

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104725.D
 Acq On : 23 Apr 2018 23:36
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 01:06:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125460	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	519607	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	221570	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	361694	20.00	ng	0.00
75) Chrysene-d12	13.99	240	222428	20.00	ng	0.00
86) Perylene-d12	15.46	264	176830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	584785	71.27	ng	0.00
7) Phenol-d6	6.46	99	721516	71.57	ng	0.01
23) Nitrobenzene-d5	7.38	82	651322	81.85	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	152345	66.28	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1108152	79.01	ng	0.00
78) Terphenyl-d14	12.93	244	895888	91.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	130420	34.113	ng	89
3) Pyridine	3.22	79	367236	34.164	ng	# 87
4) n-Nitrosodimethylamine	3.18	42	121780	32.410	ng	# 79
6) Aniline	6.47	93	491142	35.066	ng	# 73
8) 2-Chlorophenol	6.60	128	324278	37.445	ng	96
9) Benzaldehyde	6.36	77	190385	36.171	ng	96
10) Phenol	6.47	94	391483	36.599	ng	# 70
11) bis(2-Chloroethyl)ether	6.55	93	320682	37.568	ng	97
12) 1,3-Dichlorobenzene	6.75	146	366801	37.387	ng	99
13) 1,4-Dichlorobenzene	6.83	146	370029	37.836	ng	98
14) 1,2-Dichlorobenzene	6.98	146	347851	38.381	ng	99
15) Benzyl Alcohol	6.96	79	257383	33.614	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	387548	33.807	ng	71
17) 2-Methylphenol	7.07	107	279055	37.069	ng	# 91
18) Hexachloroethane	7.32	117	89990	25.808	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	223349	33.904	ng	93
20) 3+4-Methylphenols	7.23	107	336982	36.093	ng	# 78
22) Acetophenone	7.22	105	474486	37.091	ng	99
24) Nitrobenzene	7.40	77	342836	39.023	ng	99
25) Isophorone	7.63	82	598976	35.596	ng	99
26) 2-Nitrophenol	7.71	139	98992	27.677	ng	95
27) 2,4-Dimethylphenol	7.75	122	257821	34.717	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	381039	37.036	ng	99
29) 2,4-Dichlorophenol	7.96	162	255421	36.047	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	294420	37.861	ng	98
31) Naphthalene	8.12	128	950151	36.723	ng	99
32) Benzoic acid	7.85	122	48326	8.156	ng	98
33) 4-Chloroaniline	8.17	127	410999	37.078	ng	98
34) Hexachlorobutadiene	8.23	225	162501	38.151	ng	99
35) Caprolactam	8.55	113	85612	34.634	ng	# 82
36) 4-Chloro-3-methylphenol	8.66	107	270642	35.621	ng	99
37) 2-Methylnaphthalene	8.81	142	609704	36.430	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	264914	41.767	ng	99
40) Hexachlorocyclopentadiene	8.95	237	12007	3.381	ng	92

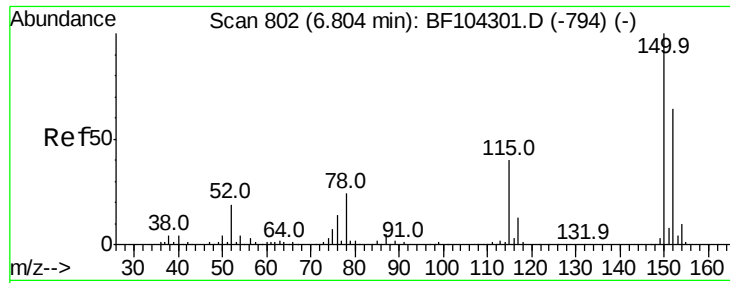
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104725.D
 Acq On : 23 Apr 2018 23:36
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 01:06:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	159563	36.240	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	178558	36.240	ng	96
45) 1,1'-Biphenyl	9.27	154	729270	39.180	ng	99
46) 2-Chloronaphthalene	9.30	162	569230	38.717	ng	99
47) 2-Nitroaniline	9.40	65	179838	49.462	ng	97
48) Acenaphthylene	9.72	152	848396	36.779	ng	100
49) Dimethylphthalate	9.57	163	712877	40.800	ng	100
50) 2,6-Dinitrotoluene	9.64	165	112820	34.895	ng	96
51) Acenaphthene	9.89	154	492342	34.982	ng	99
52) 3-Nitroaniline	9.82	138	179672	47.470	ng	97
53) 2,4-Dinitrophenol	9.93	184	1385	6.686	ng	# 20
54) Dibenzofuran	10.06	168	705213	35.955	ng	98
55) 4-Nitrophenol	9.99	139	66797	22.466	ng	95
56) 2,4-Dinitrotoluene	10.05	165	126261	29.772	ng	97
57) Fluorene	10.40	166	553507	38.771	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	112946	30.727	ng	94
59) Diethylphthalate	10.27	149	680584	39.111	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	264483	41.599	ng	95
61) 4-Nitroaniline	10.43	138	176314	47.641	ng	97
62) Azobenzene	10.55	77	546888	32.895	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	4055	9.297	ng	92
65) n-Nitrosodiphenylamine	10.51	169	501191	39.965	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	157246	40.872	ng	95
67) Hexachlorobenzene	10.95	284	172457	39.838	ng	92
68) Atrazine	11.04	200	132240	34.934	ng	99
69) Pentachlorophenol	11.15	266	92678	34.605	ng	96
70) Phenanthrene	11.37	178	740973	36.787	ng	98
71) Anthracene	11.42	178	752934	36.773	ng	98
72) Carbazole	11.57	167	712431	35.608	ng	100
73) Di-n-butylphthalate	11.90	149	978419	40.033	ng	99
74) Fluoranthene	12.56	202	703535	33.430	ng	99
76) Benzidine	12.68	184	311218	41.801	ng	98
77) Pyrene	12.79	202	707737	42.927	ng	99
79) Butylbenzylphthalate	13.40	149	358241	46.122	ng	97
80) Benzo(a)anthracene	13.98	228	528571	39.778	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	197461	39.855	ng	97
82) Chrysene	14.02	228	508769	37.275	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	502792	50.326	ng	99
84) Di-n-octyl phthalate	14.57	149	731142	43.798	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.93	276	389478	33.591	ng	98
87) Benzo(b)fluoranthene	15.03	252	414125	37.080	ng	98
88) Benzo(k)fluoranthene	15.06	252	424699	40.279	ng	99
89) Benzo(a)pyrene	15.40	252	376444	37.671	ng	99
90) Dibenzo(a,h)anthracene	16.94	278	333620	40.650	ng	98
91) Benzo(g,h,i)perylene	17.37	276	299663	37.687	ng	96

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

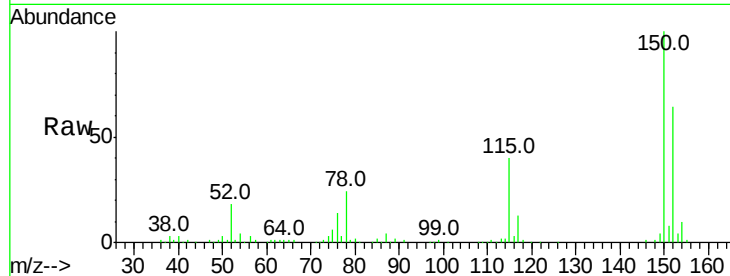


#1

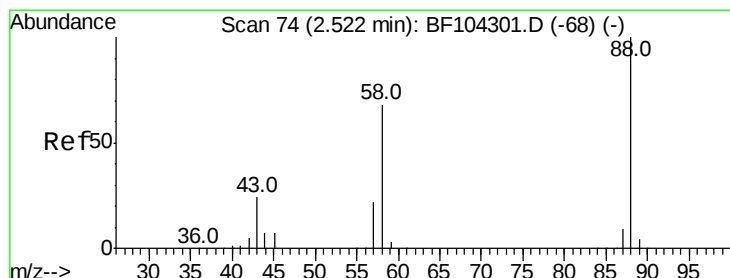
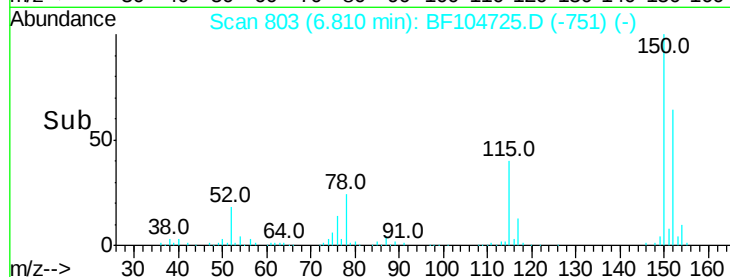
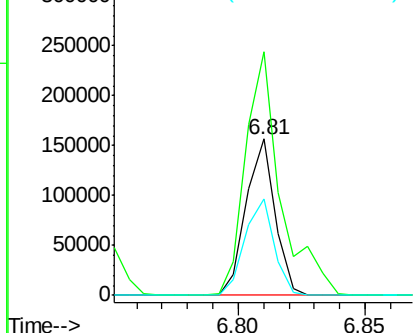
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125460
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 62.0 50.1 75.1



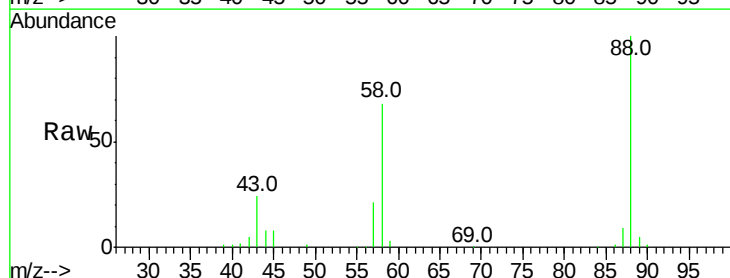
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



