

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101417.D
 Acq On : 15 Dec 2017 2:04
 Operator : SJ/JU
 Sample : I6828-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 04:52:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	197252	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	797834	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	359656	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	655237	20.00	ng	0.00
75) Chrysene-d12	14.00	240	428363	20.00	ng	0.00
86) Perylene-d12	15.46	264	384665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1203664	90.90	ng	0.01
7) Phenol-d6	6.46	99	1479826	89.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	957966	66.84	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	333906	96.35	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1410243	60.83	ng	0.00
78) Terphenyl-d14	12.93	244	1352160	76.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	195226	28.692	ng	97
3) Pyridine	3.40	79	514152	27.197	ng	97
4) n-Nitrosodimethylamine	3.36	42	281593	32.351	ng	96
6) Aniline	6.49	93	262399	11.457	ng	90
8) 2-Chlorophenol	6.60	128	445936	32.013	ng	97
9) Benzaldehyde	6.37	77	152197	12.505	ng	99
10) Phenol	6.47	94	626382	33.347	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	468059	31.767	ng	97
12) 1,3-Dichlorobenzene	6.76	146	488092	31.046	ng	99
13) 1,4-Dichlorobenzene	6.83	146	496311	30.914	ng	99
14) 1,2-Dichlorobenzene	6.99	146	455643	31.530	ng	97
15) Benzyl Alcohol	6.96	79	354177	31.223	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	792337	35.138	ng	81
17) 2-Methylphenol	7.07	107	388378	30.310	ng	95
18) Hexachloroethane	7.32	117	173828	31.142	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	319199	29.493	ng	95
20) 3+4-Methylphenols	7.23	107	474405	34.939	ng	# 63
22) Acetophenone	7.23	105	579177	31.815	ng	# 88
24) Nitrobenzene	7.40	77	514449	32.432	ng	98
25) Isophorone	7.64	82	960554	33.408	ng	97
26) 2-Nitrophenol	7.72	139	247902	36.377	ng	97
27) 2,4-Dimethylphenol	7.76	122	414836	35.831	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	596738	32.673	ng	99
29) 2,4-Dichlorophenol	7.96	162	398320	34.824	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	387105	32.070	ng	97
31) Naphthalene	8.12	128	1300584	32.380	ng	100
32) Benzoic acid	7.86	122	21025	10.209	ng	99
33) 4-Chloroaniline	8.17	127	101644	5.822	ng	98
34) Hexachlorobutadiene	8.23	225	216219	30.971	ng	99
36) 4-Chloro-3-methylphenol	8.67	107	416437	33.125	ng	100
37) 2-Methylnaphthalene	8.81	142	854785	32.664	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	369698	30.446	ng	98
40) Hexachlorocyclopentadiene	8.96	237	79594	44.548	ng	99
42) 2,4,6-Trichlorophenol	9.10	196	252533	34.544	ng	100

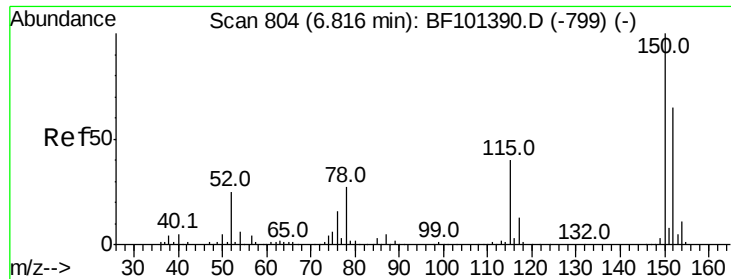
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101417.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	266970	33.353	nq	96
45) 1,1'-Biphenyl	9.27	154	973562	30.523	nq	99
46) 2-Chloronaphthalene	9.30	162	779045	31.921	nq	97
47) 2-Nitroaniline	9.41	65	282716	33.533	nq	93
48) Acenaphthylene	9.72	152	1163178	30.175	nq	100
49) Dimethylphthalate	9.57	163	989956	34.220	nq	99
50) 2,6-Dinitrotoluene	9.65	165	197002	33.505	nq	94
51) Acenaphthene	9.89	154	699824	30.218	nq	100
52) 3-Nitroaniline	9.82	138	101744	13.879	nq	99
53) 2,4-Dinitrophenol	9.95	184	35262	25.318	nq	# 17
54) Dibenzofuran	10.06	168	955893	32.478	nq	98
55) 4-Nitrophenol	10.00	139	226832	70.964	nq	92
56) 2,4-Dinitrotoluene	10.06	165	224791	33.933	nq	# 82
57) Fluorene	10.40	166	800068	32.134	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	218896	38.063	nq	87
59) Diethylphthalate	10.27	149	876463	30.594	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	381633	31.983	nq	94
61) 4-Nitroaniline	10.44	138	192725	26.156	nq	97
62) Azobenzene	10.56	77	910185	30.670	nq	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	75631	22.619	nq	94
65) n-Nitrosodiphenylamine	10.52	169	763646	31.563	nq	96
66) 4-Bromophenyl-phenylether	10.89	248	243967	33.137	nq	# 85
67) Hexachlorobenzene	10.96	284	248955	31.949	nq	# 90
68) Atrazine	11.05	200	235171	32.599	nq	97
69) Pentachlorophenol	11.16	266	203628	68.249	nq	96
70) Phenanthrene	11.37	178	1166663	32.017	nq	99
71) Anthracene	11.43	178	1192323	32.033	nq	99
72) Carbazole	11.58	167	1095336	31.431	nq	99
73) Di-n-butylphthalate	11.90	149	1335902	31.584	nq	100
74) Fluoranthene	12.56	202	1194284	31.225	nq	99
76) Benzidine	12.69	184	323772	17.896	nq	98
77) Pyrene	12.79	202	1195155	37.176	nq	100
79) Butylbenzylphthalate	13.40	149	553701	38.064	nq	99
80) Benzo(a)anthracene	13.99	228	931060	32.917	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	196201	21.273	nq	# 97
82) Chrysene	14.02	228	849773	31.819	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	712926	38.694	nq	100
84) Di-n-octyl phthalate	14.56	149	1120162	34.090	nq	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	750507	31.558	nq	96
87) Benzo(b)fluoranthene	15.04	252	781639	33.338	nq	98
88) Benzo(k)fluoranthene	15.06	252	690888	30.307	nq	98
89) Benzo(a)pyrene	15.40	252	709182	32.811	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	639842	34.479	nq	97
91) Benzo(g,h,i)perylene	17.39	276	645510	35.128	nq	96

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

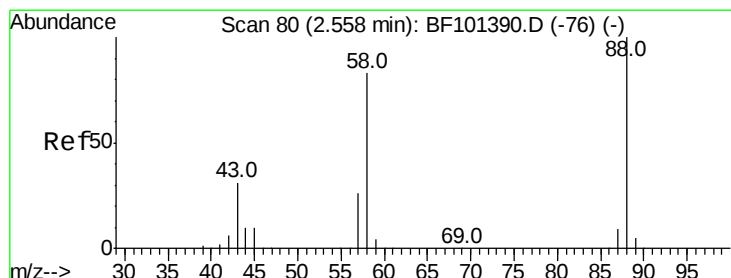
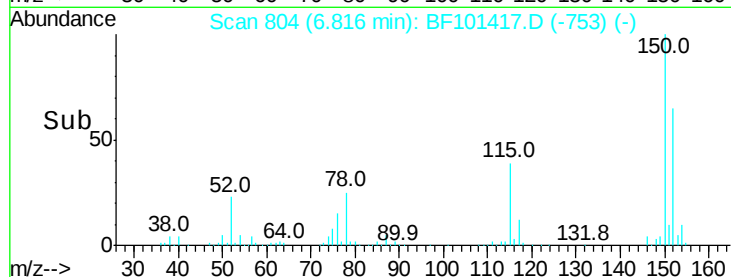
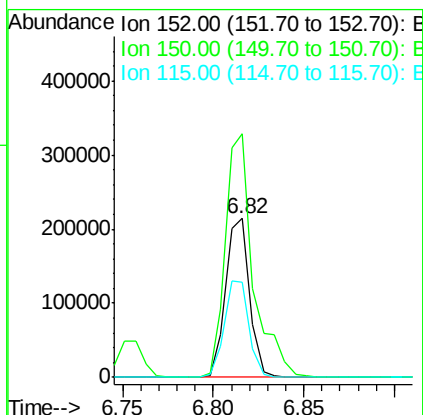
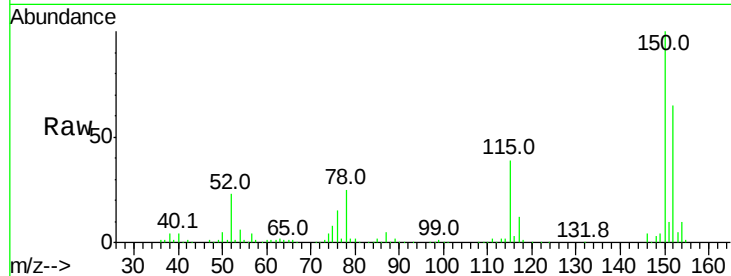


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampled :

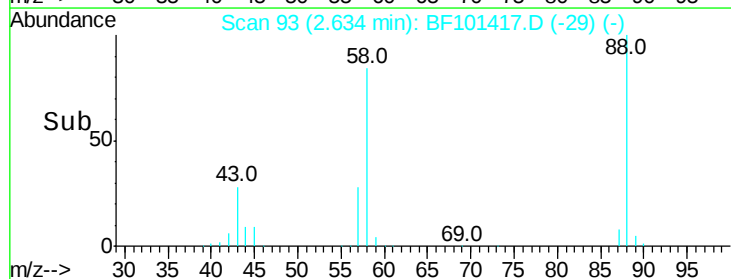
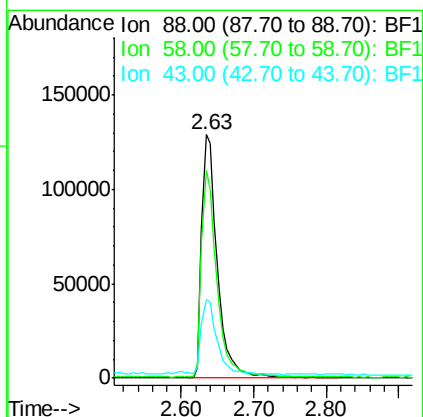
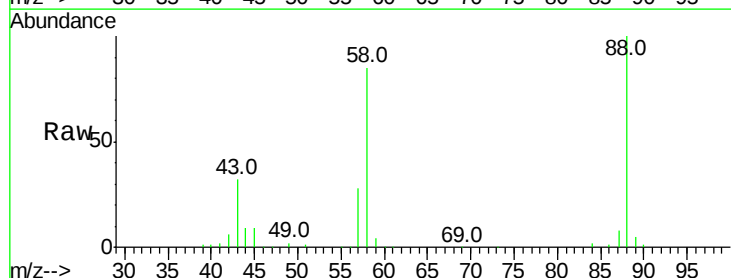
Tot Ion:152 Resp: 197252
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 60.2 50.1 75.1

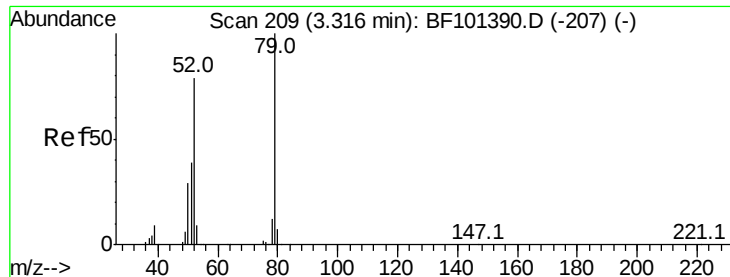


#2

1,4-Dioxane
Concen: 28.692 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.08 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion: 88 Resp: 195226
Ion Ratio Lower Upper
88 100
58 81.9 62.6 93.8
43 31.4 24.6 37.0





#3

Pvridine

Concen: 27.197 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.08 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

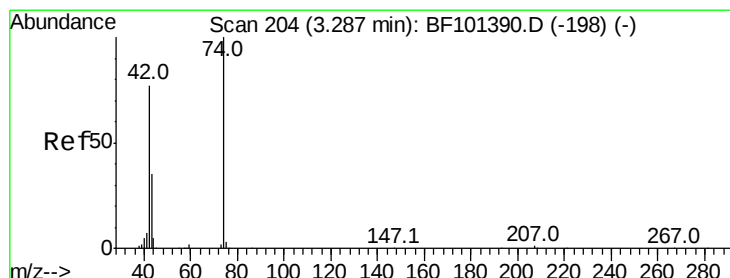
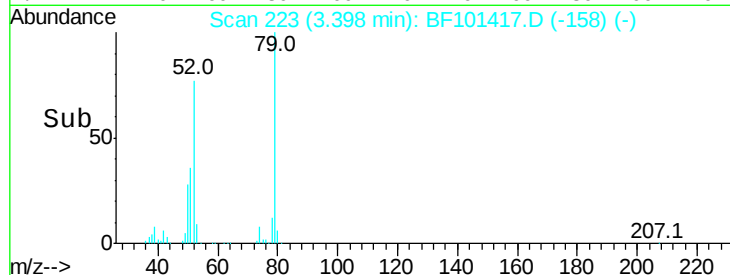
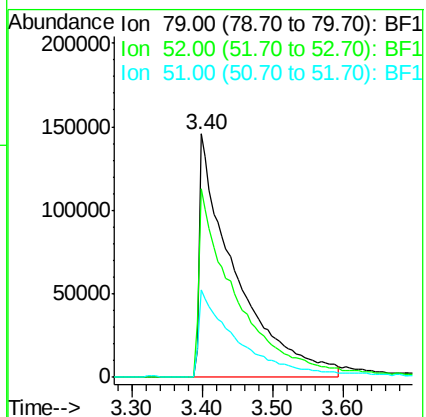
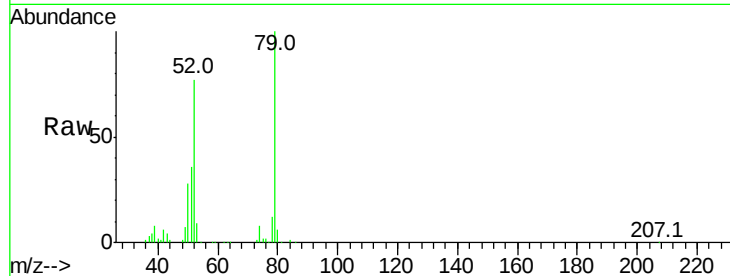
Tot Ion: 79 Resp: 514152

Ion Ratio Lower Upper

79 100

52 77.5 59.8 89.6

51 36.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.351 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.08 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

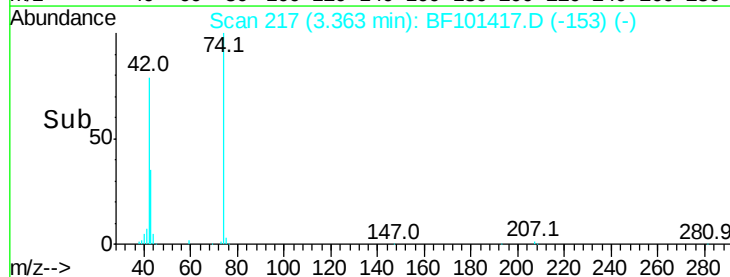
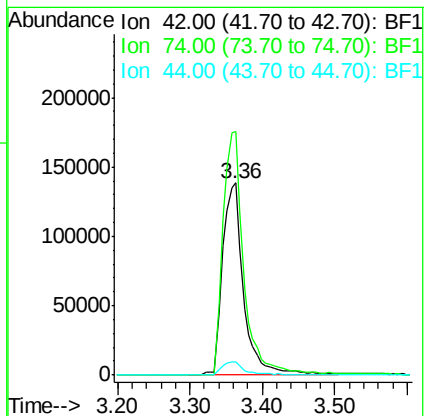
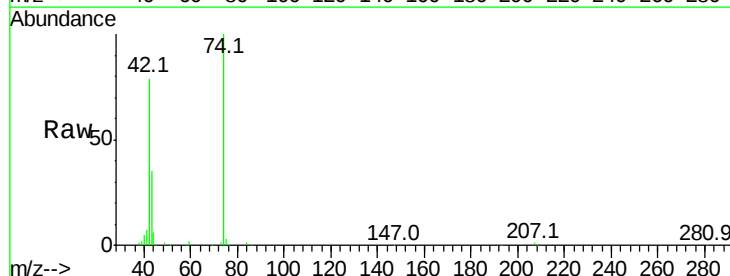
Tgt Ion: 42 Resp: 281593

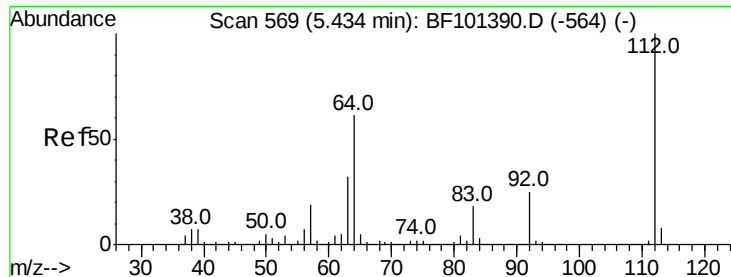
Ion Ratio Lower Upper

42 100

74 126.8 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 90.897 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

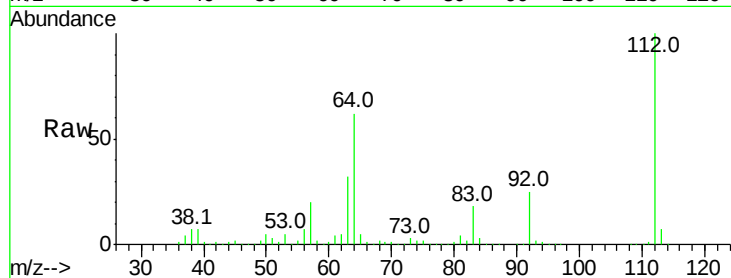
Tot Ion:112 Resp: 1203664

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

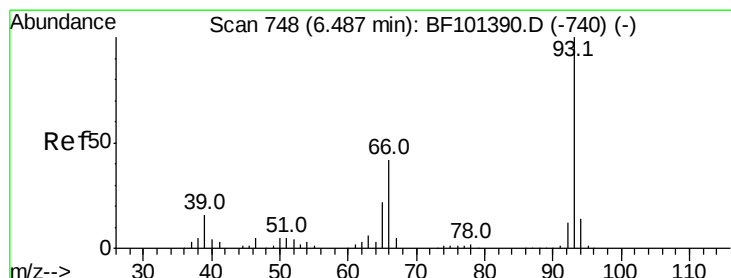
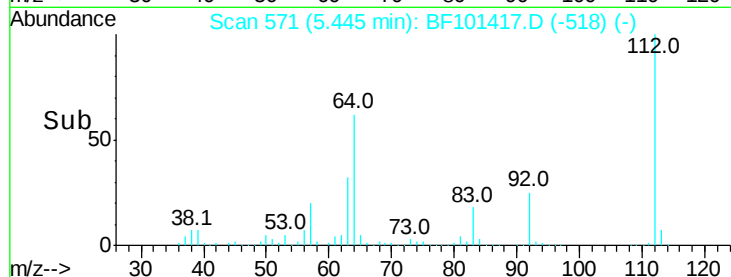
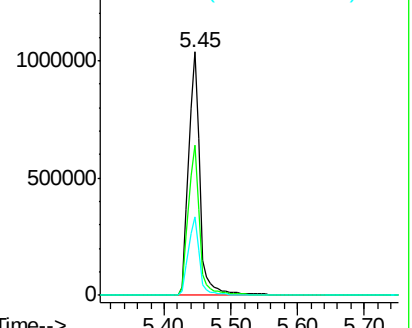
63 32.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.457 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

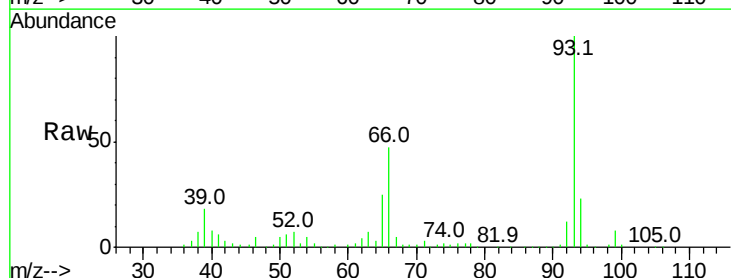
Tgt Ion: 93 Resp: 262399

Ion Ratio Lower Upper

93 100

66 46.5 32.2 48.2

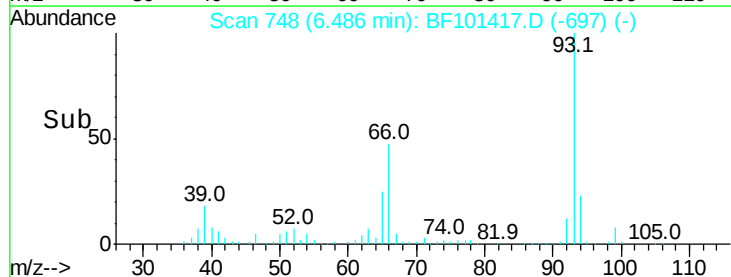
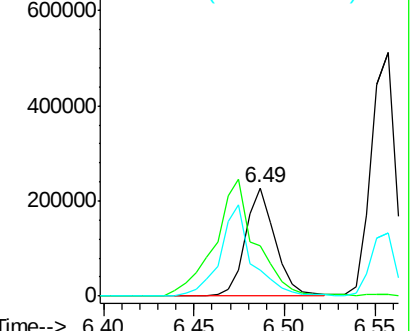
65 24.5 16.4 24.6

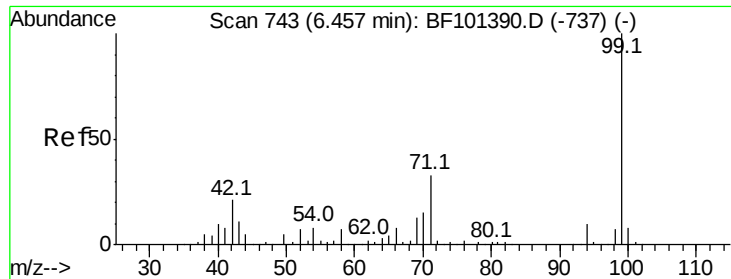


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.793 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

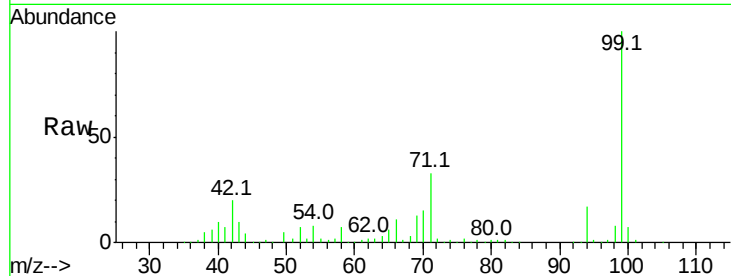
Tot Ion: 99 Resp: 1479826

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	32.6	25.4	38.0

99 100

42 20.3 14.5 21.7

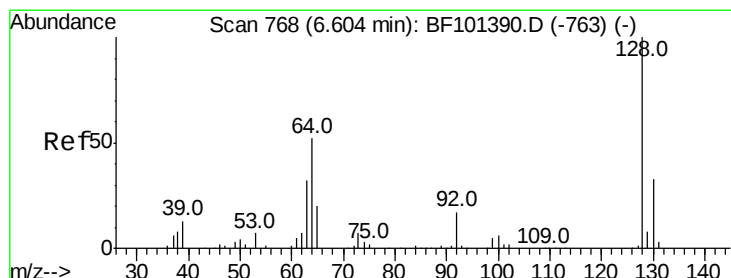
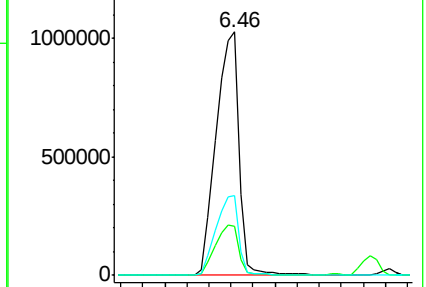
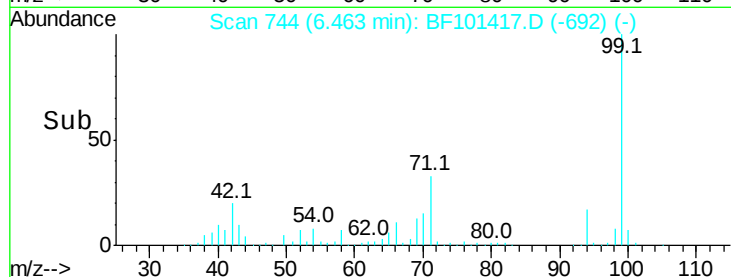
71 32.6 25.4 38.0



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: 32.013 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

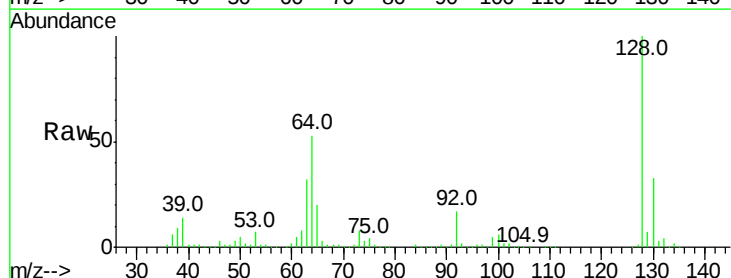
Tgt Ion:128 Resp: 445936

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	52.7	29.4	69.4

128 100

130 33.1 13.0 53.0

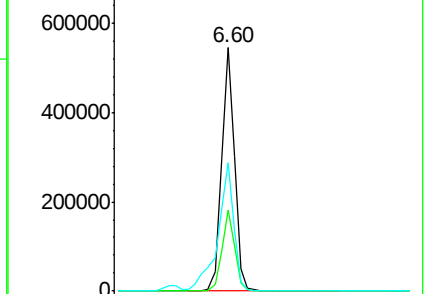
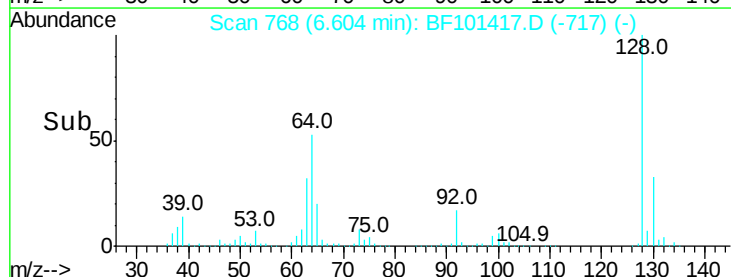
64 52.7 29.4 69.4

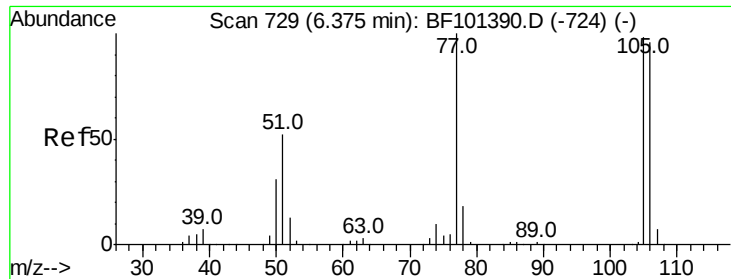


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

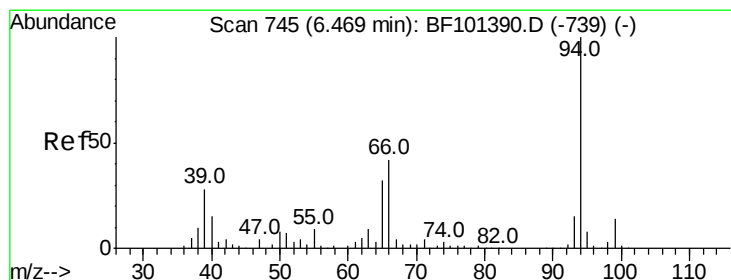
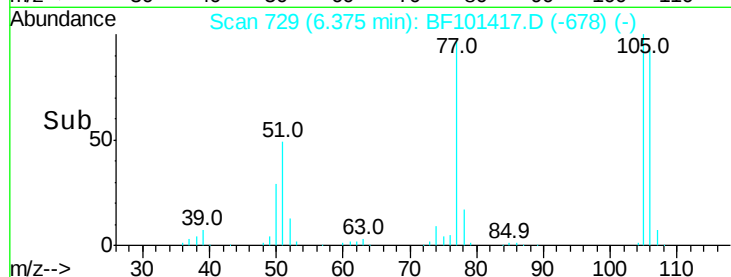
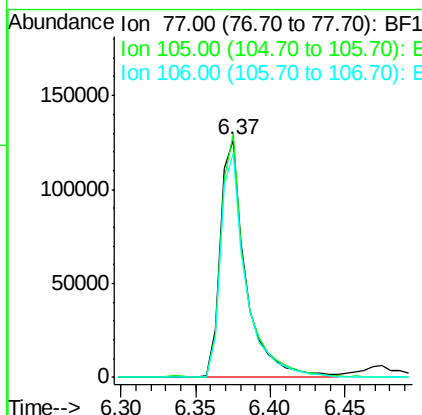
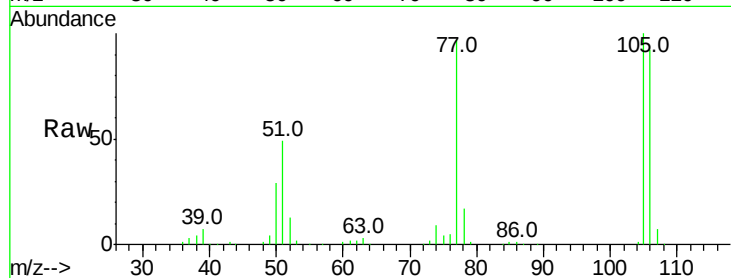




