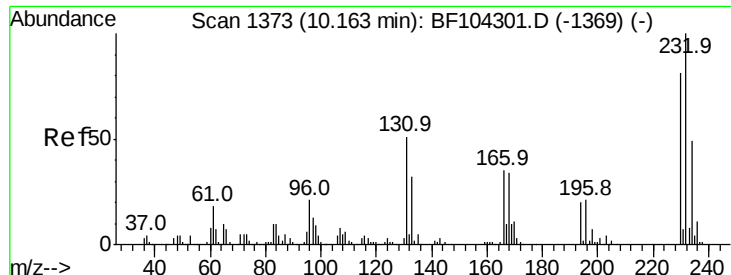
Tot Ion:	165	Resp:	122139
Ion	Ratio	Lower	Upper
165	100		
63	43.6	36.4	54.6
89	74.3	57.8	86.6
182	2.4	1.6	2.4



#57
Fluorene
Concen: 29.171 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:	166	Resp:	376164
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.6	10.6	16.0

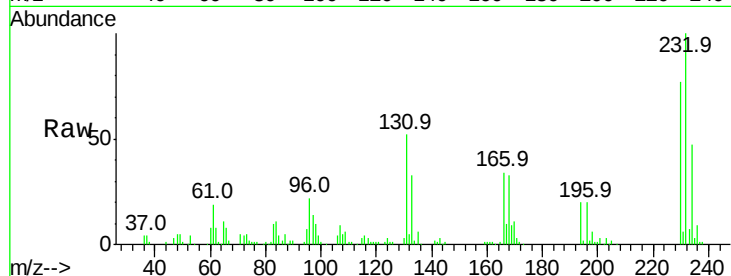




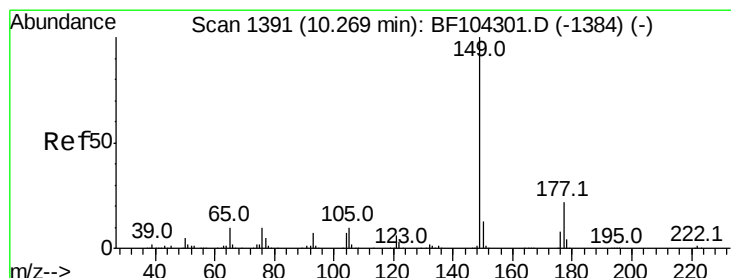
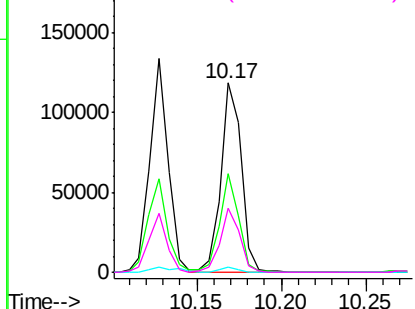
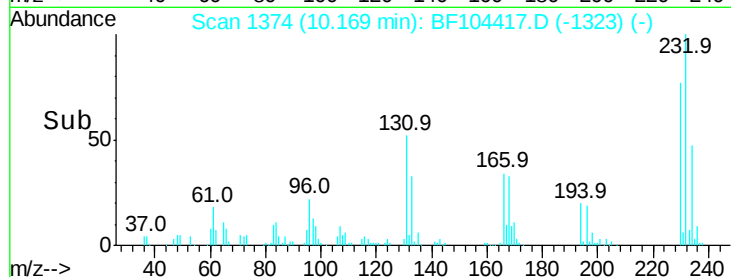
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.295 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 100583
 Ion Ratio Lower Upper
 232 100
 131 48.0 43.8 65.8
 130 2.5 2.1 3.1
 166 32.5 27.8 41.6

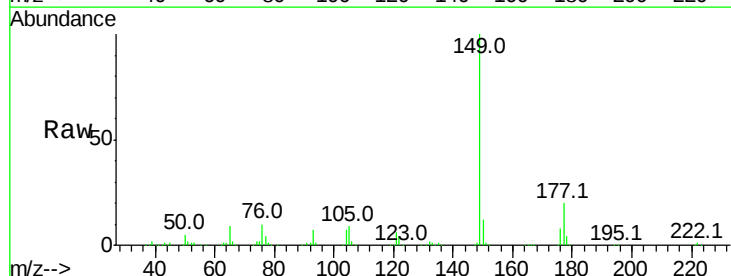


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

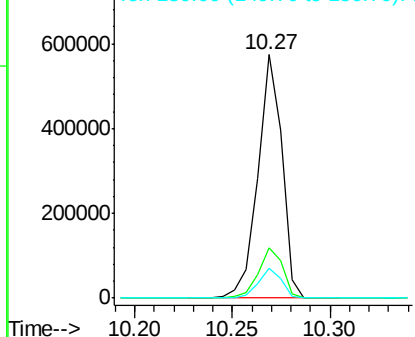
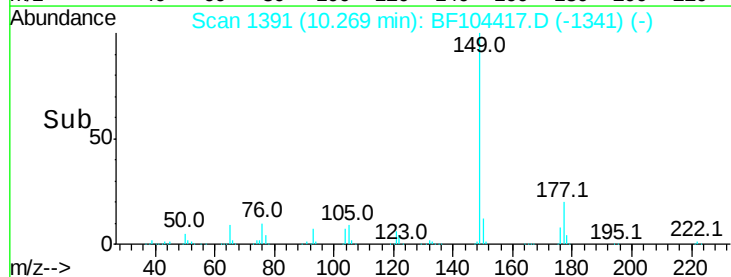


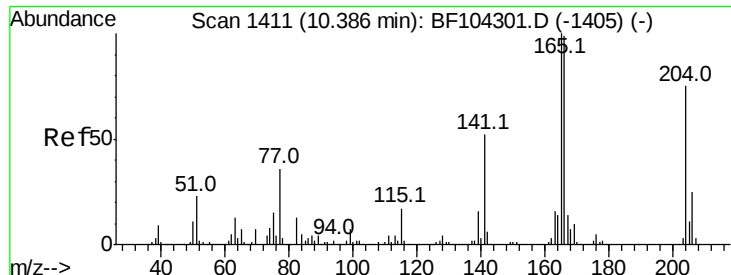
#59
 Diethylphthalate
 Concen: 31.201 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:149 Resp: 490411
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.1 24.1
 150 12.5 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

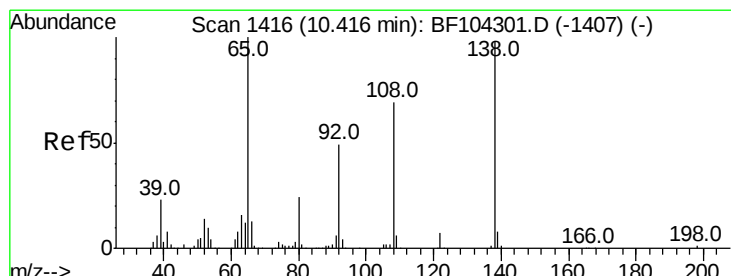
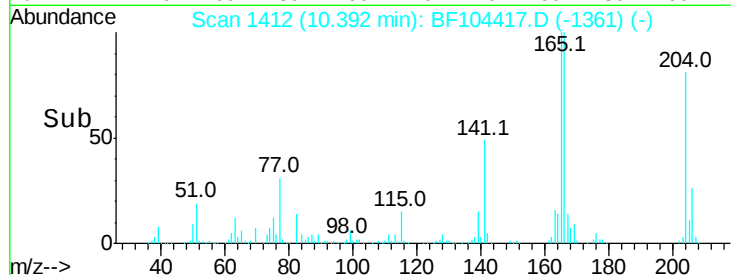
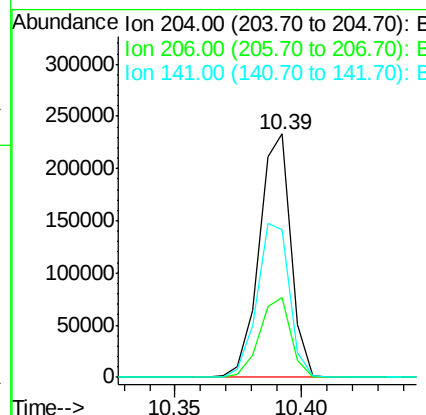
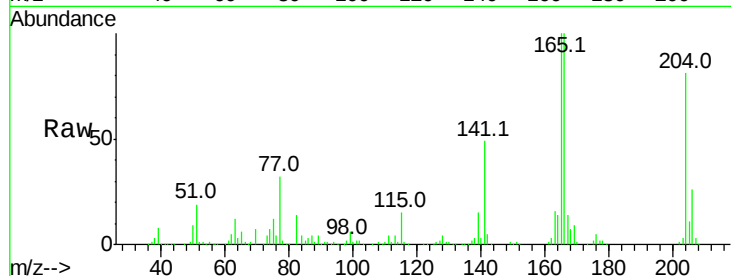




#60
 4-Chlorophenyl-phenylether
 Concen: 35.255 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

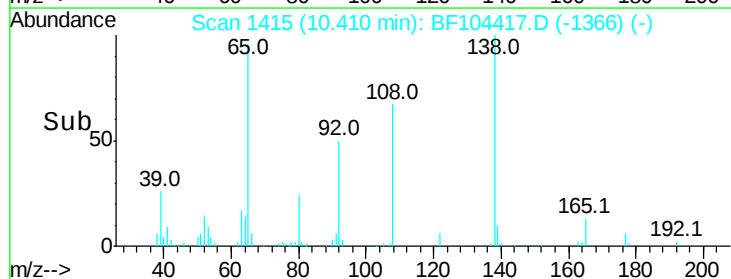
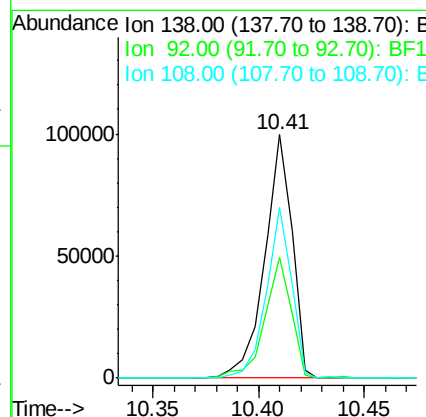
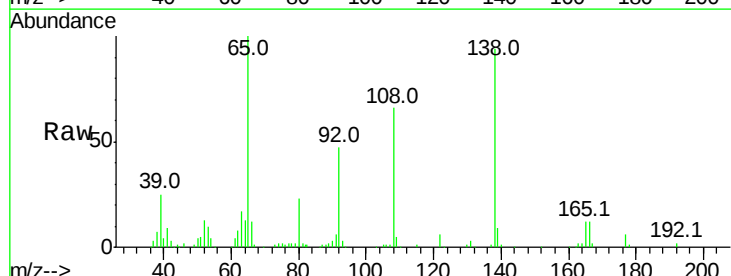
Instrument :
 BNA_F
 ClientSampleId :

