

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF122017\
 Data File : BF101570.D
 Acq On : 20 Dec 2017 16:24
 Operator : SJ/JU
 Sample : I6676-09MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Quant Time: Dec 20 16:57:09 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	171062	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	679764	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	305037	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	495589	20.00	ng	0.00
75) Chrysene-d12	13.97	240	298652	20.00	ng	0.00
86) Perylene-d12	15.43	264	331437	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1224889	106.66	ng	0.03
7) Phenol-d6	6.45	99	1394797	97.59	ng	0.01
23) Nitrobenzene-d5	7.37	82	1020711	83.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	328885	111.89	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1632638	83.03	ng	0.00
78) Terphenyl-d14	12.90	244	1220661	98.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	205373	34.804	ng	94
3) Pyridine	3.46	79	304453	18.570	ng	94
4) n-Nitrosodimethylamine	3.40	42	292538	38.754	ng	# 94
6) Aniline	6.47	93	177864	8.955	ng	# 66
8) 2-Chlorophenol	6.59	128	475861	39.391	ng	99
9) Benzaldehyde	6.36	77	144618	13.701	ng	96
10) Phenol	6.46	94	544383	33.419	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	512692	40.124	ng	94
12) 1,3-Dichlorobenzene	6.74	146	519997	38.139	ng	100
13) 1,4-Dichlorobenzene	6.82	146	526328	37.803	ng	99
14) 1,2-Dichlorobenzene	6.97	146	471373	37.613	ng	98
15) Benzyl Alcohol	6.95	79	353103	35.894	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	827302	42.305	ng	54
17) 2-Methylphenol	7.06	107	393140	35.379	ng	# 90
18) Hexachloroethane	7.30	117	188221	38.883	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	341888	36.425	ng	94
20) 3+4-Methylphenols	7.22	107	497249	42.228	ng	# 67
22) Acetophenone	7.22	105	669216	43.146	ng	# 91
24) Nitrobenzene	7.39	77	547965	40.545	ng	95
25) Isophorone	7.63	82	1028297	41.976	ng	99
26) 2-Nitrophenol	7.70	139	269663	46.443	ng	98
27) 2,4-Dimethylphenol	7.74	122	436558	44.257	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	649913	41.765	ng	99
29) 2,4-Dichlorophenol	7.95	162	423514	43.458	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	420766	40.914	ng	97
31) Naphthalene	8.10	128	1376176	40.213	ng	100
32) Benzoic acid	7.91	122	284097	43.616	ng	97
33) 4-Chloroaniline	8.16	127	72176	4.852	ng	95
34) Hexachlorobutadiene	8.21	225	240151	40.374	ng	99
35) Caprolactam	8.55	113	69563	20.557	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	430728	40.213	ng	99
37) 2-Methylnaphthalene	8.79	142	913327	40.963	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	437870	42.516	ng	98
40) Hexachlorocyclopentadiene	8.93	237	88737	52.259	ng	99

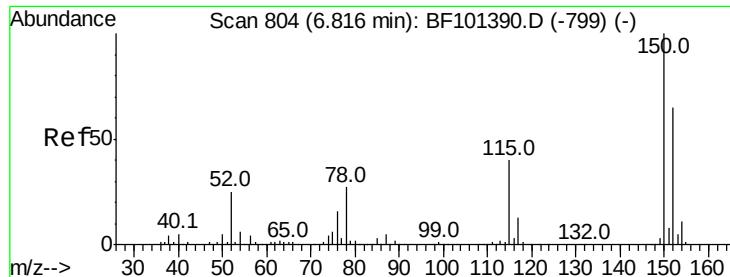
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF122017\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	272459	43.944	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	269475	39.694	nq	94
45) 1,1'-Biphenyl	9.26	154	1101862	40.731	nq	99
46) 2-Chloronaphthalene	9.29	162	827946	39.999	nq	98
47) 2-Nitroaniline	9.39	65	287688	40.233	nq	90
48) Acenaphthylene	9.70	152	1178500	36.047	nq	100
49) Dimethylphthalate	9.56	163	937163	38.195	nq	99
50) 2,6-Dinitrotoluene	9.63	165	208620	41.835	nq #	83
51) Acenaphthene	9.87	154	731574	37.245	nq	100
52) 3-Nitroaniline	9.80	138	93749	15.079	nq	93
53) 2,4-Dinitrophenol	9.93	184	130739	75.883	nq #	19
54) Dibenzofuran	10.04	168	1001701	40.129	nq	99
55) 4-Nitrophenol	9.99	139	173470	63.987	nq #	84
56) 2,4-Dinitrotoluene	10.05	165	242317	43.129	nq #	95
57) Fluorene	10.39	166	809949	38.356	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	213760	43.826	nq	87
59) Diethylphthalate	10.26	149	922056	37.948	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	396943	39.222	nq	92
61) 4-Nitroaniline	10.43	138	183825	29.415	nq	98
62) Azobenzene	10.53	77	930387	36.964	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	94969	37.552	nq	95
65) n-Nitrosodiphenylamine	10.50	169	759993	41.531	nq	97
66) 4-Bromophenyl-phenylether	10.86	248	253793	45.576	nq #	88
67) Hexachlorobenzene	10.94	284	248301	42.131	nq #	86
68) Atrazine	11.03	200	217601	39.880	nq	95
69) Pentachlorophenol	11.14	266	193571	84.094	nq	98
70) Phenanthrene	11.35	178	1082787	39.288	nq	99
71) Anthracene	11.40	178	1117686	39.701	nq	99
72) Carbazole	11.56	167	956266	36.280	nq	99
73) Di-n-butylphthalate	11.87	149	1338310	41.834	nq	99
74) Fluoranthene	12.54	202	977905	33.804	nq	100
76) Benzidine	12.67	184	30367	2.407	nq	99
77) Pyrene	12.77	202	970098	43.281	nq	98
79) Butylbenzylphthalate	13.37	149	460954	45.451	nq	97
80) Benzo(a)anthracene	13.96	228	804367	40.788	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	179530	27.920	nq #	97
82) Chrysene	14.00	228	765699	41.123	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	610434	47.521	nq	99
84) Di-n-octyl phthalate	14.54	149	1016213	44.359	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	812768	49.019	nq	96
87) Benzo(b)fluoranthene	15.01	252	840772	41.619	nq	99
88) Benzo(k)fluoranthene	15.04	252	742677	37.811	nq	98
89) Benzo(a)pyrene	15.38	252	790847	42.466	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	693837	43.393	nq	97
91) Benzo(g,h,i)perylene	17.36	276	692313	43.726	nq	95

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

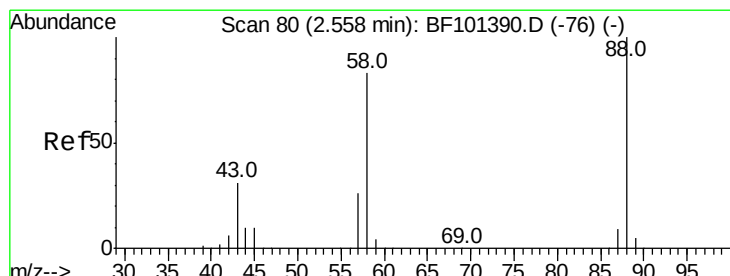
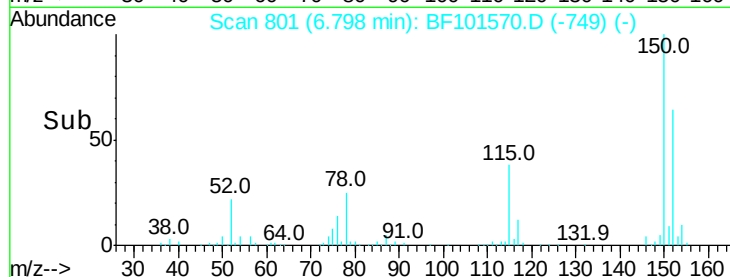
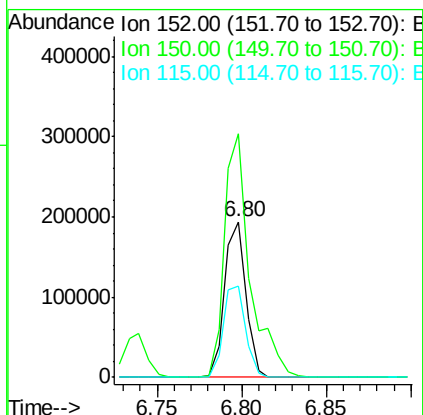
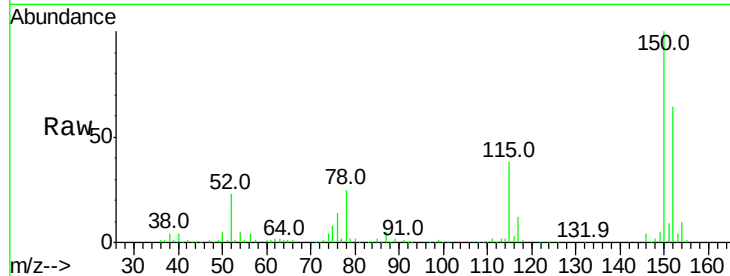


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

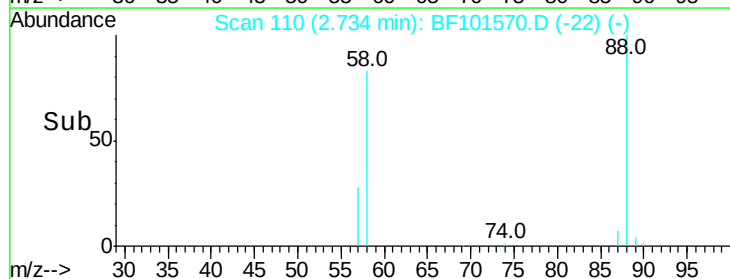
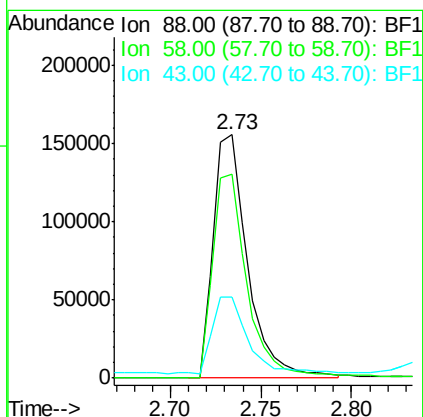
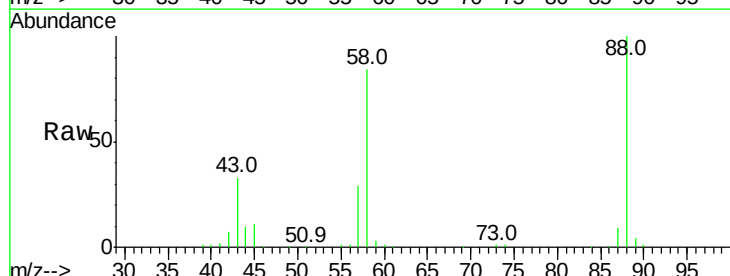
Tot Ion:152 Resp: 171062
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.1 50.1 75.1

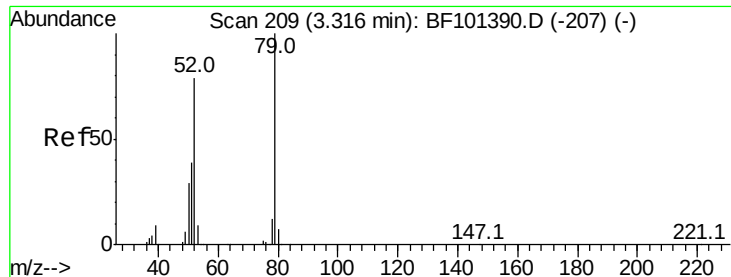


#2

1,4-Dioxane
Concen: 34.804 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.22 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion: 88 Resp: 205373
Ion Ratio Lower Upper
88 100
58 84.4 62.6 93.8
43 31.7 24.6 37.0

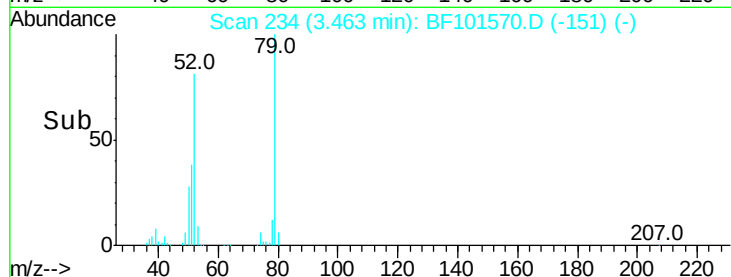
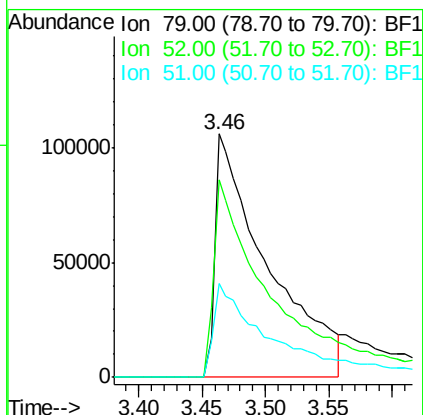
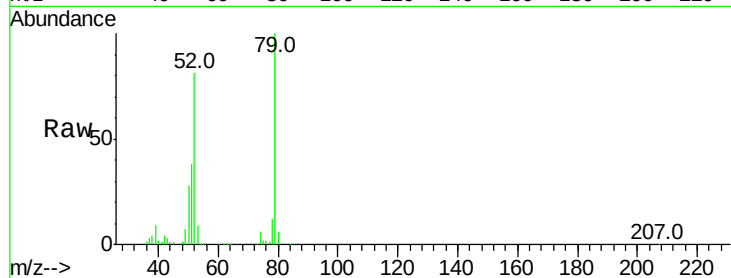




#3
 Pvridine
 Concen: 18.570 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.19 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

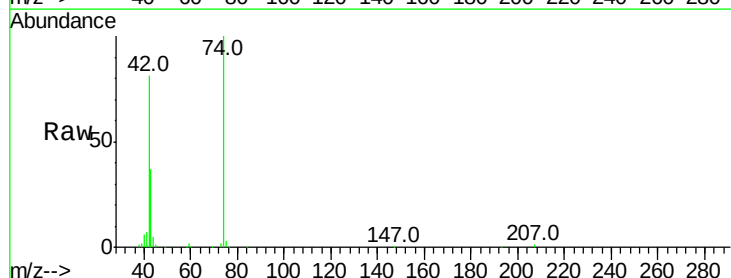
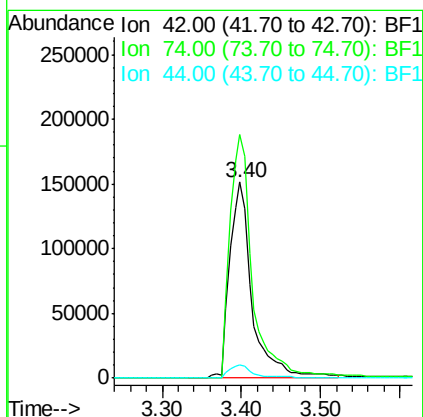
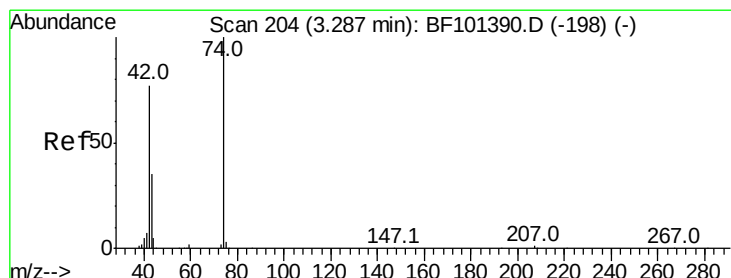
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

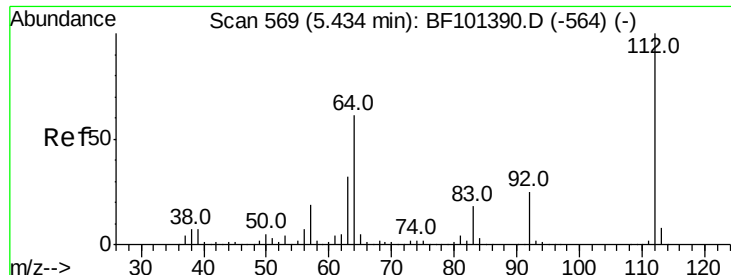
Tot Ion: 79 Resp: 304453
 Ion Ratio Lower Upper
 79 100
 52 81.2 59.8 89.6
 51 38.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.754 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.16 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion: 42 Resp: 292538
 Ion Ratio Lower Upper
 42 100
 74 124.2 104.9 157.3
 44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 106.661 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.03 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

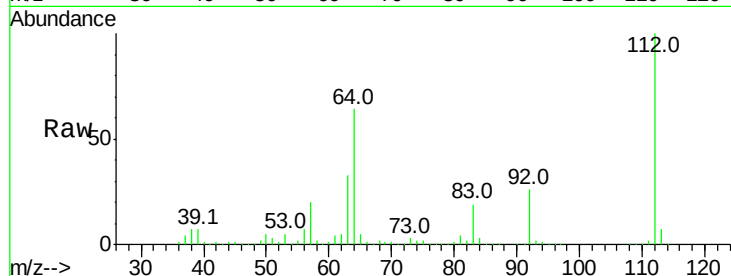
Tot Ion:112 Resp: 1224889

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

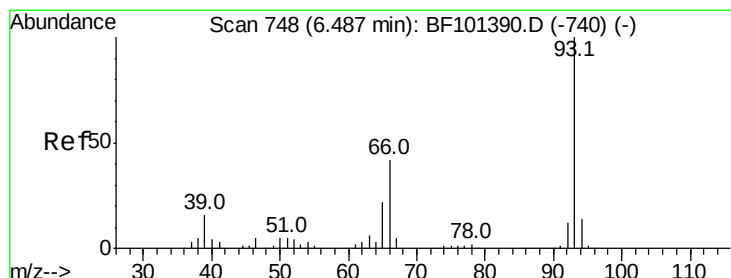
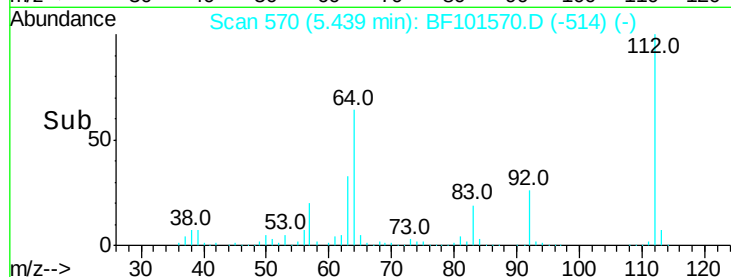
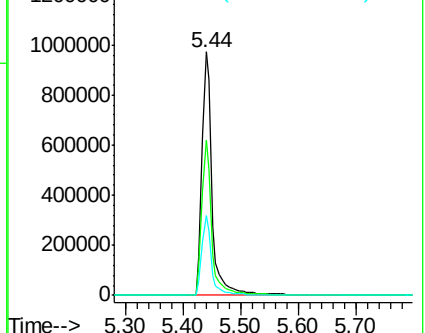
63 32.7 23.7 35.5



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: 8.955 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

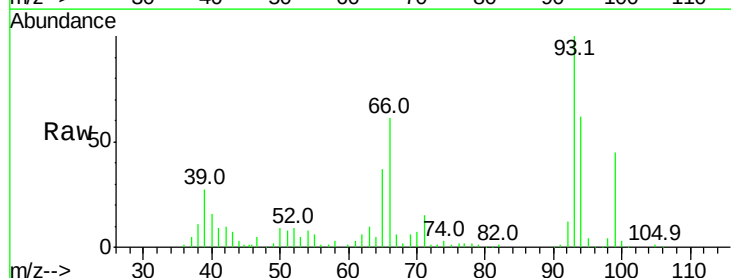
Tgt Ion: 93 Resp: 177864

Ion Ratio Lower Upper

93 100

66 61.2 32.2 48.2#

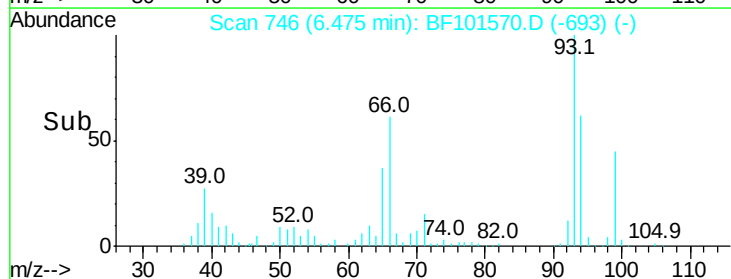
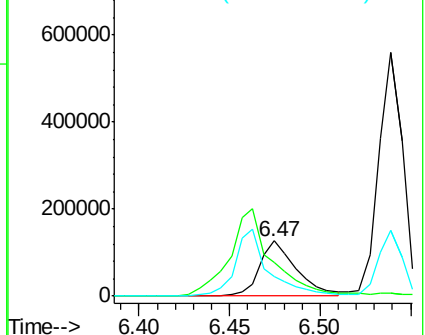
65 36.5 16.4 24.6#

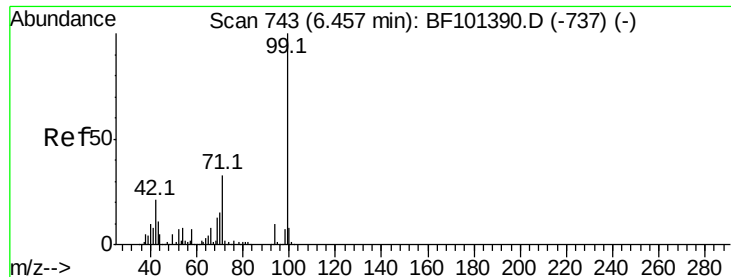


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.592 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

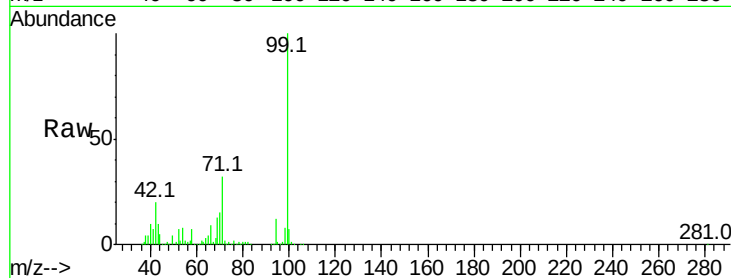
BNA_F

ClientSampleId :

OK-01-121817MSD

Tot Ion: 99 Resp: 1394797

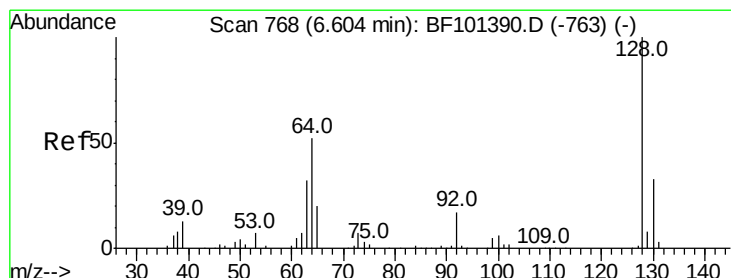
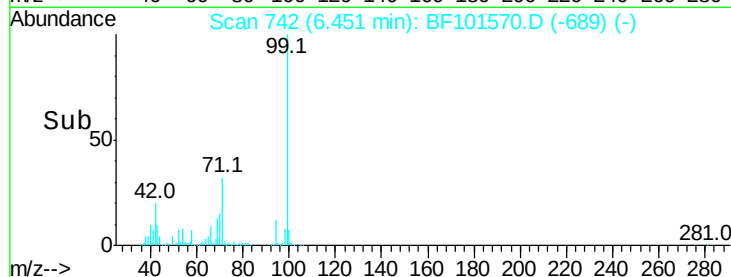
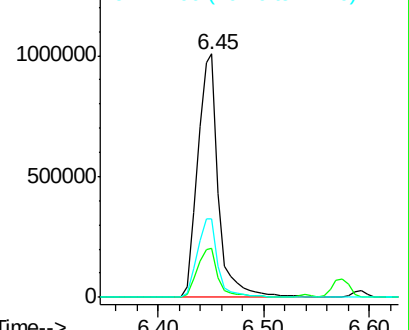
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.4	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.391 ng

RT: 6.59 min Scan# 766

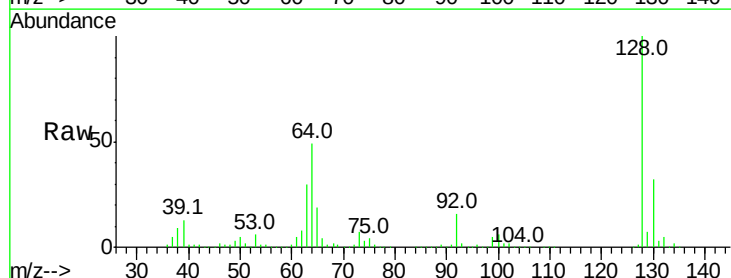
Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion: 128 Resp: 475861

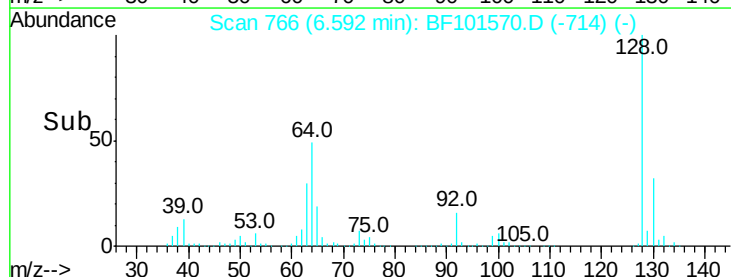
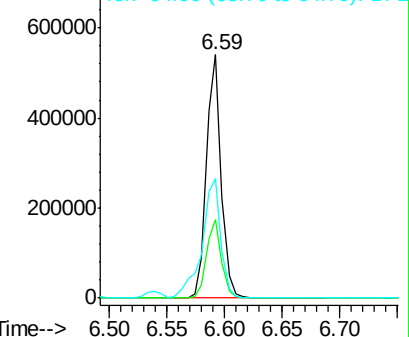
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	49.2	29.4	69.4

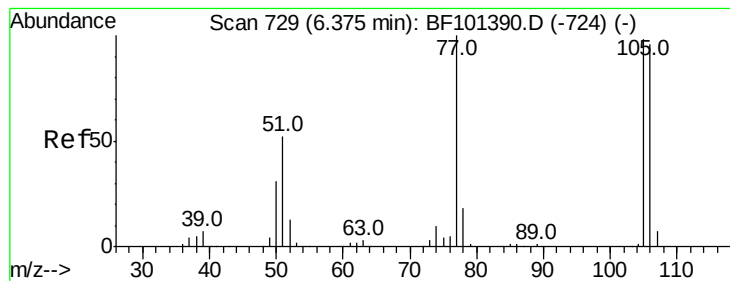


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.701 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

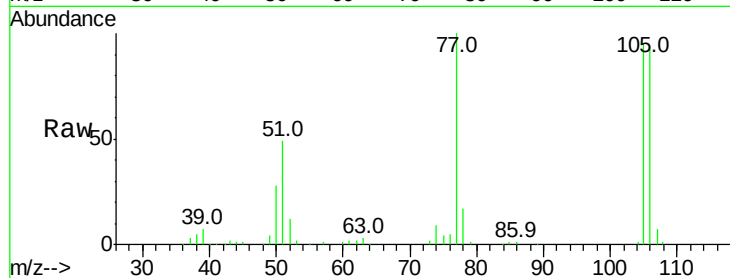
Tot Ion: 77 Resp: 144618

Ion Ratio Lower Upper

77 100

105 95.2 81.1 121.1

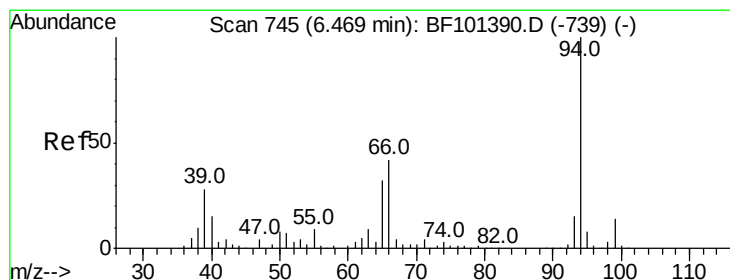
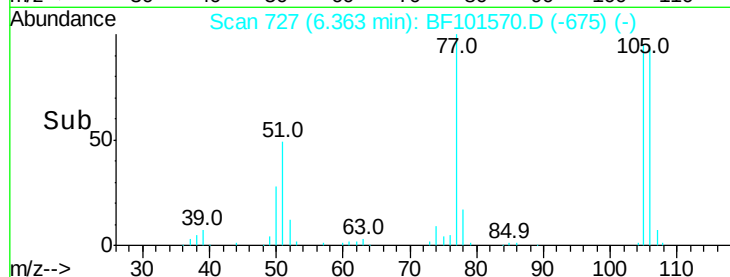
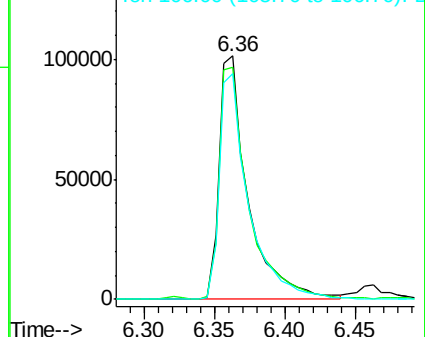
106 92.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.419 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