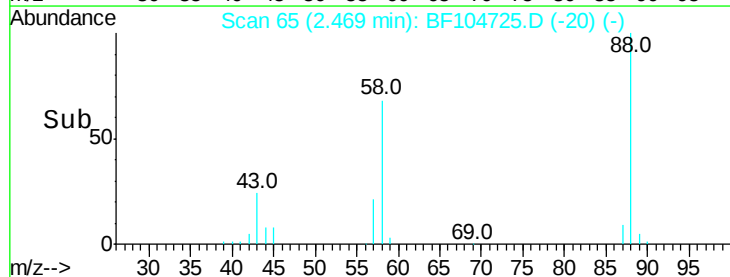
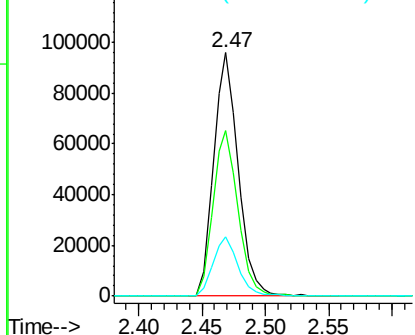
#2

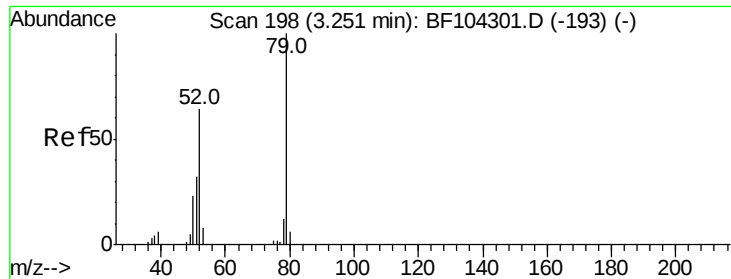
1,4-Dioxane
Concen: 34.113 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.04 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion: 88 Resp: 130420
Ion Ratio Lower Upper
88 100
58 68.5 62.6 93.8
43 24.9 24.6 37.0



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



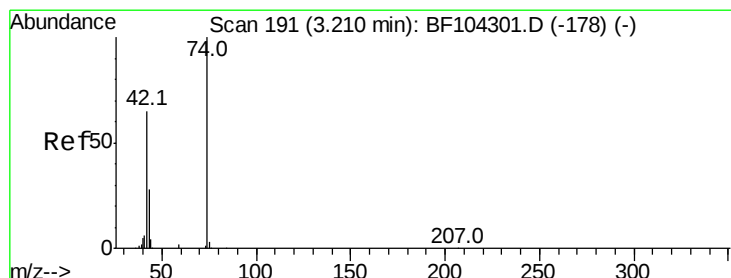
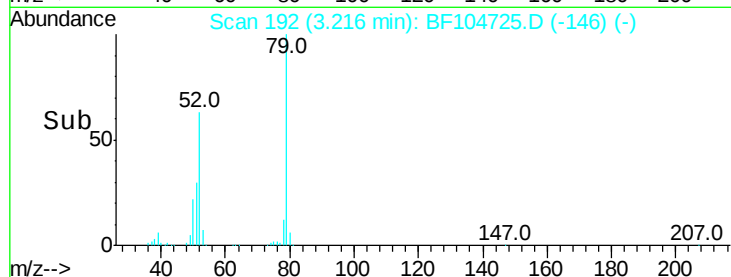
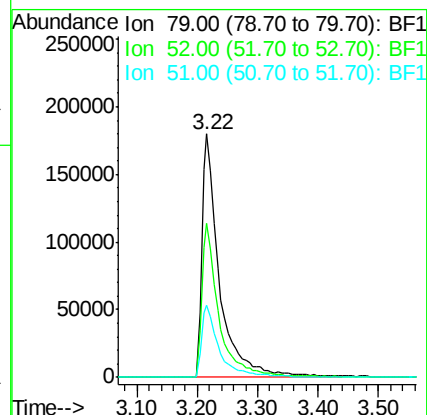
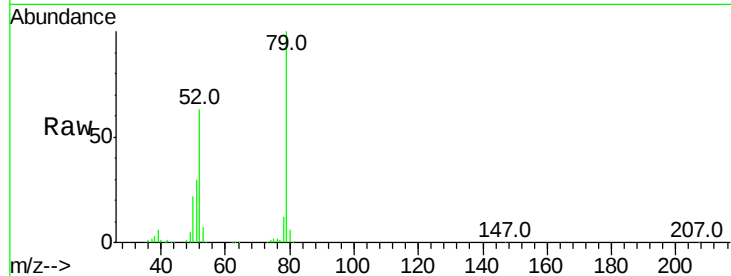


#3
Pvridine
Concen: 34.164 ng
RT: 3.22 min Scan# 192
Delta R.T. -0.03 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 367236

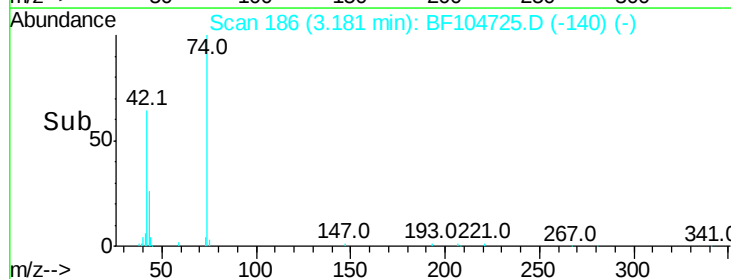
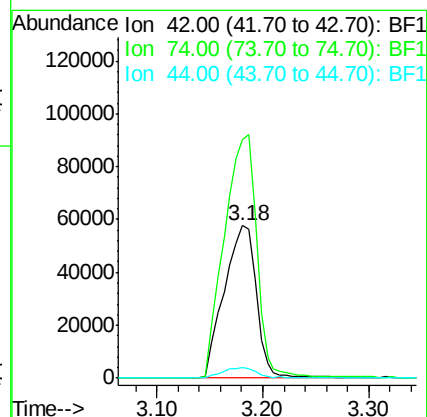
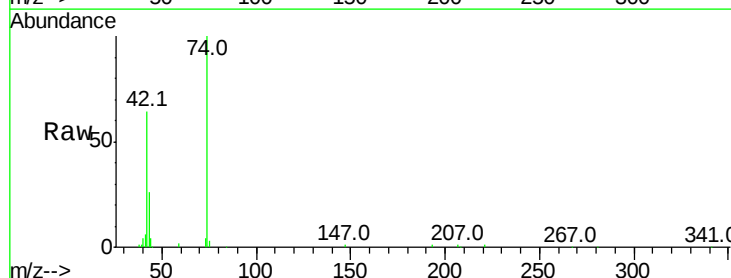
Ion	Ratio	Lower	Upper
79	100		
52	63.1	59.8	89.6
51	29.8	29.8	44.8#

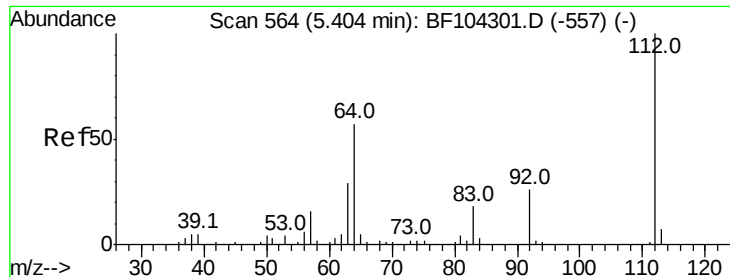


#4
n-Nitrosodimethylamine
Concen: 32.410 ng
RT: 3.18 min Scan# 186
Delta R.T. -0.03 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion: 42 Resp: 121780

Ion	Ratio	Lower	Upper
42	100		
74	156.3	104.9	157.3
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 71.271 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampled :

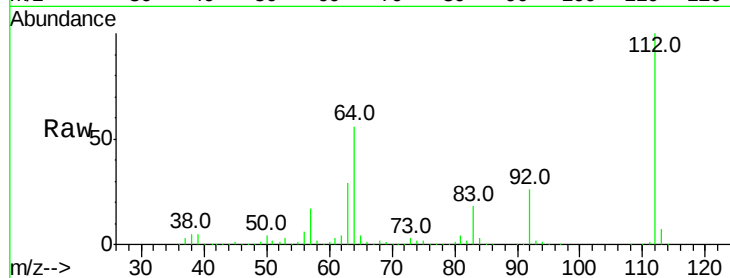
Tot Ion:112 Resp: 584785

Ion Ratio Lower Upper

112 100

64 56.3 47.9 71.9

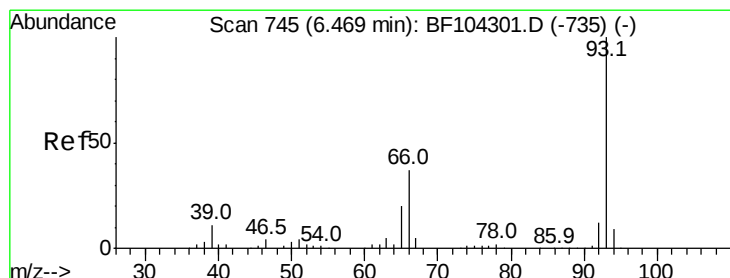
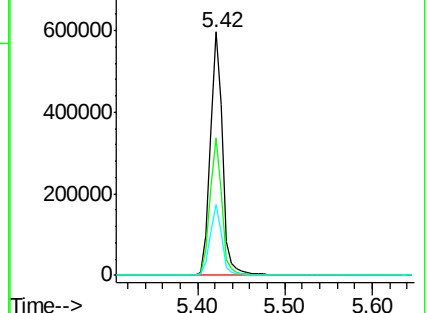
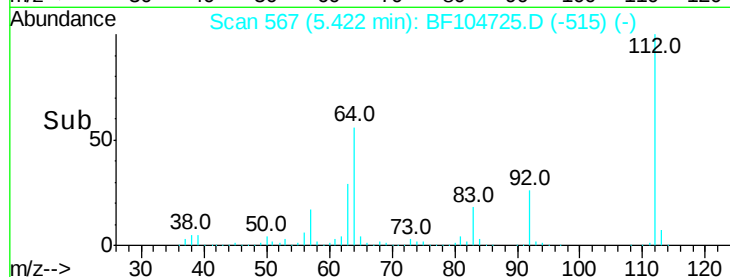
63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.066 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