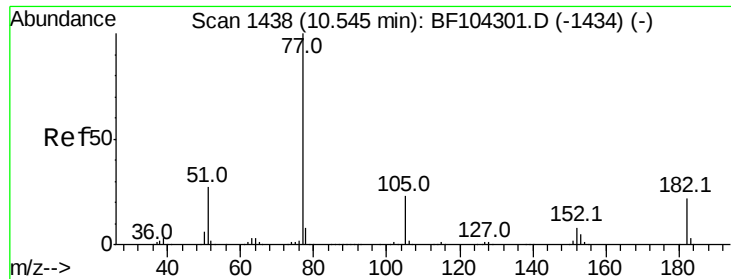
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	60.5	54.6	81.8



#61
 4-Nitroaniline
 Concen: 26.970 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	30.2	70.2
108	70.3	52.5	92.5





#62

Azobenzene

Concen: 29.082 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 436716

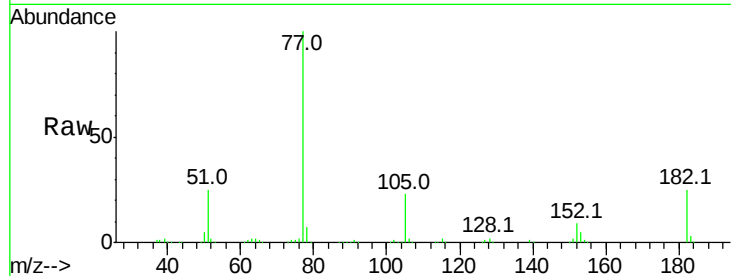
Ion Ratio Lower Upper

77 100

182 24.6 1.7 41.7

105 23.4 3.0 43.0

51 24.8 9.9 49.9

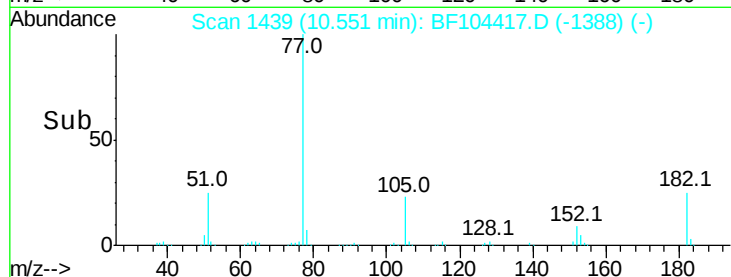


Abundance Ion 77.00 (76.70 to 77.70): BF1

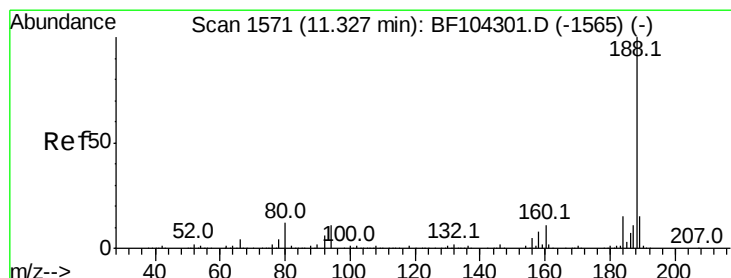
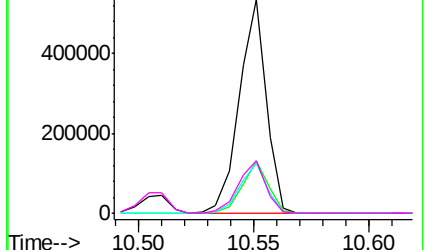
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

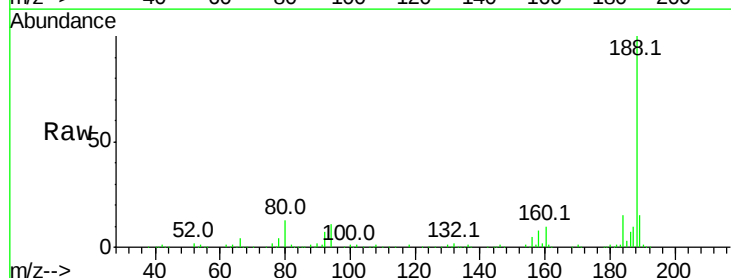
Tgt Ion: 188 Resp: 298602

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

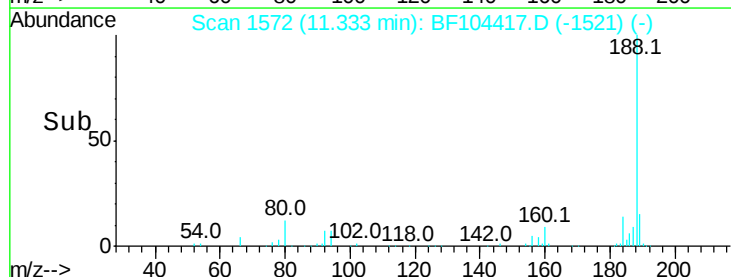
80 12.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

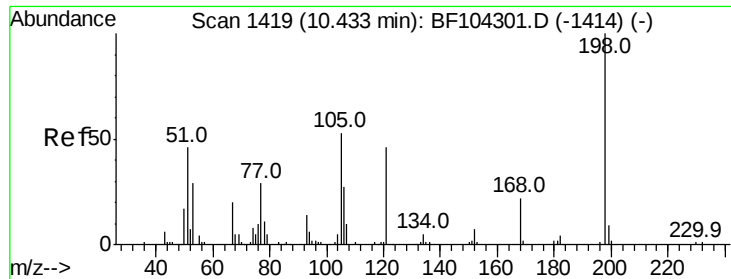
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

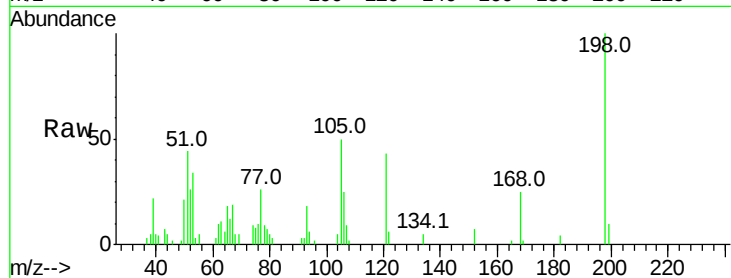




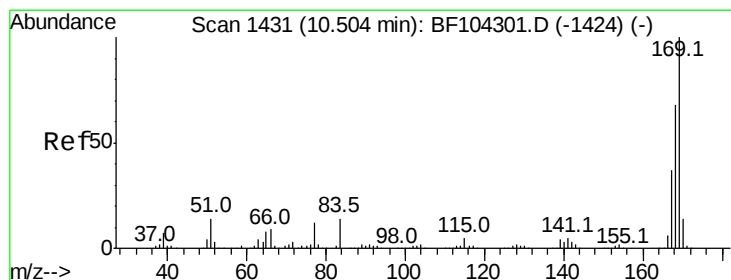
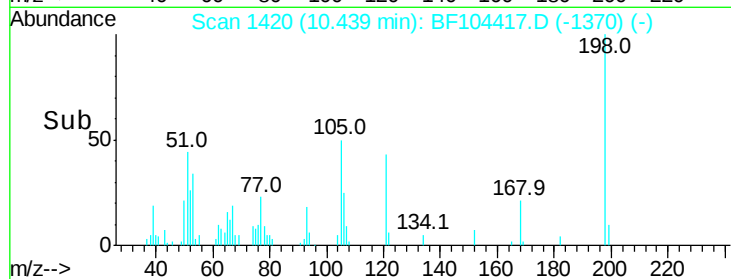
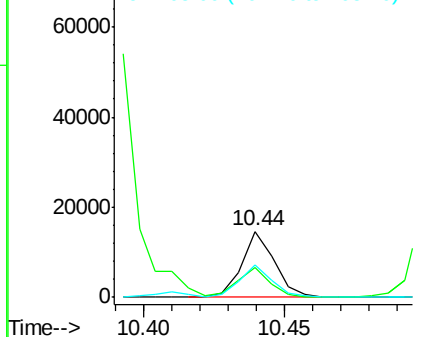
#64
4,6-Dinitro-2-methylphenol
Concen: 14.164 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 11706
Ion Ratio Lower Upper
198 100
51 44.3 37.7 77.7
105 49.6 36.3 76.3

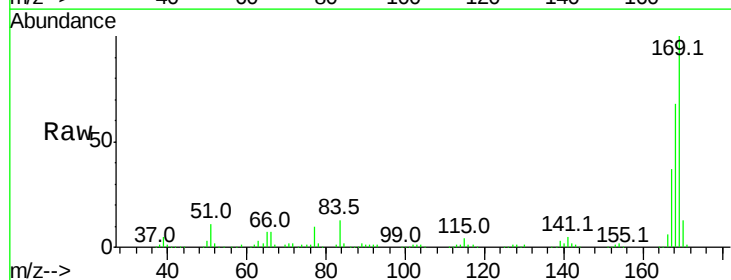


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

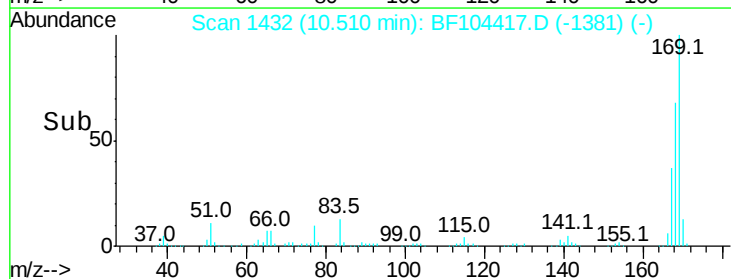
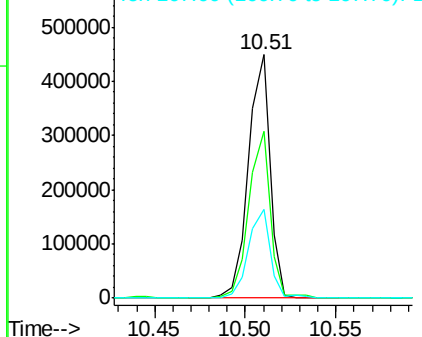


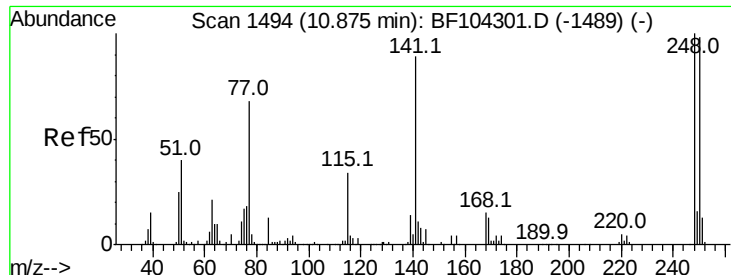
#65
n-Nitrosodiphenylamine
Concen: 36.027 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:169 Resp: 372994
Ion Ratio Lower Upper
169 100
168 68.4 54.4 81.6
167 36.6 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