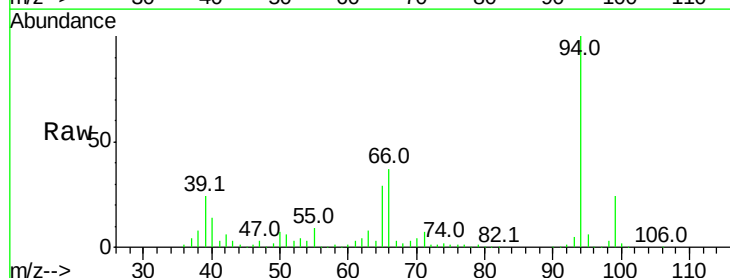
Tgt Ion: 94 Resp: 544383

Ion Ratio Lower Upper

94 100

65 28.7 7.9 47.9

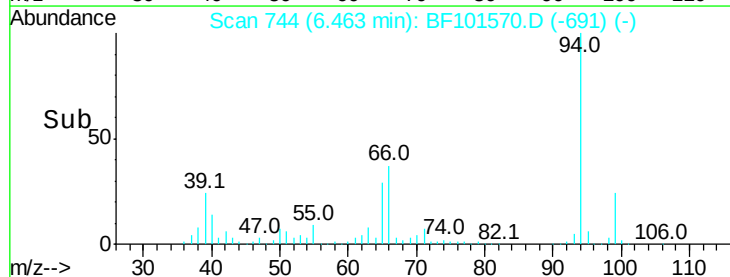
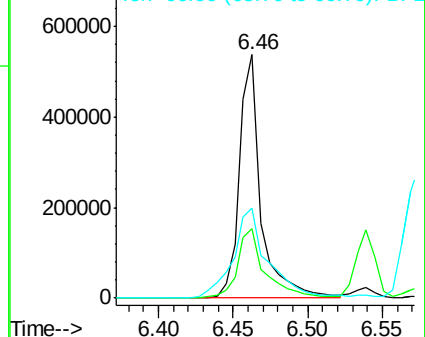
66 37.2 16.2 56.2

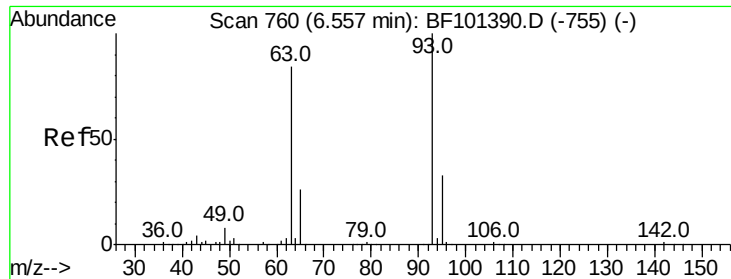


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

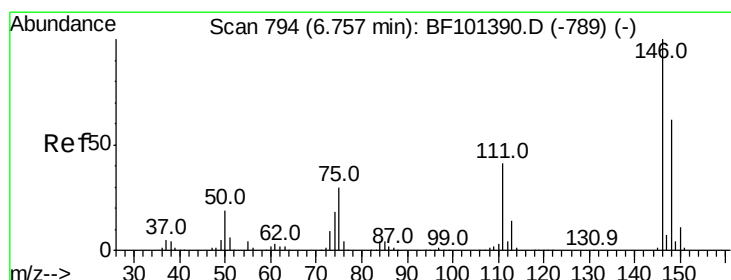
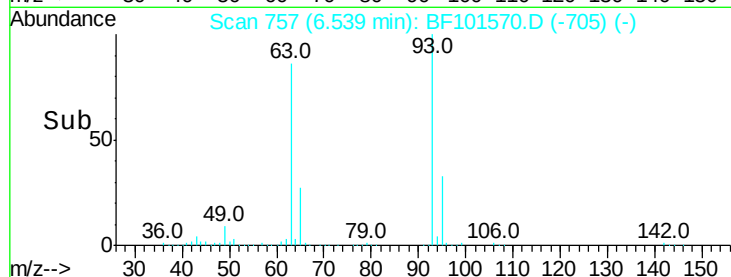
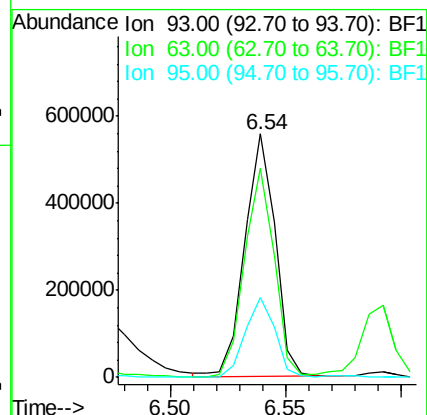
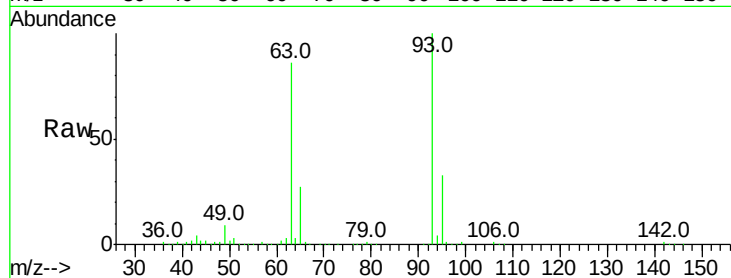




#11
bis(2-Chloroethyl)ether
Concen: 40.124 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

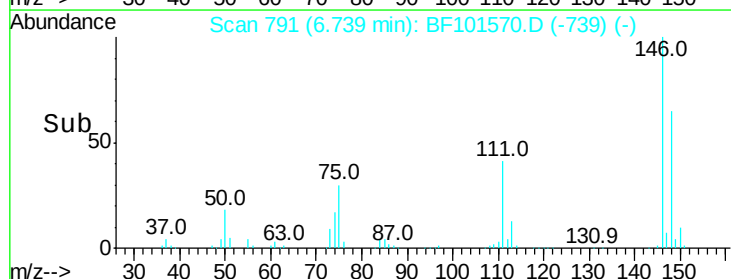
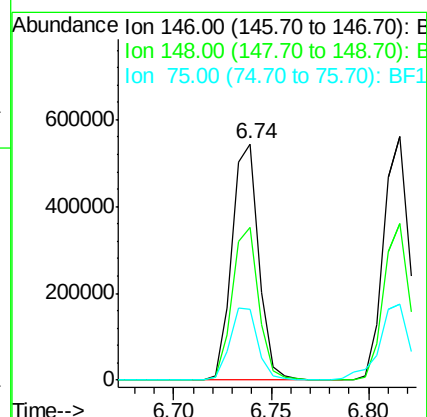
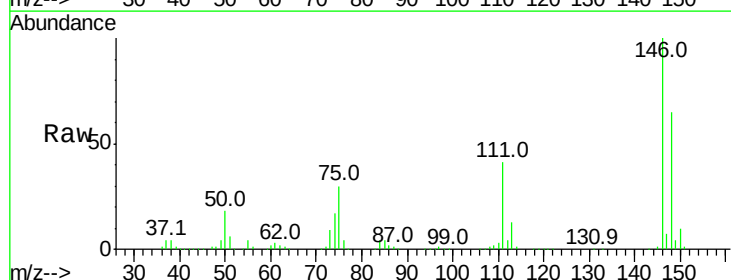
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

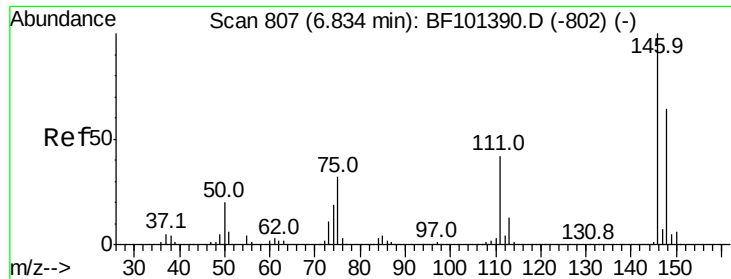
Tot Ion: 93 Resp: 512692
Ion Ratio Lower Upper
93 100
63 85.8 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.139 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion: 146 Resp: 519997
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 29.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.803 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

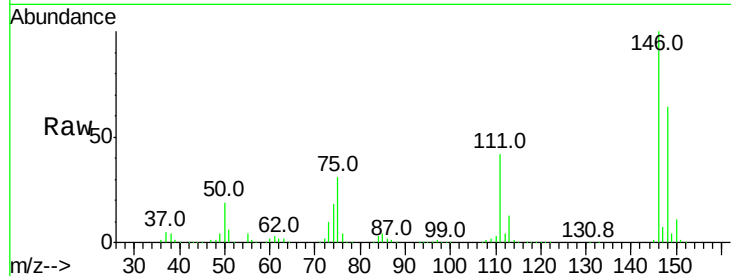
Tot Ion:146 Resp: 526328

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

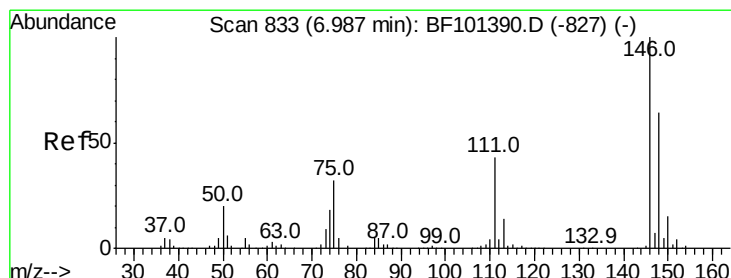
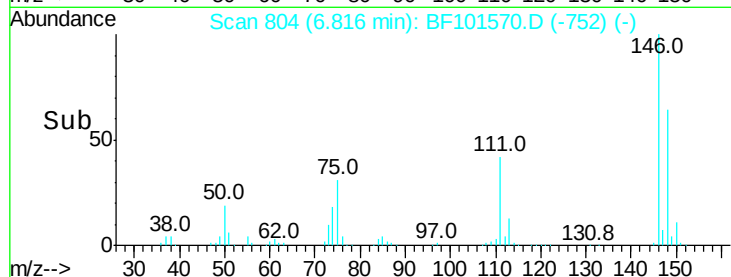
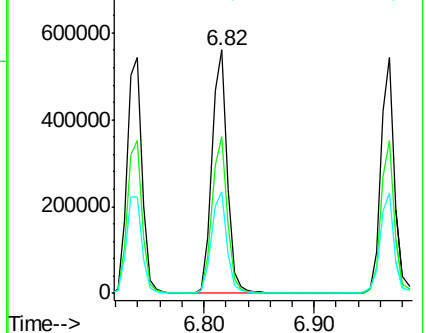
111 41.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.613 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

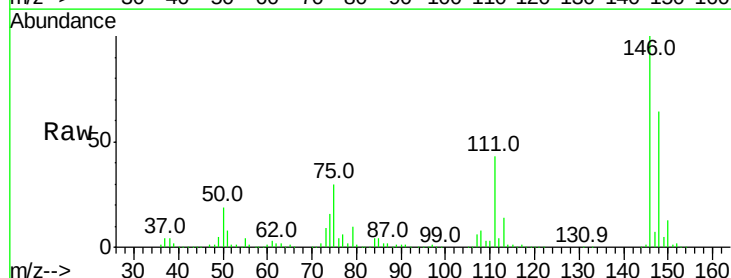
Tgt Ion:146 Resp: 471373

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

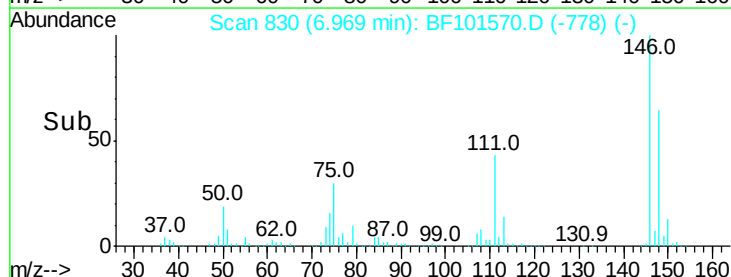
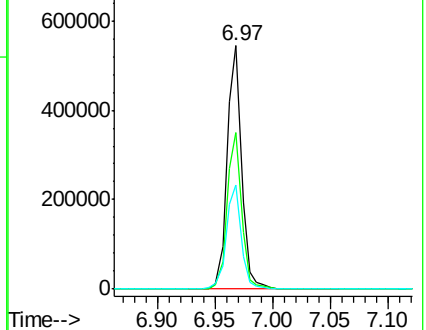
111 42.5 36.0 54.0

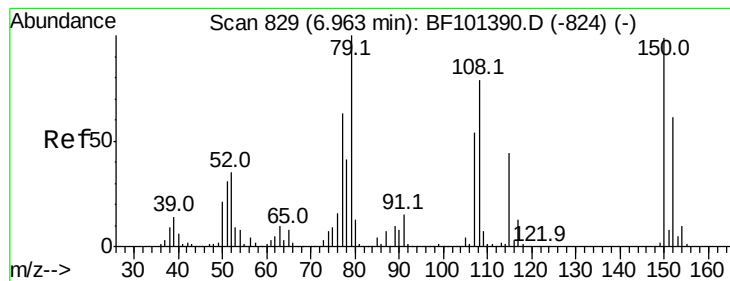


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.894 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

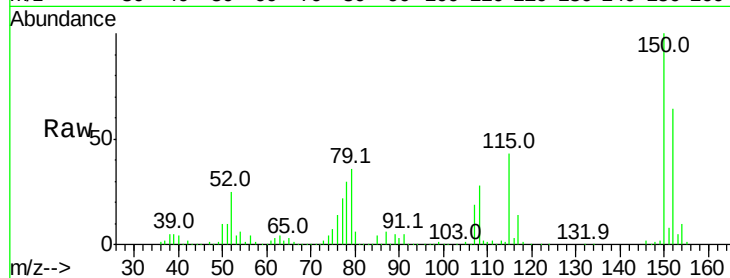
Tot Ion: 79 Resp: 353103

Ion Ratio Lower Upper

79 100

108 78.7 65.1 97.7

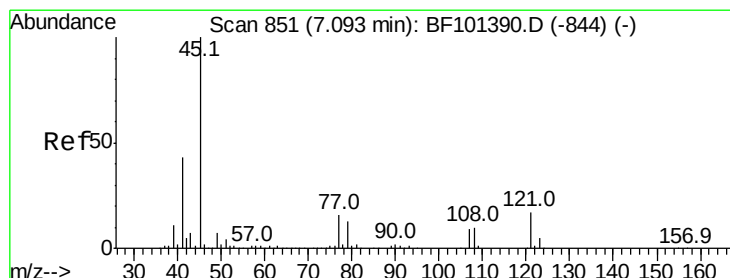
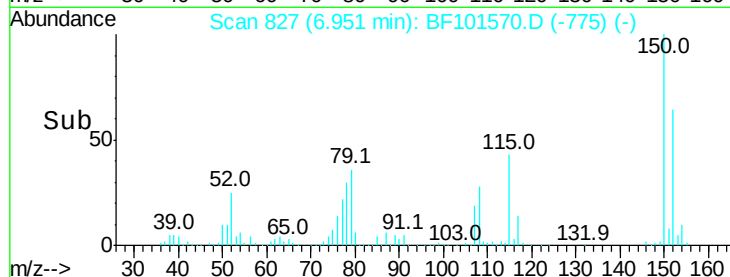
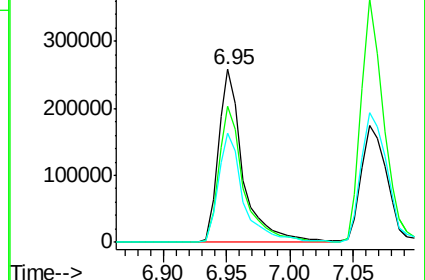
77 62.9 50.6 75.8



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: 42.305 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

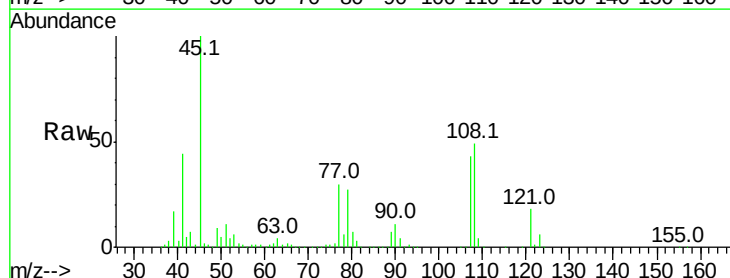
Tgt Ion: 45 Resp: 827302

Ion Ratio Lower Upper

45 100

77 30.3 0.0 32.9

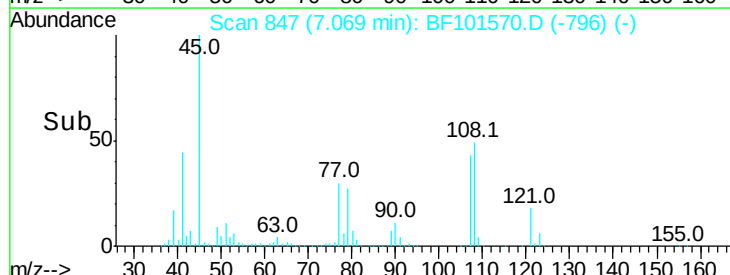
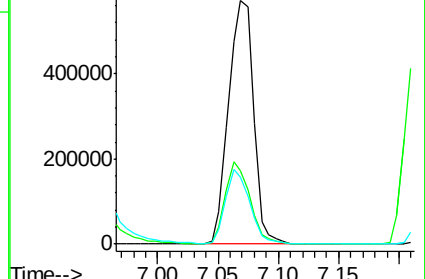
79 27.3 0.0 29.6

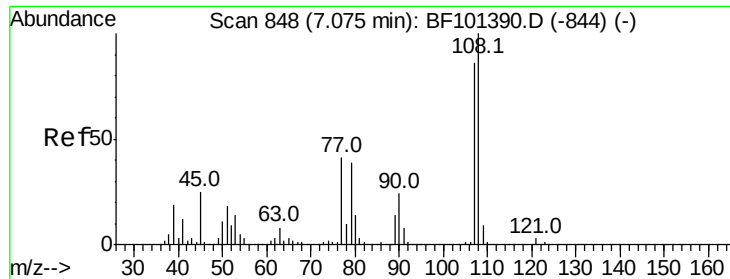


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

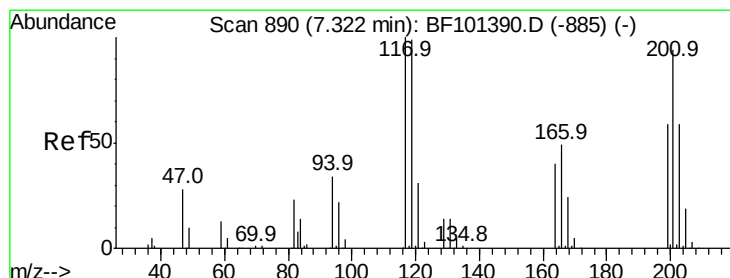
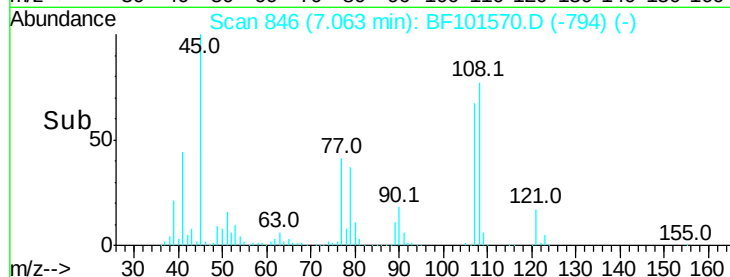
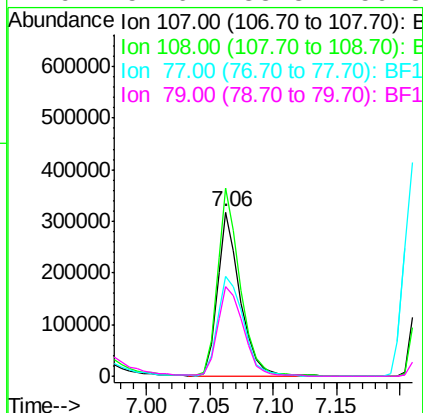
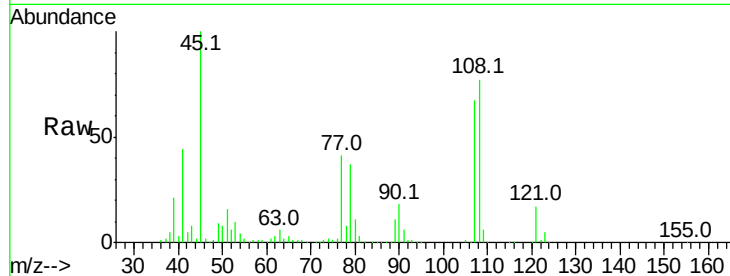




#17
2-Methylphenol
Concen: 35.379 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

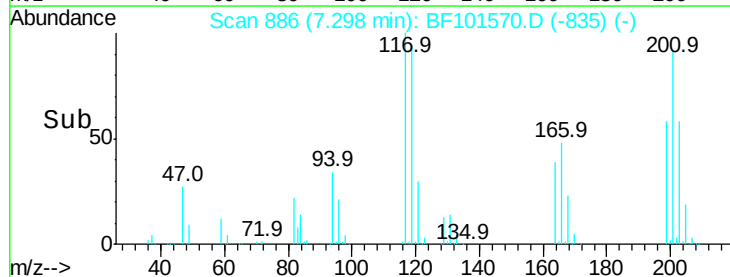
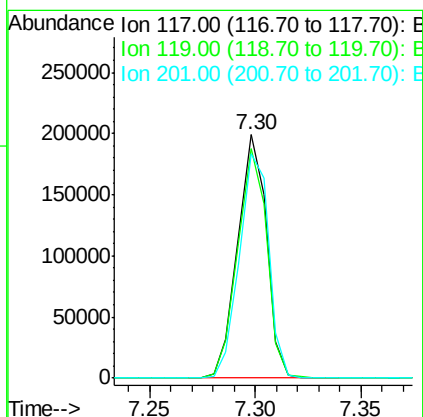
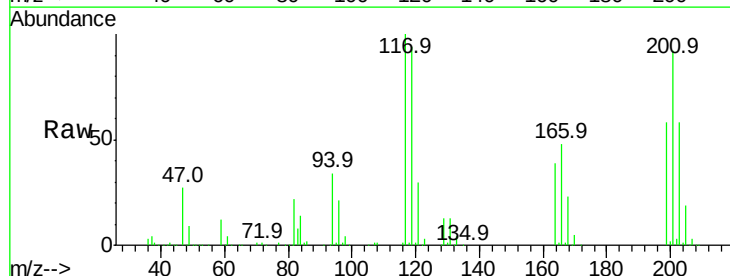
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

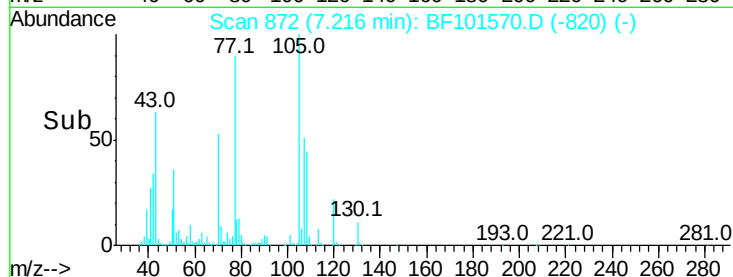
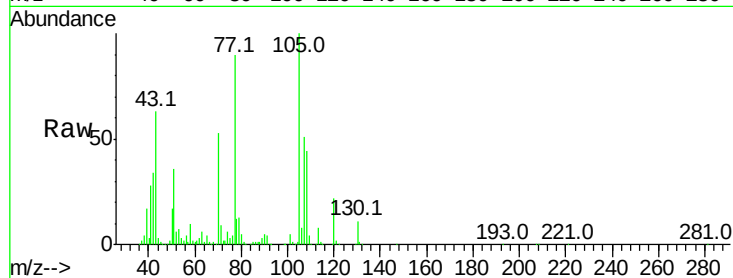
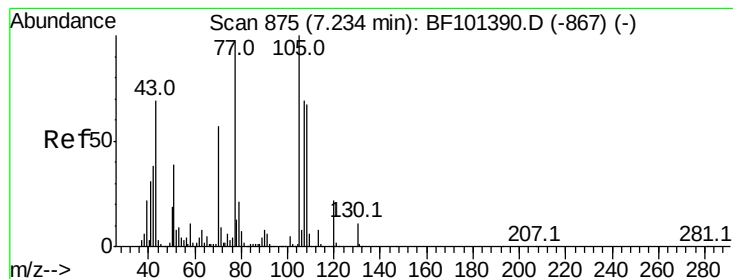
Tot Ion:107 Resp: 393140
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 60.5 33.8 50.8#
79 54.6 33.8 50.8#



#18
Hexachloroethane
Concen: 38.883 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion:117 Resp: 188221
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 91.9 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.425 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

Tot Ion: 70 Resp: 341888

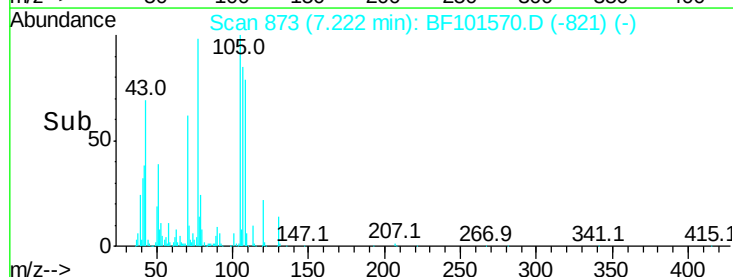
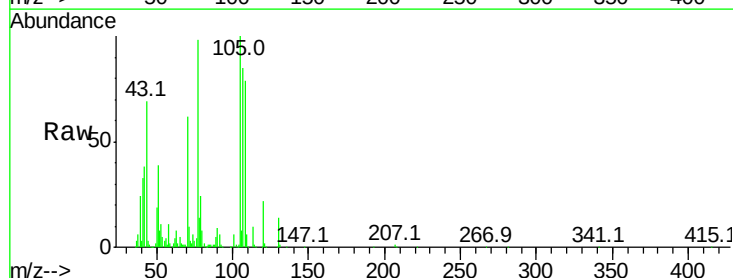
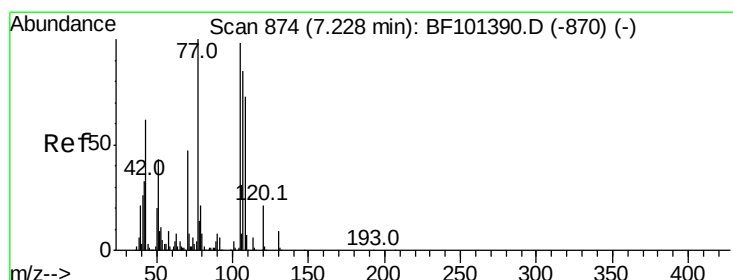
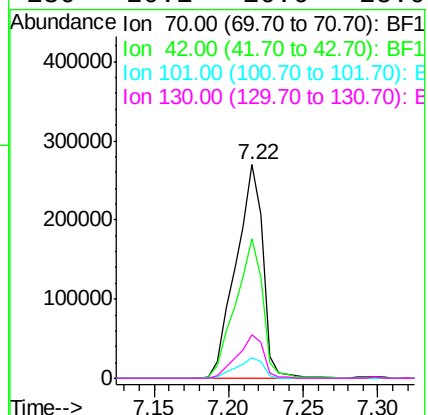
Ion Ratio Lower Upper

70 100

42 65.3 47.5 71.3

101 9.7 7.4 11.2

130 20.1 16.6 25.0



#20

3+4-Methylphenols

Concen: 42.228 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion: 107 Resp: 497249

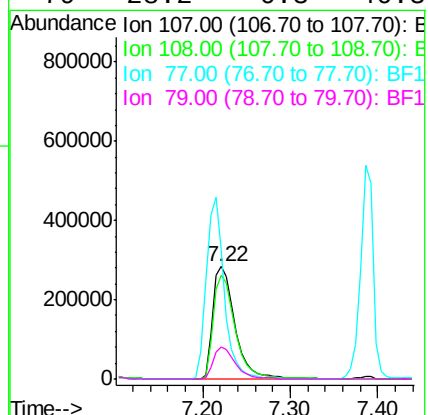
Ion Ratio Lower Upper

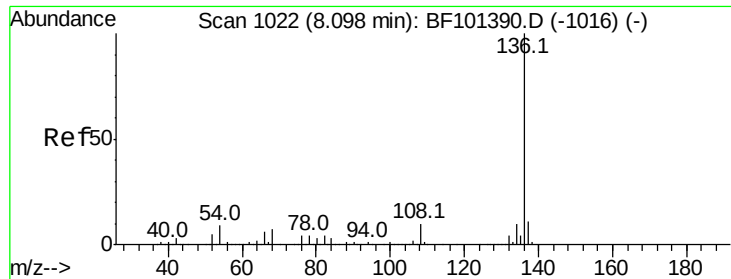
107 100

108 92.7 68.2 108.2

77 115.3 26.7 66.7#

79 28.2 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: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

Tot Ion:136 Resp: 679764

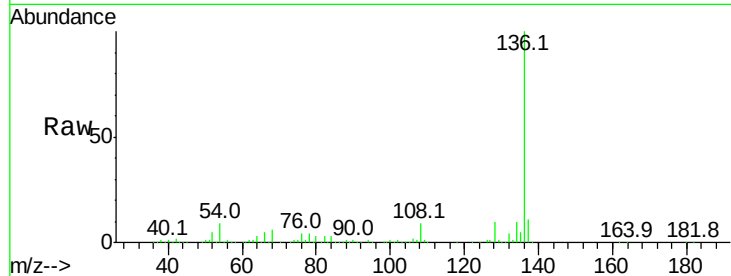
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.7 6.6 9.8

68 6.2 5.0 7.4

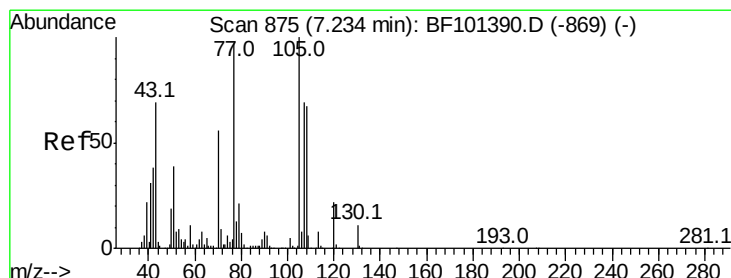
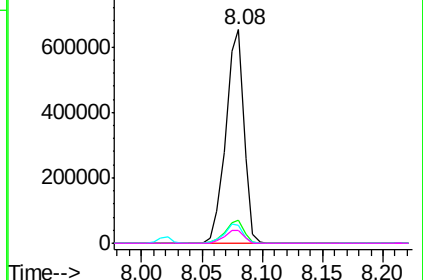
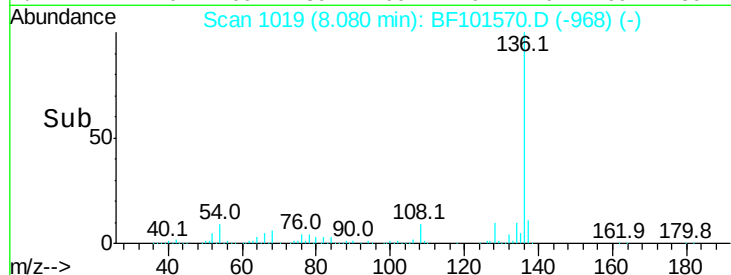


