

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101569.D
 Acq On : 20 Dec 2017 15:56
 Operator : SJ/JU
 Sample : I6676-09MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

Quant Time: Dec 20 16:56:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146590	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	586886	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	253611	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	418723	20.00	ng	0.00
75) Chrysene-d12	13.97	240	264074	20.00	ng	0.00
86) Perylene-d12	15.43	264	319081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1091237	110.89	ng	0.02
7) Phenol-d6	6.45	99	1224943	100.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	919974	87.26	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	291189	119.16	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1450969	88.75	ng	0.00
78) Terphenyl-d14	12.90	244	1131017	103.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	173534	34.318	ng	# 80
3) Pyridine	3.45	79	253077	18.013	ng	98
4) n-Nitrosodimethylamine	3.37	42	239371	37.004	ng	98
6) Aniline	6.47	93	81191	4.770	ng	# 35
8) 2-Chlorophenol	6.59	128	404238	39.049	ng	99
9) Benzaldehyde	6.36	77	262392	29.009	ng	97
10) Phenol	6.46	94	451920	32.374	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	434945	39.722	ng	96
12) 1,3-Dichlorobenzene	6.74	146	443431	37.953	ng	100
13) 1,4-Dichlorobenzene	6.82	146	454322	38.079	ng	98
14) 1,2-Dichlorobenzene	6.97	146	411759	38.341	ng	98
15) Benzyl Alcohol	6.95	79	314760	37.338	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	716391	42.749	ng	59
17) 2-Methylphenol	7.06	107	335668	35.250	ng	# 88
18) Hexachloroethane	7.30	117	161590	38.954	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	300814	37.400	ng	94
20) 3+4-Methylphenols	7.22	107	439308	43.536	ng	# 75
22) Acetophenone	7.21	105	593035	44.285	ng	# 94
24) Nitrobenzene	7.39	77	479142	41.063	ng	96
25) Isophorone	7.62	82	890262	42.093	ng	97
26) 2-Nitrophenol	7.70	139	227716	45.425	ng	99
27) 2,4-Dimethylphenol	7.74	122	373641	43.873	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	555901	41.377	ng	99
29) 2,4-Dichlorophenol	7.95	162	357397	42.477	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	354239	39.896	ng	96
31) Naphthalene	8.10	128	1193842	40.406	ng	100
32) Benzoic acid	7.90	122	190173	35.605	ng	97
33) 4-Chloroaniline	8.17	127	49832	3.880	ng	# 93
34) Hexachlorobutadiene	8.21	225	203848	39.695	ng	99
35) Caprolactam	8.54	113	59089	20.225	ng	87
36) 4-Chloro-3-methylphenol	8.65	107	372502	40.281	ng	99
37) 2-Methylnaphthalene	8.79	142	784968	40.778	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	367032	42.865	ng	97
40) Hexachlorocyclopentadiene	8.94	237	53655	43.403	ng	93

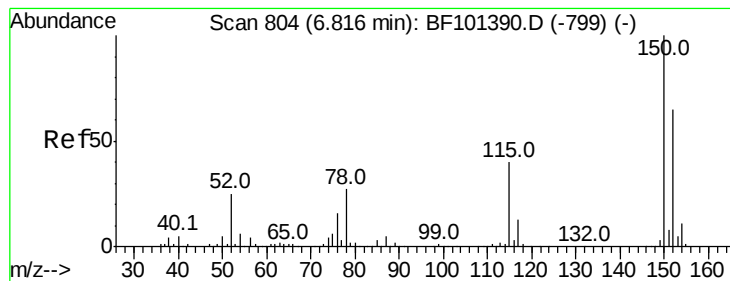
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101569.D
 Acq On : 20 Dec 2017 15:56
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	229171	44.457	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	233577	41.383	ng	98
45) 1,1'-Biphenyl	9.26	154	941813	41.874	ng	99
46) 2-Chloronaphthalene	9.29	162	704329	40.927	ng	98
47) 2-Nitroaniline	9.39	65	255168	42.921	ng	90
48) Acenaphthylene	9.70	152	1021354	37.575	ng	100
49) Dimethylphthalate	9.56	163	804641	39.444	ng	100
50) 2,6-Dinitrotoluene	9.63	165	179382	43.266	ng	92
51) Acenaphthene	9.87	154	626482	38.362	ng	98
52) 3-Nitroaniline	9.81	138	35241	6.818	ng	94
53) 2,4-Dinitrophenol	9.93	184	75359	55.774	ng	# 19
54) Dibenzofuran	10.04	168	867613	41.805	ng	97
55) 4-Nitrophenol	9.99	139	139721	61.989	ng	# 80
56) 2,4-Dinitrotoluene	10.05	165	208695	44.676	ng	# 80
57) Fluorene	10.39	166	708228	40.340	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	180835	44.593	ng	88
59) Diethylphthalate	10.26	149	809225	40.058	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	349883	41.582	ng	92
61) 4-Nitroaniline	10.42	138	147893	28.464	ng	99
62) Azobenzene	10.53	77	821114	39.237	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	62758	29.370	ng	92
65) n-Nitrosodiphenylamine	10.50	169	670484	43.366	ng	95
66) 4-Bromophenyl-phenylether	10.86	248	217540	46.237	ng	# 89
67) Hexachlorobenzene	10.94	284	214752	43.127	ng	# 87
68) Atrazine	11.03	200	213676	46.349	ng	96
69) Pentachlorophenol	11.14	266	159338	82.098	ng	97
70) Phenanthrene	11.35	178	956940	41.095	ng	99
71) Anthracene	11.40	178	973055	40.909	ng	100
72) Carbazole	11.56	167	841211	37.774	ng	99
73) Di-n-butylphthalate	11.87	149	1167047	43.177	ng	100
74) Fluoranthene	12.54	202	869674	35.581	ng	99
76) Benzidine	12.66	184	131244	11.767	ng	99
77) Pyrene	12.77	202	870113	43.904	ng	99
79) Butylbenzylphthalate	13.37	149	410111	45.733	ng	99
80) Benzo(a)anthracene	13.96	228	743577	42.643	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	103197	18.150	ng	# 97
82) Chrysene	14.00	228	710595	43.161	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	541300	47.656	ng	99
84) Di-n-octyl phthalate	14.54	149	917337	45.286	ng	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	841114	57.371	ng	96
87) Benzo(b)fluoranthene	15.01	252	816288	41.971	ng	98
88) Benzo(k)fluoranthene	15.04	252	682776	36.108	ng	98
89) Benzo(a)pyrene	15.38	252	751799	41.932	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	696958	45.276	ng	98
91) Benzo(g,h,i)perylene	17.36	276	716002	46.973	ng	95

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

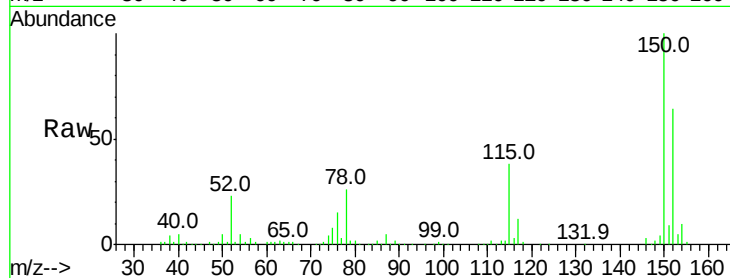


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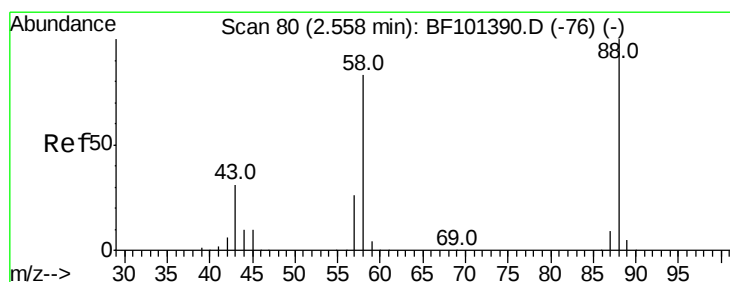
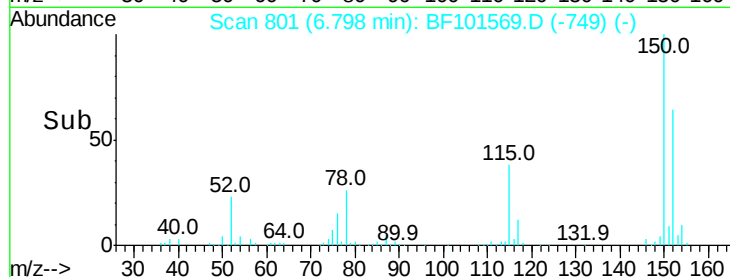
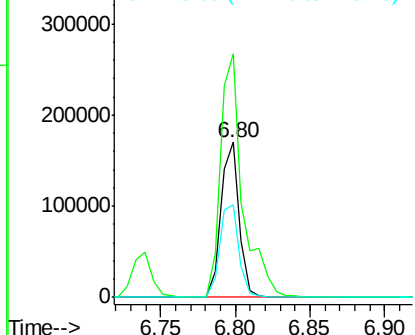
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

Tot Ion:152 Resp: 146590
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 60.0 50.1 75.1



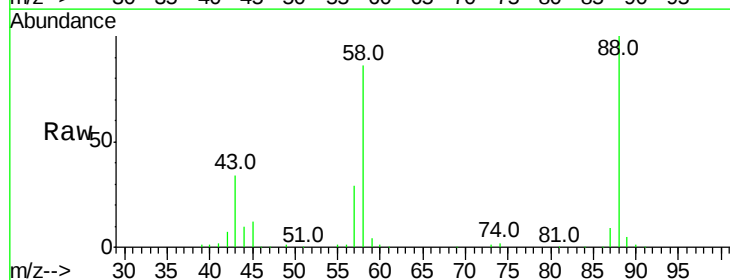
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



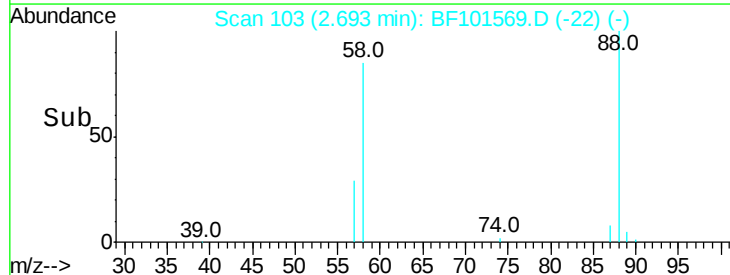
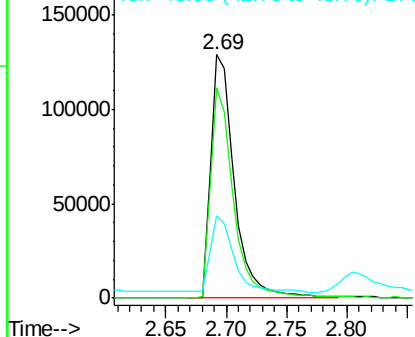
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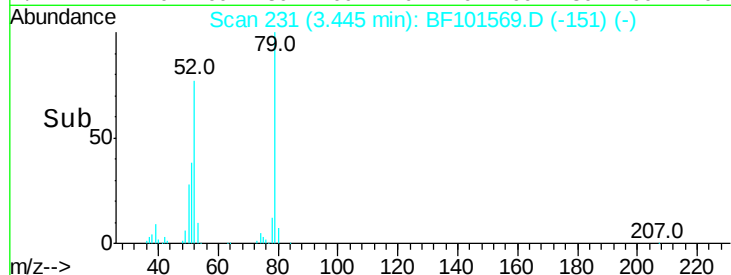
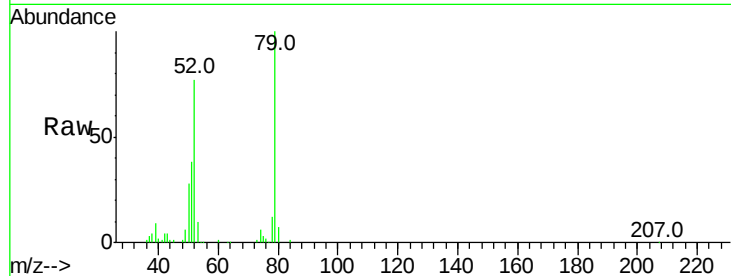
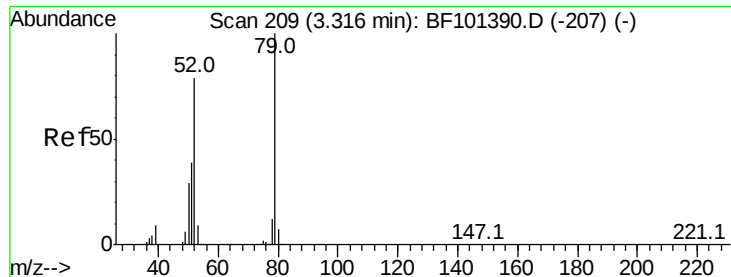
1,4-Dioxane
Concen: 34.318 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.18 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion: 88 Resp: 173534
Ion Ratio Lower Upper
88 100
58 83.8 62.6 93.8
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 18.013 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.17 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

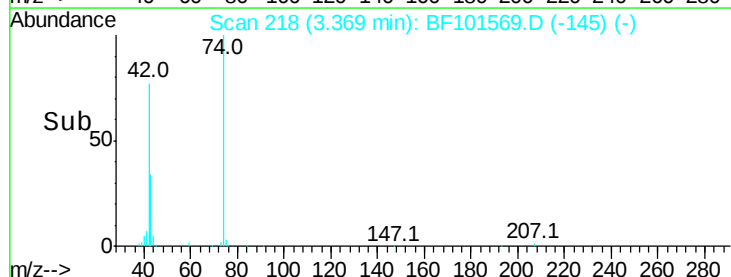
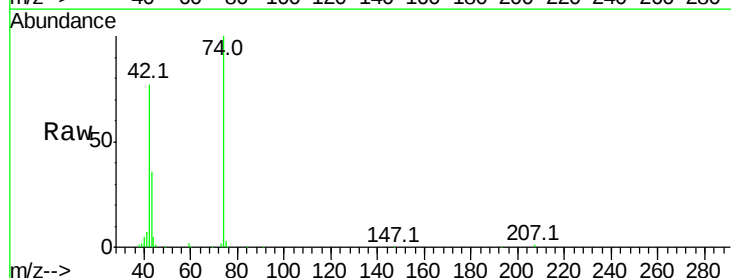
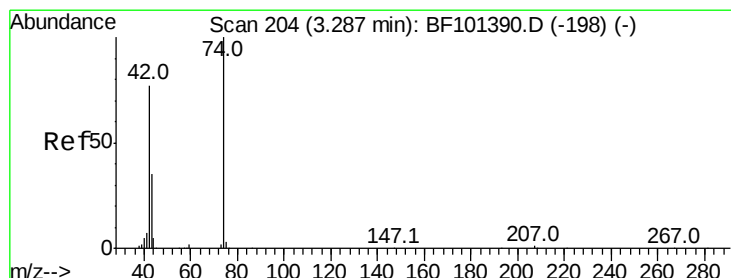
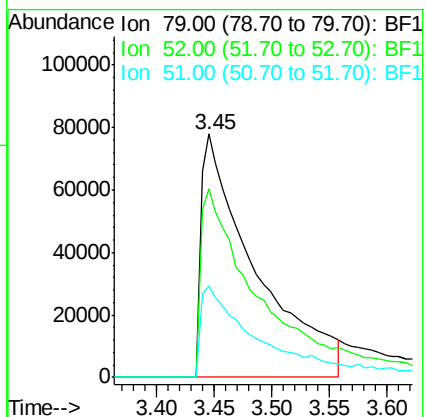
Tot Ion: 79 Resp: 253077

Ion Ratio Lower Upper

79 100

52 77.2 59.8 89.6

51 37.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.004 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.13 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

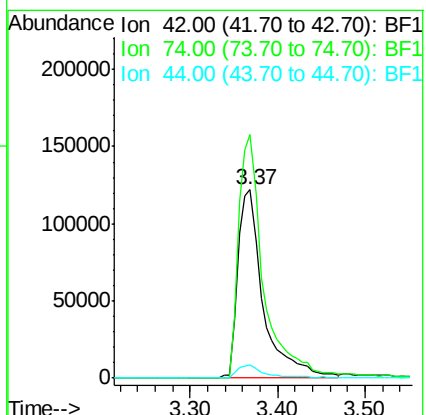
Tgt Ion: 42 Resp: 239371

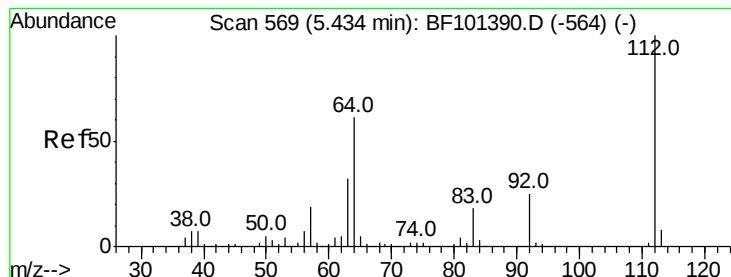
Ion Ratio Lower Upper

42 100

74 129.4 104.9 157.3

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 110.886 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

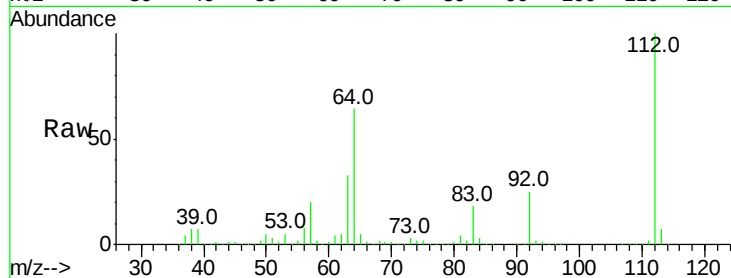
Tot Ion:112 Resp: 1091237

Ion Ratio Lower Upper

112 100

64 64.3 47.9 71.9

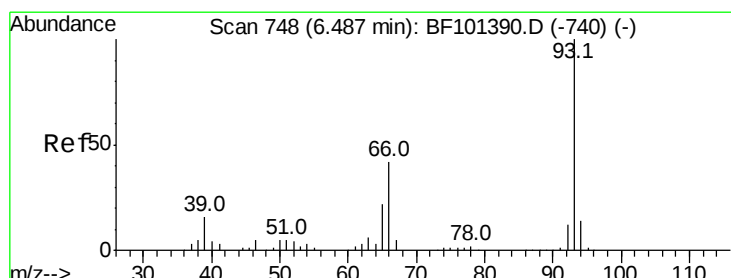
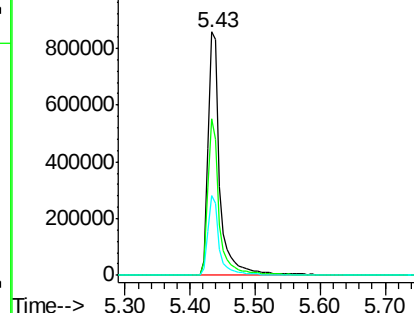
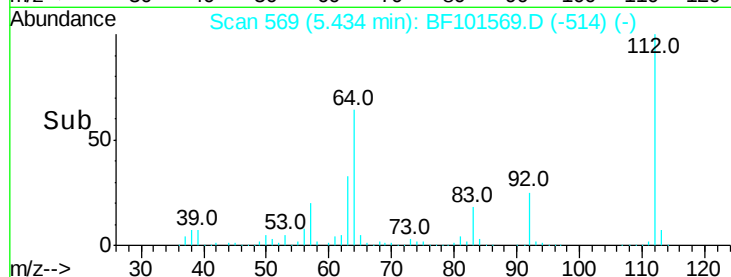
63 32.7 23.7 35.5



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: 4.770 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

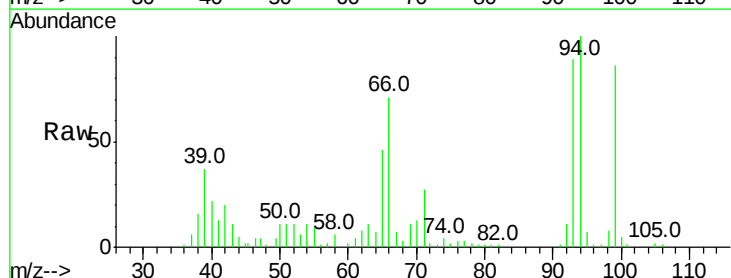
Tgt Ion: 93 Resp: 81191

Ion Ratio Lower Upper

93 100

66 80.4 32.2 48.2#

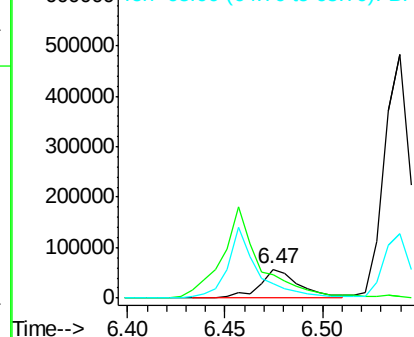
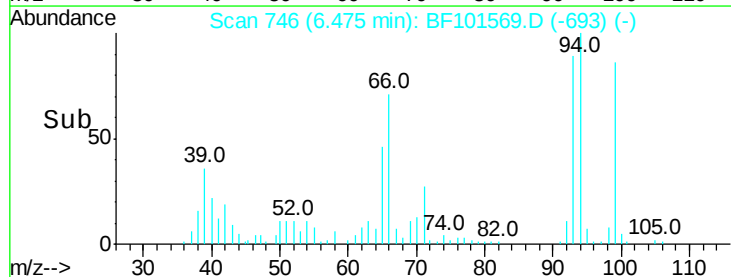
65 51.3 16.4 24.6#

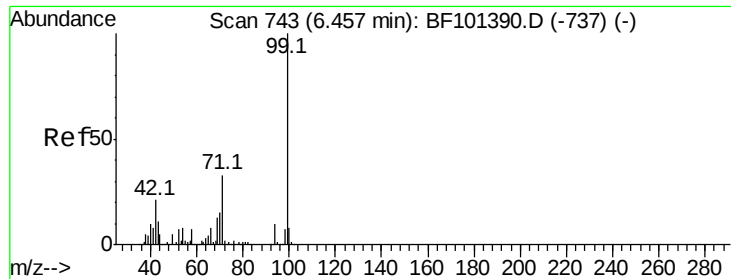


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.015 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

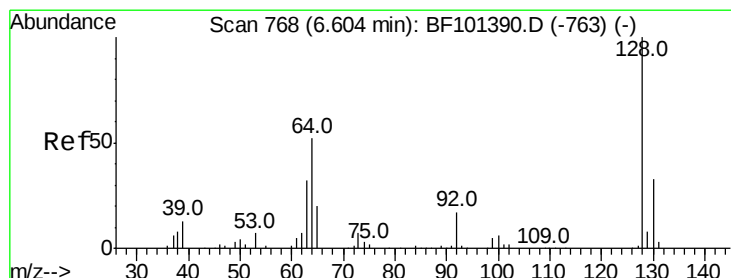
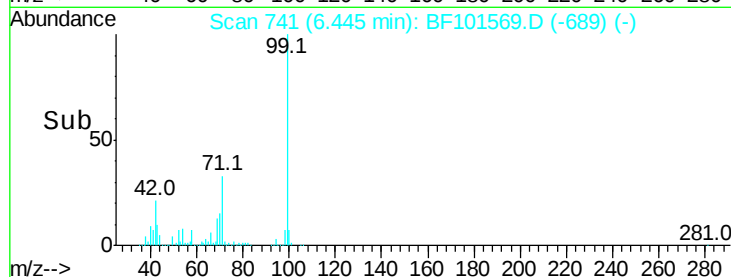
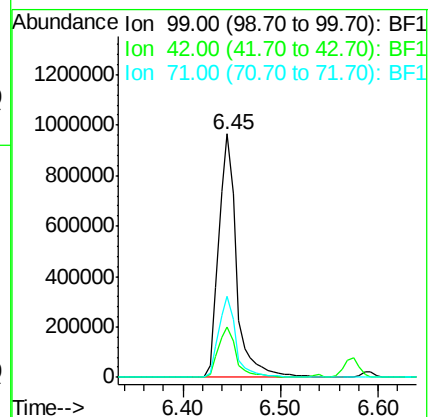
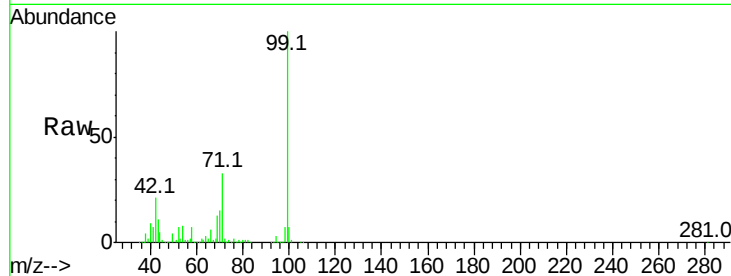
Tot Ion: 99 Resp: 1224943

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 33.0 25.4 38.0



#8

2-Chlorophenol

Concen: 39.049 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

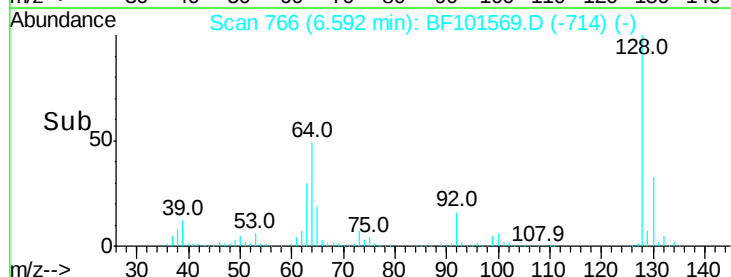
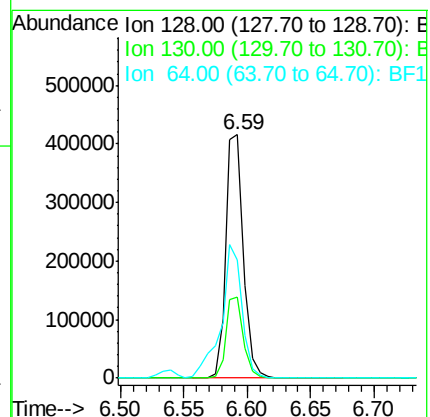
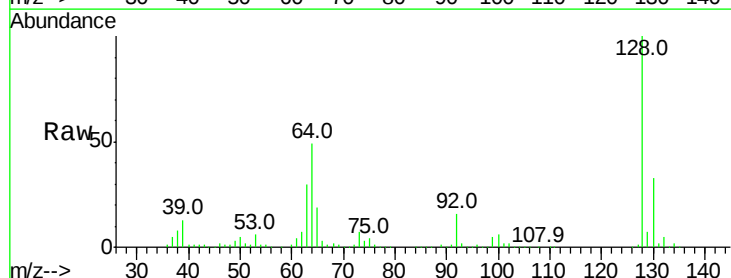
Tgt Ion: 128 Resp: 404238

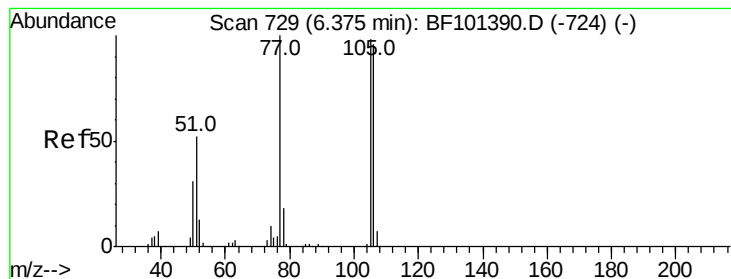
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 48.6 29.4 69.4





#9

Benzaldehyde

Concen: 29.009 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

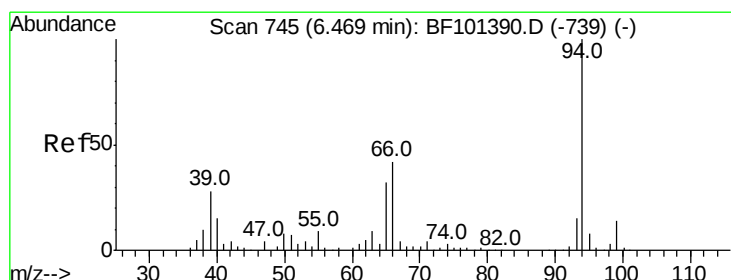
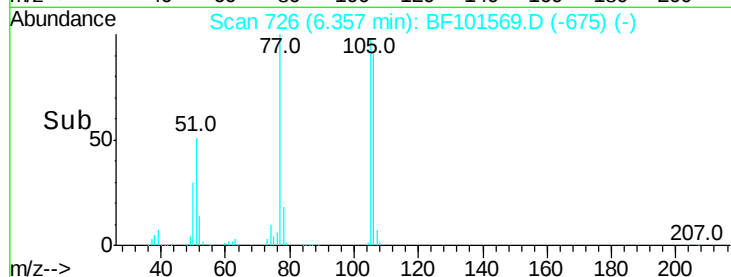
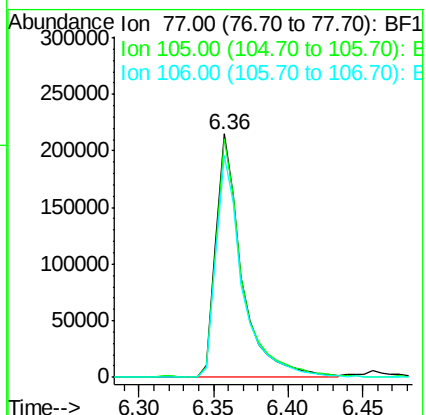
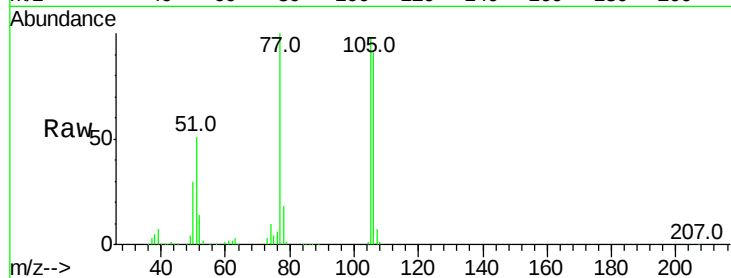
Tot Ion: 77 Resp: 262392