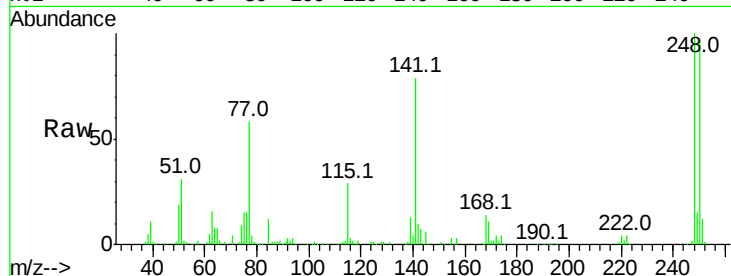




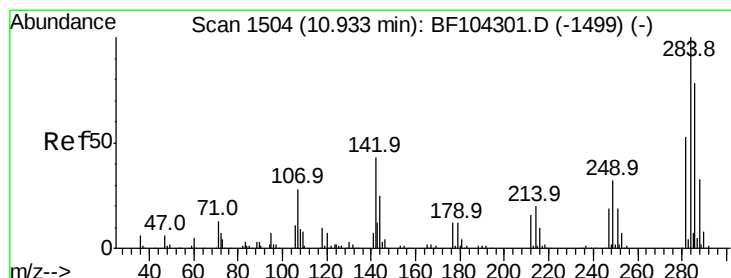
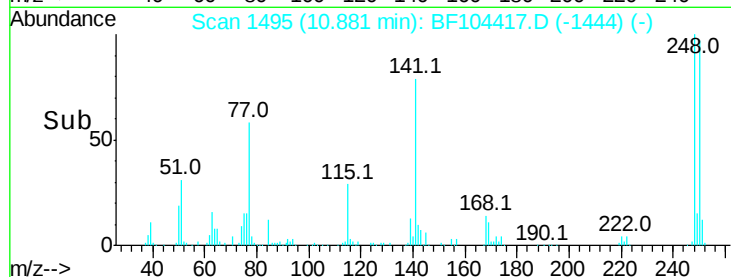
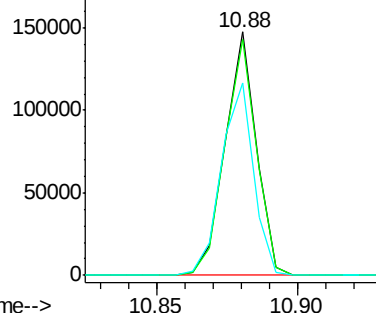
#66
4-Bromophenyl-phenylether
Concen: 35.647 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 113220
Ion Ratio Lower Upper
248 100
250 97.1 76.9 115.3
141 79.0 74.4 111.6

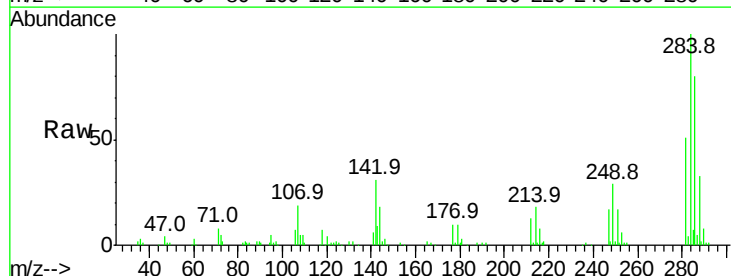


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

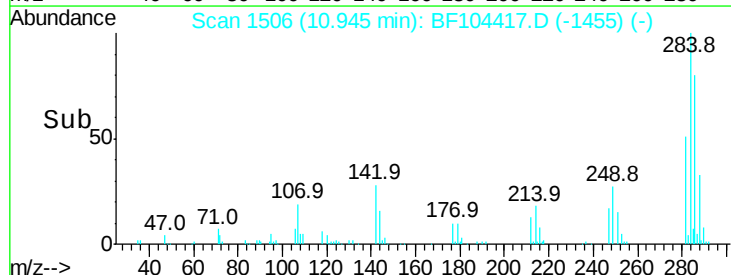
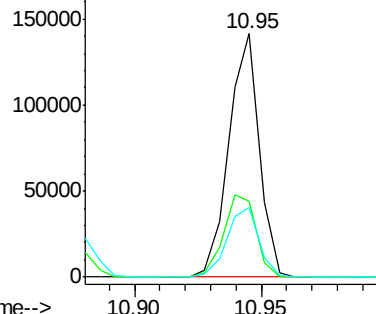


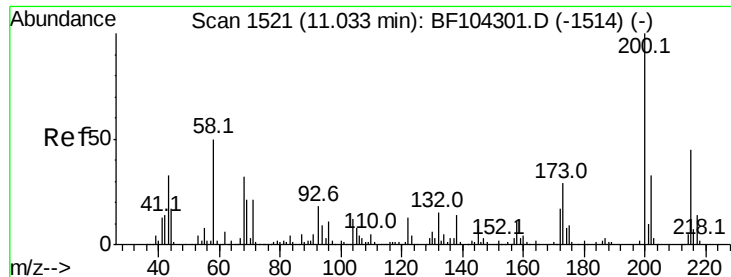
#67
Hexachlorobenzene
Concen: 33.111 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:284 Resp: 118333
Ion Ratio Lower Upper
284 100
142 31.1 34.6 52.0#
249 28.5 24.8 37.2



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

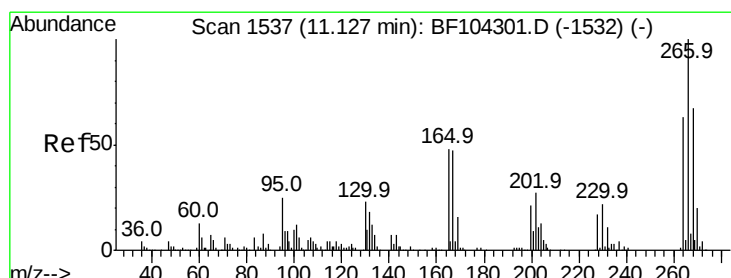
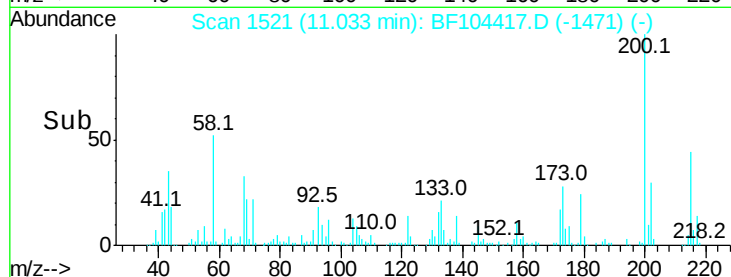
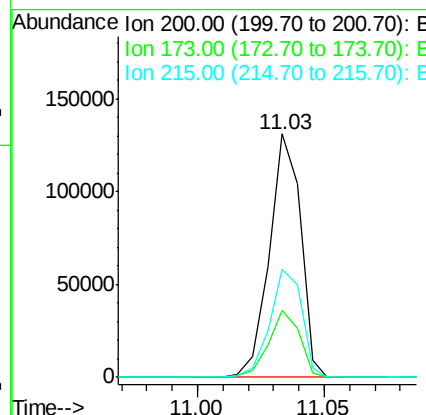
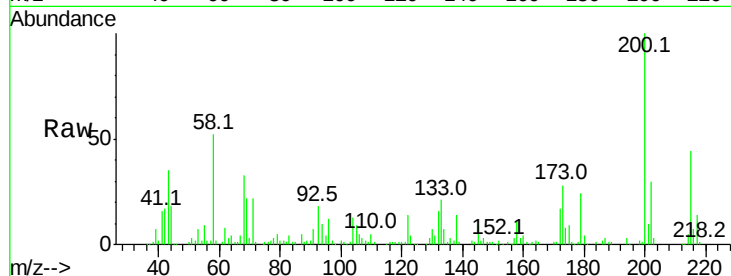




#68
Atrazine
Concen: 35.842 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

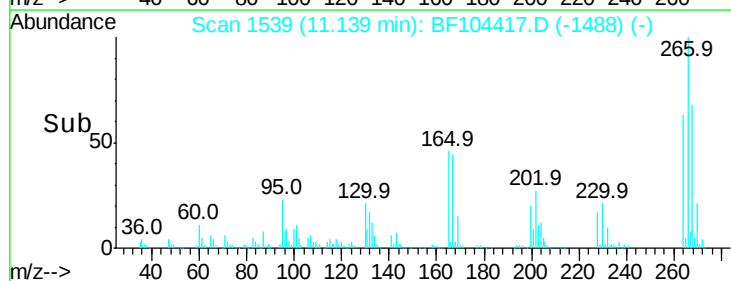
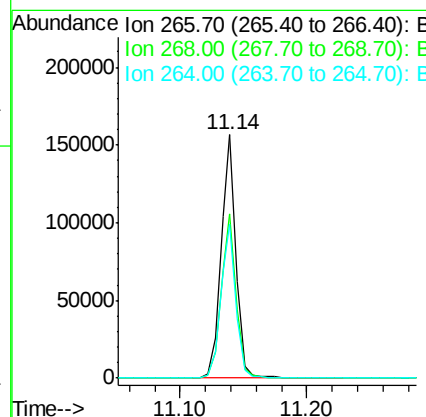
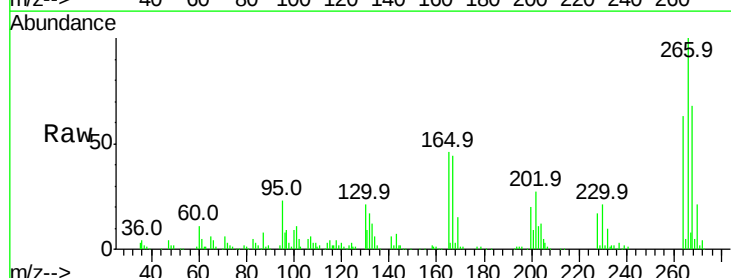
Instrument :
BNA_F
ClientSampleId :

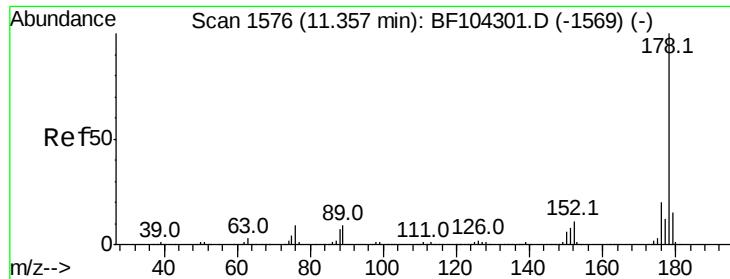
Tot Ion:200 Resp: 112009
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 44.3 25.1 65.1



#69
Pentachlorophenol
Concen: 58.711 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:266 Resp: 129809
Ion Ratio Lower Upper
266 100
268 67.6 51.1 76.7
264 63.4 49.5 74.3