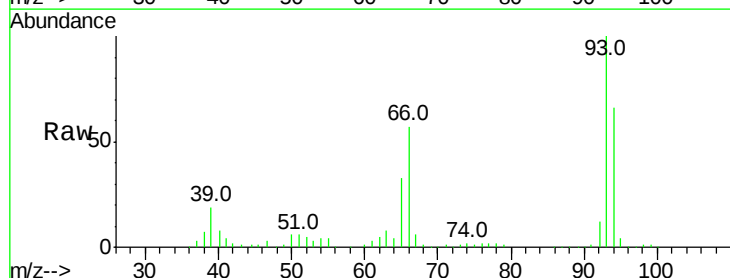
Tgt Ion: 93 Resp: 491142

Ion Ratio Lower Upper

93 100

66 56.6 32.2 48.2#

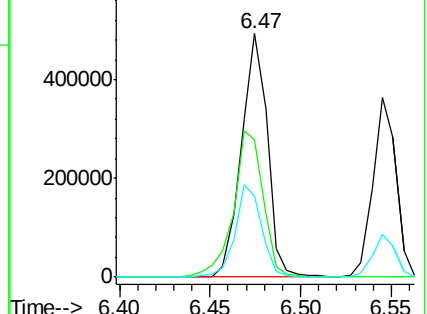
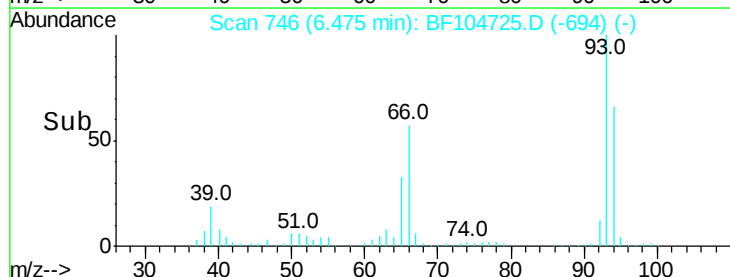
65 33.0 16.4 24.6#



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: 71.569 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :

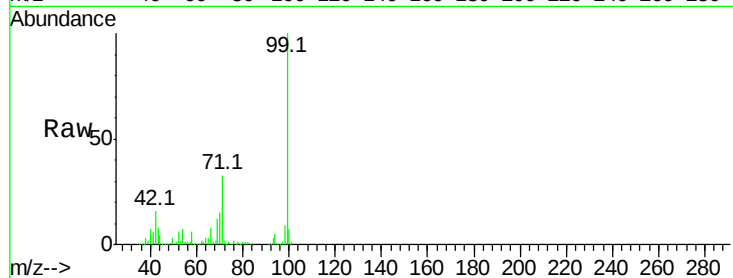
Tot Ion: 99 Resp: 721516

Ion Ratio Lower Upper

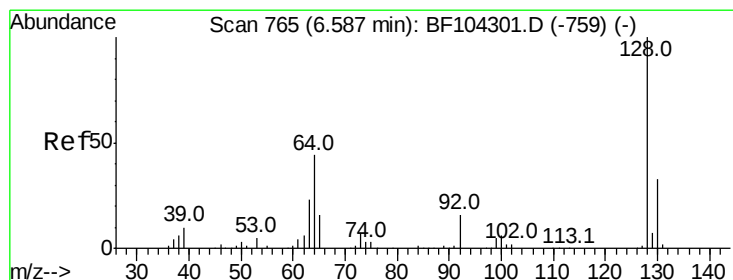
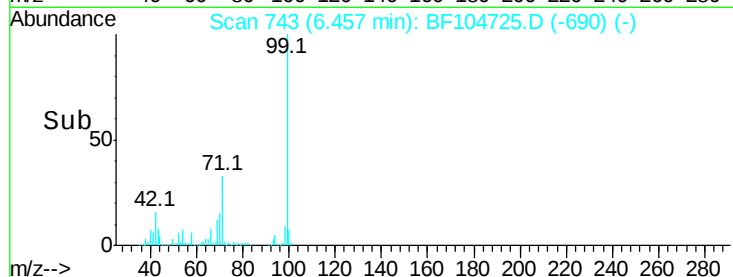
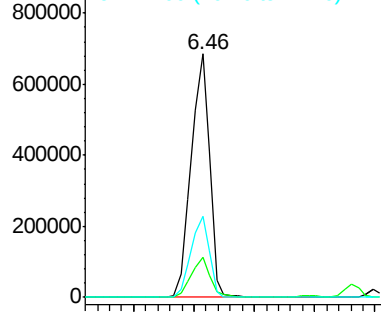
99 100

42 16.4 14.5 21.7

71 33.4 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: 37.445 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

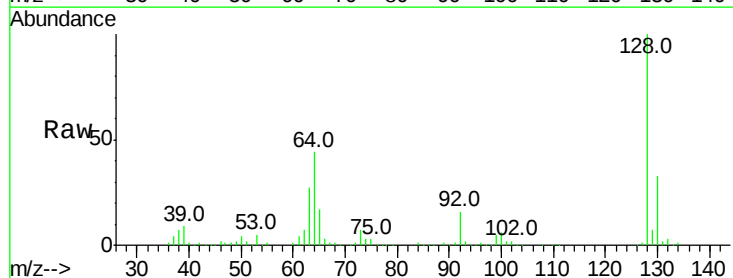
Tgt Ion: 128 Resp: 324278

Ion Ratio Lower Upper

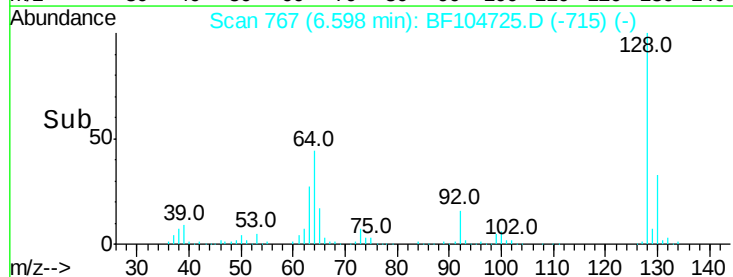
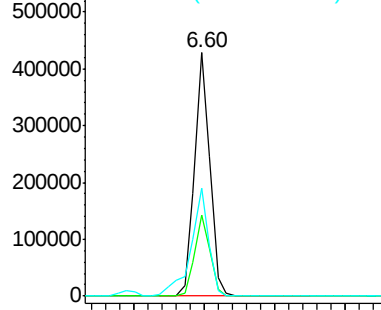
128 100

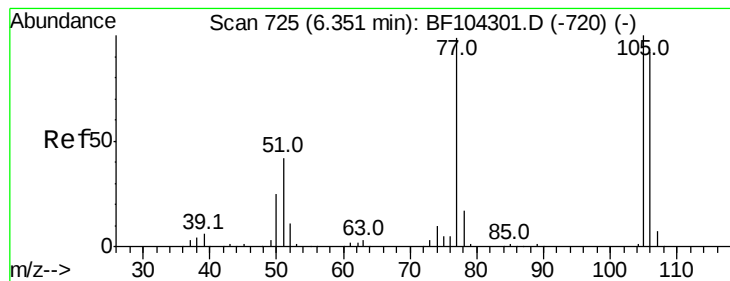
130 33.1 13.0 53.0

64 44.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.171 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :

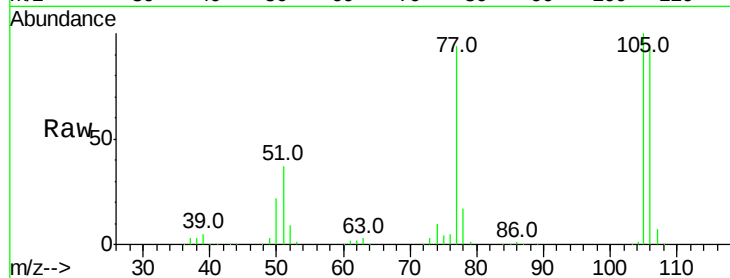
Tot Ion: 77 Resp: 190385

Ion Ratio Lower Upper

77 100

105 105.8 81.1 121.1

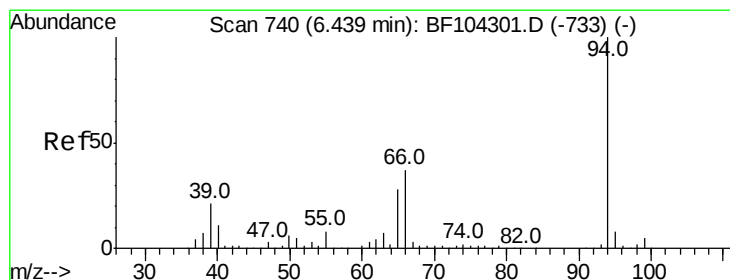
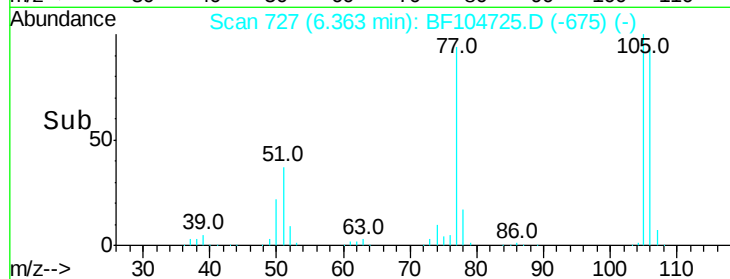
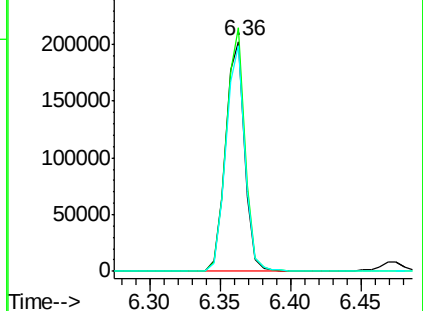
106 98.2 74.5 114.5



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: 36.599 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