#9
Benzaldehyde
Concen: 12.505 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

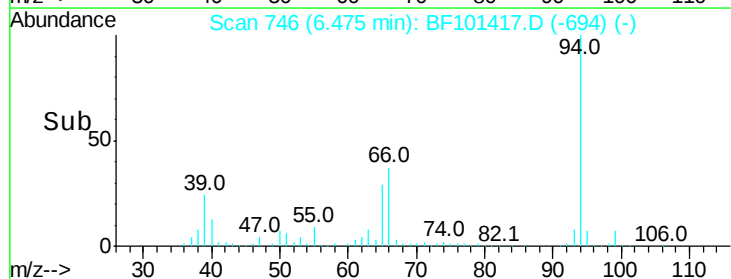
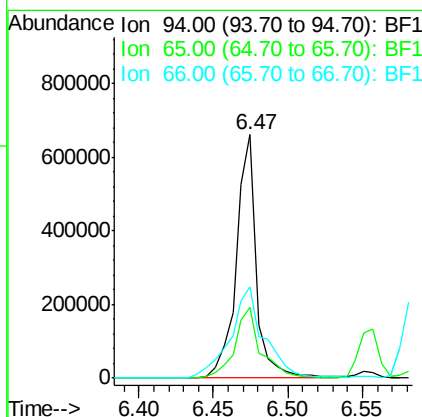
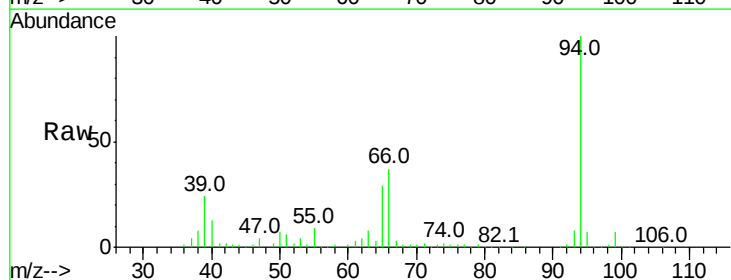
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.1	121.1
106	94.4	74.5	114.5



#10
Phenol
Concen: 33.347 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	37.3	16.2	56.2

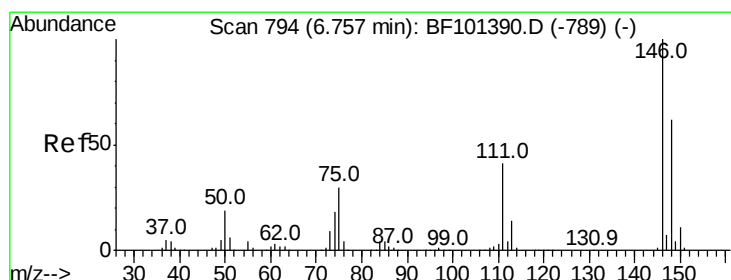
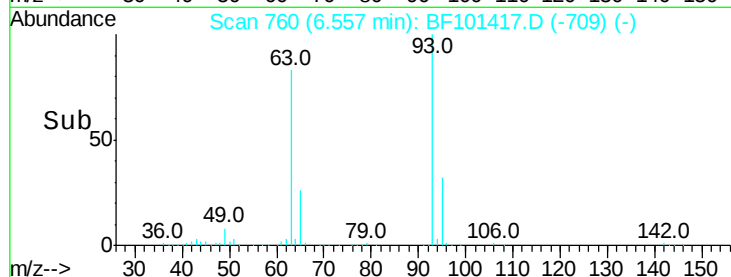
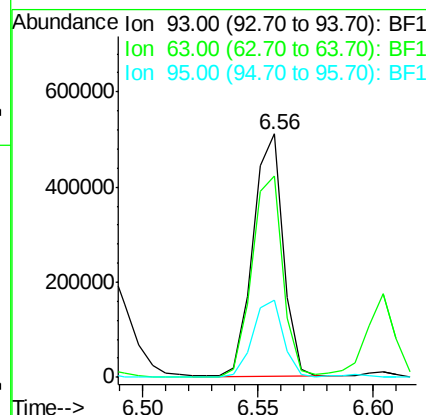
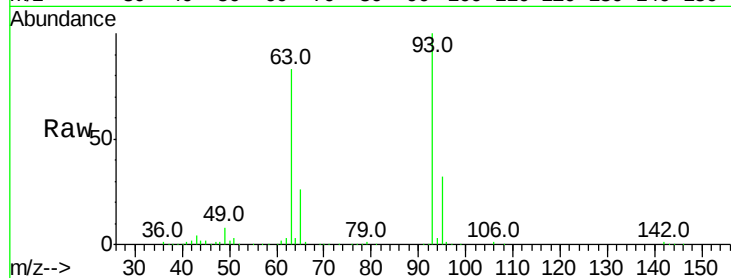




#11
bis(2-Chloroethyl)ether
Concen: 31.767 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

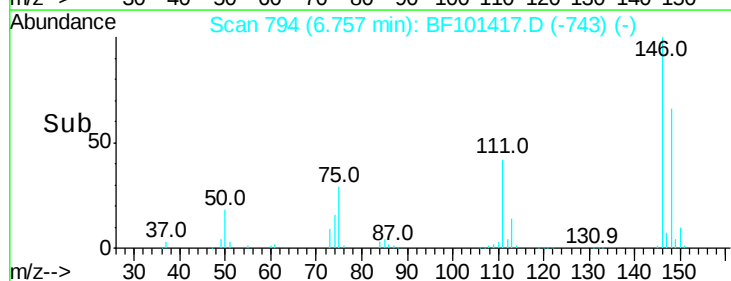
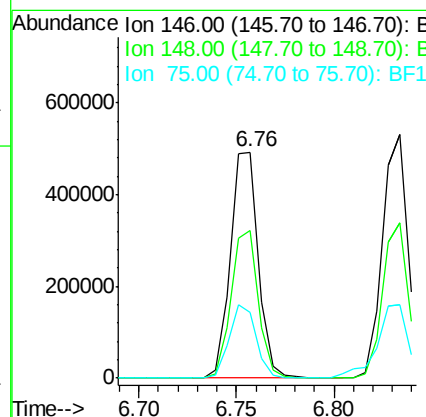
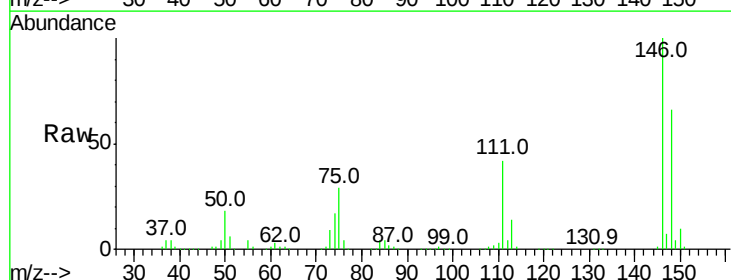
Instrument :
BNA_F
ClientSampleId :

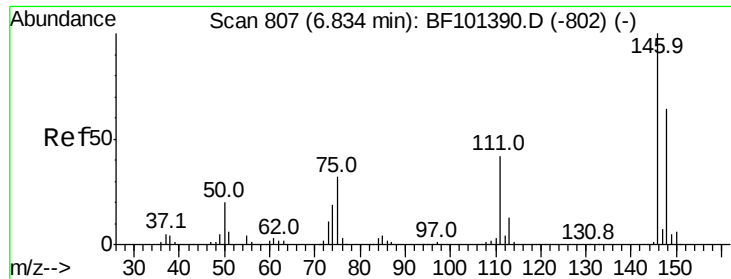
Tot Ion: 93 Resp: 468059
Ion Ratio Lower Upper
93 100
63 82.7 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.046 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion: 146 Resp: 488092
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
75 29.2 24.2 36.4

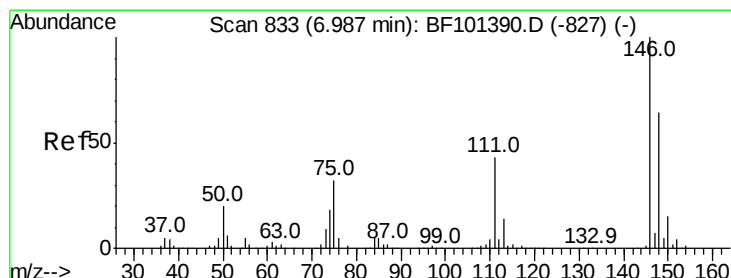
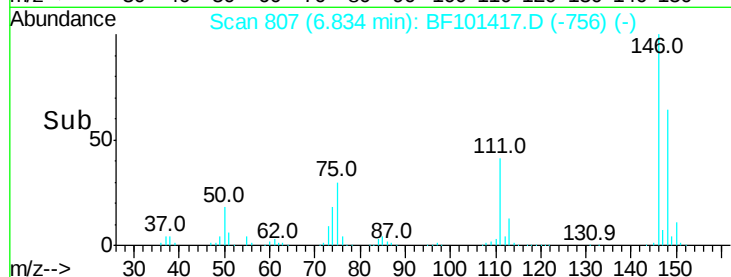
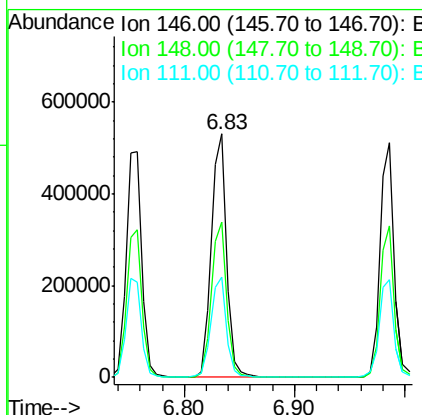
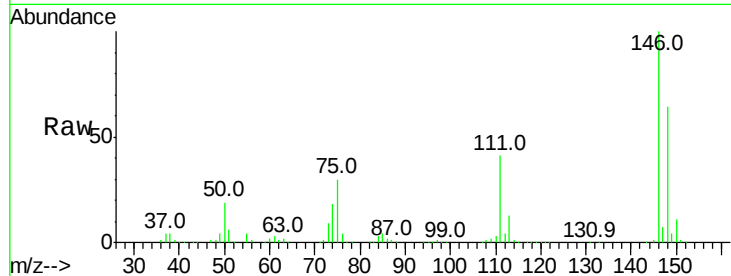




#13
 1,4-Dichlorobenzene
 Concen: 30.914 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

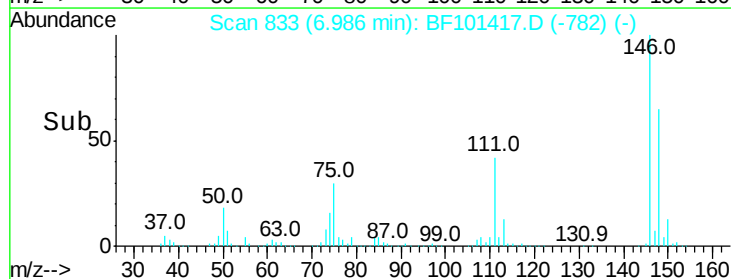
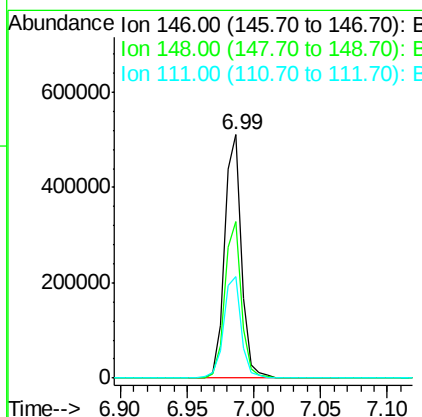
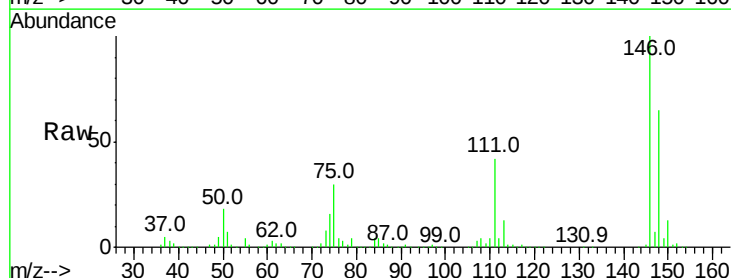
Instrument :
 BNA_F
 ClientSampleId :

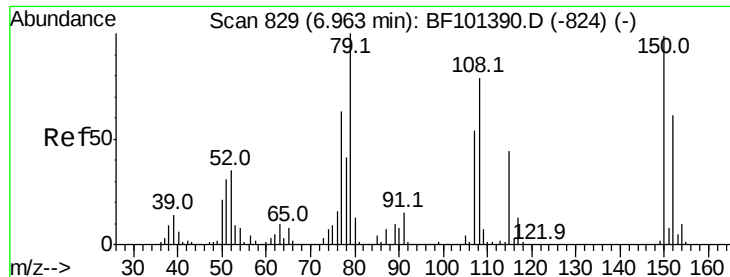
Tot Ion:146 Resp: 496311
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.530 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion:146 Resp: 455643
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 41.9 36.0 54.0

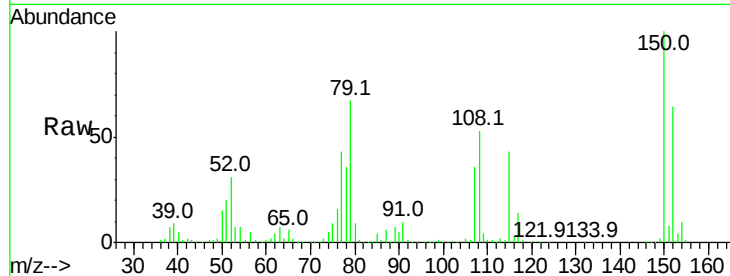




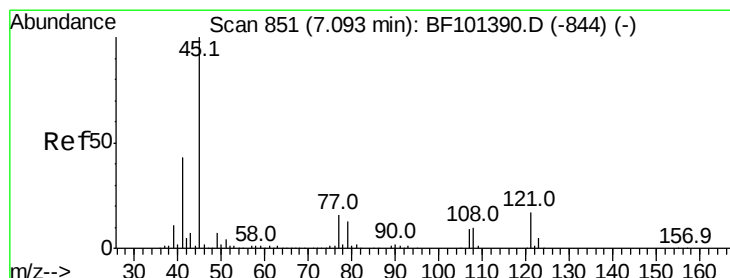
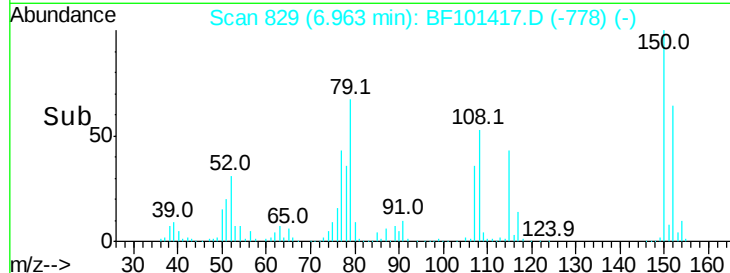
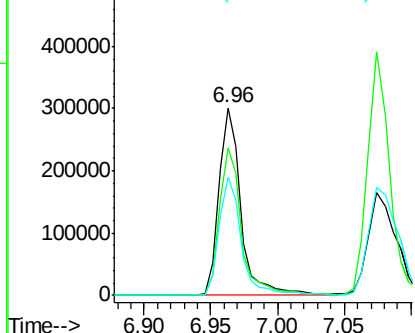
#15
Benzyl Alcohol
Concen: 31.223 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 354177
Ion Ratio Lower Upper
79 100
108 78.9 65.1 97.7
77 63.3 50.6 75.8

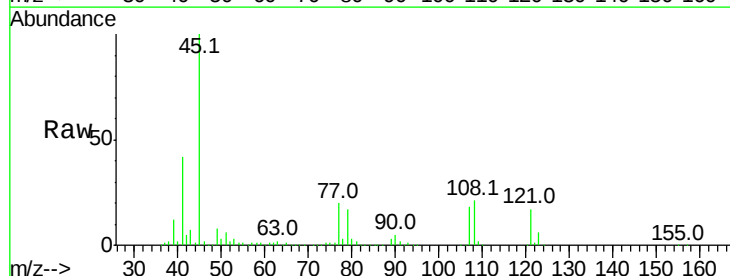


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

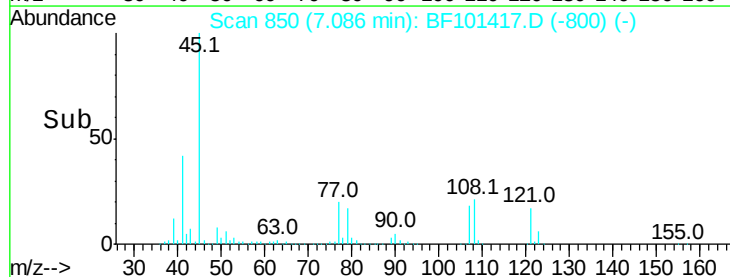
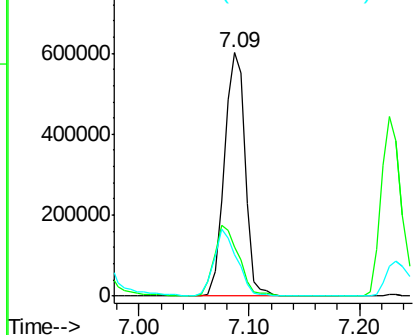


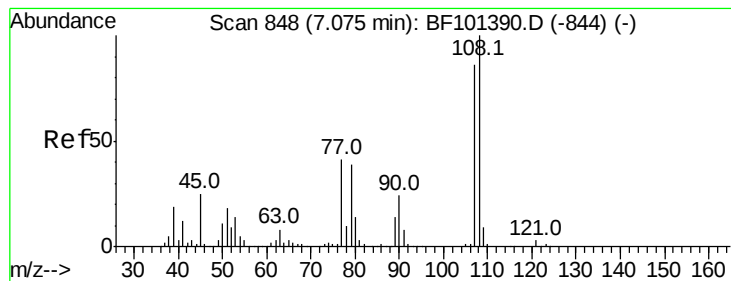
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.138 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion: 45 Resp: 792337
Ion Ratio Lower Upper
45 100
77 20.0 0.0 32.9
79 16.8 0.0 29.6



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

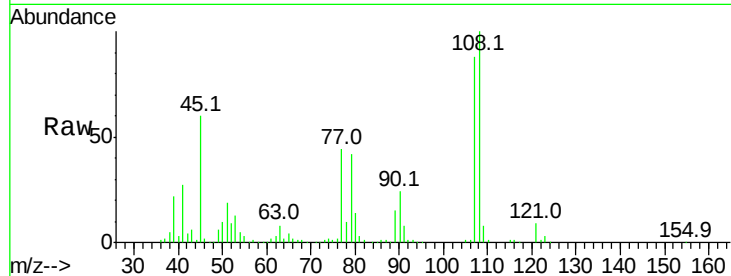




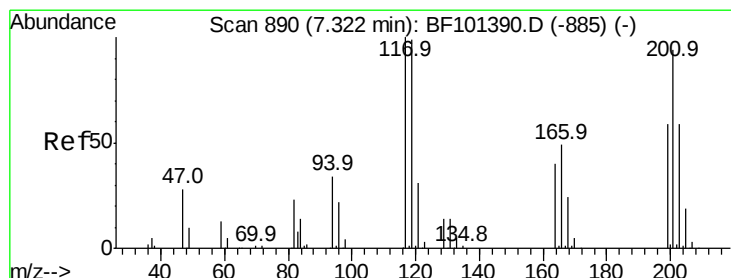
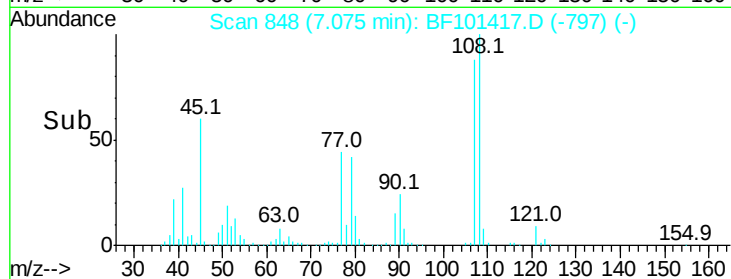
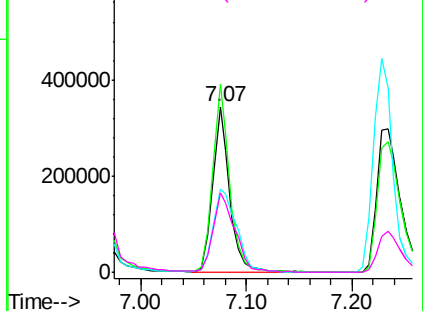
#17
2-Methylphenol
Concen: 30.310 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 388378
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 50.6 33.8 50.8
79 48.2 33.8 50.8

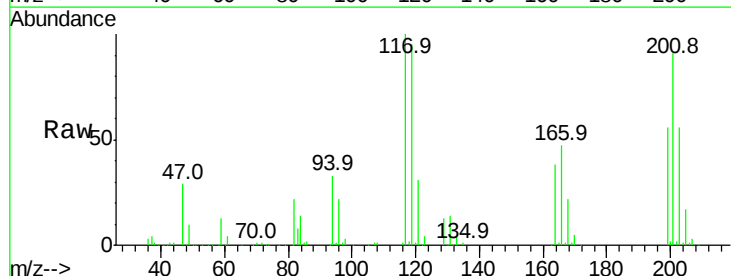


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

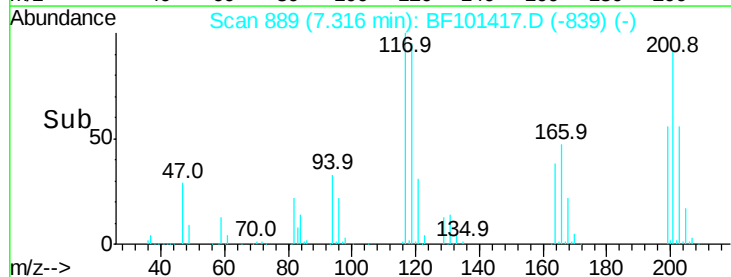
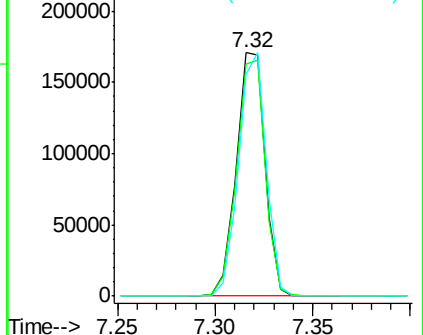


#18
Hexachloroethane
Concen: 31.142 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:117 Resp: 173828
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.8
201 91.2 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: 29.493 ng

RT: 7.23 min Scan# 875

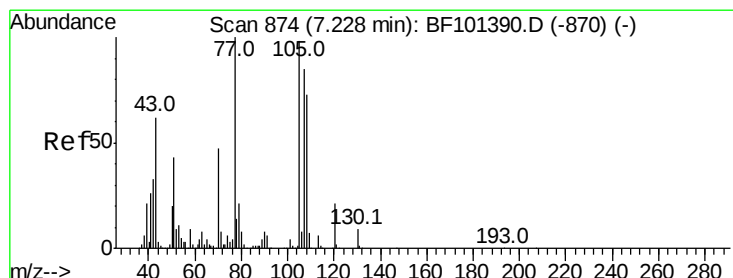
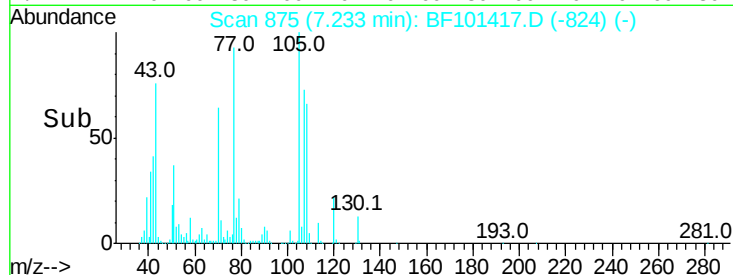
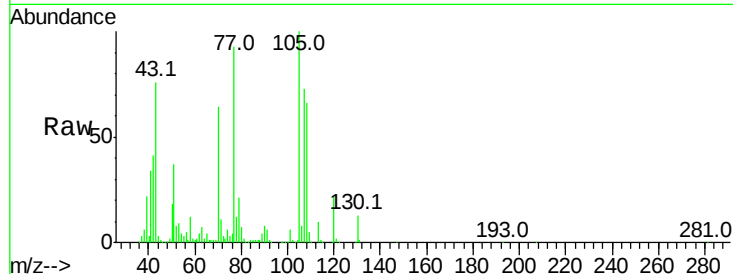
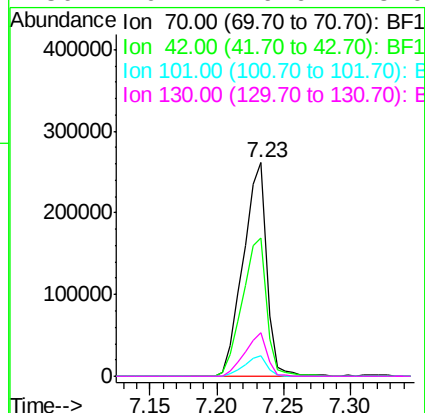
Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.5	71.3
101	9.6	7.4	11.2
130	20.7	16.6	25.0



#20

3+4-Methylphenols

Concen: 34.939 ng

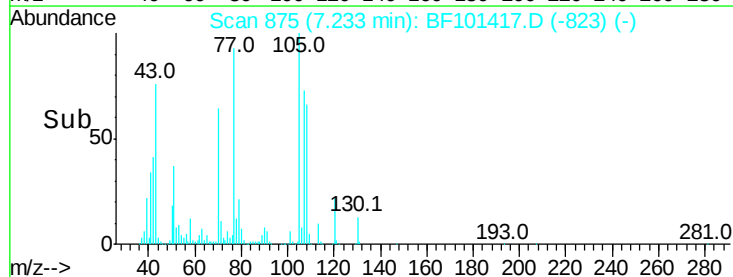
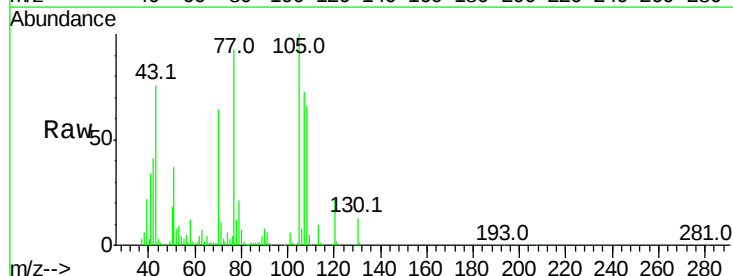
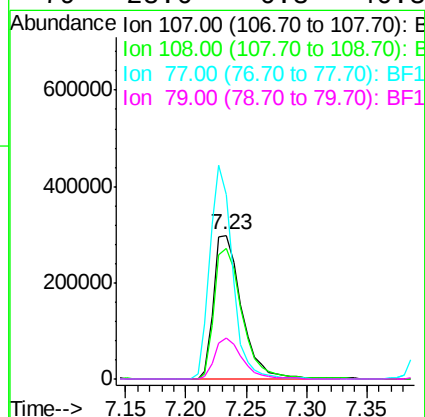
RT: 7.23 min Scan# 875

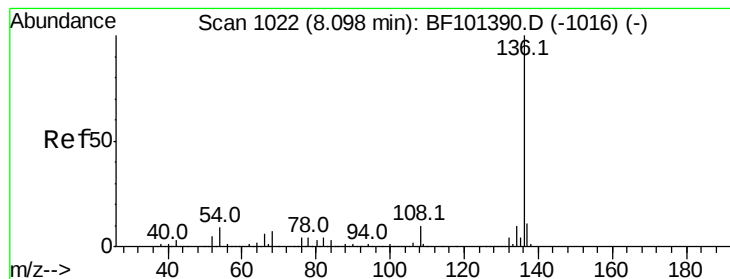
Delta R.T. 0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	127.9	26.7	66.7#
79	28.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 797834

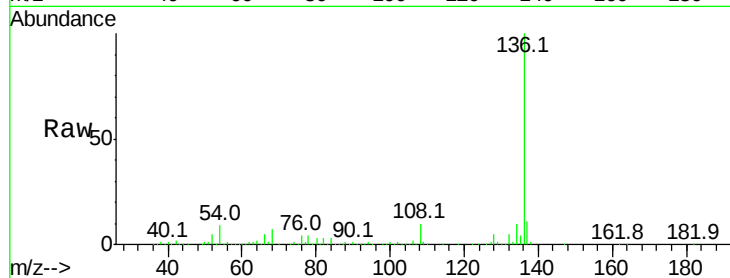
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.9 6.6 9.8

68 6.7 5.0 7.4

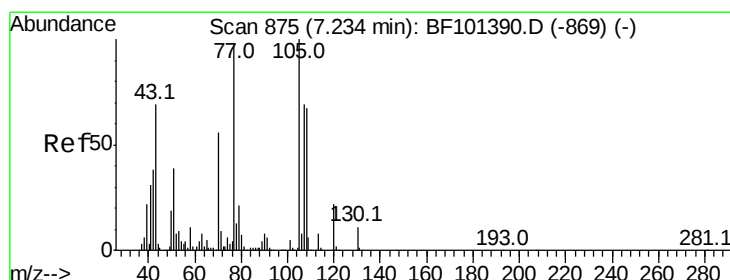
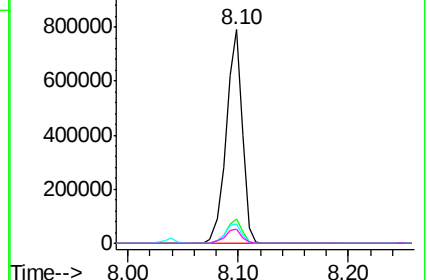
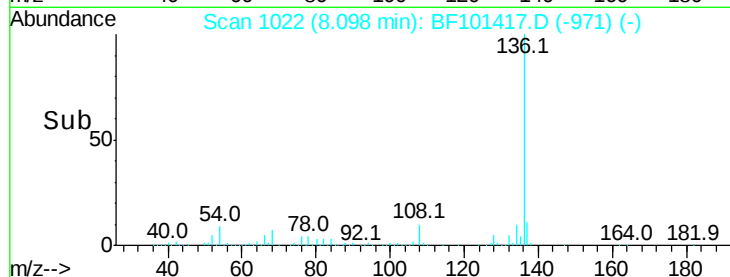