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.146 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:105 Resp: 669216

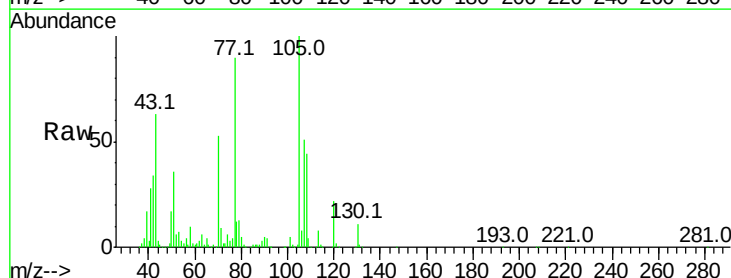
Ion Ratio Lower Upper

105 100

71 8.8 4.4 6.6#

51 35.8 22.3 33.5#

120 21.5 16.9 25.3

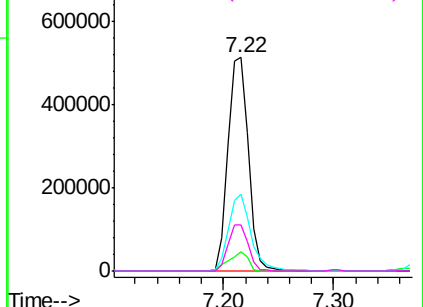
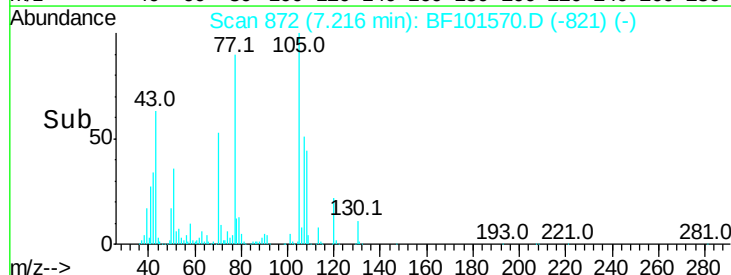


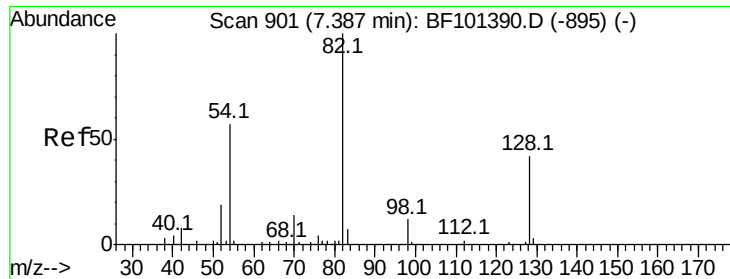
Abundance Ion 105.00 (104.70 to 105.70): E

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

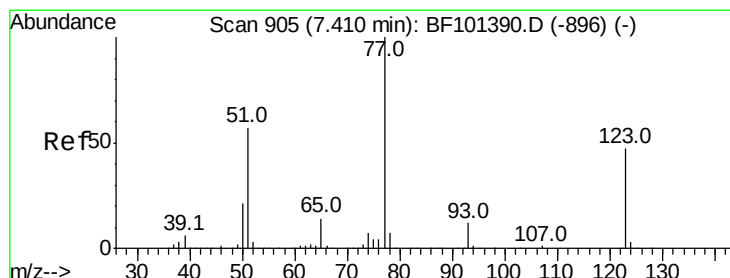
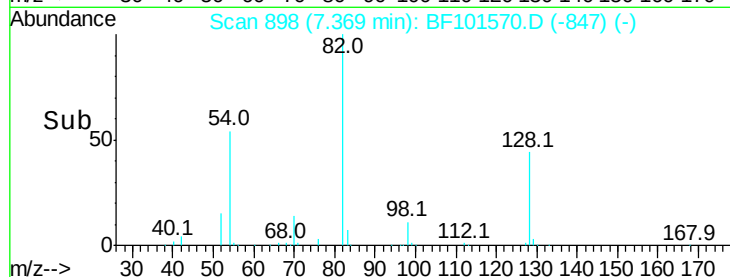
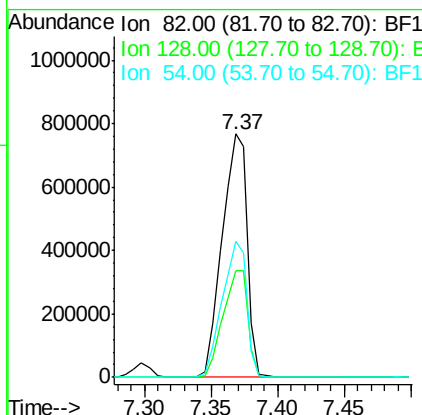
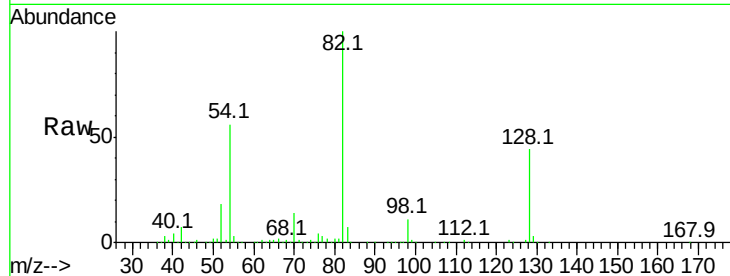




#23
 Nitrobenzene-d5
 Concen: 83.586 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

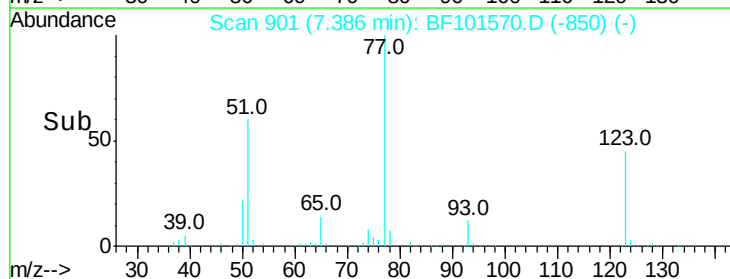
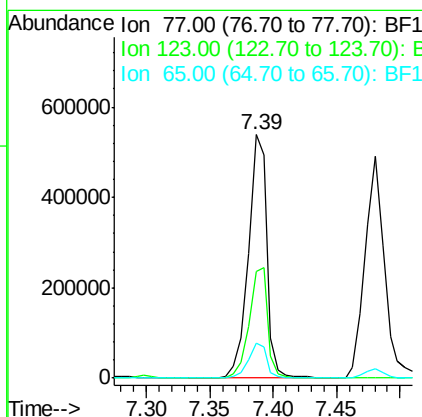
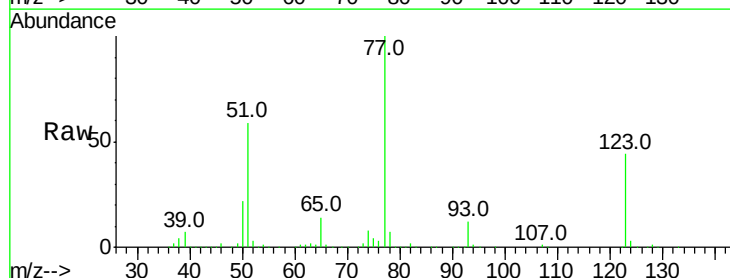
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

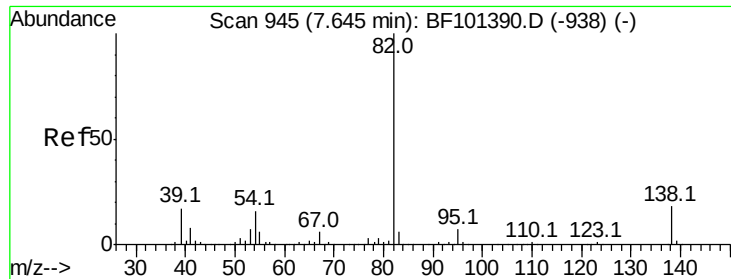
Tot Ion: 82 Resp: 1020711
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 55.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.545 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion: 77 Resp: 547965
 Ion Ratio Lower Upper
 77 100
 123 43.6 37.9 56.9
 65 14.1 11.0 16.4





#25

Isophorone

Concen: 41.976 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

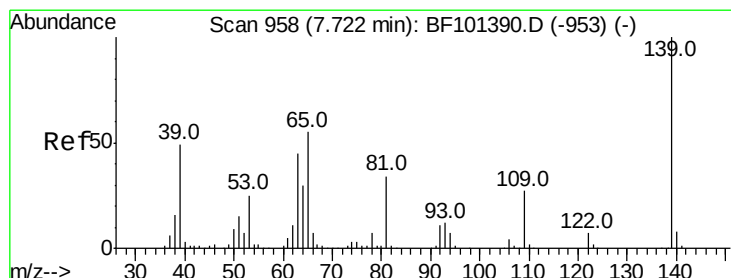
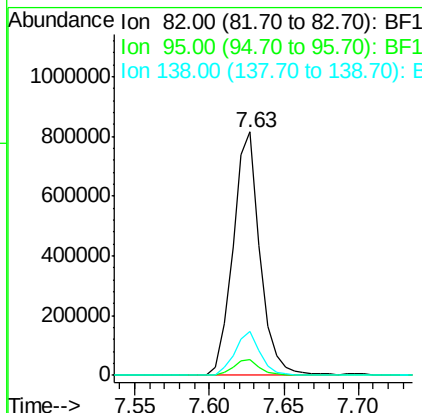
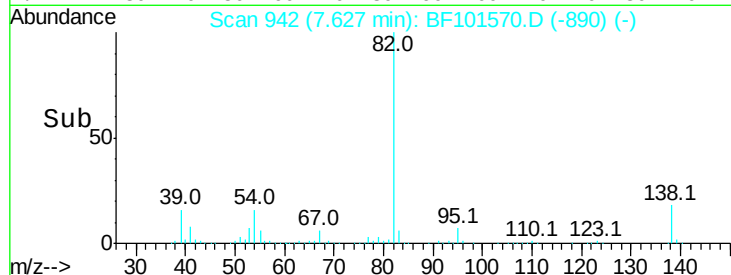
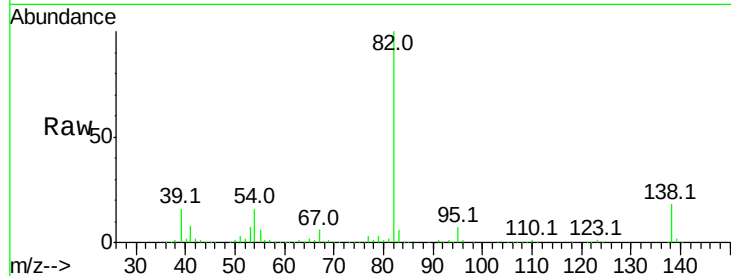
Tot Ion: 82 Resp: 1028297

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 46.443 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

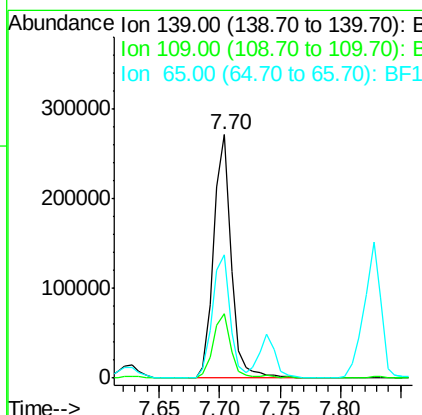
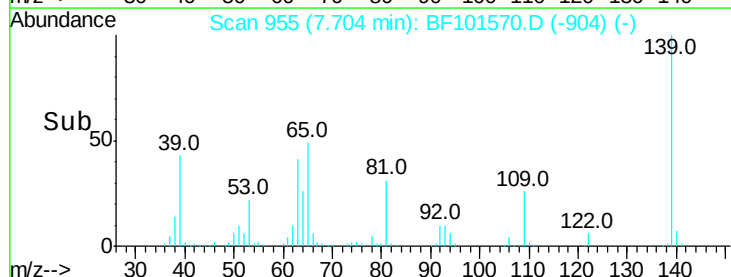
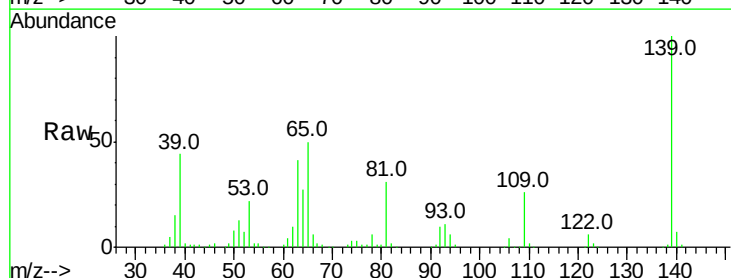
Tgt Ion:139 Resp: 269663

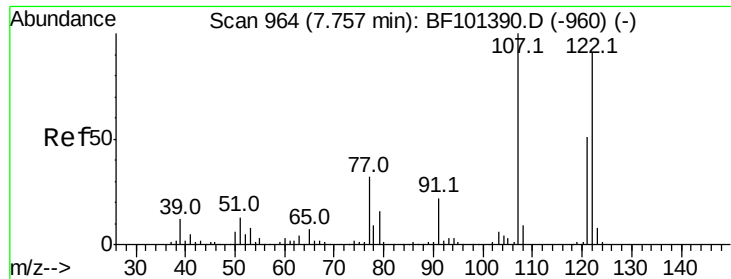
Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

65 50.4 40.5 60.7

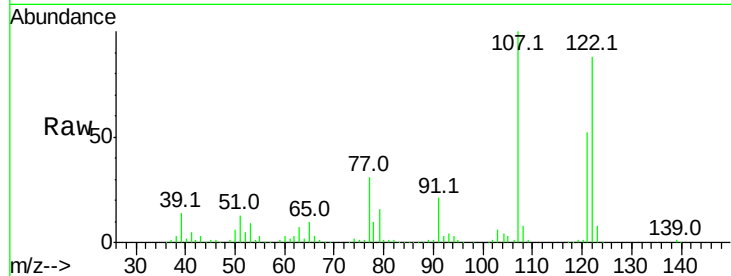




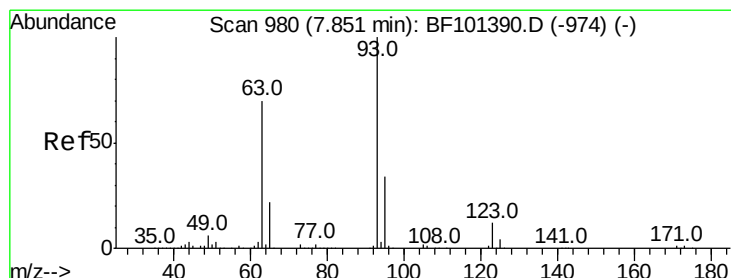
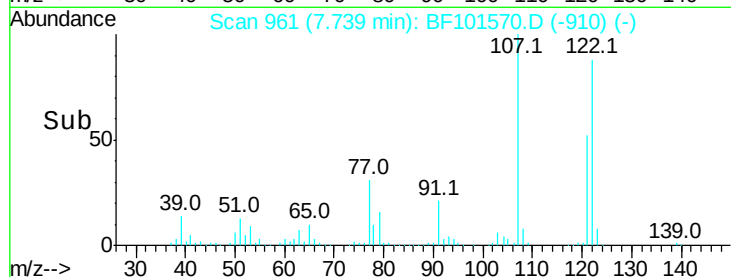
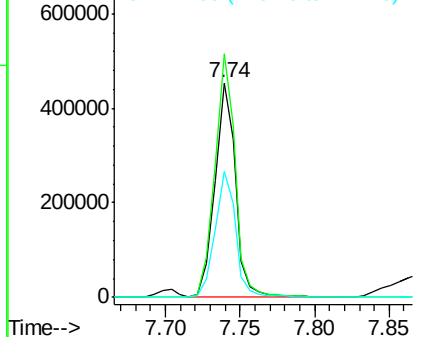
#27
2,4-Dimethylphenol
Concen: 44.257 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tot Ion:122 Resp: 436558
Ion Ratio Lower Upper
122 100
107 113.4 91.2 136.8
121 58.5 47.2 70.8

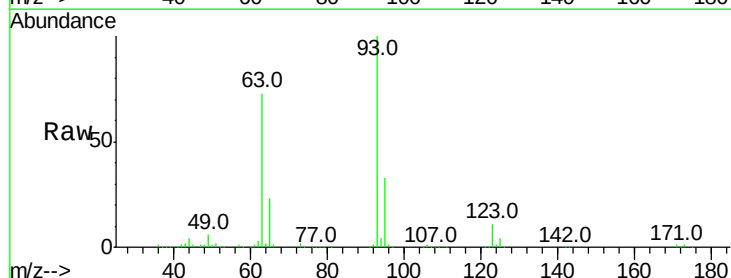


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

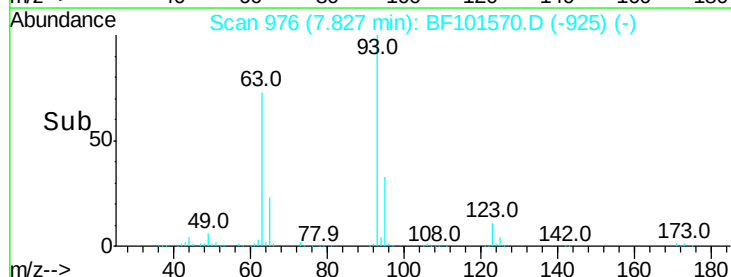
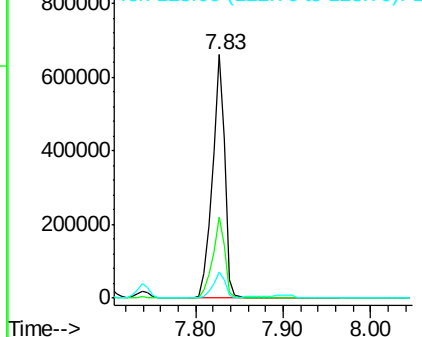


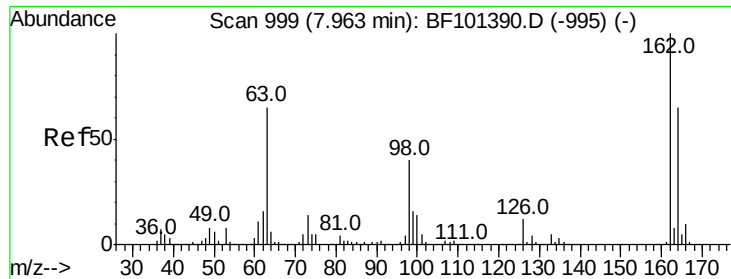
#28
bis(2-Chloroethoxy)methane
Concen: 41.765 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion: 93 Resp: 649913
Ion Ratio Lower Upper
93 100
95 33.1 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

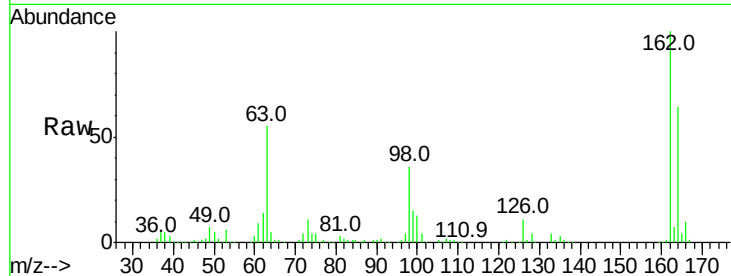




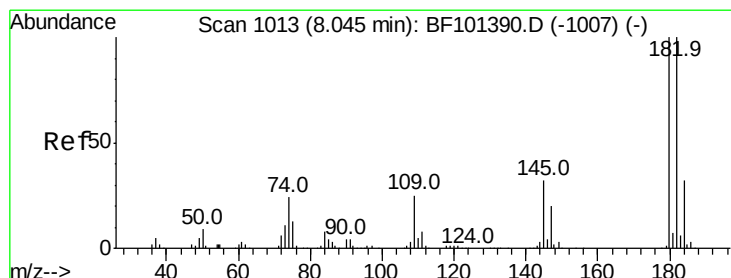
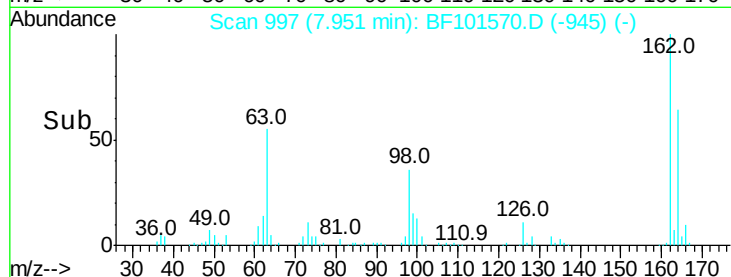
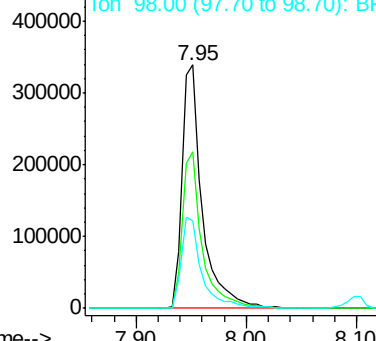
#29
 2,4-Dichlorophenol
 Concen: 43.458 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	35.7	18.1	58.1

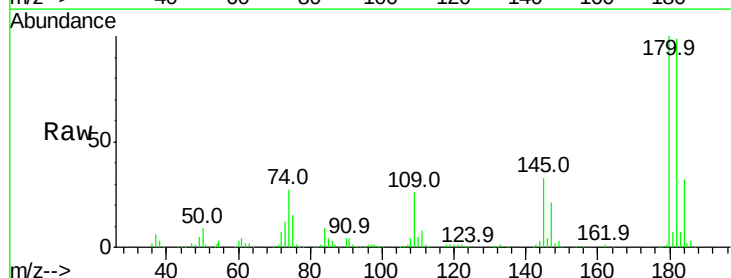


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

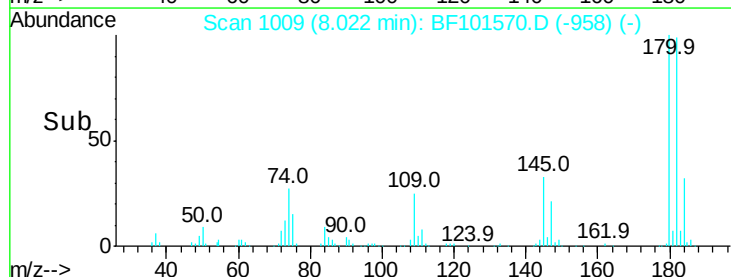
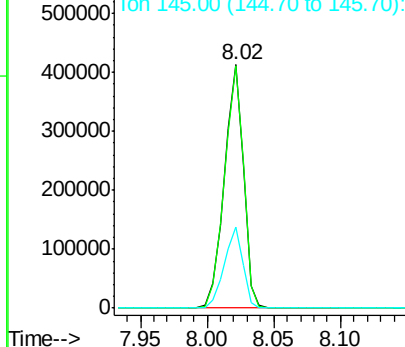


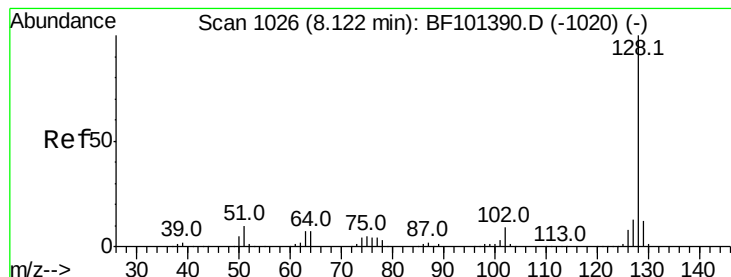
#30
 1,2,4-Trichlorobenzene
 Concen: 40.914 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	76.8	115.2
145	33.0	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.213 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

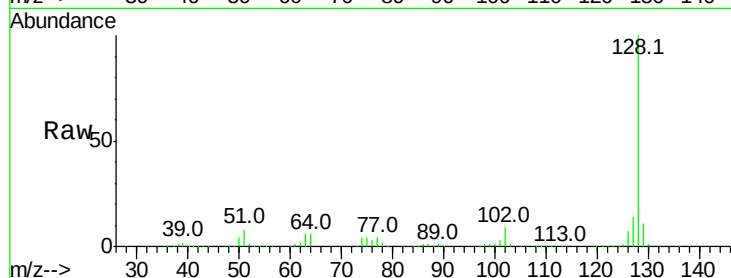
Tot Ion:128 Resp: 1376176

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

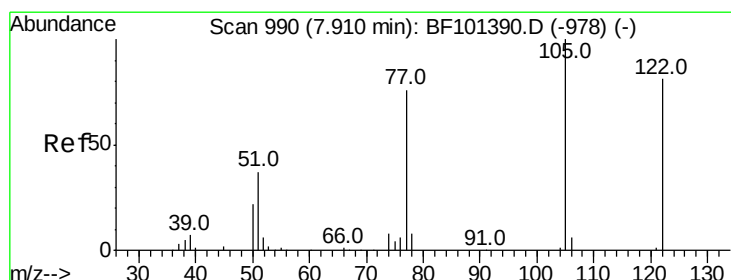
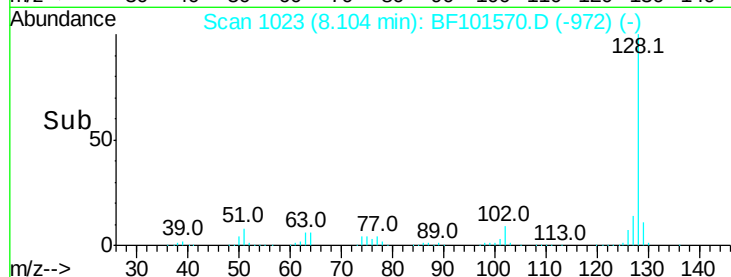
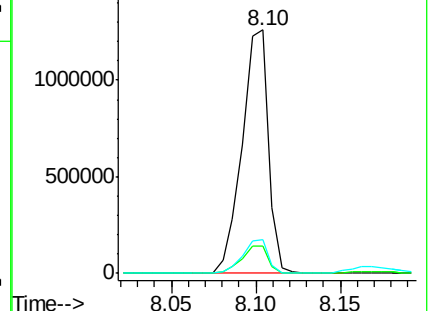
127 13.8 10.9 16.3



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: 43.616 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

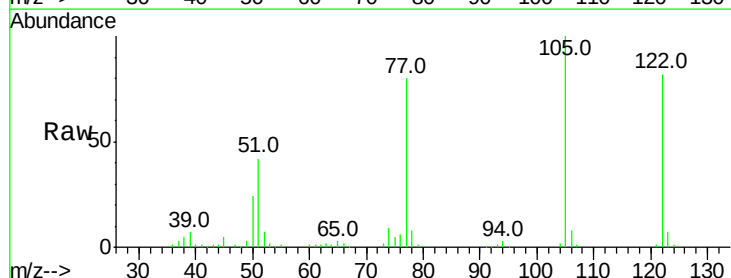
Tgt Ion:122 Resp: 284097

Ion Ratio Lower Upper

122 100

105 121.4 101.1 141.1

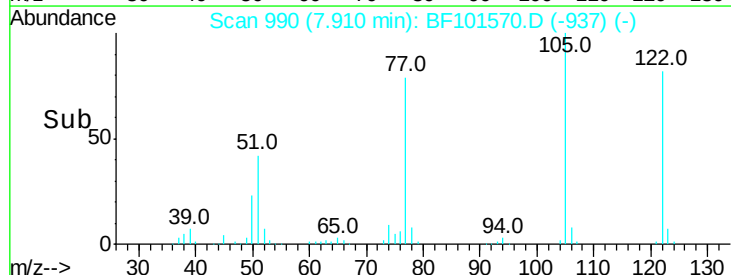
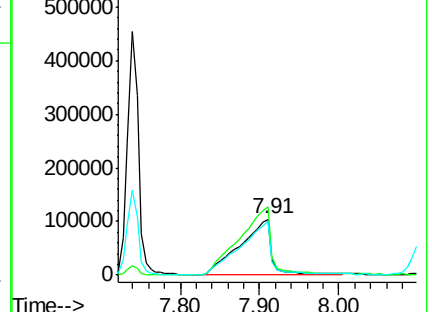
77 97.0 70.7 110.7