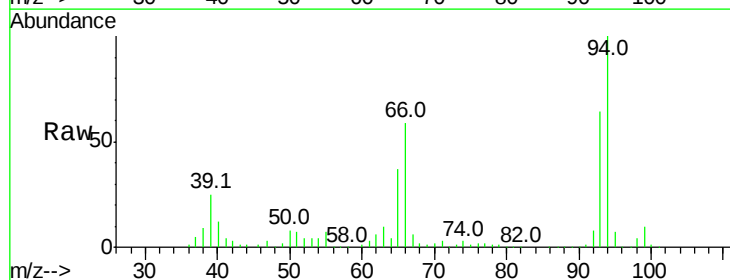
Tgt Ion: 94 Resp: 391483

Ion Ratio Lower Upper

94 100

65 37.5 7.9 47.9

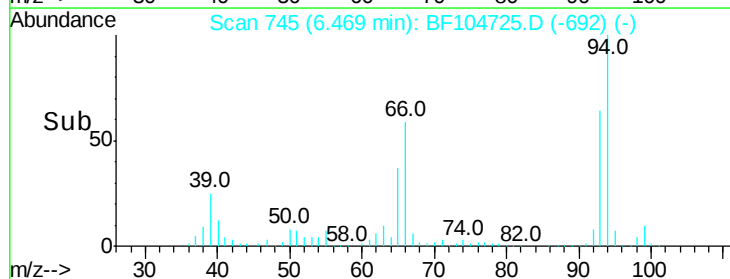
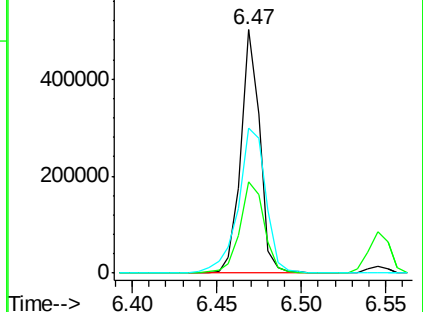
66 59.3 16.2 56.2#



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: 37.568 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :

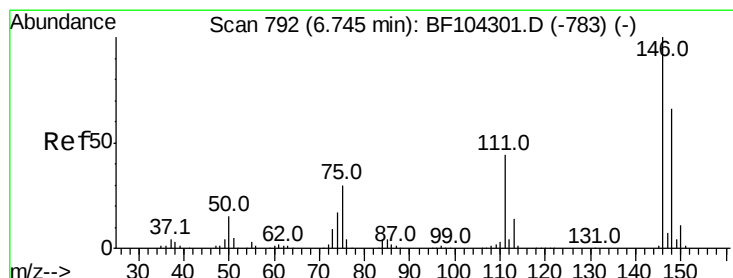
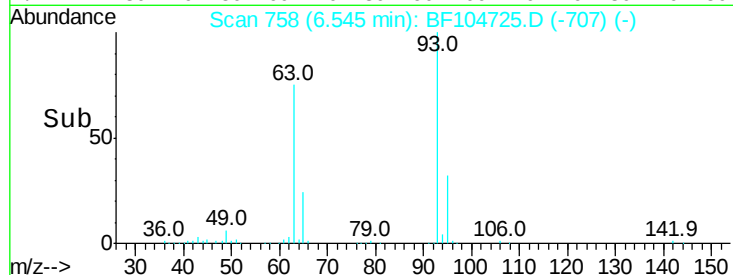
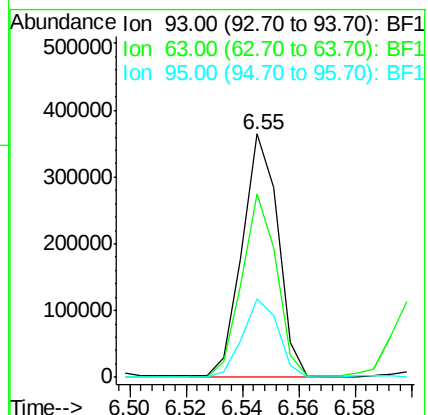
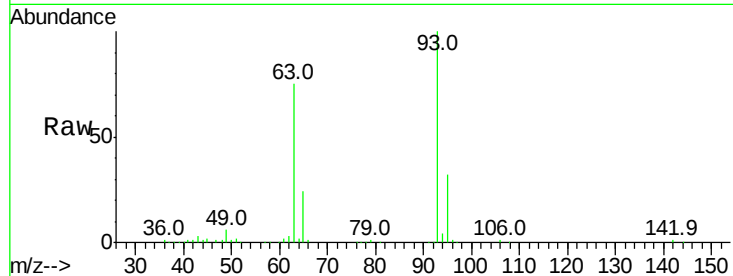
Tot Ion: 93 Resp: 320682

Ion Ratio Lower Upper

93 100

63 75.2 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.387 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

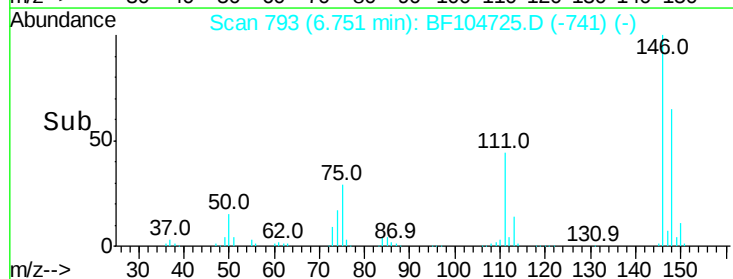
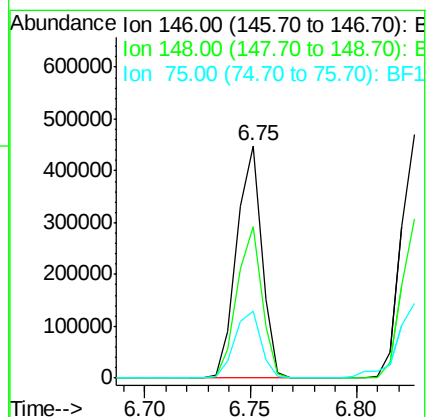
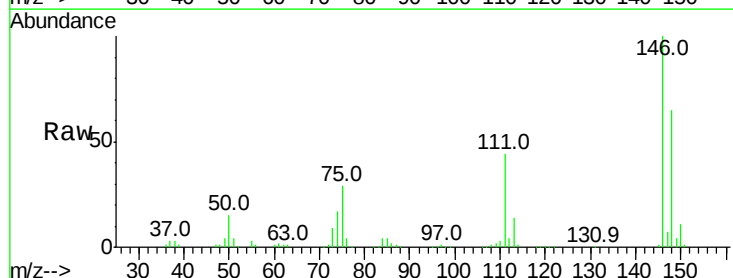
Tgt Ion: 146 Resp: 366801

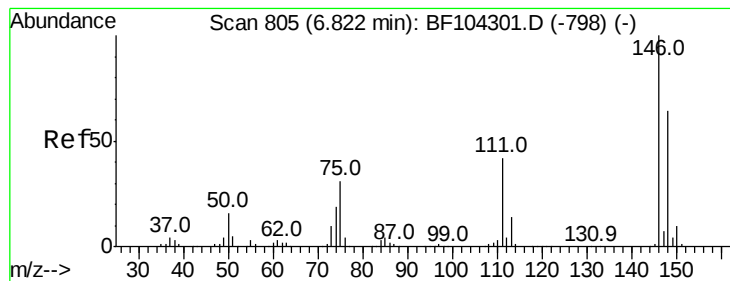
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 28.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.836 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :

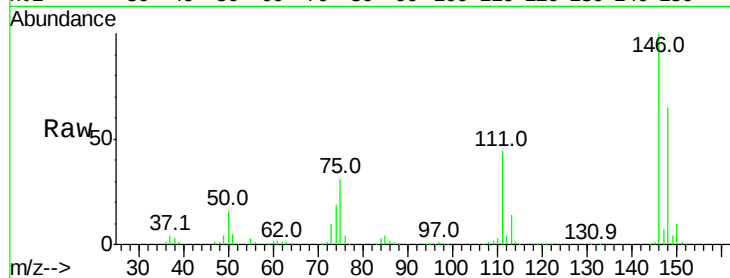
Tot Ion:146 Resp: 370029

Ion Ratio Lower Upper

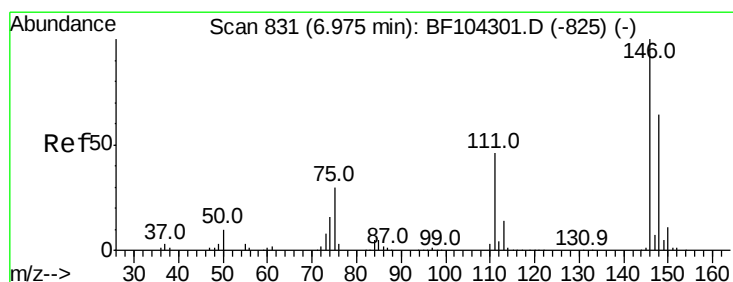
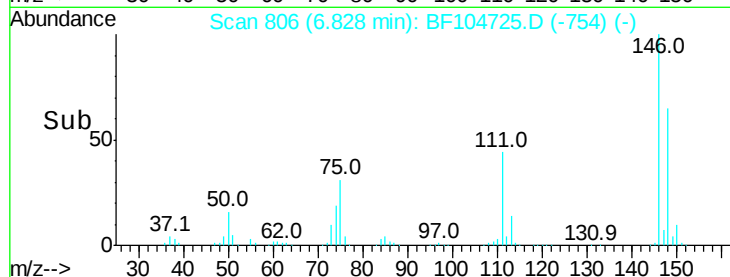
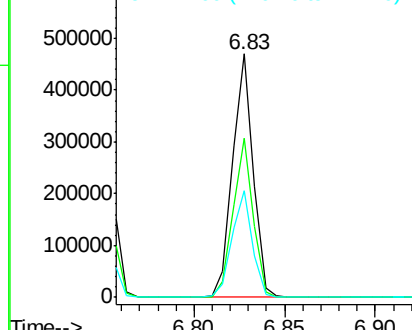
146 100

148 65.3 50.8 76.2

111 43.9 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: 38.381 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