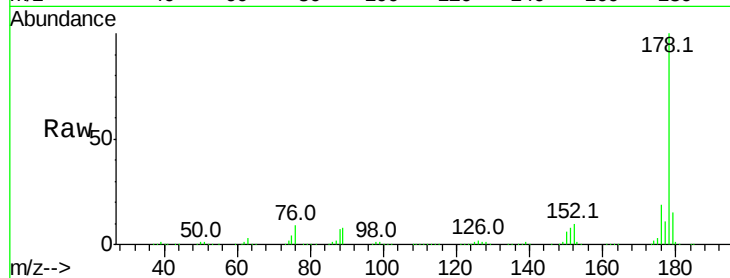




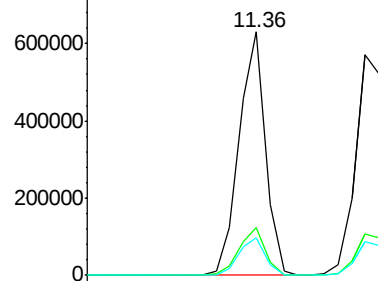
#70
Phenanthrene
Concen: 30.146 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

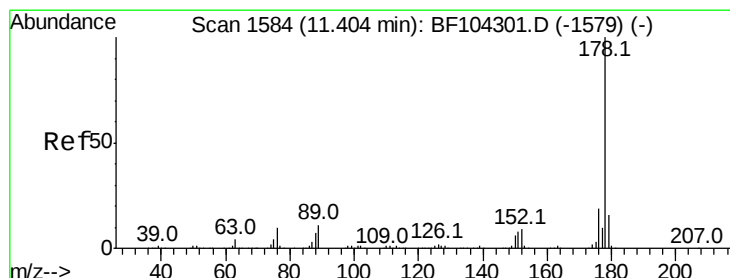
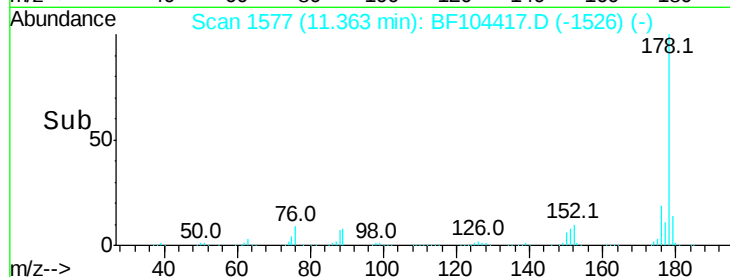
Tot Ion:178 Resp: 501304
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.2 13.0 19.6



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

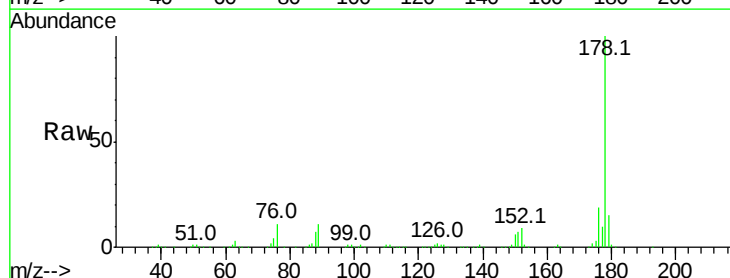


Time--> 11.30 11.35 11.40

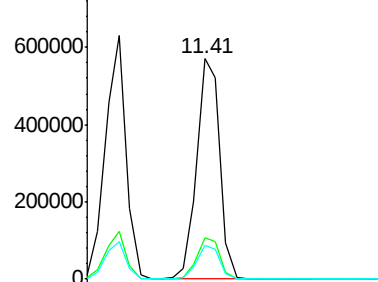


#71
Anthracene
Concen: 29.764 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

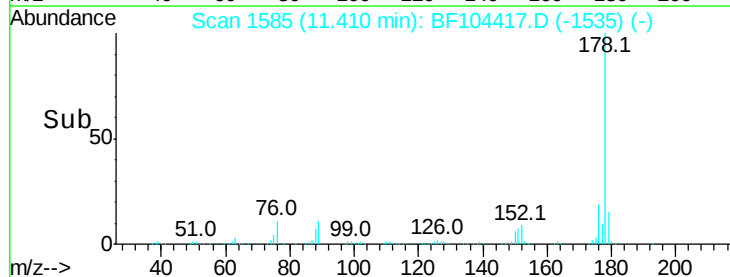
Tgt Ion:178 Resp: 503111
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.6 19.0

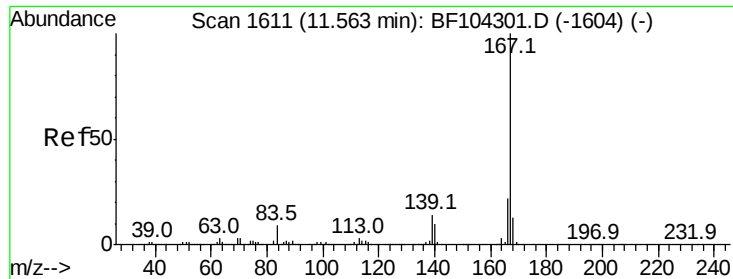


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 11.35 11.40 11.45

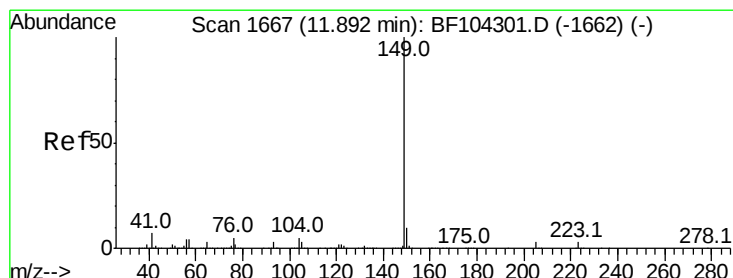
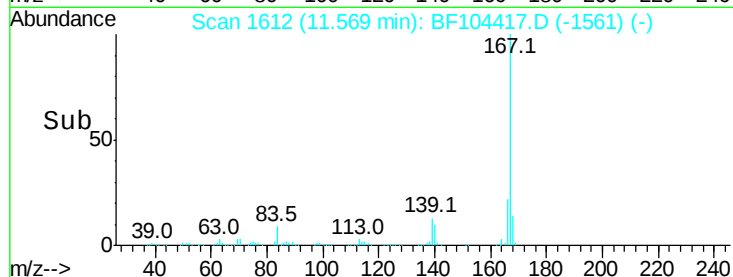
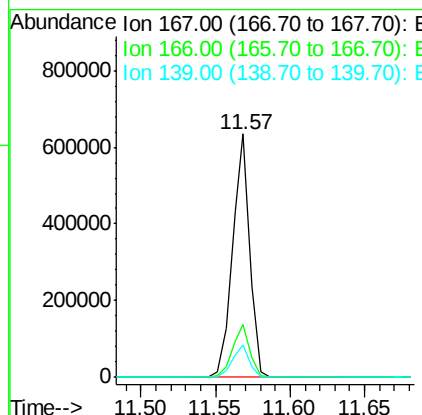
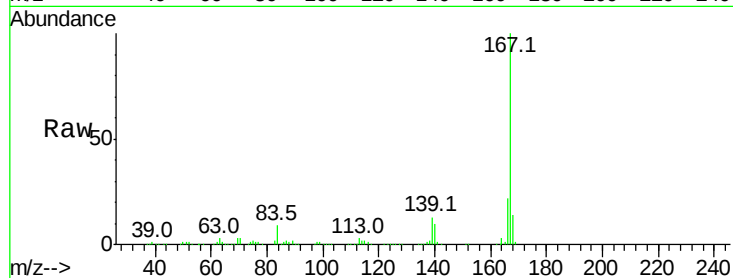




#72
 Carbazole
 Concen: 31.413 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

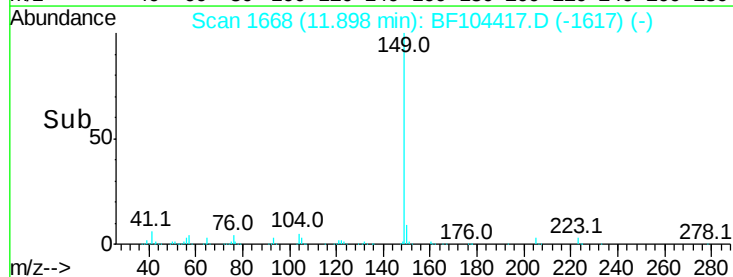
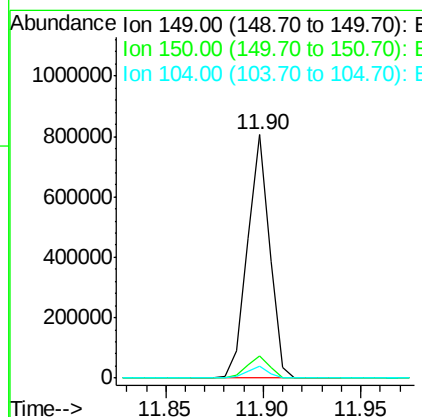
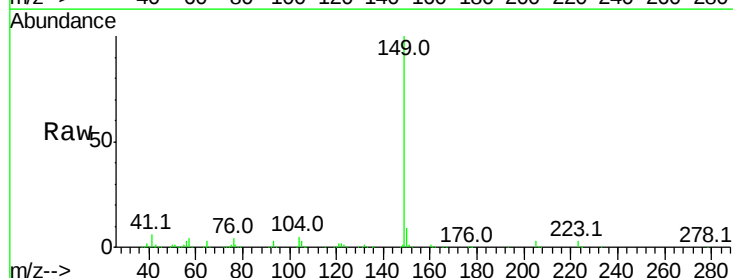
Instrument :
 BNA_F
 ClientSampleId :

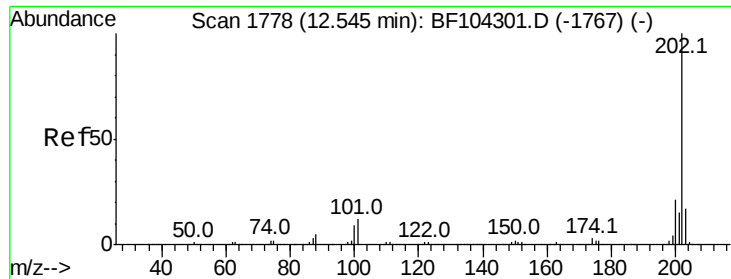
Tot Ion:167 Resp: 518863
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.1 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 31.306 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:149 Resp: 631667
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 4.7 3.8 5.8