Ion Ratio Lower Upper

77 100

105 98.1 81.1 121.1

106 91.3 74.5 114.5



#10

Phenol

Concen: 32.374 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

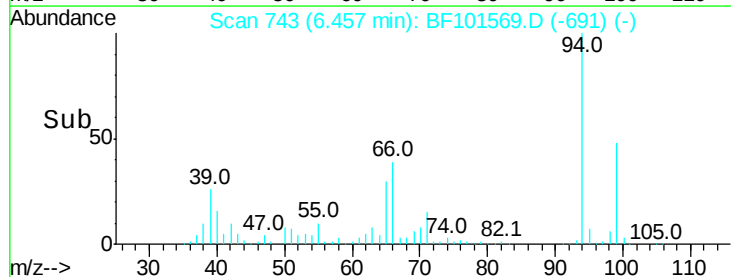
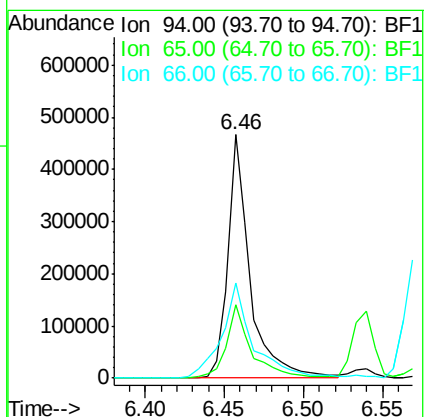
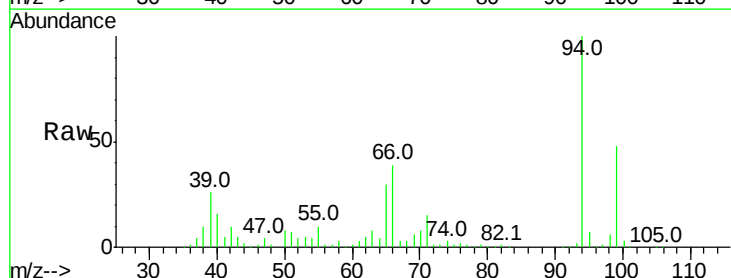
Tgt Ion: 94 Resp: 451920

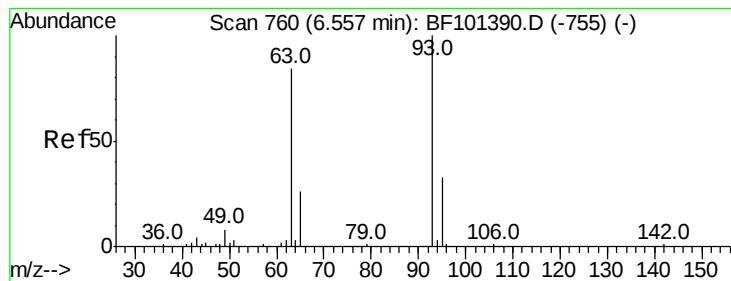
Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

66 39.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.722 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

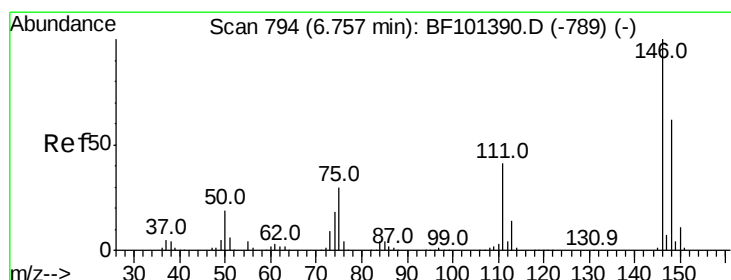
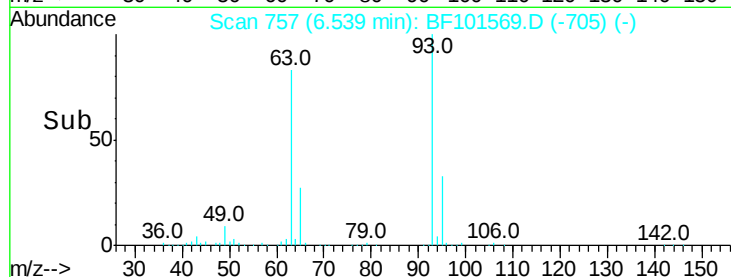
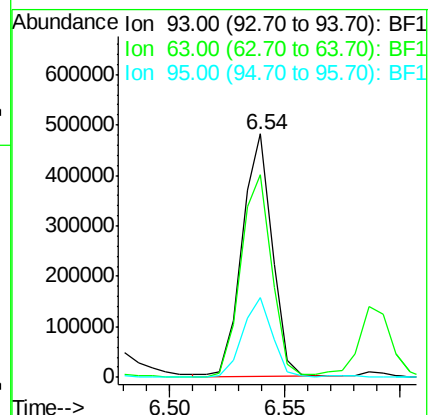
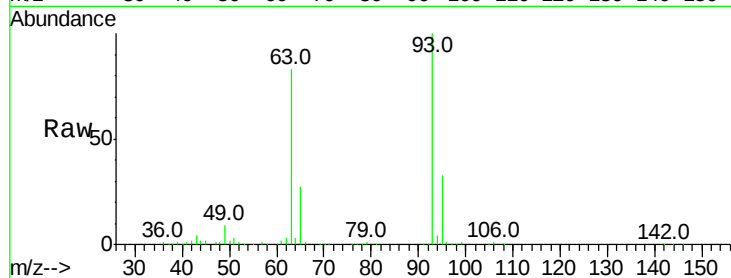
Tot Ion: 93 Resp: 434945

Ion Ratio Lower Upper

93 100

63 83.3 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.953 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

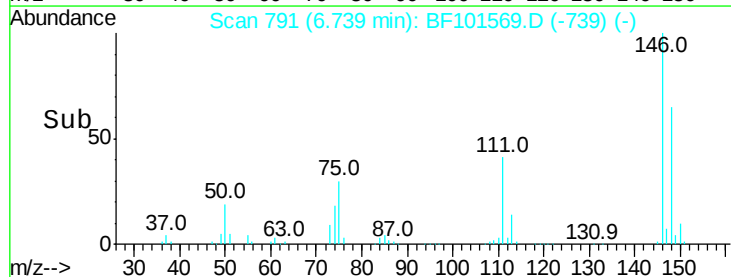
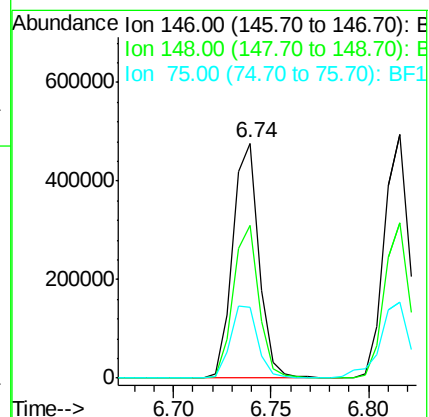
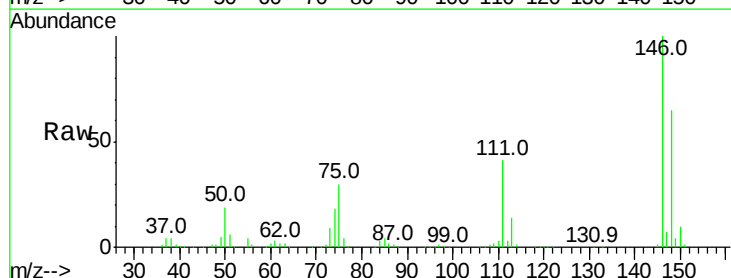
Tgt Ion: 146 Resp: 443431

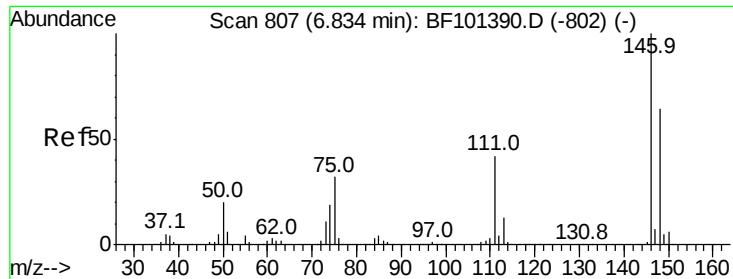
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 30.0 24.2 36.4

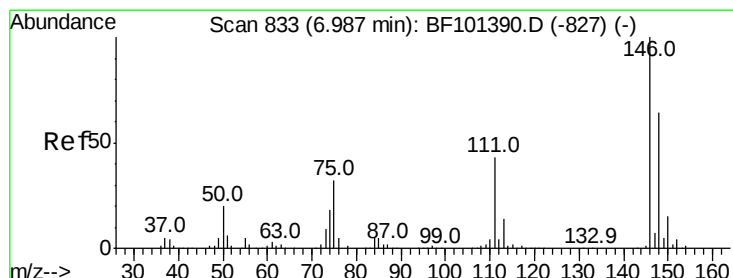
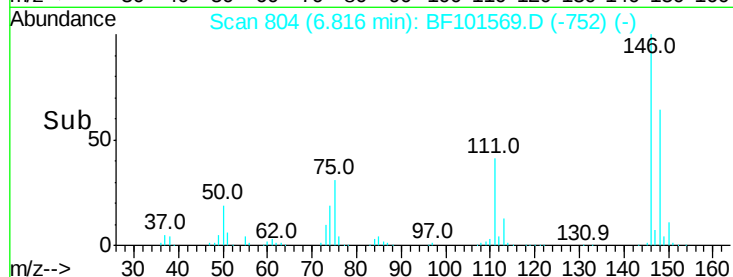
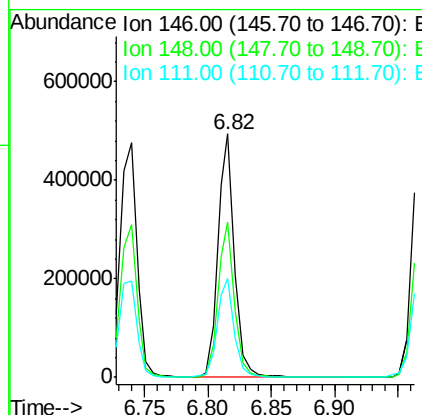
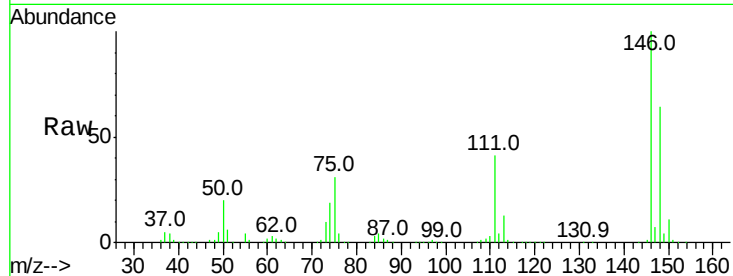




#13
 1,4-Dichlorobenzene
 Concen: 38.079 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

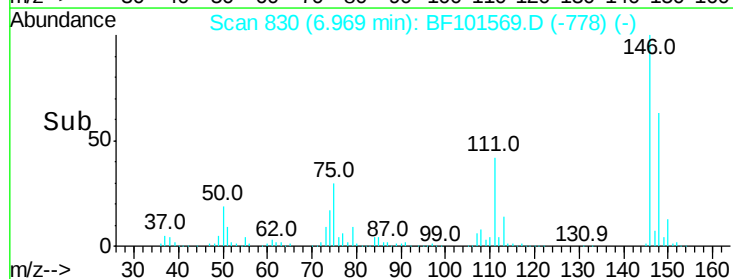
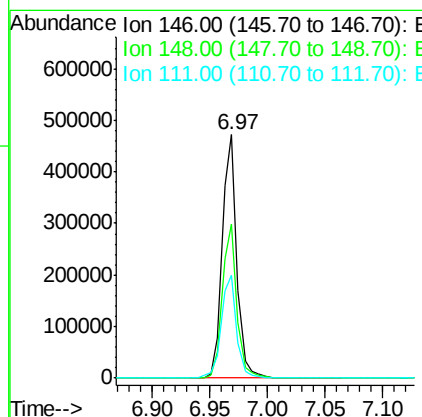
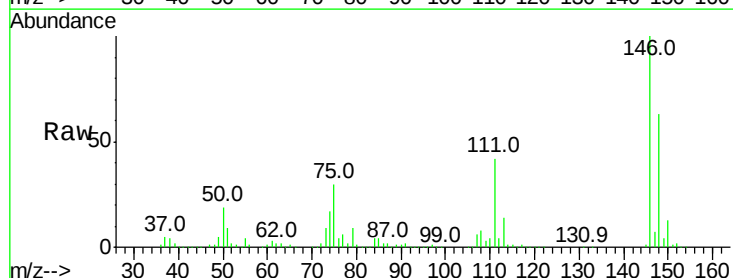
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

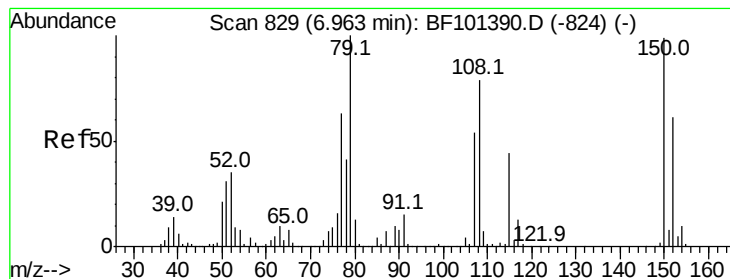
Tot Ion:146 Resp: 454322
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 40.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.341 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion:146 Resp: 411759
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 42.0 36.0 54.0

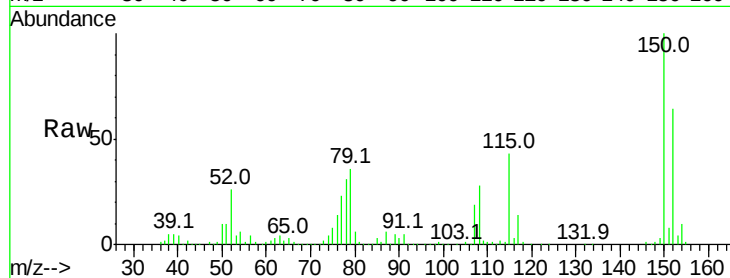




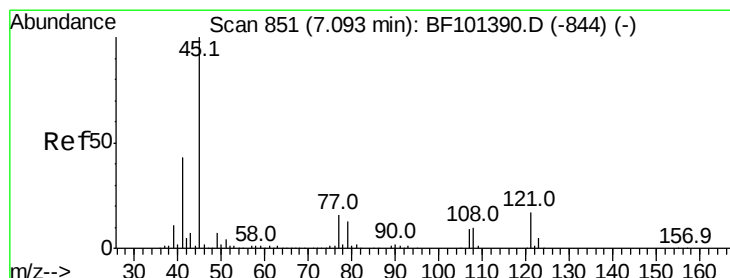
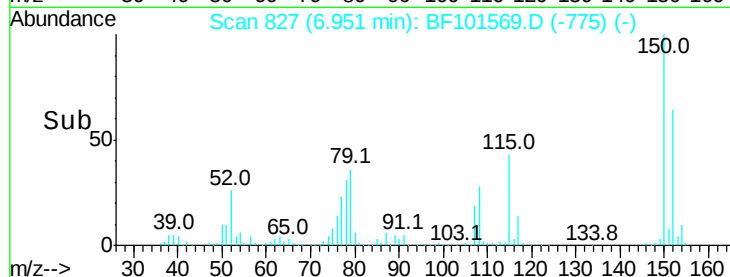
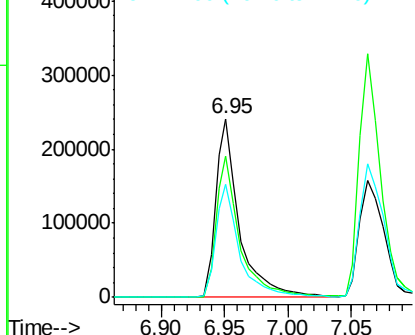
#15
Benzyl Alcohol
Concen: 37.338 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

Tot Ion: 79 Resp: 314760
Ion Ratio Lower Upper
79 100
108 79.1 65.1 97.7
77 63.6 50.6 75.8

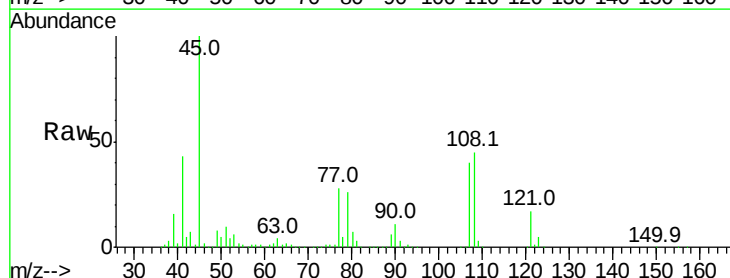


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

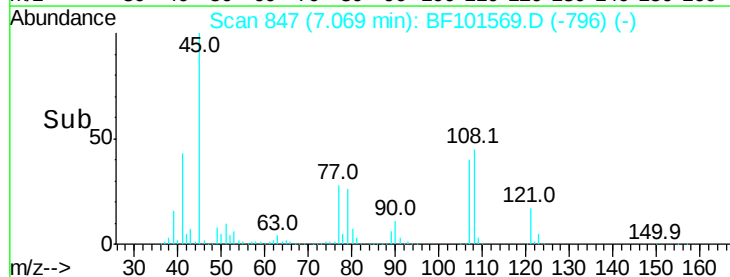
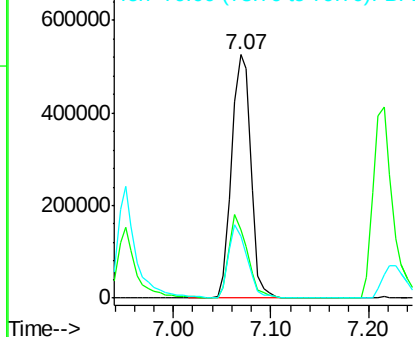


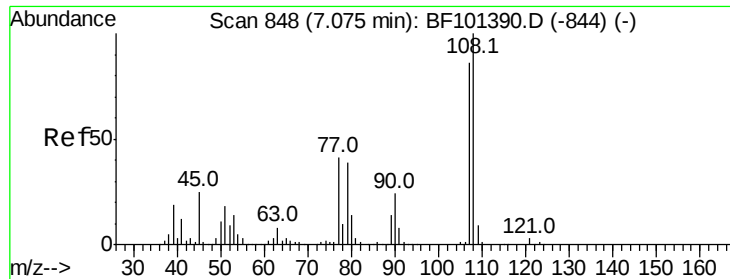
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.749 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion: 45 Resp: 716391
Ion Ratio Lower Upper
45 100
77 28.2 0.0 32.9
79 25.5 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: 35.250 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

Tot Ion:107 Resp: 335668

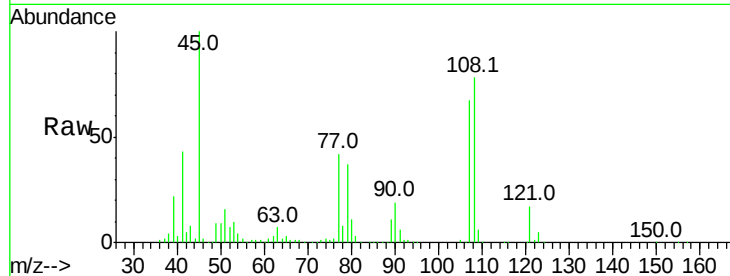
Ion Ratio Lower Upper

107 100

108 115.4 91.7 137.5

77 63.1 33.8 50.8#

79 55.2 33.8 50.8#

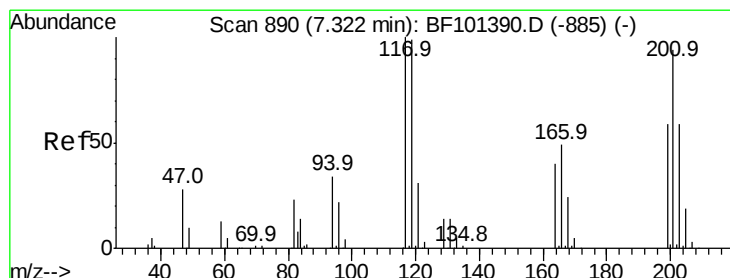
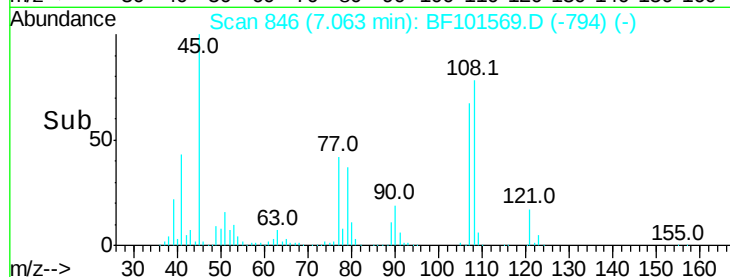
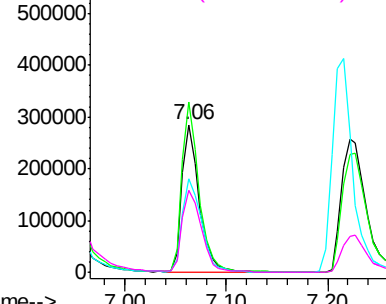


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.954 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

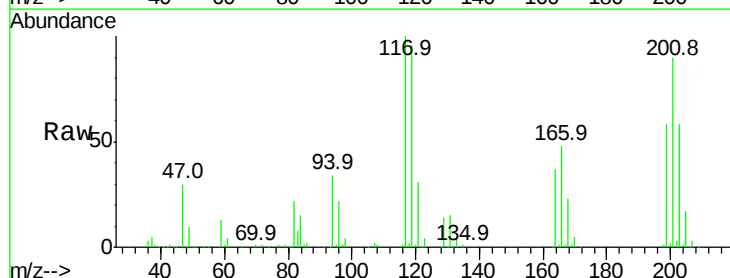
Tgt Ion:117 Resp: 161590

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

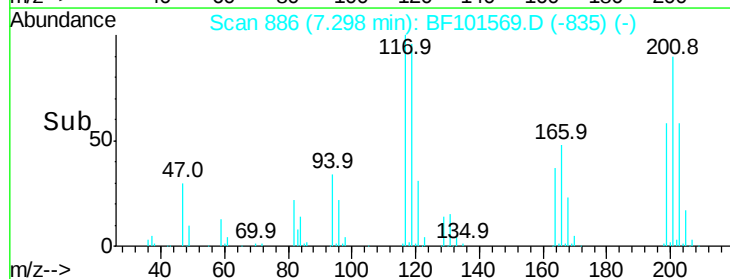
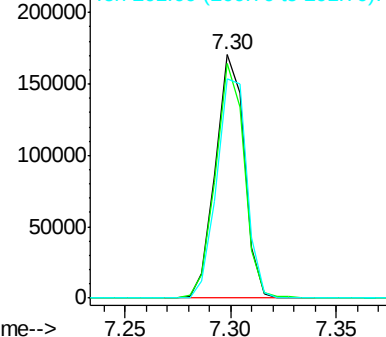
201 90.0 75.7 113.5



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: 37.400 ng

RT: 7.22 min Scan# 872

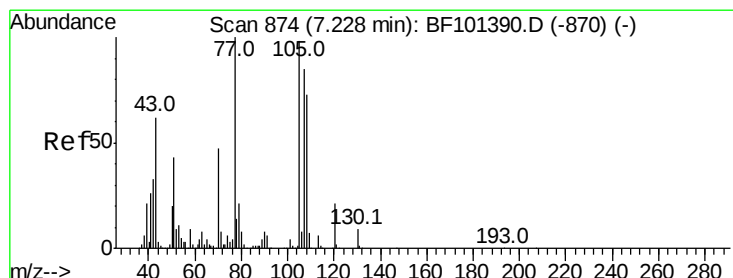
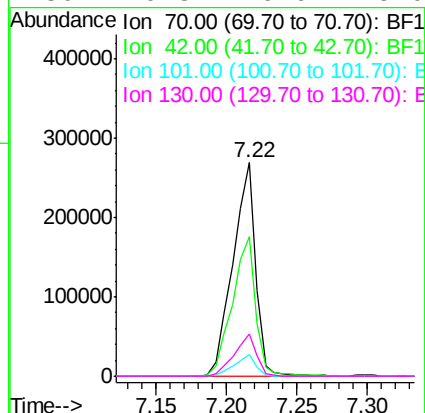
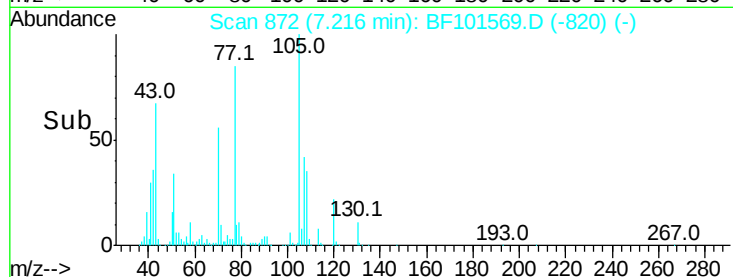
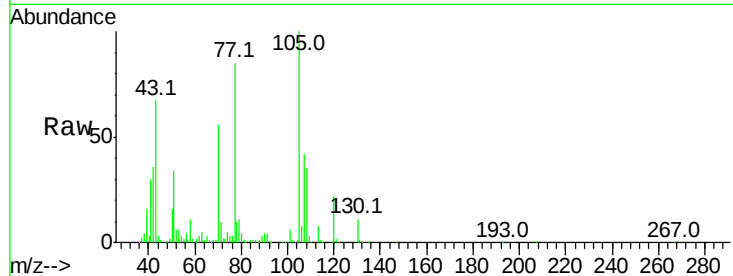
Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

Tot Ion:	70	Resp:	300814
Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.5	71.3
101	10.0	7.4	11.2
130	19.8	16.6	25.0



#20

3+4-Methylphenols

Concen: 43.536 ng

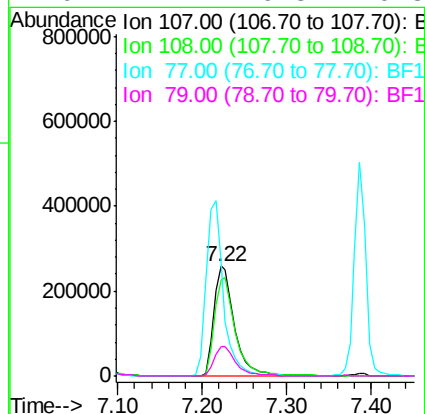
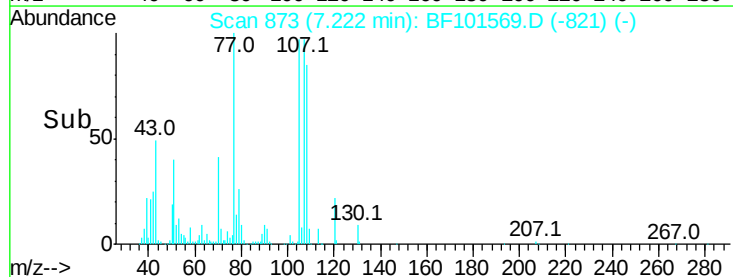
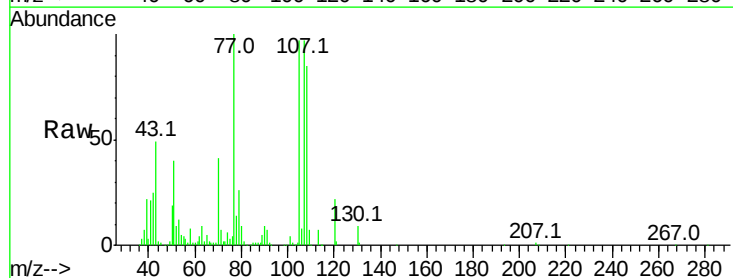
RT: 7.22 min Scan# 873

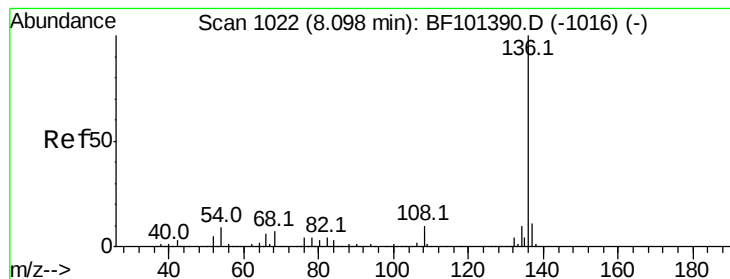
Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Tgt Ion:	107	Resp:	439308
Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	103.1	26.7	66.7#
79	27.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

Tot Ion:136 Resp: 586886

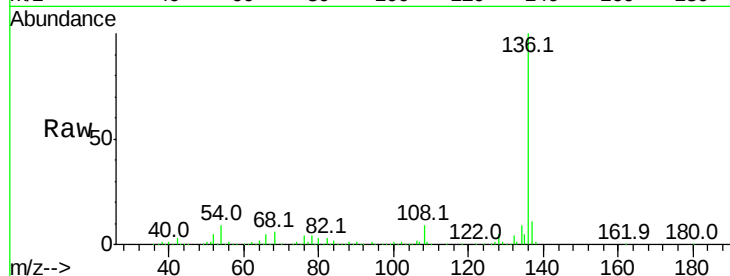
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.3 5.0 7.4

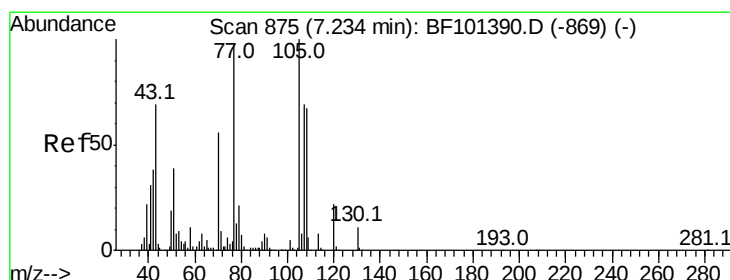
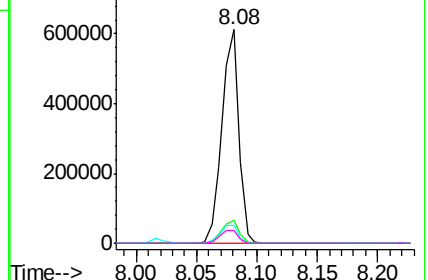
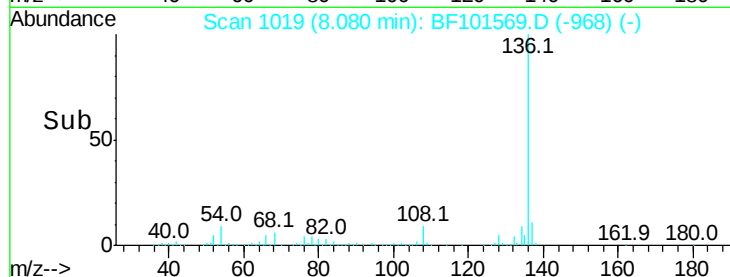