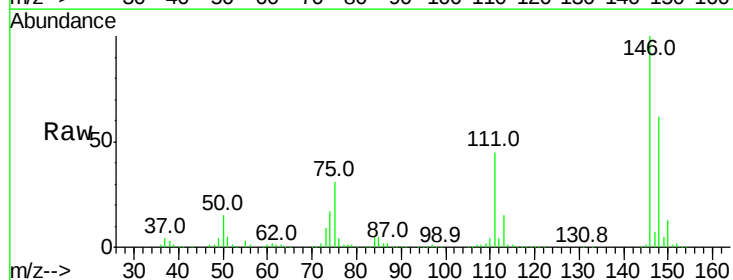
Tgt Ion:146 Resp: 347851

Ion Ratio Lower Upper

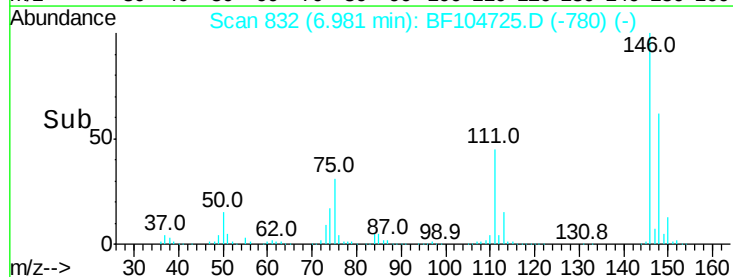
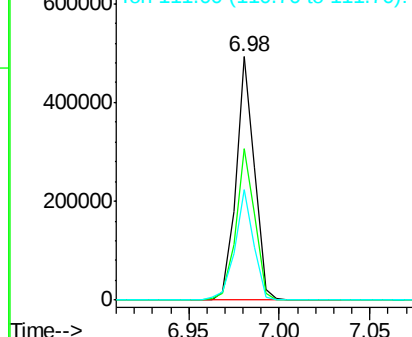
146 100

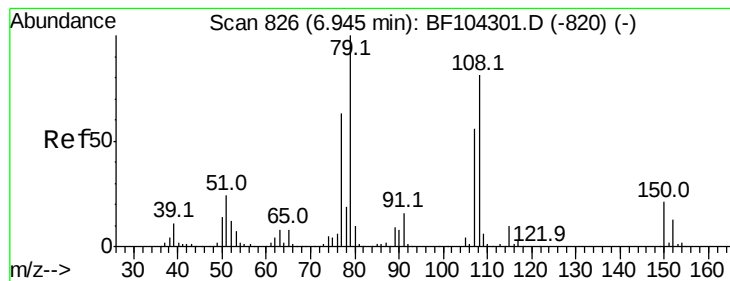
148 62.3 50.6 75.8

111 45.4 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: 33.614 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :
BNA_F
ClientSampleId :

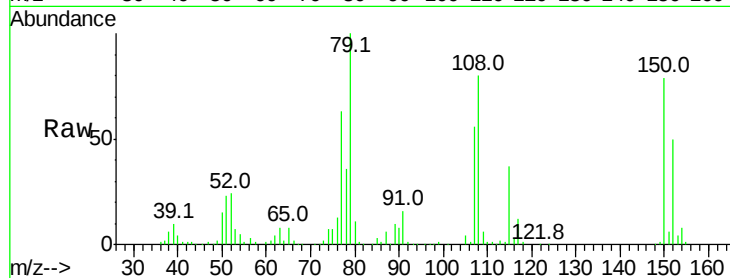
Tot Ion: 79 Resp: 257383

Ion Ratio Lower Upper

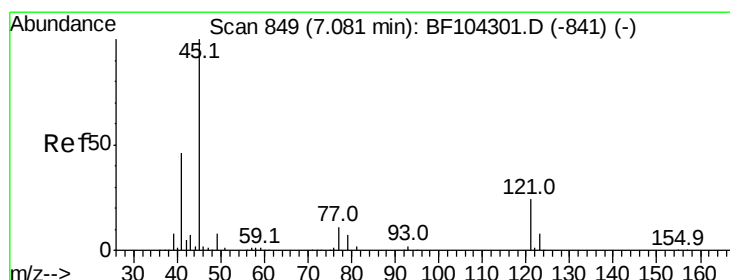
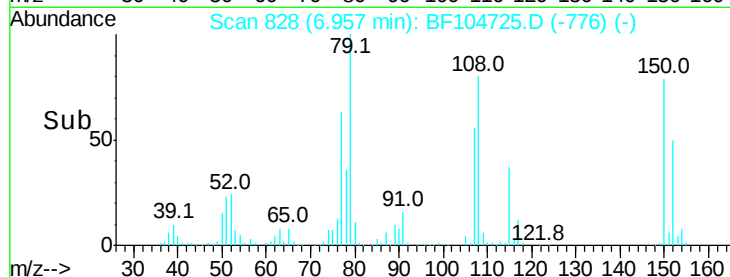
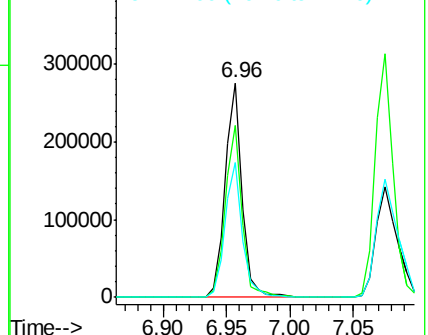
79 100

108 80.1 65.1 97.7

77 62.8 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: 33.807 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

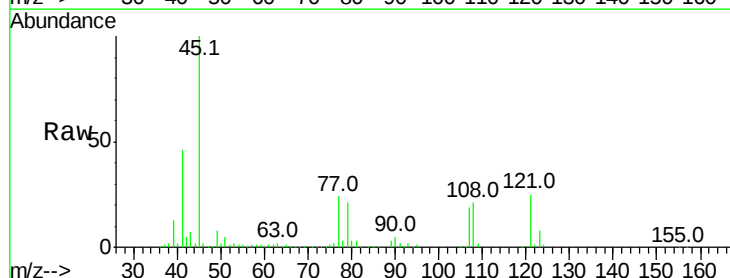
Tgt Ion: 45 Resp: 387548

Ion Ratio Lower Upper

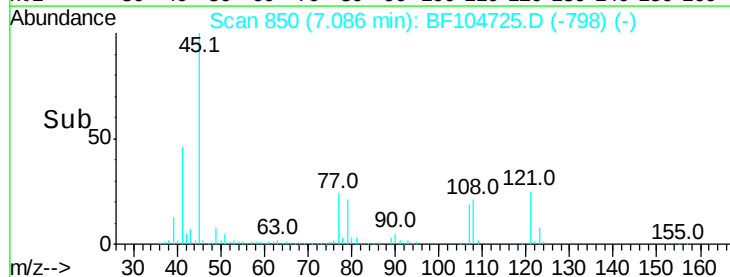
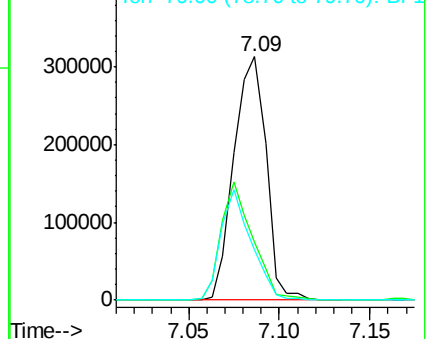
45 100

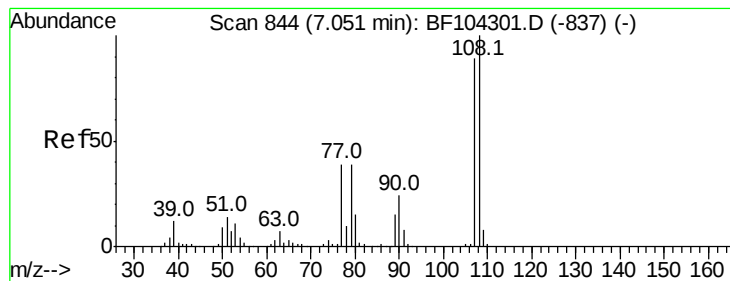
77 23.8 0.0 32.9

79 20.8 0.0 29.6



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





#17

2-Methylphenol

Concen: 37.069 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF104725.D

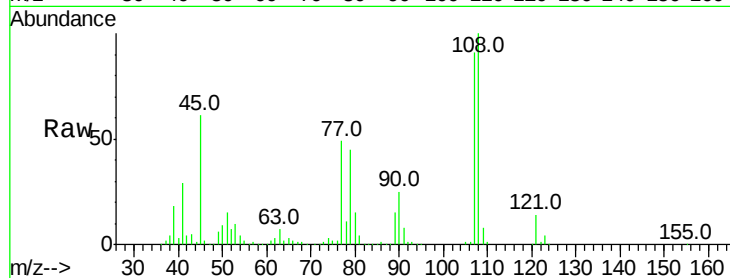
Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	279055
Ion	Ratio	Lower	Upper
107	100		
108	109.9	91.7	137.5
77	53.5	33.8	50.8#
79	49.8	33.8	50.8

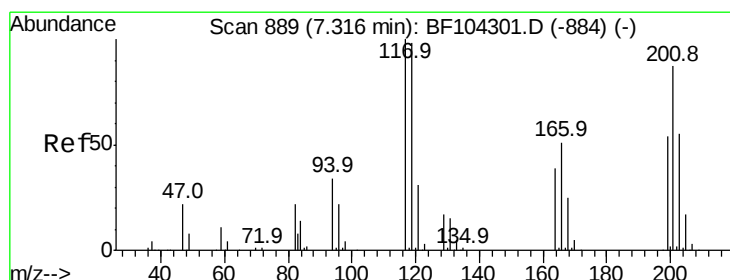
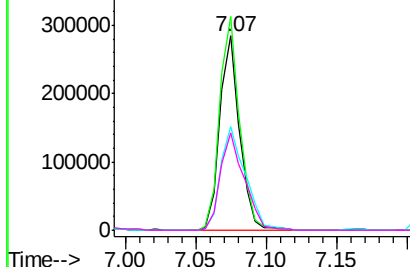
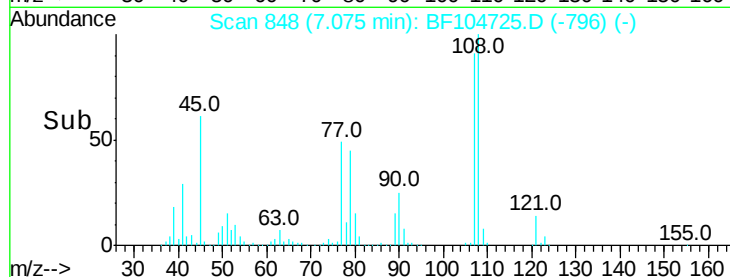