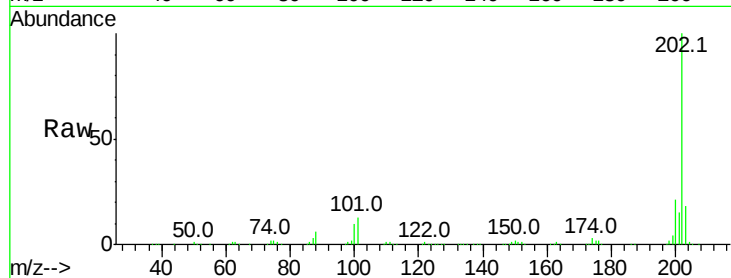




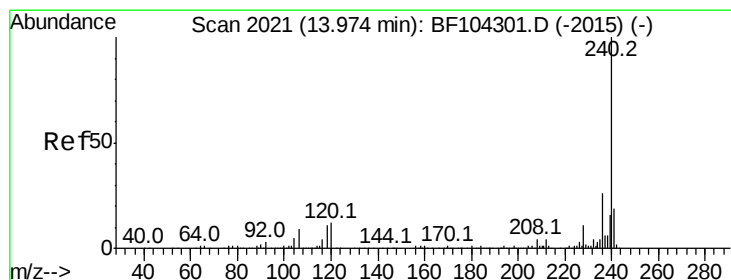
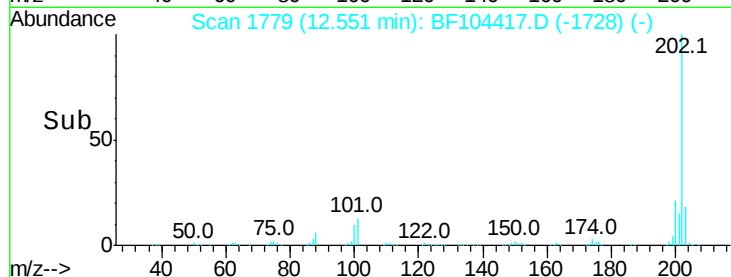
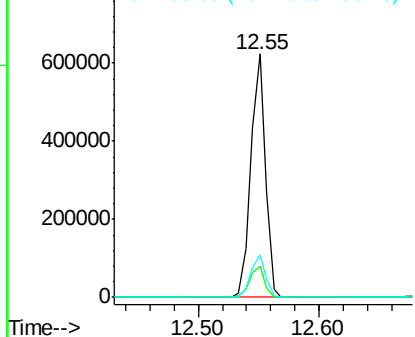
#74
 Fluoranthene
 Concen: 30.403 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 528218
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 34.1
 203 17.8 0.0 38.1

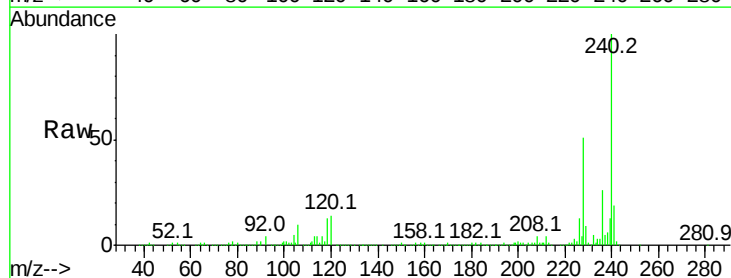


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

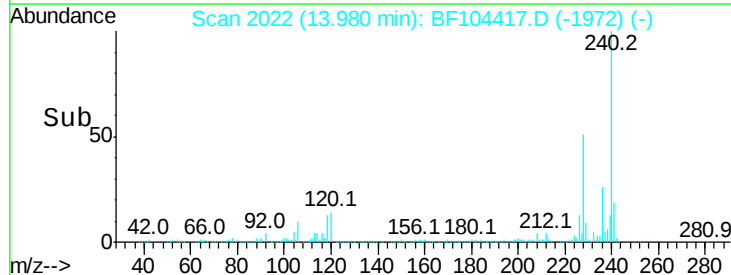
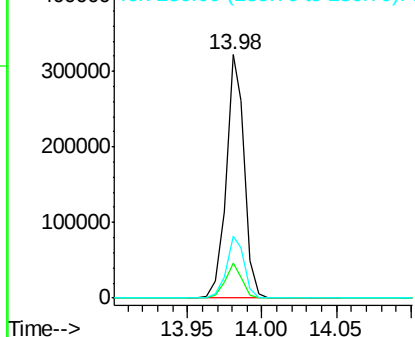


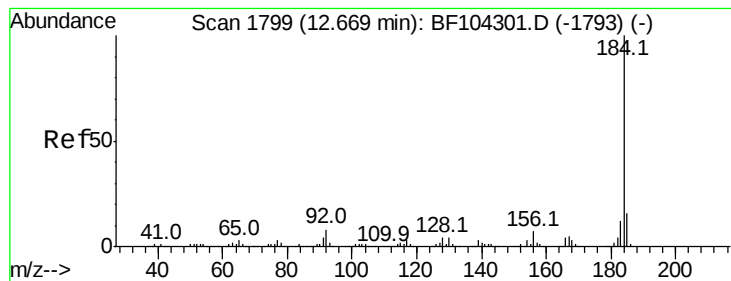
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:240 Resp: 275877
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 67.610 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

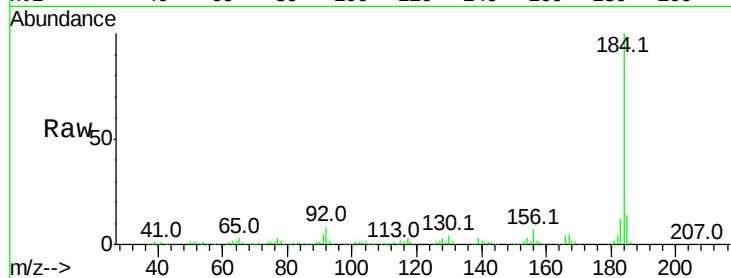
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 526689

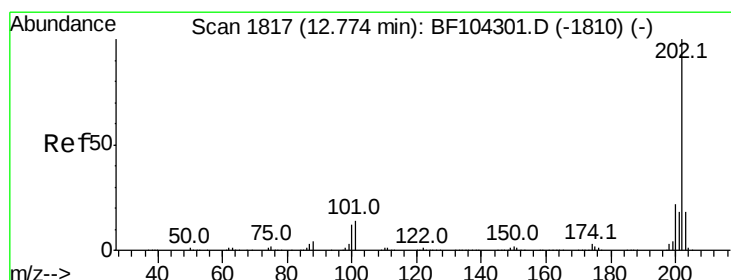
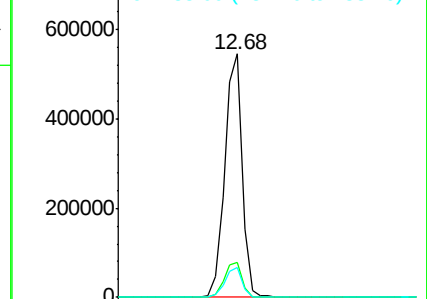
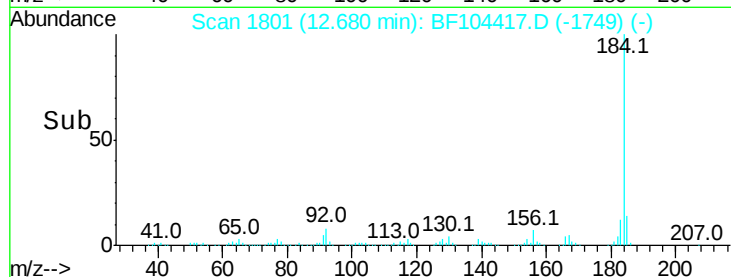
Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	12.2	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 26.913 ng

RT: 12.78 min Scan# 1818

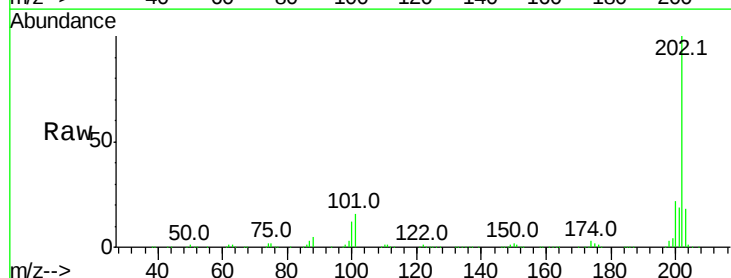
Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:202 Resp: 550334

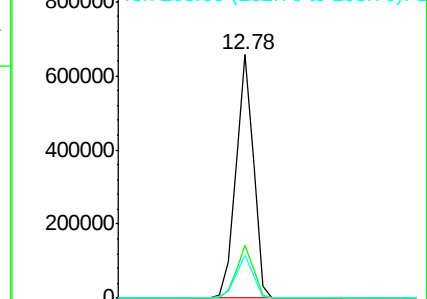
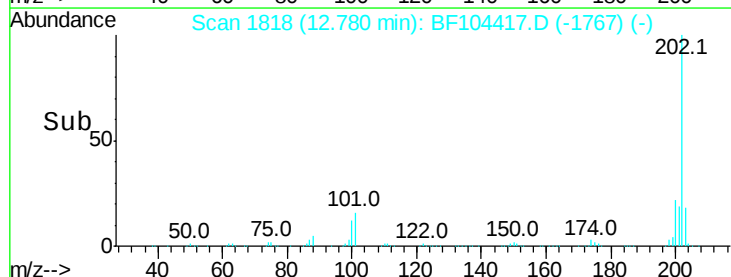
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.6	14.3	21.5

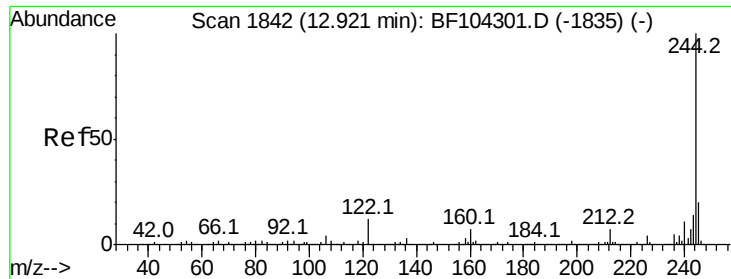


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.119 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampled :

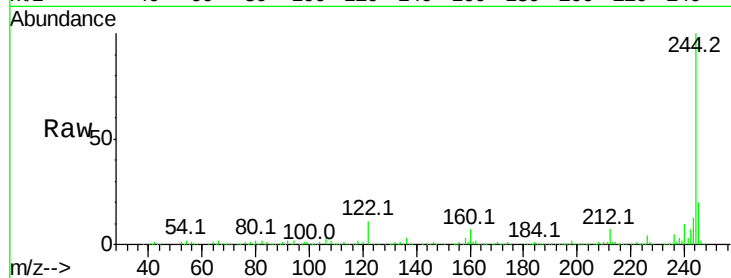
Tot Ion:244 Resp: 775895

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

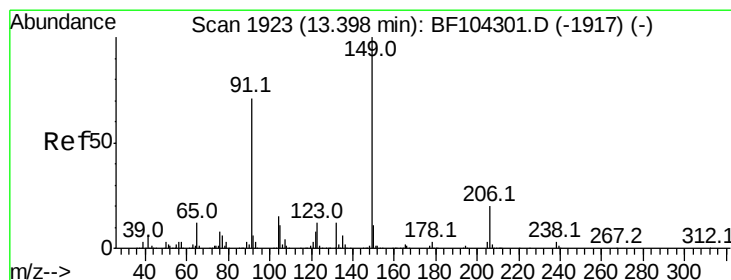
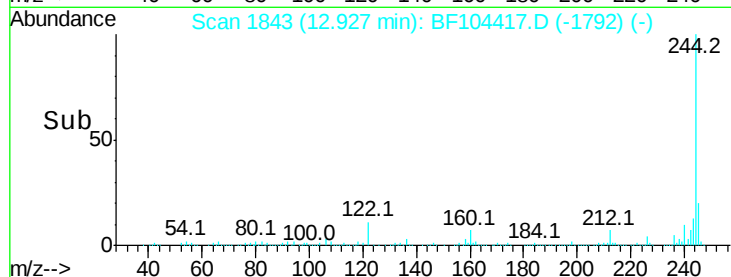
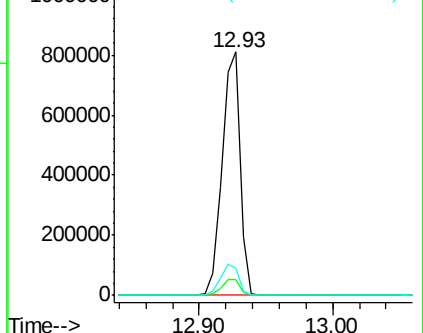
122 11.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 28.184 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