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.285 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Tgt Ion:105 Resp: 593035

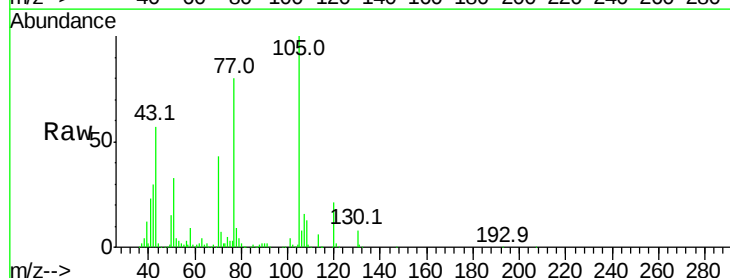
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 33.1 22.3 33.5

120 21.2 16.9 25.3

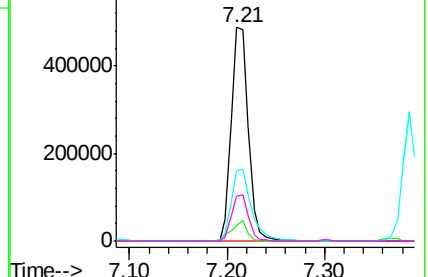
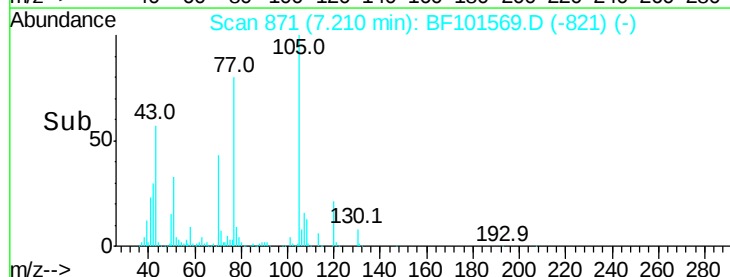


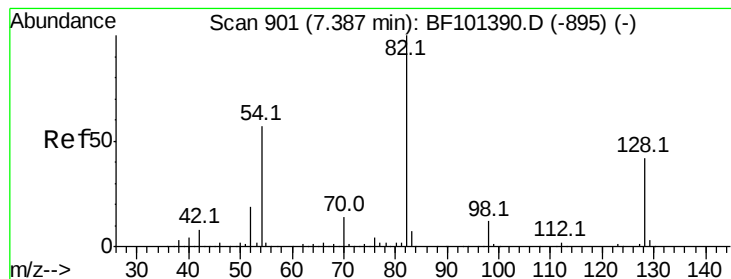
Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.259 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

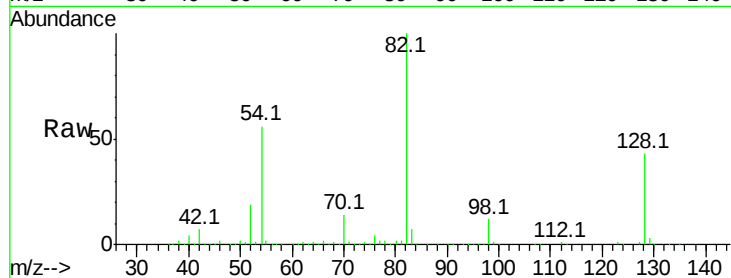
Tot Ion: 82 Resp: 919974

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

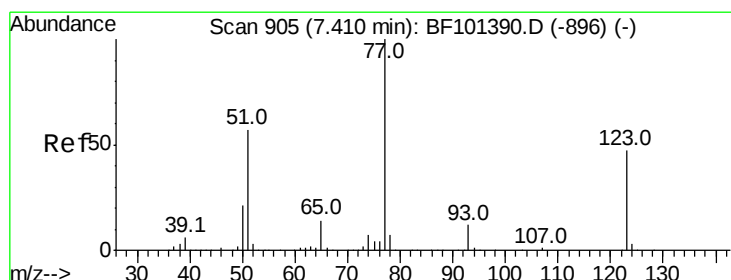
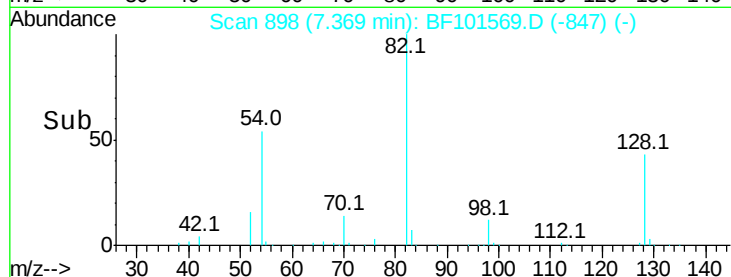
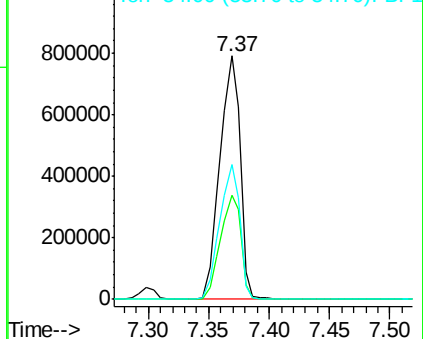
54 55.5 41.4 62.2



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: 41.063 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

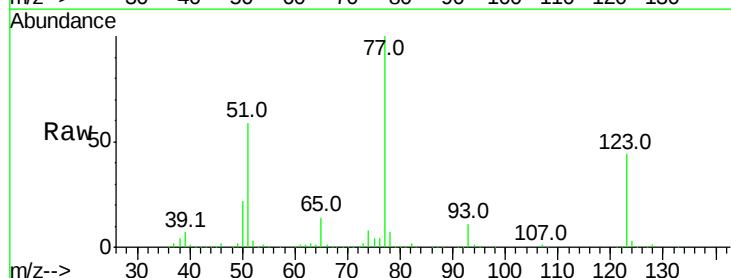
Tgt Ion: 77 Resp: 479142

Ion Ratio Lower Upper

77 100

123 43.9 37.9 56.9

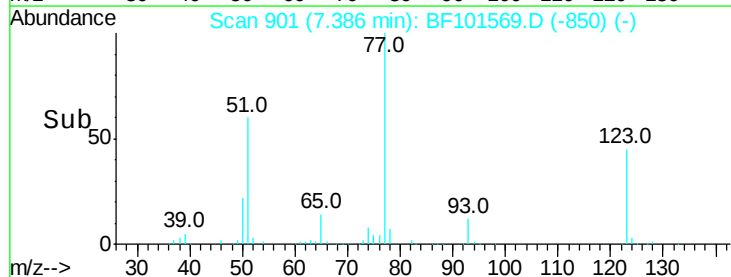
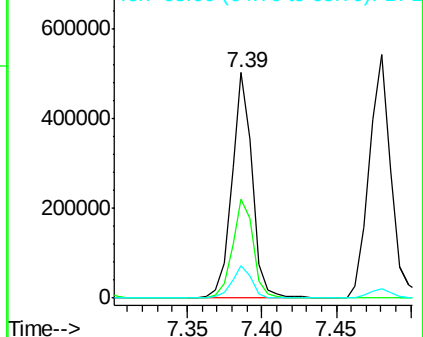
65 14.2 11.0 16.4

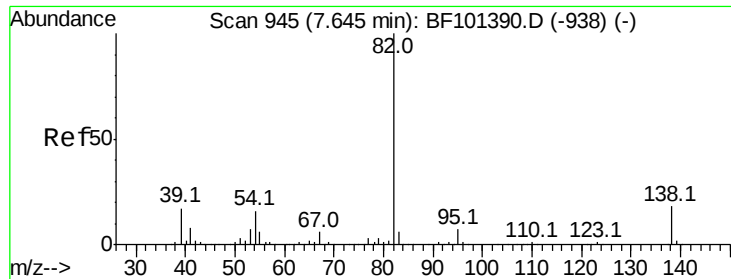


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.093 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

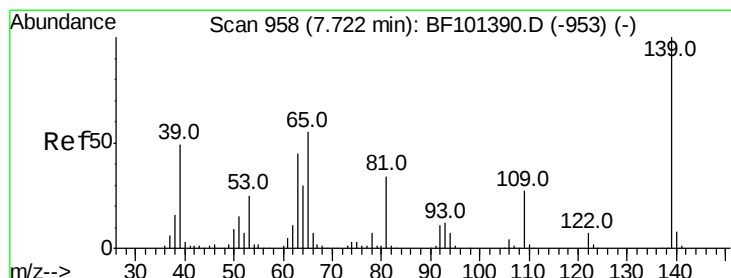
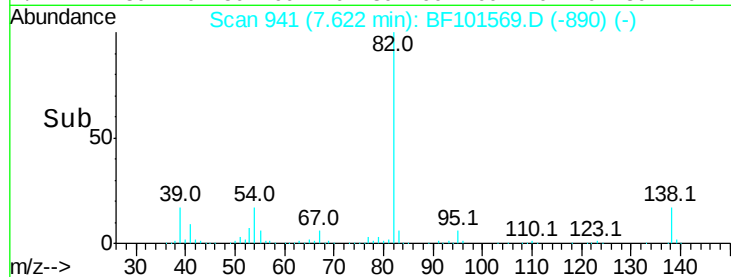
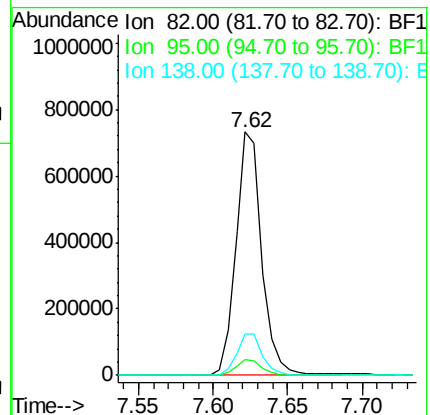
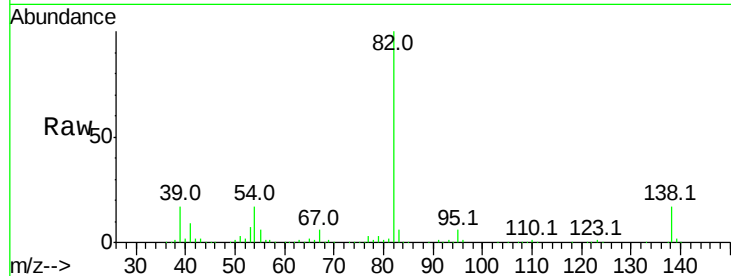
Tot Ion: 82 Resp: 890262

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.9 14.9 22.3



#26

2-Nitrophenol

Concen: 45.425 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

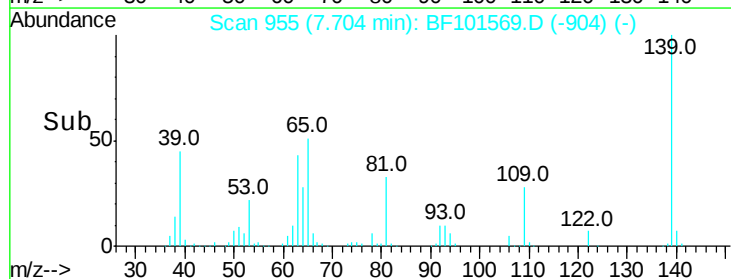
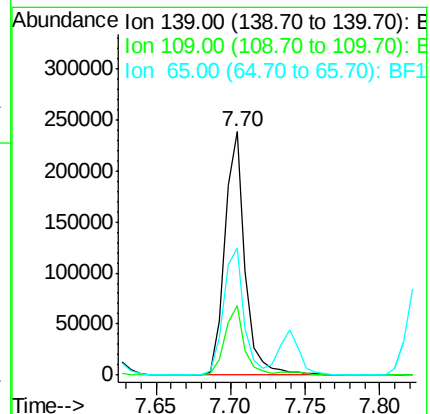
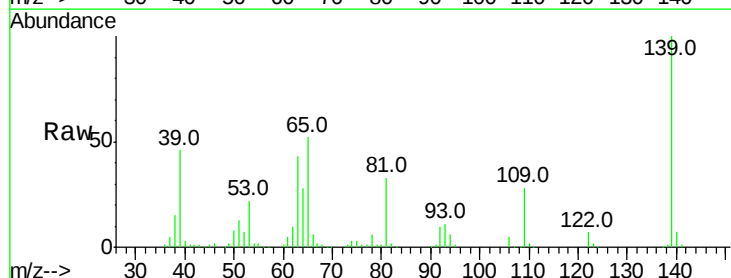
Tgt Ion: 139 Resp: 227716

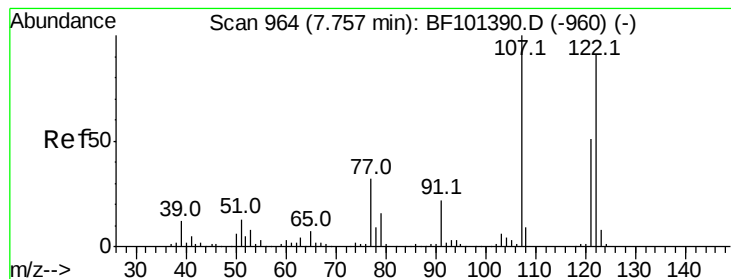
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 52.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.873 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

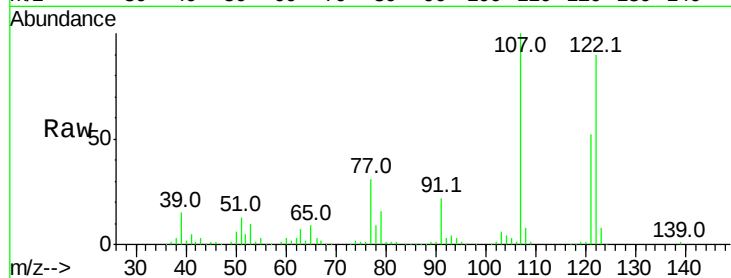
Tot Ion:122 Resp: 373641

Ion Ratio Lower Upper

122 100

107 110.9 91.2 136.8

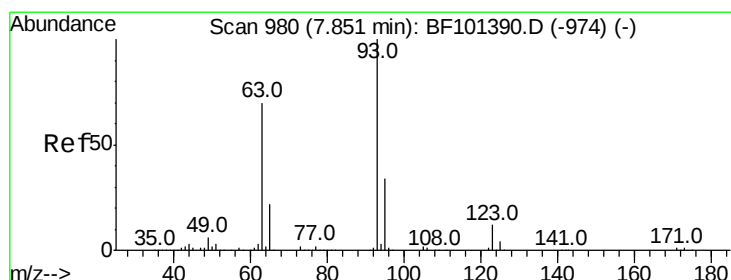
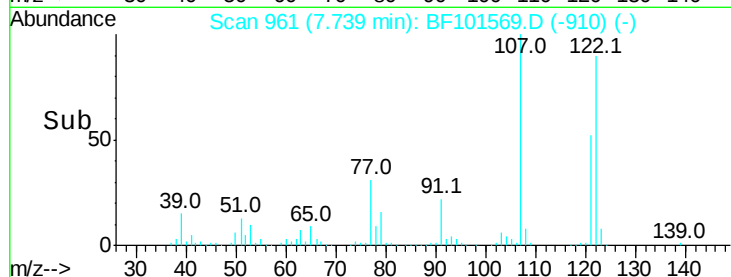
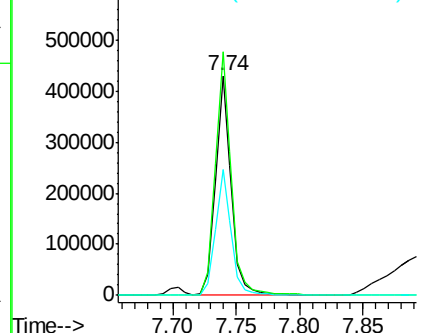
121 57.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.377 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

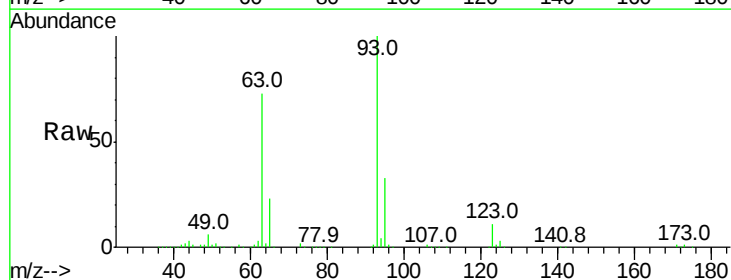
Tgt Ion: 93 Resp: 555901

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

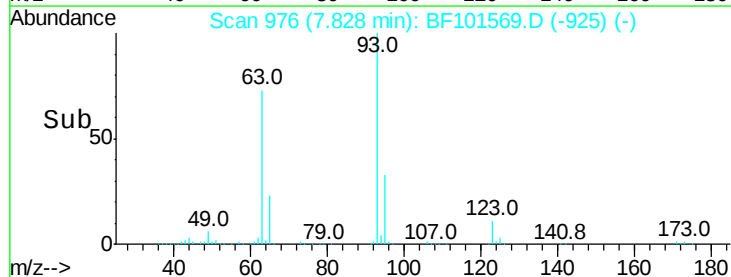
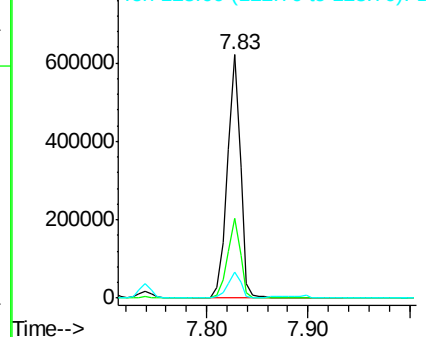
123 10.8 9.8 14.6

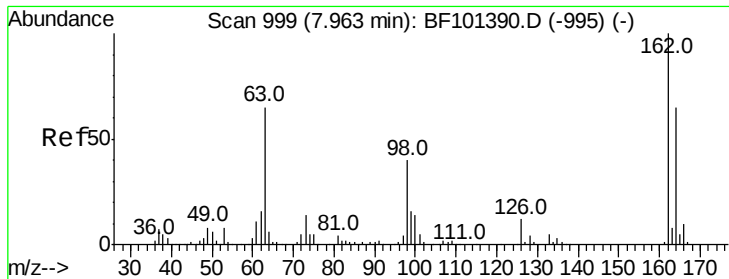


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

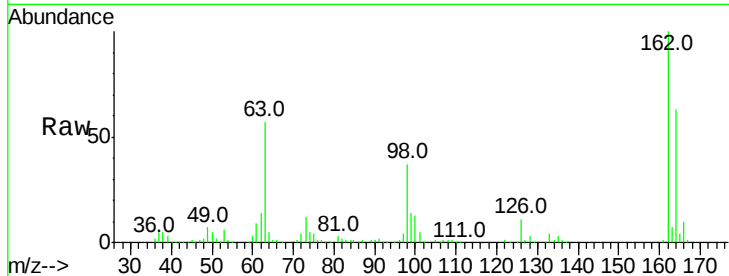




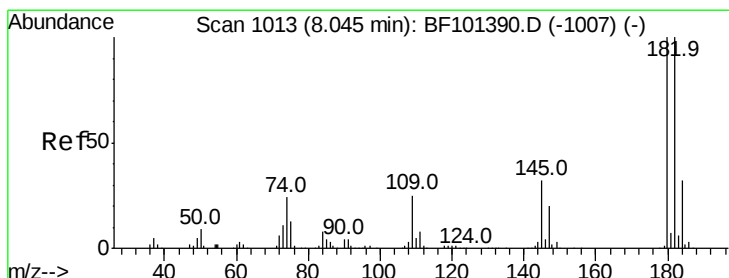
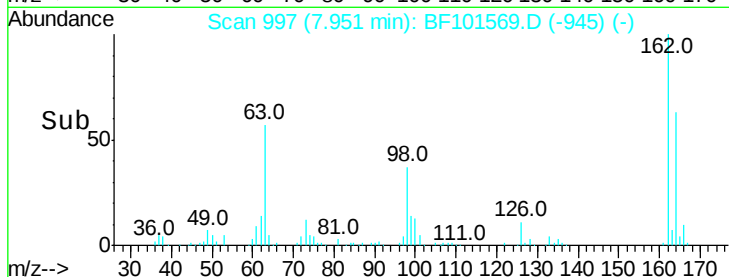
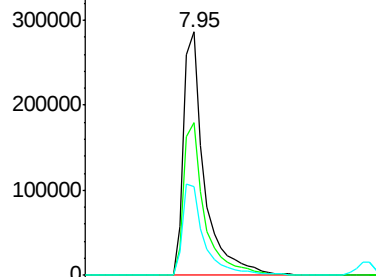
#29
 2,4-Dichlorophenol
 Concen: 42.477 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

Tot Ion:	162	Resp:	357397
Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.7	82.7
98	36.6	18.1	58.1

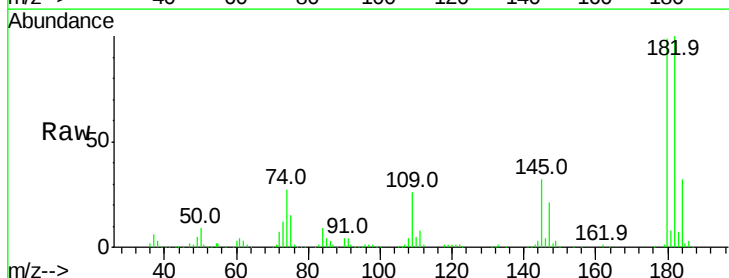


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

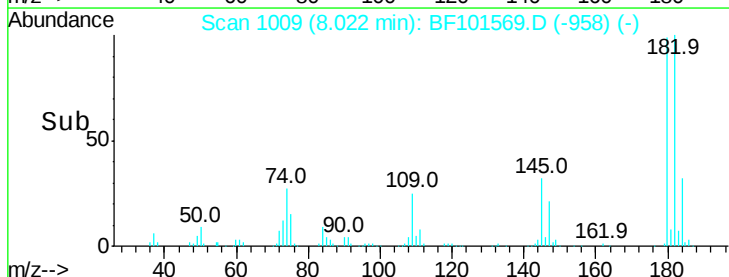
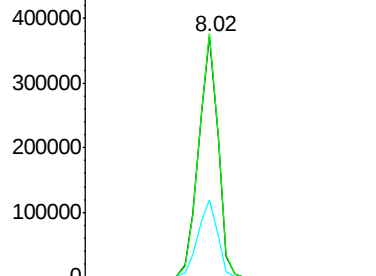


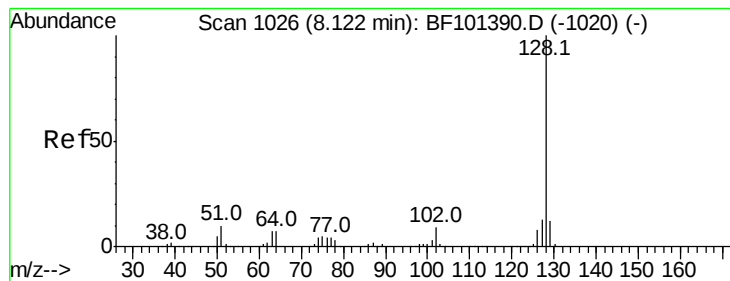
#30
 1,2,4-Trichlorobenzene
 Concen: 39.896 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion:	180	Resp:	354239
Ion	Ratio	Lower	Upper
180	100		
182	101.2	76.8	115.2
145	32.3	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: 40.406 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

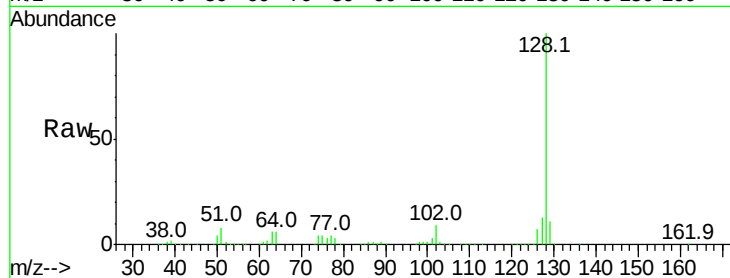
Tot Ion:128 Resp: 1193842

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

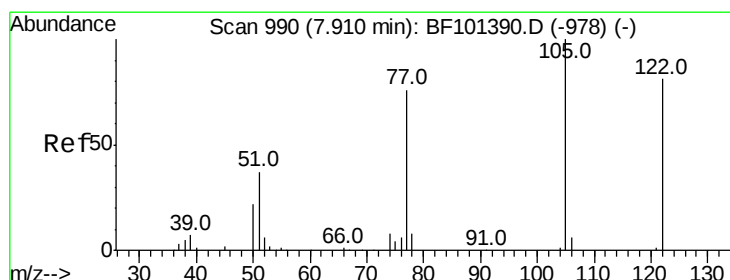
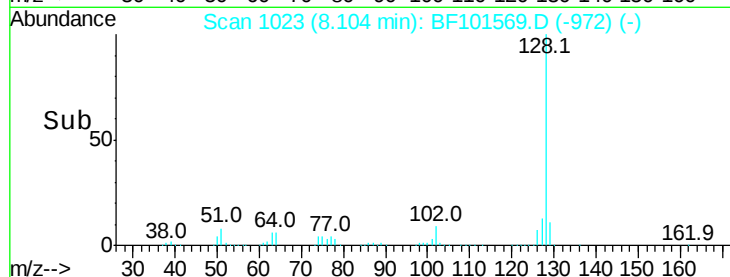
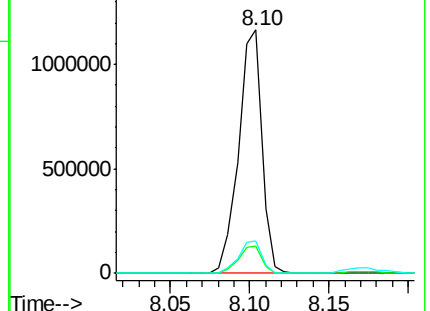
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.605 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

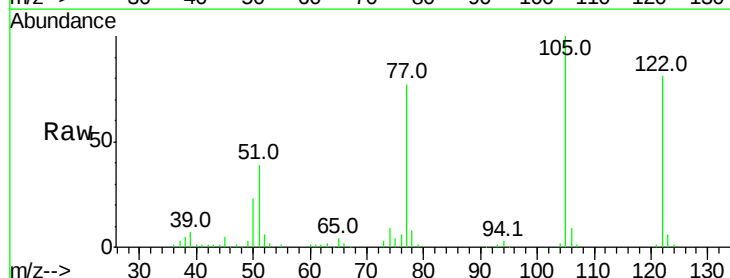
Tgt Ion:122 Resp: 190173

Ion Ratio Lower Upper

122 100

105 123.5 101.1 141.1

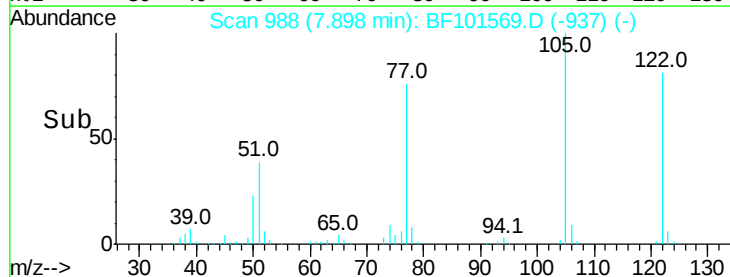
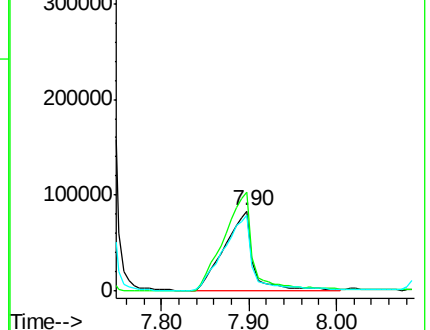
77 94.9 70.7 110.7

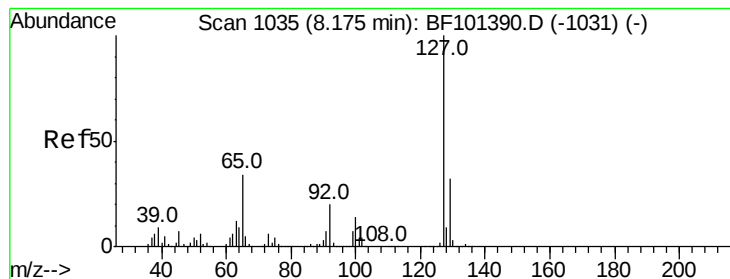


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 3.880 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