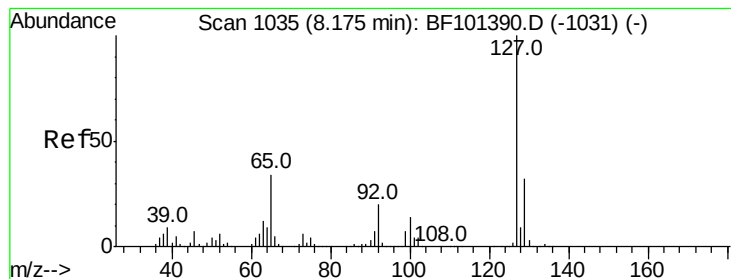


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

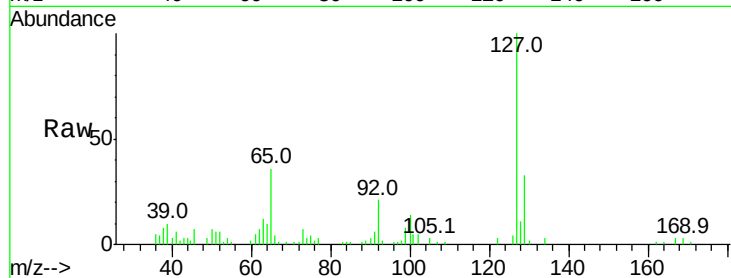




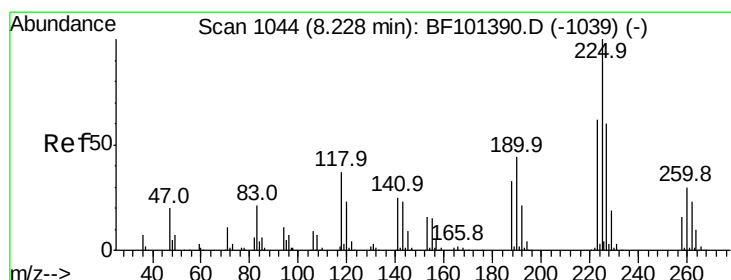
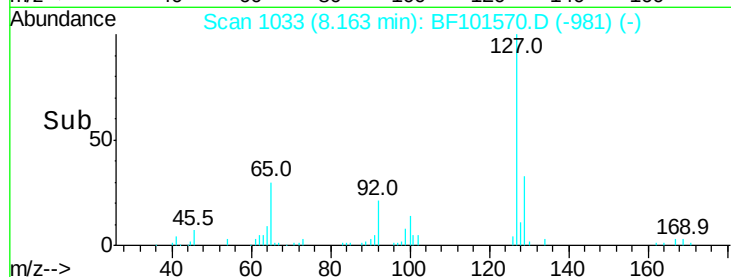
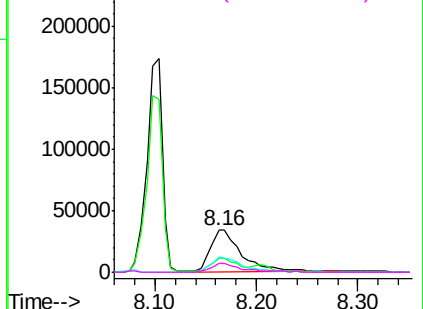
#33
 4-Chloroaniline
 Concen: 4.852 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tot Ion:	127	Resp:	72176
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	36.1	25.0	37.4
92	21.2	15.2	22.8

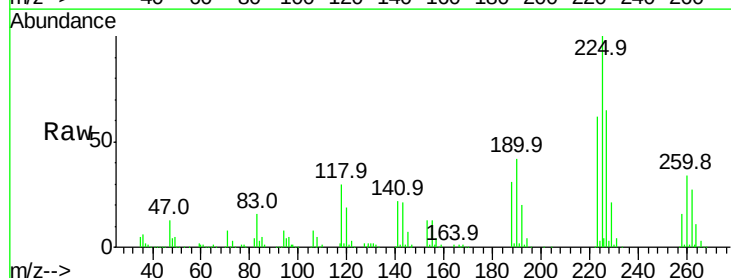


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

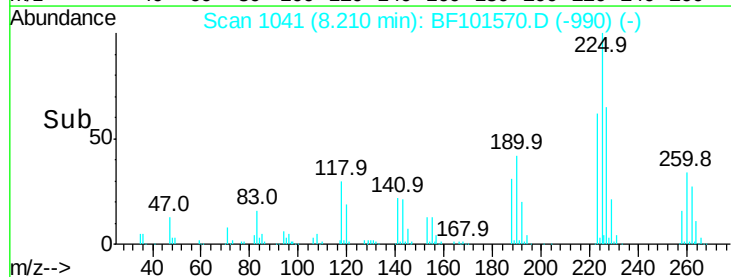
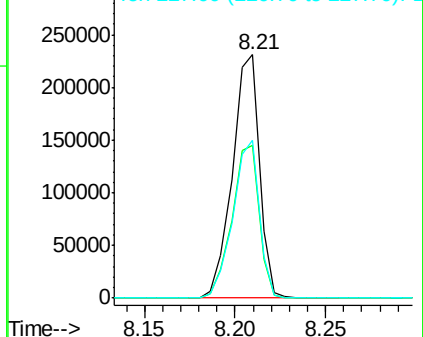


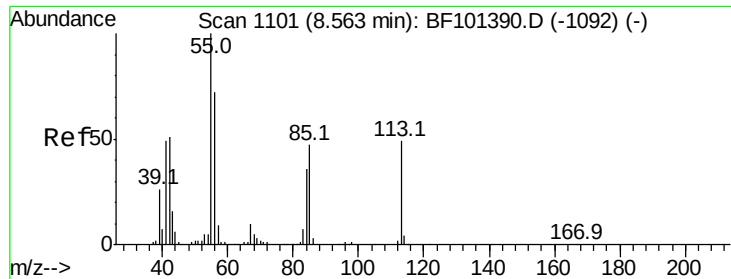
#34
 Hexachlorobutadiene
 Concen: 40.374 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:	225	Resp:	240151
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	64.6	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

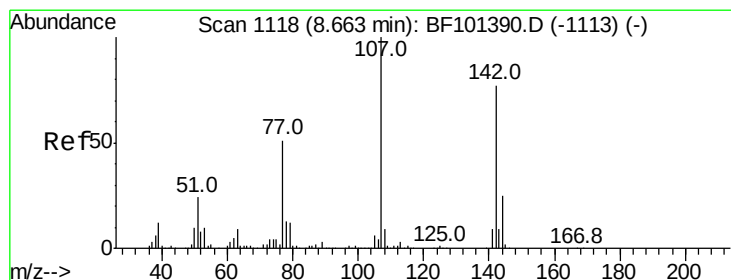
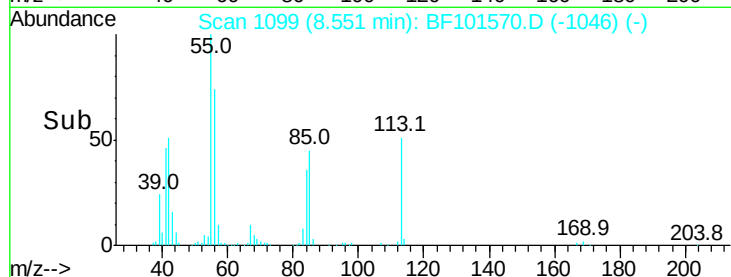
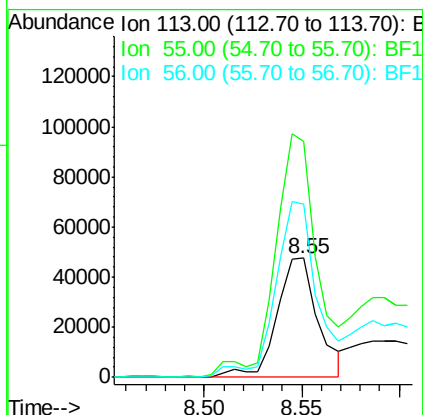
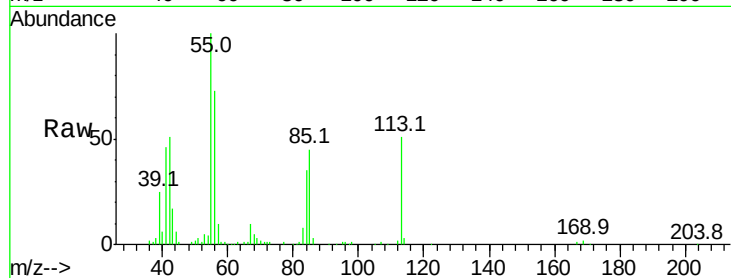




#35
 Caprolactam
 Concen: 20.557 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

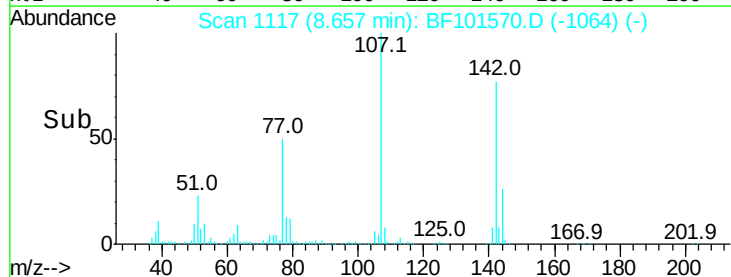
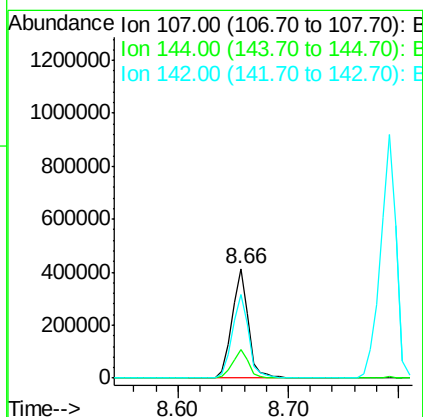
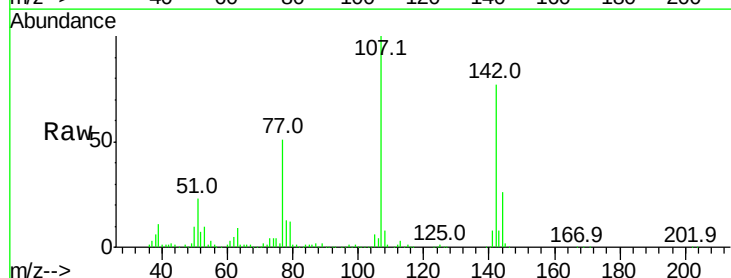
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

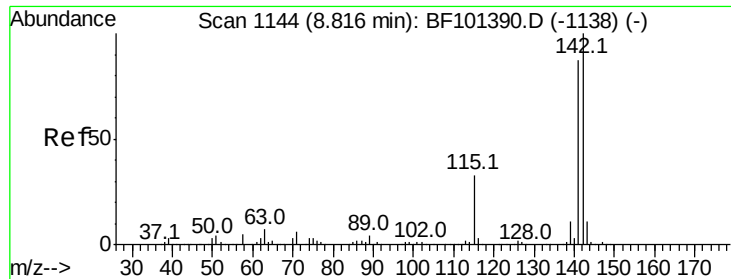
Tot Ion:113 Resp: 69563
 Ion Ratio Lower Upper
 113 100
 55 197.3 163.3 203.3
 56 144.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.213 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:107 Resp: 430728
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 76.9 62.0 93.0

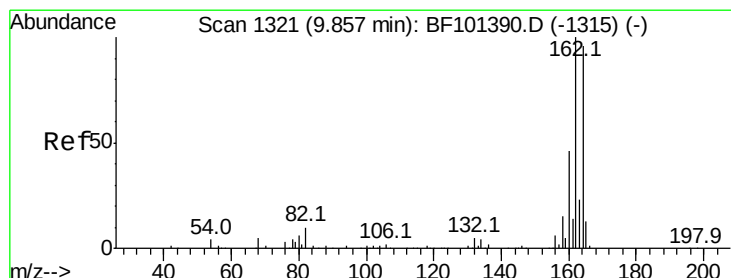
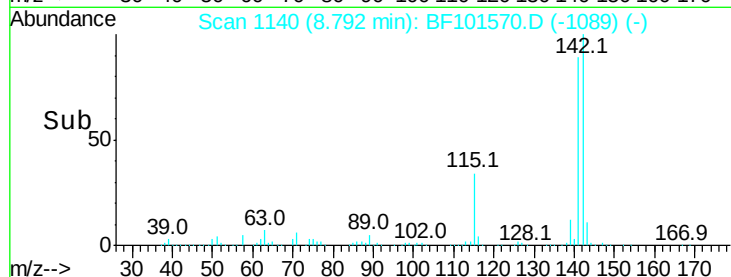
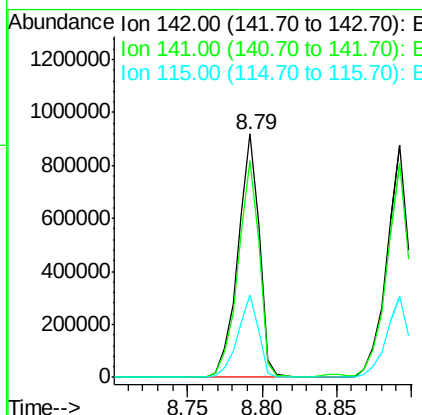
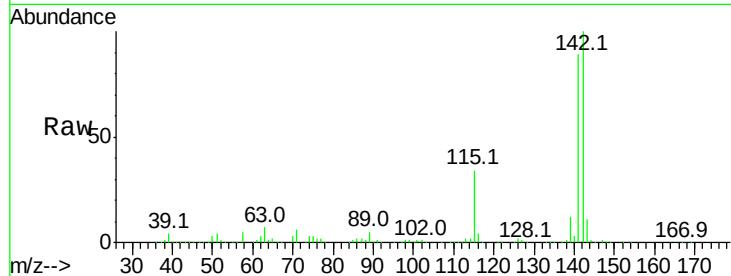




#37
 2-Methylnaphthalene
 Concen: 40.963 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

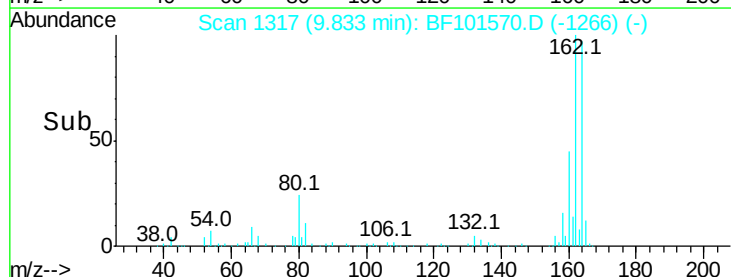
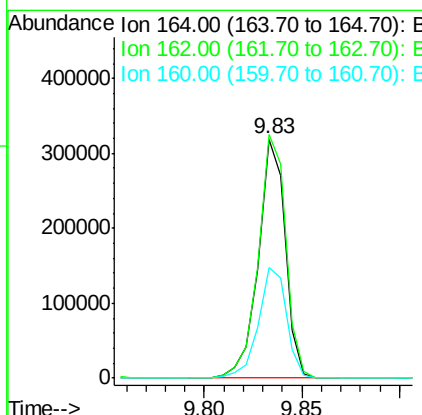
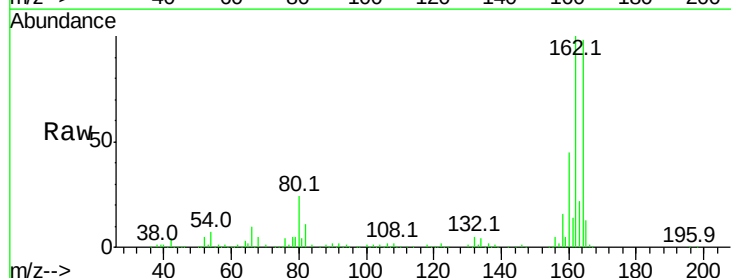
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

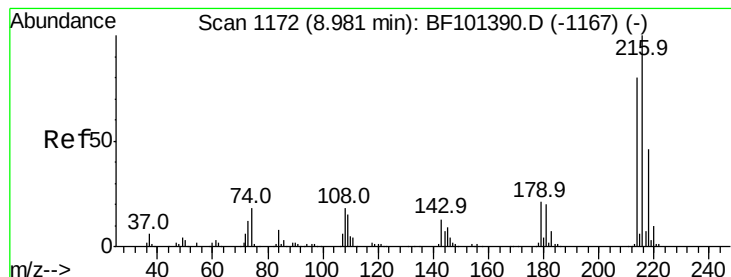
Tot Ion:	142	Resp:	913327
Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	33.6	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:	164	Resp:	305037
Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.516 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

Tot Ion:216 Resp: 437870

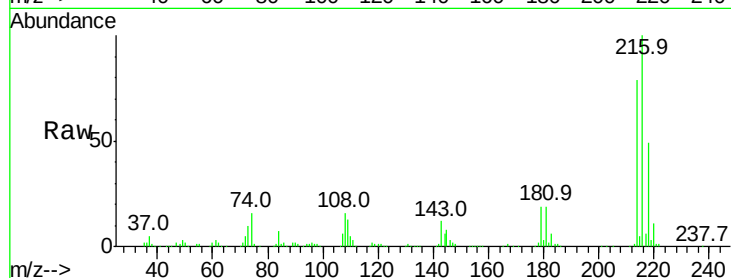
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 20.5 18.1 27.1

108 18.6 17.2 25.8

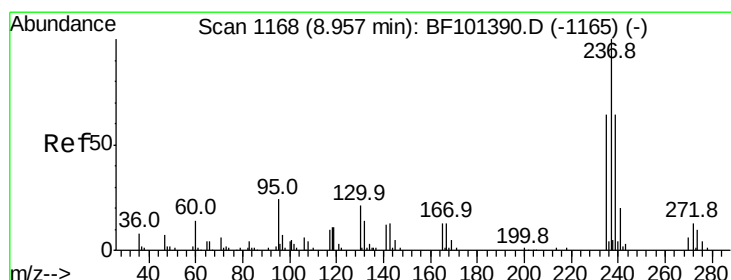
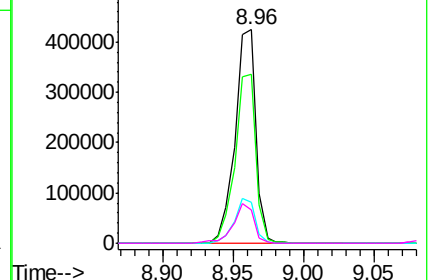
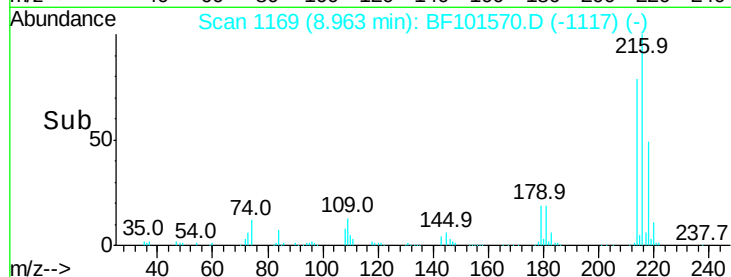


Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.259 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

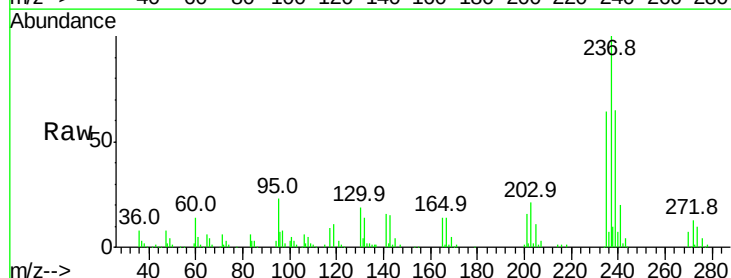
Tgt Ion:237 Resp: 88737

Ion Ratio Lower Upper

237 100

235 64.2 44.8 84.8

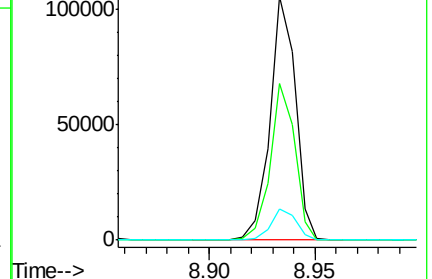
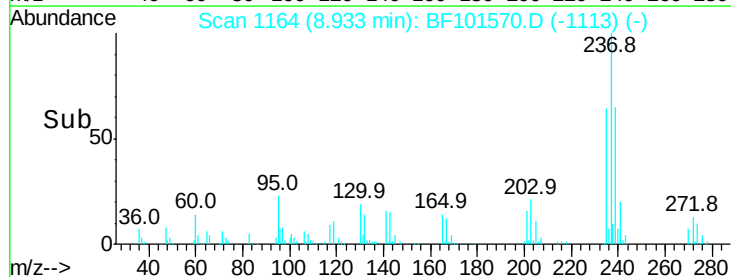
272 12.8 0.0 33.3

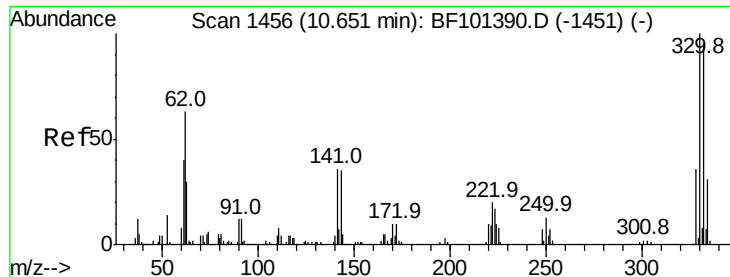


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

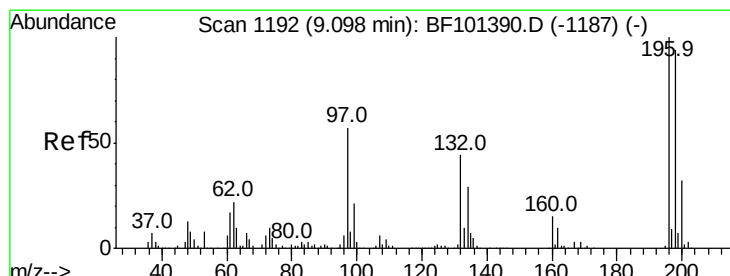
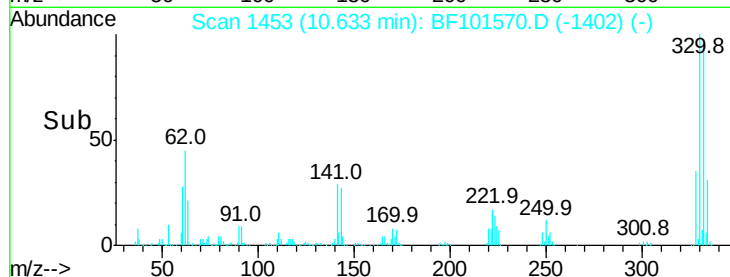
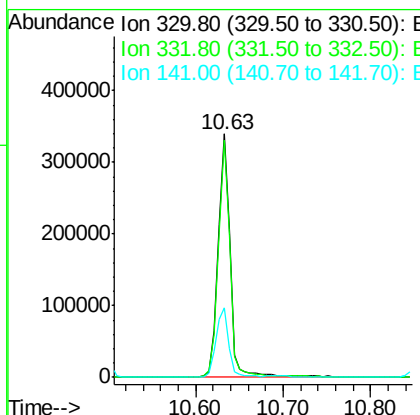
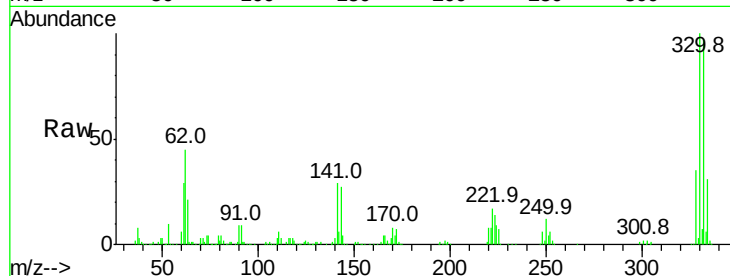




#41
 2,4,6-Tribromophenol
 Concen: 111.893 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

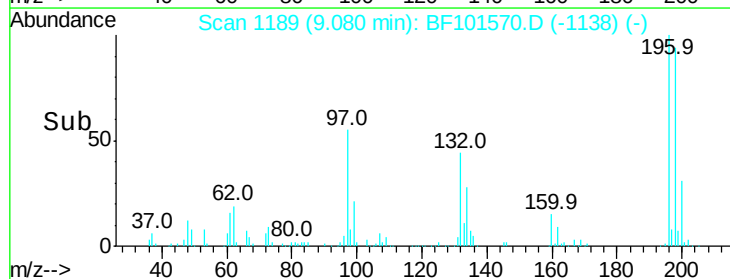
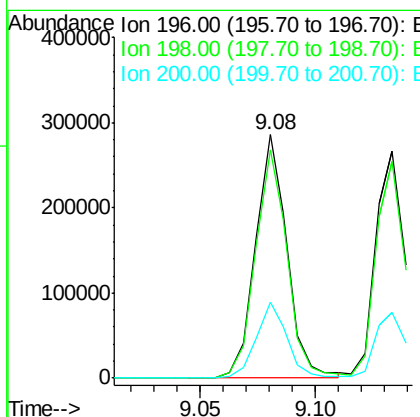
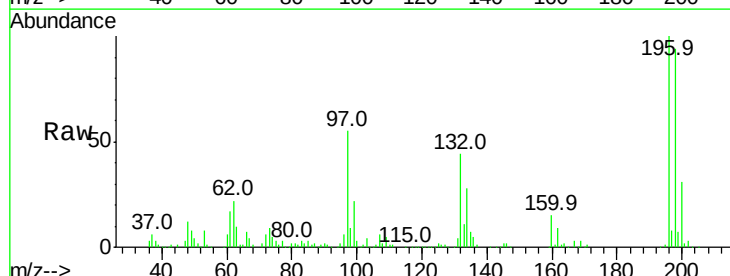
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

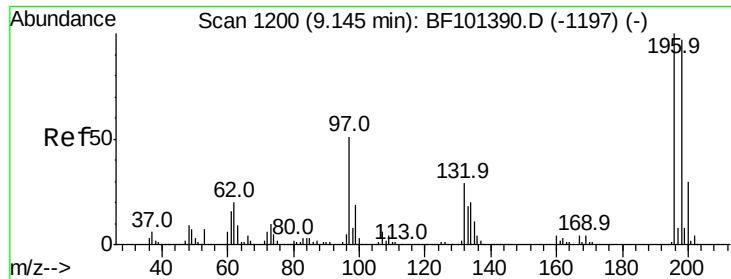
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	30.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.944 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
200	31.1	24.5	36.7

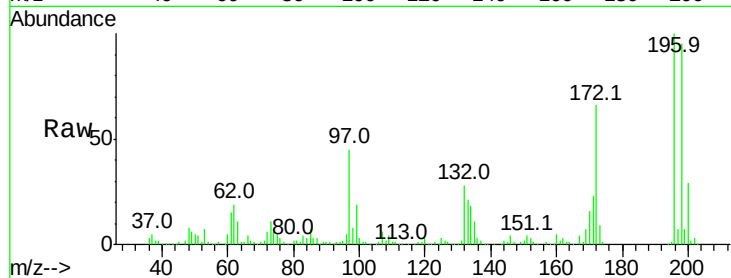




#43
 2,4,5-Trichlorophenol
 Concen: 39.694 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tot Ion:	196	Resp:	269475
Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.6	112.0
97	45.4	42.9	64.3
132	27.6	26.3	39.5



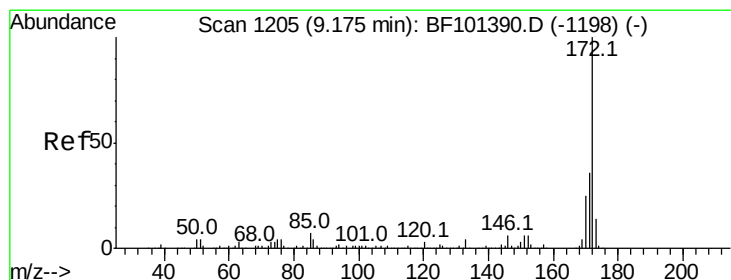
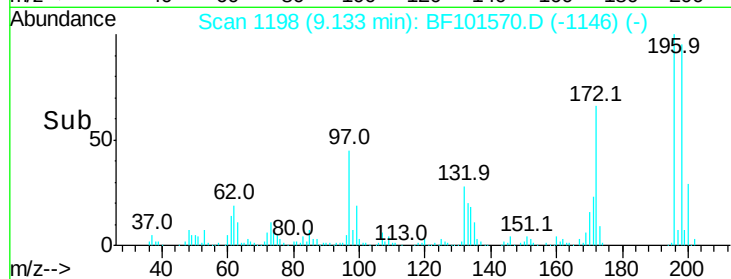
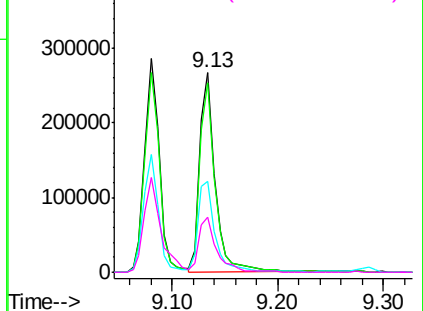
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

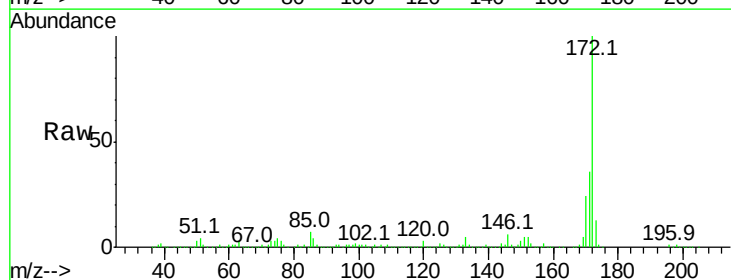
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.027 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:	172	Resp:	1632638
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4

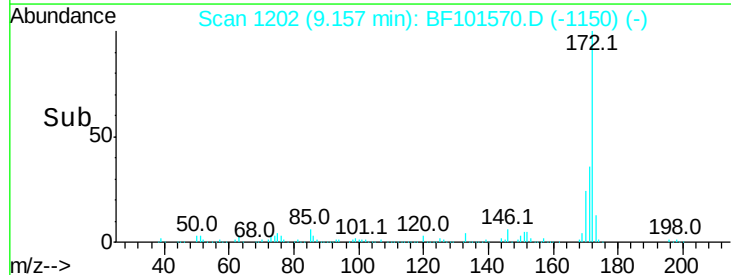
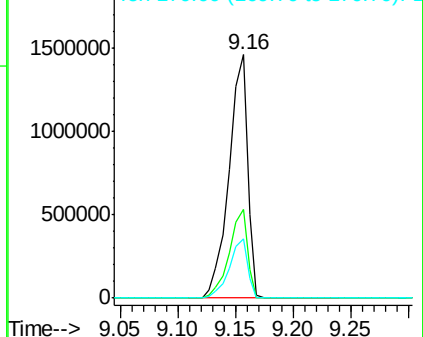