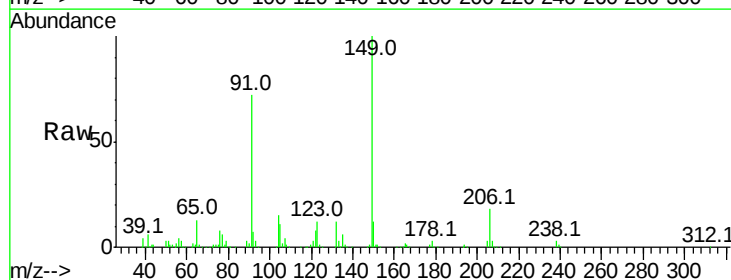
Tgt Ion:149 Resp: 271521

Ion Ratio Lower Upper

149 100

91 72.5 56.8 85.2

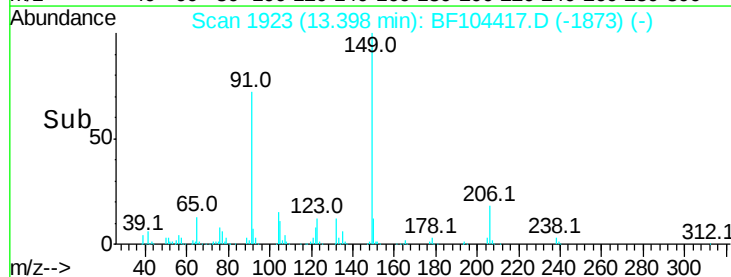
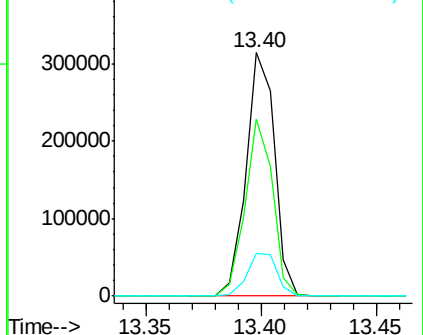
206 17.7 14.1 21.1

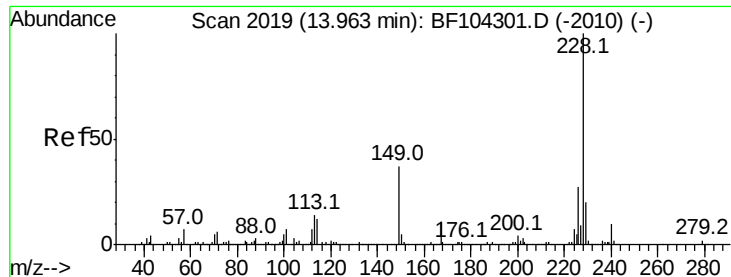


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 31.065 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

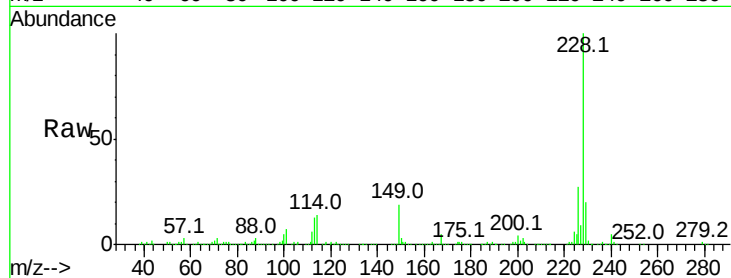
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 511993

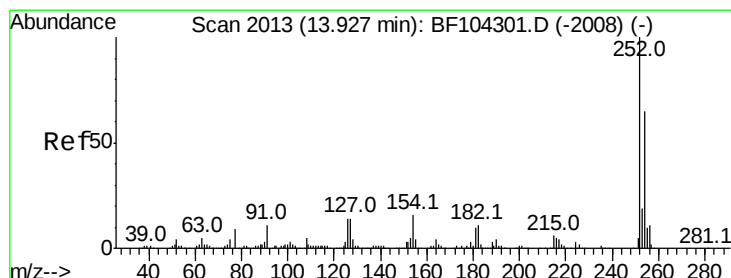
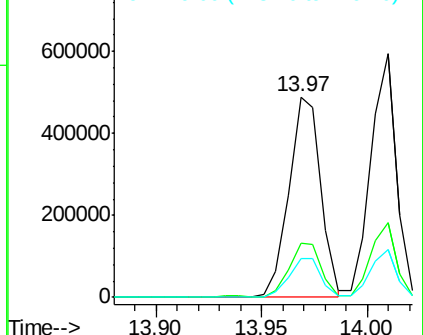
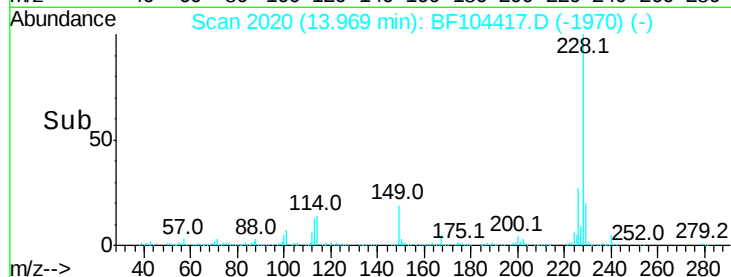
Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.7	15.8	23.6



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: 32.527 ng

RT: 13.93 min Scan# 2014

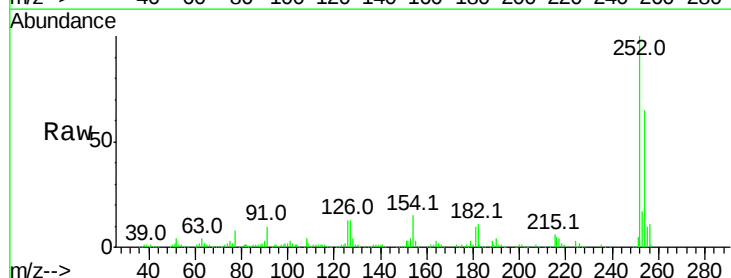
Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:252 Resp: 199882

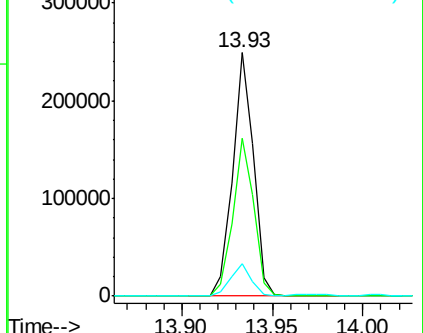
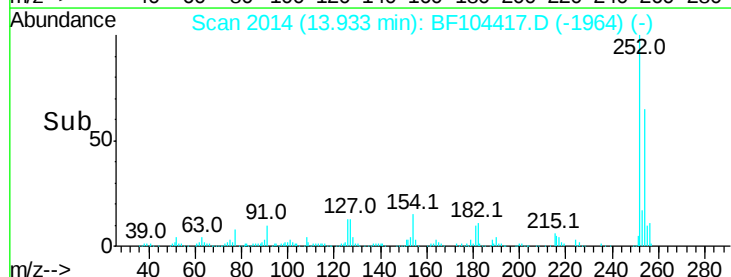
Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.4	75.6
126	13.2	11.3	16.9

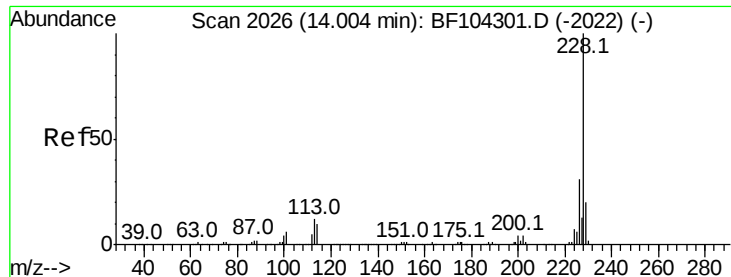


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 29.760 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

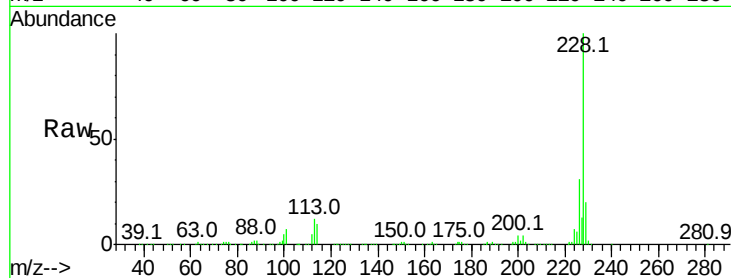
Tot Ion:228 Resp: 503790

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

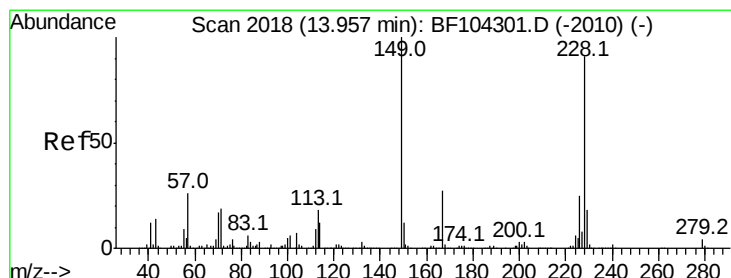
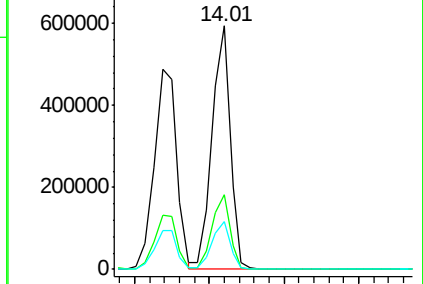
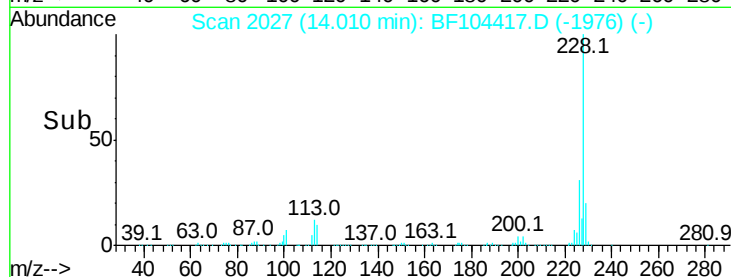
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 30.928 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