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 31.815 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:105 Resp: 579177

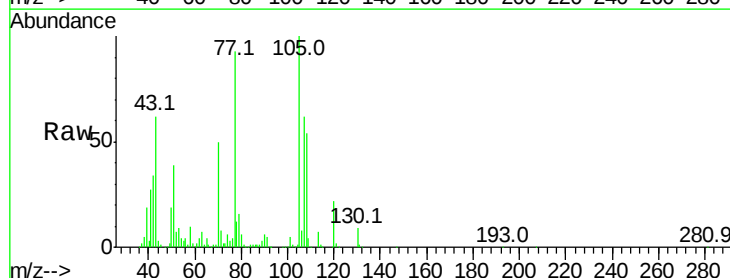
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 38.7 22.3 33.5#

120 21.8 16.9 25.3

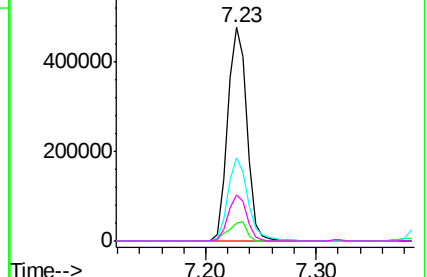
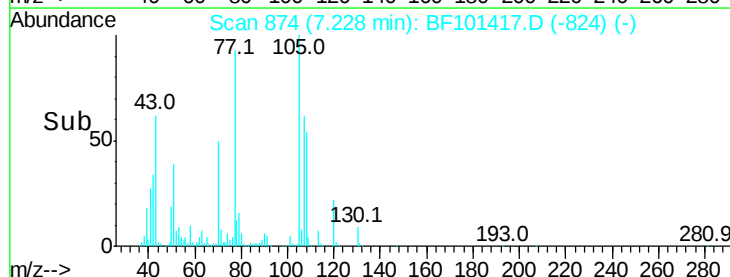


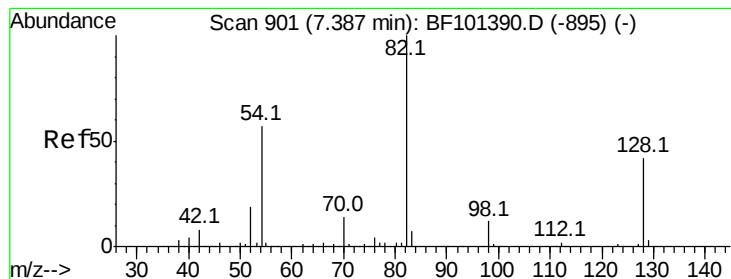
Abundance Ion 105.00 (104.70 to 105.70): E

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: 66.838 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampled :

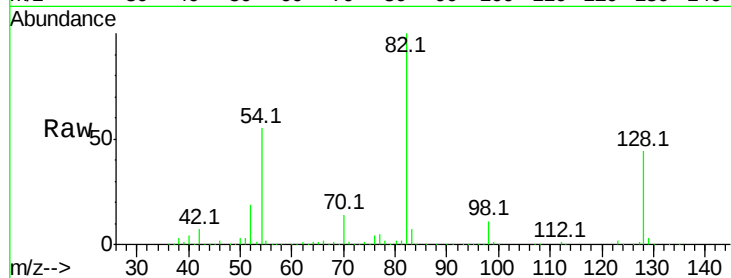
Tot Ion: 82 Resp: 957966

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

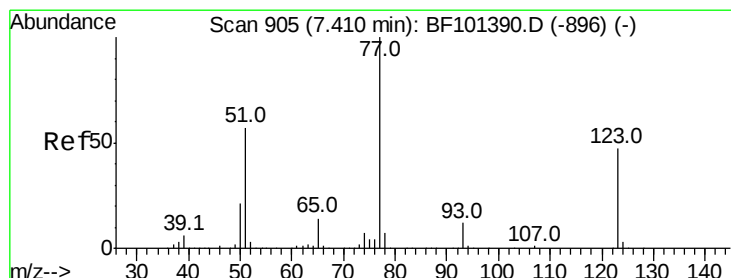
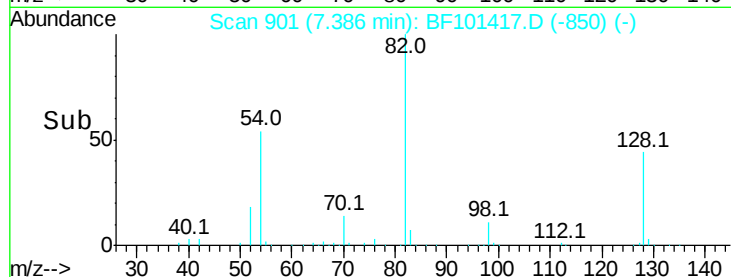
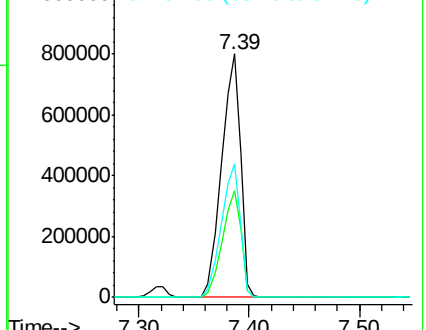
54 55.1 41.4 62.2



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: 32.432 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

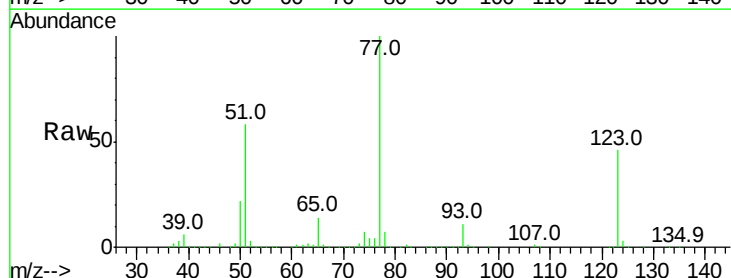
Tgt Ion: 77 Resp: 514449

Ion Ratio Lower Upper

77 100

123 45.6 37.9 56.9

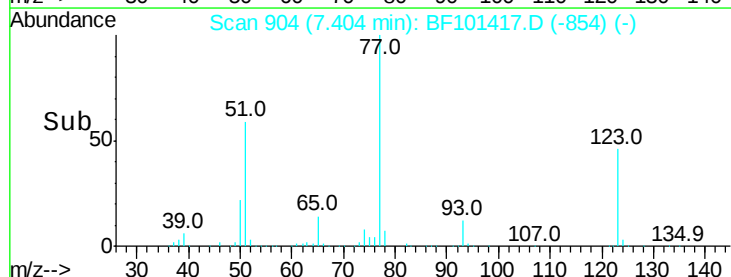
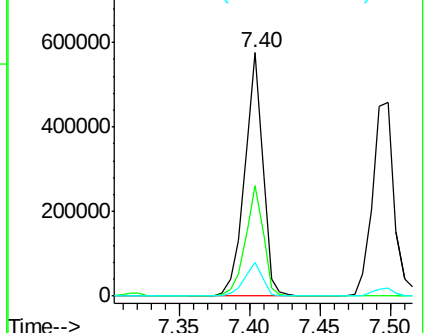
65 13.8 11.0 16.4

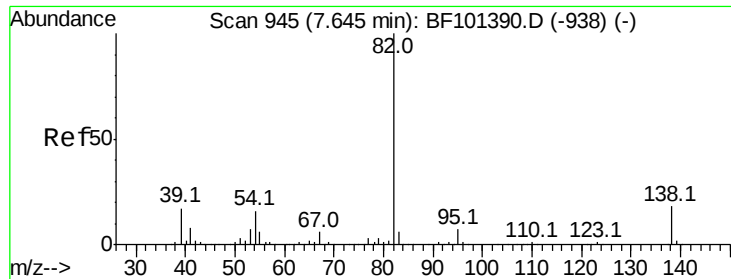


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 33.408 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

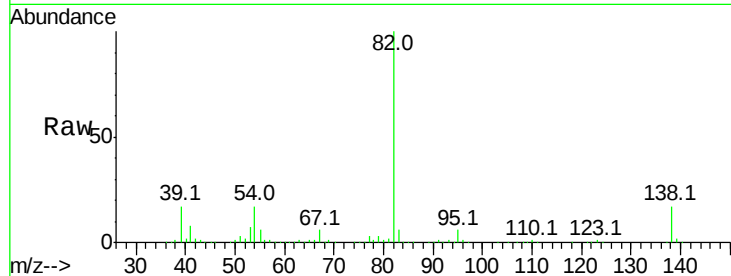
Tot Ion: 82 Resp: 960554

Ion Ratio Lower Upper

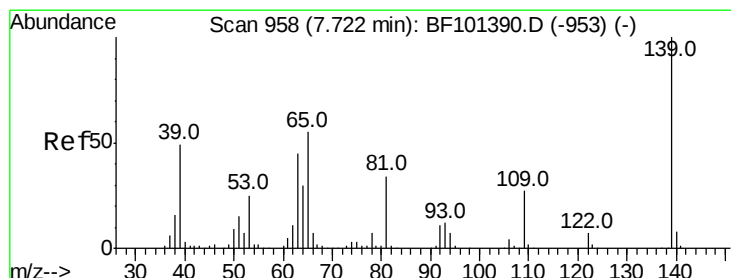
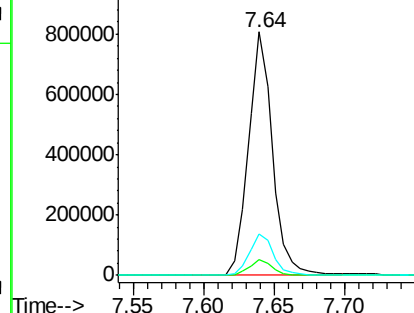
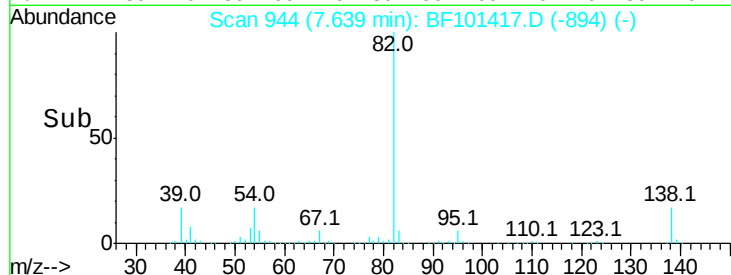
82 100

95 6.4 5.2 7.8

138 17.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.377 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

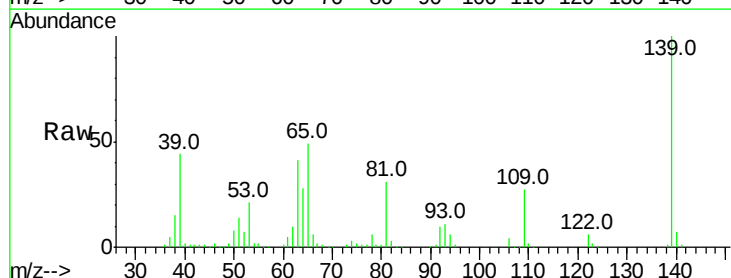
Tgt Ion: 139 Resp: 247902

Ion Ratio Lower Upper

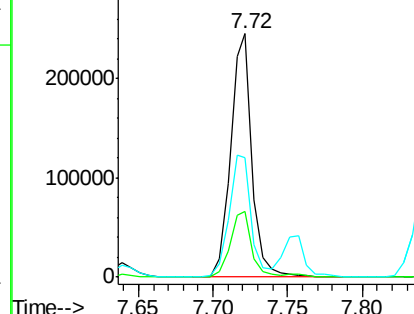
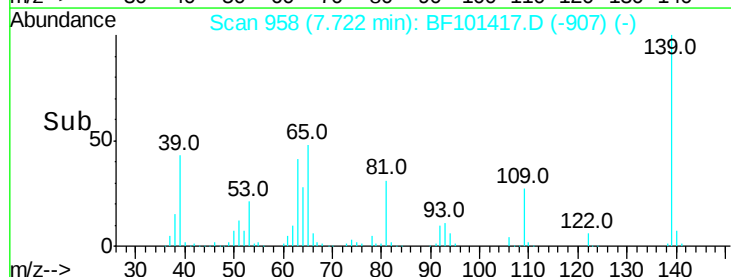
139 100

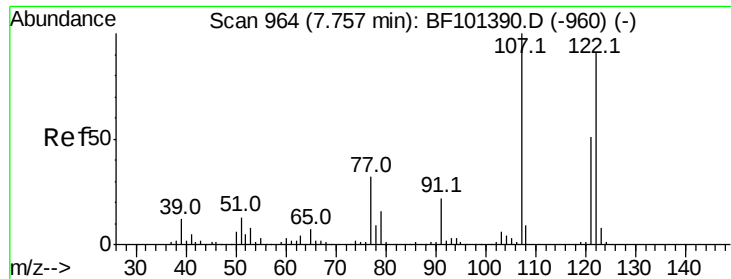
109 26.9 22.7 34.1

65 48.8 40.5 60.7



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

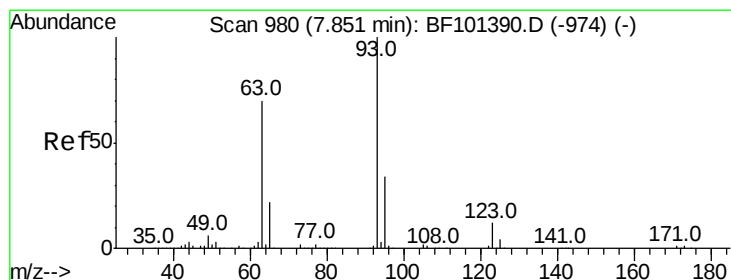
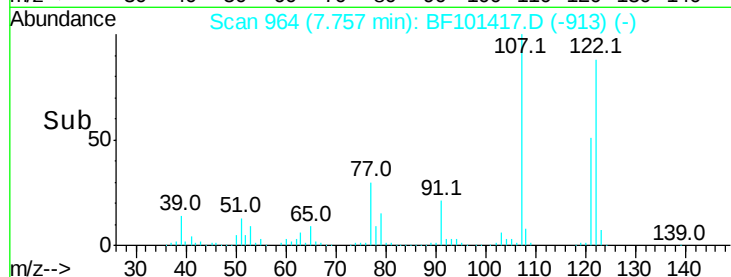
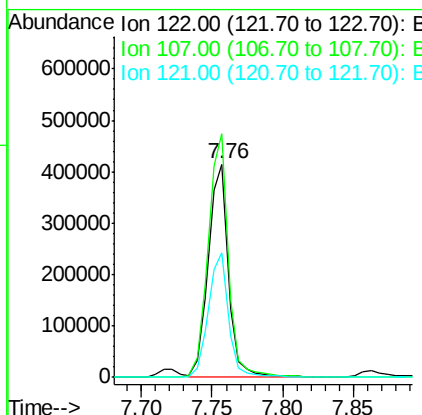
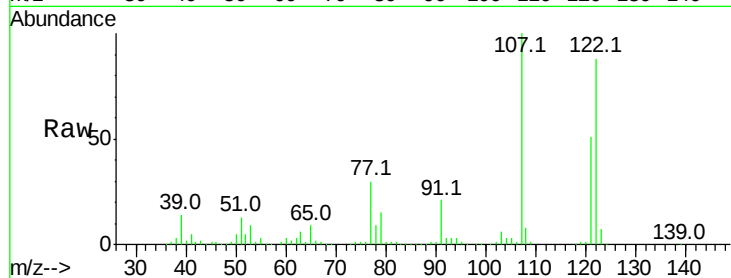




#27
2,4-Dimethylphenol
Concen: 35.831 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

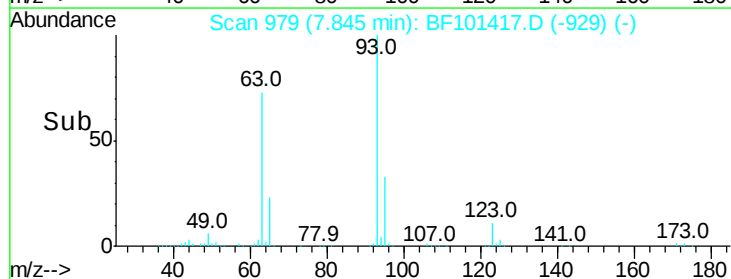
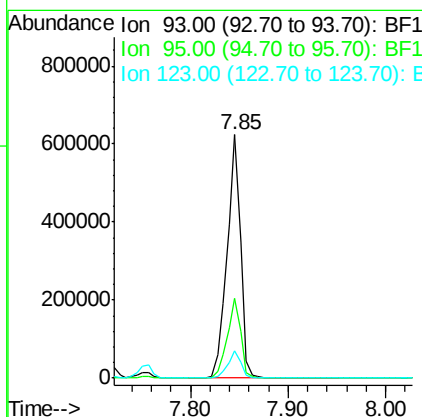
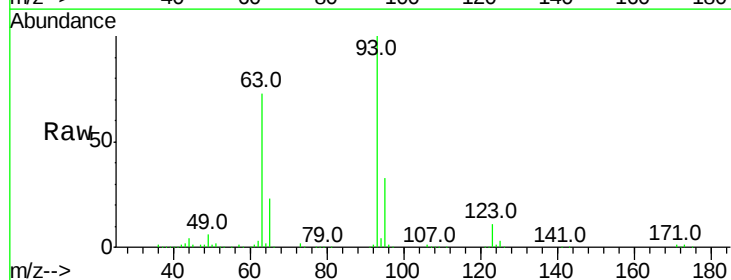
Instrument :
BNA_F
ClientSampleId :

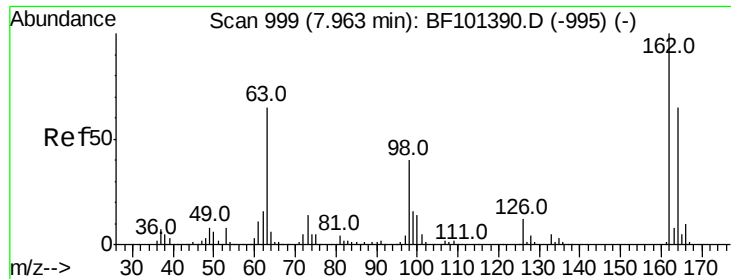
Tot Ion:122 Resp: 414836
Ion Ratio Lower Upper
122 100
107 114.1 91.2 136.8
121 58.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 32.673 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion: 93 Resp: 596738
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.1 9.8 14.6

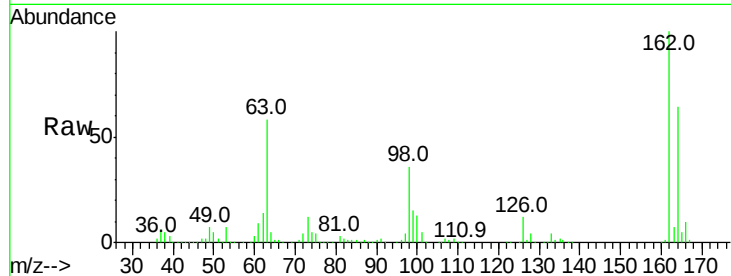




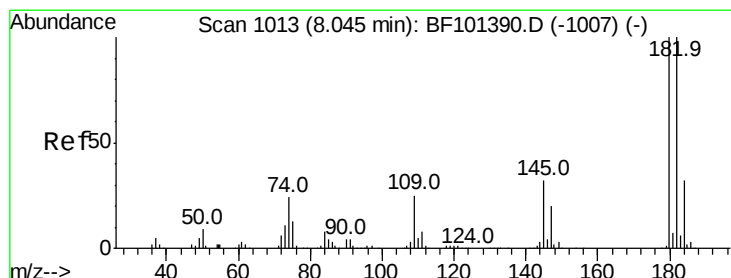
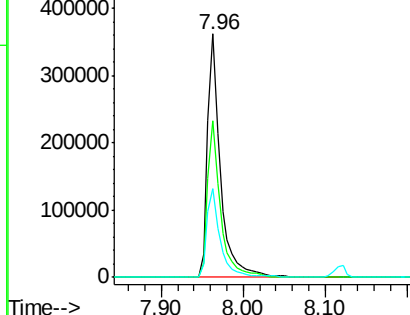
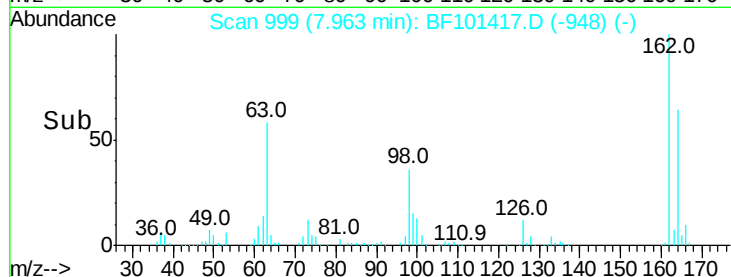
#29
 2,4-Dichlorophenol
 Concen: 34.824 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	36.4	18.1	58.1

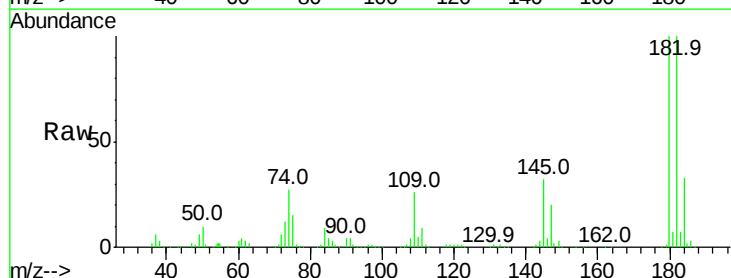


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

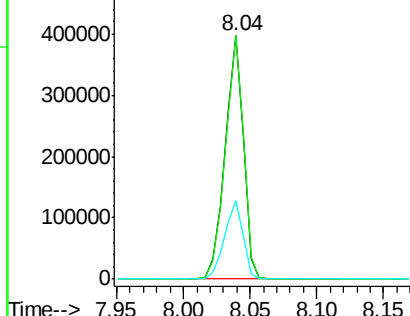
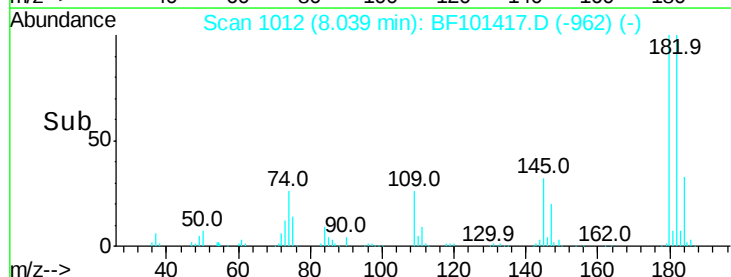


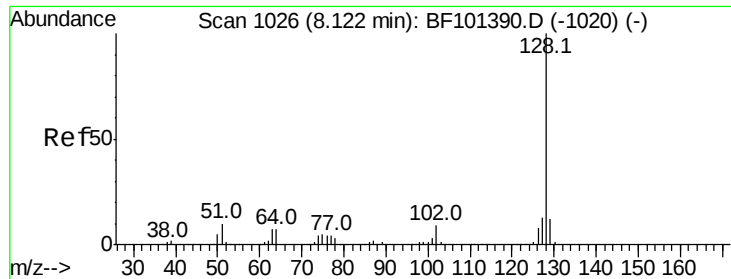
#30
 1,2,4-Trichlorobenzene
 Concen: 32.070 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	76.8	115.2
145	32.5	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

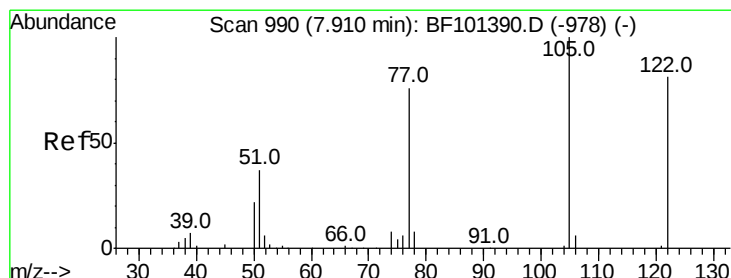
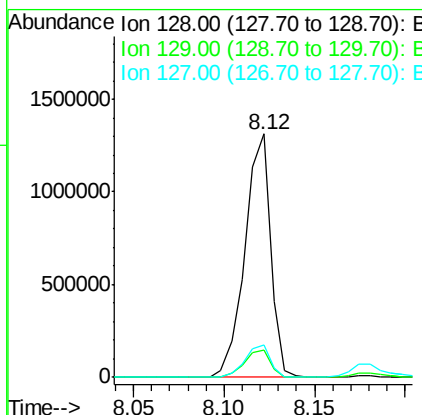
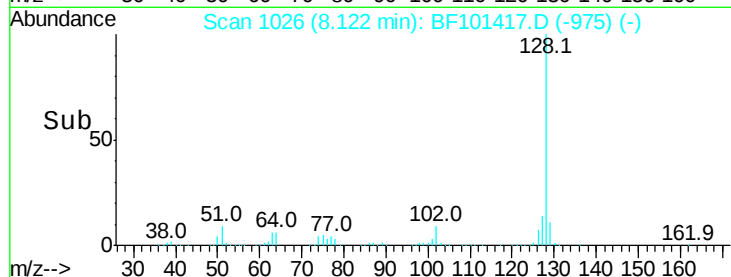
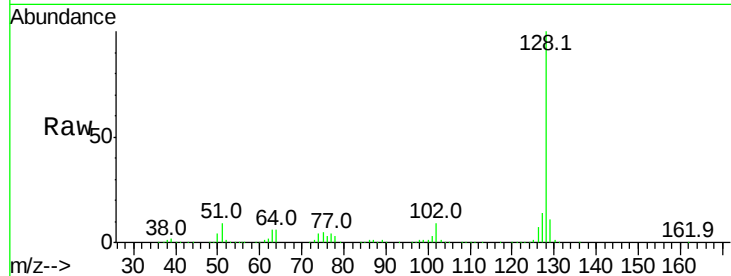




#31
Naphthalene
Concen: 32.380 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

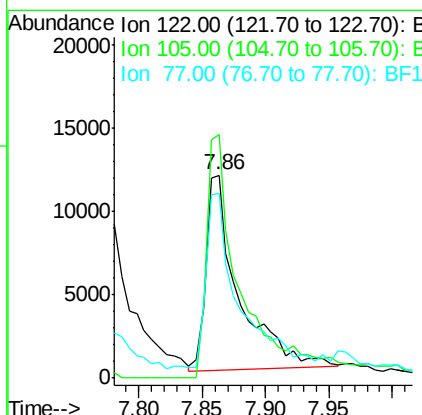
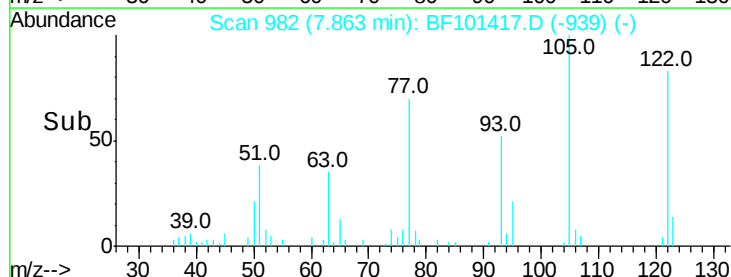
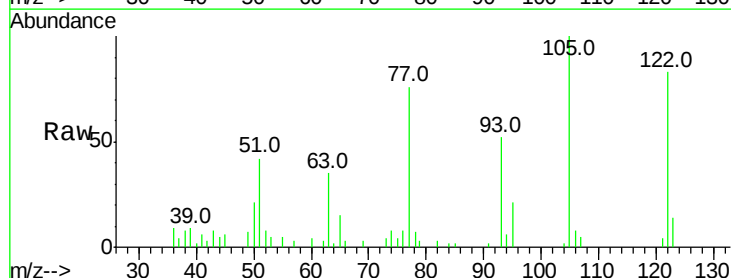
Instrument :
BNA_F
ClientSampleId :

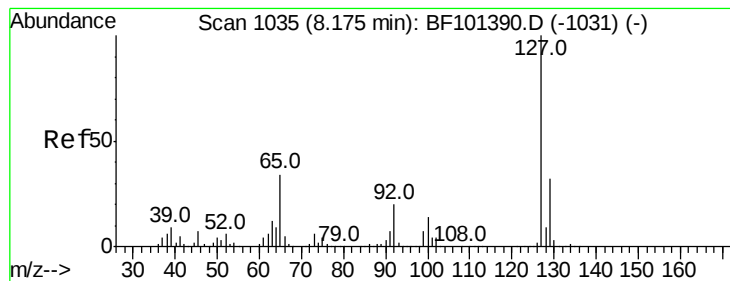
Tot Ion:128 Resp: 1300584
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 10.209 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:122 Resp: 21025
Ion Ratio Lower Upper
122 100
105 119.9 101.1 141.1
77 91.0 70.7 110.7





#33

4-Chloroaniline

Concen: 5.822 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 101644

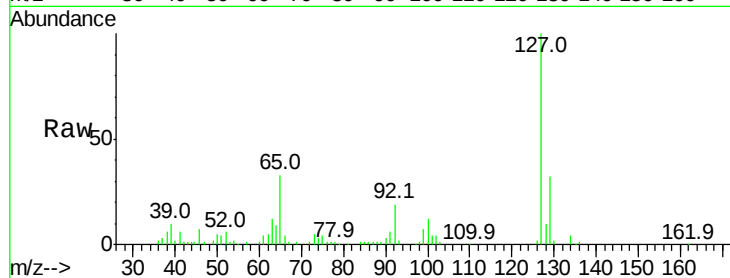
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 33.1 25.0 37.4