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 25.808 ng

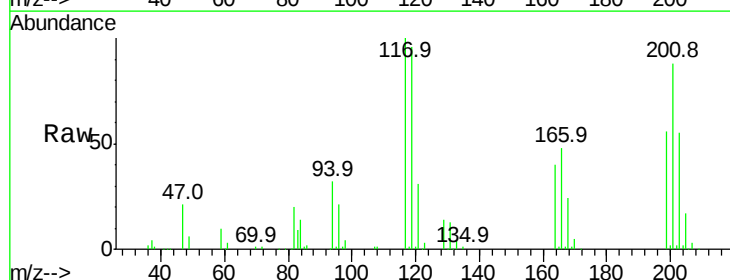
RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

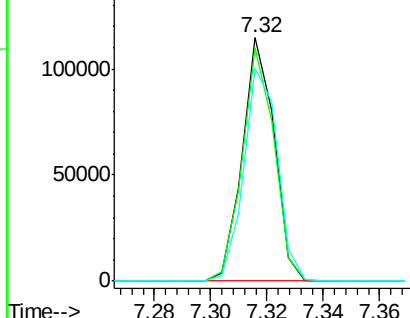
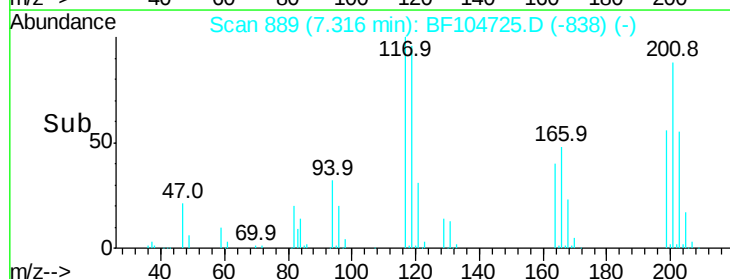
Tgt Ion:	117	Resp:	89990
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	87.6	75.7	113.5

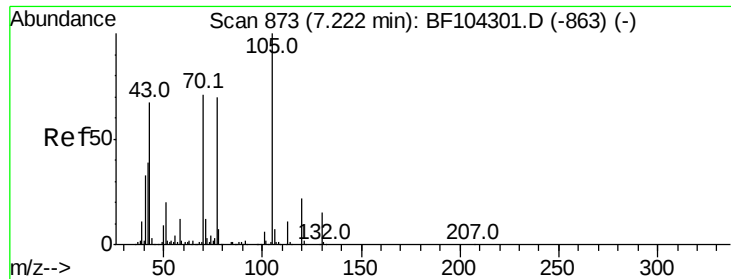


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

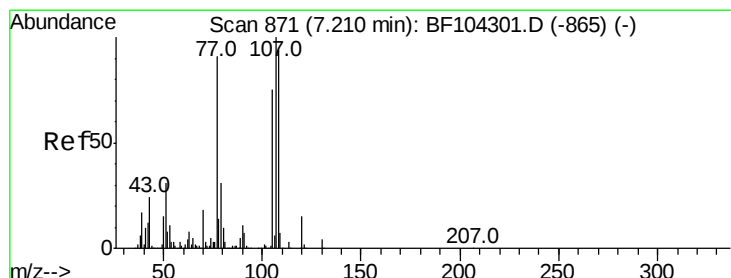
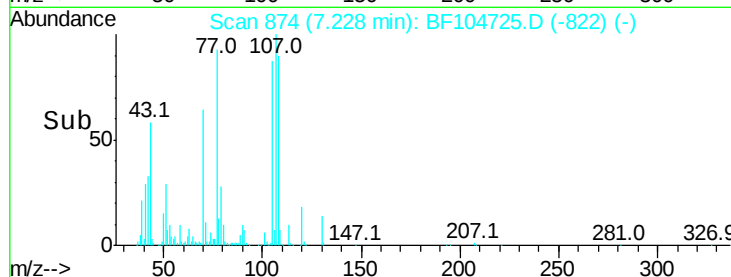
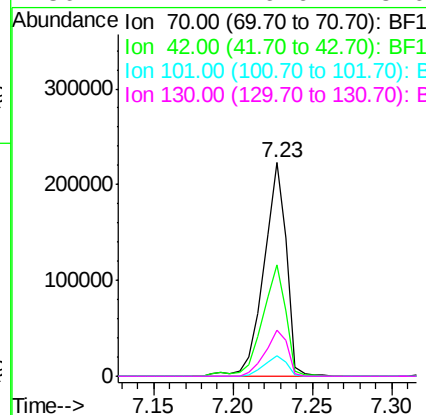
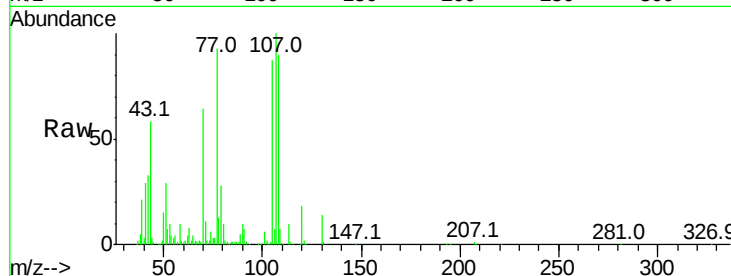




#19
n-Nitroso-di-n-propylamine
Concen: 33.904 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

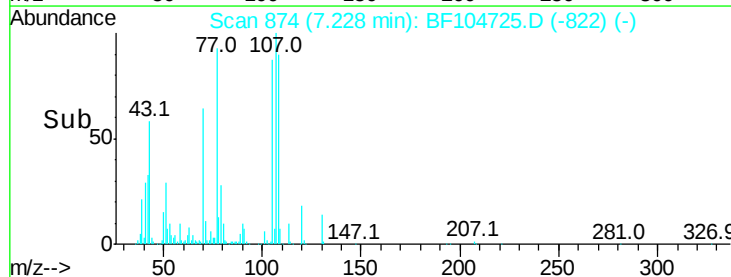
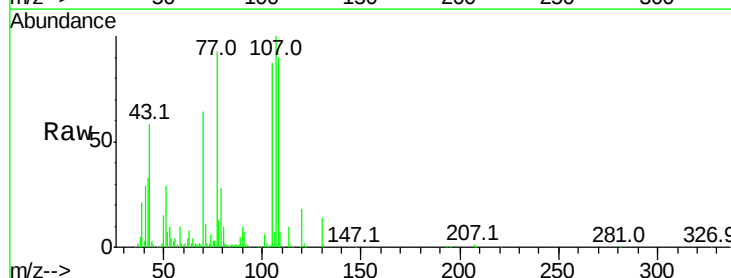
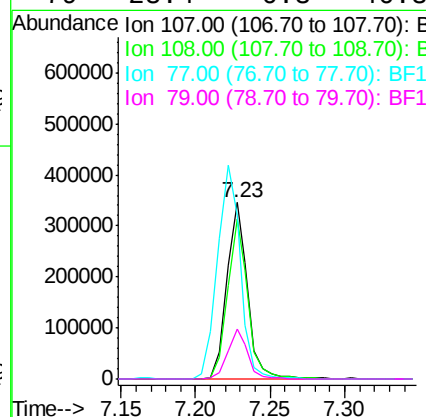
Instrument :
BNA_F
ClientSampleId :

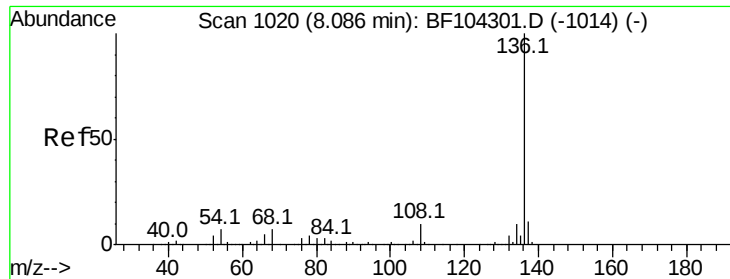
Tot Ion: 70 Resp: 223349
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 9.5 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.093 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion: 107 Resp: 336982
Ion Ratio Lower Upper
107 100
108 90.4 68.2 108.2
77 93.1 26.7 66.7#
79 28.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 519607

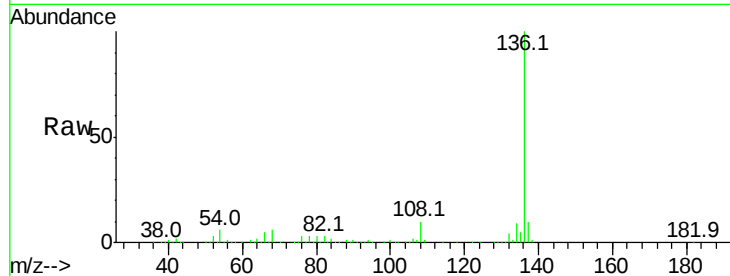
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 6.2 6.6 9.8#