Tot Ion:127 Resp: 49832

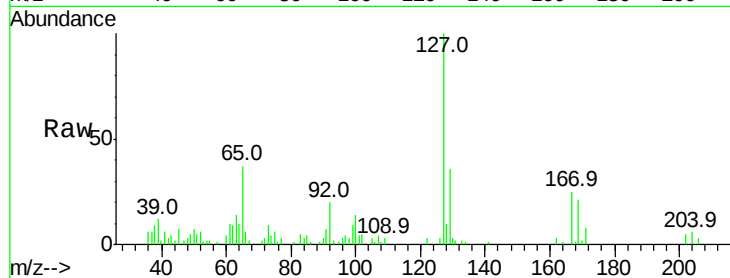
Ion Ratio Lower Upper

127 100

129 36.1 25.9 38.9

65 37.4 25.0 37.4#

92 19.6 15.2 22.8

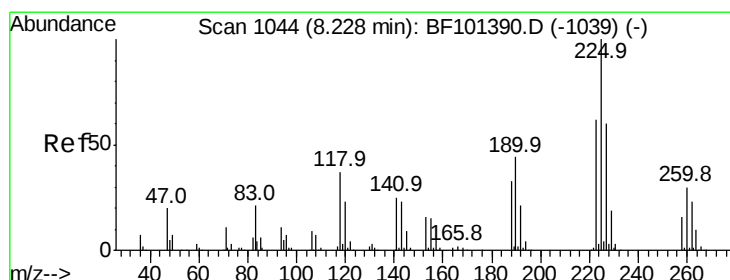
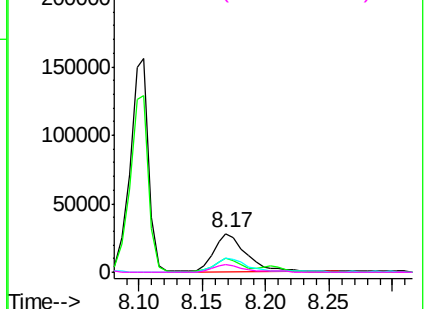
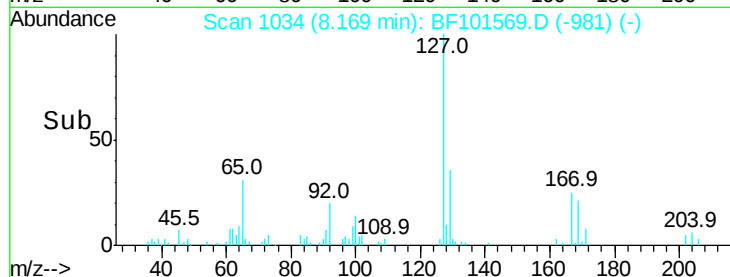


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.695 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

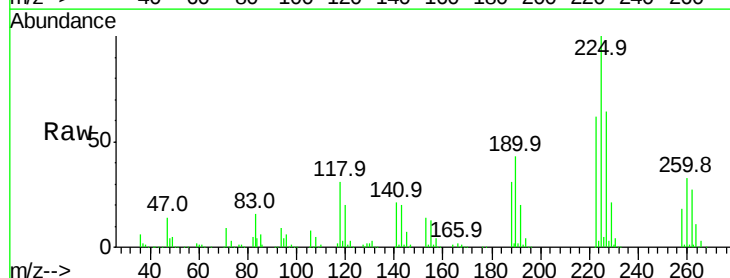
Tgt Ion:225 Resp: 203848

Ion Ratio Lower Upper

225 100

223 61.7 50.6 76.0

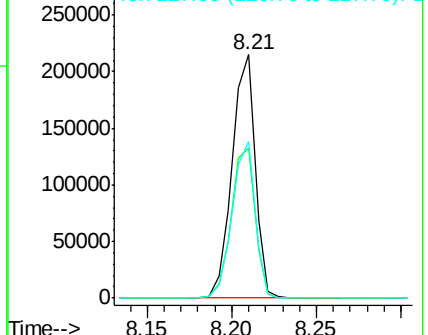
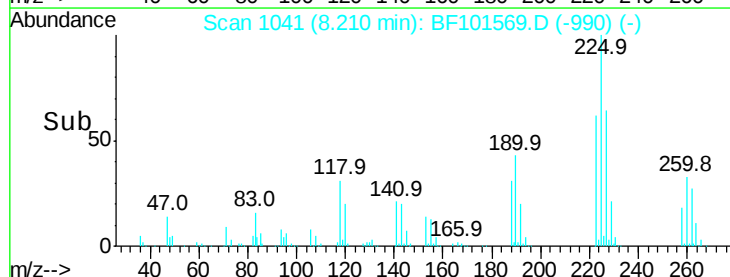
227 64.1 51.9 77.9

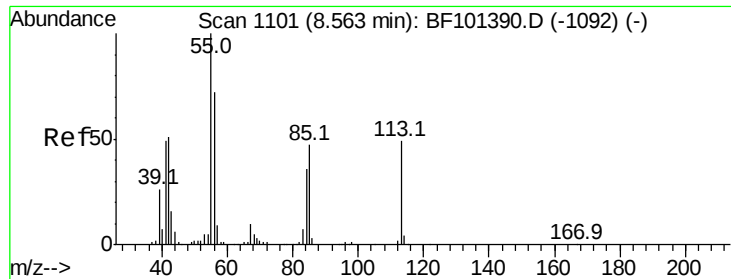


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

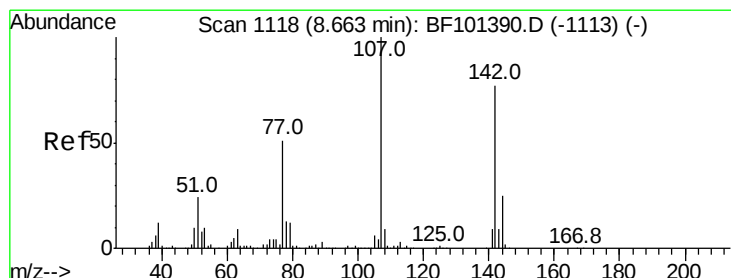
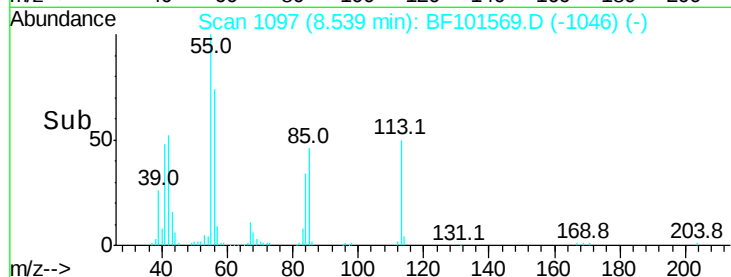
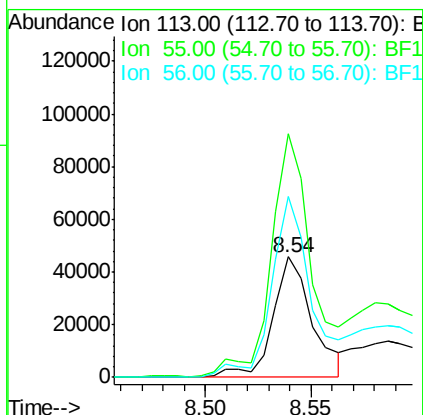
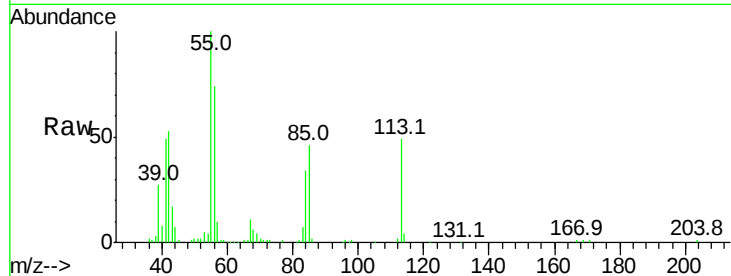




#35
 Caprolactam
 Concen: 20.225 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

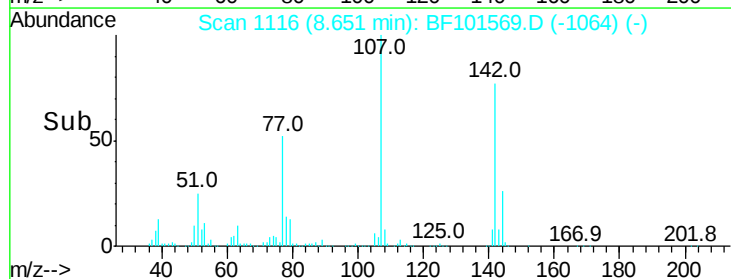
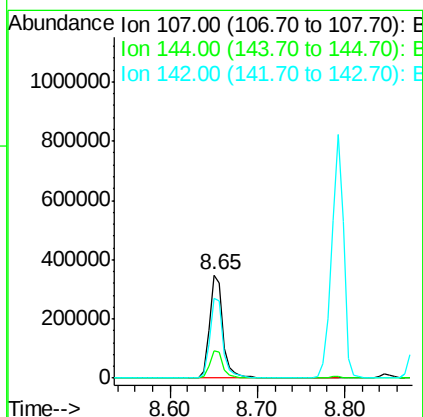
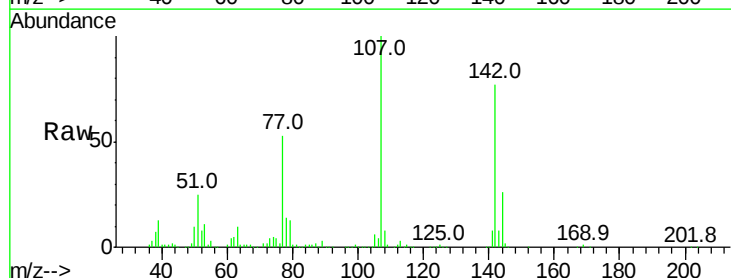
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

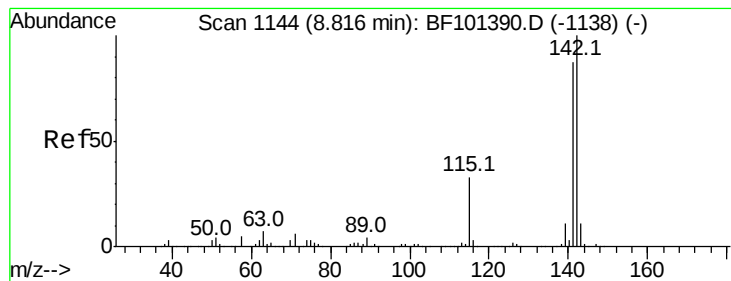
Tot Ion:113 Resp: 59089
 Ion Ratio Lower Upper
 113 100
 55 202.7 163.3 203.3
 56 150.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.281 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion:107 Resp: 372502
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 77.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 40.778 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

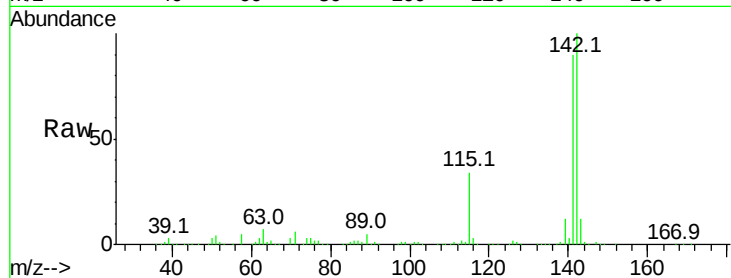
Tot Ion:142 Resp: 784968

Ion Ratio Lower Upper

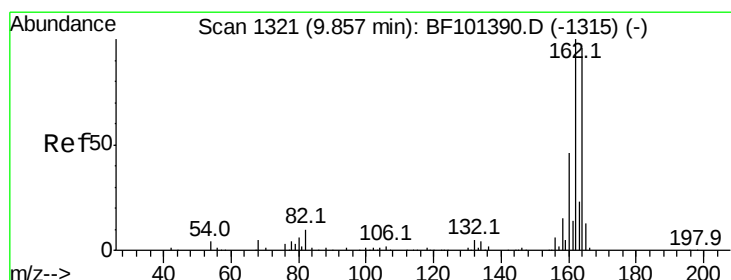
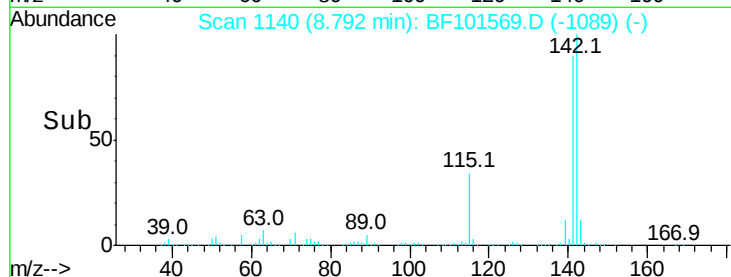
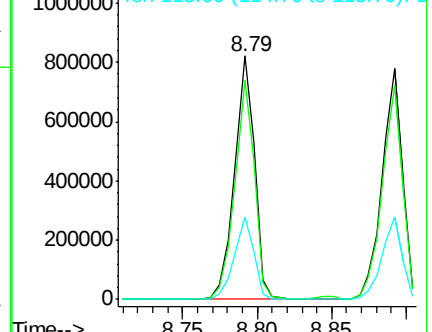
142 100

141 90.0 70.8 106.2

115 33.7 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: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

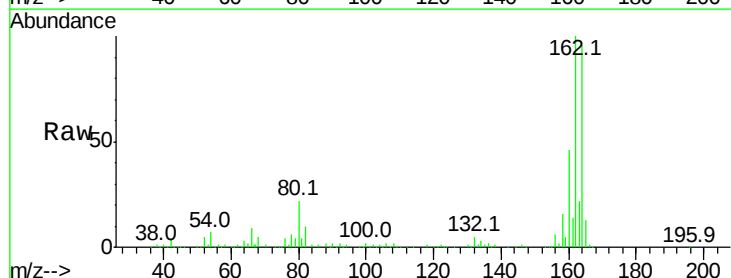
Tgt Ion:164 Resp: 253611

Ion Ratio Lower Upper

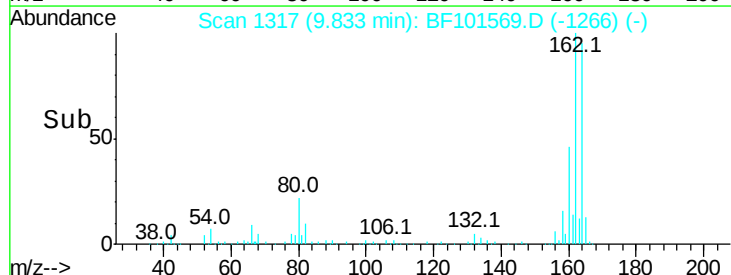
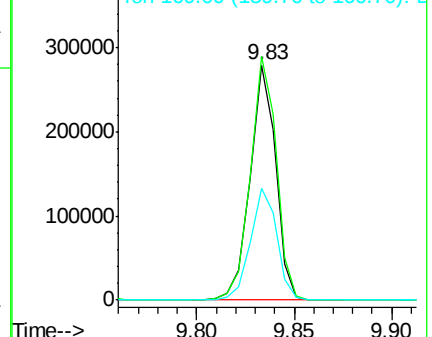
164 100

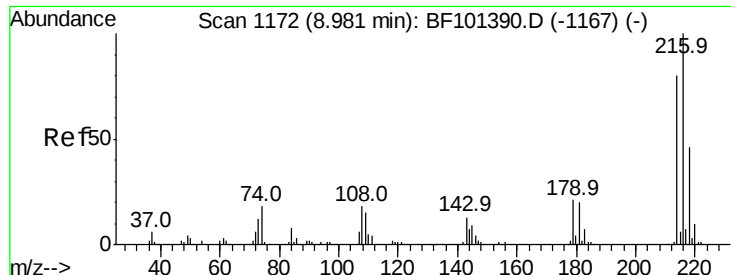
162 103.8 86.1 129.1

160 47.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

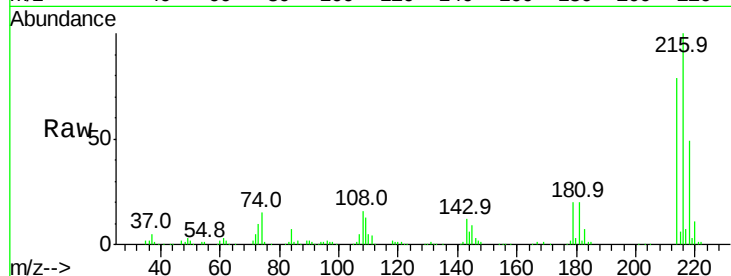




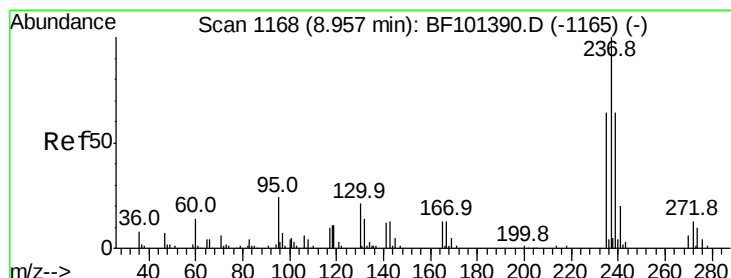
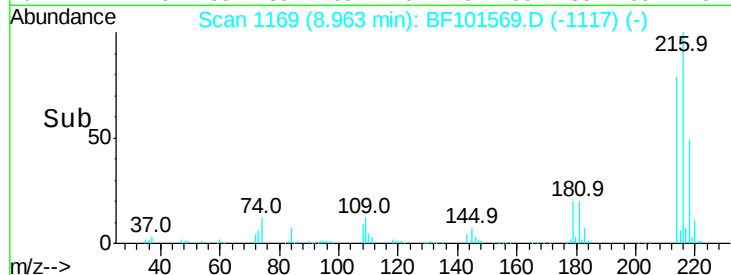
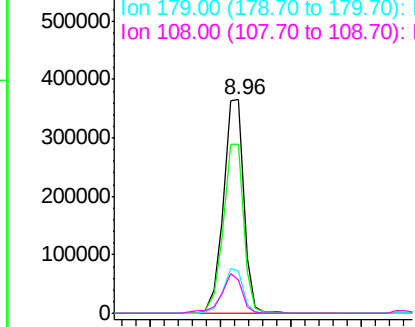
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.865 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

Tot Ion:	216	Resp:	367032
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.3	18.1	27.1
108	18.4	17.2	25.8

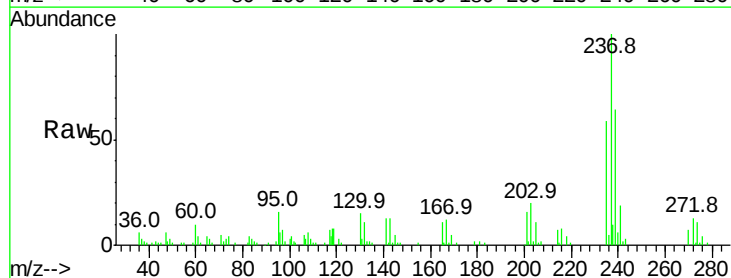


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

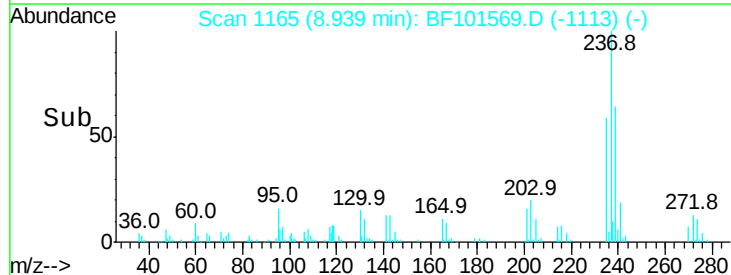
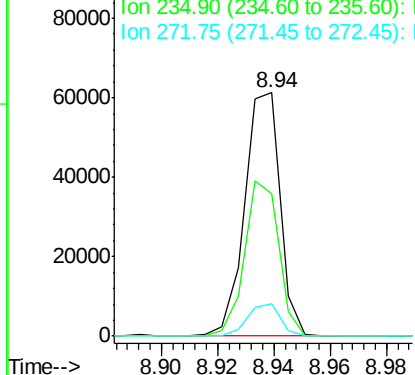


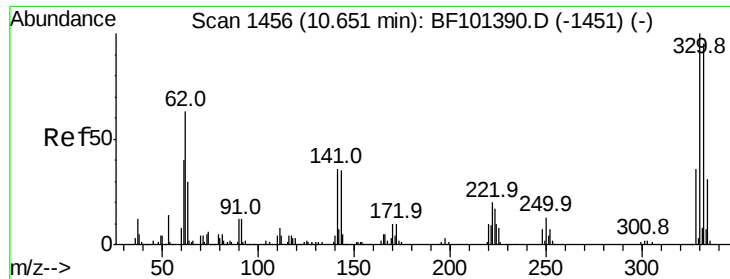
#40
 Hexachlorocyclopentadiene
 Concen: 43.403 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion:	237	Resp:	53655
Ion	Ratio	Lower	Upper
237	100		
235	58.6	44.8	84.8
272	13.2	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

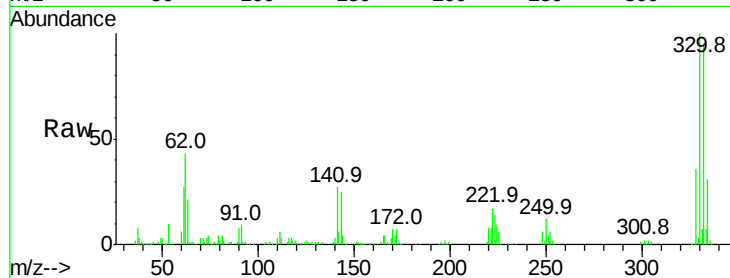




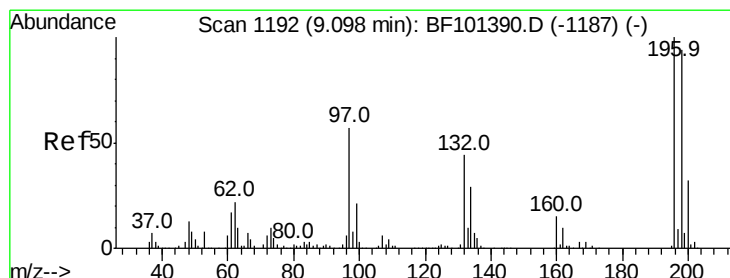
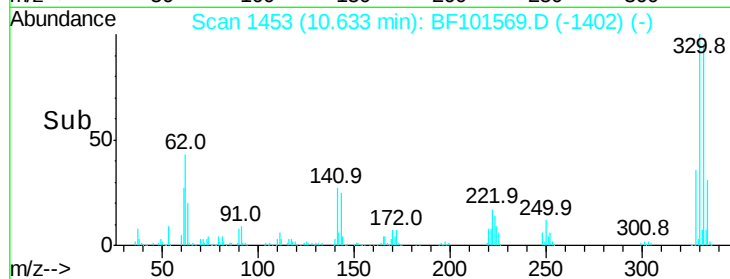
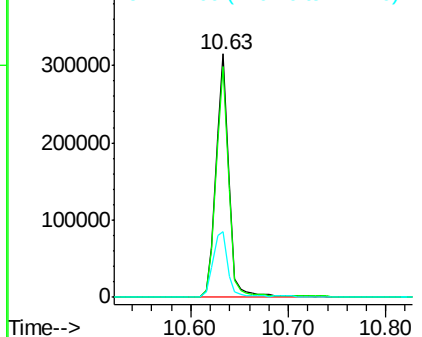
#41
 2,4,6-Tribromophenol
 Concen: 119.157 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.3	29.9	44.9

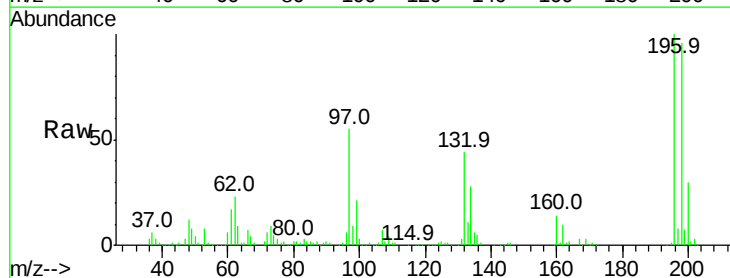


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

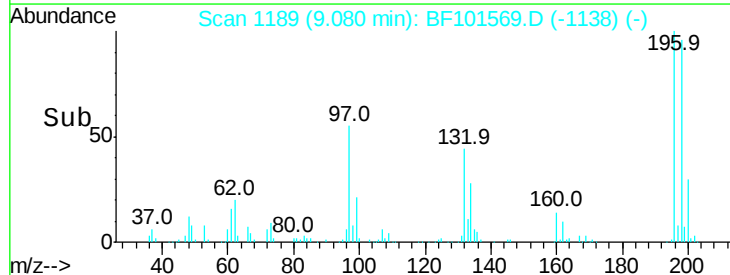
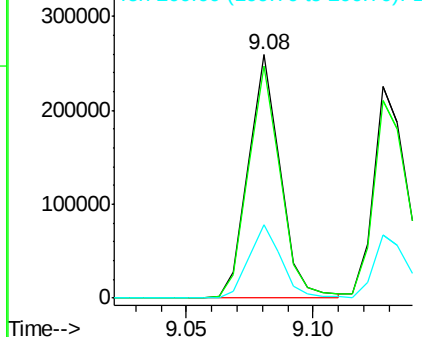


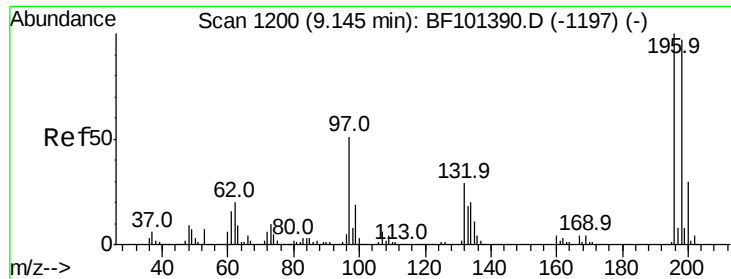
#42
 2,4,6-Trichlorophenol
 Concen: 44.457 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	30.4	24.5	36.7



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

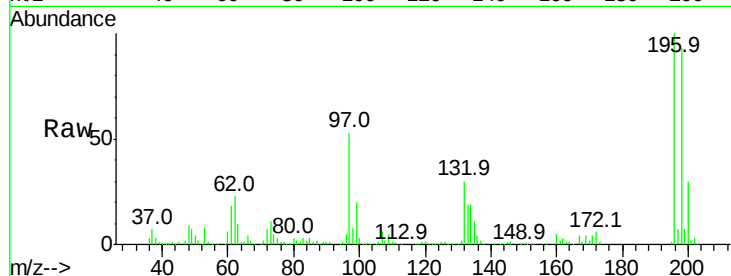




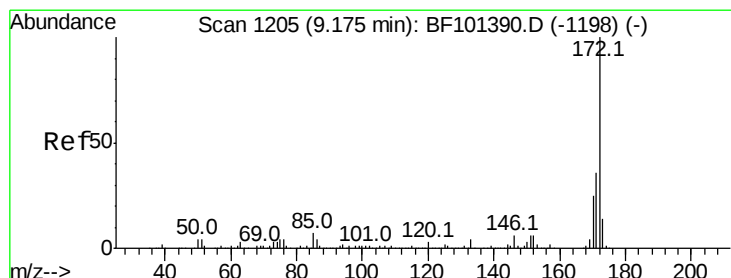
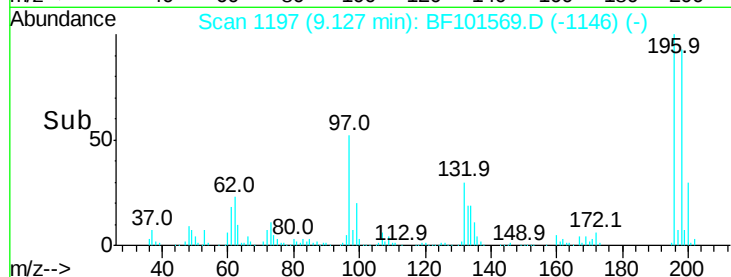
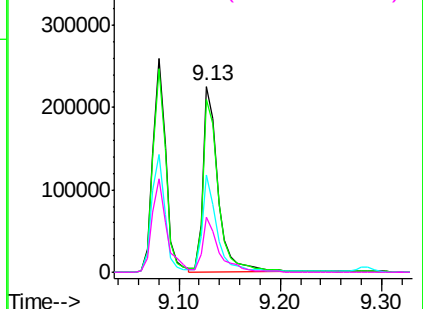
#43
 2,4,5-Trichlorophenol
 Concen: 41.383 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

Tot Ion:	196	Resp:	233577
Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	52.7	42.9	64.3
132	29.6	26.3	39.5

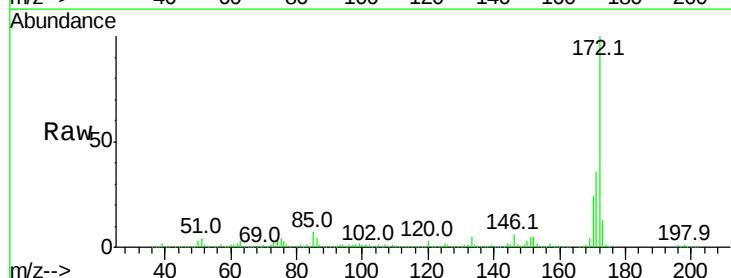


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

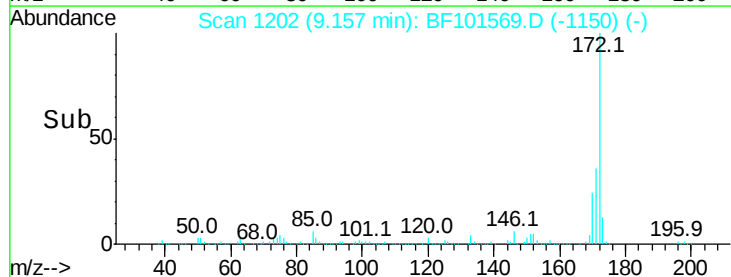
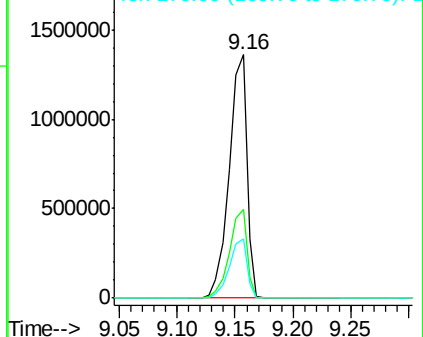


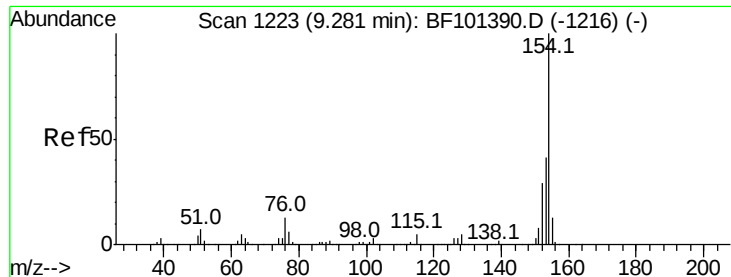
#44
 2-Fluorobiphenyl
 Concen: 88.750 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion:	172	Resp:	1450969
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 41.874 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