92 19.2 15.2 22.8

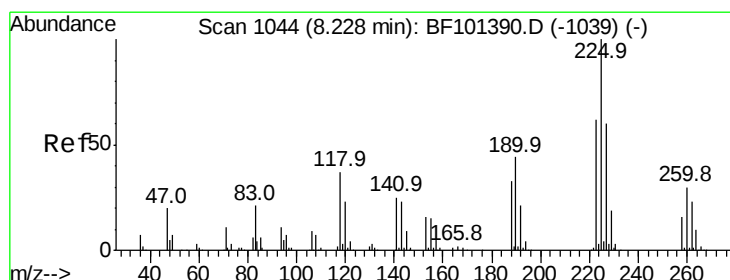
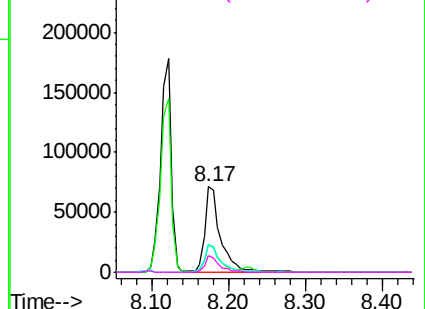
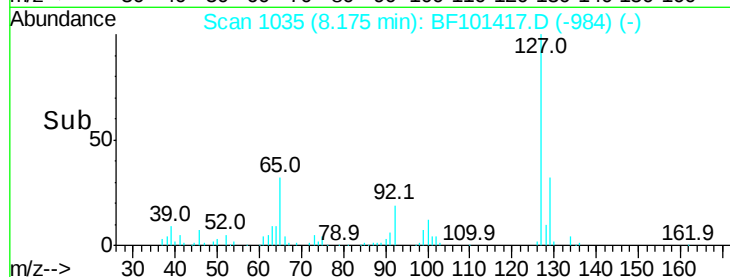


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.971 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

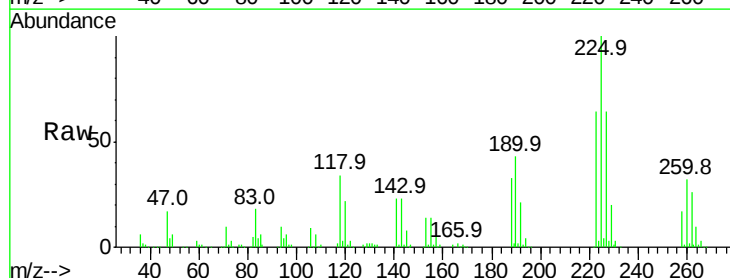
Tgt Ion:225 Resp: 216219

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

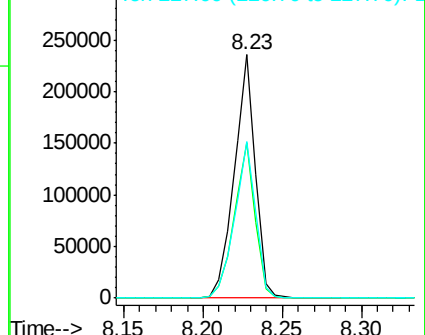
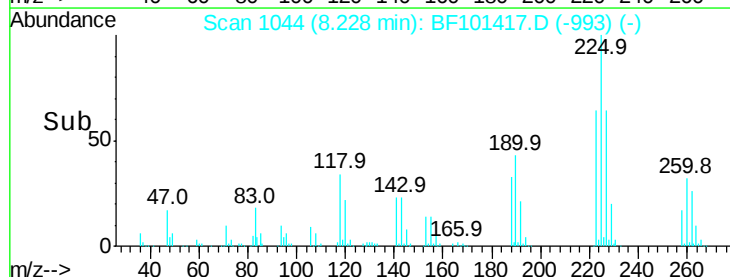
227 64.5 51.9 77.9

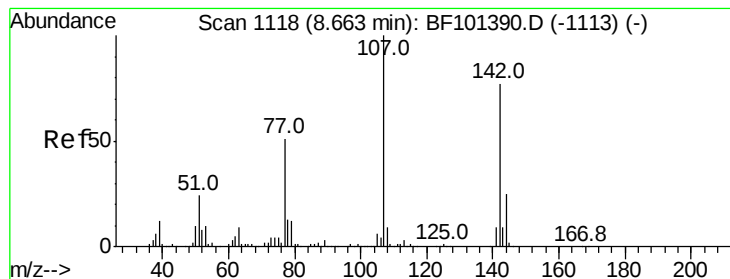


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#36

4-Chloro-3-methylphenol

Concen: 33.125 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

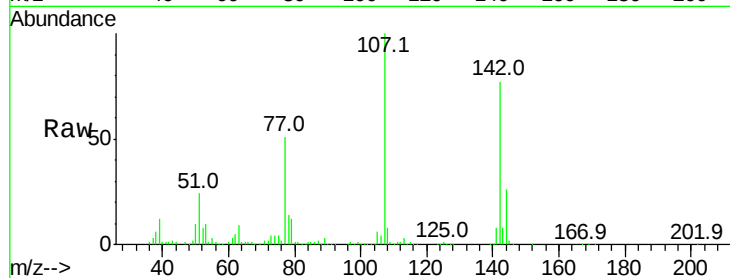
Tot Ion:107 Resp: 416437

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

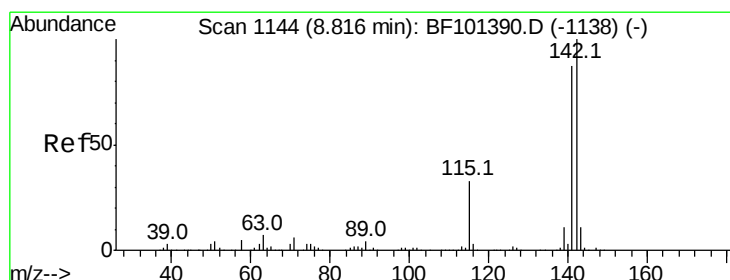
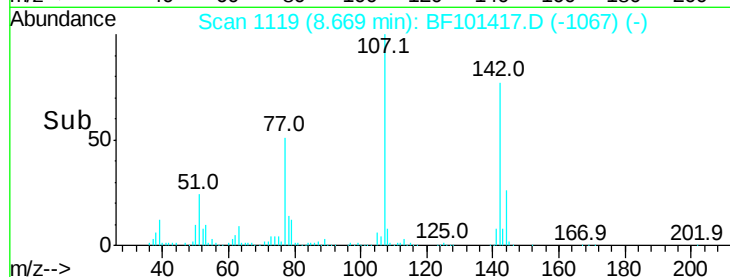
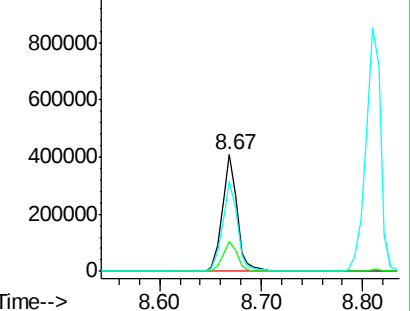
142 77.2 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 32.664 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

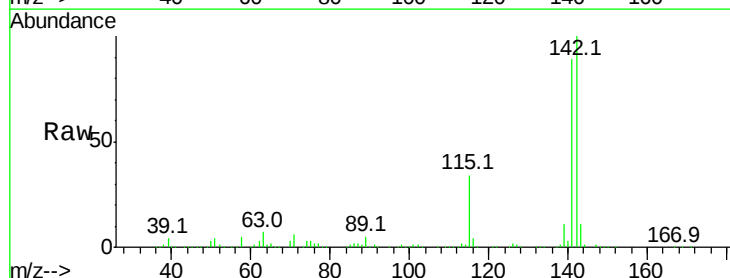
Tgt Ion:142 Resp: 854785

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

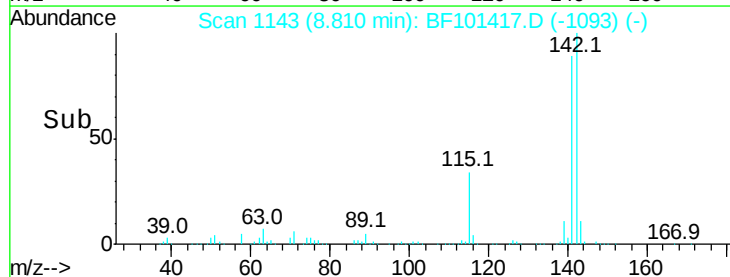
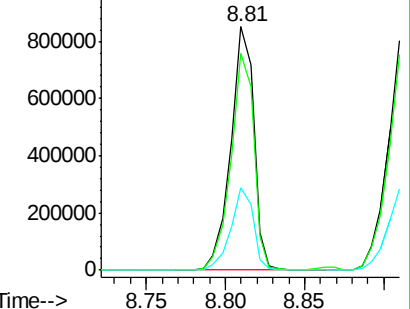
115 34.0 26.1 39.1

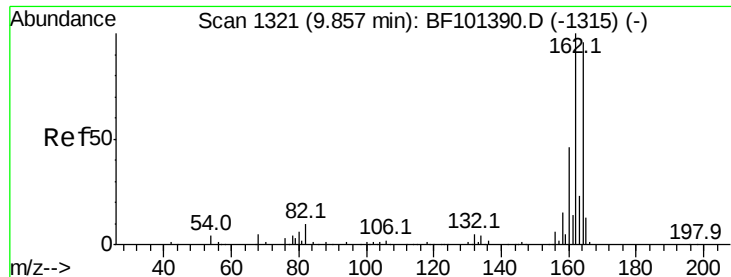


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

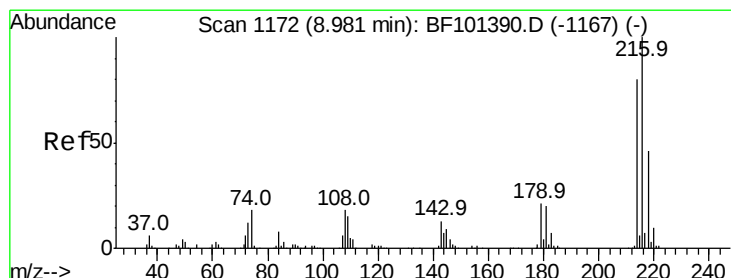
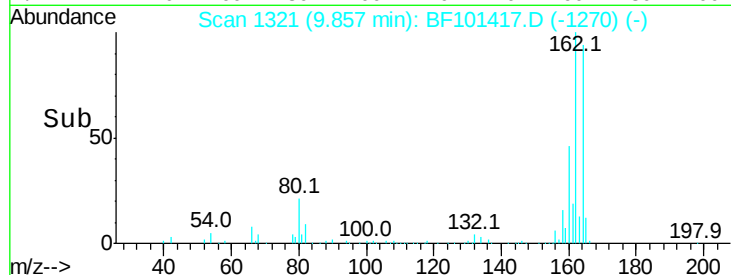
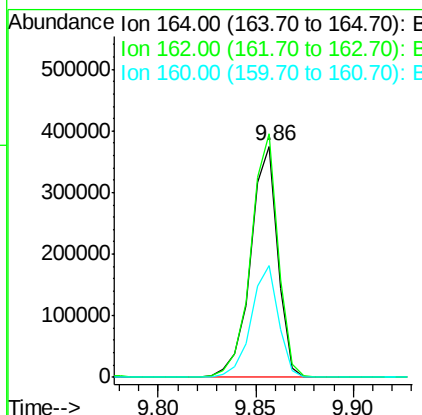
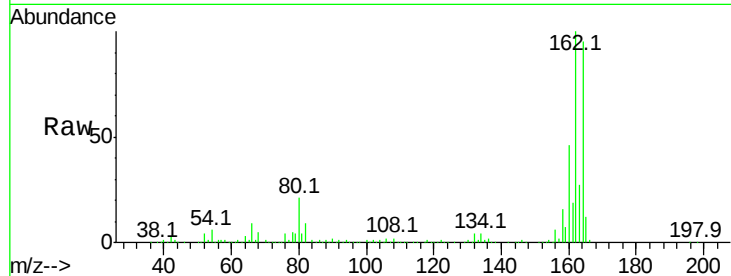




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

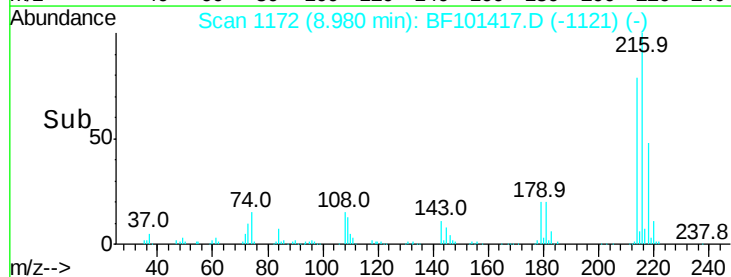
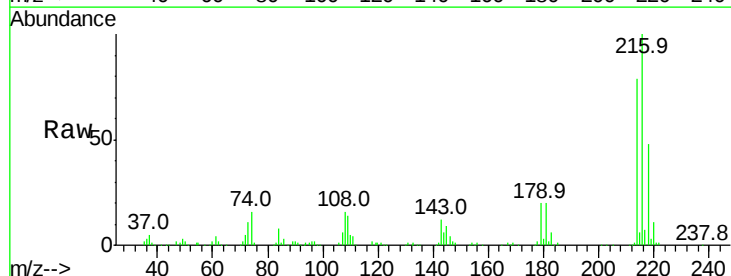
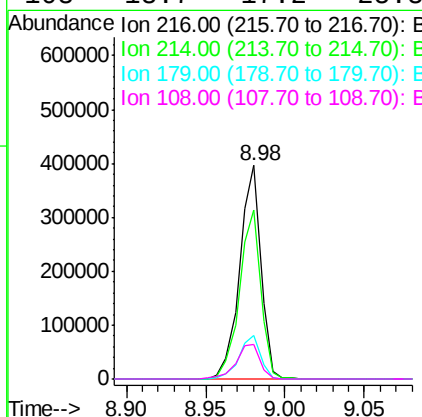
Instrument :
 BNA_F
 ClientSampleId :

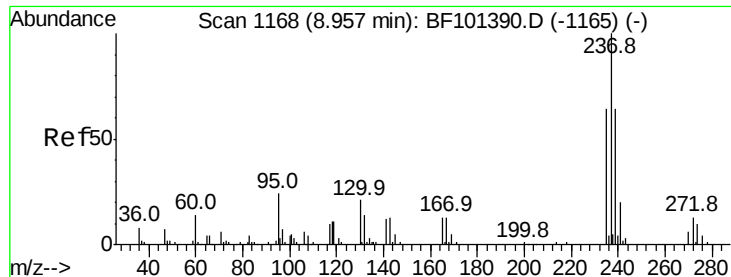
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	48.5	38.3	57.5



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.446 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.6	18.1	27.1
108	18.7	17.2	25.8

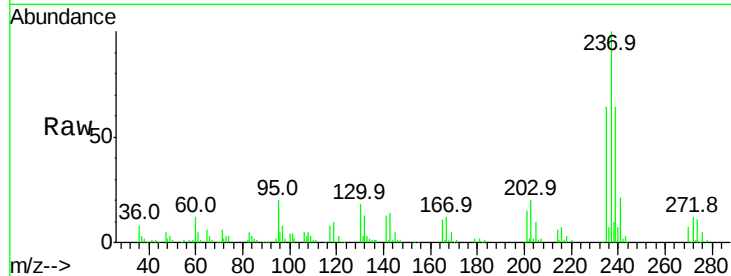




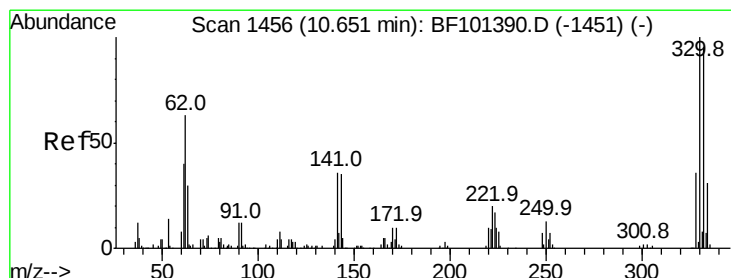
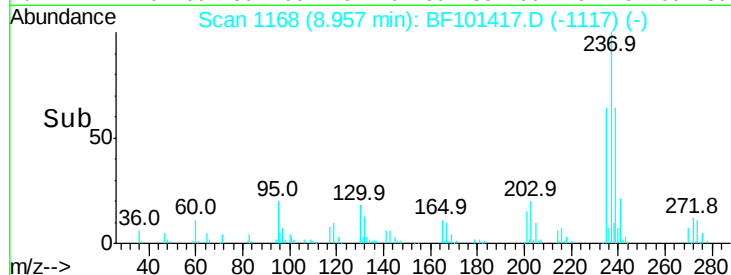
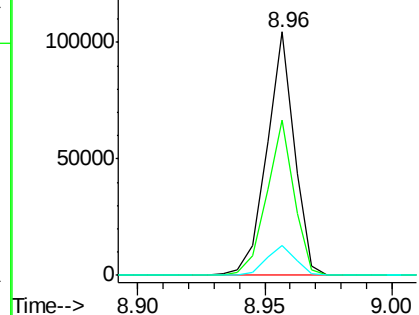
#40
Hexachlorocyclopentadiene
Concen: 44.548 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 79594
Ion Ratio Lower Upper
237 100
235 64.0 44.8 84.8
272 12.1 0.0 33.3

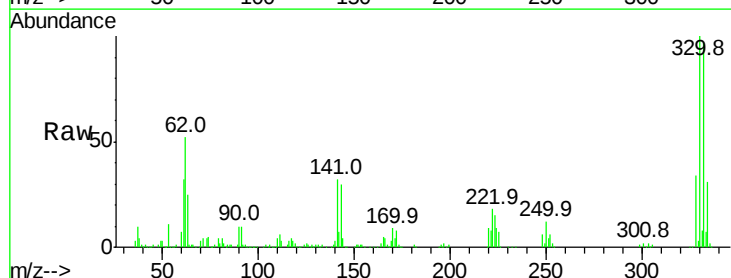


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

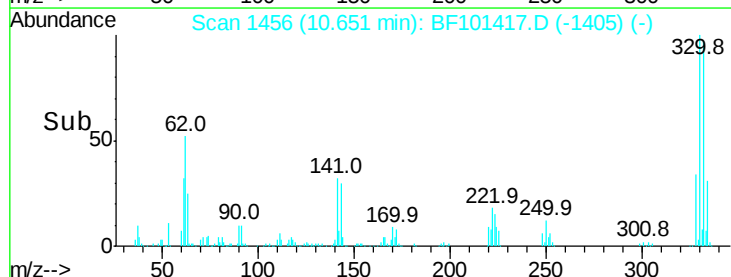
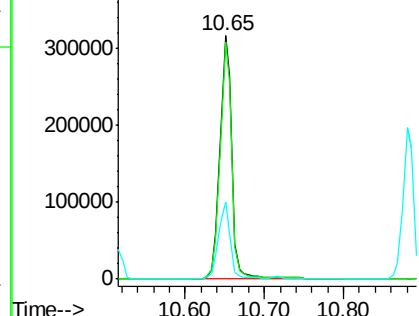


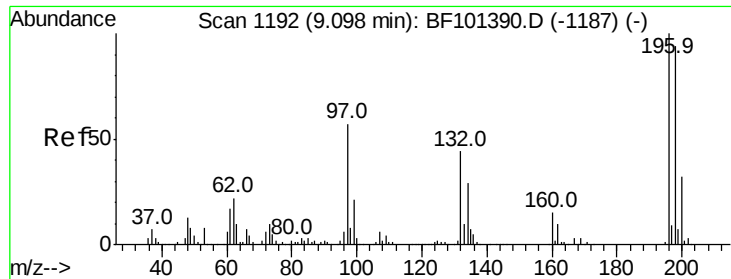
#41
2,4,6-Tribromophenol
Concen: 96.350 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:330 Resp: 333906
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 31.4 29.9 44.9



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

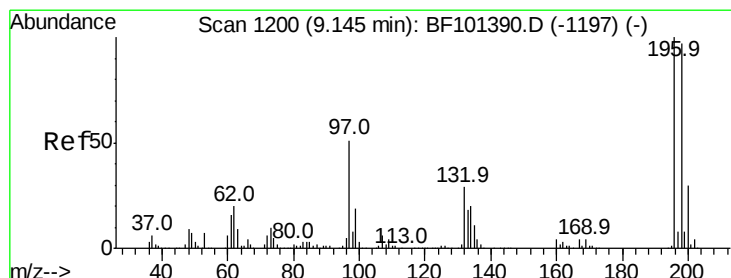
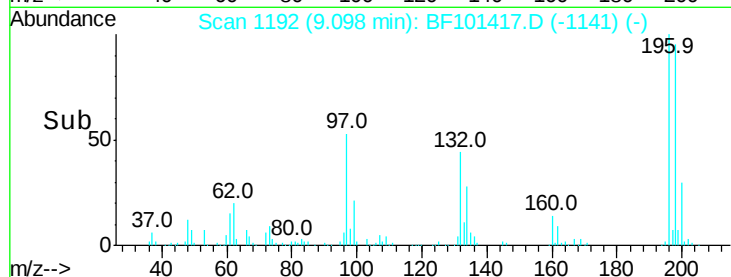
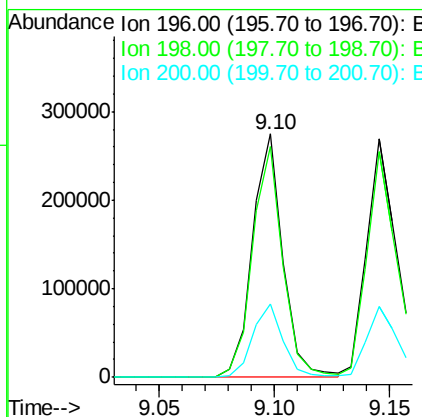
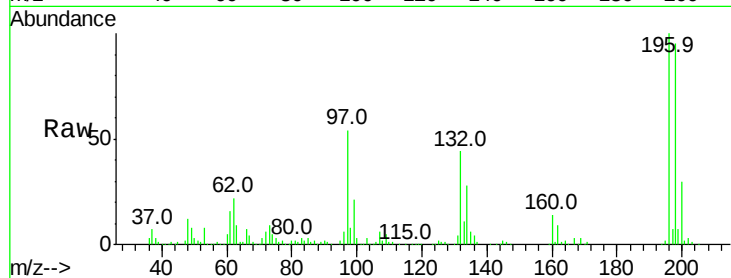




#42
 2,4,6-Trichlorophenol
 Concen: 34.544 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

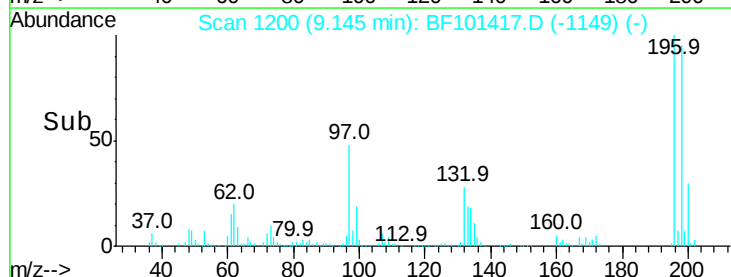
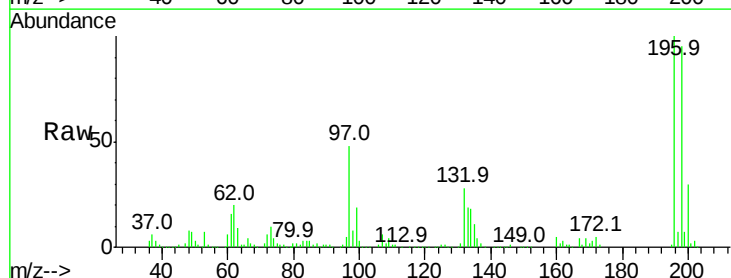
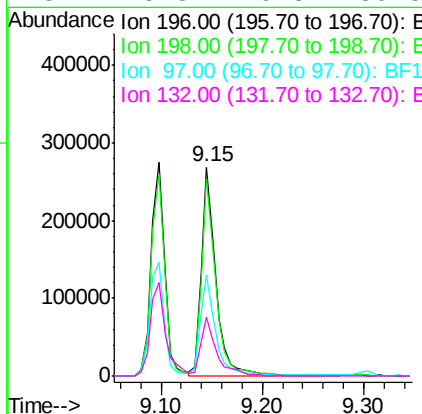
Instrument :
 BNA_F
 ClientSampleId :

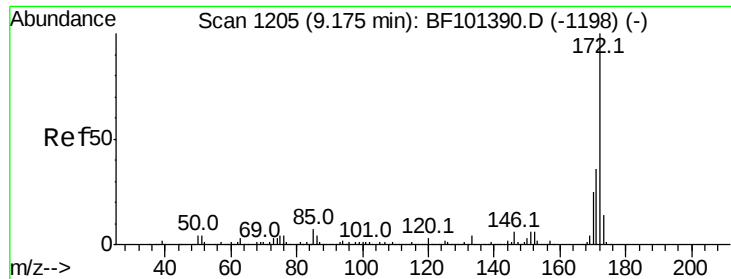
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
200	30.4	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 33.353 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	48.4	42.9	64.3
132	28.3	26.3	39.5

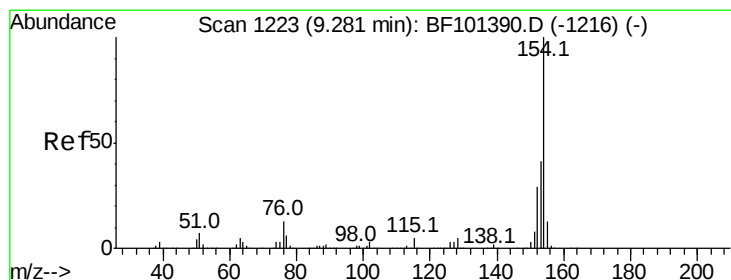
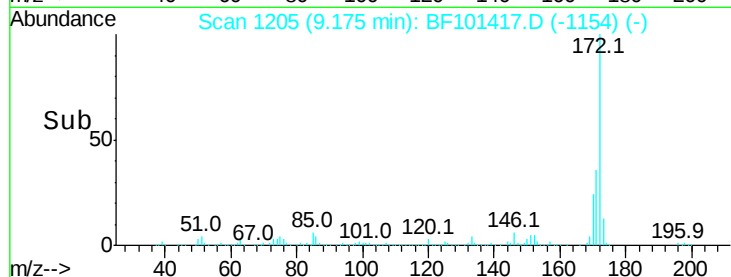
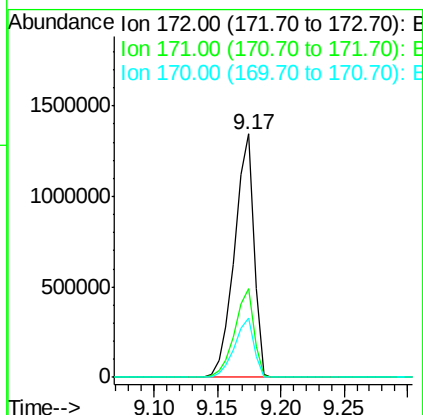
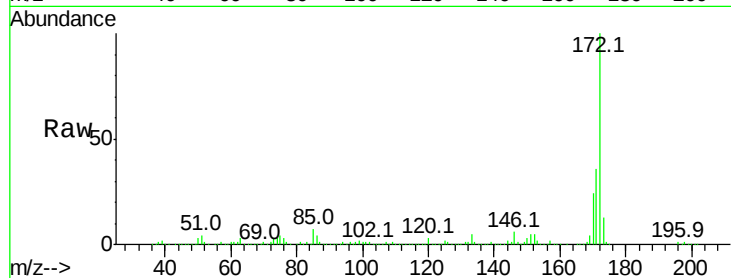




#44
2-Fluorobiphenyl
Concen: 60.826 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

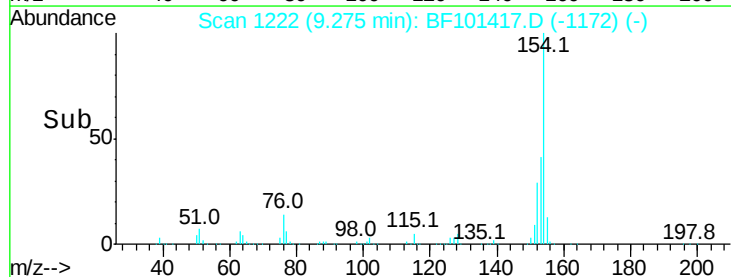
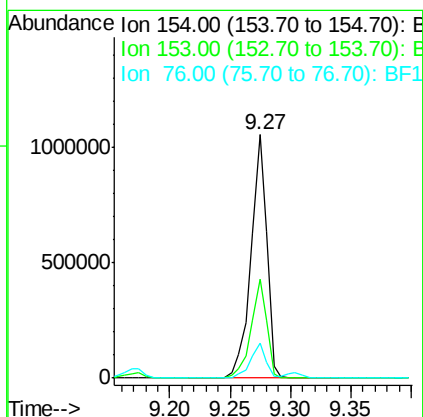
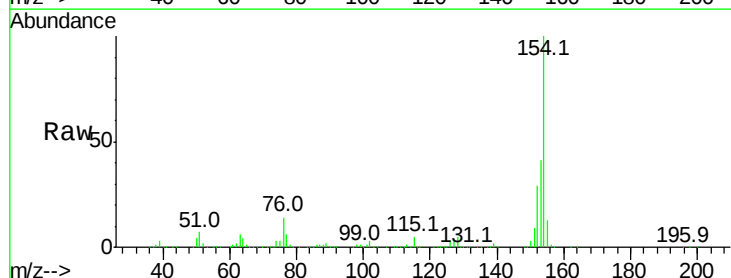
Instrument :
BNA_F
ClientSampleId :