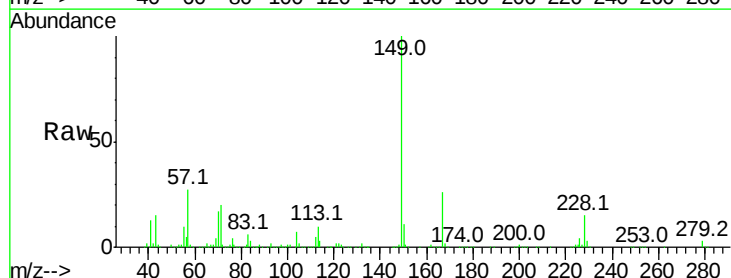
Tgt Ion:149 Resp: 383240

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

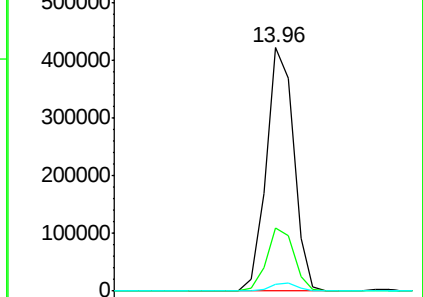
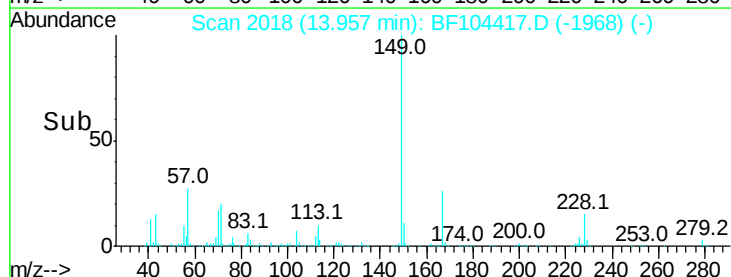
279 3.0 3.0 4.4

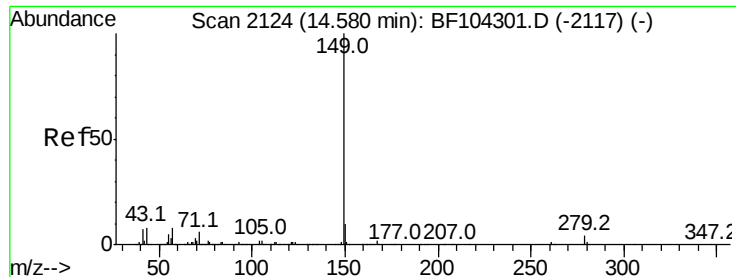


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

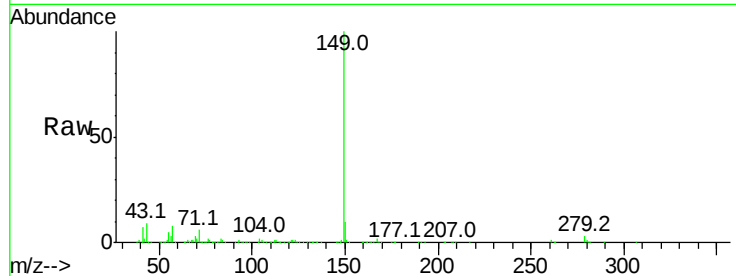




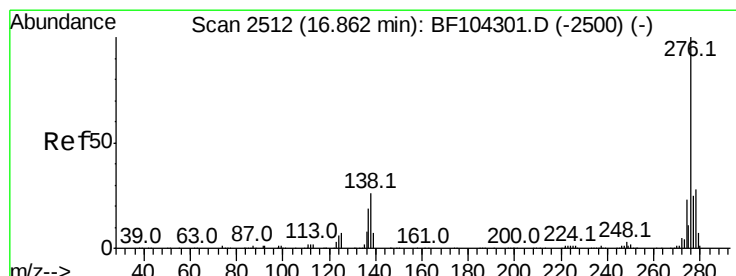
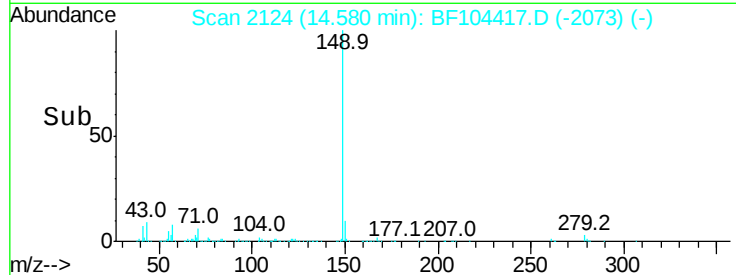
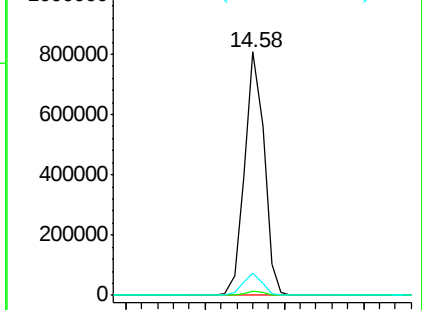
#84
Di-n-octyl phthalate
Concen: 33.277 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 689002
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.6 8.4 12.6

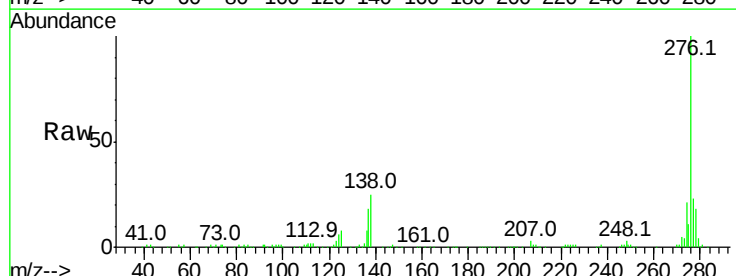


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

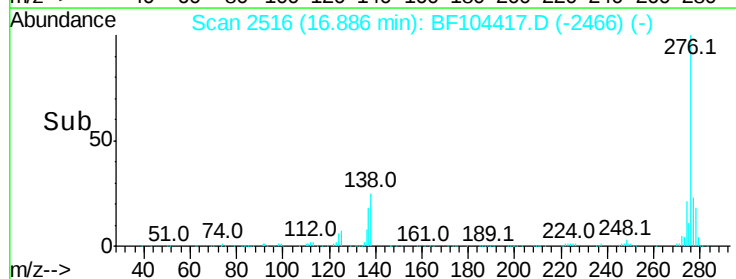
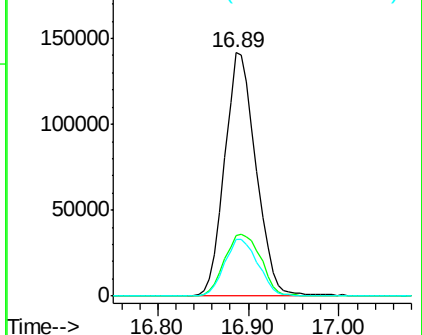


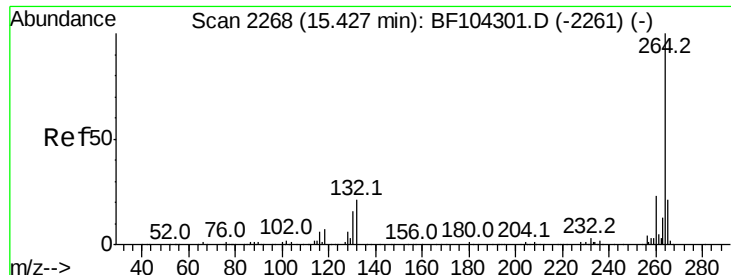
#85
Indeno(1,2,3-cd)pyrene
Concen: 23.715 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion:276 Resp: 341037
Ion Ratio Lower Upper
276 100
138 29.5 25.0 37.6
277 25.1 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

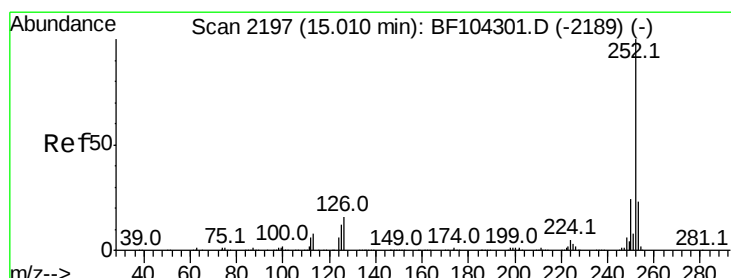
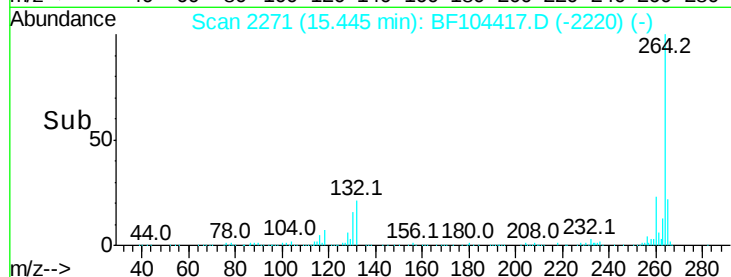
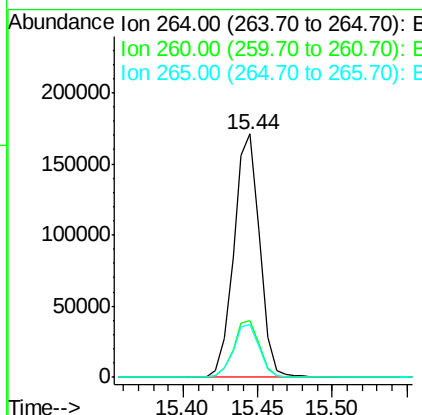
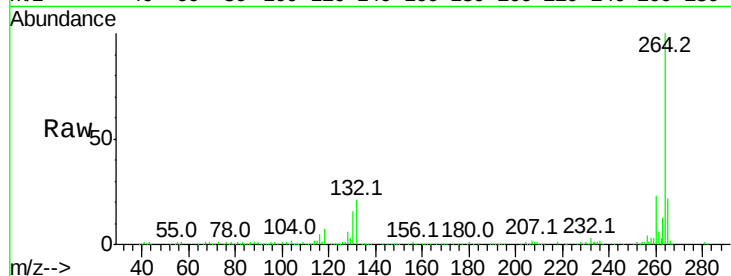