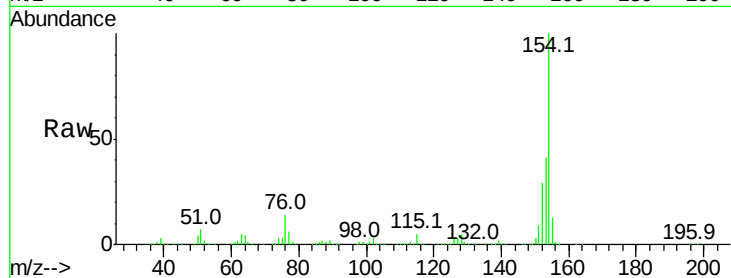
Tot Ion:154 Resp: 941813

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

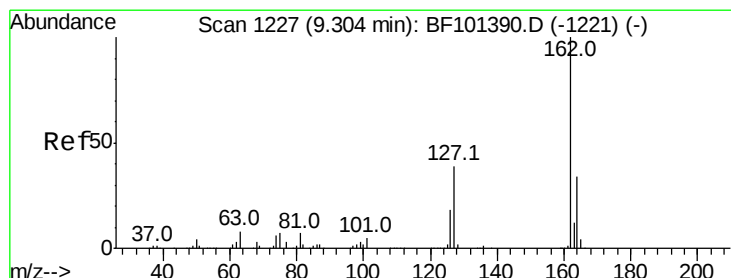
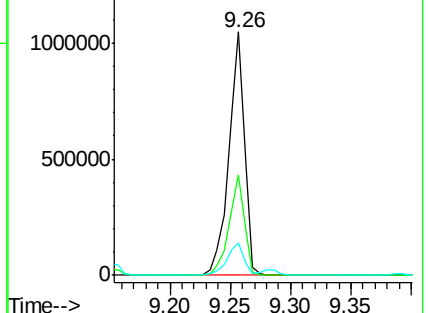
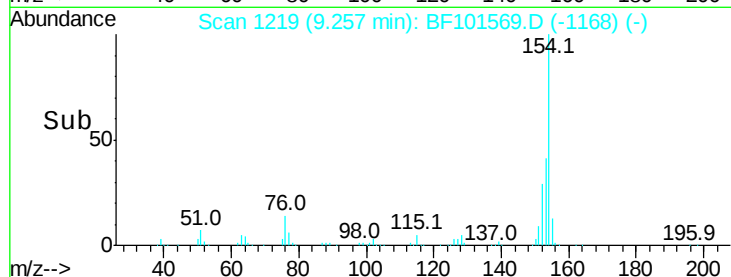
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.927 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

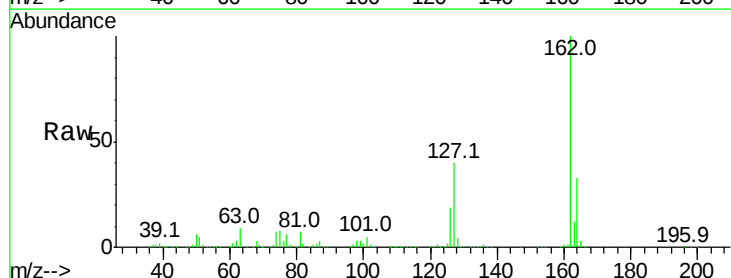
Tgt Ion:162 Resp: 704329

Ion Ratio Lower Upper

162 100

127 39.8 33.9 50.9

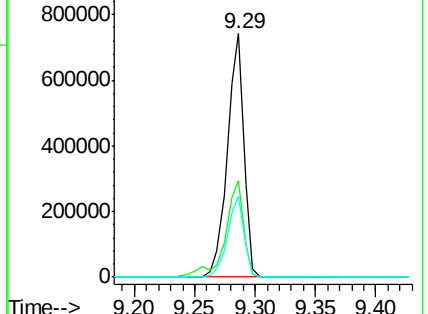
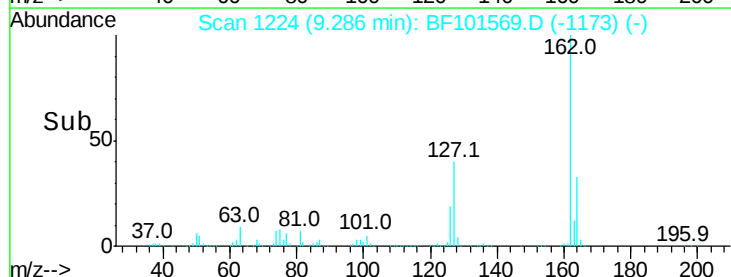
164 33.1 26.5 39.7

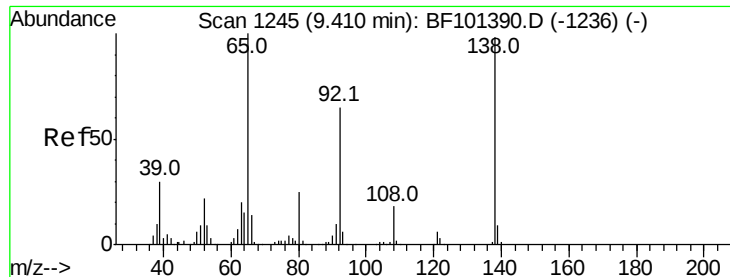


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.921 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

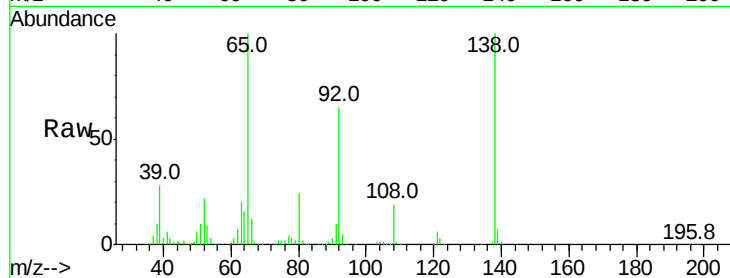
Tot Ion: 65 Resp: 255168

Ion Ratio Lower Upper

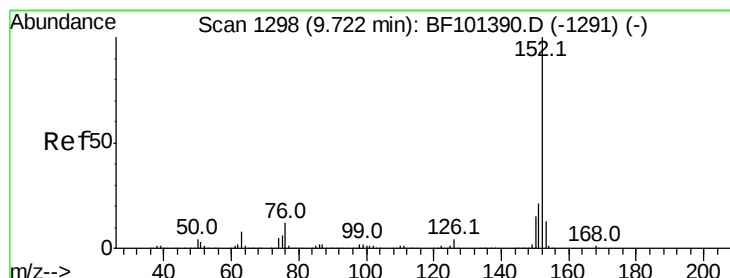
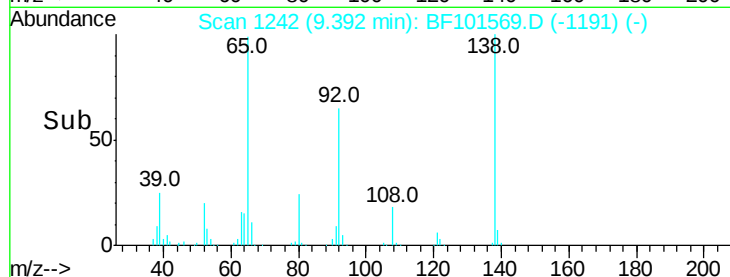
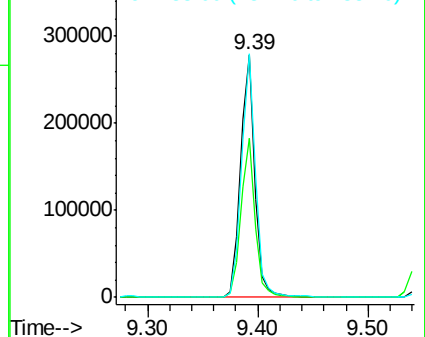
65 100

92 65.5 55.8 83.6

138 100.3 91.2 136.8



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



#48

Acenaphthylene

Concen: 37.575 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

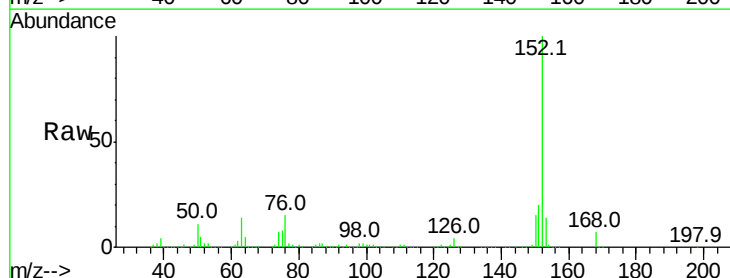
Tgt Ion: 152 Resp: 1021354

Ion Ratio Lower Upper

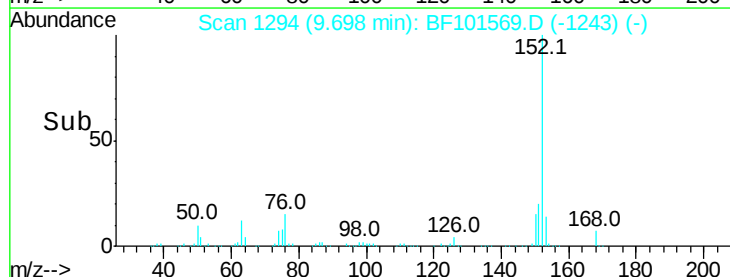
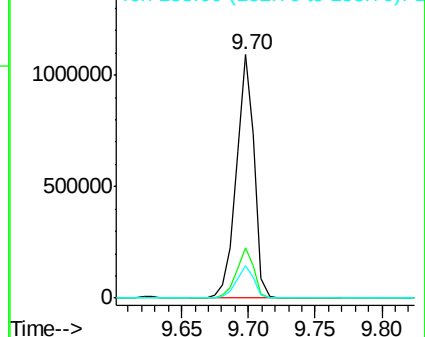
152 100

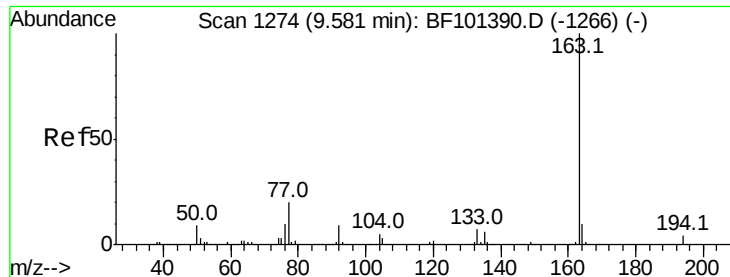
151 20.4 16.3 24.5

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 39.444 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

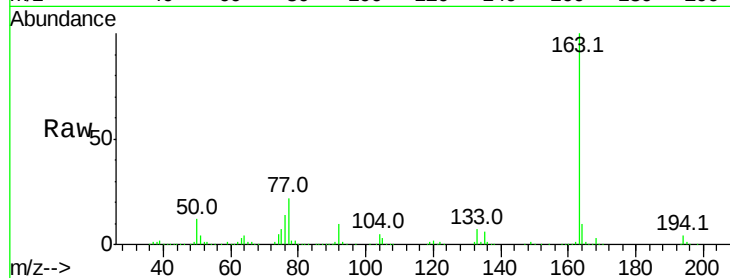
Tot Ion:163 Resp: 804641

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

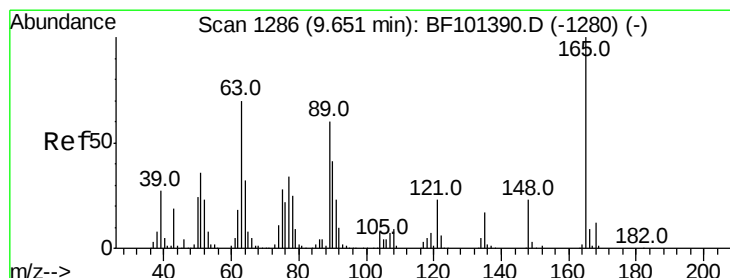
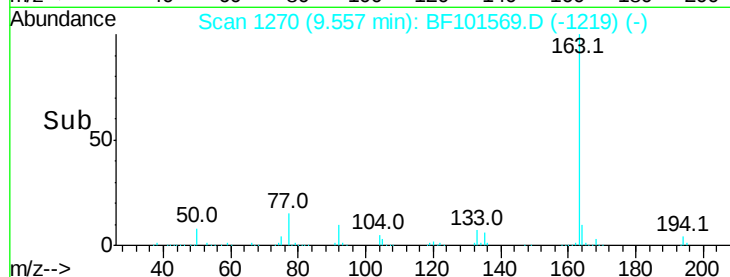
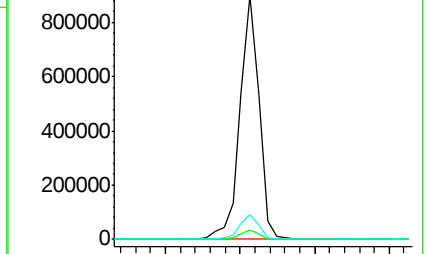
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.266 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

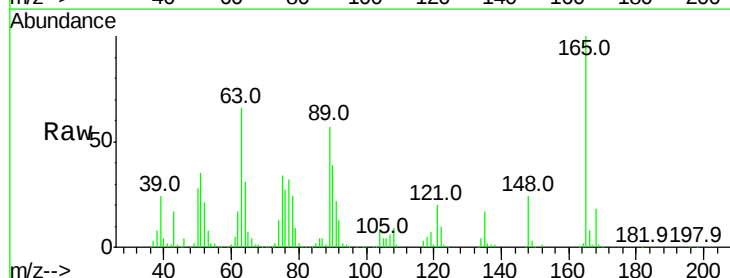
Tgt Ion:165 Resp: 179382

Ion Ratio Lower Upper

165 100

63 65.6 44.7 67.1

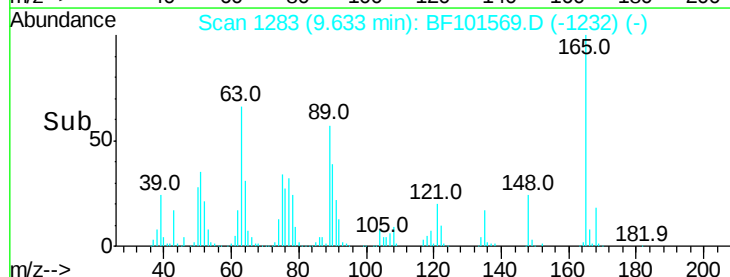
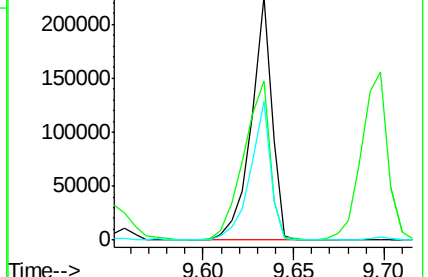
89 57.1 44.0 66.0

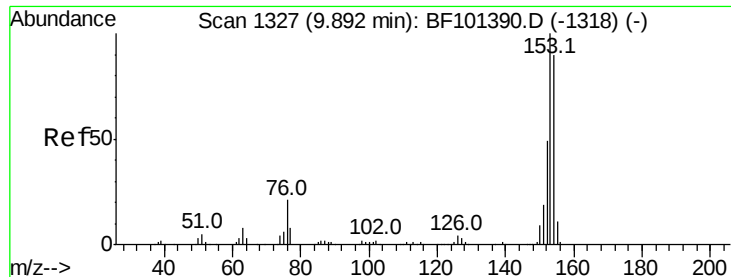


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.362 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

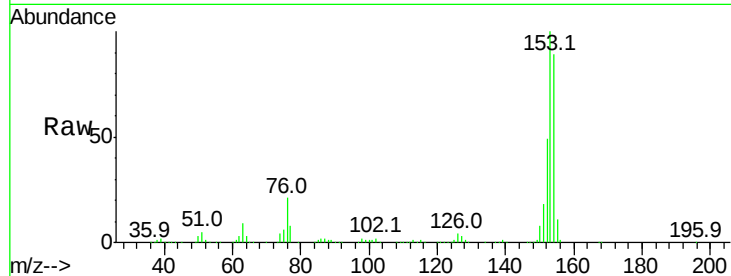
Tot Ion:154 Resp: 626482

Ion Ratio Lower Upper

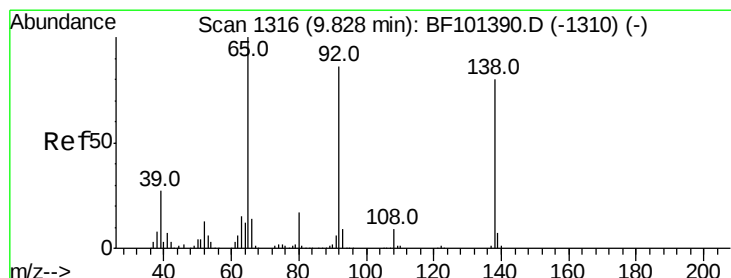
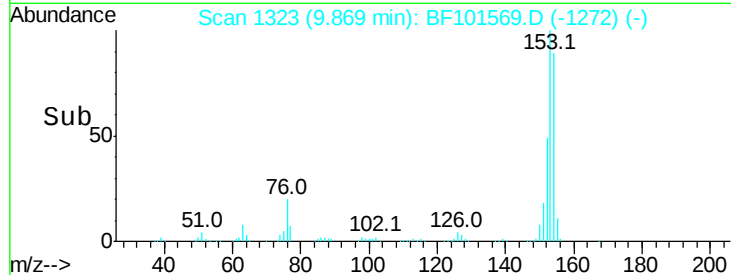
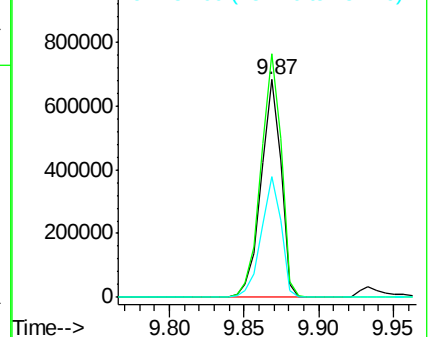
154 100

153 112.0 91.2 136.8

152 55.4 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: 6.818 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

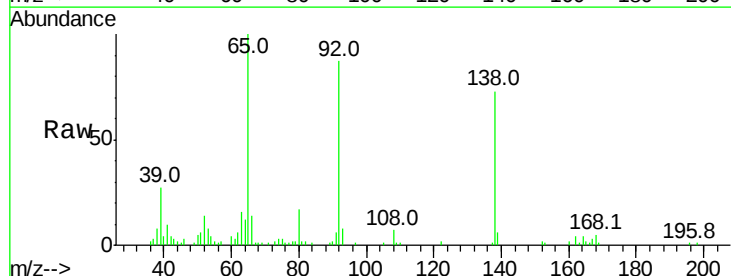
Tgt Ion:138 Resp: 35241

Ion Ratio Lower Upper

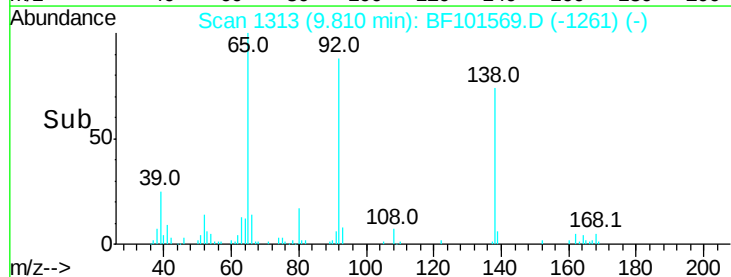
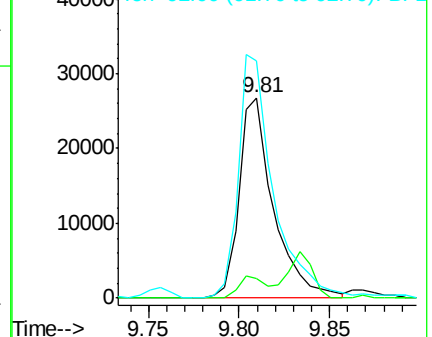
138 100

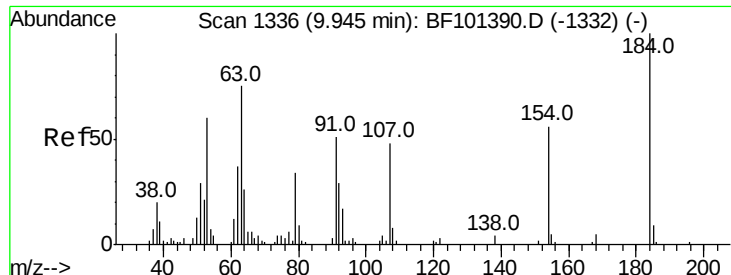
108 9.8 9.4 14.0

92 118.7 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

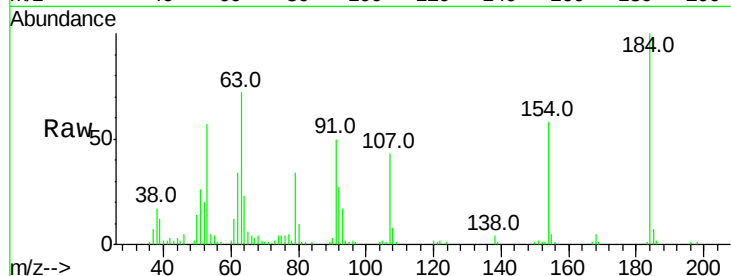




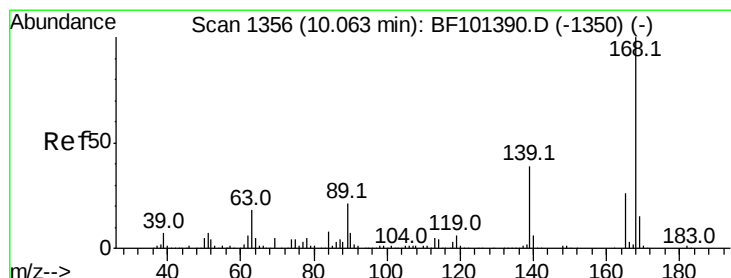
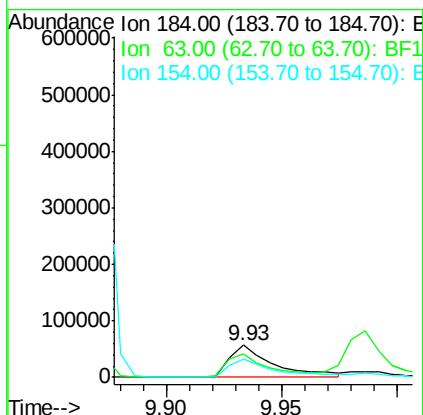
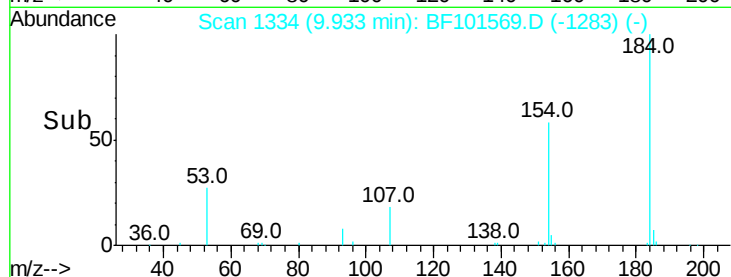
#53
2,4-Dinitrophenol
Concen: 55.774 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

Tot Ion:184 Resp: 75359
Ion Ratio Lower Upper
184 100
63 72.4 54.2 81.2
154 58.4 184.0 276.0#

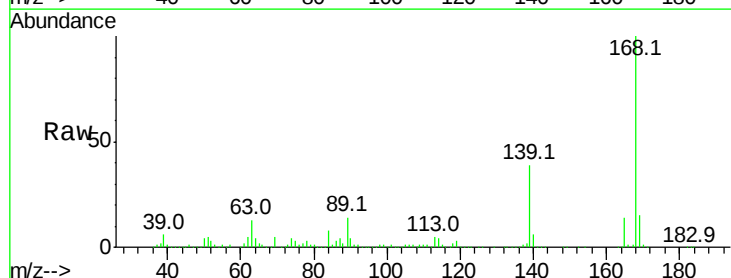


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

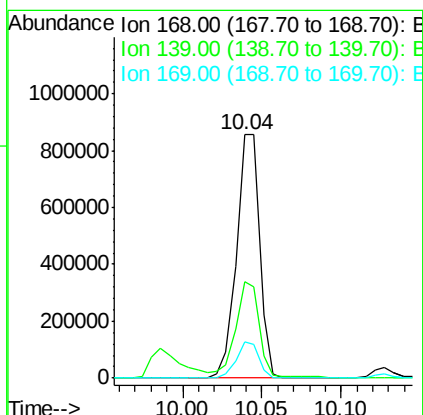
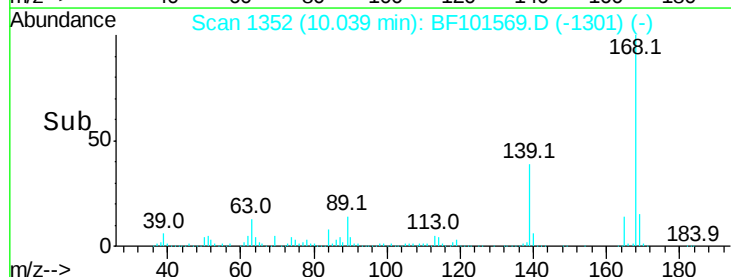


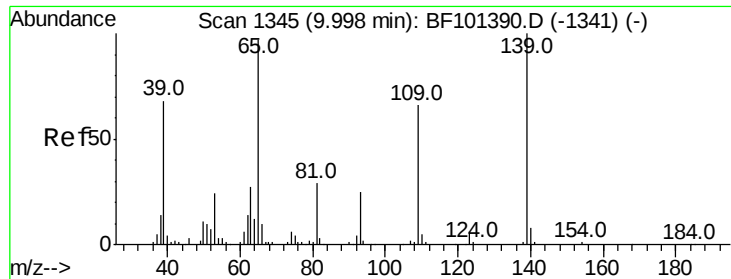
#54
Dibenzofuran
Concen: 41.805 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:168 Resp: 867613
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 14.7 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

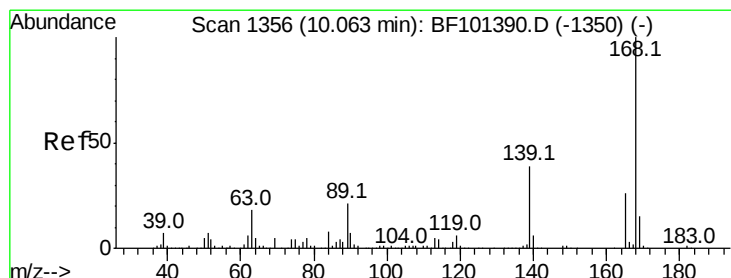
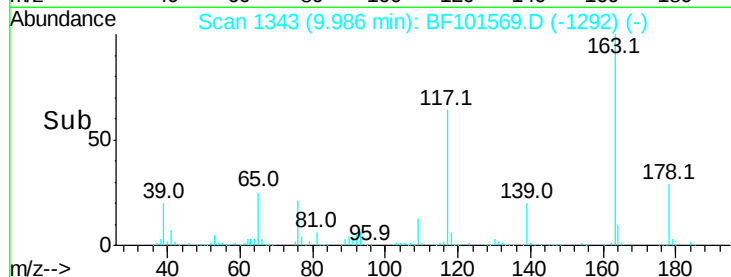
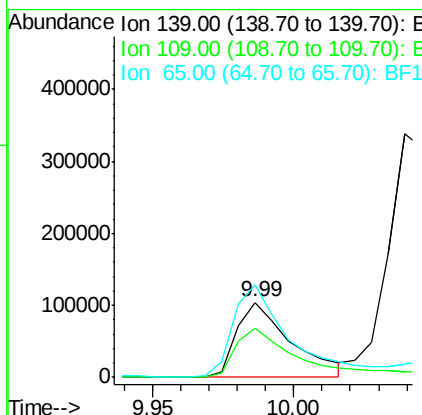
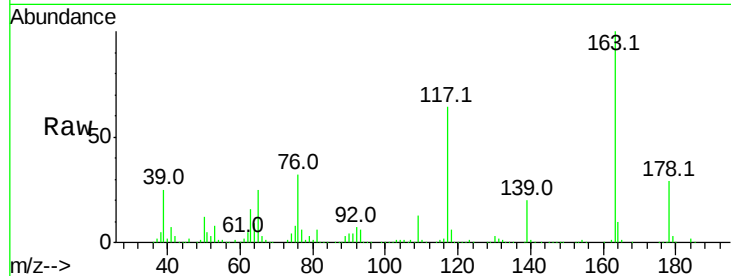




#55
4-Nitrophenol
Concen: 61.989 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

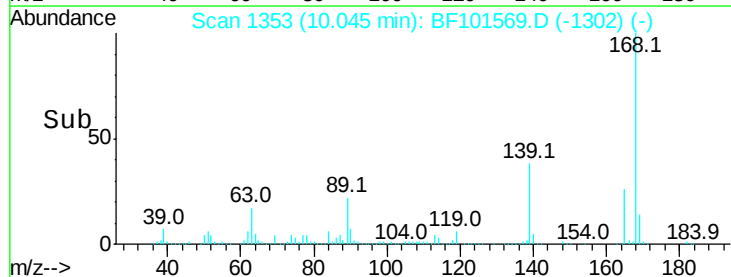
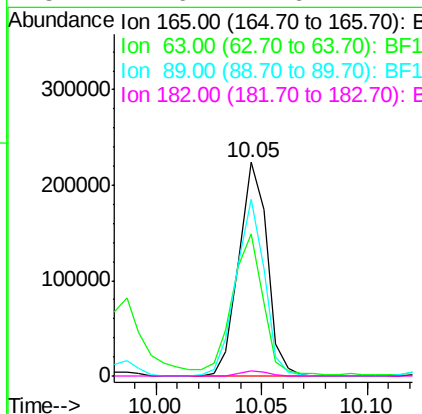
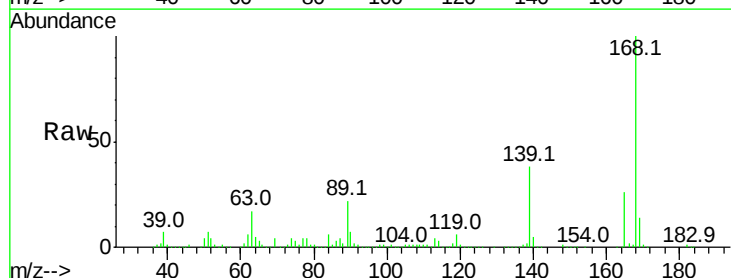
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