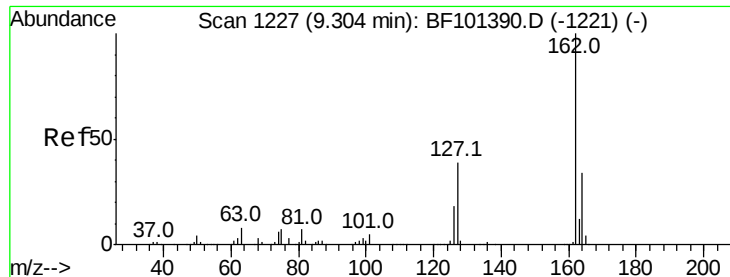
Tot Ion:172 Resp: 1410243
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4



#45
1,1'-Biphenyl
Concen: 30.523 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:154 Resp: 973562
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 14.2 0.0 34.0

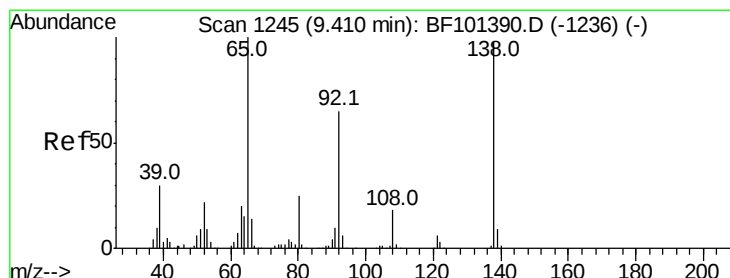
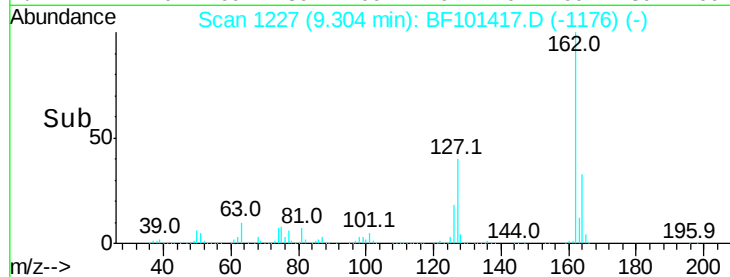
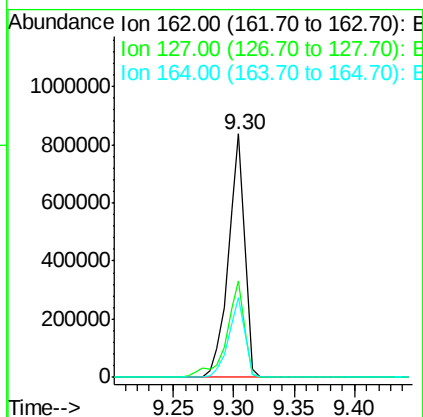
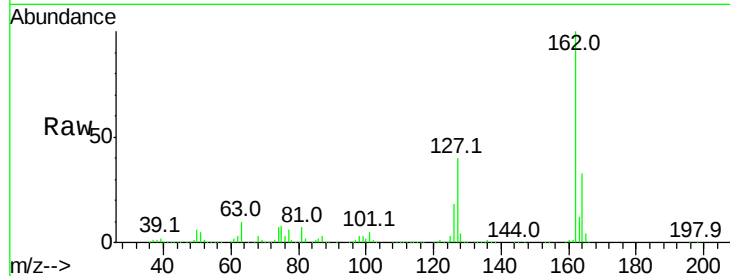




#46
 2-Chloronaphthalene
 Concen: 31.921 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

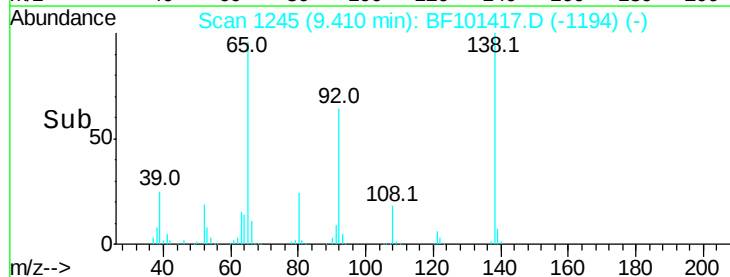
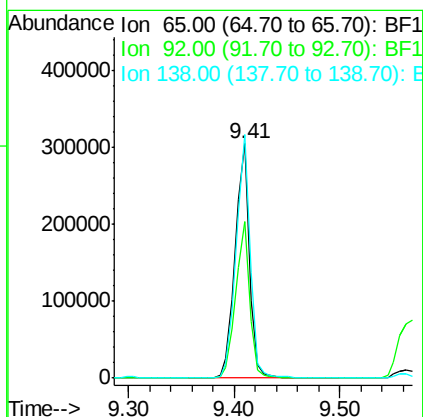
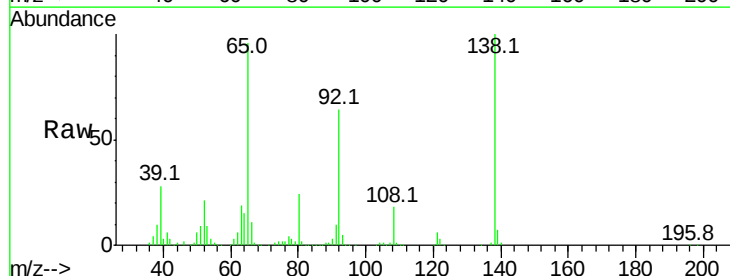
Instrument :
 BNA_F
 ClientSampled :

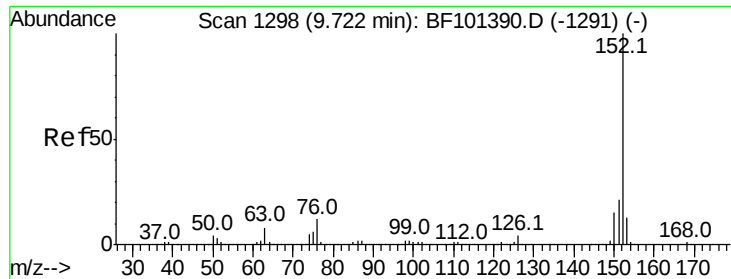
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.9	50.9
164	32.7	26.5	39.7



#47
 2-Nitroaniline
 Concen: 33.533 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	55.8	83.6
138	103.8	91.2	136.8





#48

Acenaphthylene

Concen: 30.175 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

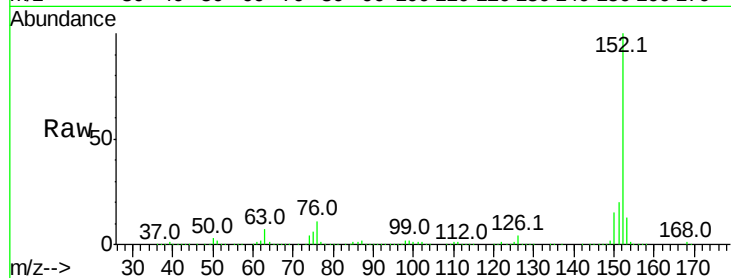
Instrument :

BNA_F

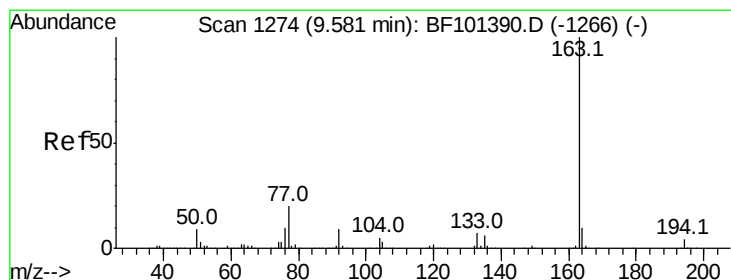
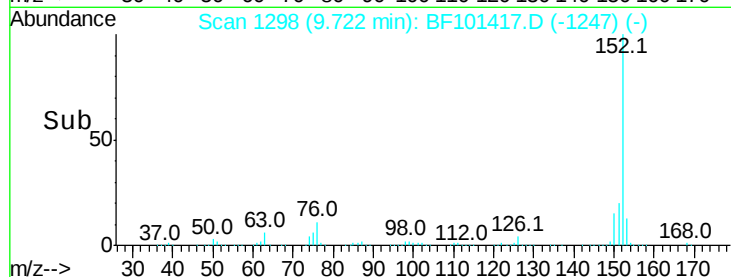
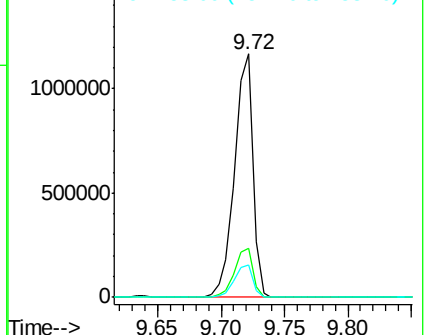
ClientSampleId :

Tot Ion:152 Resp: 1163178

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.7	16.1



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



#49

Dimethylphthalate

Concen: 34.220 ng

RT: 9.57 min Scan# 1273

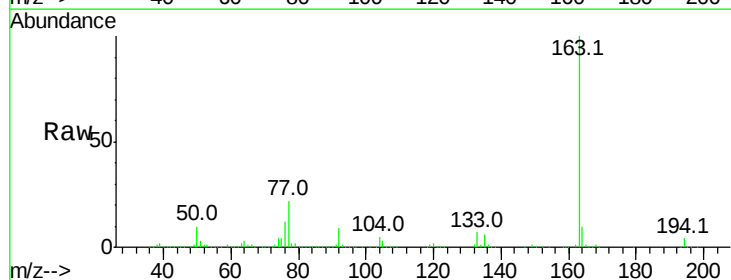
Delta R.T. -0.01 min

Lab File: BF101417.D

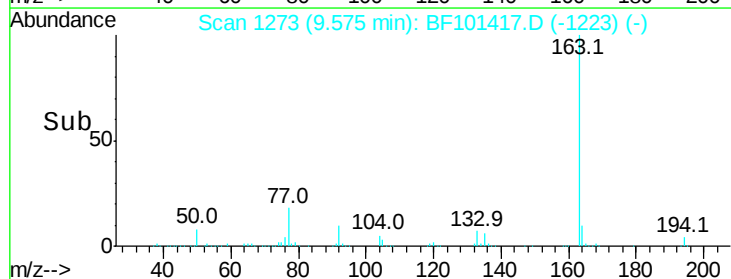
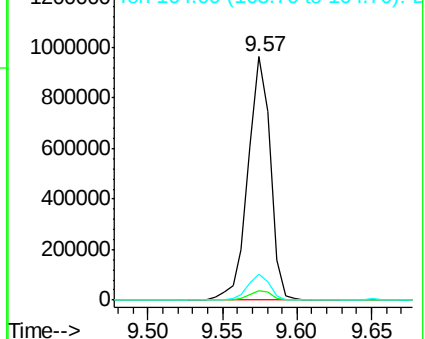
Acq: 15 Dec 2017 2:04

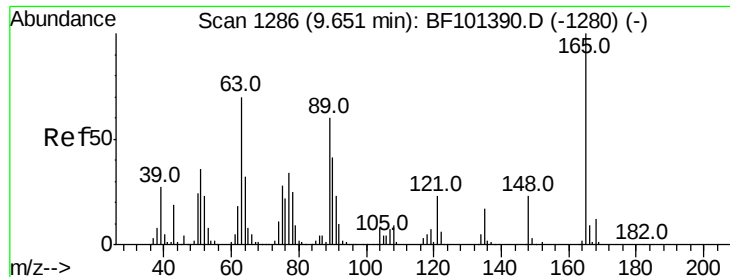
Tgt Ion:163 Resp: 989956

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2



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

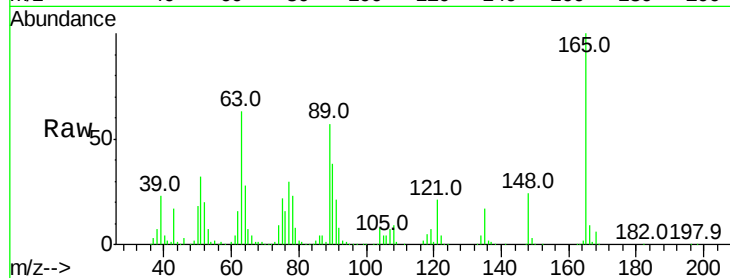




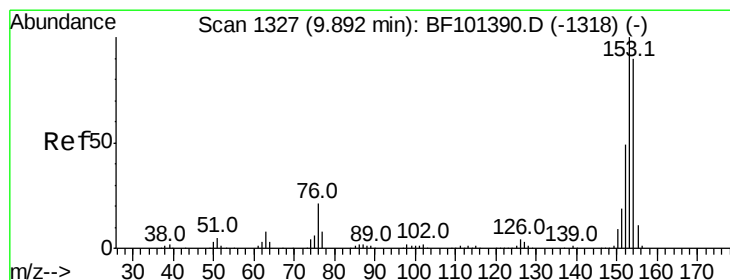
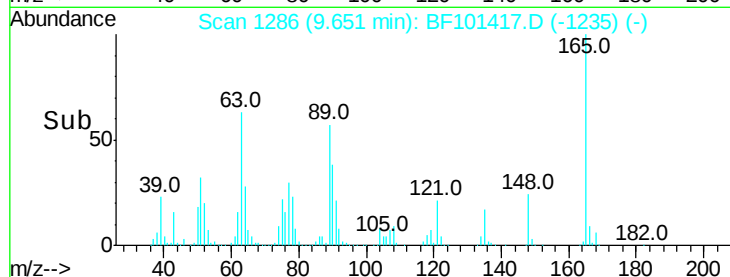
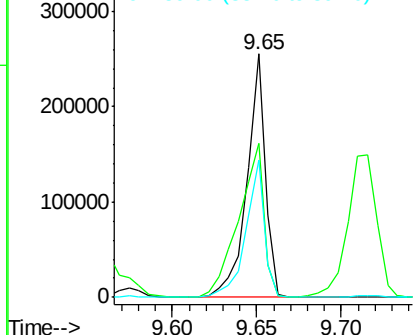
#50
2,6-Dinitrotoluene
Concen: 33.505 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 197002
Ion Ratio Lower Upper
165 100
63 63.0 44.7 67.1
89 56.5 44.0 66.0

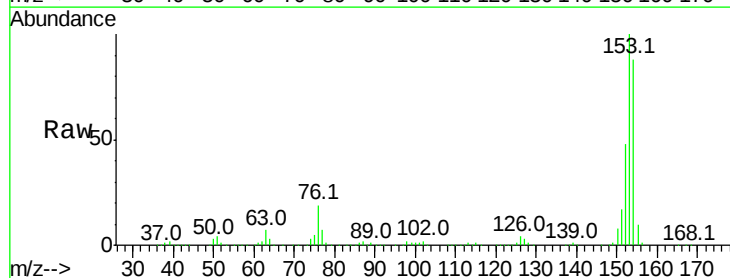


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

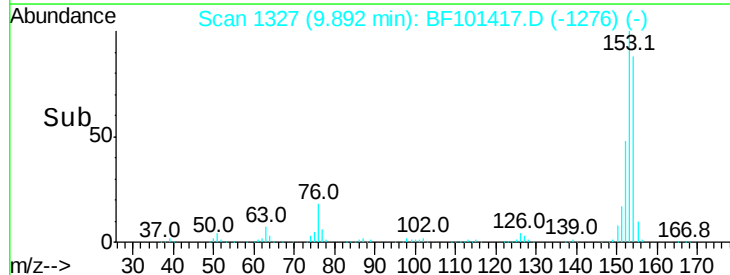
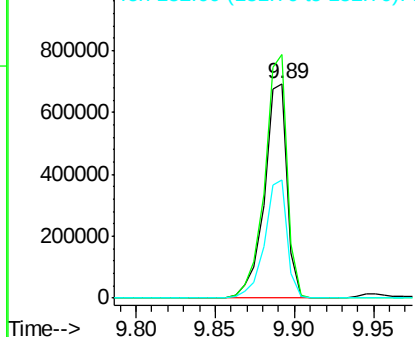


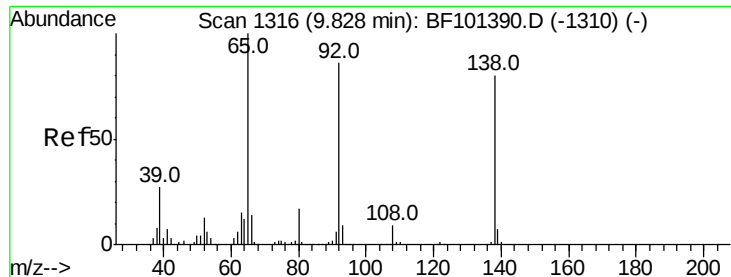
#51
Acenaphthene
Concen: 30.218 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:154 Resp: 699824
Ion Ratio Lower Upper
154 100
153 113.3 91.2 136.8
152 54.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

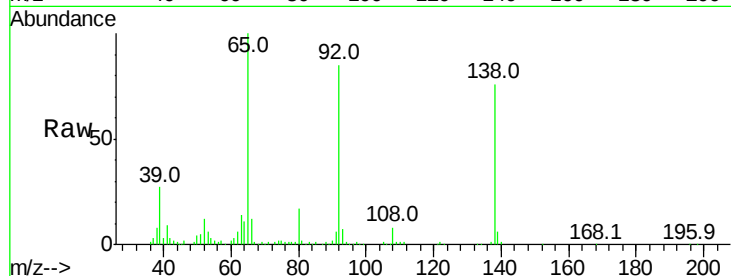




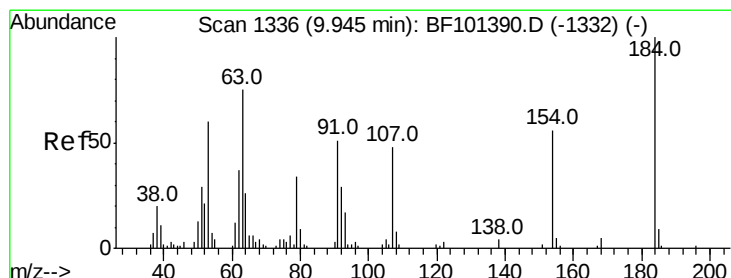
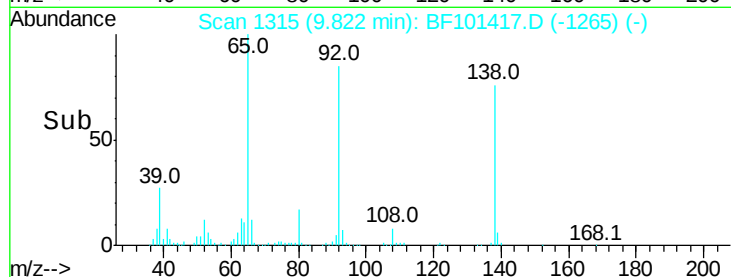
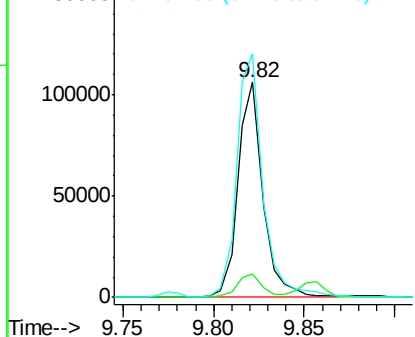
#52
3-Nitroaniline
Concen: 13.879 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 101744
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 113.2 89.4 134.2

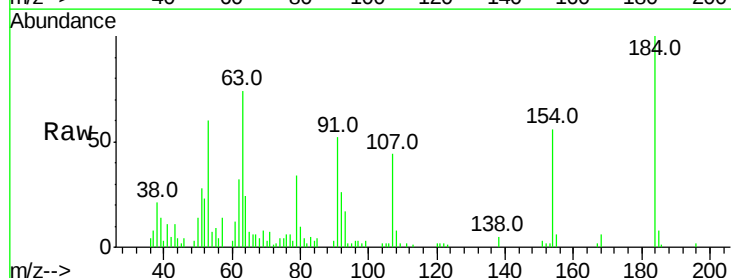


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

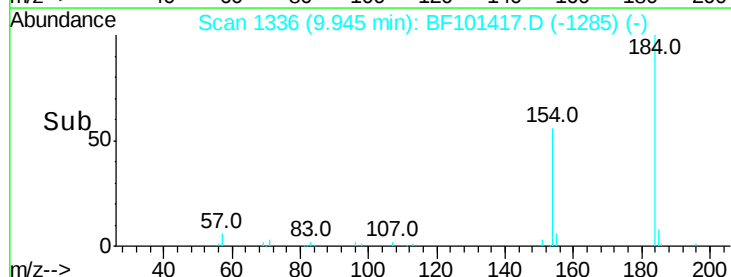
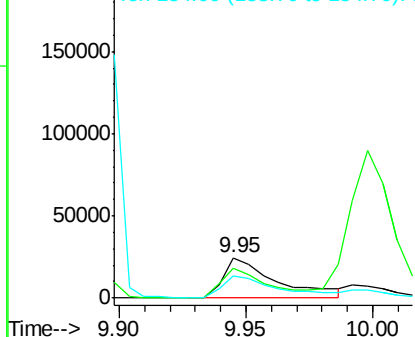


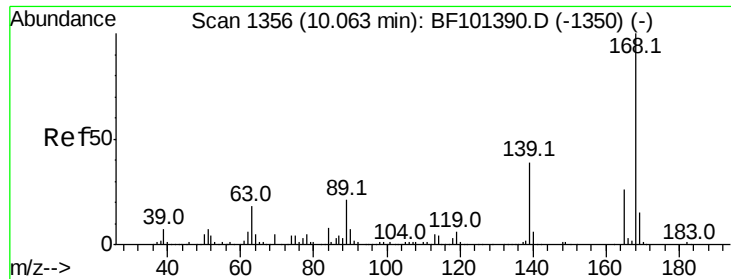
#53
2,4-Dinitrophenol
Concen: 25.318 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:184 Resp: 35262
Ion Ratio Lower Upper
184 100
63 74.1 54.2 81.2
154 56.1 184.0 276.0#



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





#54

Dibenzofuran

Concen: 32.478 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

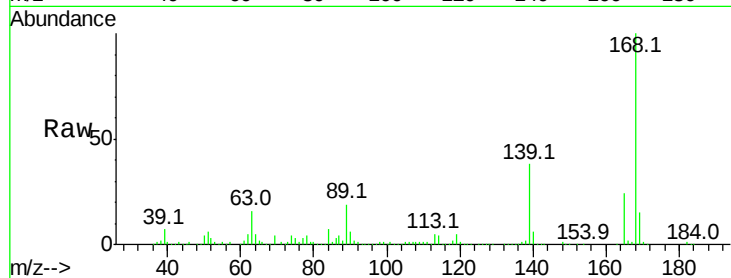
Tot Ion:168 Resp: 955893

Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

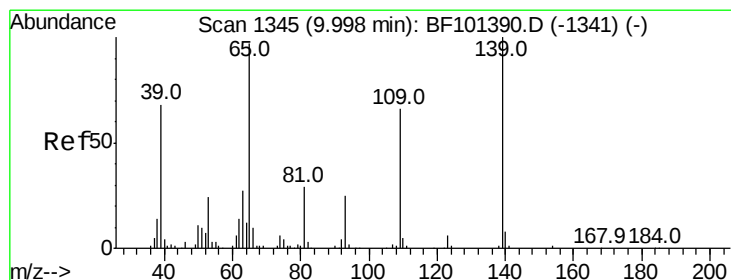
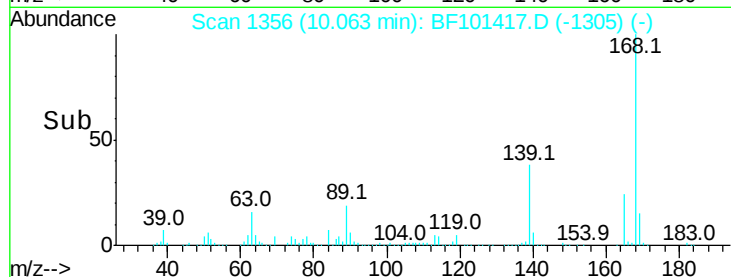
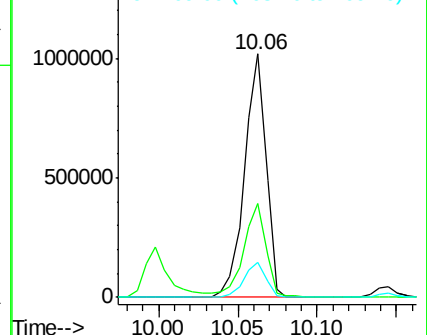
169 14.5 10.9 16.3



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: 70.964 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

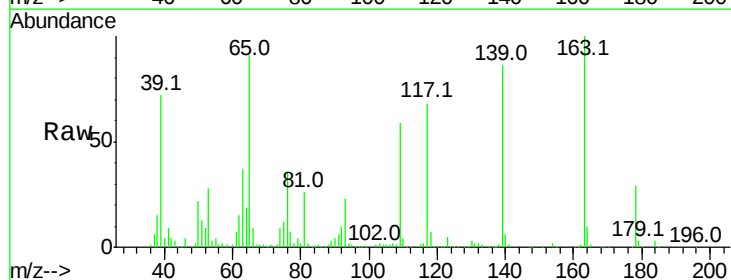
Tgt Ion:139 Resp: 226832

Ion Ratio Lower Upper

139 100

109 67.7 48.4 88.4

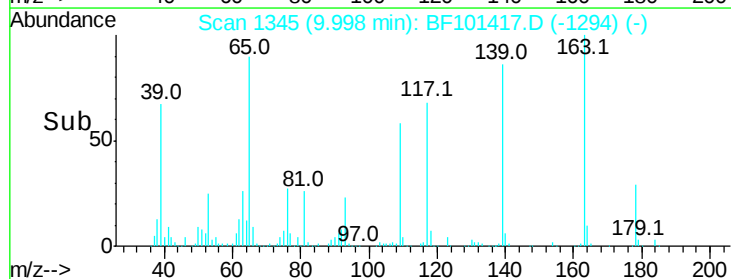
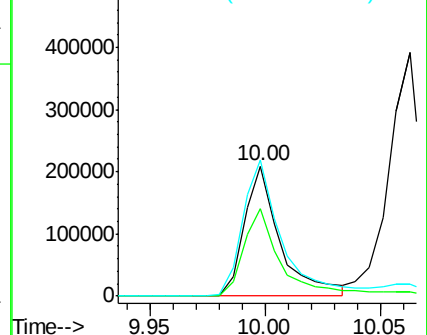
65 104.9 72.6 112.6

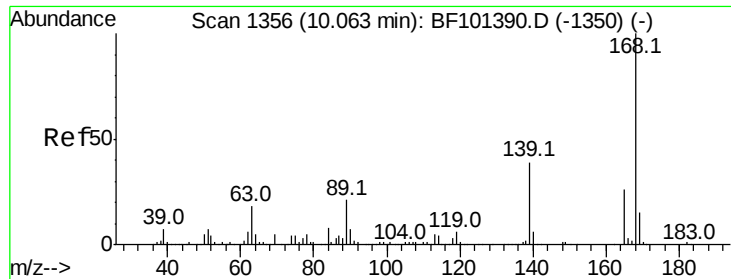


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

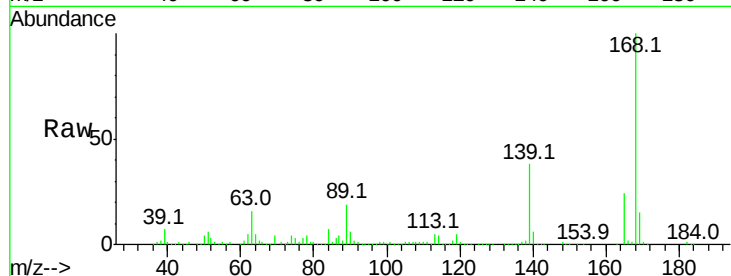




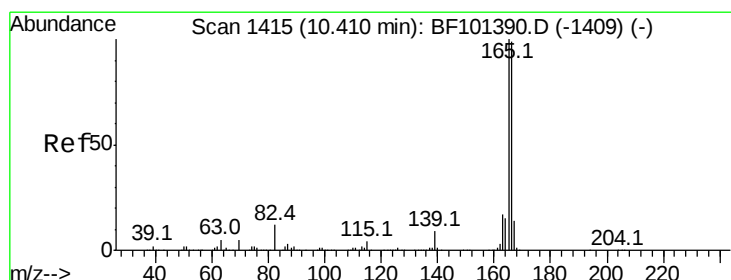
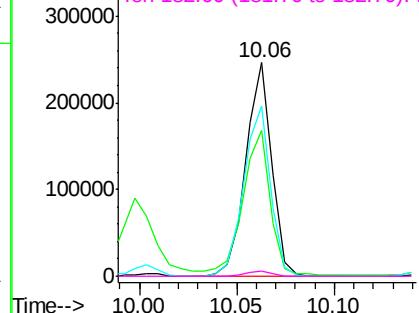
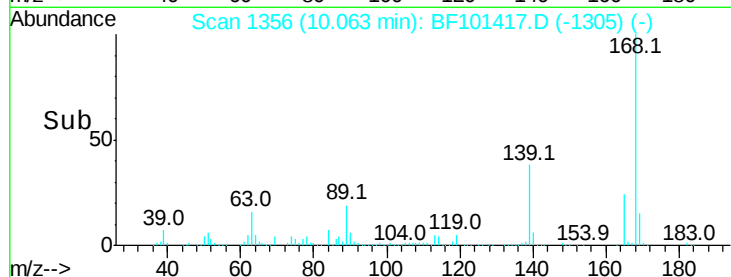
#56
2,4-Dinitrotoluene
Concen: 33.933 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 224791
Ion Ratio Lower Upper
165 100
63 68.2 36.4 54.6#
89 79.5 57.8 86.6
182 2.6 1.6 2.4#