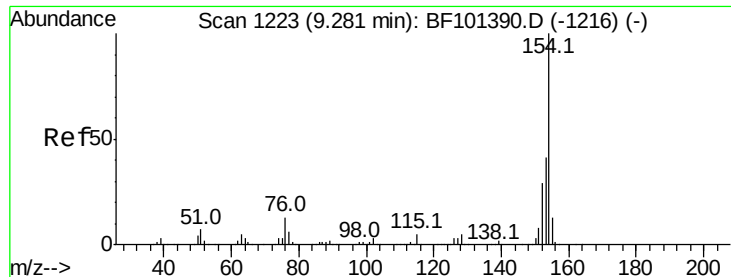
Abundance

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: 40.731 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

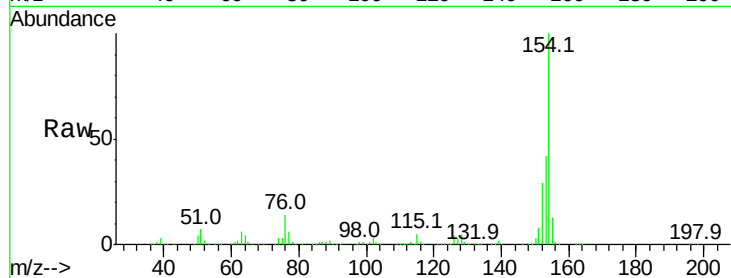
Tot Ion:154 Resp: 1101862

Ion Ratio Lower Upper

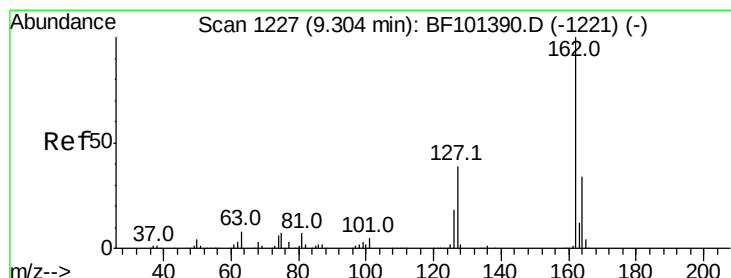
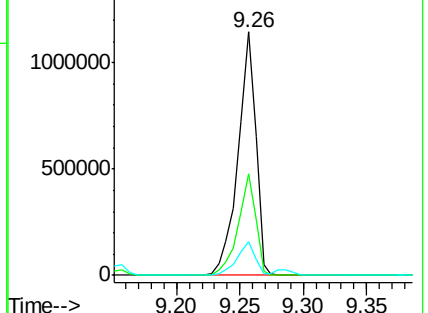
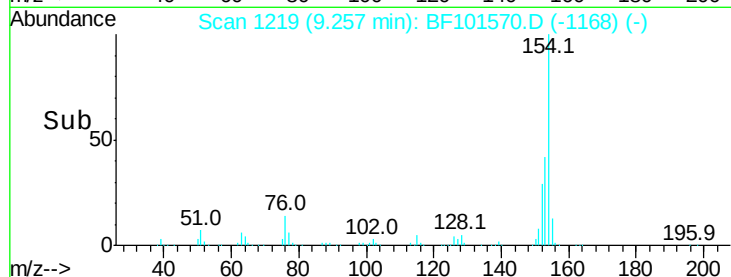
154 100

153 41.7 21.3 61.3

76 14.0 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: 39.999 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

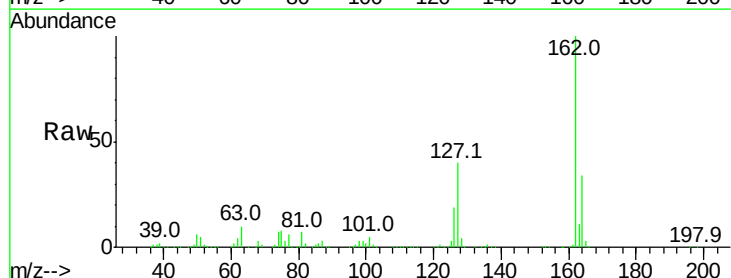
Tgt Ion:162 Resp: 827946

Ion Ratio Lower Upper

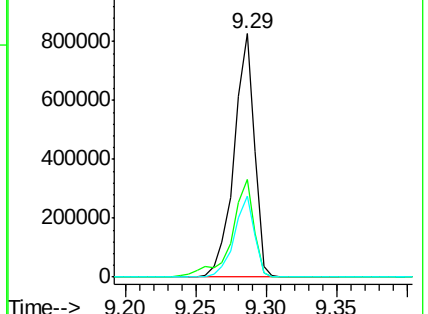
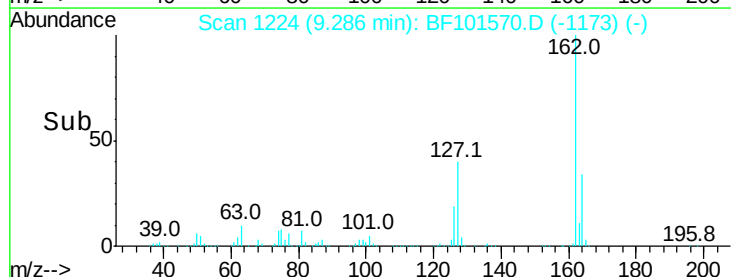
162 100

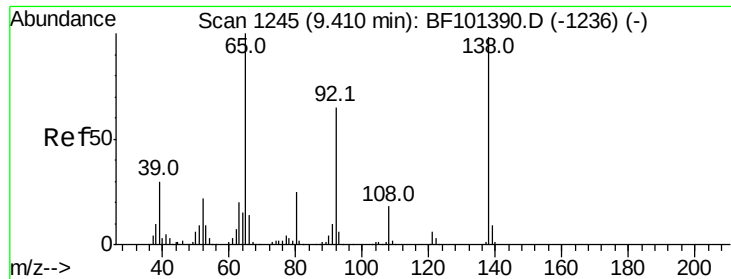
127 40.0 33.9 50.9

164 33.5 26.5 39.7



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





#47

2-Nitroaniline

Concen: 40.233 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

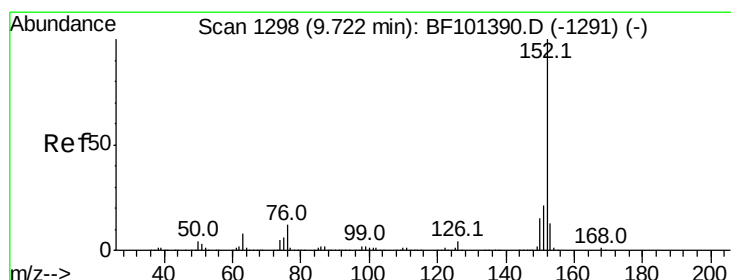
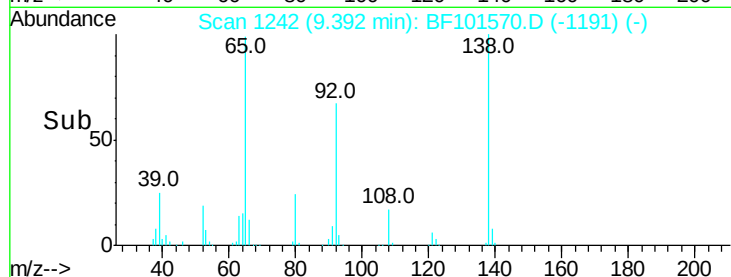
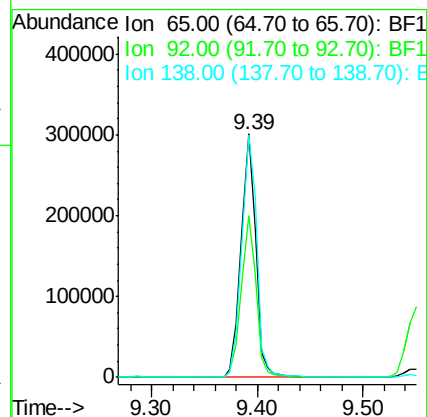
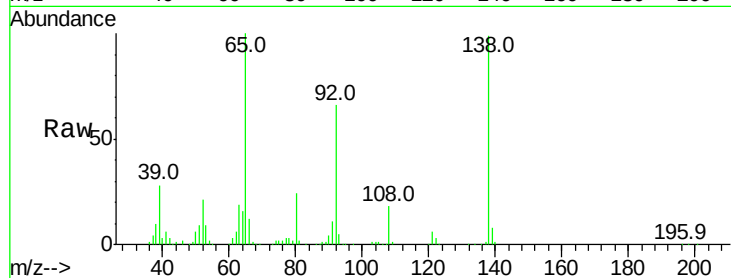
Tot Ion: 65 Resp: 287688

Ion Ratio Lower Upper

65 100

92 66.3 55.8 83.6

138 99.4 91.2 136.8



#48

Acenaphthylene

Concen: 36.047 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

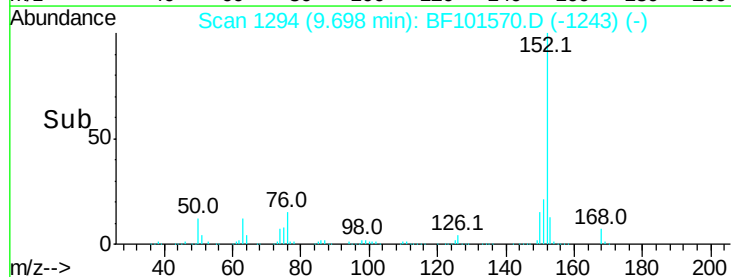
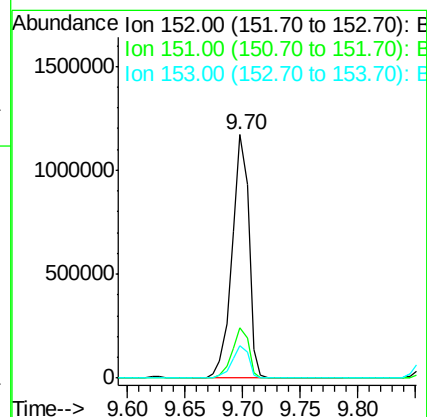
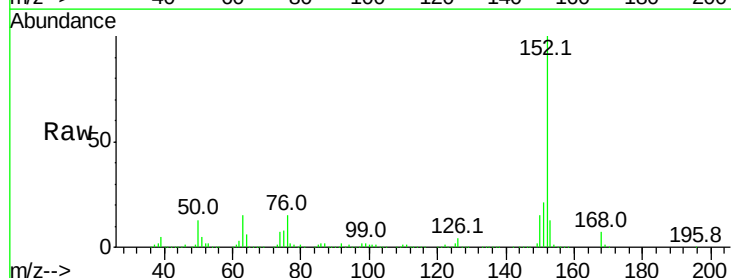
Tgt Ion: 152 Resp: 1178500

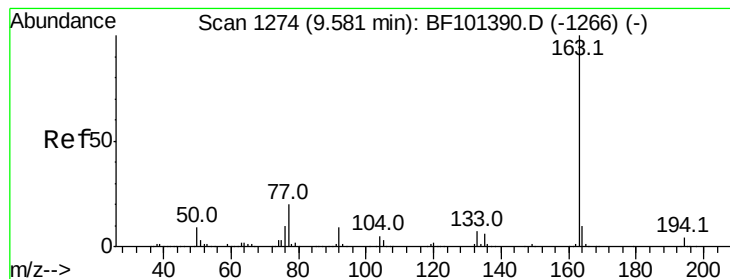
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 38.195 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

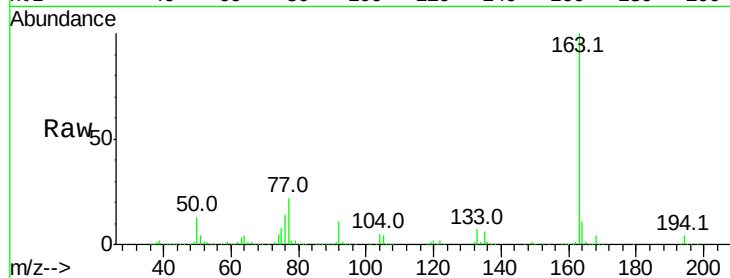
Tot Ion:163 Resp: 937163

Ion Ratio Lower Upper

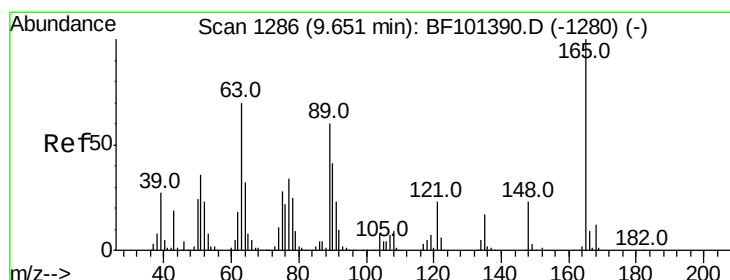
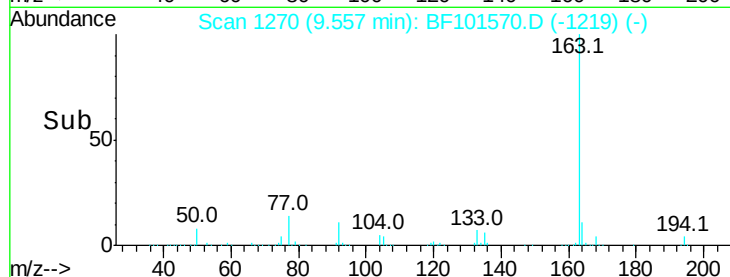
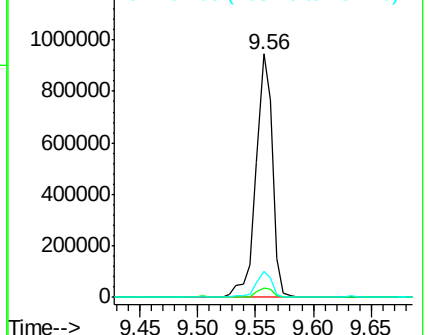
163 100

194 3.7 2.7 4.1

164 10.8 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: 41.835 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

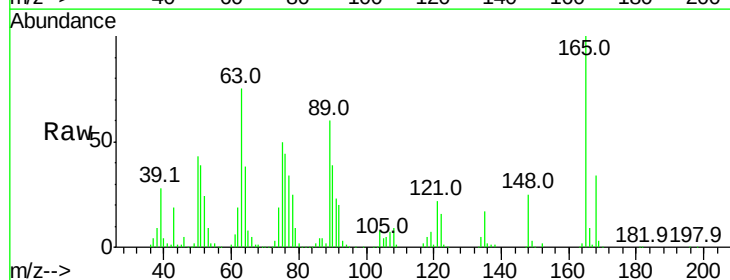
Tgt Ion:165 Resp: 208620

Ion Ratio Lower Upper

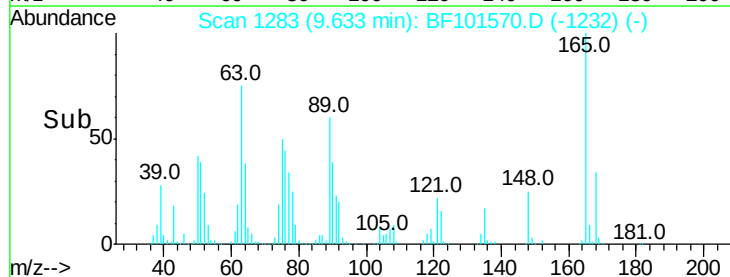
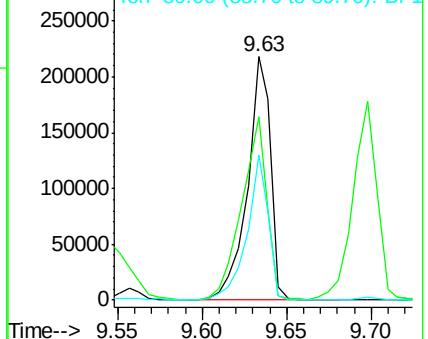
165 100

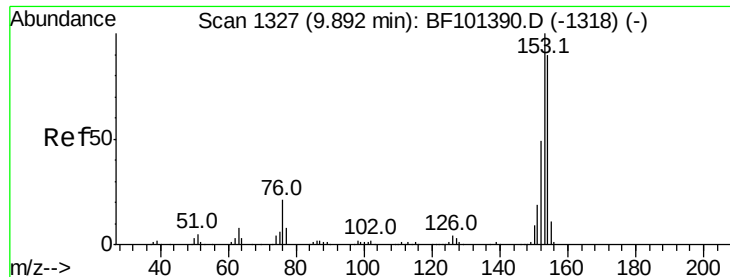
63 75.2 44.7 67.1#

89 59.8 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: 37.245 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

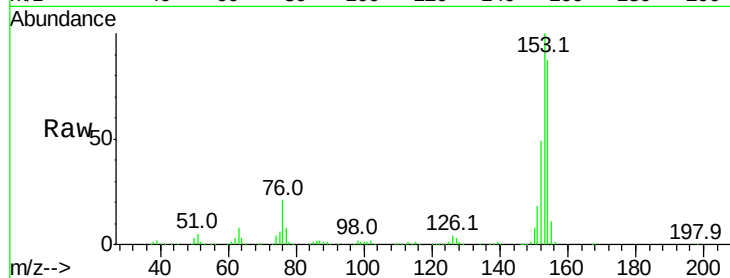
Tot Ion:154 Resp: 731574

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

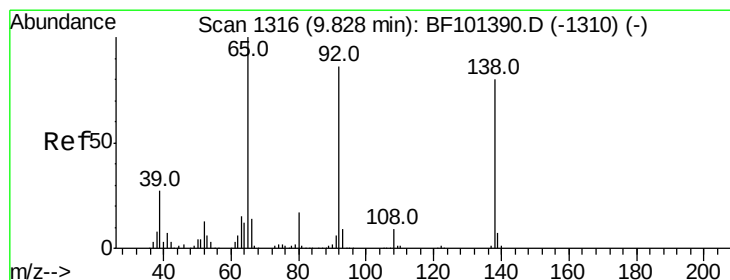
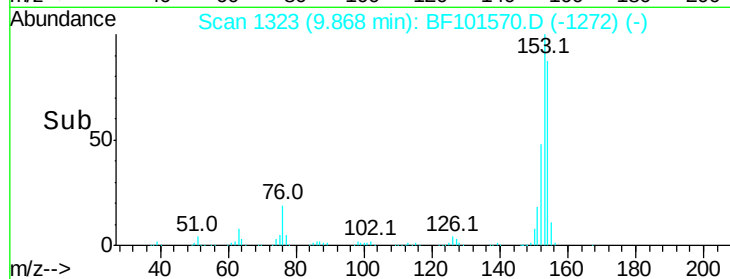
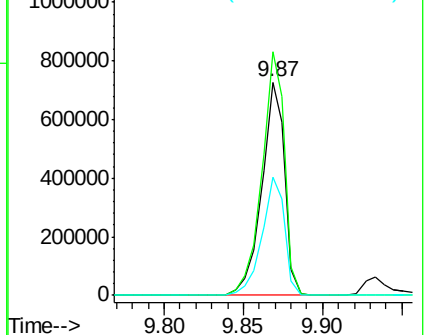
152 55.5 43.8 65.8



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: 15.079 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

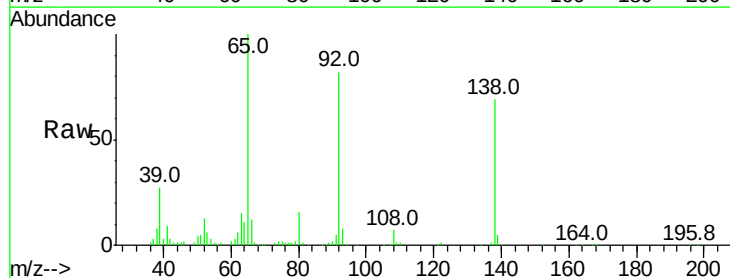
Tgt Ion:138 Resp: 93749

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

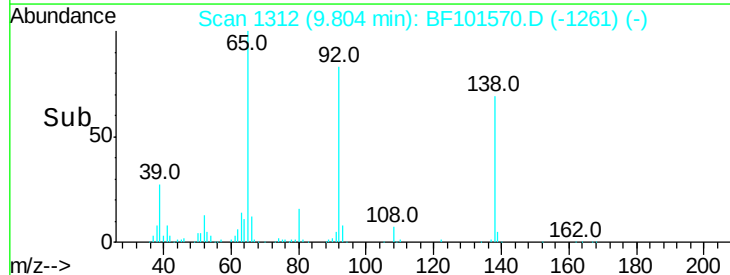
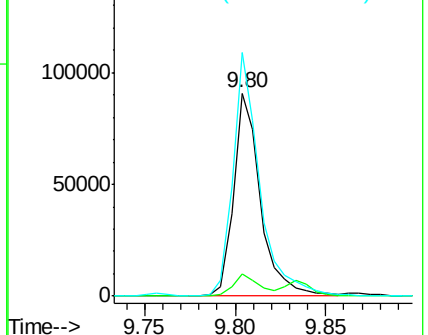
92 119.8 89.4 134.2

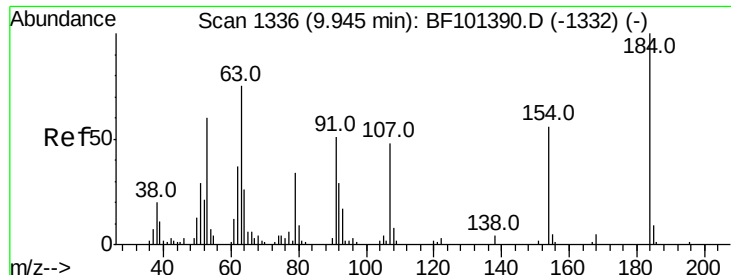


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

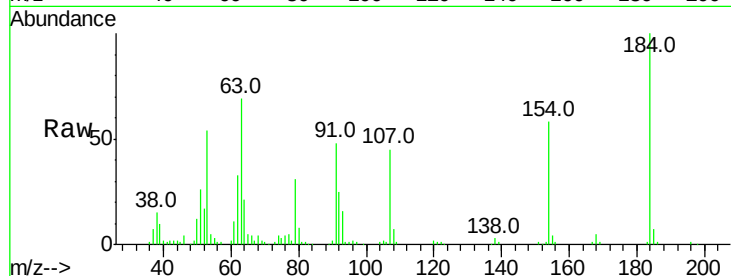




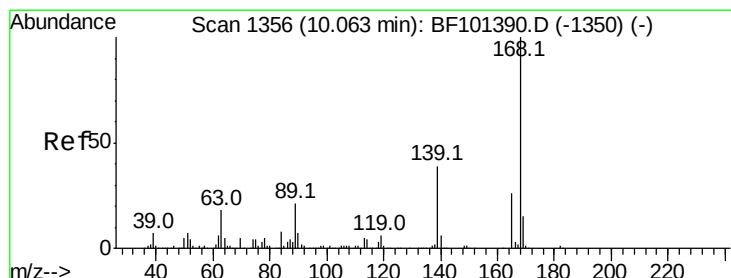
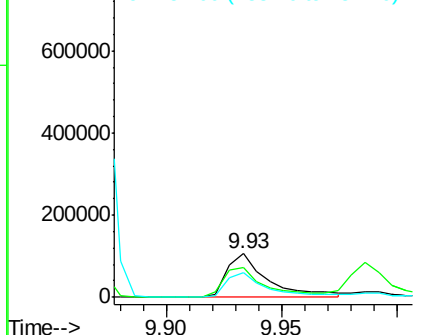
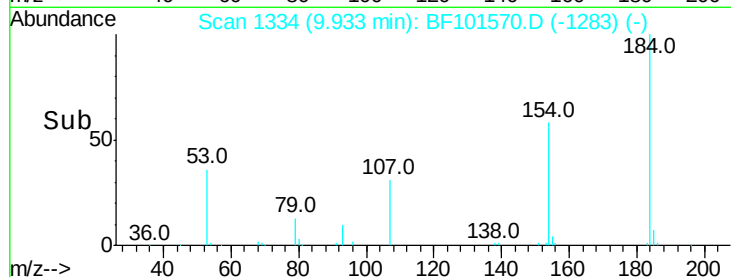
#53
2,4-Dinitrophenol
Concen: 75.883 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tot Ion:184 Resp: 130739
Ion Ratio Lower Upper
184 100
63 69.0 54.2 81.2
154 57.5 184.0 276.0#

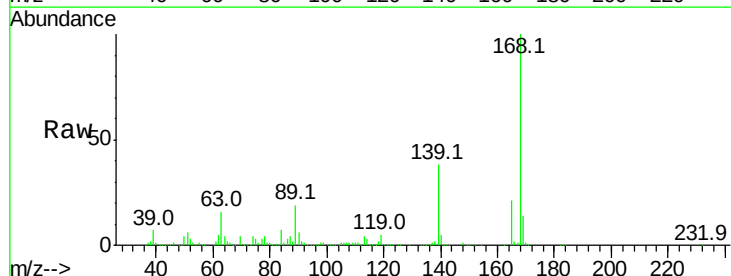


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

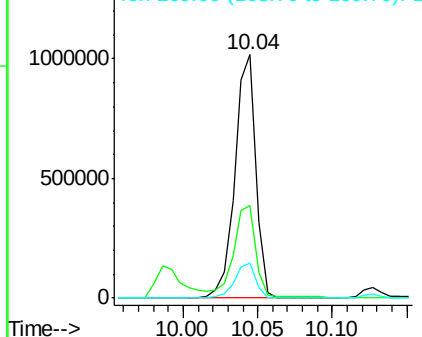
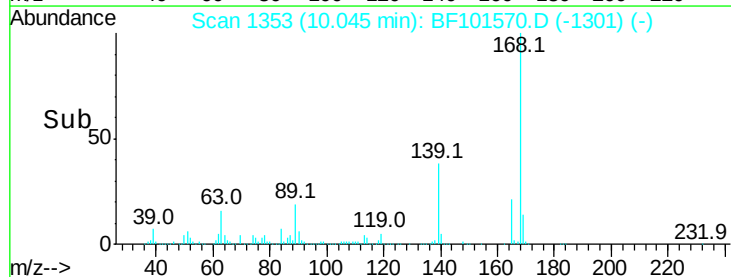


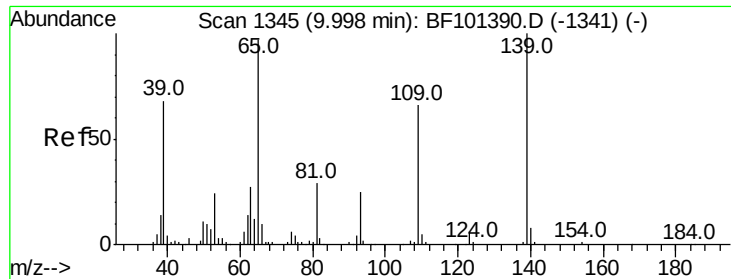
#54
Dibenzofuran
Concen: 40.129 ng
RT: 10.04 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion:168 Resp: 1001701
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 14.1 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

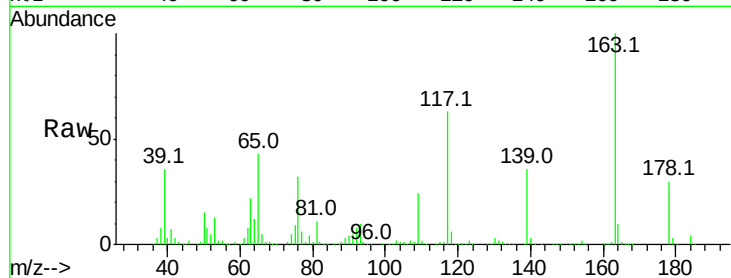




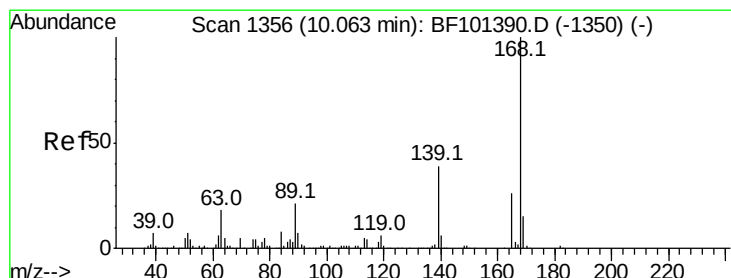
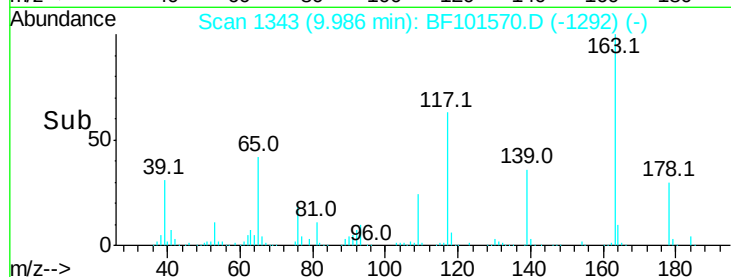
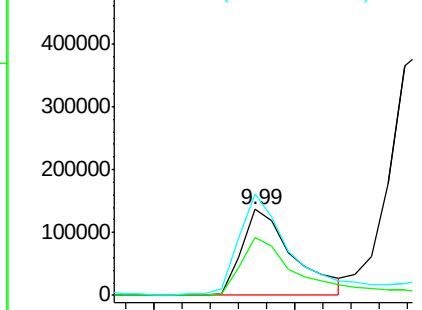
#55
4-Nitrophenol
Concen: 63.987 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tot Ion:139 Resp: 173470
Ion Ratio Lower Upper
139 100
109 67.5 48.4 88.4
65 118.5 72.6 112.6#