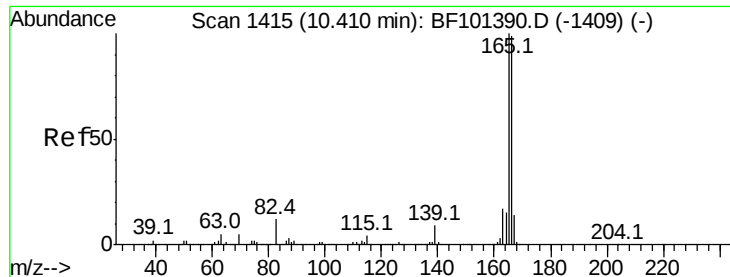
Tot Ion:139 Resp: 139721
Ion Ratio Lower Upper
139 100
109 65.1 48.4 88.4
65 122.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 44.676 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:165 Resp: 208695
Ion Ratio Lower Upper
165 100
63 66.7 36.4 54.6#
89 82.6 57.8 86.6
182 2.6 1.6 2.4#

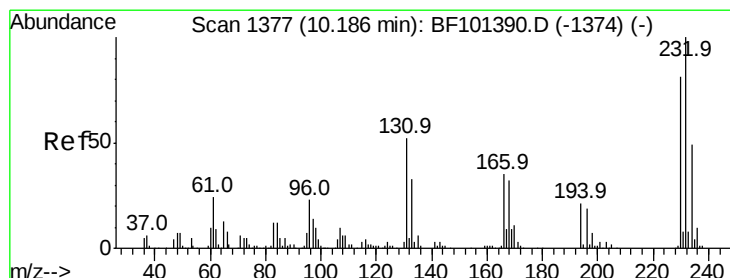
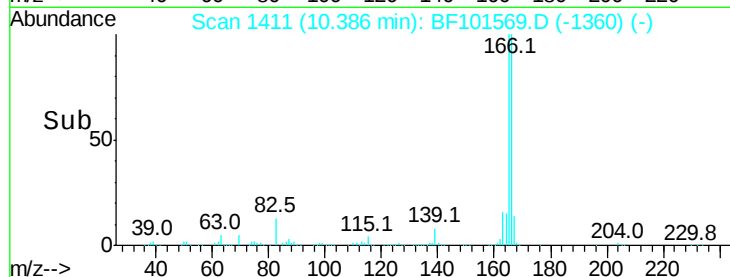
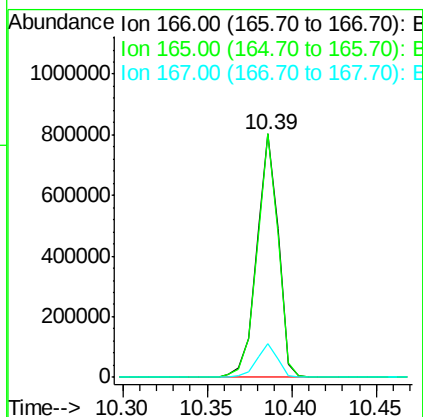
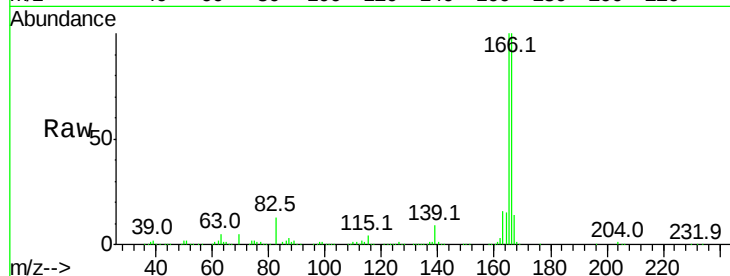




#57
 Fluorene
 Concen: 40.340 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

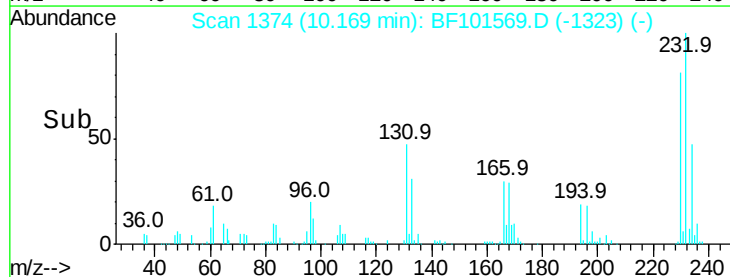
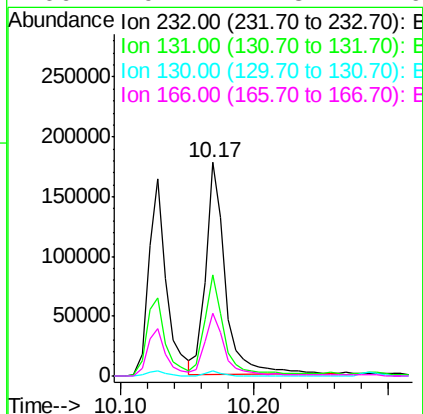
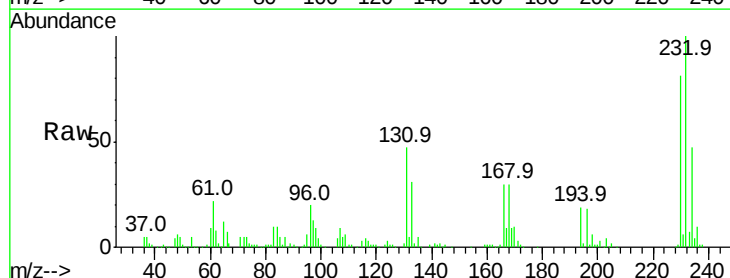
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

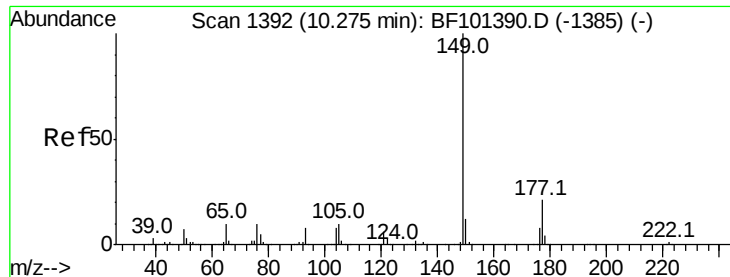
Tot Ion:166 Resp: 708228
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.593 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion:232 Resp: 180835
 Ion Ratio Lower Upper
 232 100
 131 45.0 43.8 65.8
 130 2.5 2.1 3.1
 166 29.1 27.8 41.6





#59

Diethylphthalate

Concen: 40.058 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

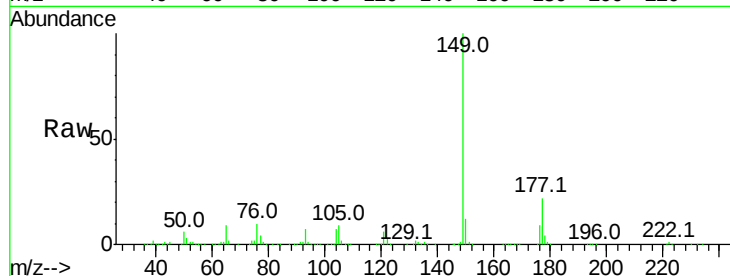
Tot Ion:149 Resp: 809225

Ion Ratio Lower Upper

149 100

177 22.0 16.1 24.1

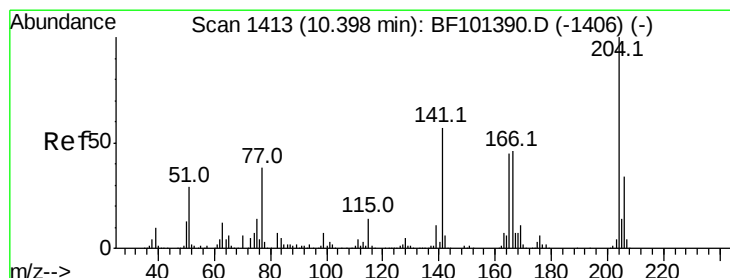
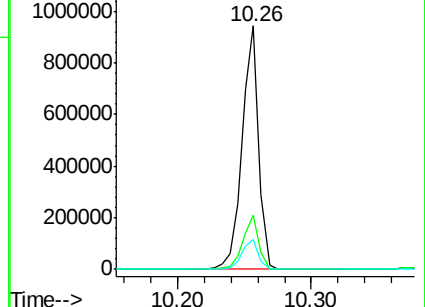
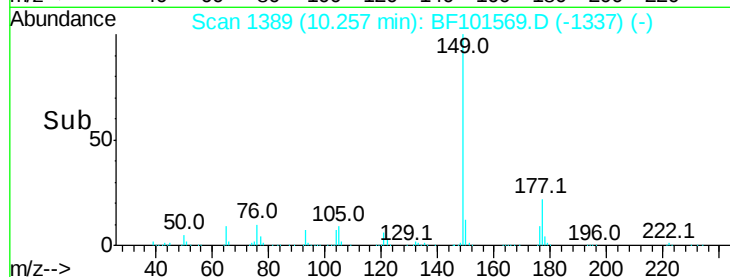
150 12.2 10.1 15.1



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: 41.582 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

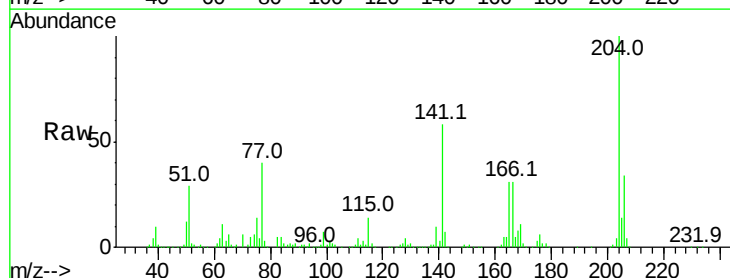
Tgt Ion:204 Resp: 349883

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

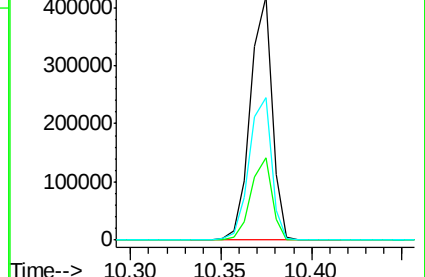
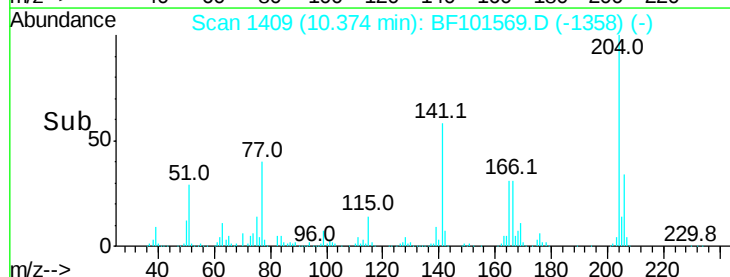
141 58.4 54.6 81.8

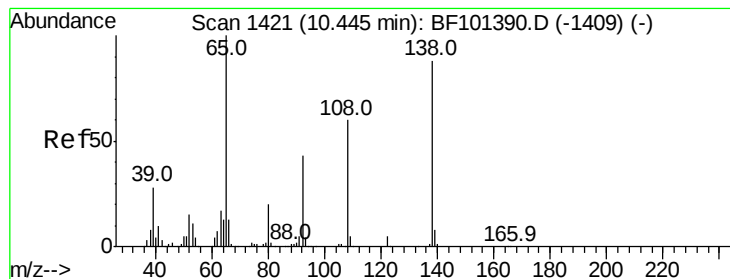


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.464 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

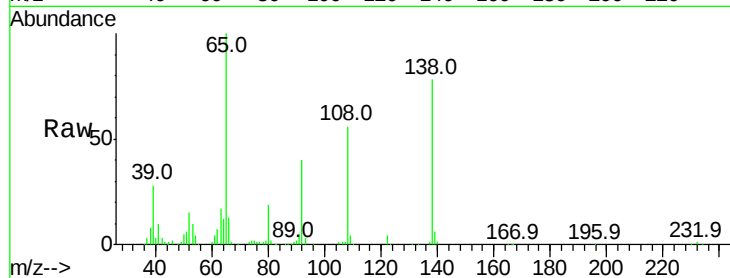
Tot Ion:138 Resp: 147893

Ion Ratio Lower Upper

138 100

92 51.4 30.2 70.2

108 71.8 52.5 92.5

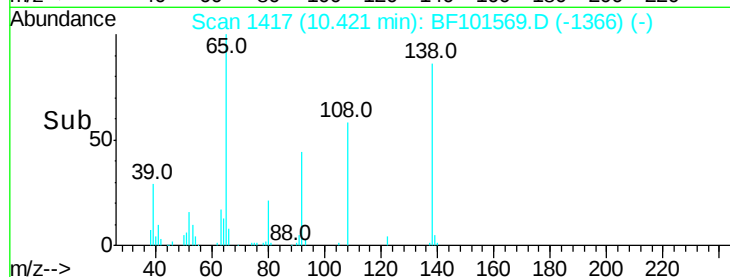


Abundance Ion 138.00 (137.70 to 138.70): E

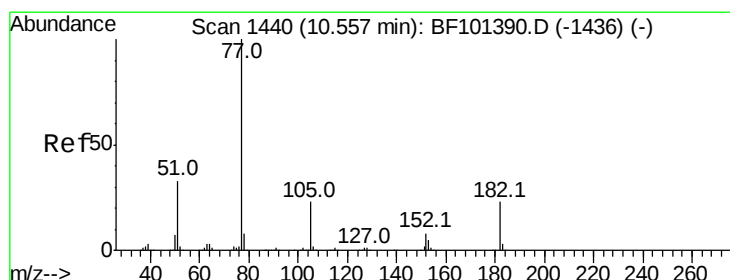
Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 39.237 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Tgt Ion: 77 Resp: 821114

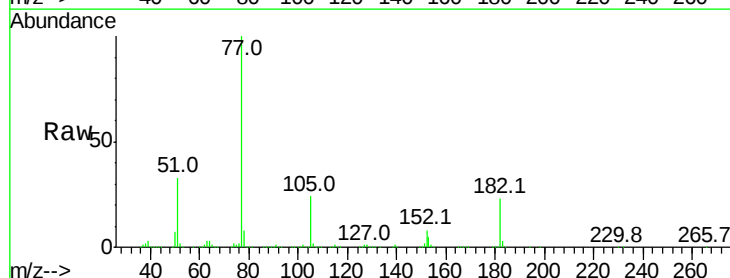
Ion Ratio Lower Upper

77 100

182 23.2 1.7 41.7

105 23.5 3.0 43.0

51 32.5 9.9 49.9



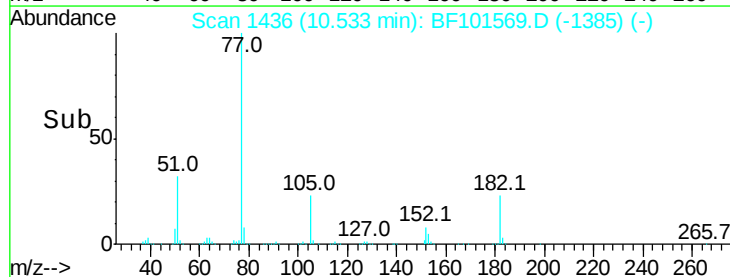
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

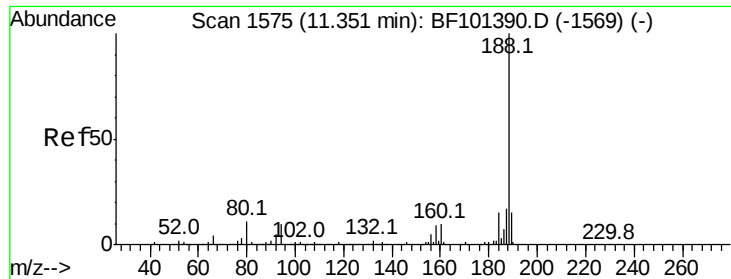
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

Time-->



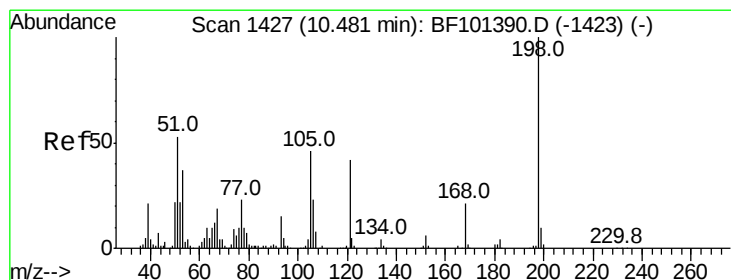
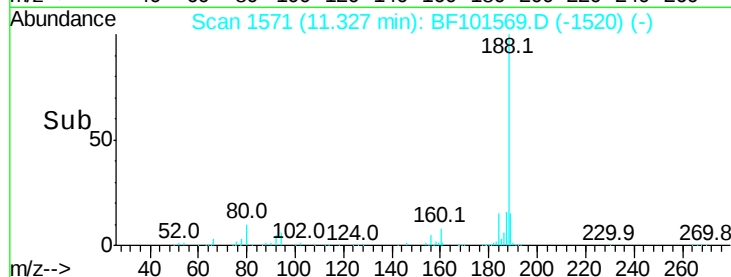
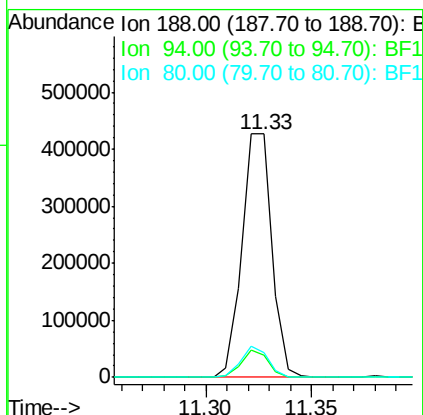
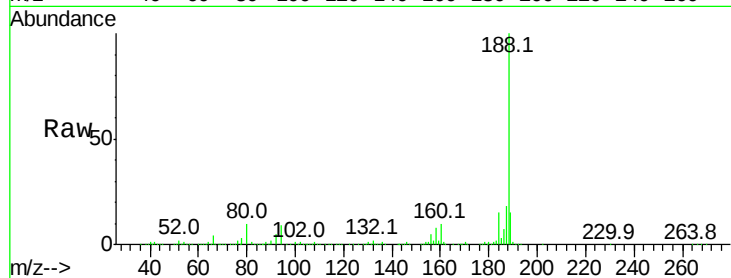
Time-->



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

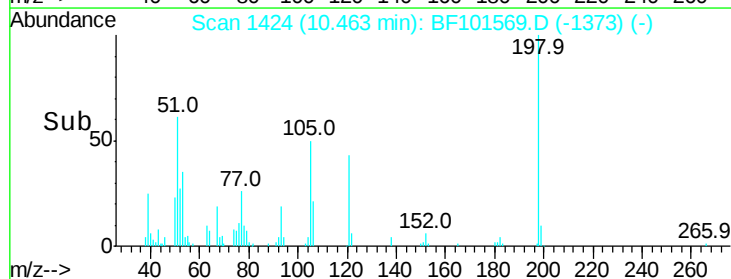
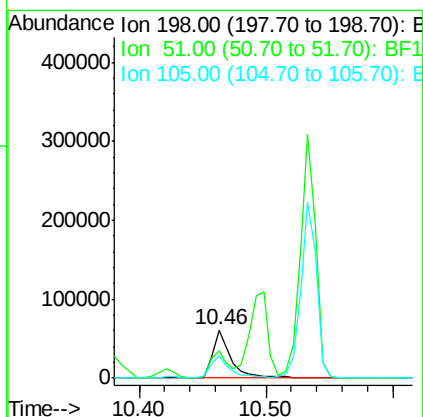
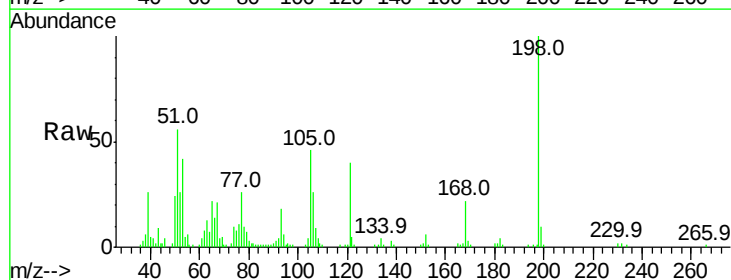
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

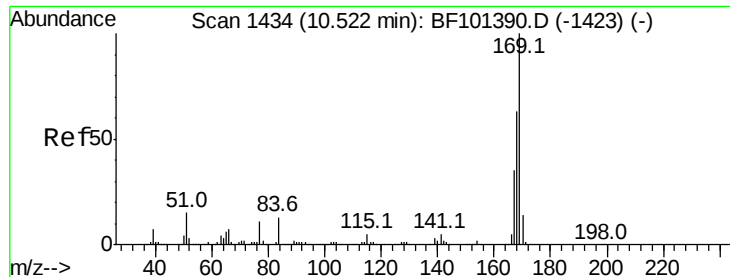
Tot Ion:188 Resp: 418723
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 29.370 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:198 Resp: 62758
Ion Ratio Lower Upper
198 100
51 56.3 37.7 77.7
105 46.4 36.3 76.3

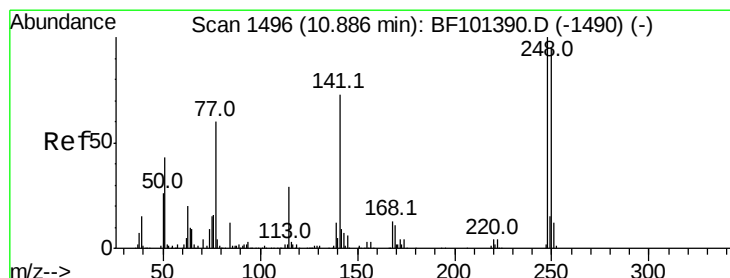
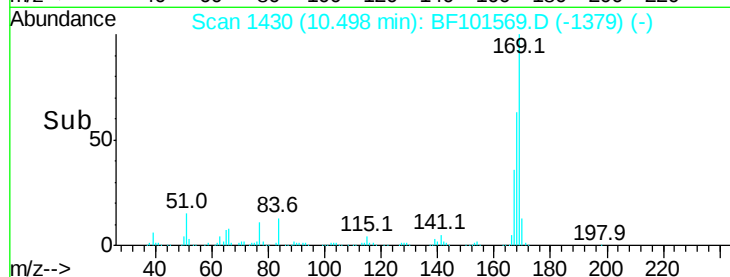
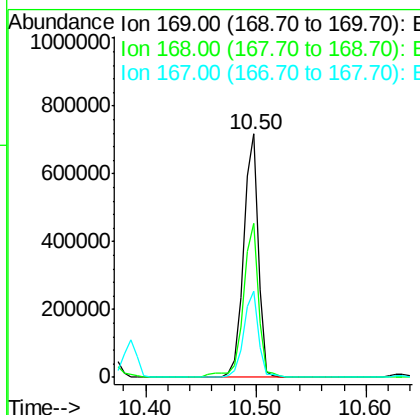
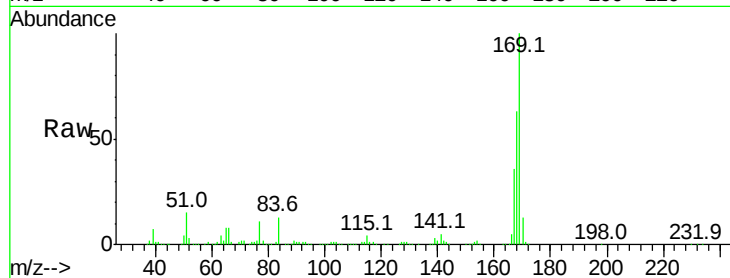




#65
n-Nitrosodiphenylamine
Concen: 43.366 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

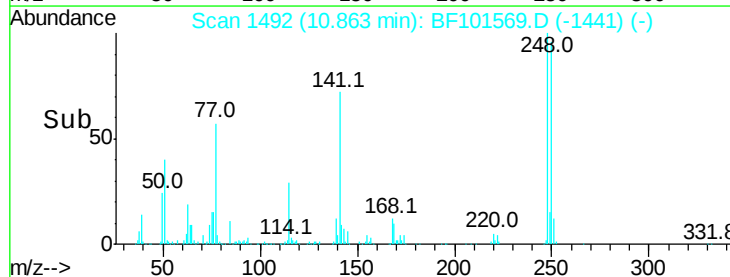
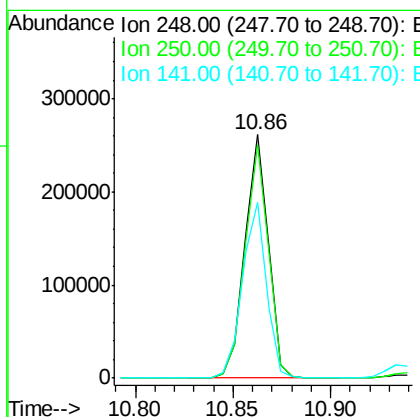
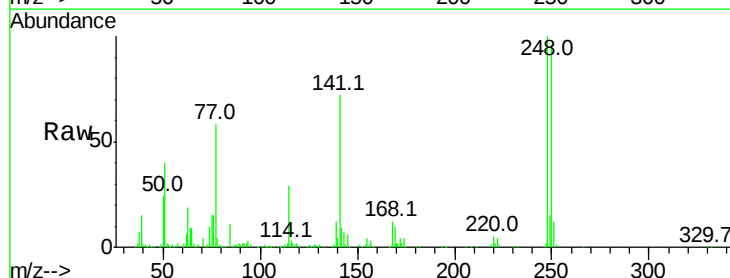
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

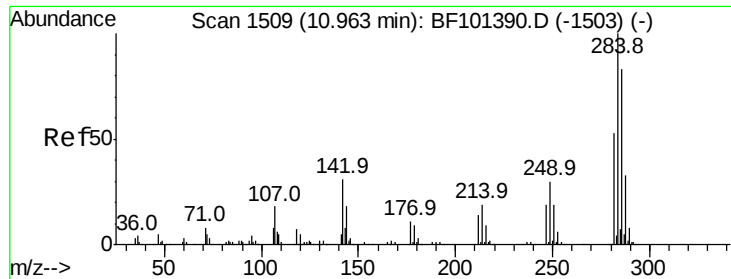
Tot Ion:169 Resp: 670484
Ion Ratio Lower Upper
169 100
168 63.5 54.4 81.6
167 35.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 46.237 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:248 Resp: 217540
Ion Ratio Lower Upper
248 100
250 95.9 76.9 115.3
141 72.2 74.4 111.6#

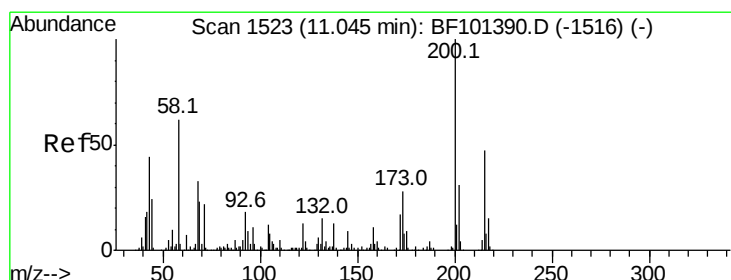
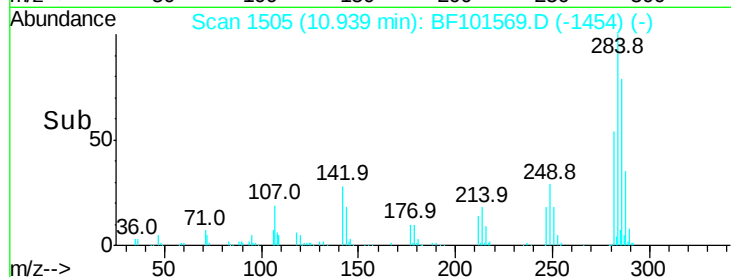
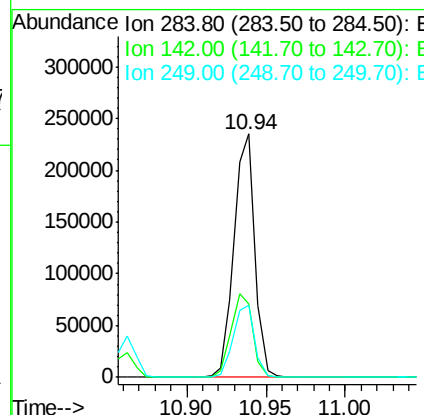
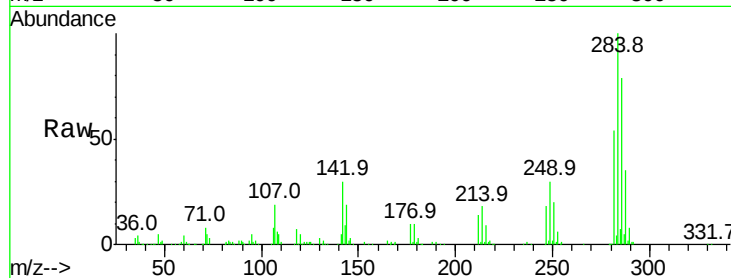




#67
Hexachlorobenzene
Concen: 43.127 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