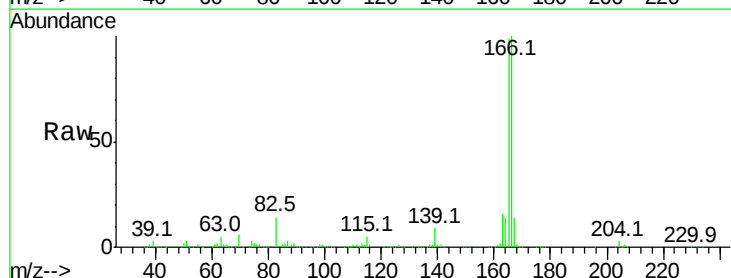


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

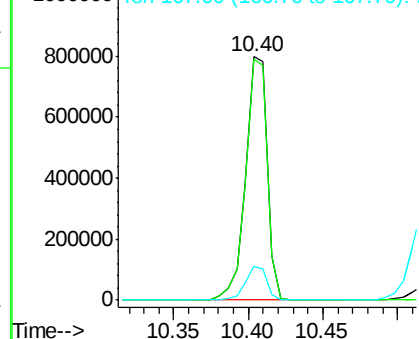
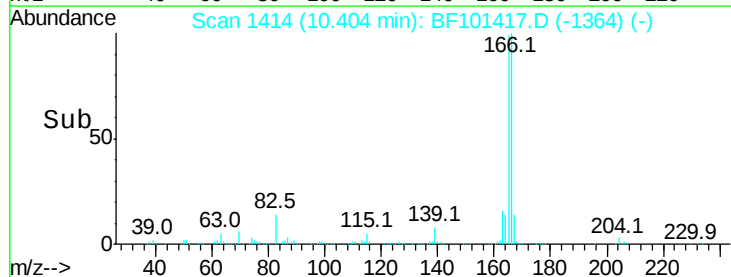


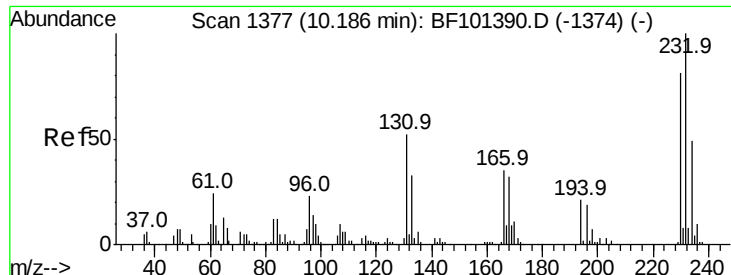
#57
Fluorene
Concen: 32.134 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:166 Resp: 800068
Ion Ratio Lower Upper
166 100
165 99.3 79.8 119.8
167 13.6 10.6 16.0



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

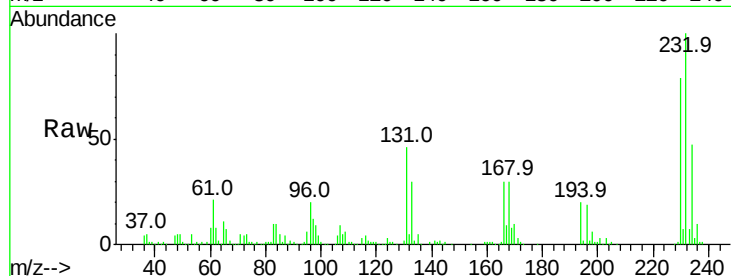




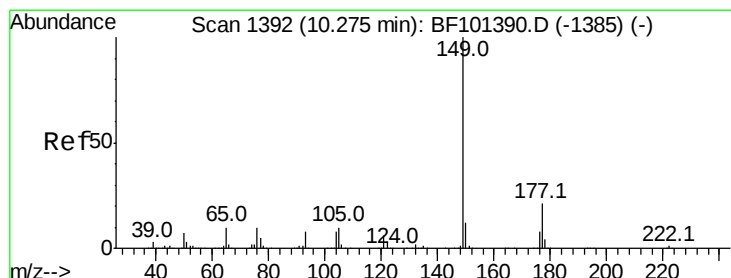
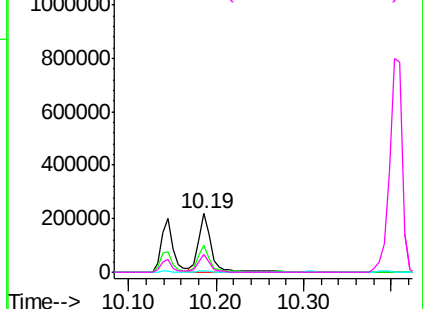
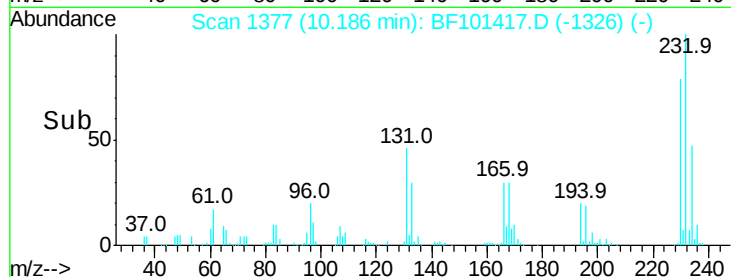
#58
2,3,4,6-Tetrachlorophenol
Concen: 38.063 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	43.8	65.8
130	2.3	2.1	3.1
166	28.5	27.8	41.6

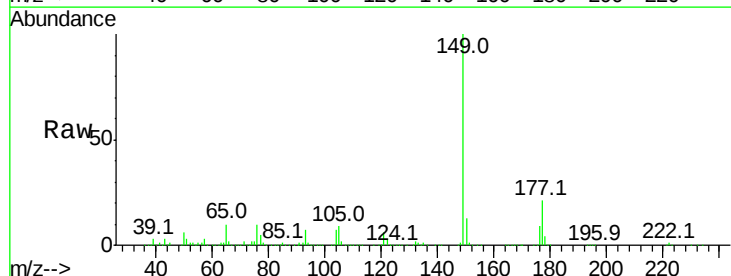


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

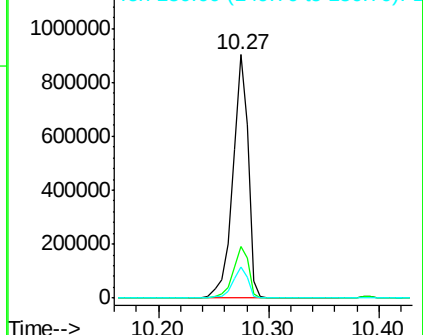
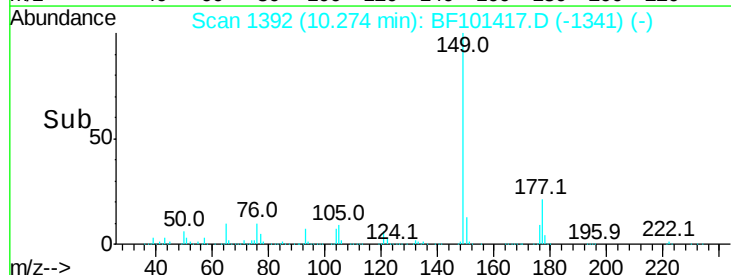


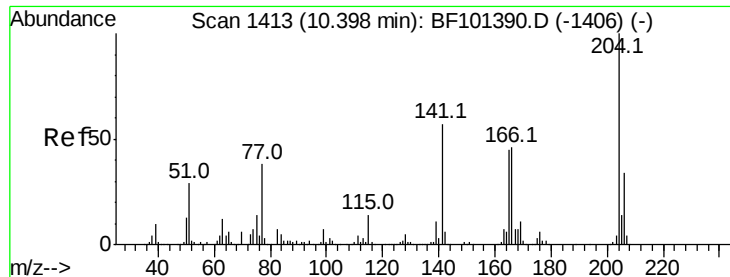
#59
Diethylphthalate
Concen: 30.594 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.8	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: 31.983 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

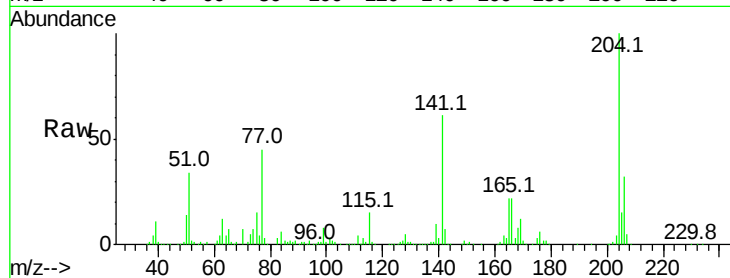
Tot Ion:204 Resp: 381633

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

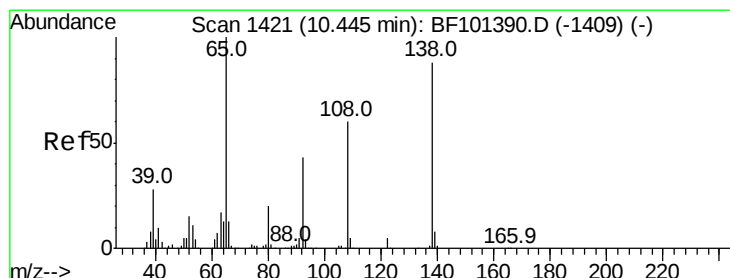
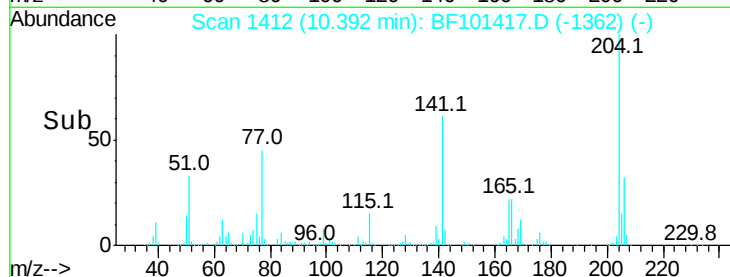
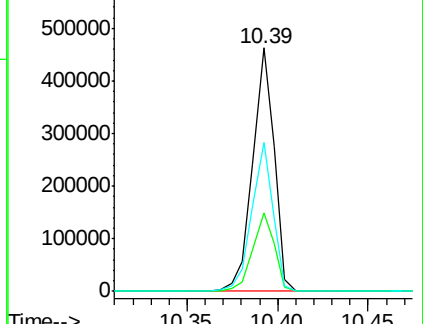
141 61.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 26.156 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

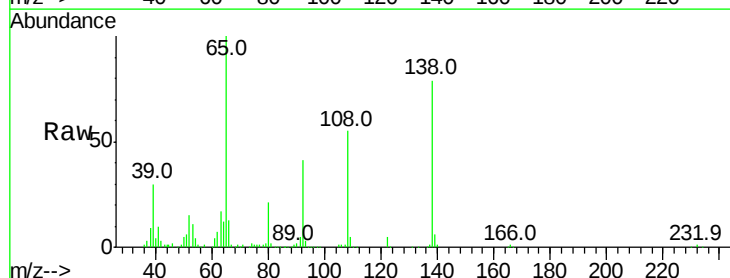
Tgt Ion:138 Resp: 192725

Ion Ratio Lower Upper

138 100

92 52.4 30.2 70.2

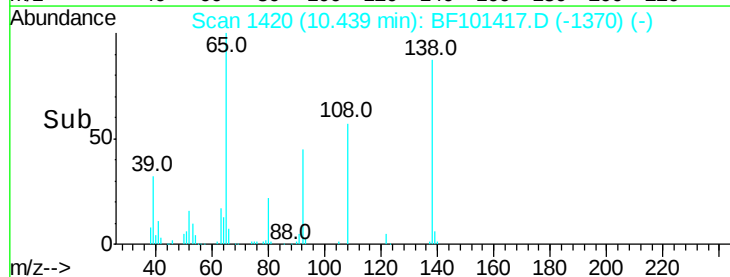
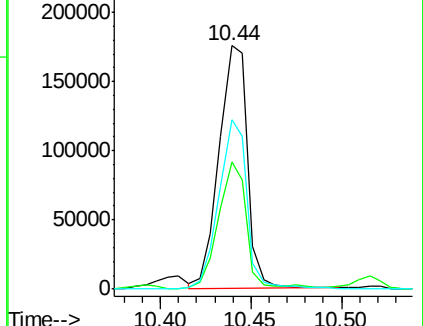
108 69.7 52.5 92.5

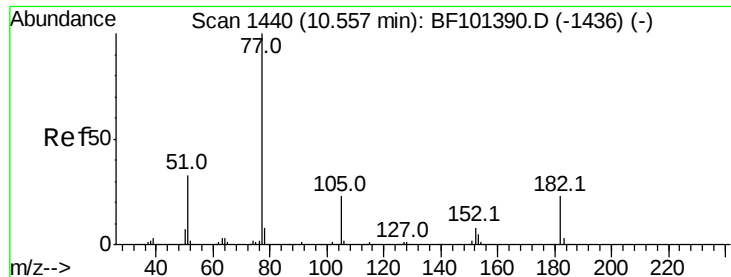


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 30.670 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 910185

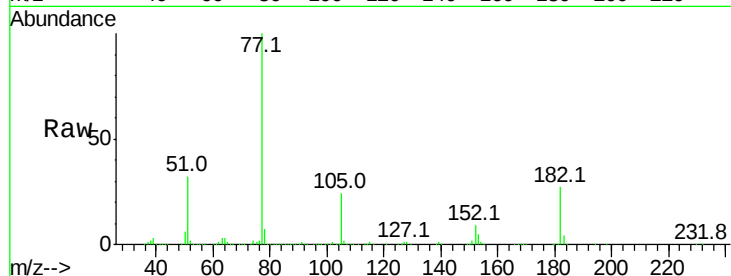
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 24.3 3.0 43.0

51 32.1 9.9 49.9

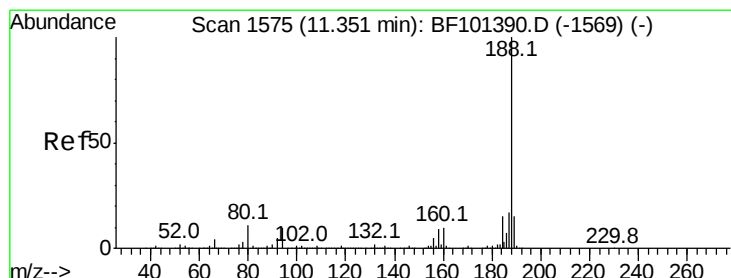
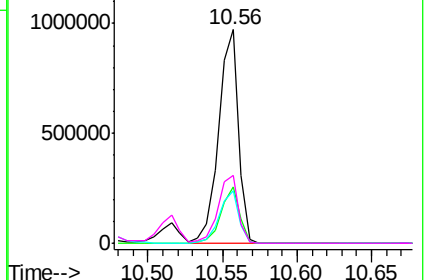
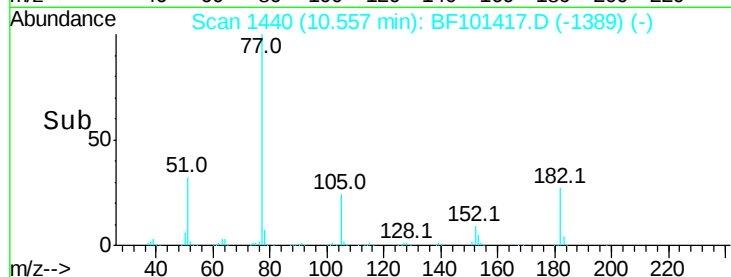


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

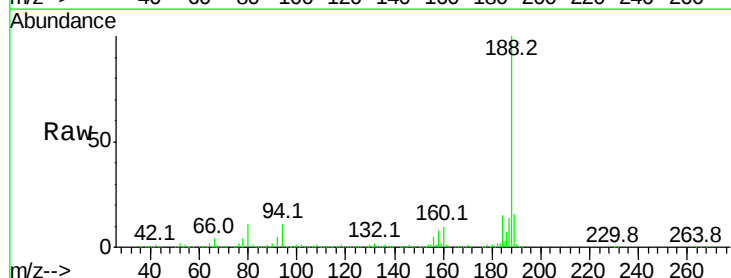
Tgt Ion: 188 Resp: 655237

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

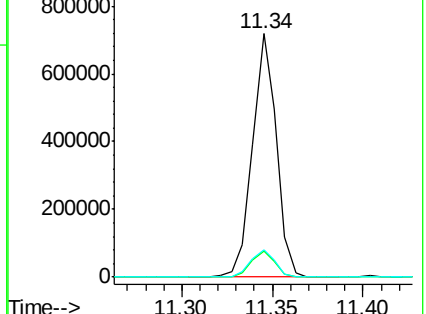
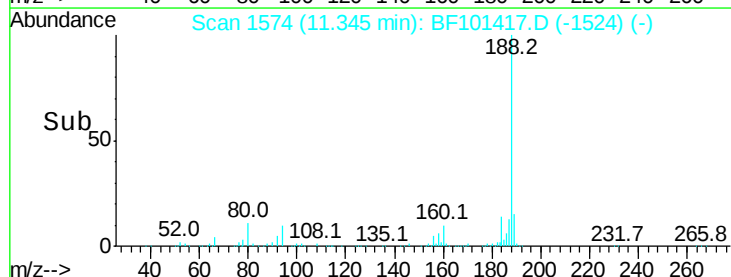
80 11.4 9.2 13.8

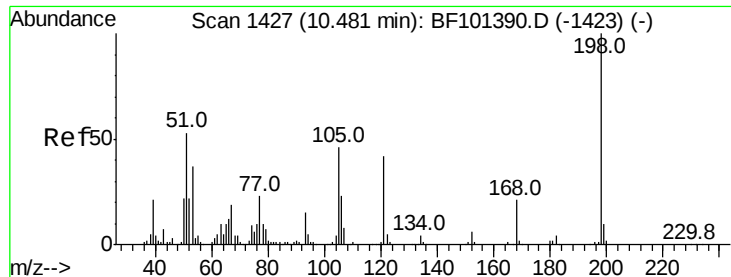


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 22.619 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampled :

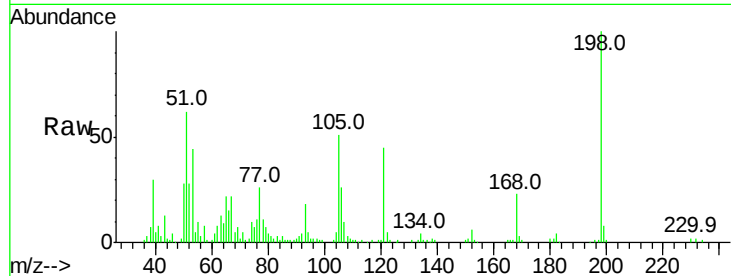
Tot Ion:198 Resp: 75631

Ion Ratio Lower Upper

198 100

51 61.8 37.7 77.7

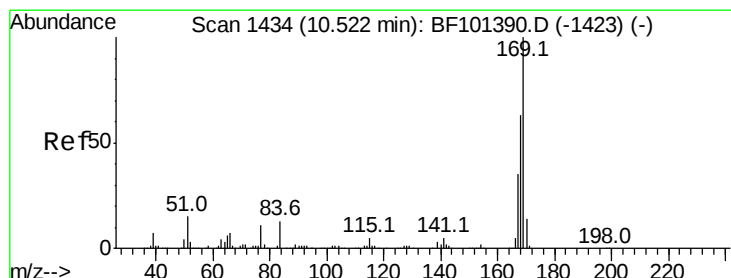
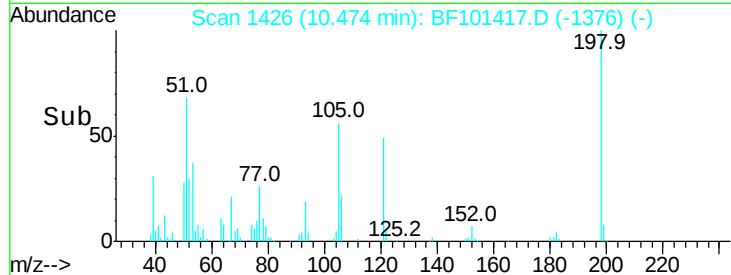
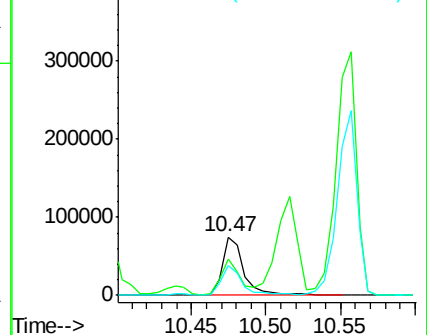
105 51.4 36.3 76.3



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: 31.563 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

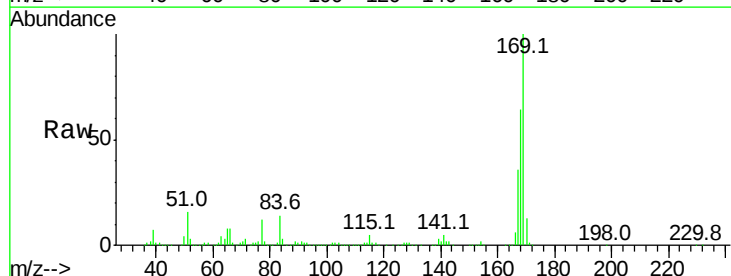
Tgt Ion:169 Resp: 763646

Ion Ratio Lower Upper

169 100

168 63.9 54.4 81.6

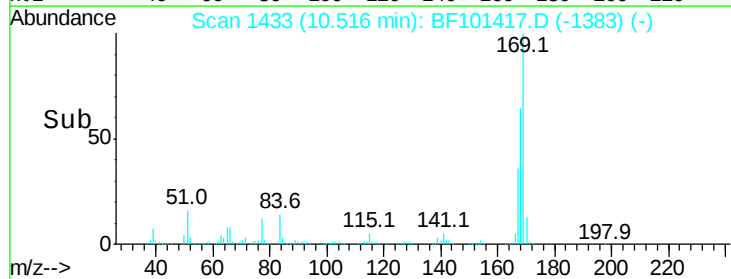
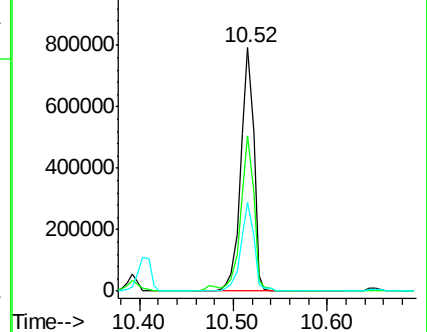
167 36.5 29.8 44.6

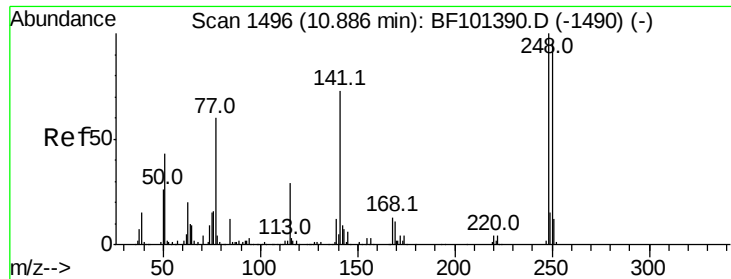


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

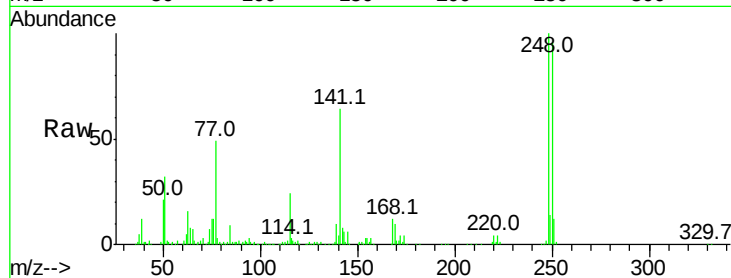




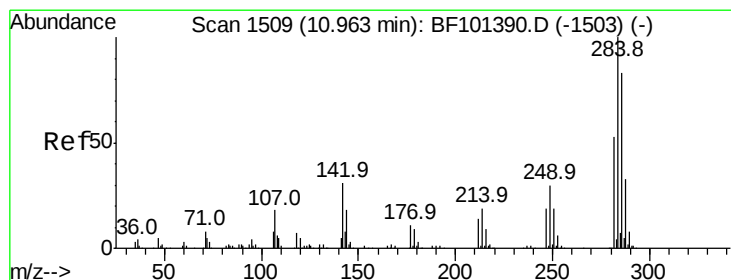
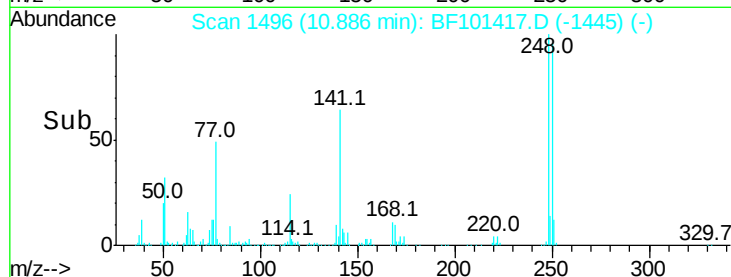
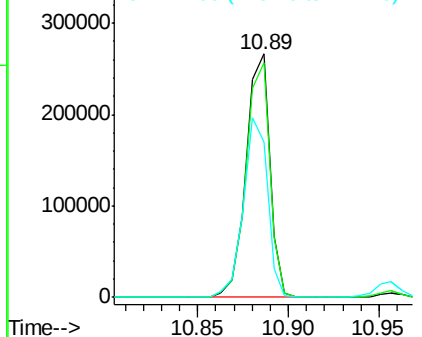
#66
4-Bromophenyl-phenylether
Concen: 33.137 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	64.0	74.4	111.6#

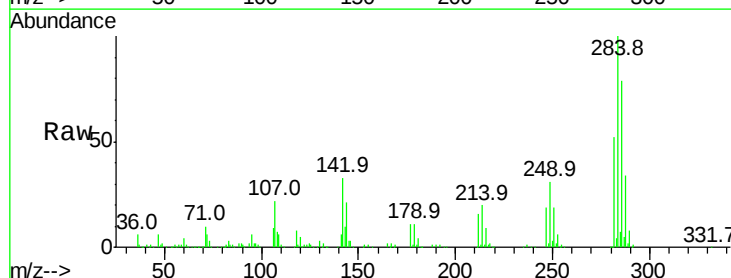


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

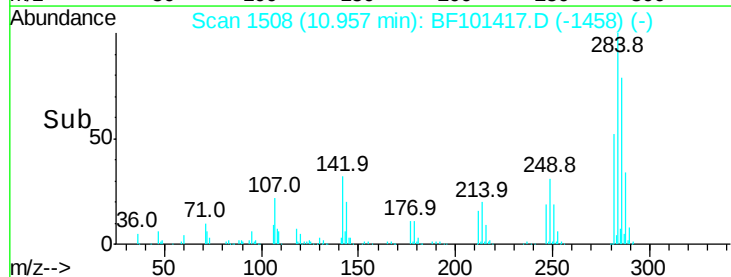
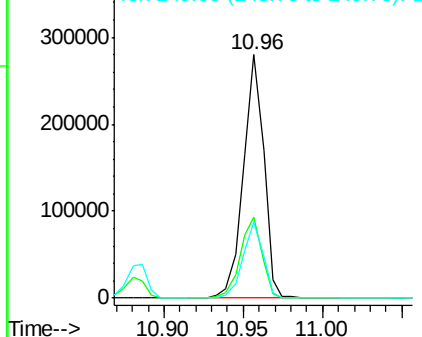


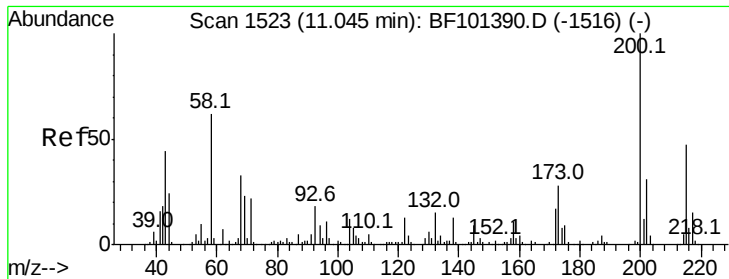
#67
Hexachlorobenzene
Concen: 31.949 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	34.6	52.0#
249	31.4	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

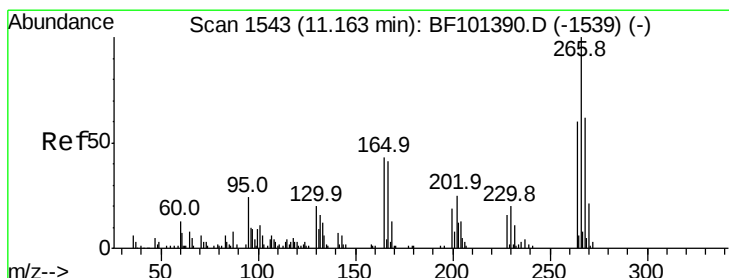
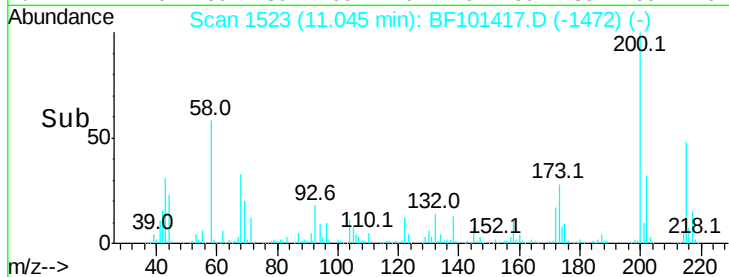
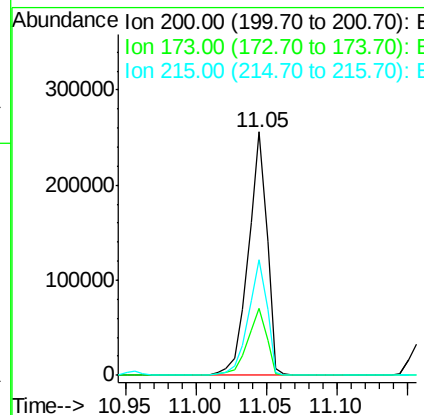
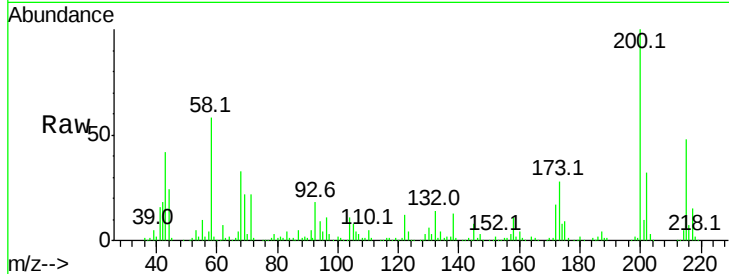