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

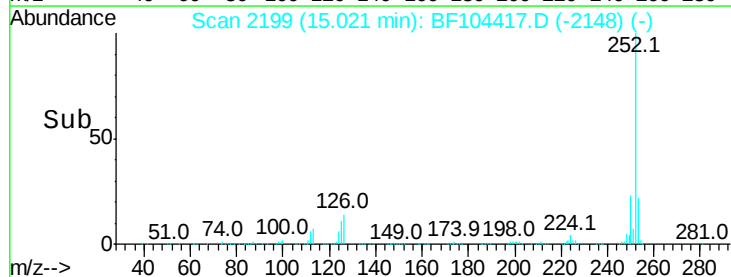
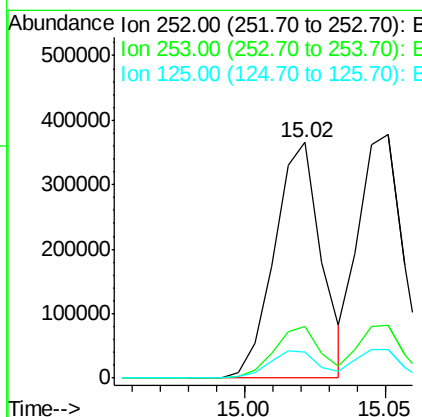
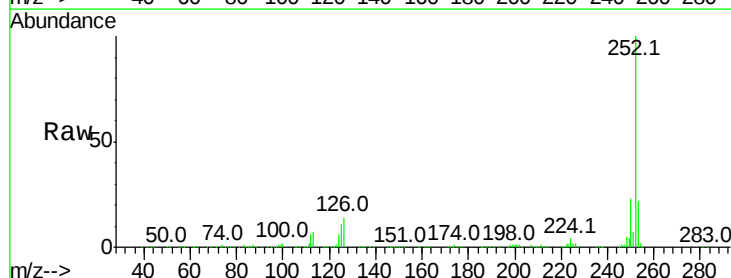
Instrument :
 BNA_F
 ClientSampleId :

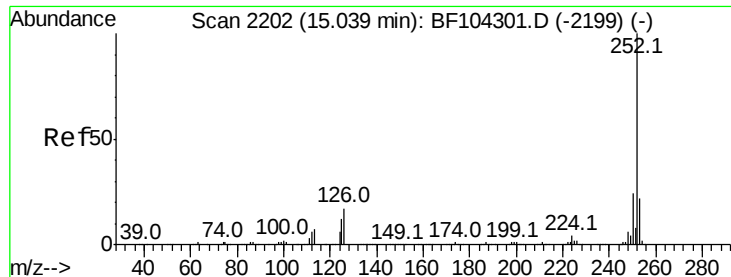
Tot Ion:264 Resp: 206979
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.9 17.5 26.3



#87
 Benzo(b)fluoranthene
 Concen: 32.296 ng
 RT: 15.02 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: BF104417.D
 Acq: 10 Apr 2018 19:00

Tgt Ion:252 Resp: 422192
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.0 25.6
 125 11.3 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 33.180 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BF104417.D

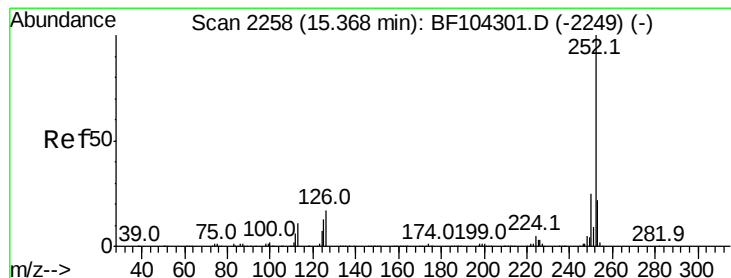
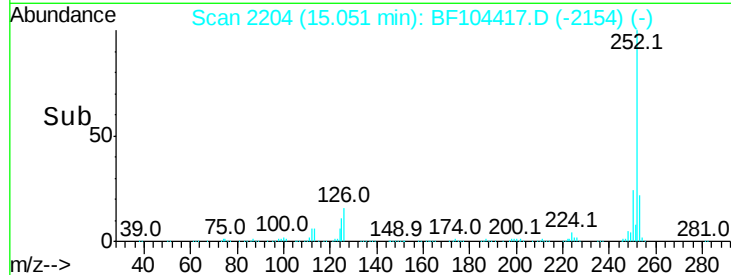
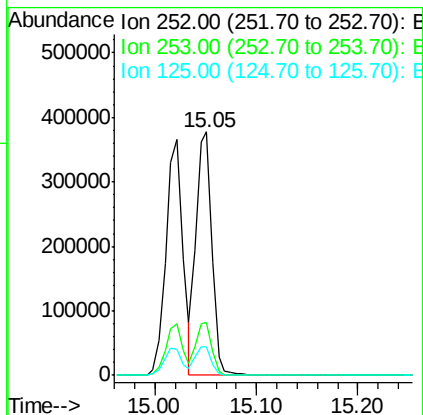
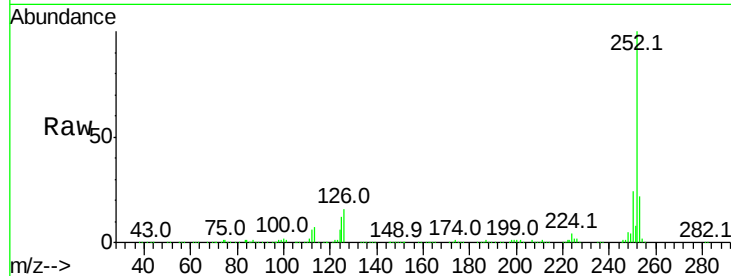
Acq: 10 Apr 2018 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	409495
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.9 26.9
125	11.6	10.2 15.2



#89

Benzo(a)pyrene

Concen: 30.750 ng

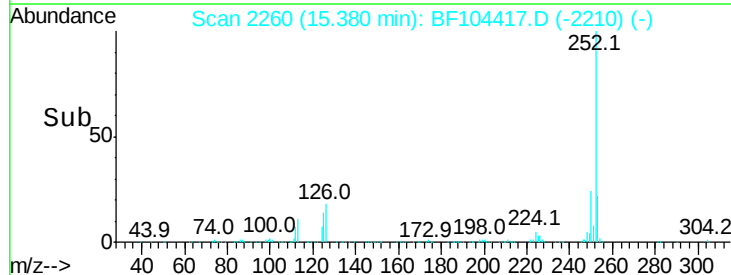
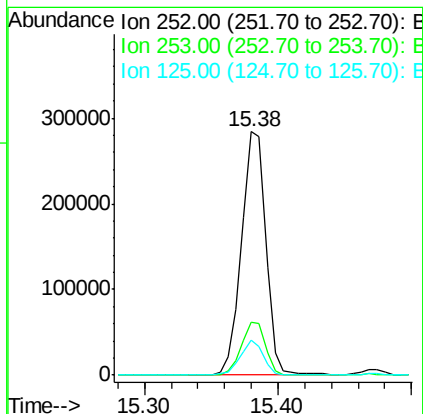
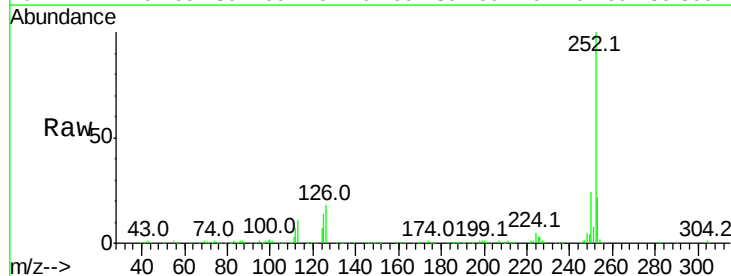
RT: 15.38 min Scan# 2260

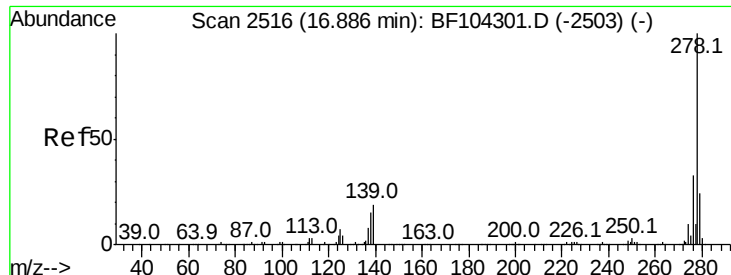
Delta R.T. -0.01 min

Lab File: BF104417.D

Acq: 10 Apr 2018 19:00

Tgt Ion:252	Resp:	359666
Ion Ratio	Lower	Upper
252	100	
253	21.5	17.1 25.7
125	14.4	9.8 14.6

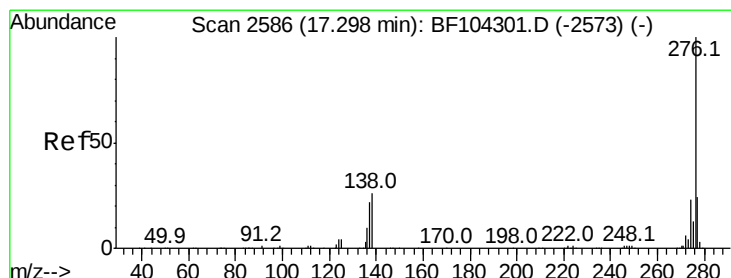
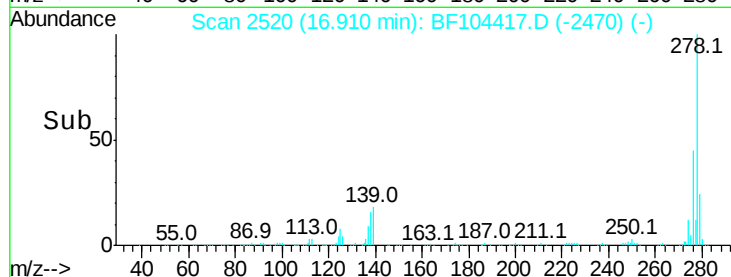
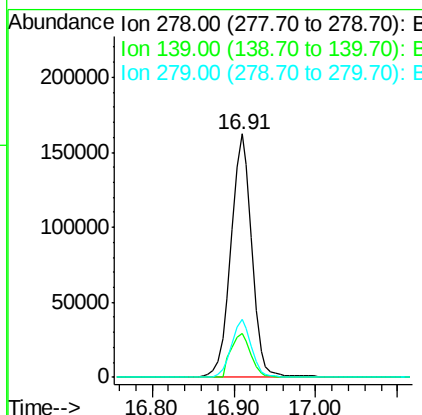
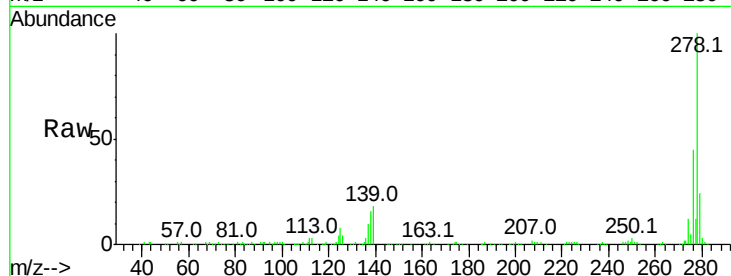




#90
Dibenzo(a,h)anthracene
Concen: 30.099 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	23.6	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 29.569 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.01 min
Lab File: BF104417.D
Acq: 10 Apr 2018 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	24.4	21.8	32.8