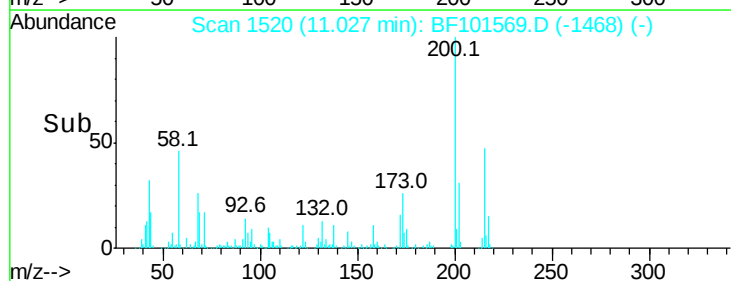
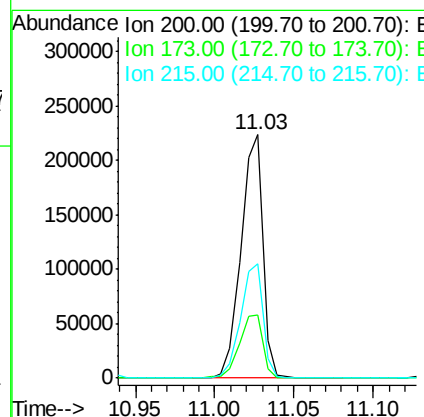
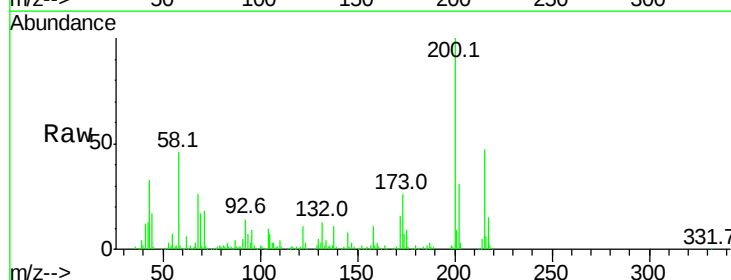
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

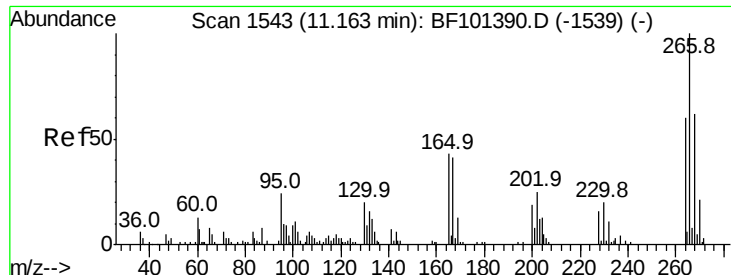
Tot Ion:284 Resp: 214752
Ion Ratio Lower Upper
284 100
142 30.2 34.6 52.0#
249 29.6 24.8 37.2



#68
Atrazine
Concen: 46.349 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:200 Resp: 213676
Ion Ratio Lower Upper
200 100
173 25.9 8.6 48.6
215 47.0 25.1 65.1

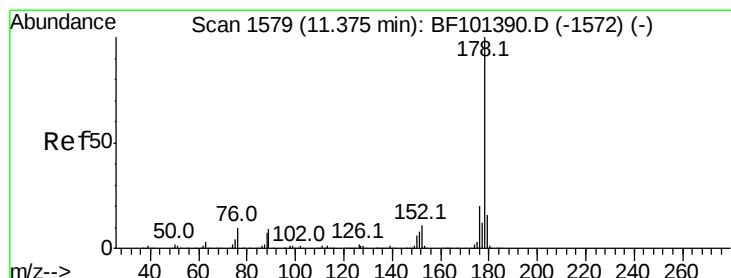
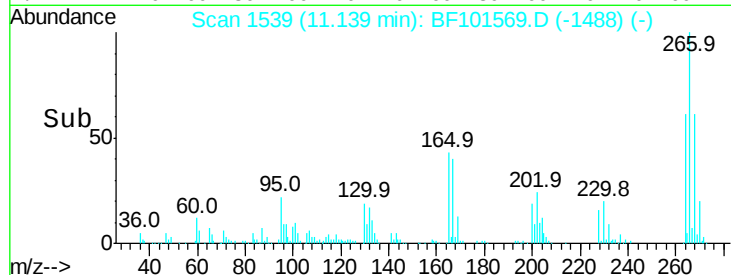
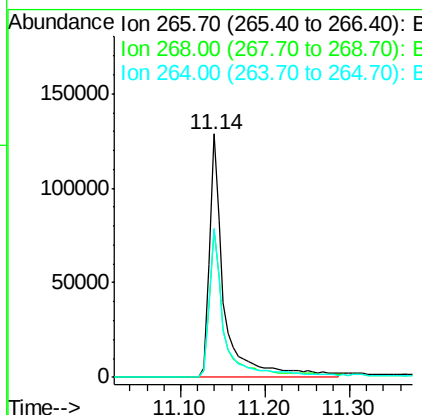
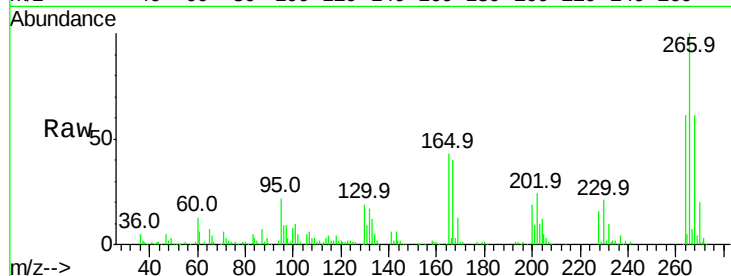




#69
 Pentachlorophenol
 Concen: 82.098 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

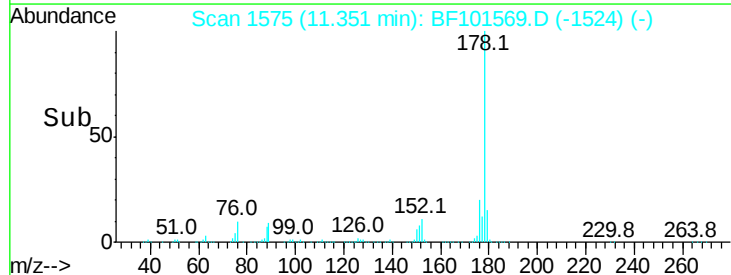
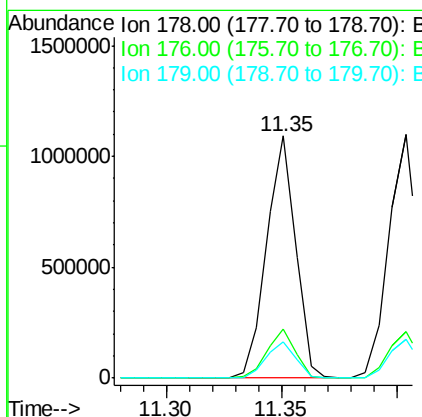
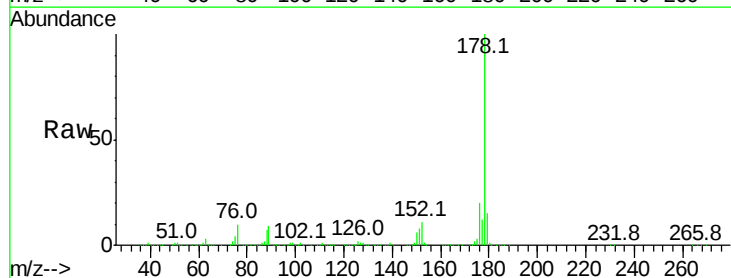
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

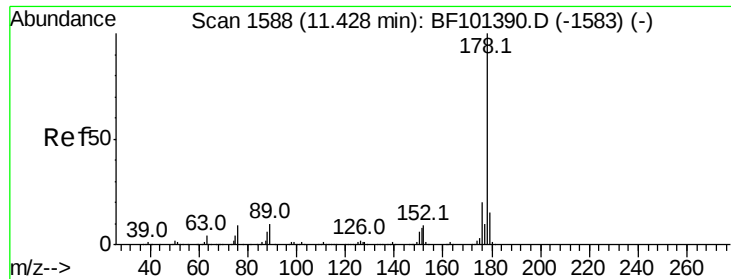
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.1	76.7
264	61.1	49.5	74.3



#70
 Phenanthrene
 Concen: 41.095 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.2	13.0	19.6

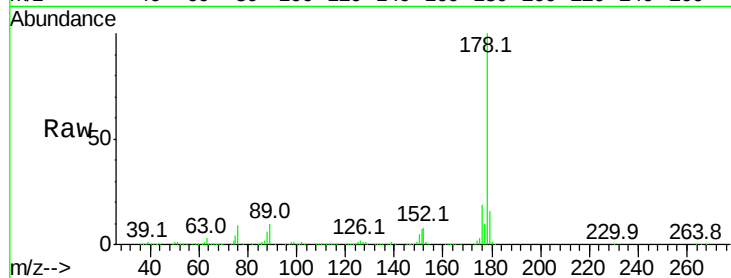




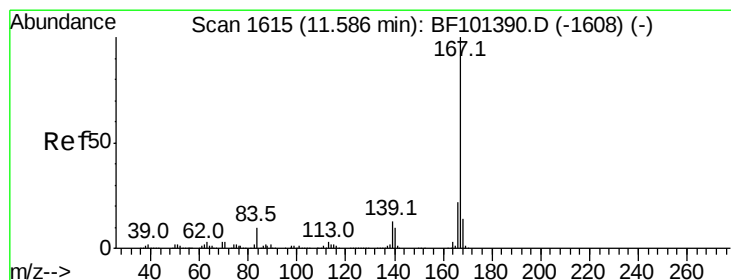
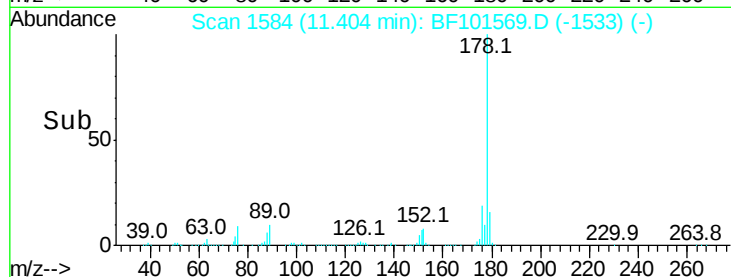
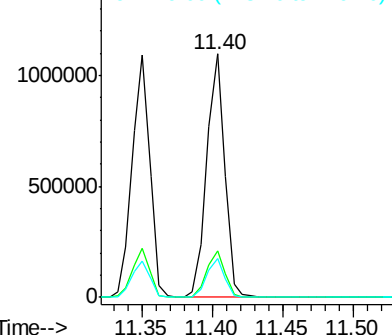
#71
 Anthracene
 Concen: 40.909 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

Tot Ion:178 Resp: 973055
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0

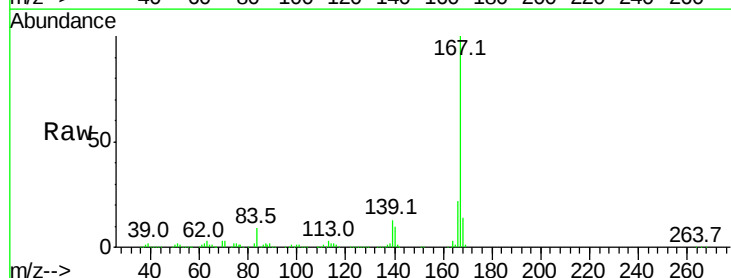


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

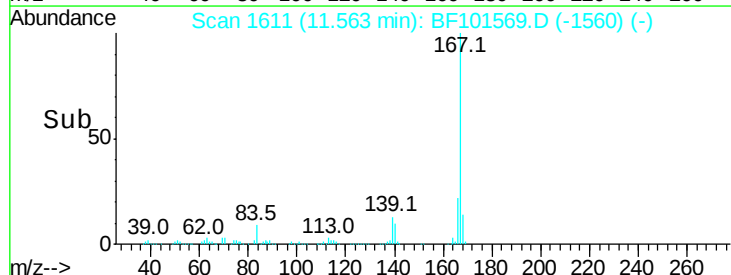
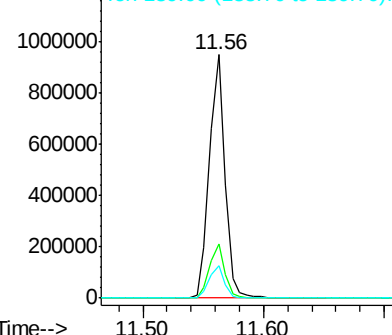


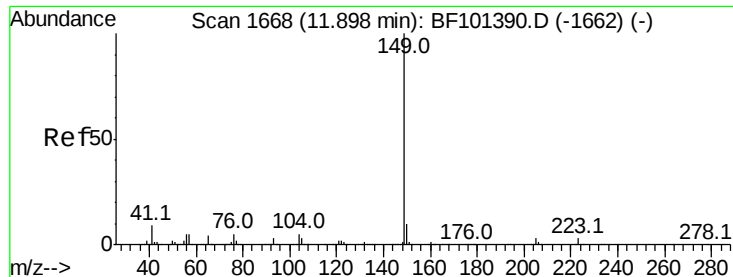
#72
 Carbazole
 Concen: 37.774 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion:167 Resp: 841211
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.2 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: 43.177 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

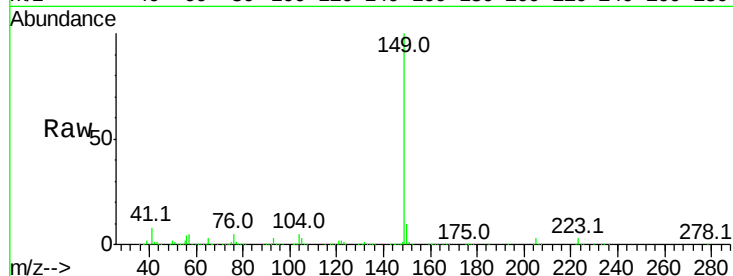
Tot Ion:149 Resp: 1167047

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

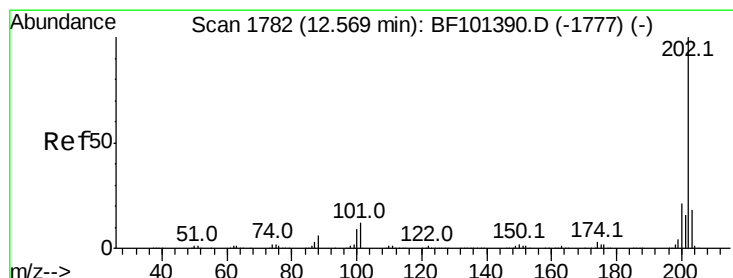
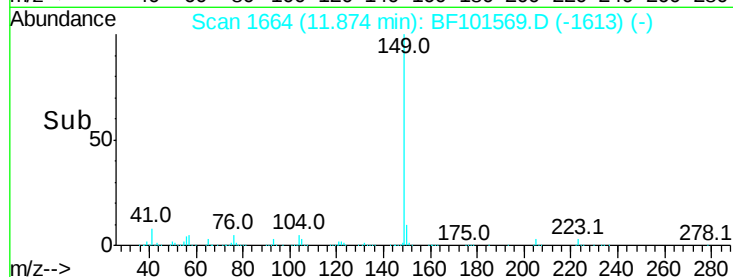
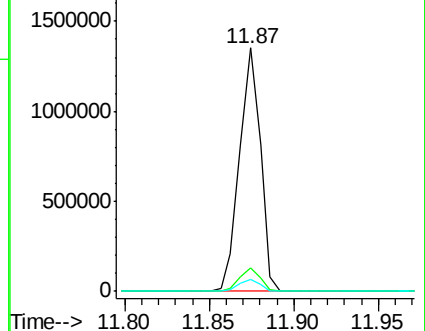
104 4.9 3.8 5.8



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: 35.581 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

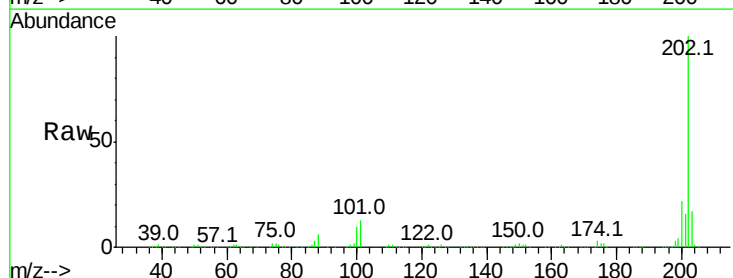
Tgt Ion:202 Resp: 869674

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

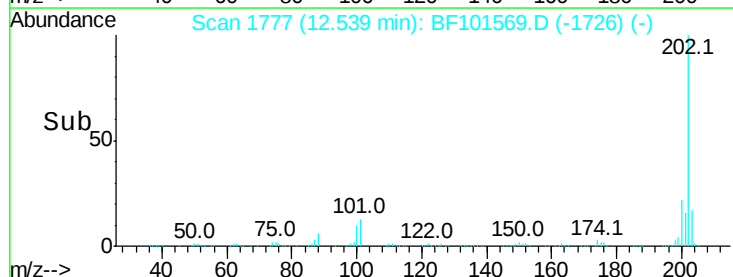
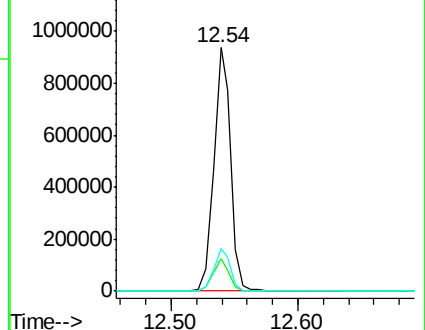
203 17.5 0.0 38.1

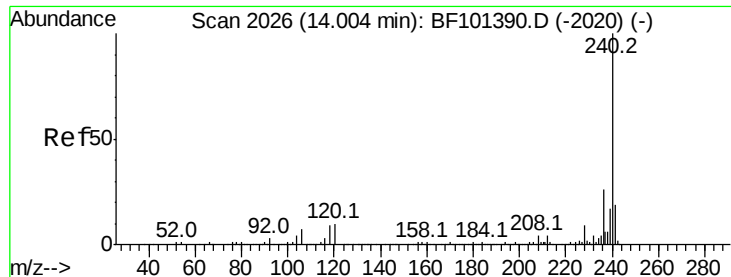


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

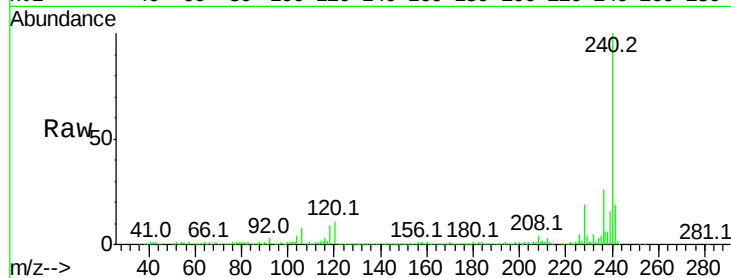
Tot Ion:240 Resp: 264074

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

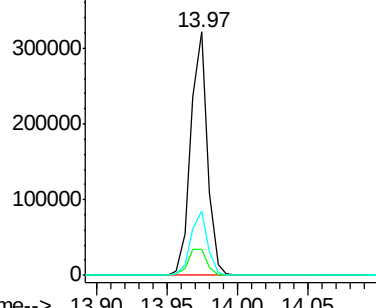
236 26.2 20.7 31.1



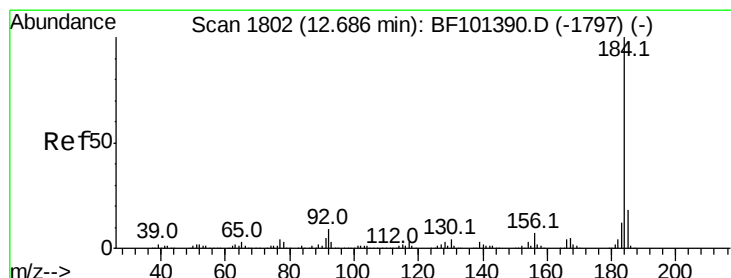
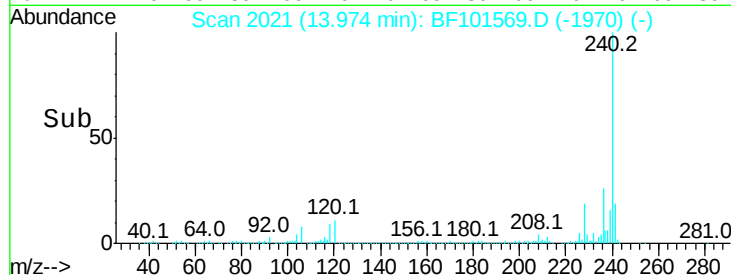
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 13.95 14.00 14.05



#76

Benzidine

Concen: 11.767 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

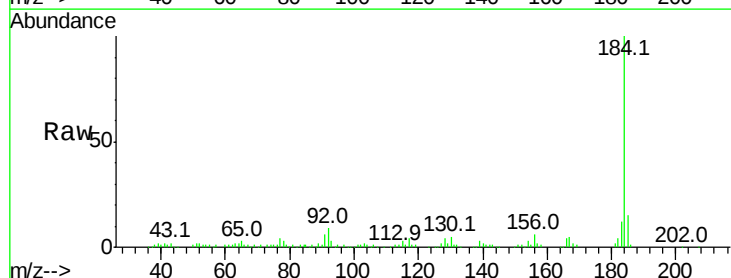
Tgt Ion:184 Resp: 131244

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

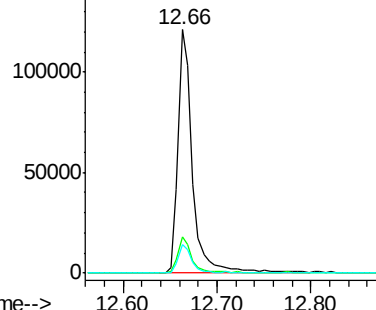
183 11.7 9.3 13.9



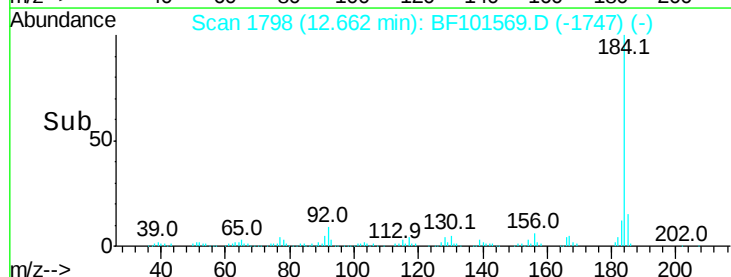
Abundance Ion 184.00 (183.70 to 184.70): E

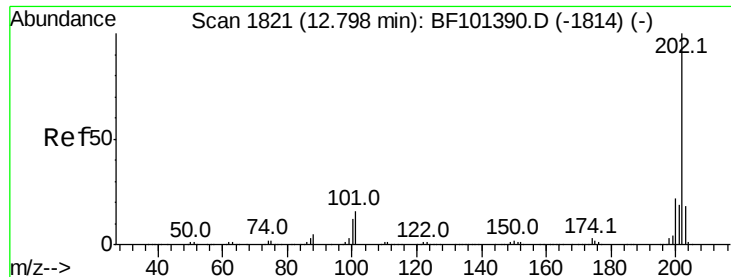
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80

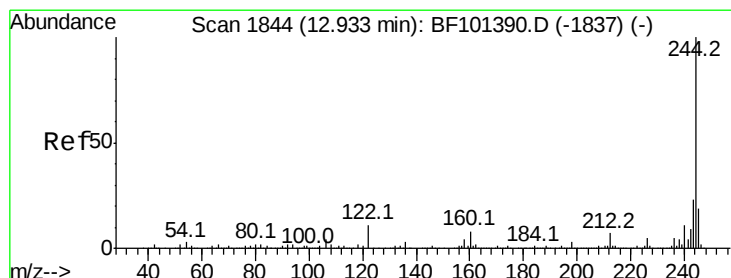
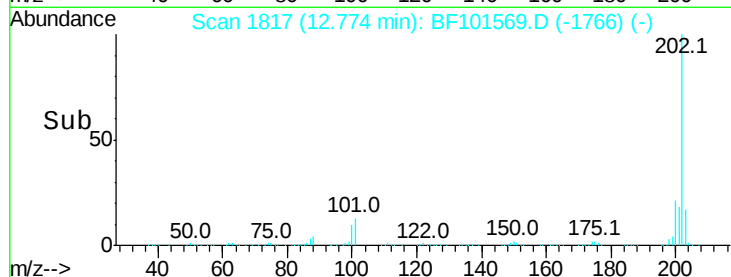
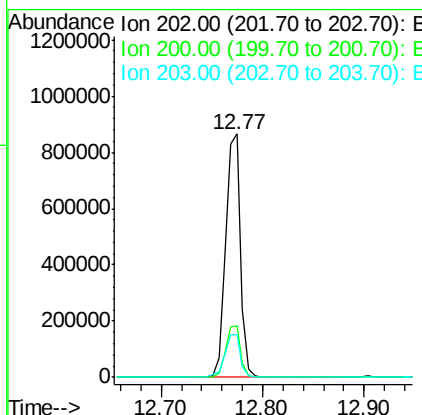
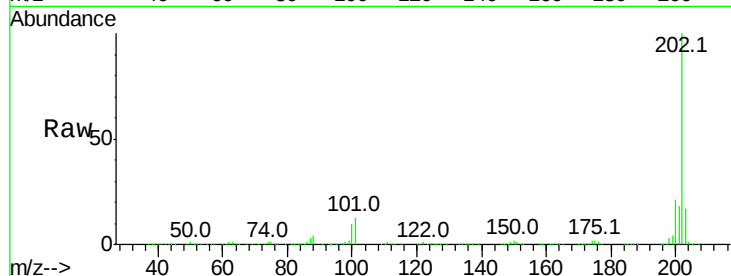




#77
Pvrene
Concen: 43.904 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

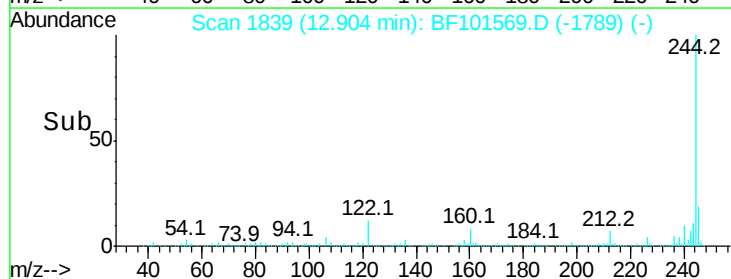
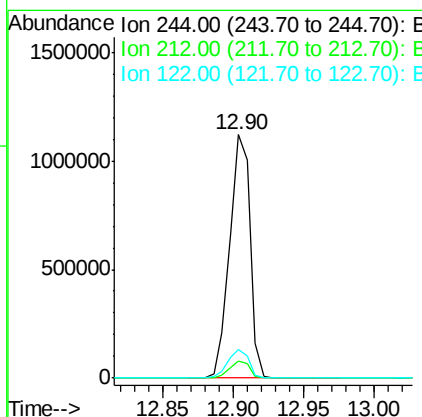
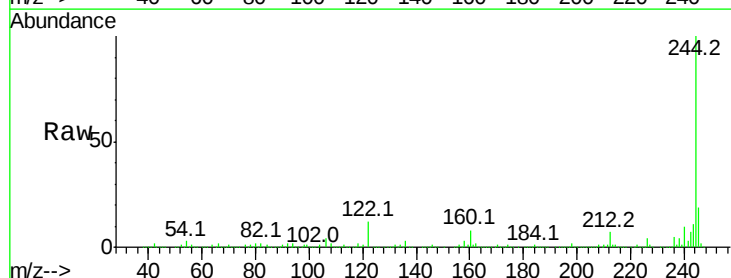
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

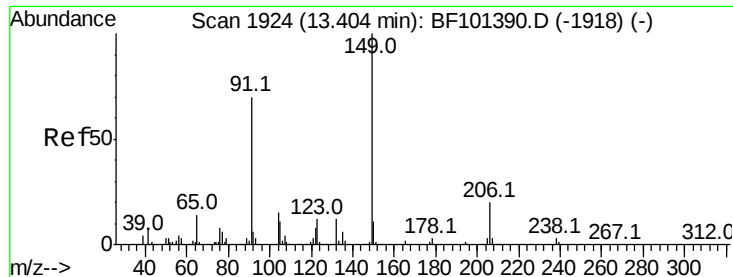
Tot Ion:202 Resp: 870113
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 103.252 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:244 Resp: 1131017
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.8 11.0 16.4

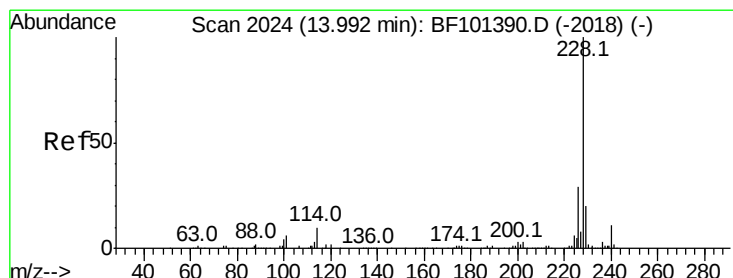
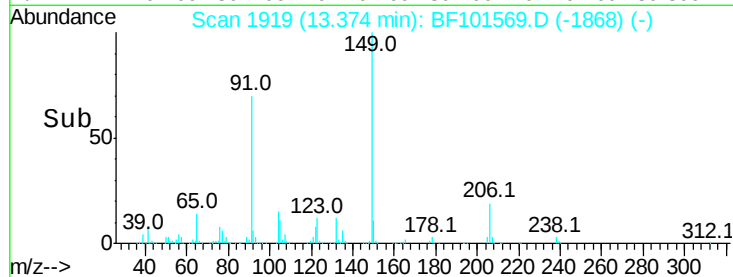
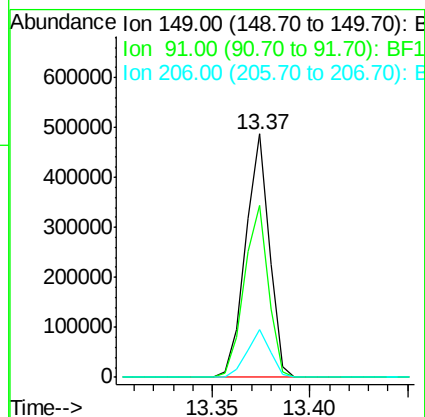
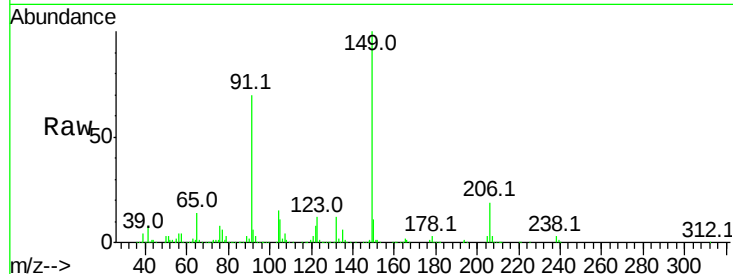