#68
Atrazine
Concen: 32.599 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

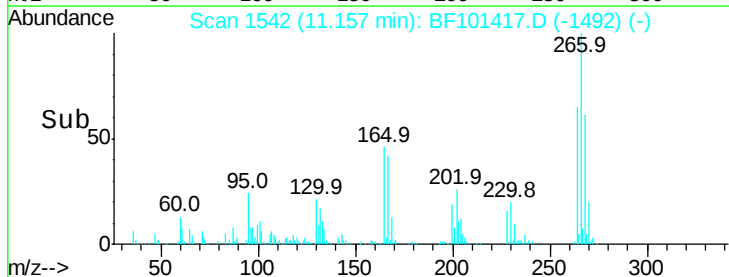
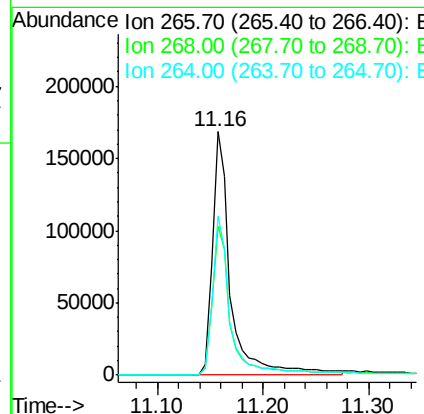
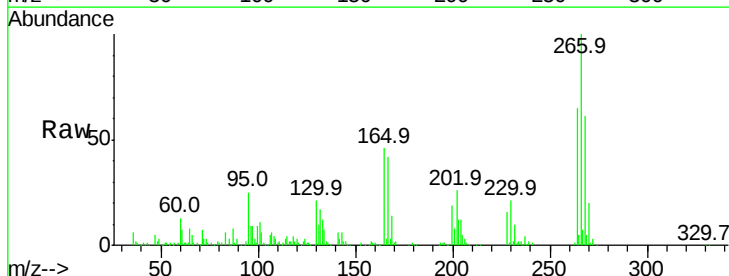
Instrument :
BNA_F
ClientSampleId :

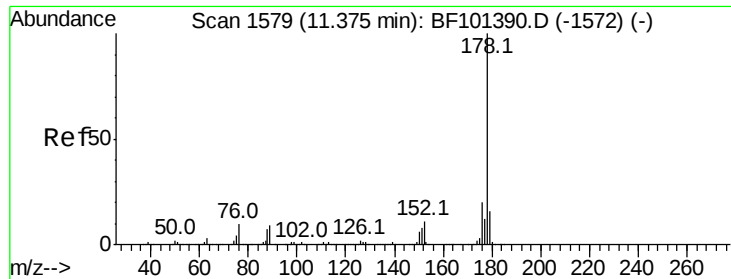
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	47.6	25.1	65.1



#69
Pentachlorophenol
Concen: 68.249 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	65.4	49.5	74.3

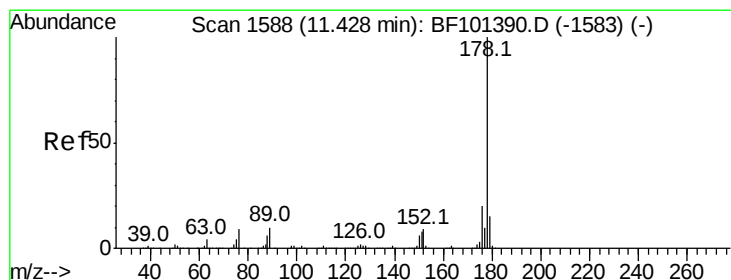
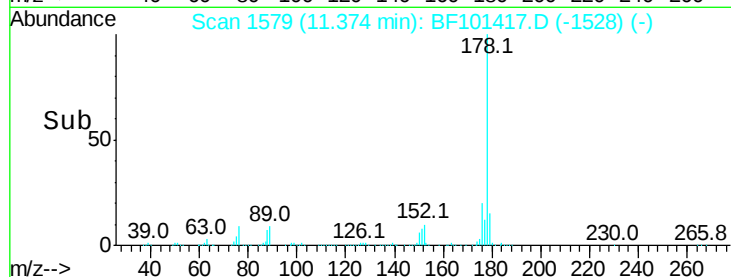
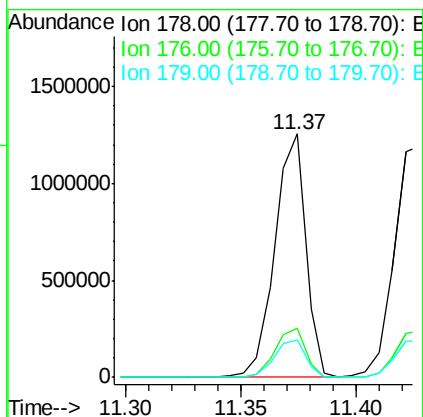
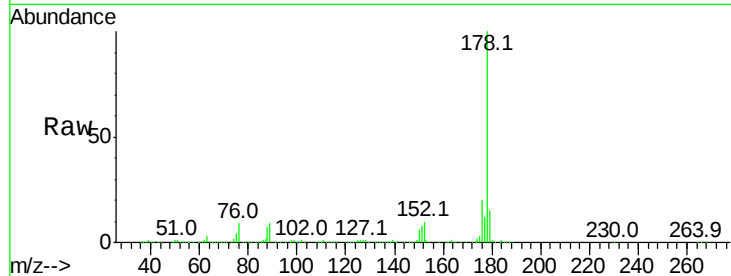




#70
Phenanthrene
Concen: 32.017 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

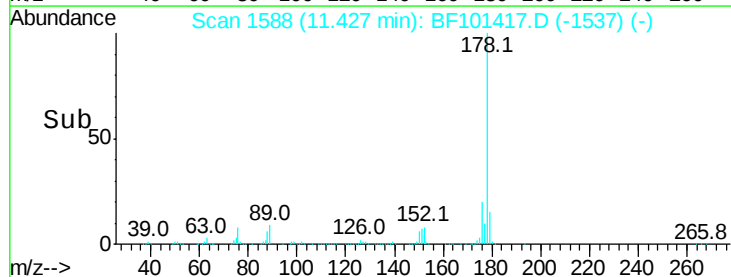
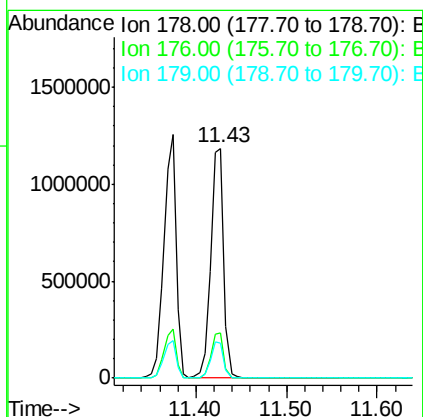
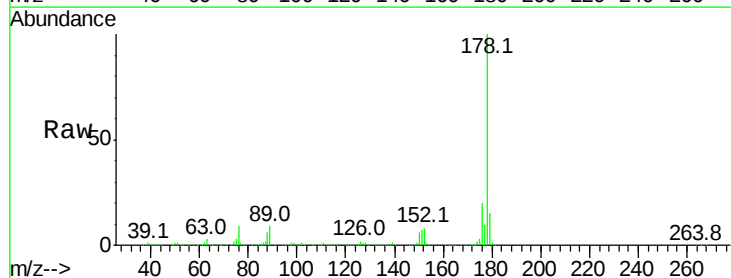
Instrument :
BNA_F
ClientSampleId :

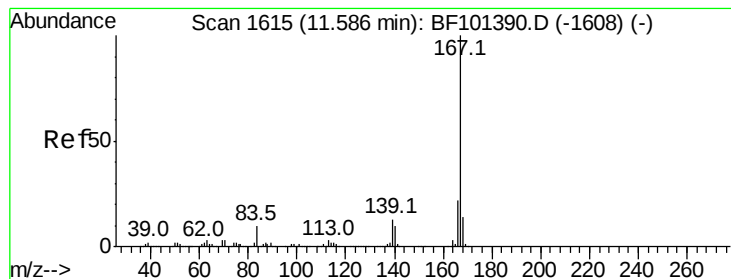
Tot Ion:178 Resp: 1166663
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 32.033 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:178 Resp: 1192323
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.5 12.6 19.0





#72

Carbazole

Concen: 31.431 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

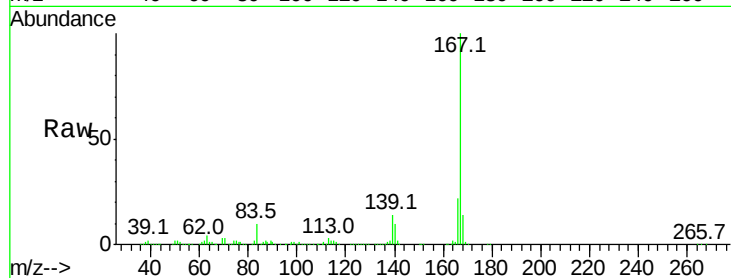
Tot Ion:167 Resp: 1095336

Ion Ratio Lower Upper

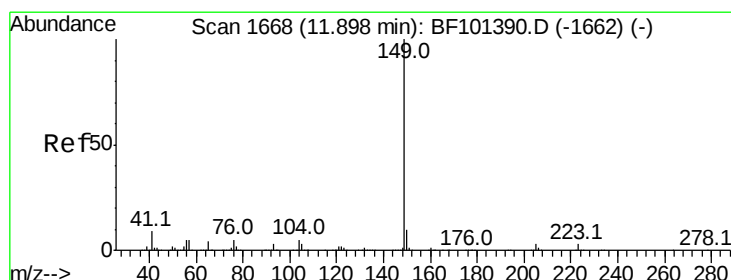
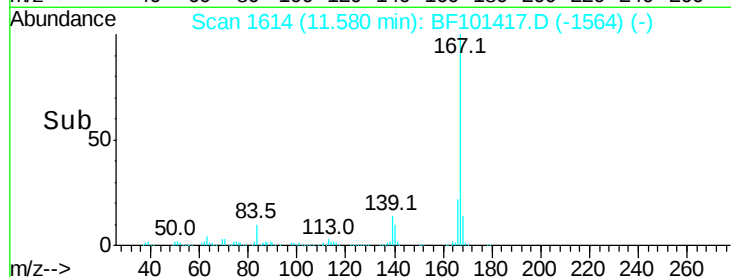
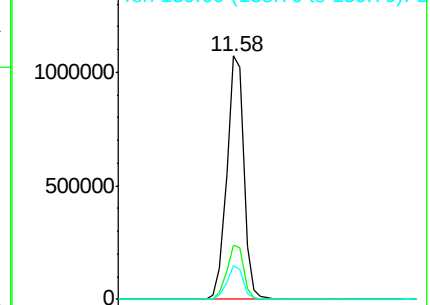
167 100

166 22.5 17.6 26.4

139 13.7 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 31.584 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

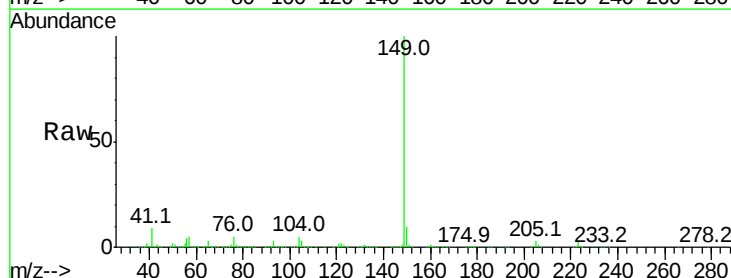
Tgt Ion:149 Resp: 1335902

Ion Ratio Lower Upper

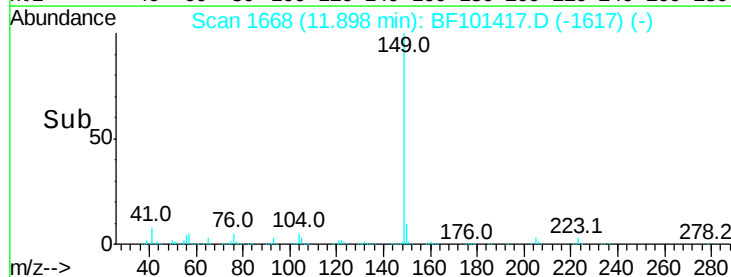
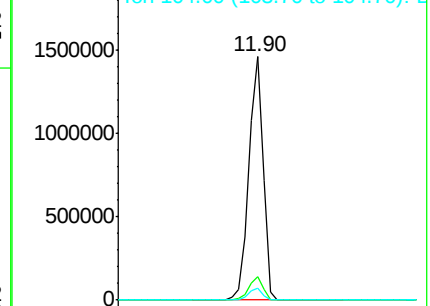
149 100

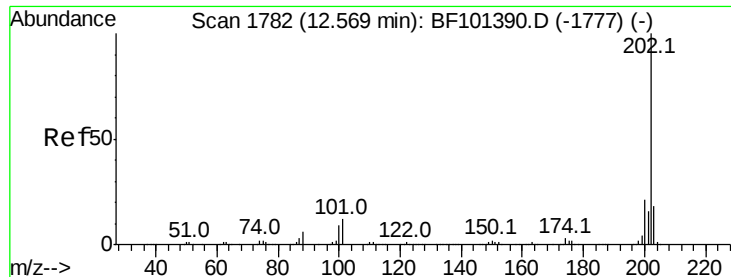
150 9.5 7.8 11.6

104 4.8 3.8 5.8



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

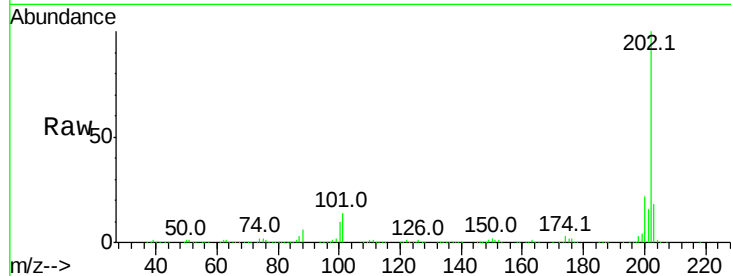




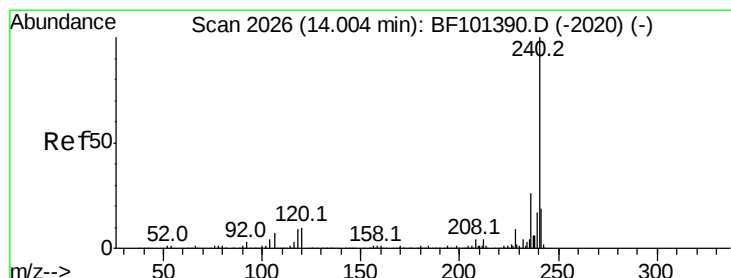
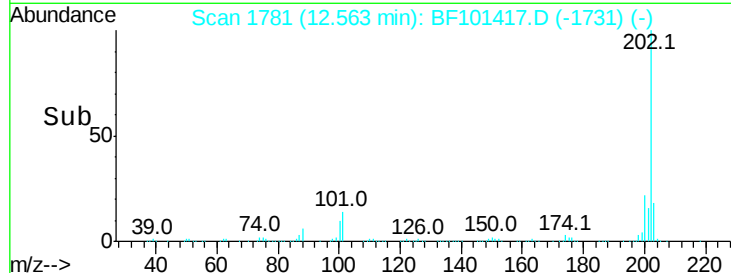
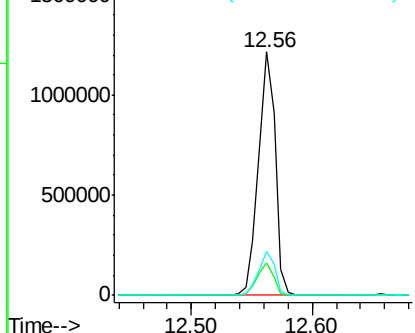
#74
Fluoranthene
Concen: 31.225 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1194284
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.1
203 17.9 0.0 38.1

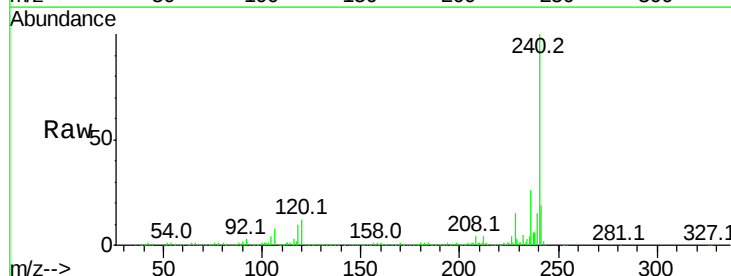


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

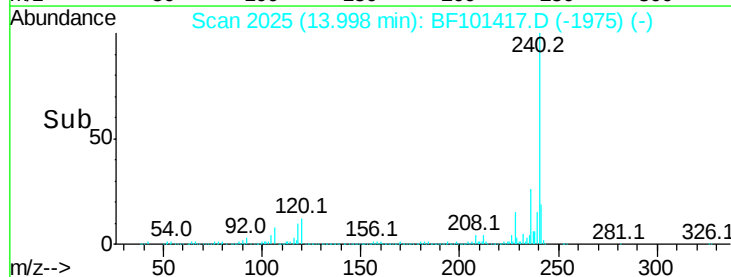
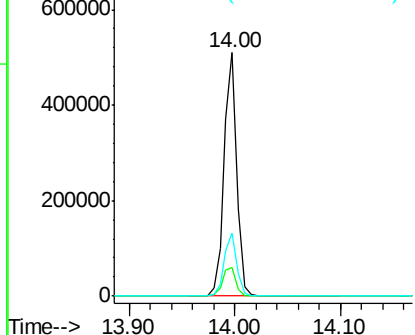


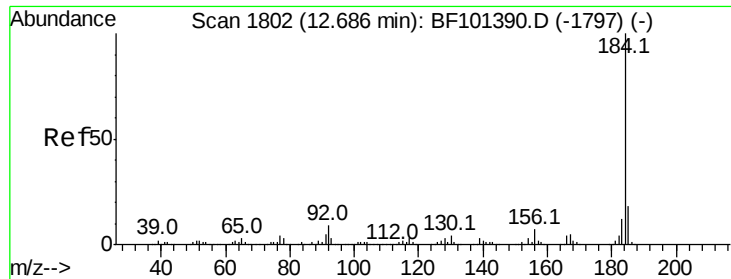
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:240 Resp: 428363
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.0 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

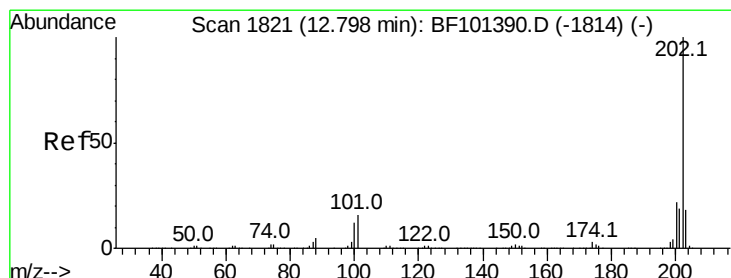
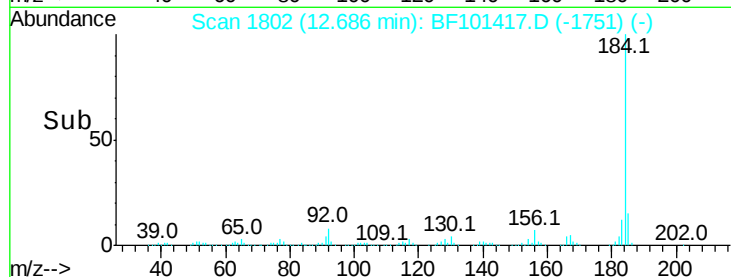
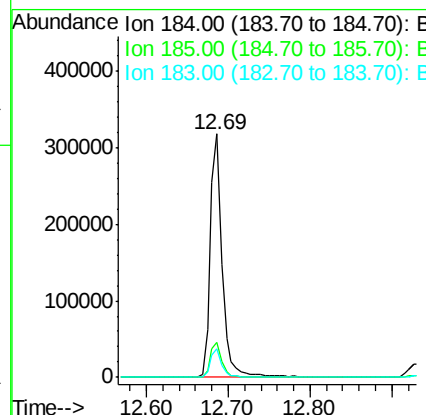
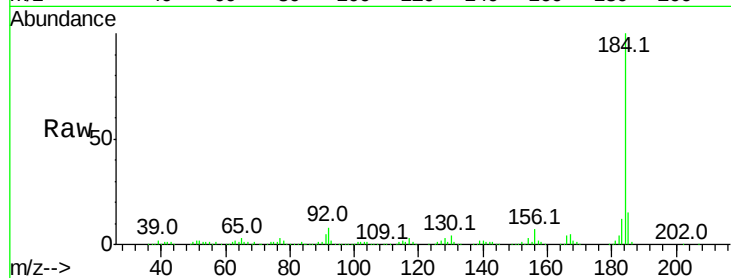




#76
Benzidine
Concen: 17.896 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

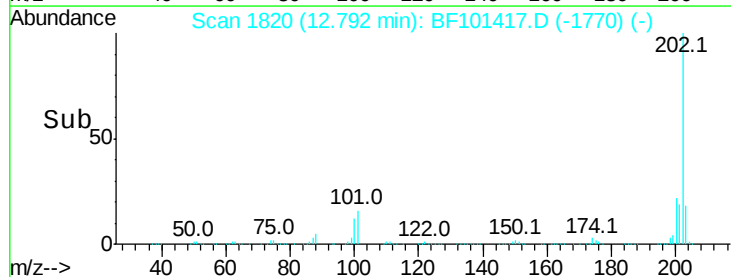
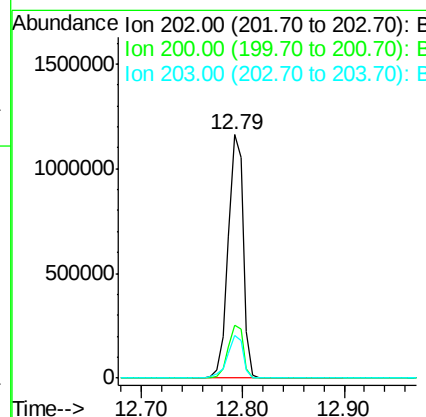
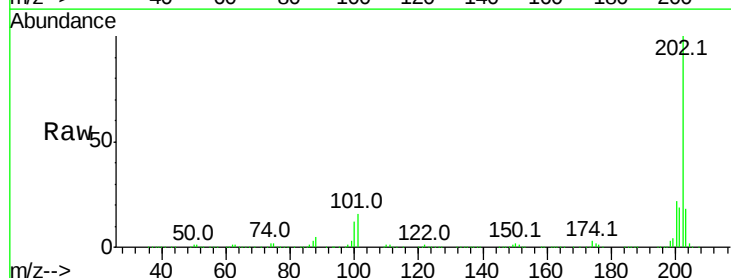
Instrument :
BNA_F
ClientSampleId :

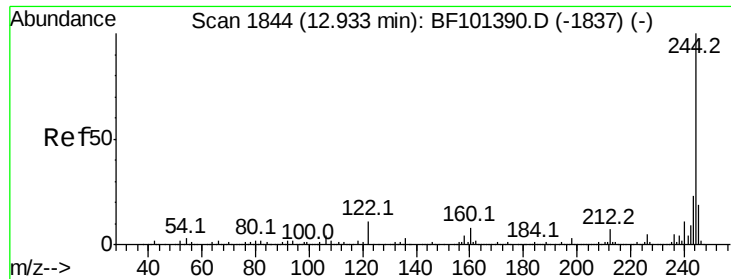
Tot Ion:184 Resp: 323772
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.7 9.3 13.9



#77
Pyrene
Concen: 37.176 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:202 Resp: 1195155
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.7 14.3 21.5

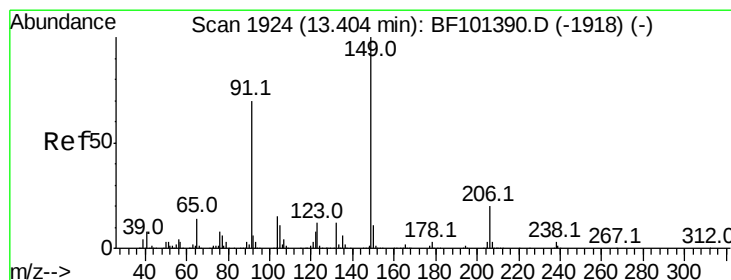
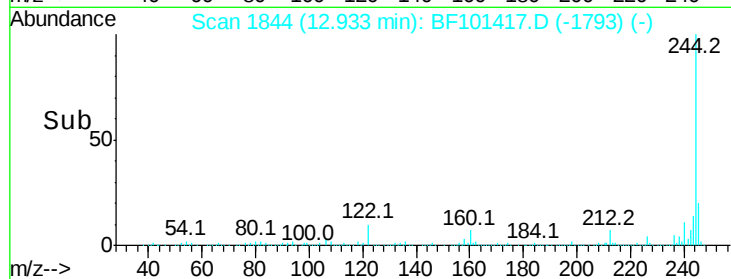
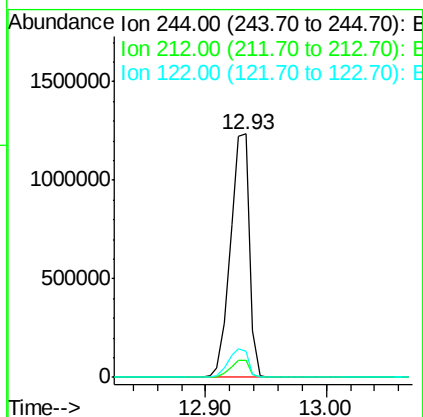
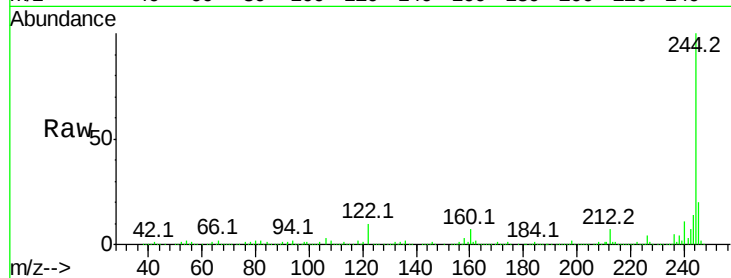




#78
 Terphenyl-d14
 Concen: 76.098 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

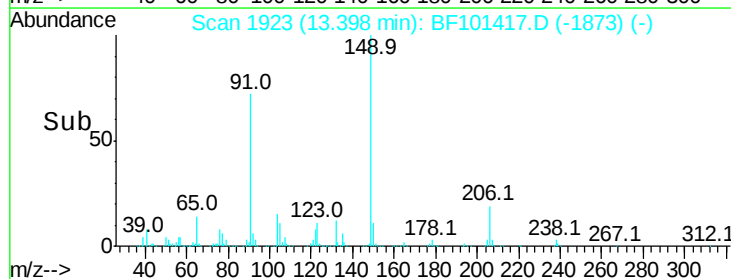
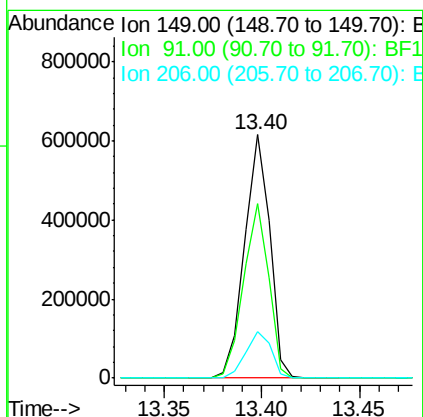
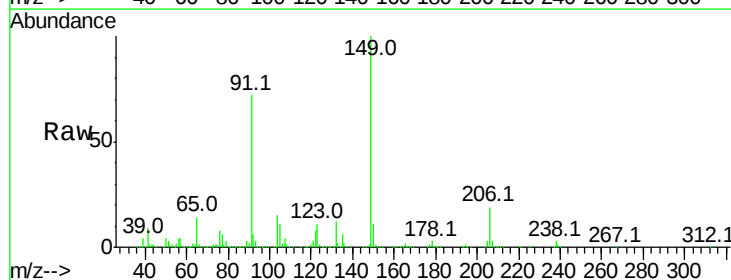
Instrument :
 BNA_F
 ClientSampleId :

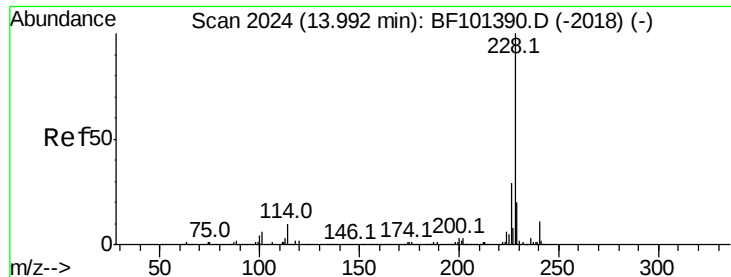
Tot Ion:244 Resp: 1352160
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.5 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 38.064 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion:149 Resp: 553701
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.8 85.2
 206 19.2 14.1 21.1