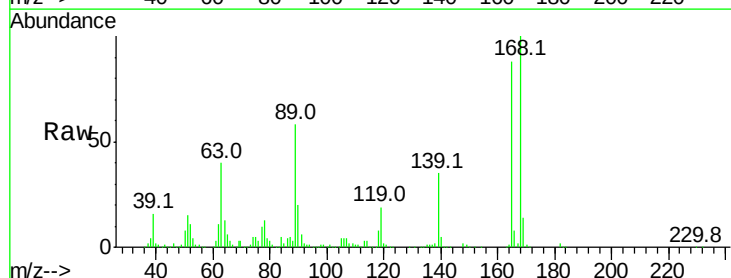


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

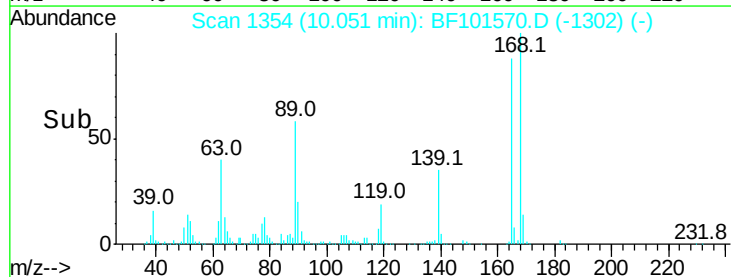
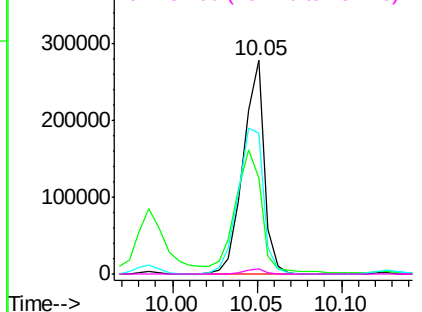


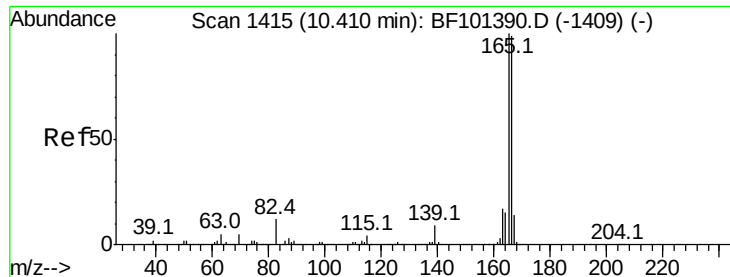
#56
2,4-Dinitrotoluene
Concen: 43.129 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion:165 Resp: 242317
Ion Ratio Lower Upper
165 100
63 45.2 36.4 54.6
89 66.1 57.8 86.6
182 2.6 1.6 2.4#



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





#57

Fluorene

Concen: 38.356 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

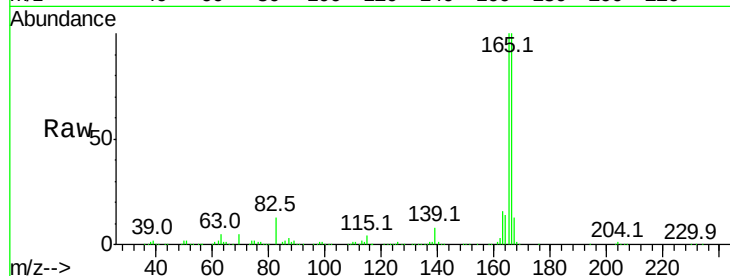
Tot Ion:166 Resp: 809949

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

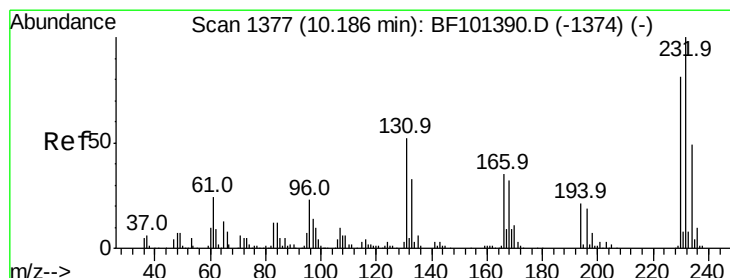
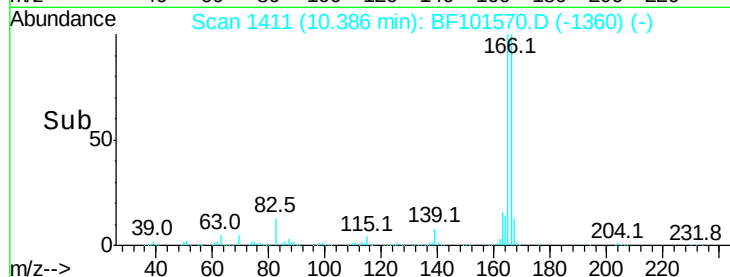
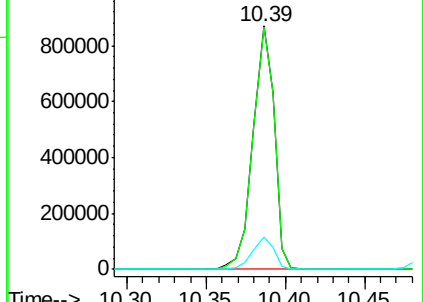
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.826 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion:232 Resp: 213760

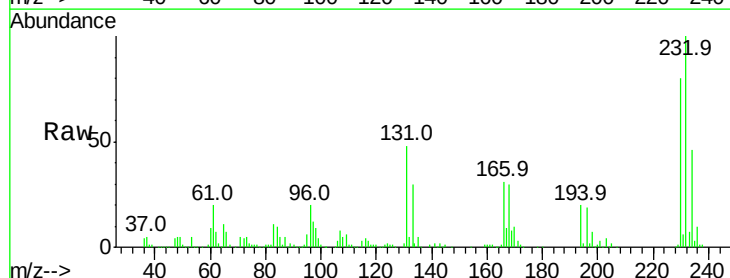
Ion Ratio Lower Upper

232 100

131 44.3 43.8 65.8

130 2.3 2.1 3.1

166 28.6 27.8 41.6

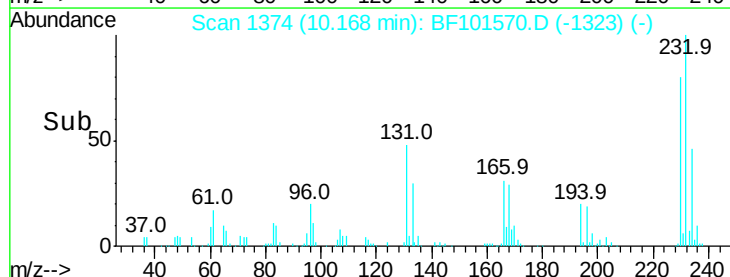
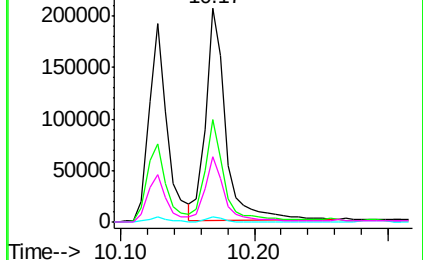


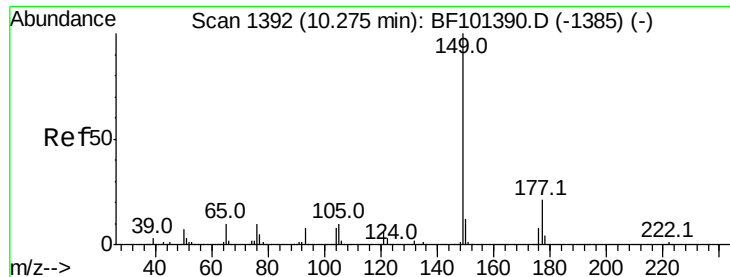
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.948 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

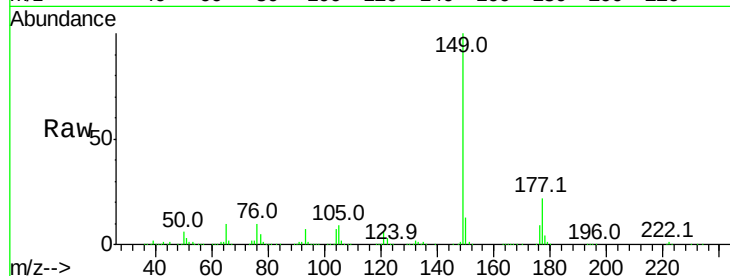
Tot Ion:149 Resp: 922056

Ion Ratio Lower Upper

149 100

177 22.1 16.1 24.1

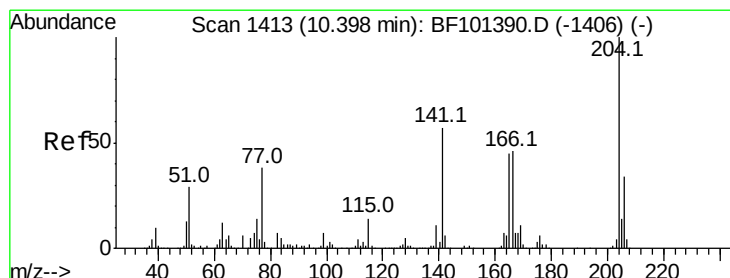
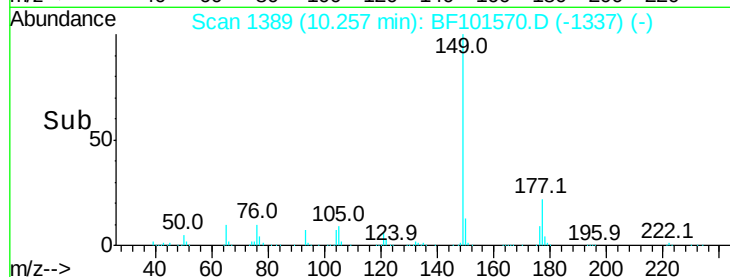
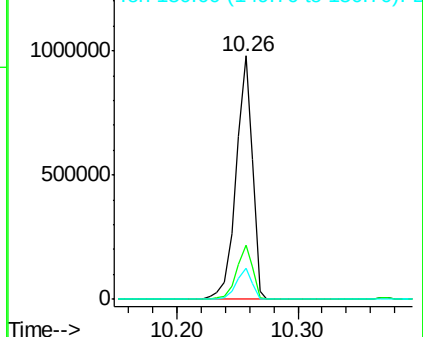
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.222 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

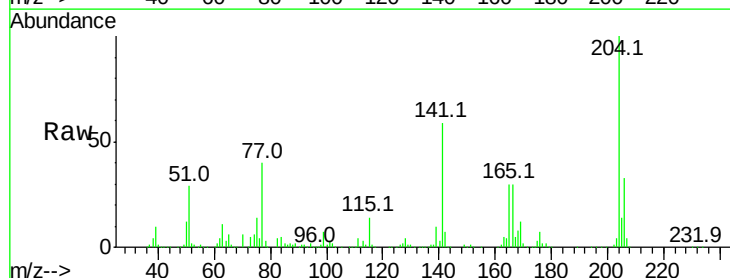
Tgt Ion:204 Resp: 396943

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

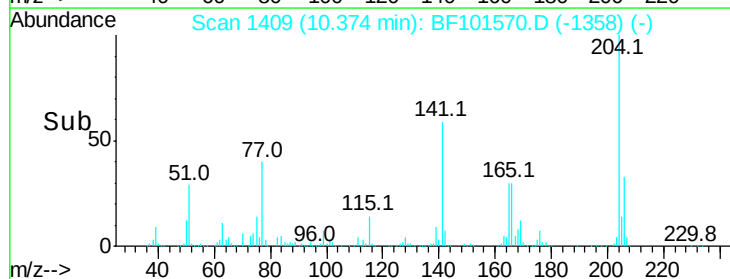
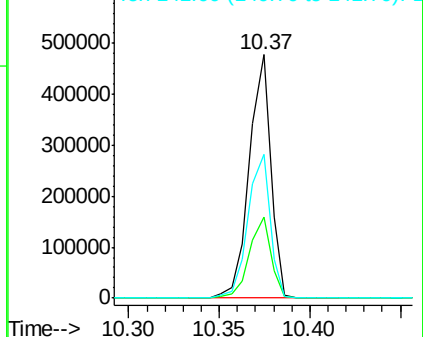
141 58.9 54.6 81.8

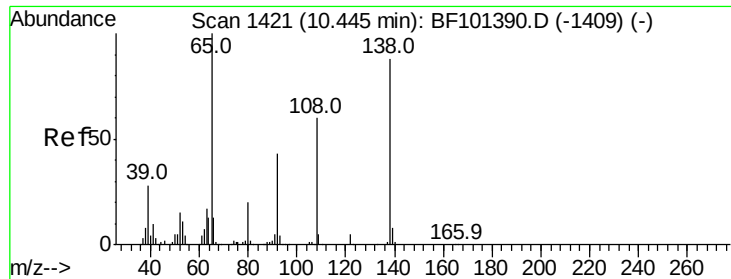


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.415 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

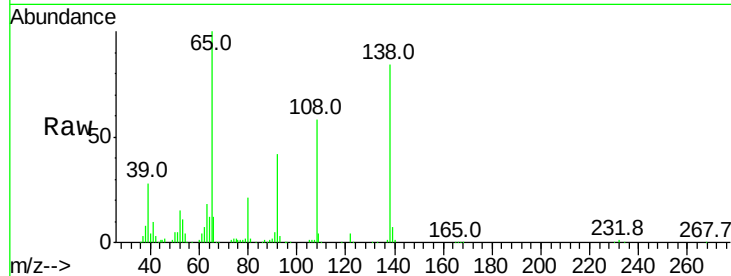
Tot Ion:138 Resp: 183825

Ion Ratio Lower Upper

138 100

92 50.5 30.2 70.2

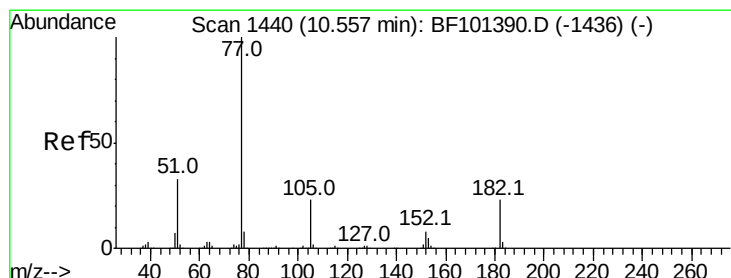
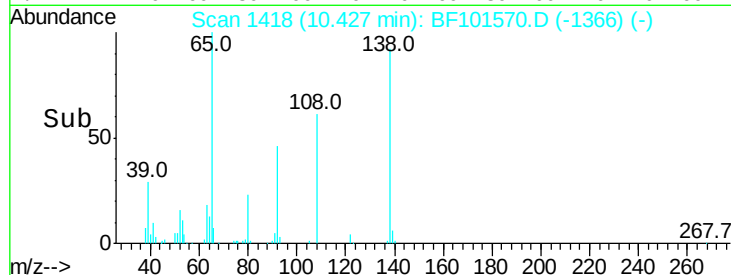
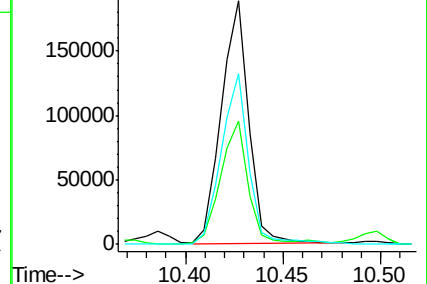
108 69.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.964 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Tgt Ion: 77 Resp: 930387

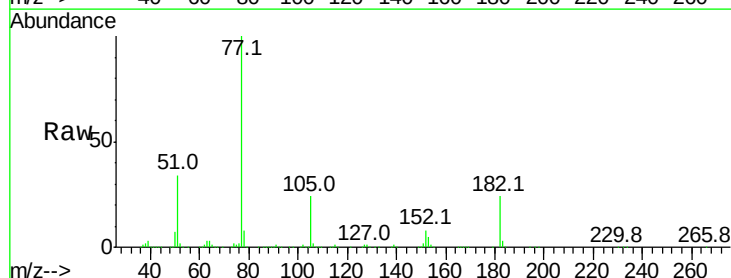
Ion Ratio Lower Upper

77 100

182 23.8 1.7 41.7

105 23.6 3.0 43.0

51 33.8 9.9 49.9

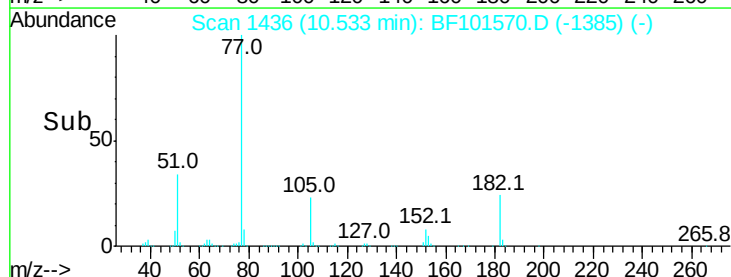
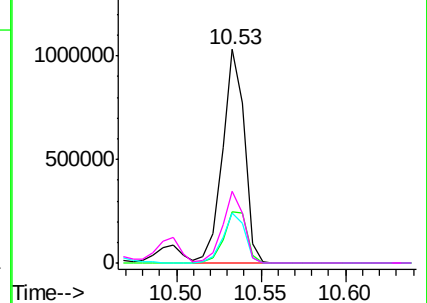


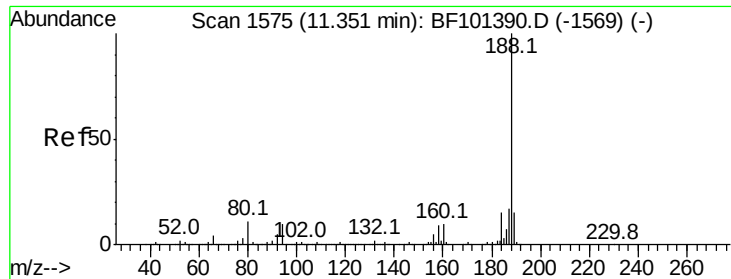
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

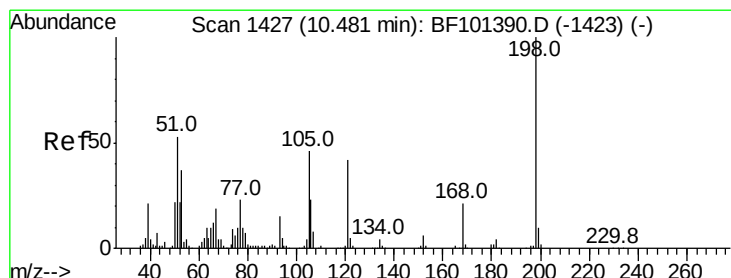
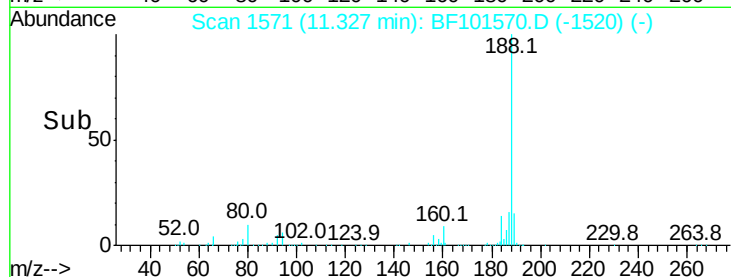
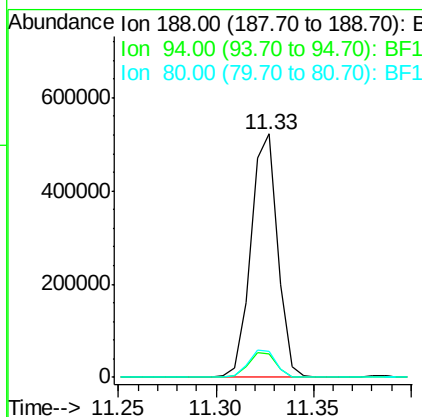
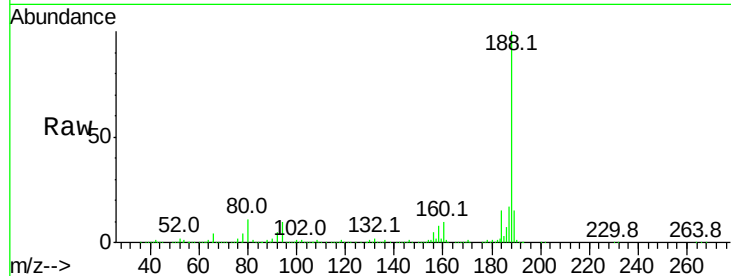




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

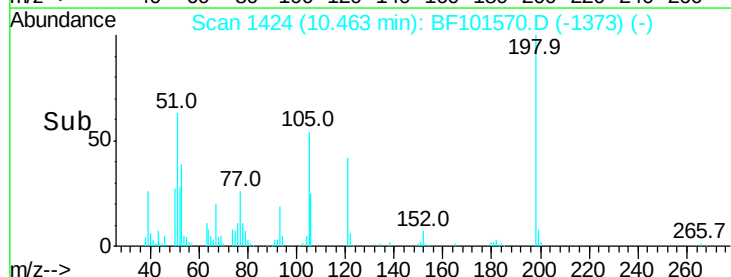
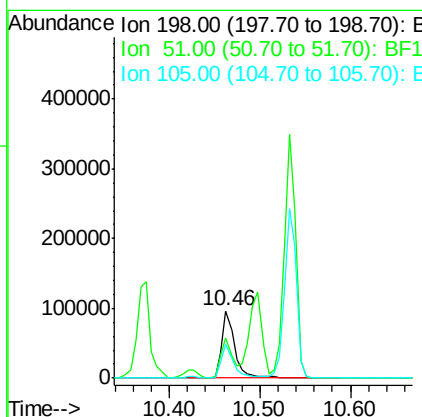
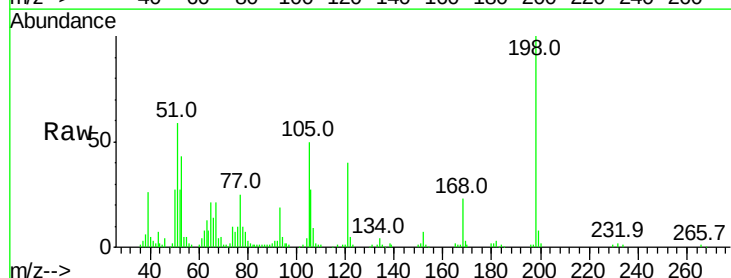
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

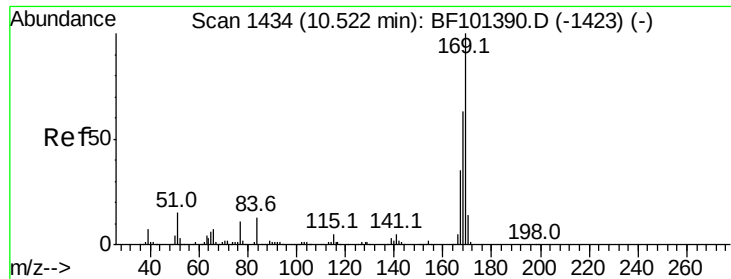
Tot Ion:188 Resp: 495589
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.552 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion:198 Resp: 94969
Ion Ratio Lower Upper
198 100
51 59.1 37.7 77.7
105 50.2 36.3 76.3

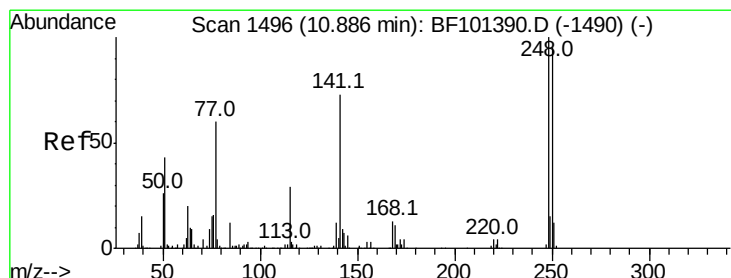
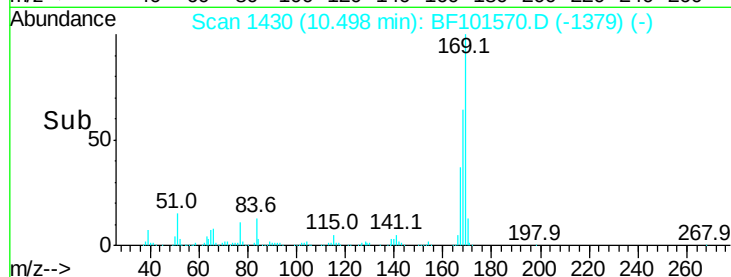
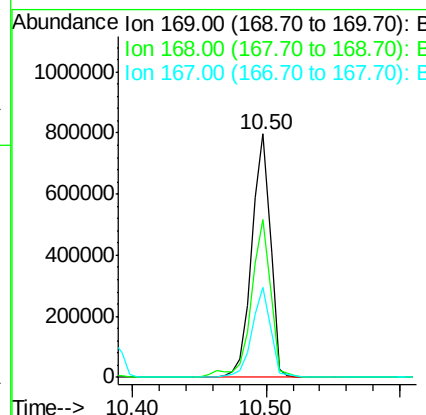
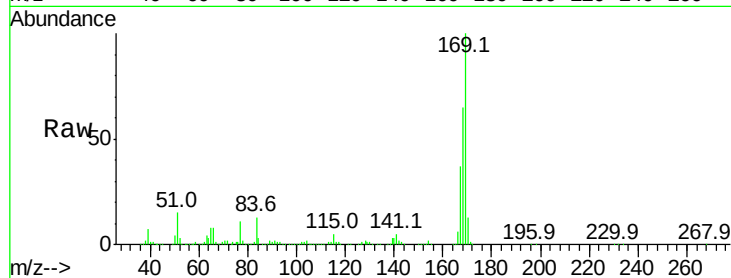




#65
n-Nitrosodiphenylamine
Concen: 41.531 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

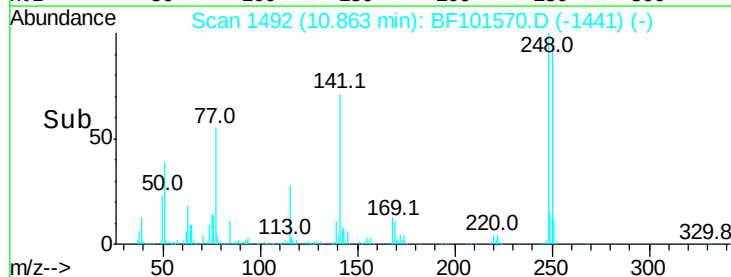
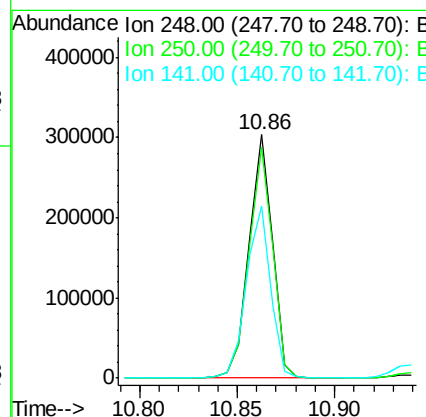
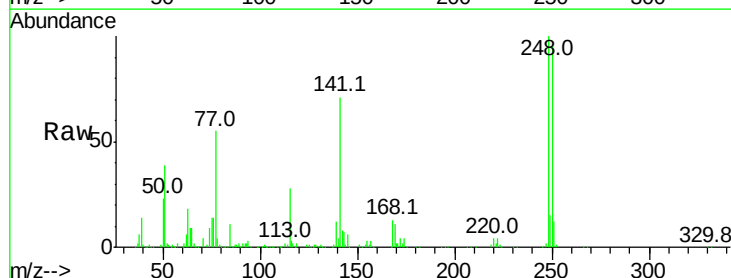
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

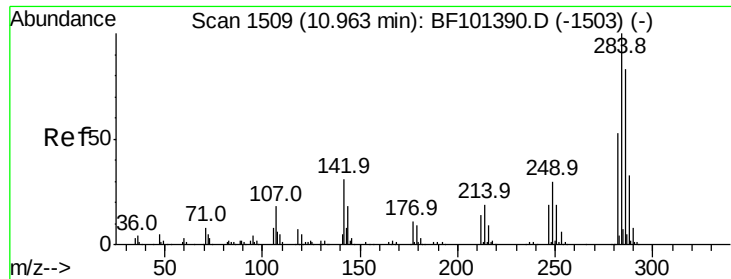
Tot Ion:169 Resp: 759993
Ion Ratio Lower Upper
169 100
168 64.8 54.4 81.6
167 36.9 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 45.576 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion:248 Resp: 253793
Ion Ratio Lower Upper
248 100
250 94.9 76.9 115.3
141 70.9 74.4 111.6#





#67

Hexachlorobenzene

Concen: 42.131 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

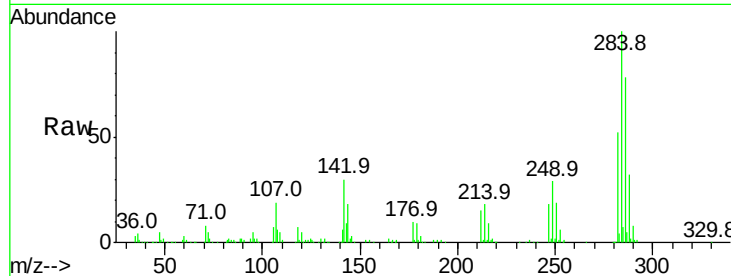
Tot Ion:284 Resp: 248301

Ion Ratio Lower Upper

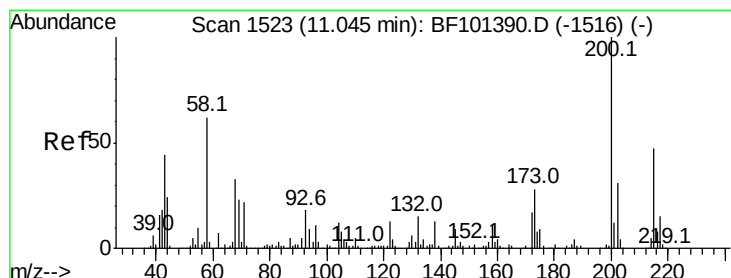
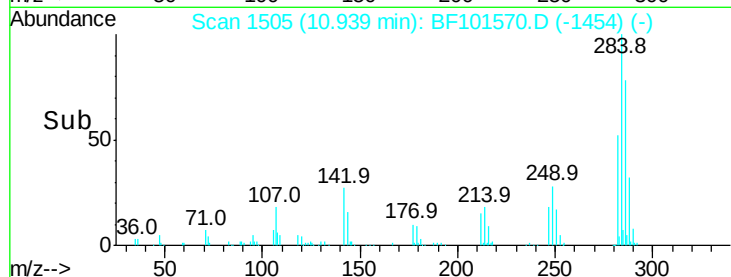
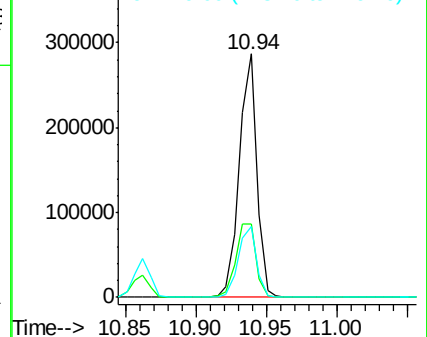
284 100