#79
Butylbenzylphthalate
Concen: 45.733 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

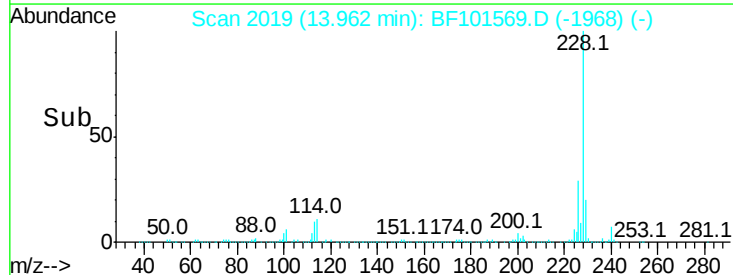
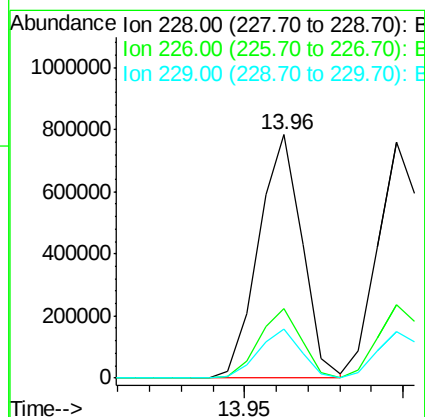
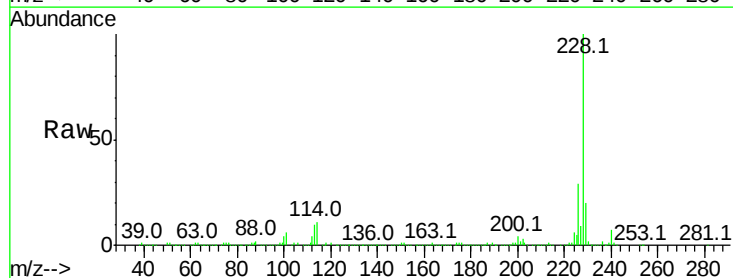
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

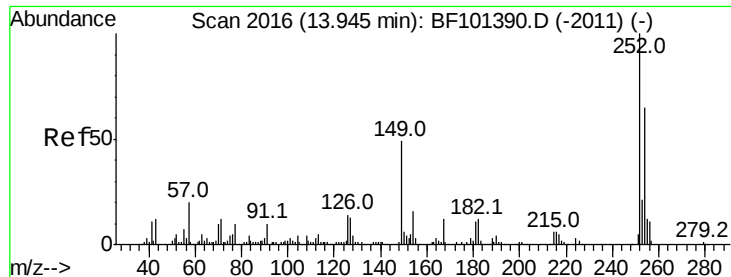
Tot Ion:149 Resp: 410111
Ion Ratio Lower Upper
149 100
91 70.4 56.8 85.2
206 19.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.643 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:228 Resp: 743577
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.1 15.8 23.6

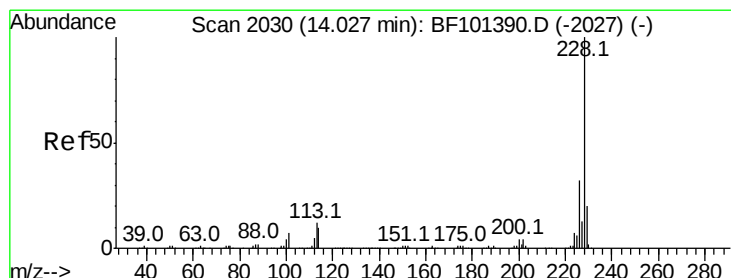
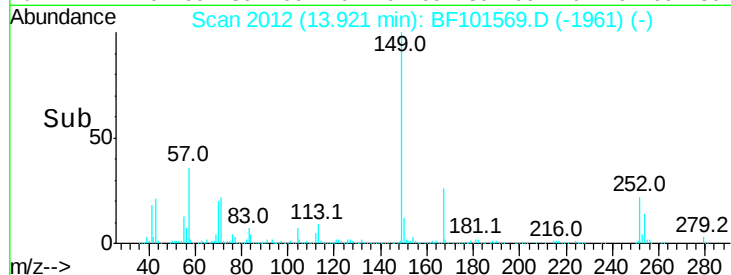
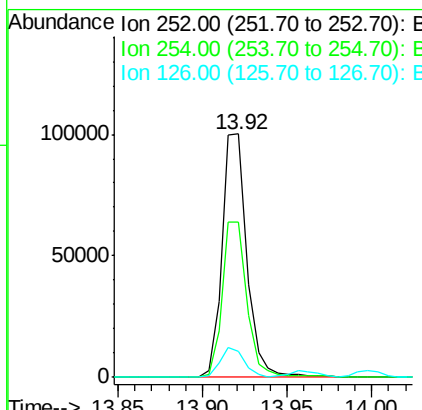
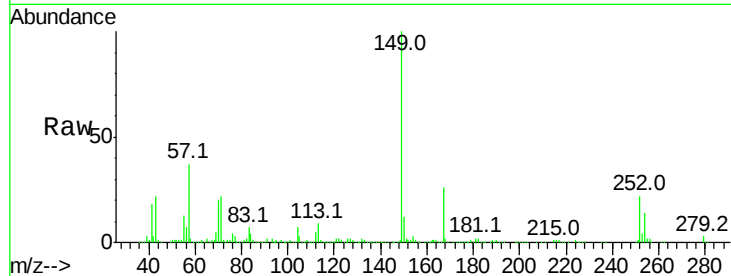




#81
 3,3'-Dichlorobenzidine
 Concen: 18.150 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

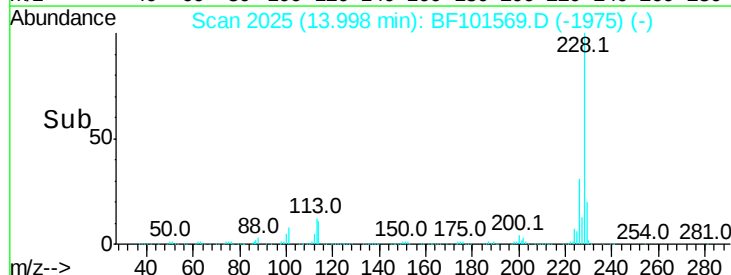
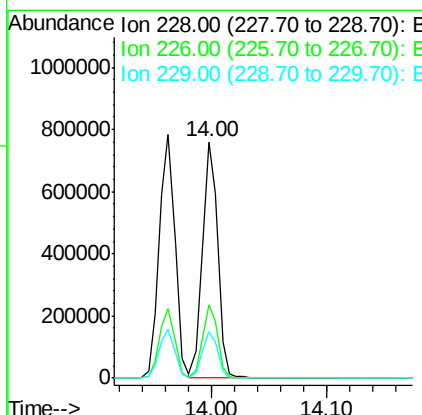
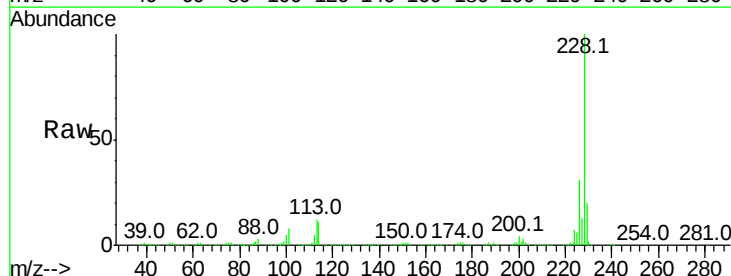
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

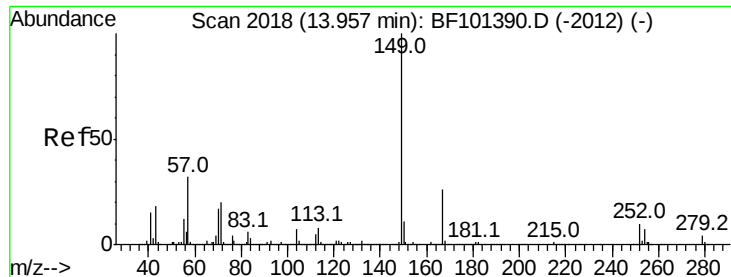
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	10.8	11.3	16.9#



#82
 Chrysene
 Concen: 43.161 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4

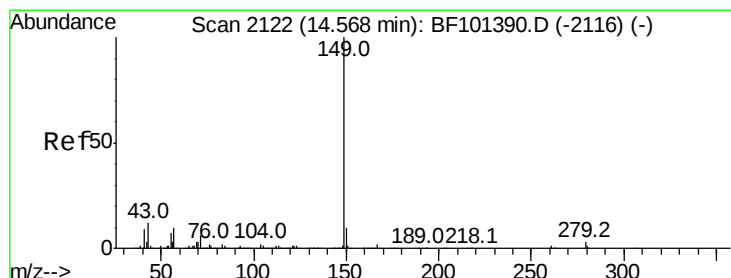
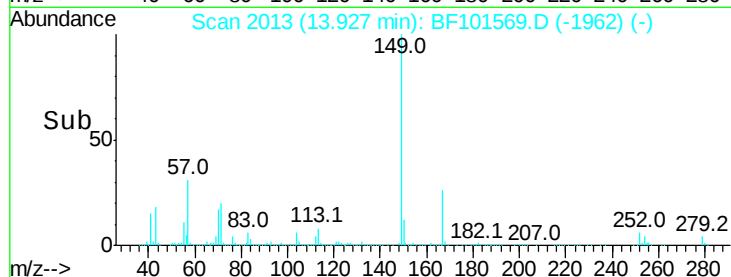
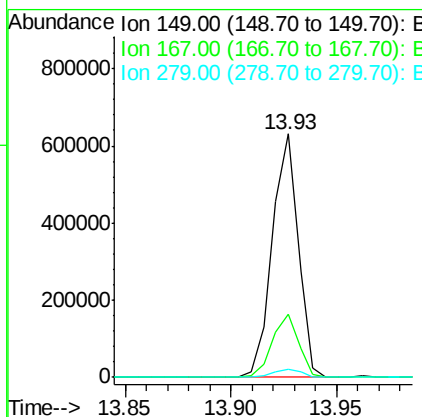
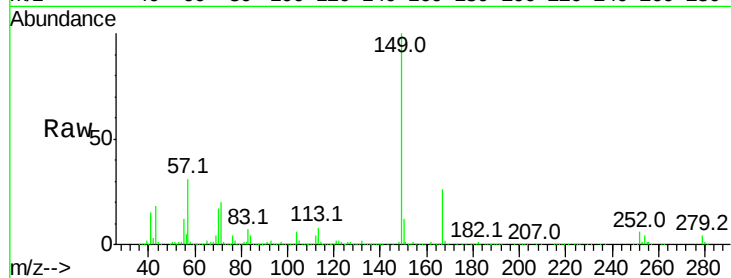




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.656 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

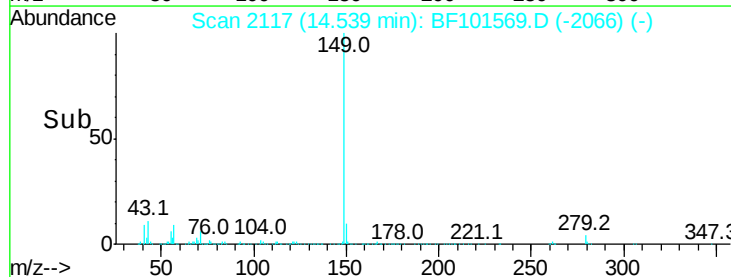
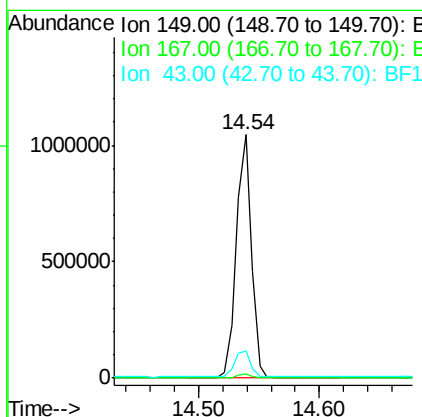
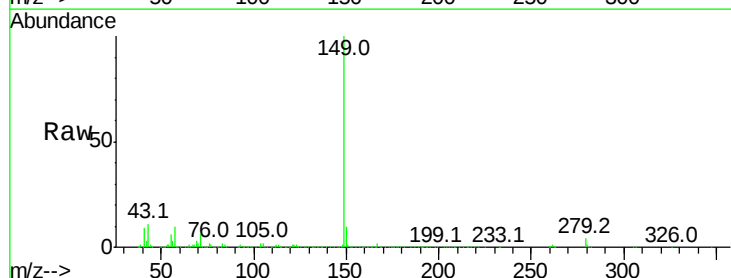
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

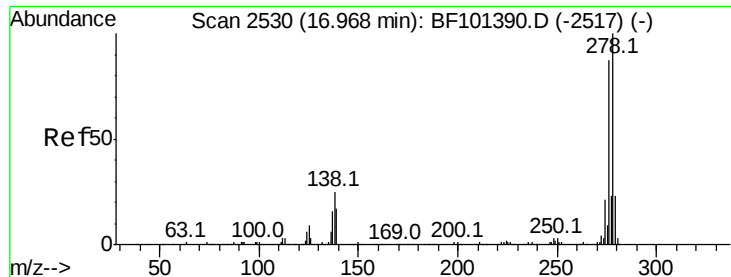
Tot Ion:149 Resp: 541300
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.286 ng
 RT: 14.54 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion:149 Resp: 917337
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.4 8.4 12.6

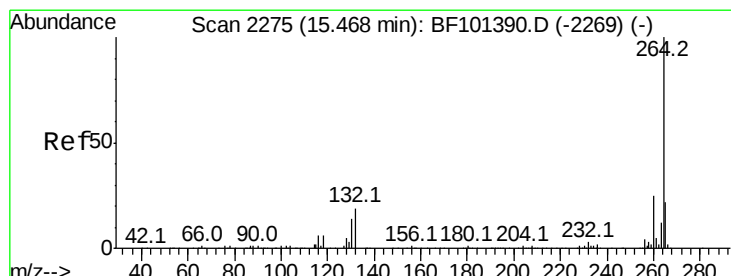
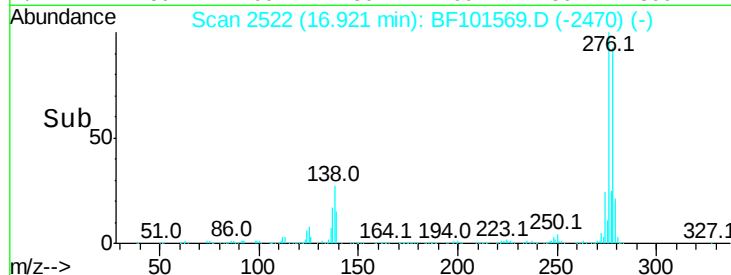
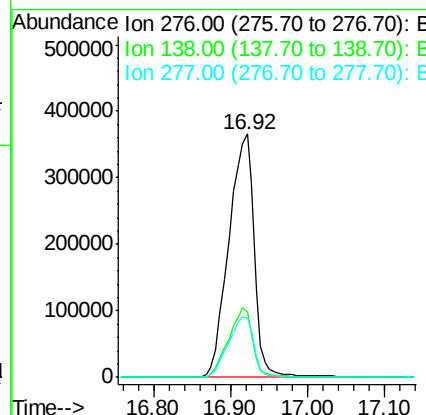
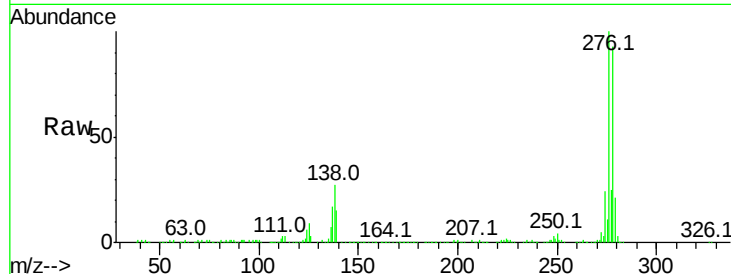




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.371 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

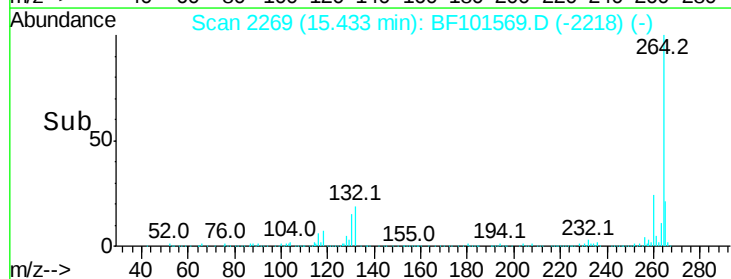
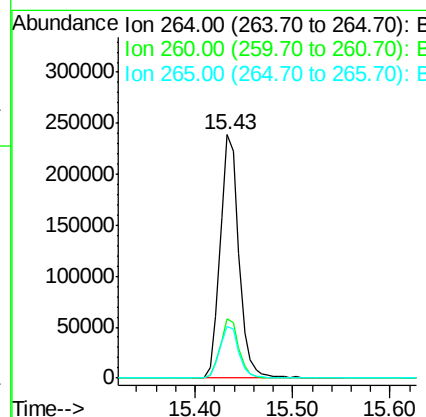
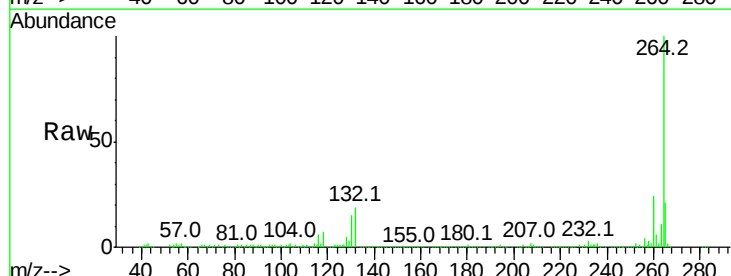
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MS

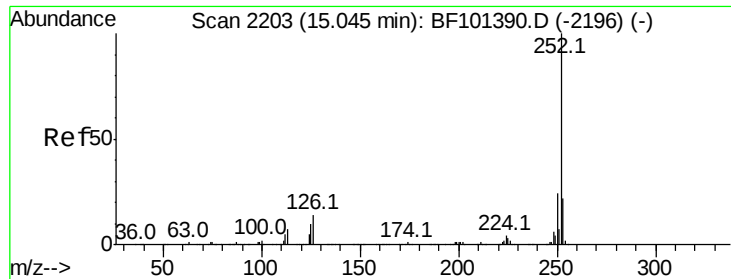
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101569.D
 Acq: 20 Dec 2017 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3

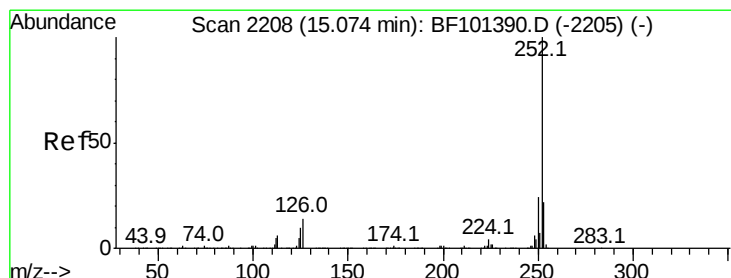
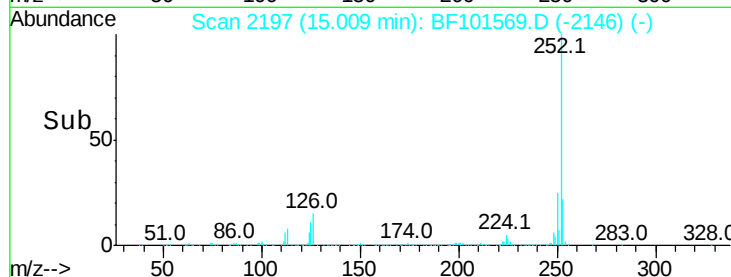
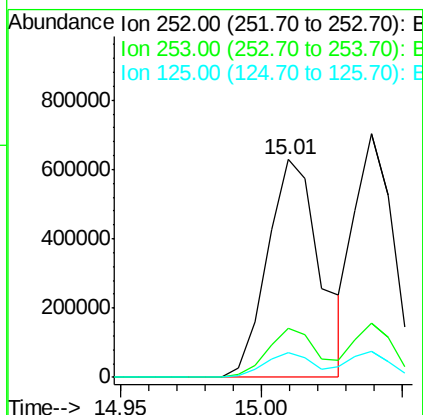
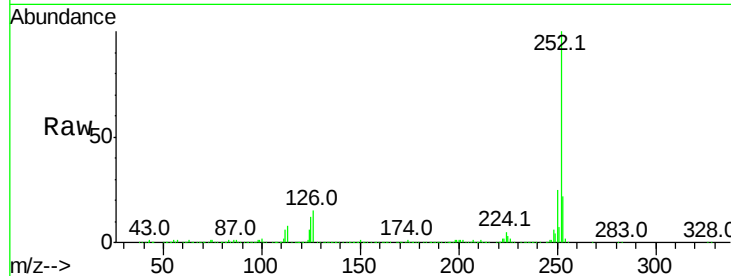




#87
Benzo(b)fluoranthene
Concen: 41.971 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

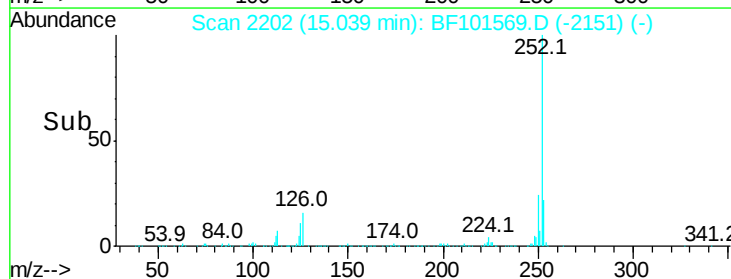
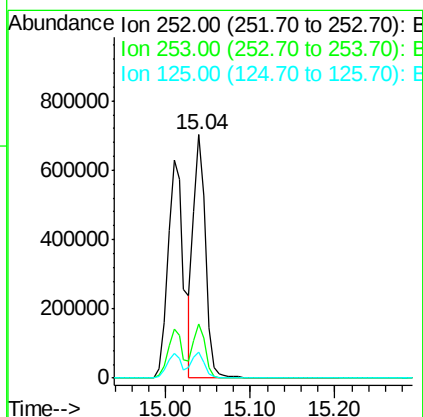
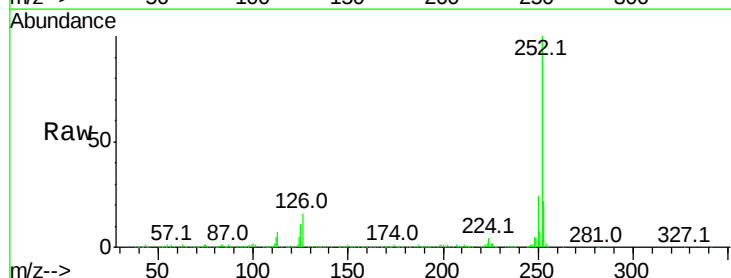
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

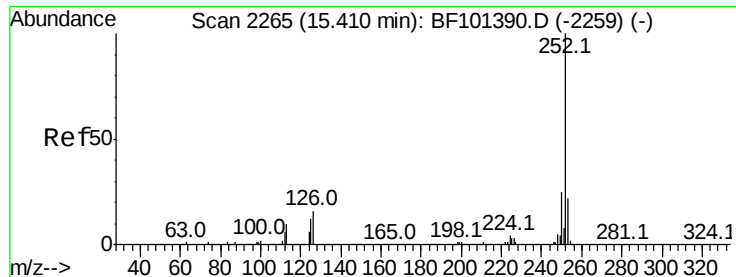
Tot Ion:252 Resp: 816288
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.108 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:252 Resp: 682776
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.9 10.2 15.2

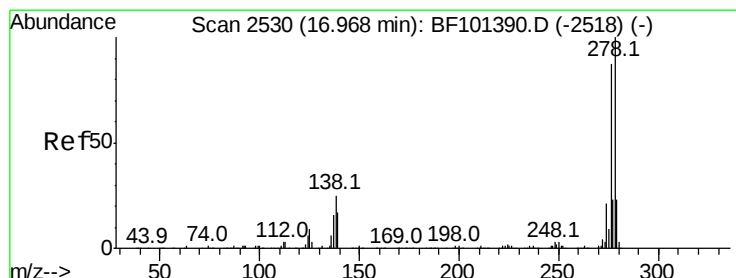
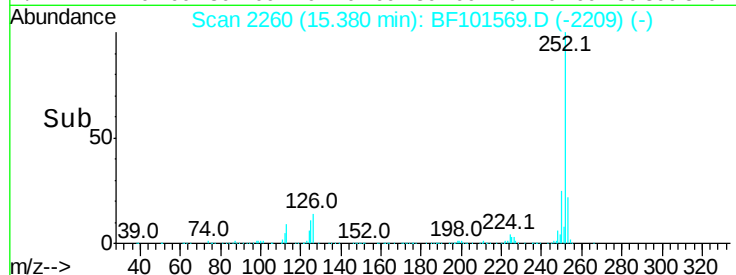
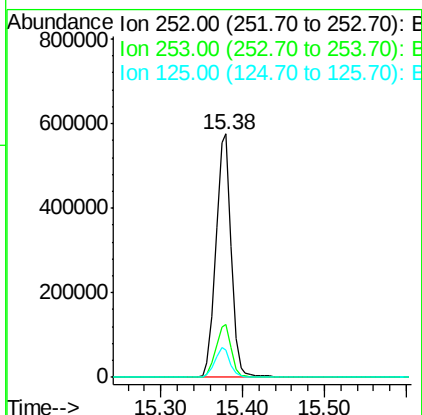
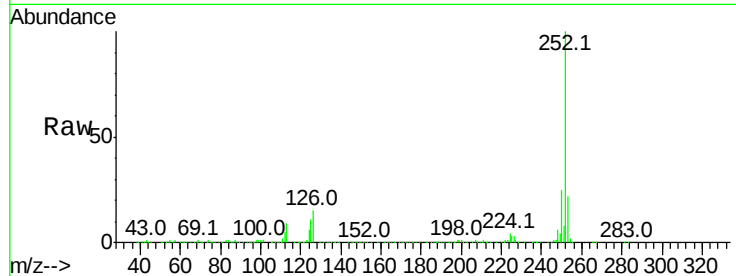




#89
Benzo(a)pyrene
Concen: 41.932 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

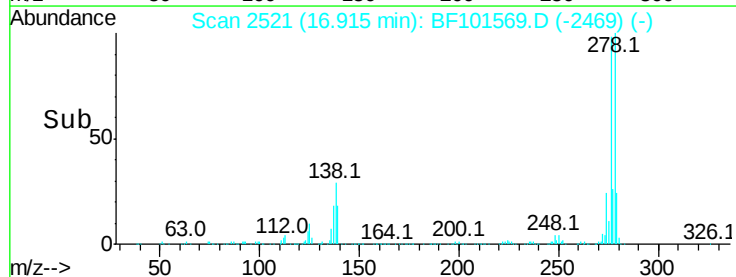
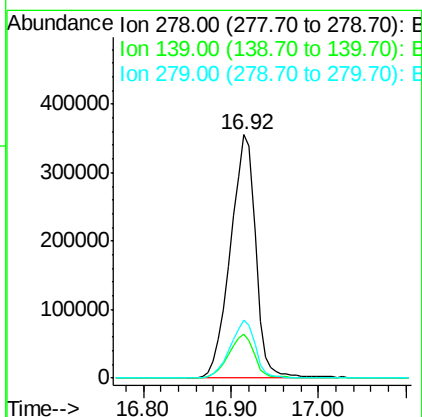
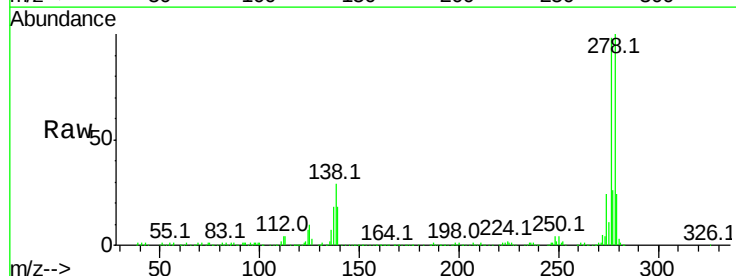
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MS

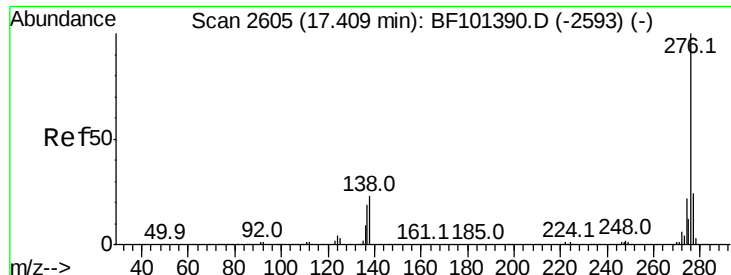
Tot Ion:252 Resp: 751799
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 11.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.276 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101569.D
Acq: 20 Dec 2017 15:56

Tgt Ion:278 Resp: 696958
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 23.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 46.973 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BF101569.D

Acq: 20 Dec 2017 15:56

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MS

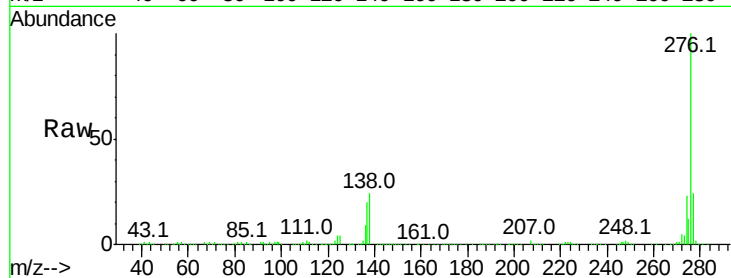
Tot Ion:276 Resp: 716002

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 23.6 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