68 5.5 5.0 7.4

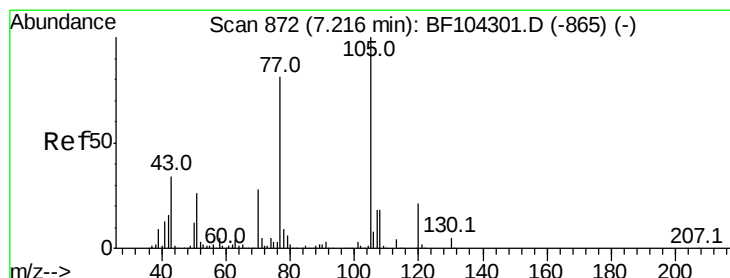
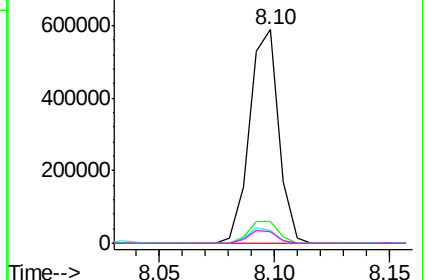
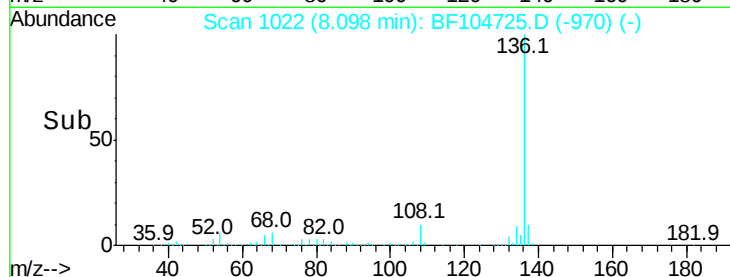


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.091 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Tgt Ion:105 Resp: 474486

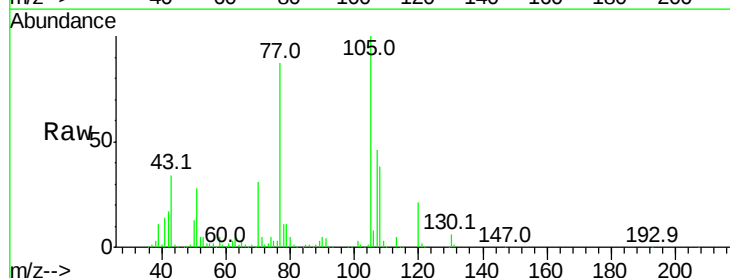
Ion Ratio Lower Upper

105 100

71 5.1 4.4 6.6

51 27.6 22.3 33.5

120 20.9 16.9 25.3

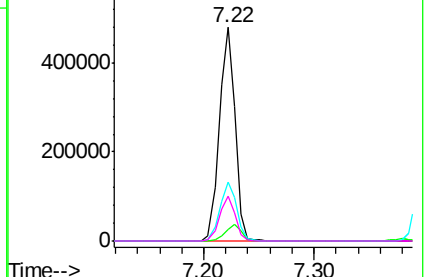
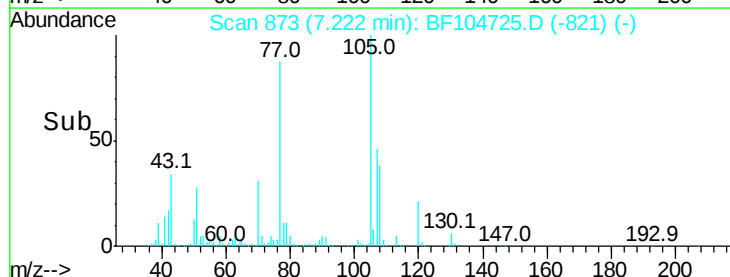


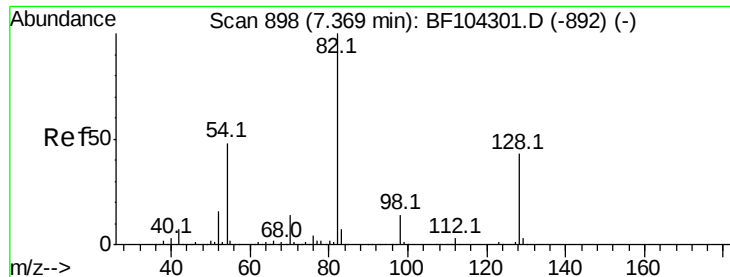
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

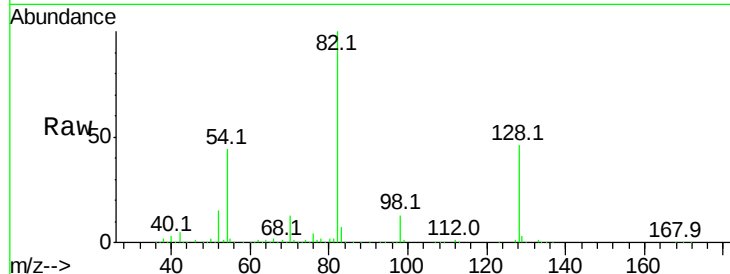




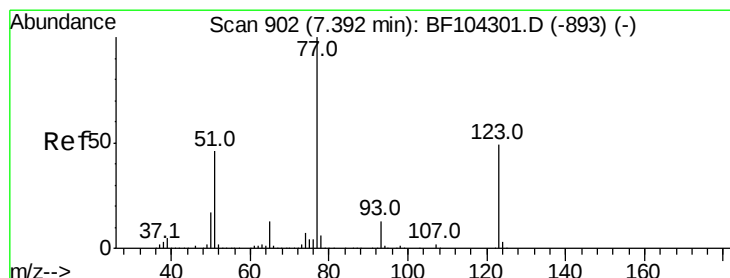
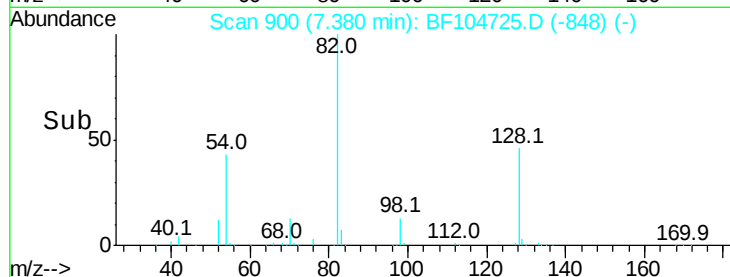
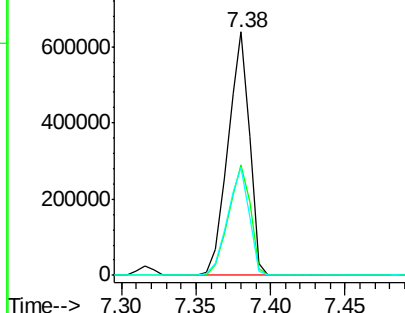
#23
Nitrobenzene-d5
Concen: 81.850 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 651322
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 44.2 41.4 62.2

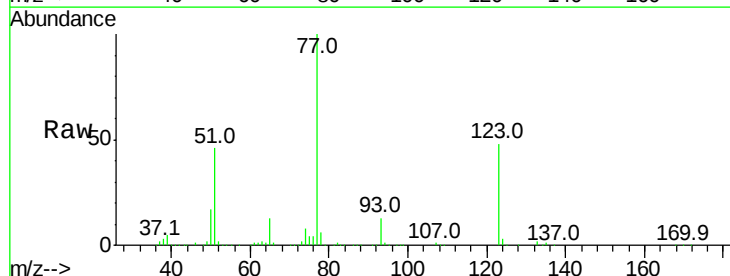


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

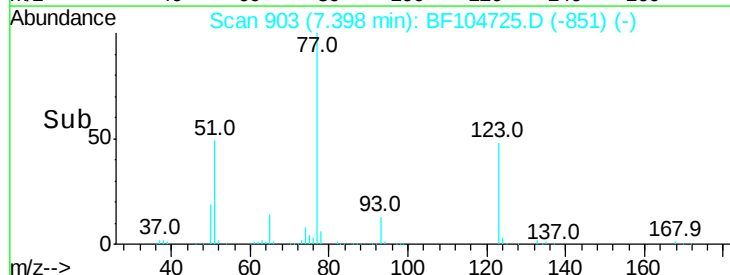
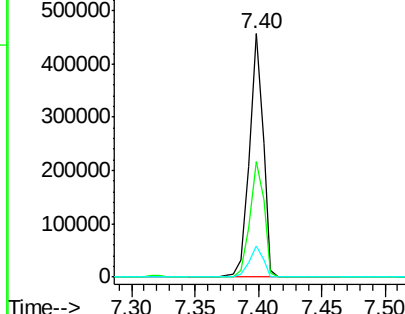


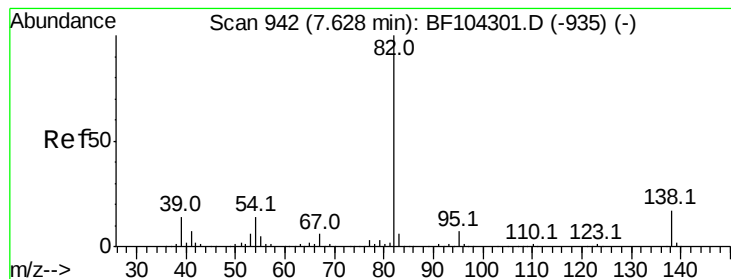
#24
Nitrobenzene
Concen: 39.023 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion: 77 Resp: 342836
Ion Ratio Lower Upper
77 100
123 47.5 37.9 56.9
65 13.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.596 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :
BNA_F
ClientSampleId :

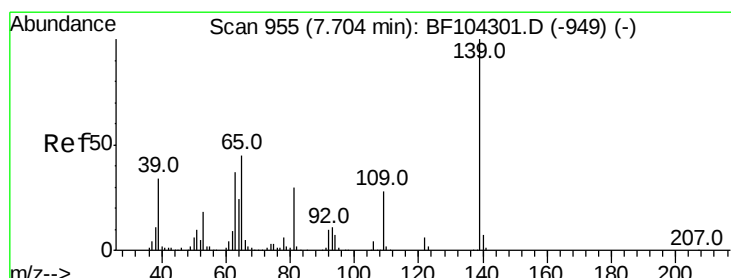
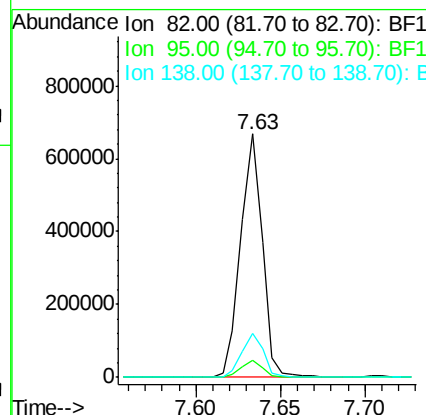
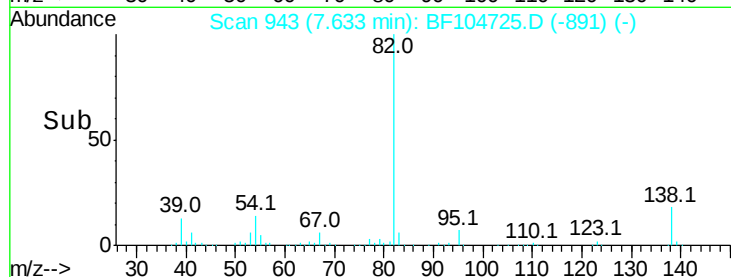
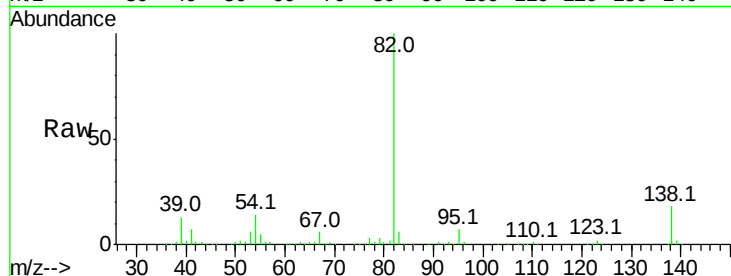
Tot Ion: 82 Resp: 598976