142 29.9 34.6 52.0#

249 29.0 24.8 37.2



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



#68

Atrazine

Concen: 39.880 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

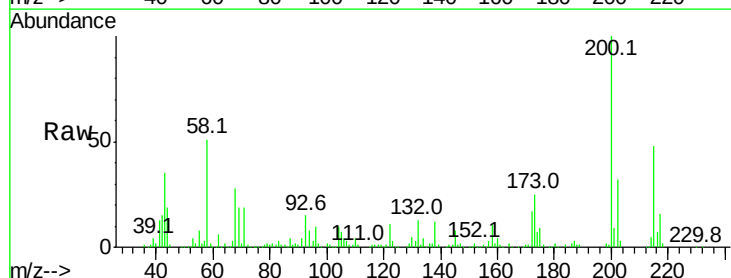
Tgt Ion:200 Resp: 217601

Ion Ratio Lower Upper

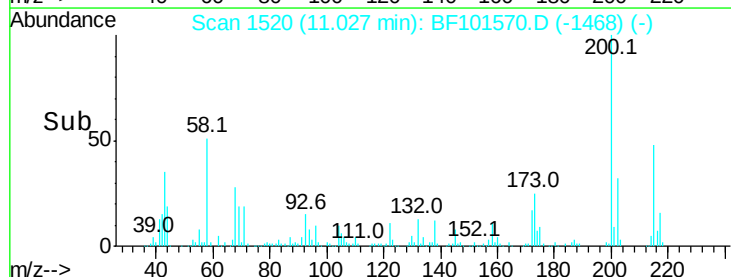
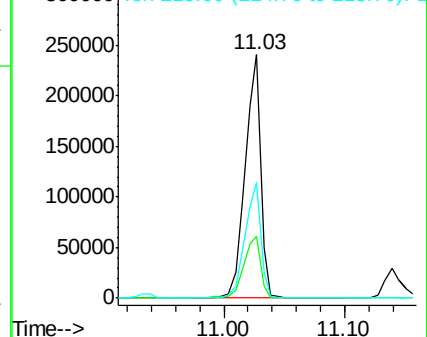
200 100

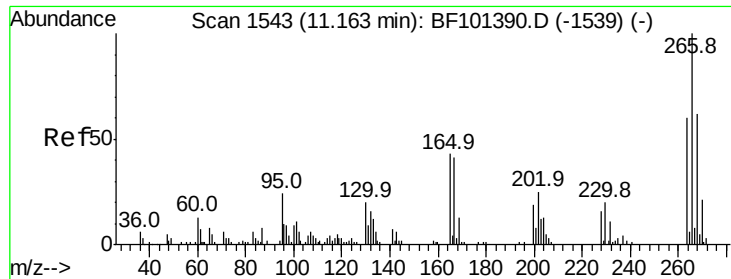
173 25.4 8.6 48.6

215 47.6 25.1 65.1



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

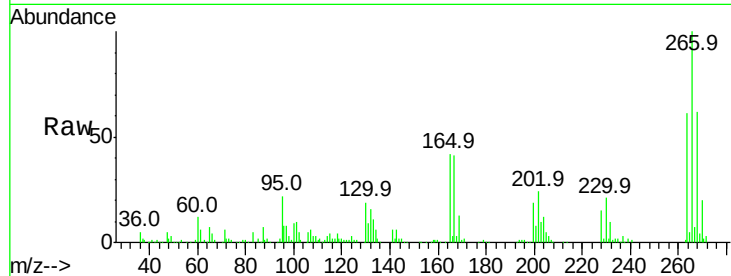




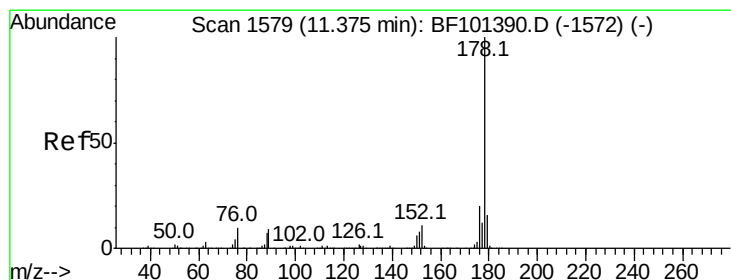
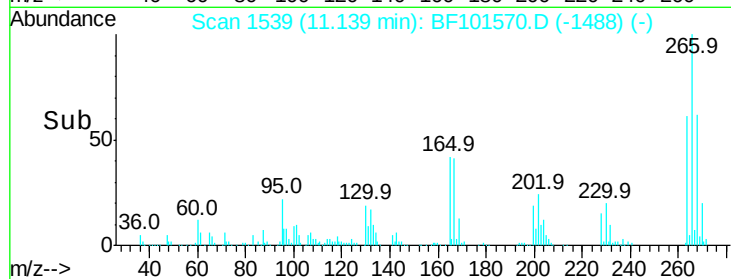
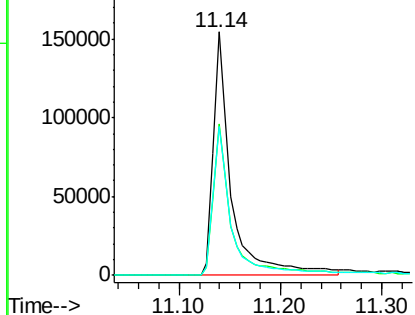
#69
 Pentachlorophenol
 Concen: 84.094 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	61.2	49.5	74.3

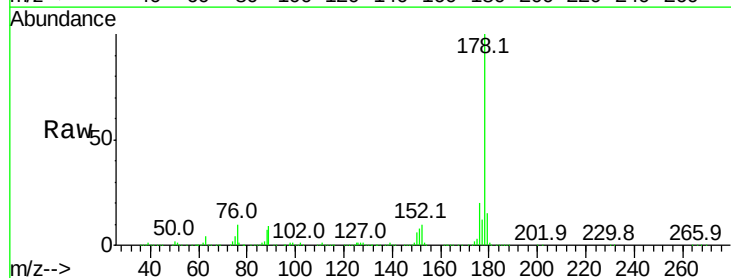


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

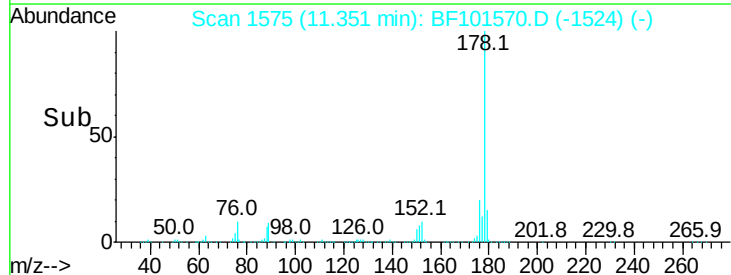
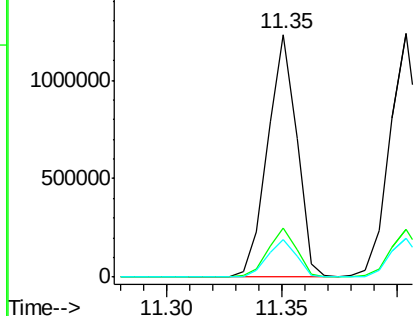


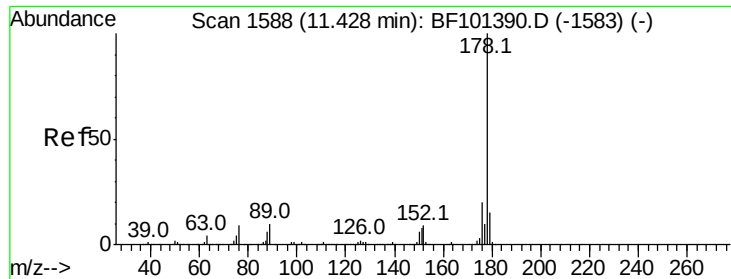
#70
 Phenanthrene
 Concen: 39.288 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.4	13.0	19.6



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



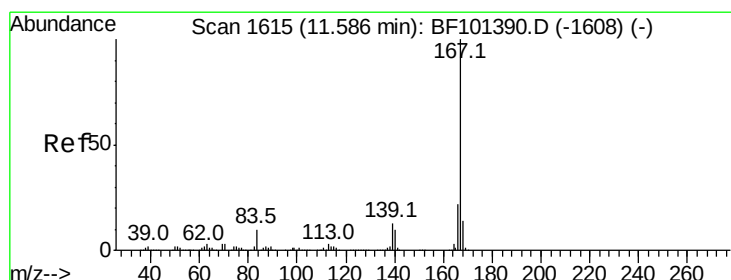
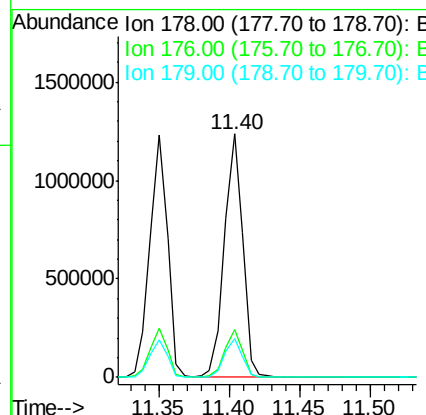
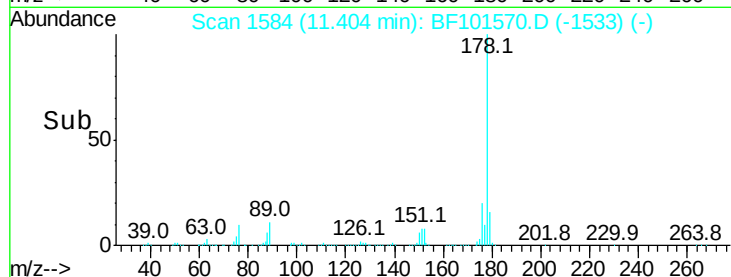
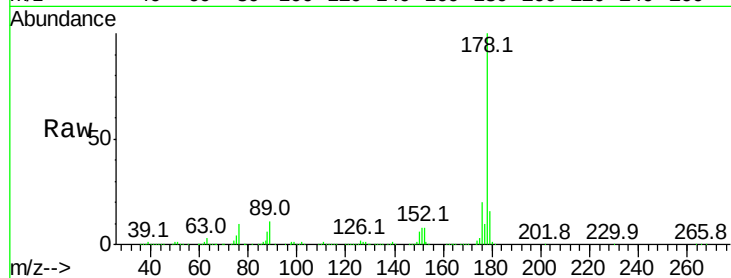


#71
 Anthracene
 Concen: 39.701 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

Tot Ion:178 Resp: 1117686

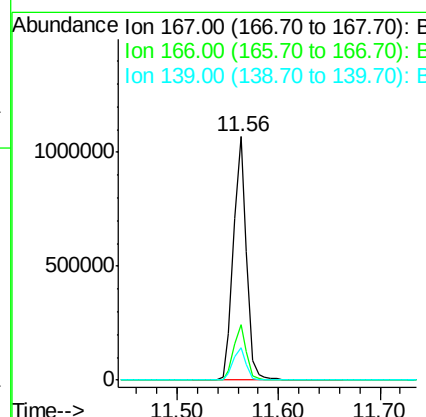
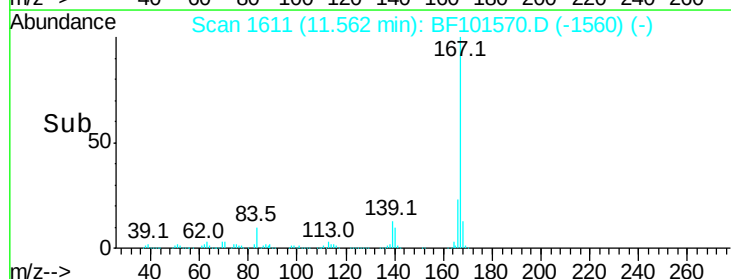
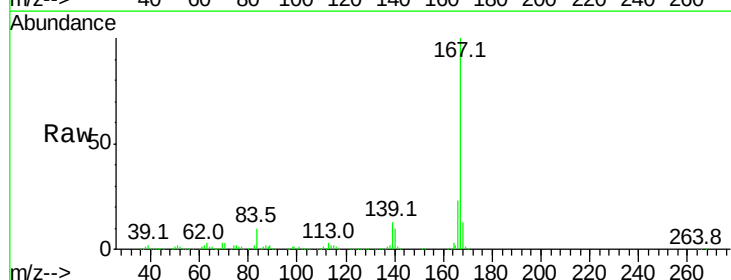
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.8	12.6	19.0

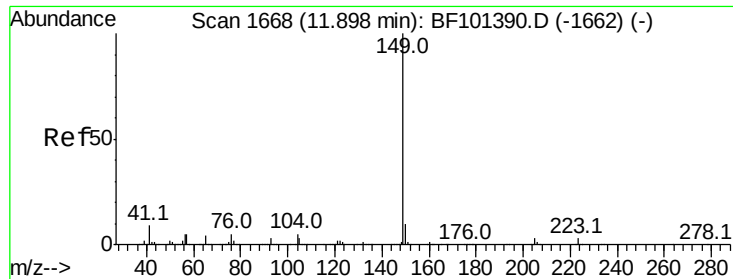


#72
 Carbazole
 Concen: 36.280 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:167 Resp: 956266

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.834 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

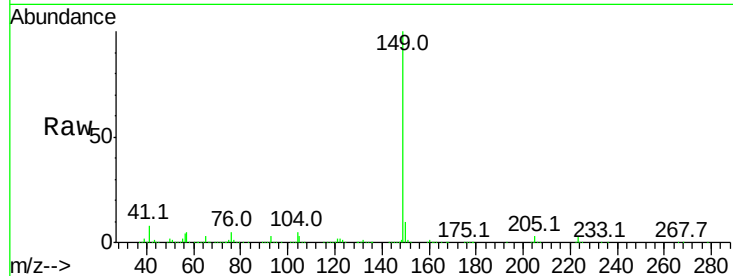
Tot Ion:149 Resp: 1338310

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

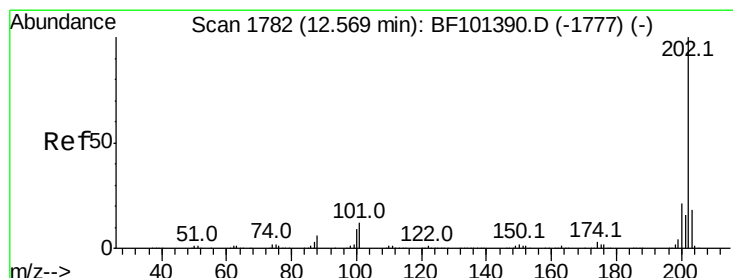
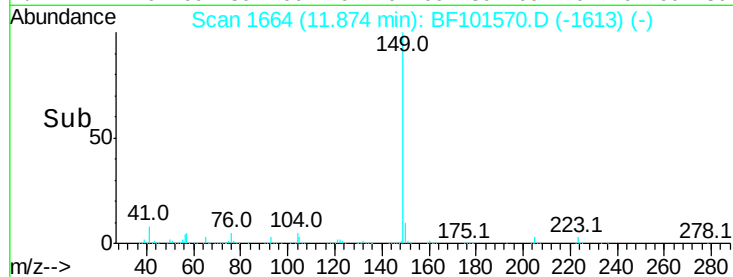
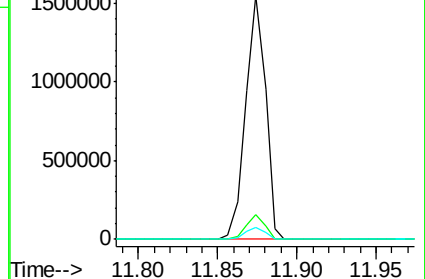
104 5.0 3.8 5.8



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: 33.804 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

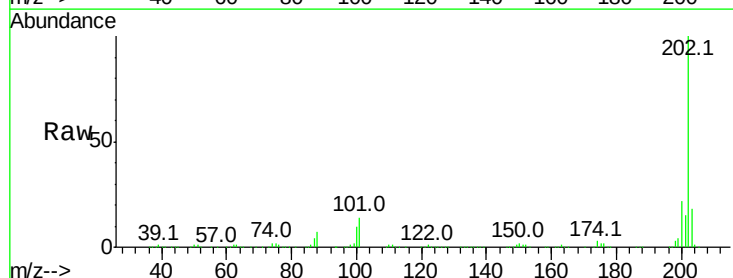
Tgt Ion:202 Resp: 977905

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

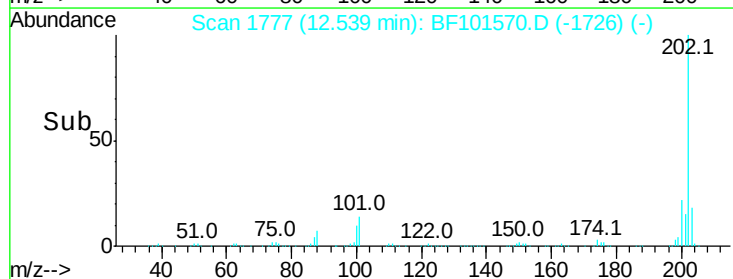
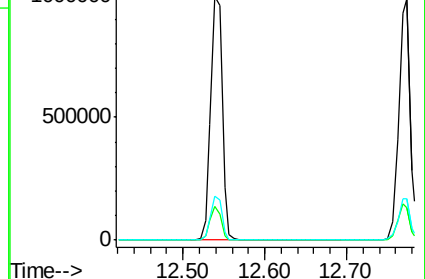
203 18.0 0.0 38.1

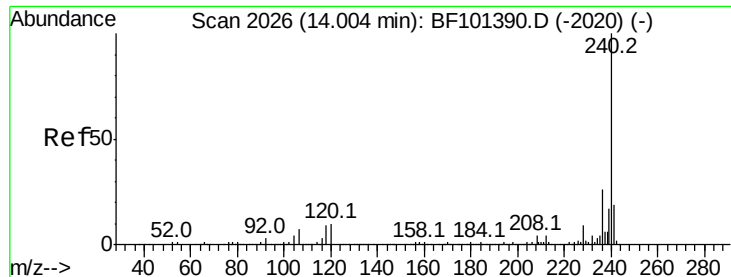


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

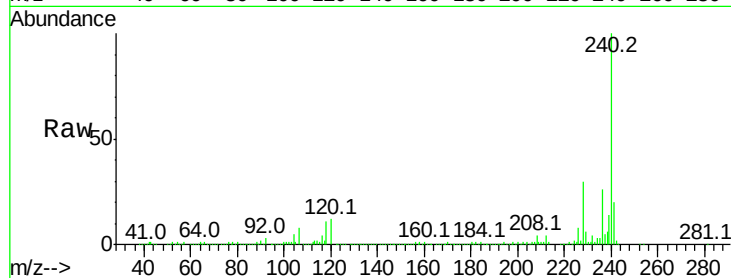
Tot Ion:240 Resp: 298652

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

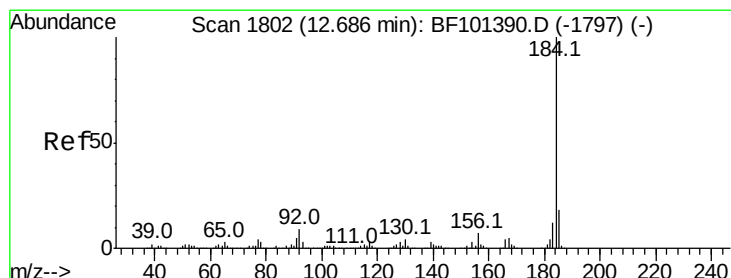
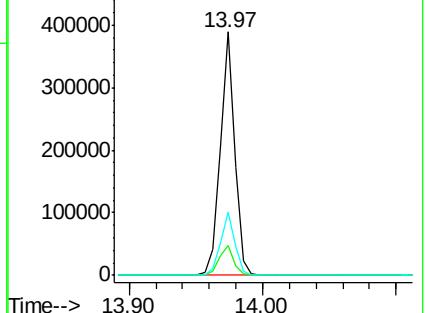
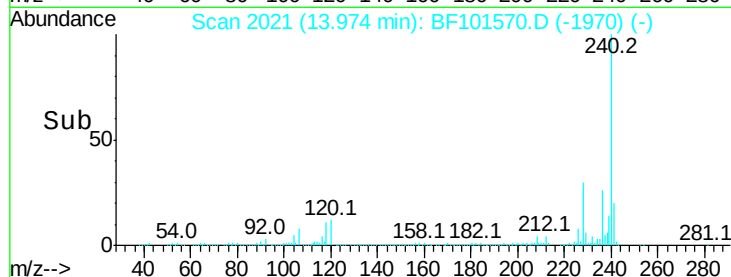
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.407 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

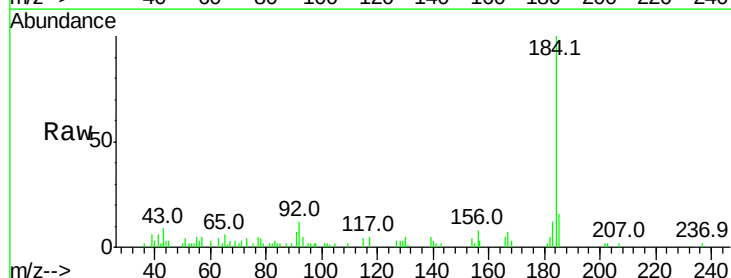
Tgt Ion:184 Resp: 30367

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

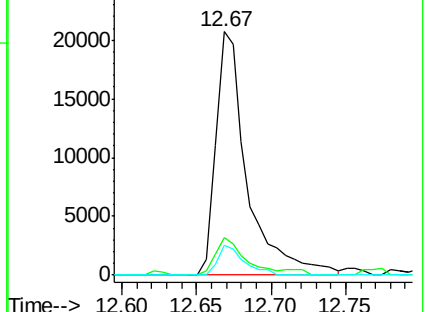
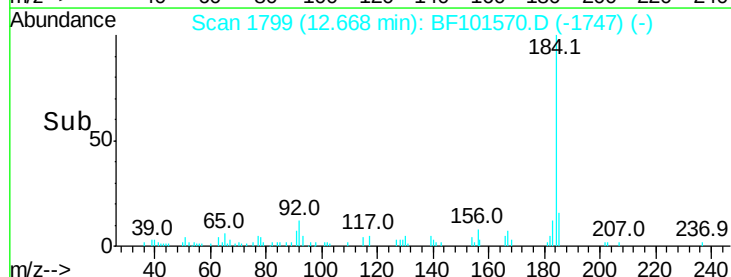
183 12.3 9.3 13.9

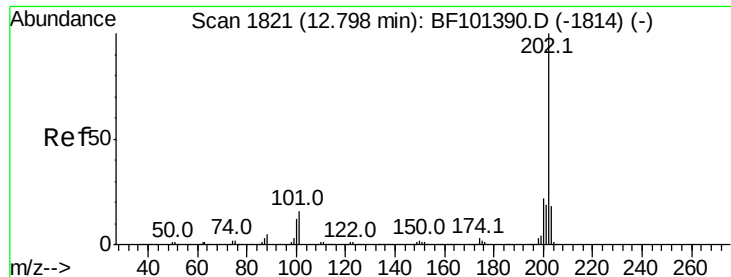


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

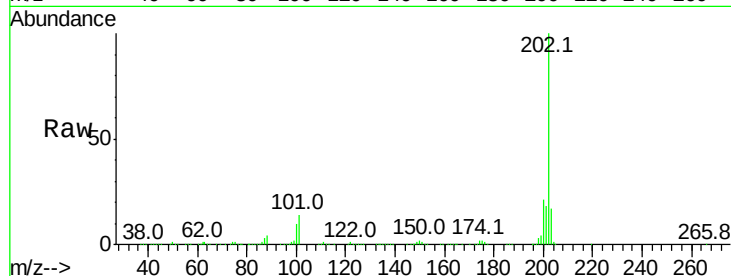




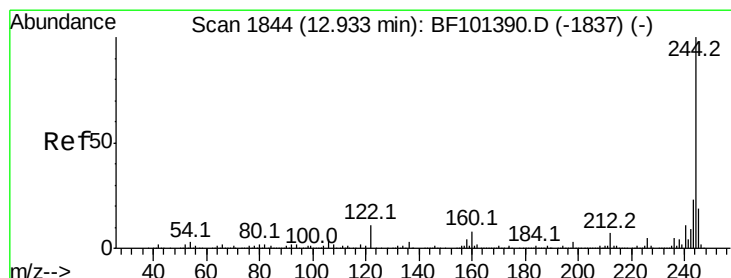
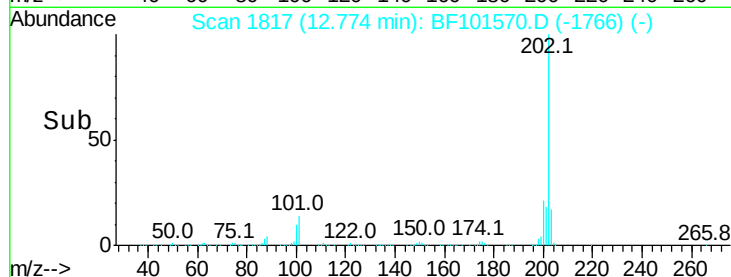
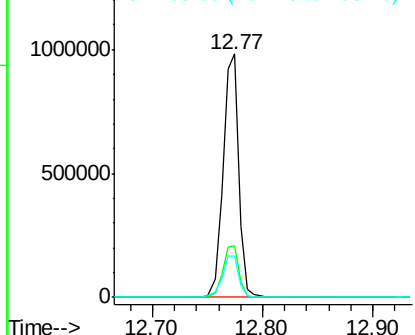
#77
Pvrene
Concen: 43.281 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

Tot Ion:202 Resp: 970098
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.1 14.3 21.5

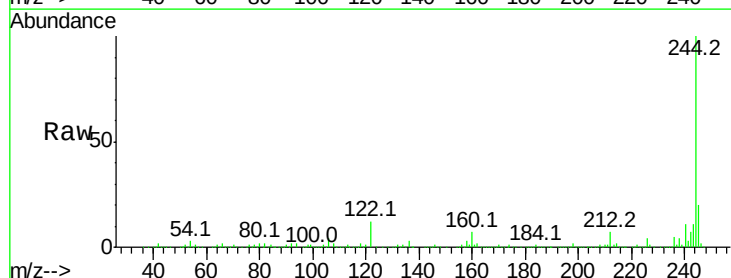


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

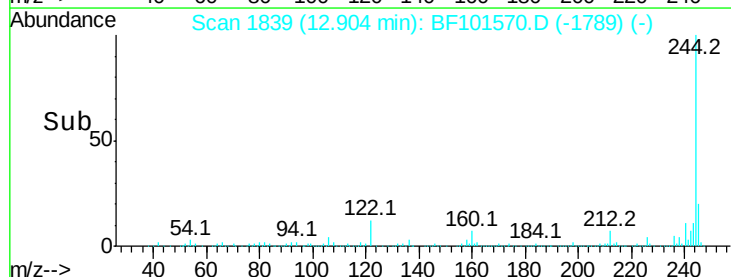
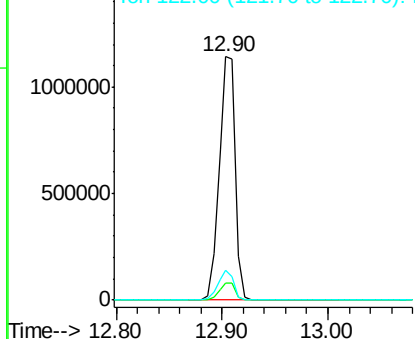


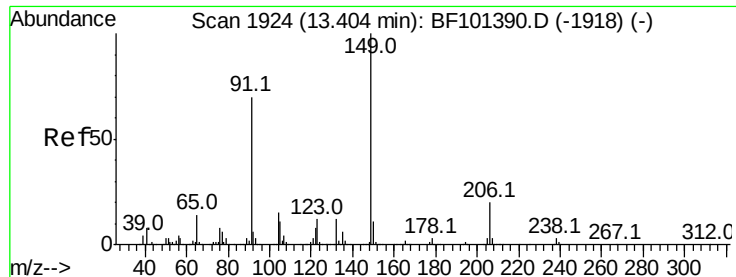
#78
Terphenyl-d14
Concen: 98.534 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion:244 Resp: 1220661
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.1 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.451 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

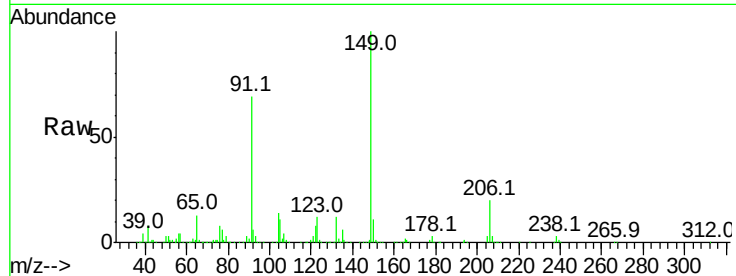
Tot Ion:149 Resp: 460954

Ion Ratio Lower Upper

149 100

91 68.6 56.8 85.2

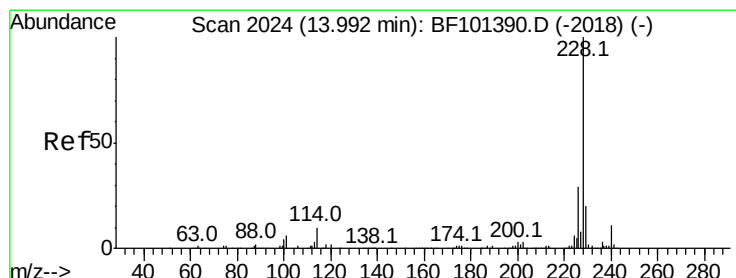
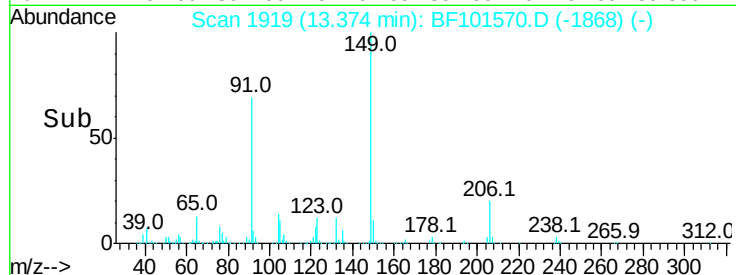
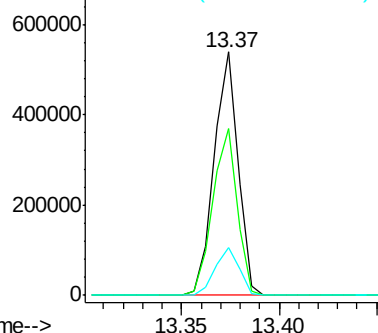
206 19.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.788 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