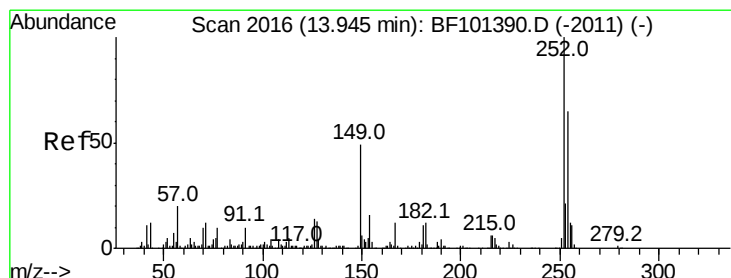
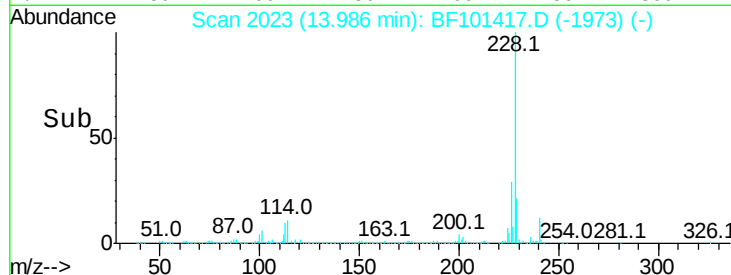
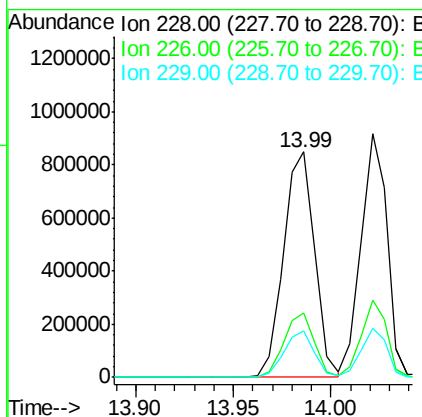
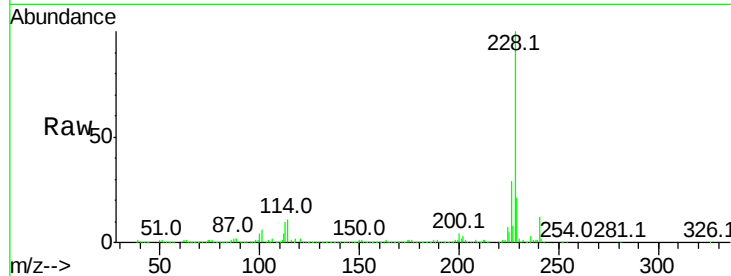




#80
Benzo(a)anthracene
Concen: 32.917 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

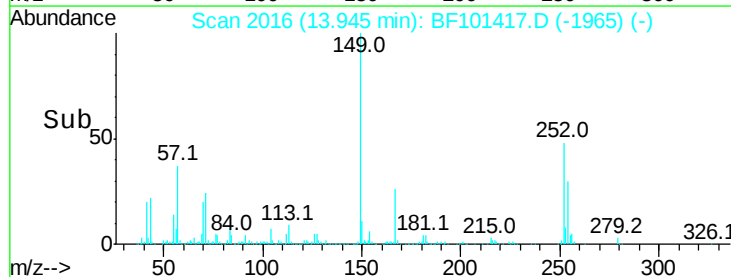
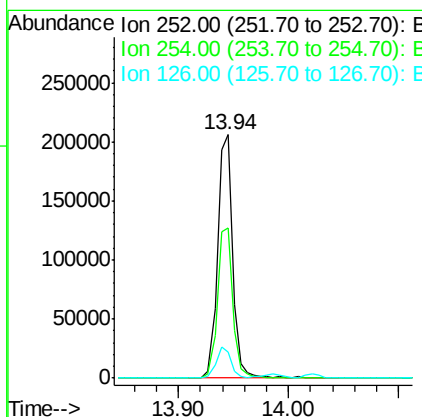
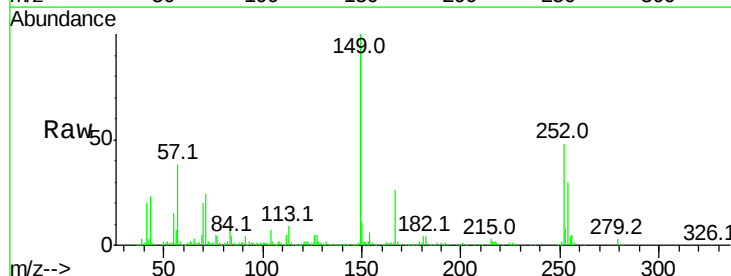
Instrument :
BNA_F
ClientSampleId :

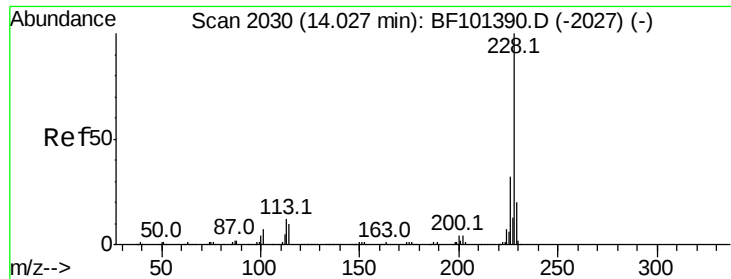
Tot Ion:228 Resp: 931060
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.5 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 21.273 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:252 Resp: 196201
Ion Ratio Lower Upper
252 100
254 61.7 50.4 75.6
126 10.5 11.3 16.9#





#82

Chrysene

Concen: 31.819 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

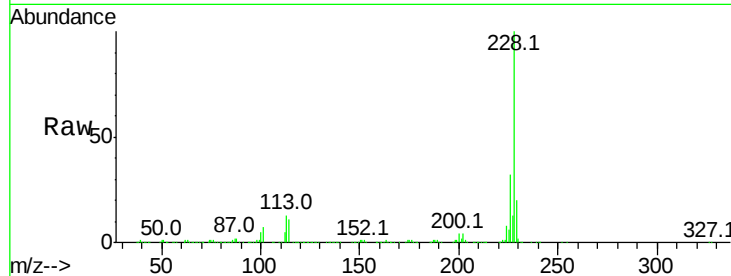
Tot Ion:228 Resp: 849773

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.6

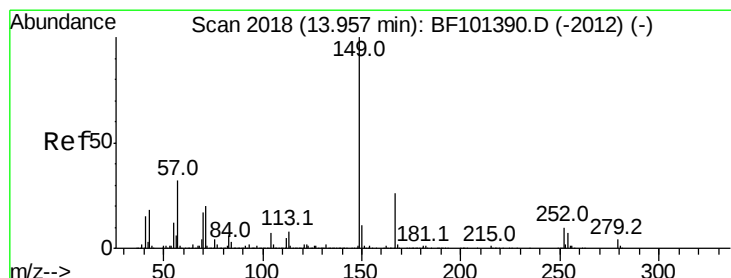
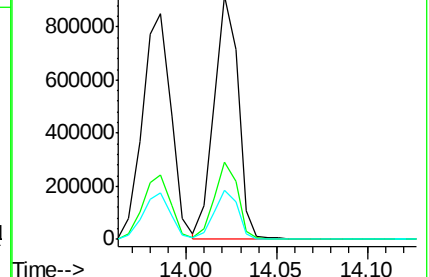
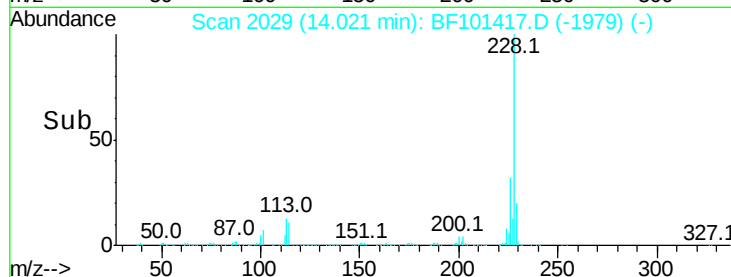
229 20.0 16.2 24.4



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: 38.694 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

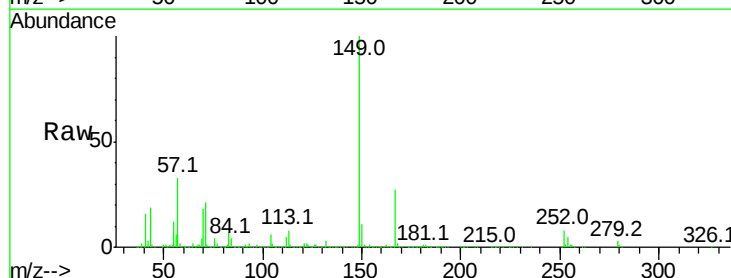
Tgt Ion:149 Resp: 712926

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

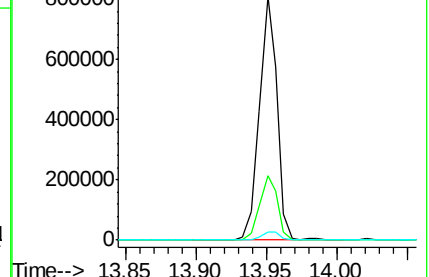
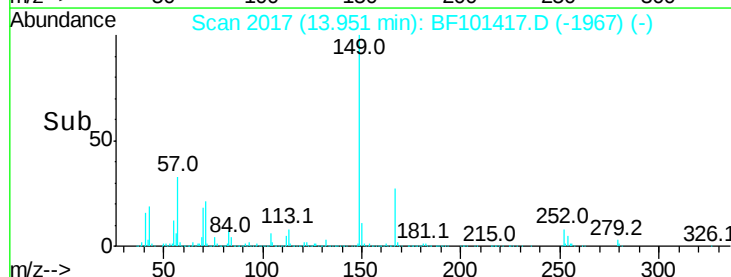
279 3.5 3.0 4.4

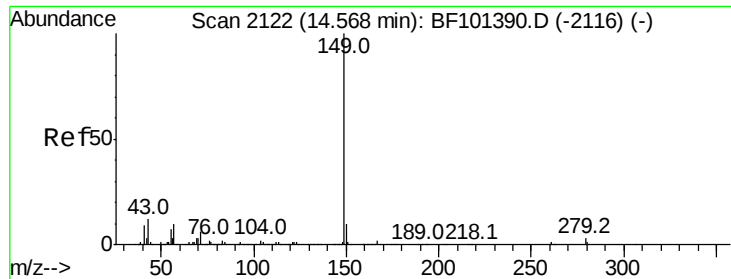


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

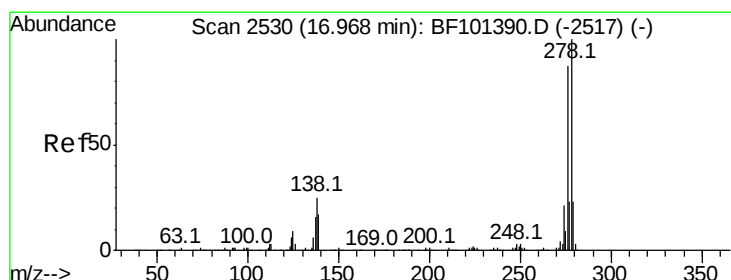
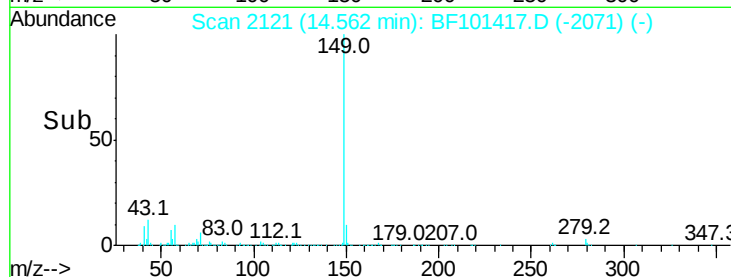
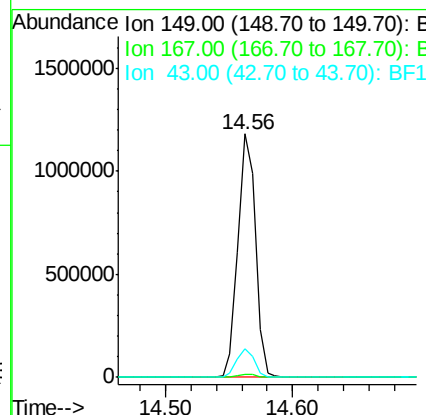
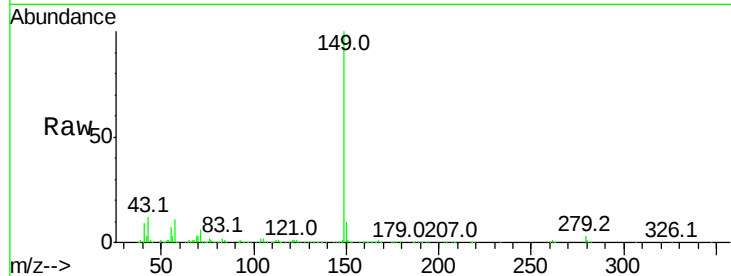




#84
Di-n-octyl phthalate
Concen: 34.090 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

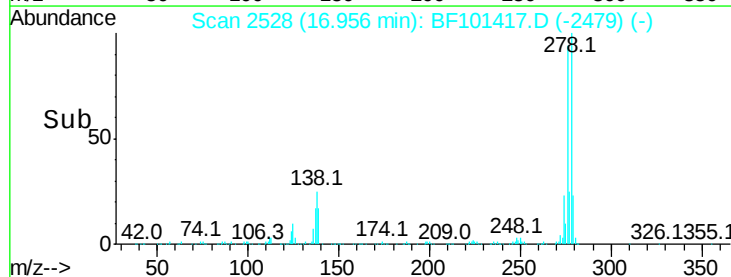
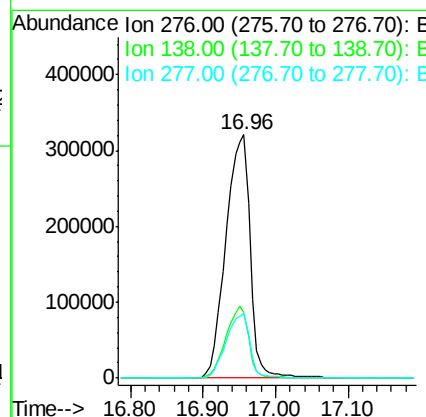
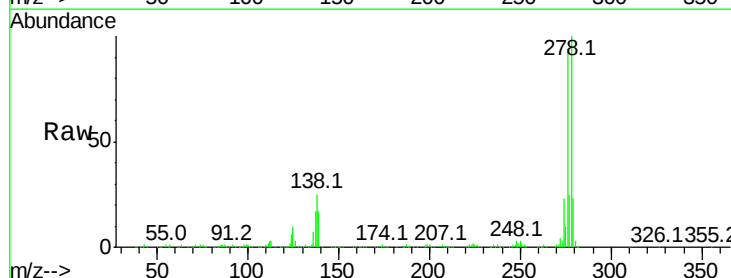
Instrument :
BNA_F
ClientSampleId :

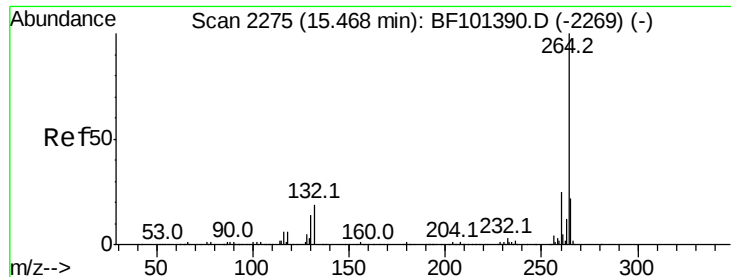
Tot Ion:149 Resp: 1120162
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 31.558 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:276 Resp: 750507
Ion Ratio Lower Upper
276 100
138 27.7 25.0 37.6
277 25.6 20.1 30.1

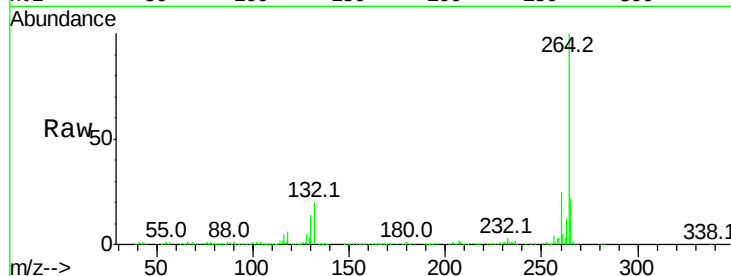




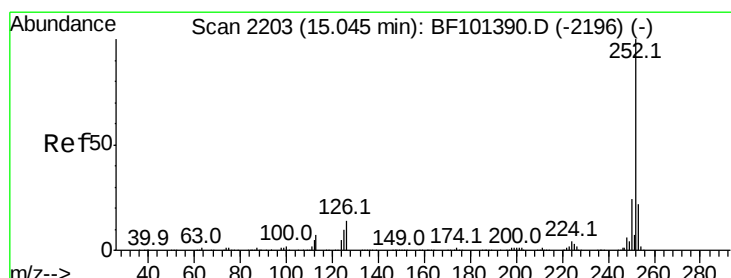
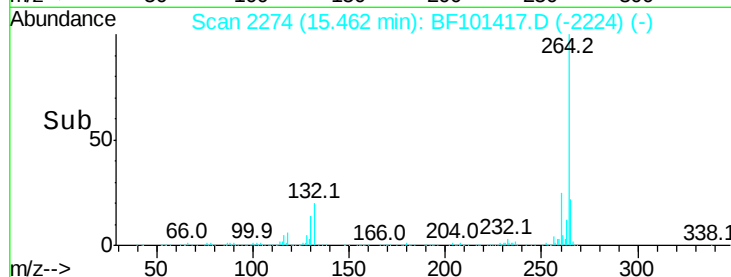
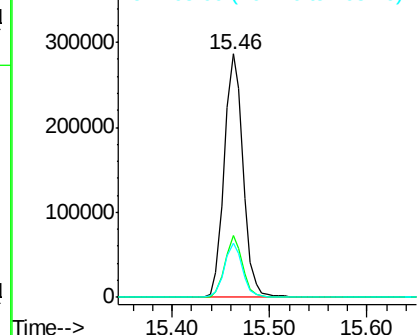
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 384665
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 22.2 17.5 26.3

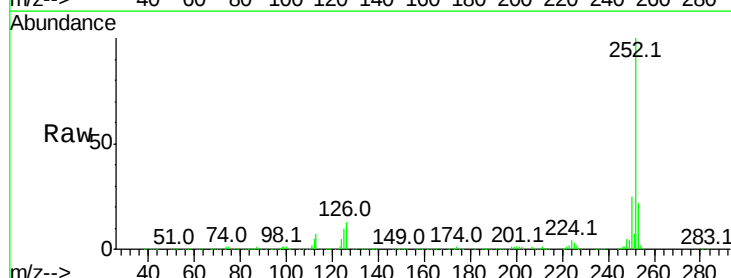


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

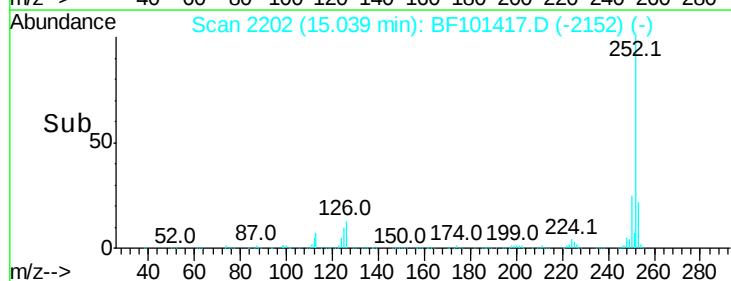
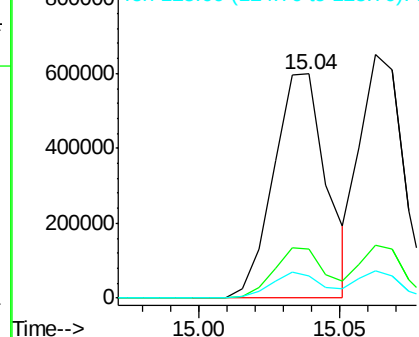


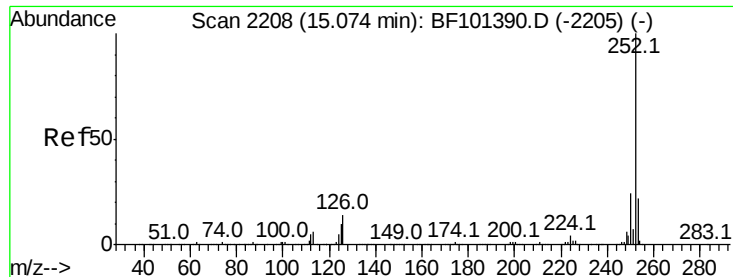
#87
Benzo(b)fluoranthene
Concen: 33.338 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:252 Resp: 781639
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.0 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

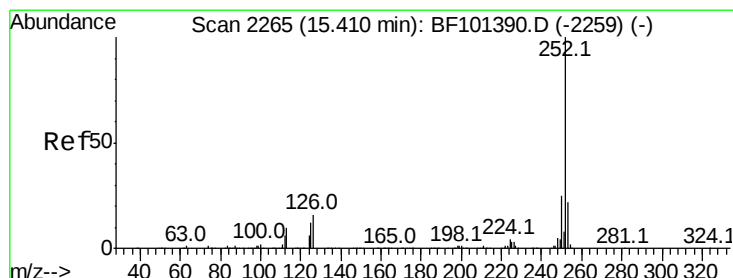
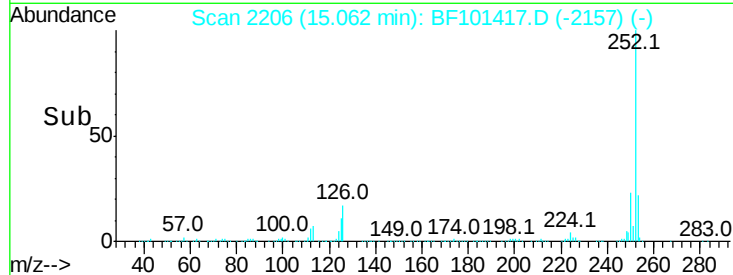
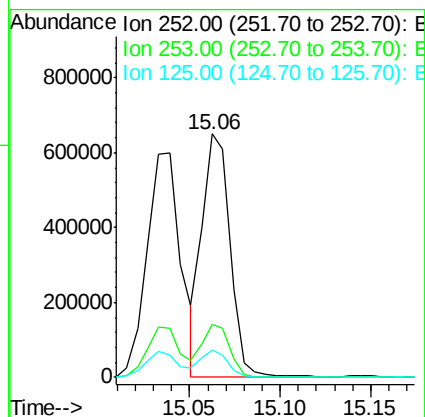
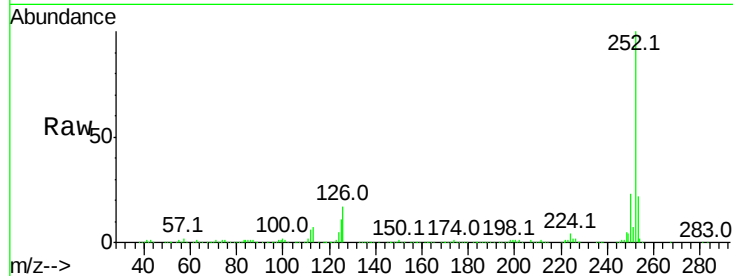




#88
Benzo(k)fluoranthene
Concen: 30.307 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

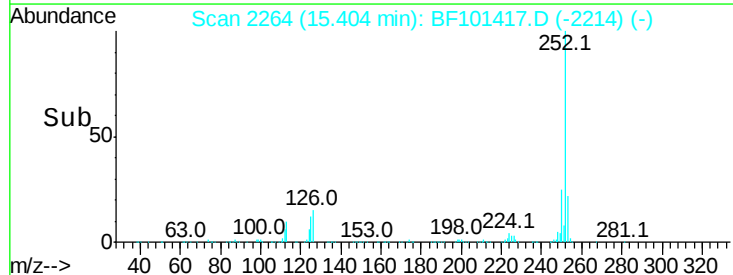
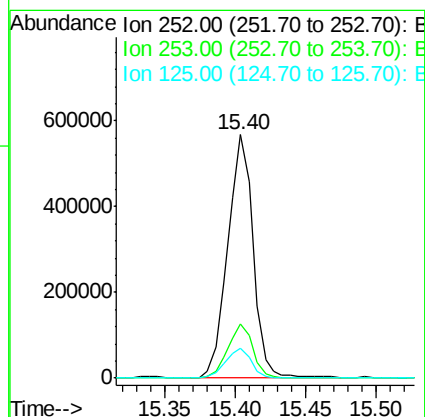
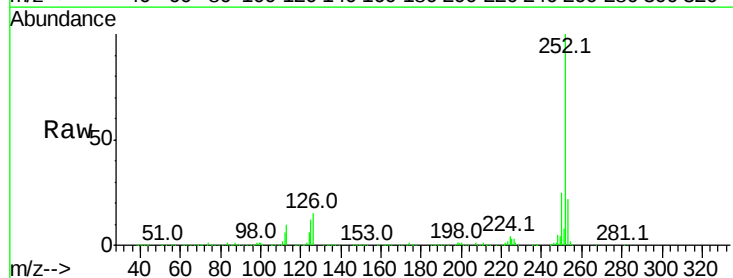
Instrument :
BNA_F
ClientSampleId :

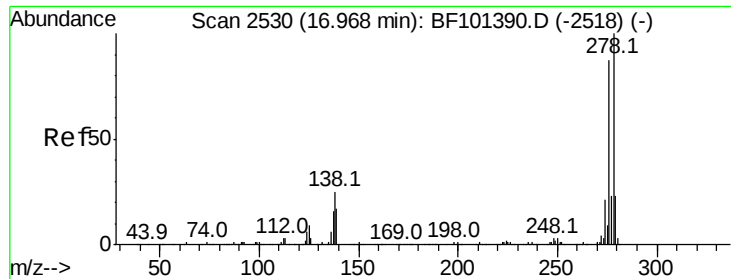
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.1	10.2	15.2



#89
Benzo(a)pyrene
Concen: 32.811 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.1	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 34.479 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

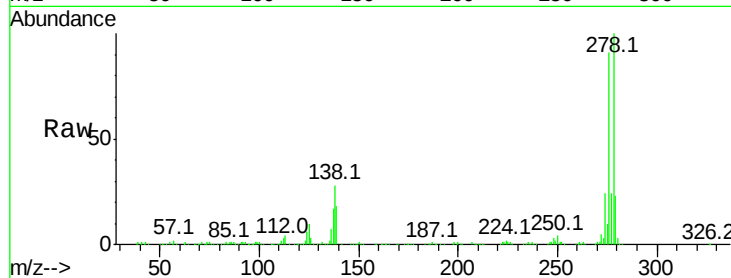
Tot Ion:278 Resp: 639842

Ion Ratio Lower Upper

278 100

139 18.3 15.9 23.9

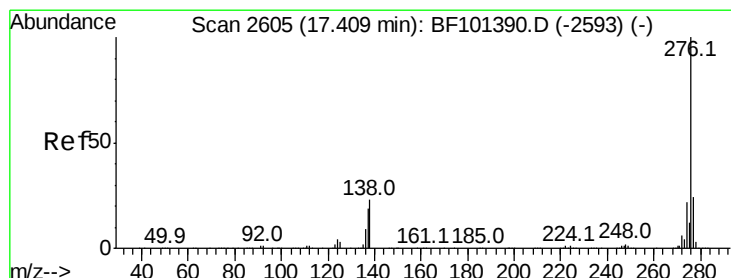
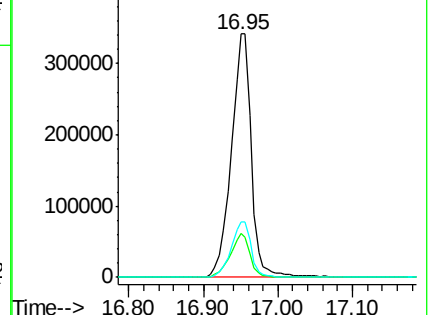
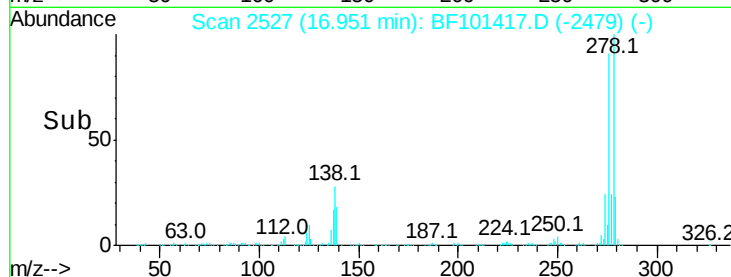
279 22.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 35.128 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

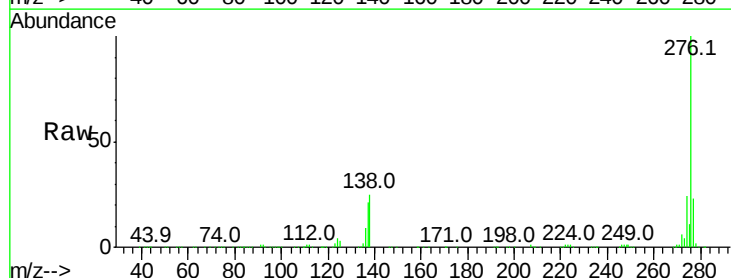
Tgt Ion:276 Resp: 645510

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 24.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