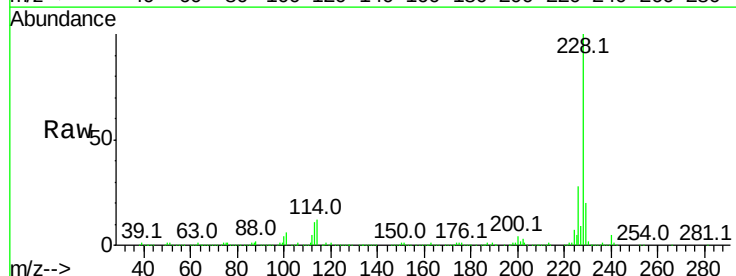
Tgt Ion:228 Resp: 804367

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

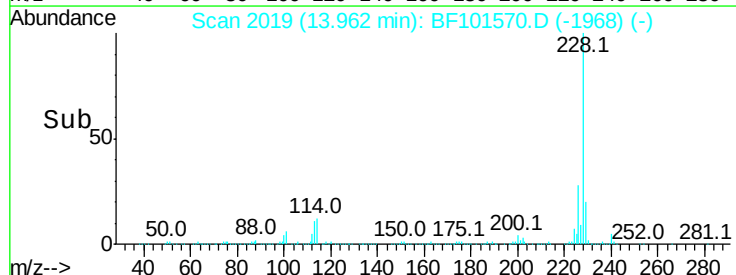
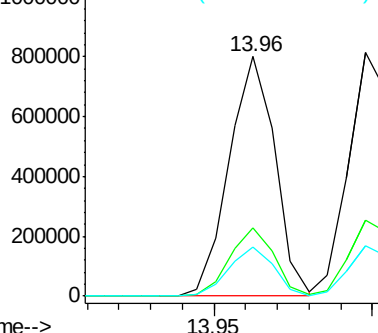
229 20.4 15.8 23.6

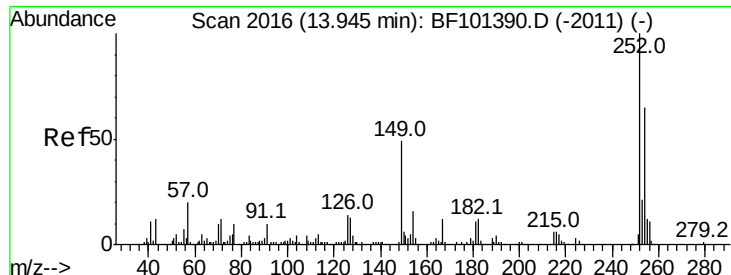


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

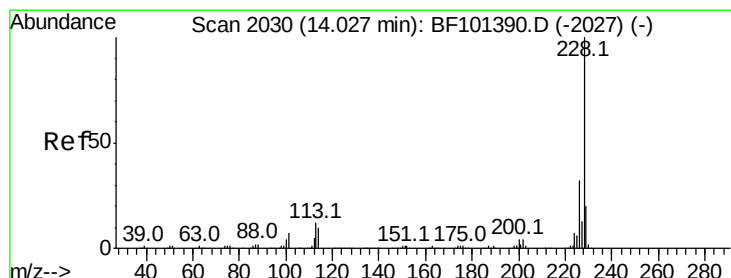
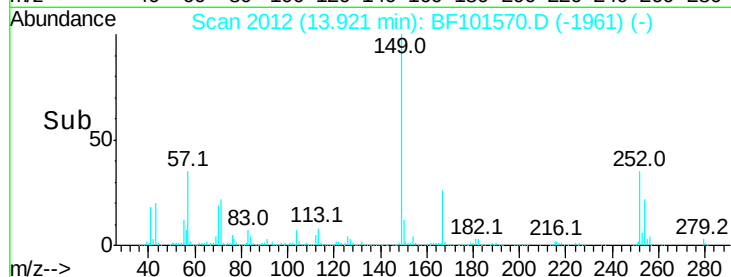
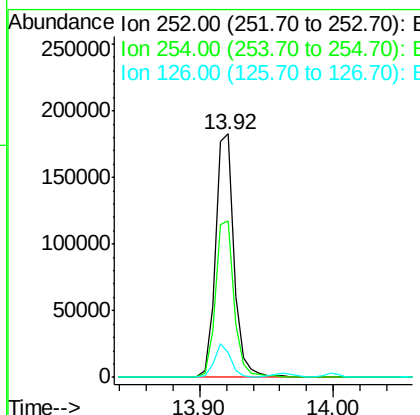
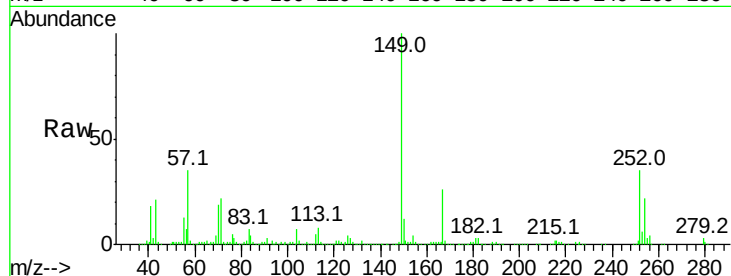




#81
 3,3'-Dichlorobenzidine
 Concen: 27.920 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

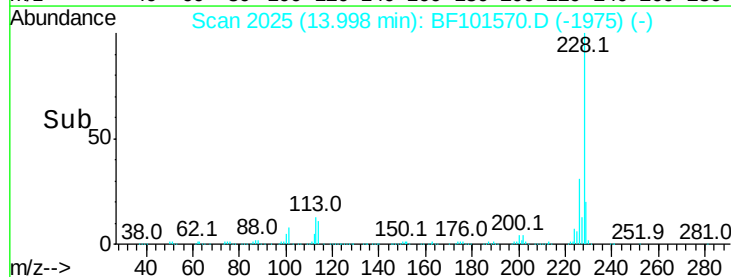
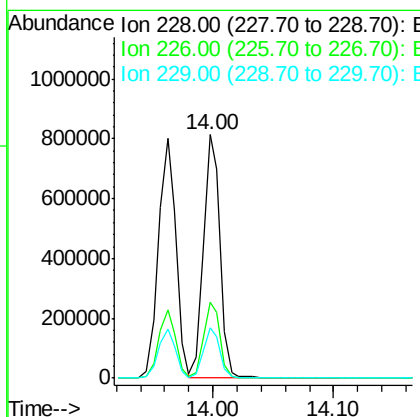
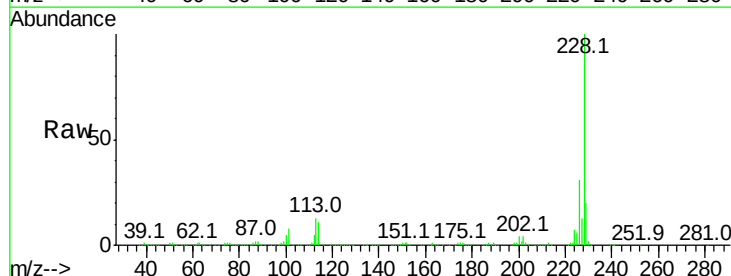
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

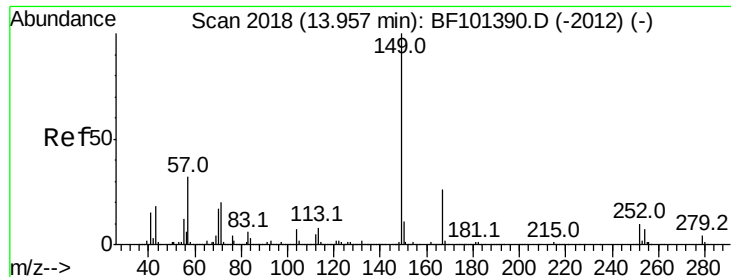
Tot Ion:252 Resp: 179530
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 10.2 11.3 16.9#



#82
 Chrysene
 Concen: 41.123 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion:228 Resp: 765699
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.521 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

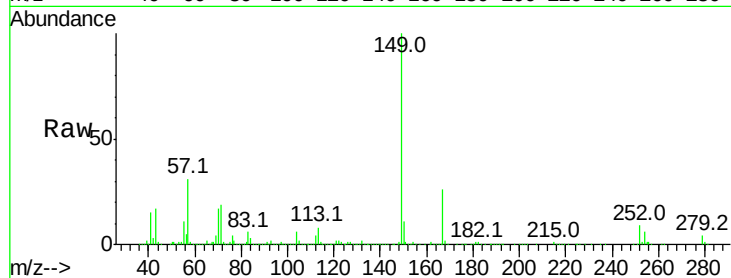
Tot Ion:149 Resp: 610434

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

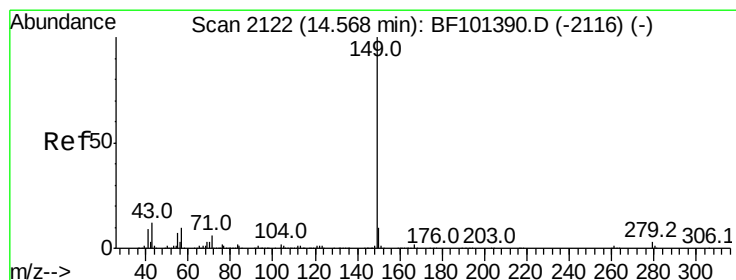
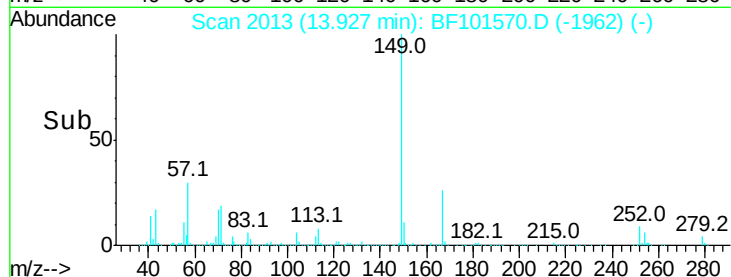
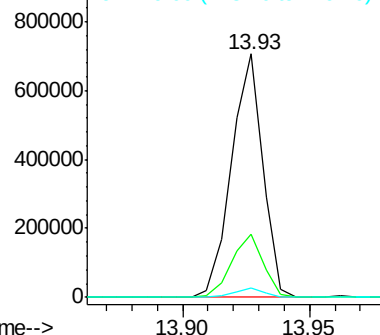
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.359 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

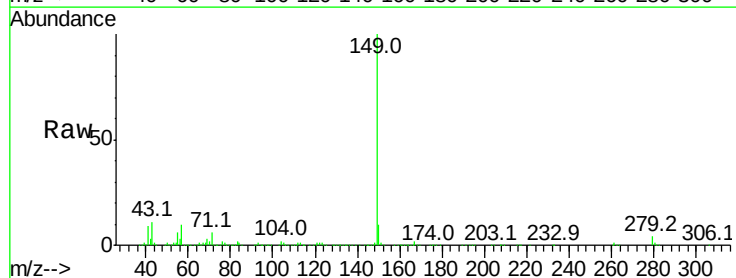
Tgt Ion:149 Resp: 1016213

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

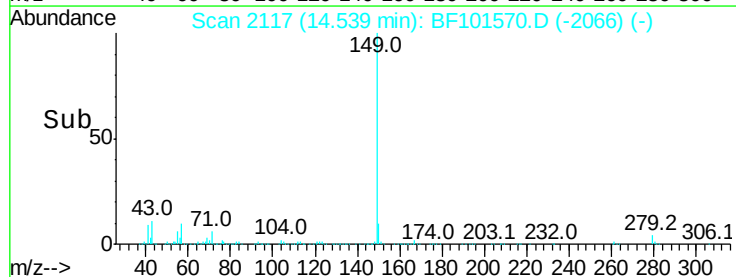
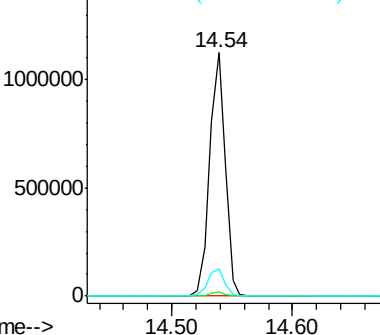
43 11.6 8.4 12.6

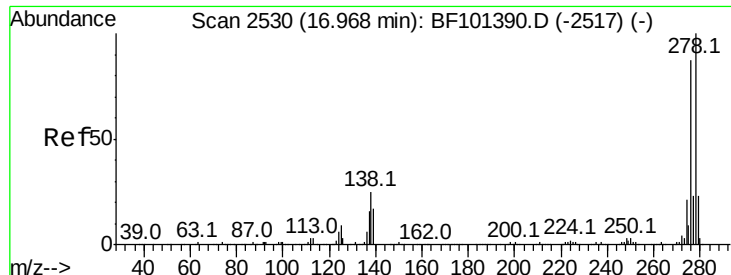


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

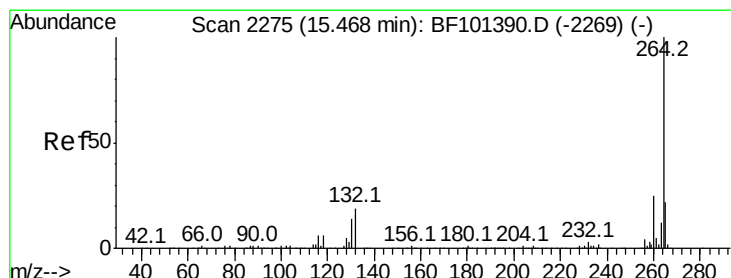
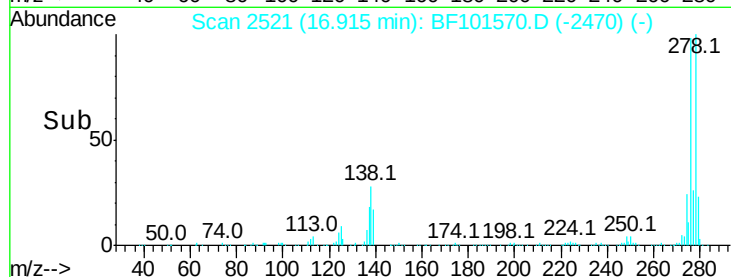
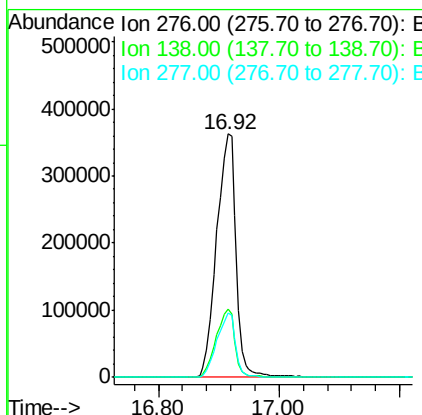
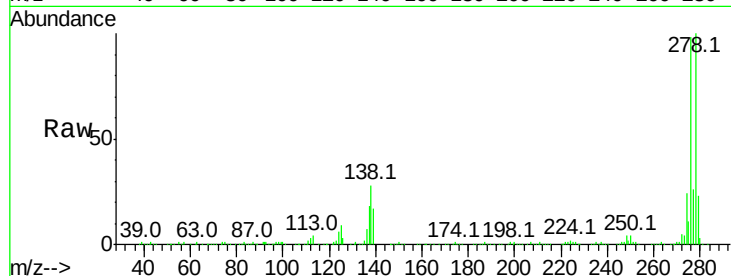




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.019 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

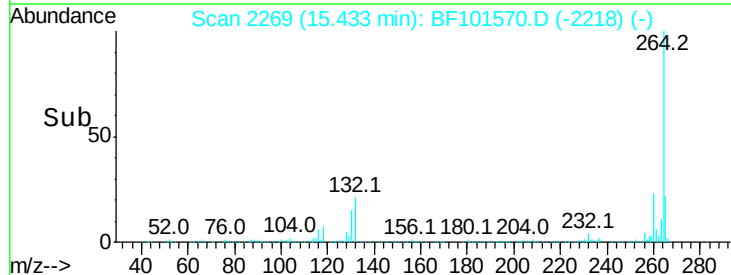
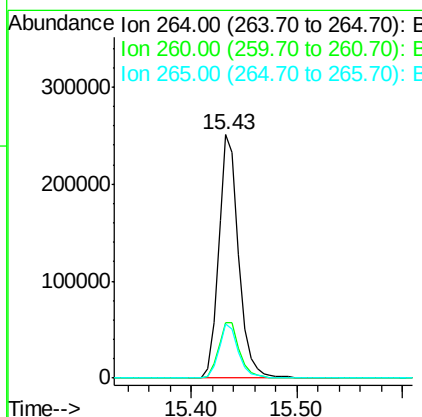
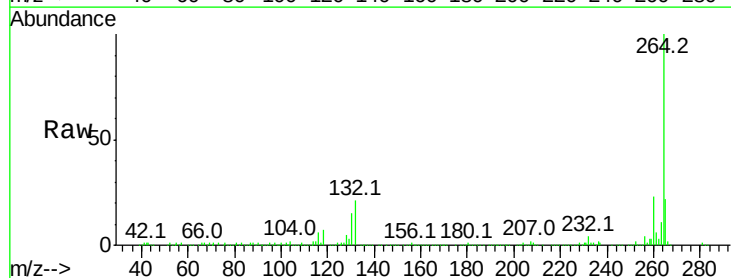
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817MSD

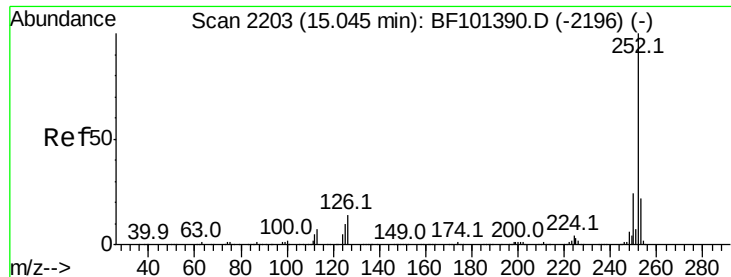
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101570.D
 Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3

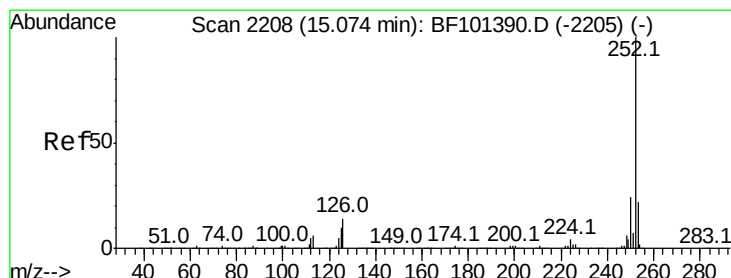
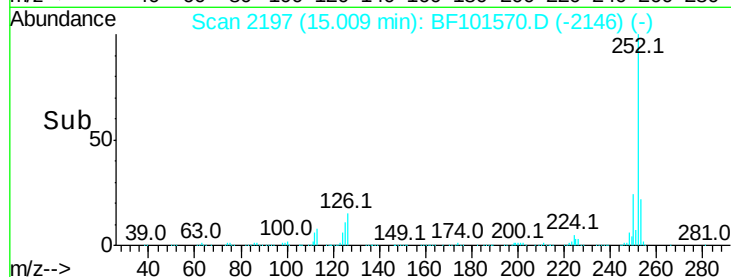
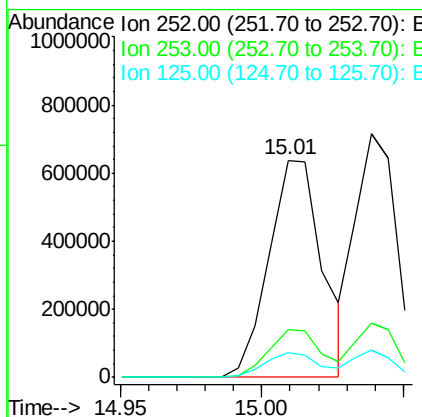
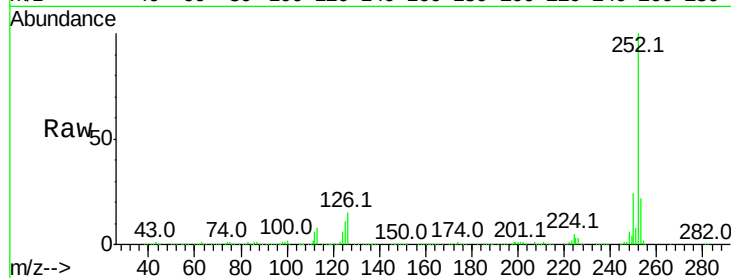




#87
Benzo(b)fluoranthene
Concen: 41.619 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

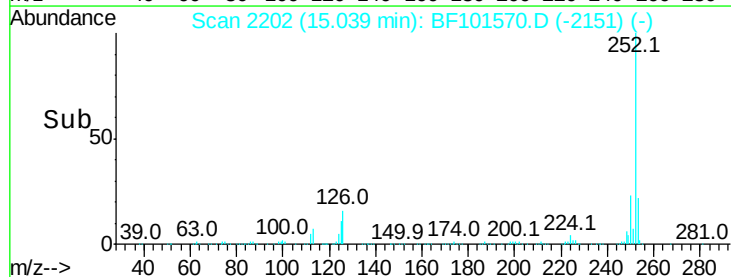
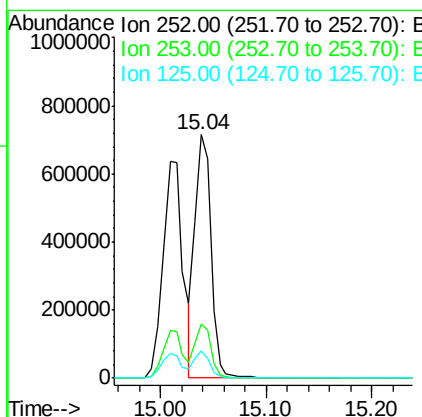
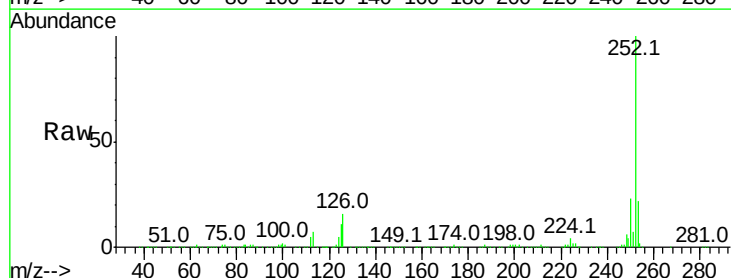
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

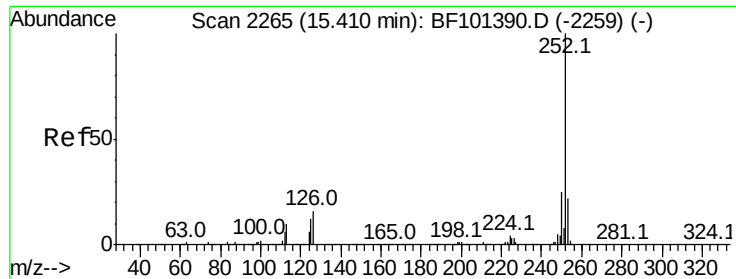
Tot Ion:252 Resp: 840772
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.811 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion:252 Resp: 742677
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.4 10.2 15.2

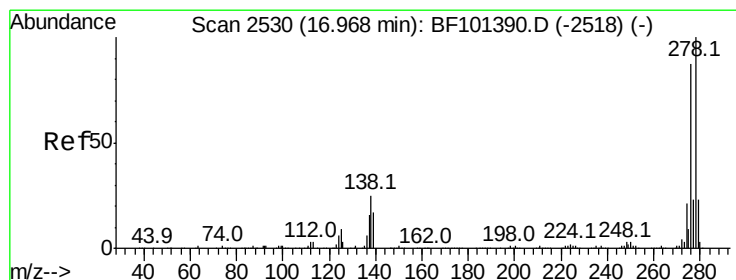
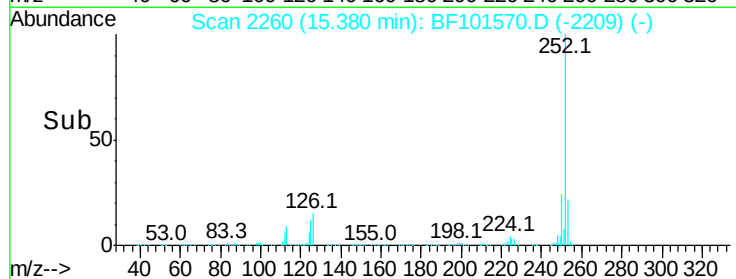
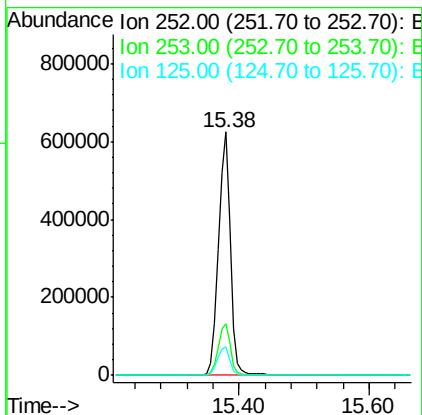
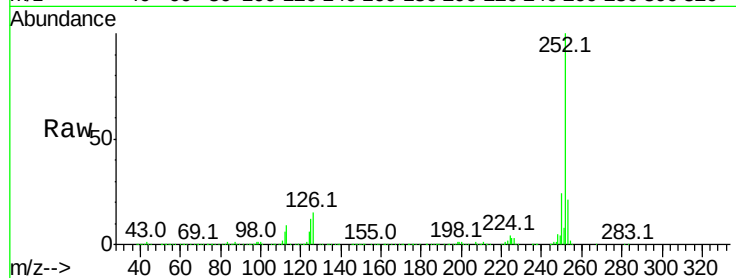




#89
Benzo(a)pyrene
Concen: 42.466 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

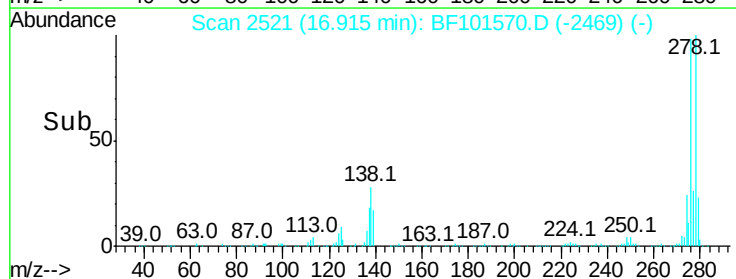
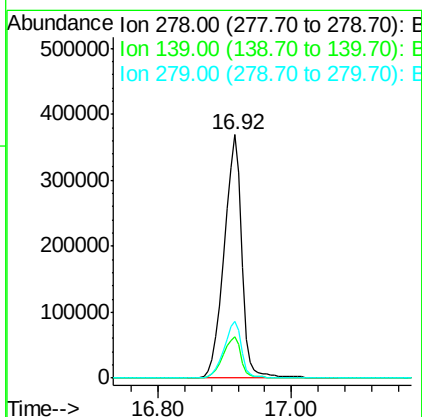
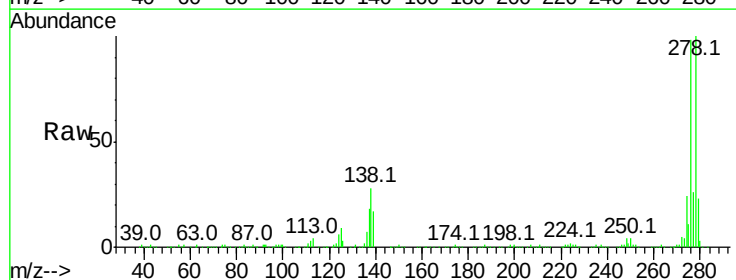
Instrument :
BNA_F
ClientSampleId :
OK-01-121817MSD

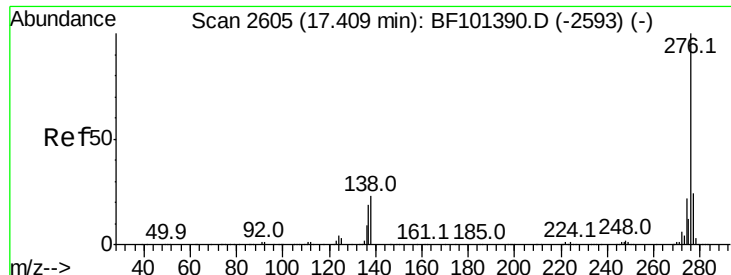
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	11.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.393 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF101570.D
Acq: 20 Dec 2017 16:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.726 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BF101570.D

Acq: 20 Dec 2017 16:24

Instrument :

BNA_F

ClientSampleId :

OK-01-121817MSD

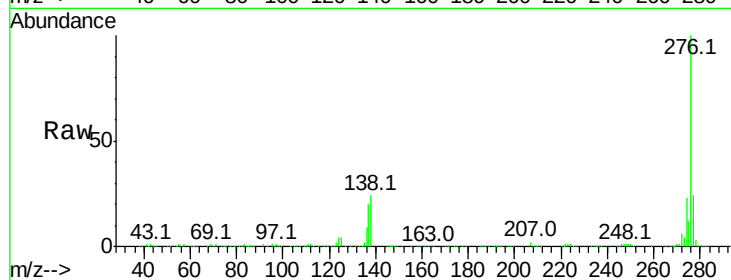
Tot Ion: 276 Resp: 692313

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 24.0 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