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 27.677 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

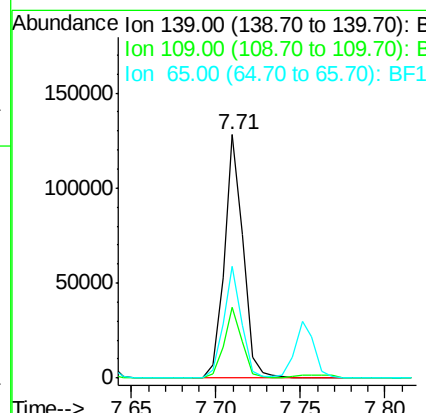
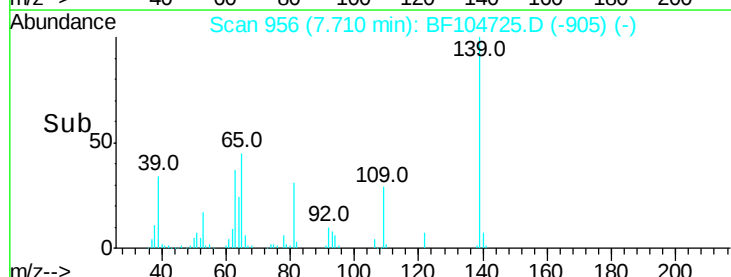
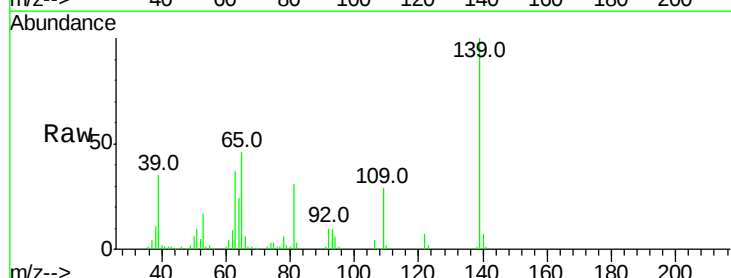
Tgt Ion:139 Resp: 98992

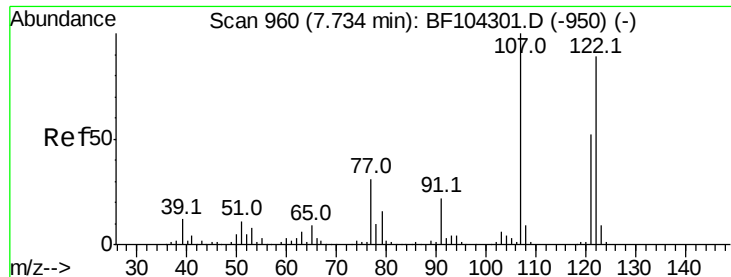
Ion Ratio Lower Upper

139 100

109 28.9 22.7 34.1

65 46.1 40.5 60.7

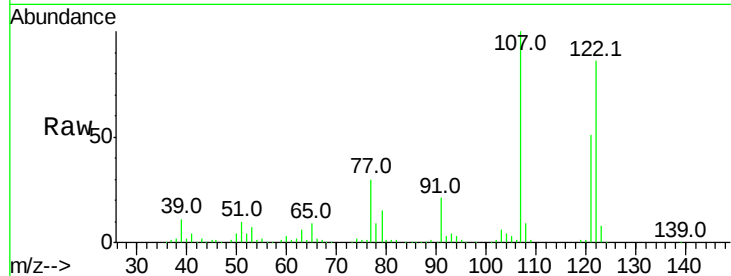




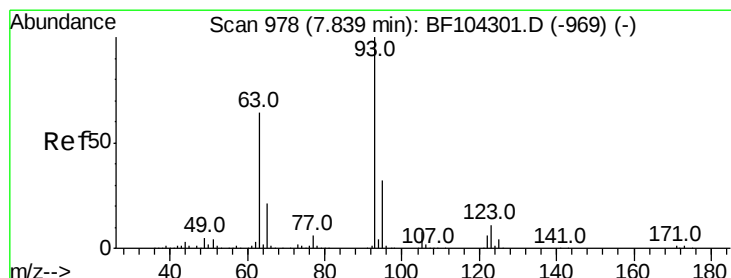
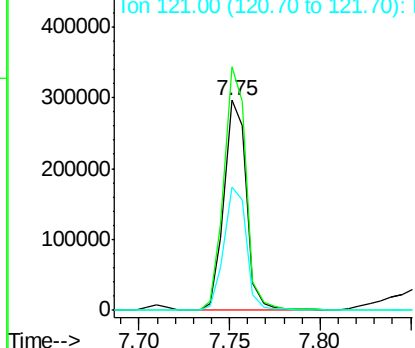
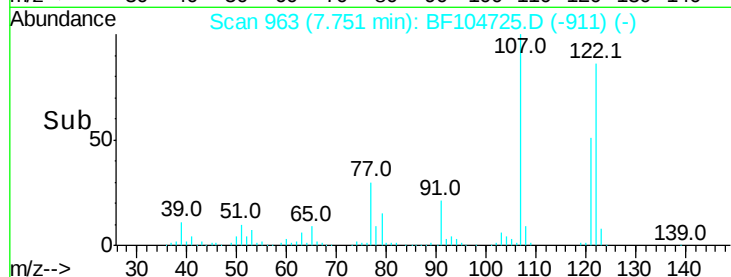
#27
 2,4-Dimethylphenol
 Concen: 34.717 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 257821
 Ion Ratio Lower Upper
 122 100
 107 115.9 91.2 136.8
 121 58.6 47.2 70.8

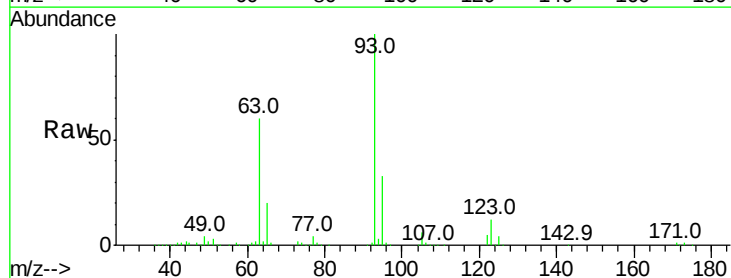


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

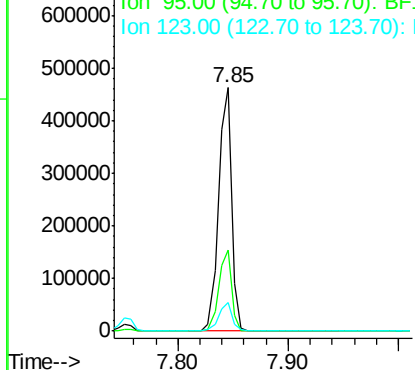
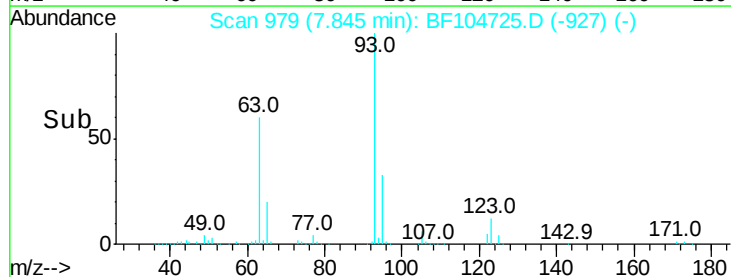


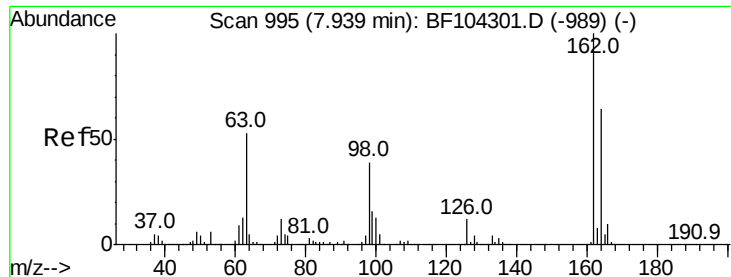
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.036 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion: 93 Resp: 381039
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.6 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: 36.047 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :

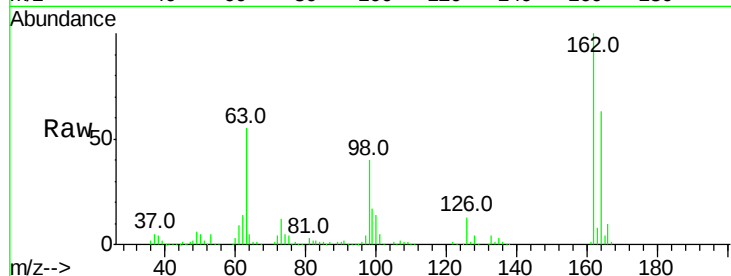
Tot Ion:162 Resp: 255421

Ion Ratio Lower Upper

162 100

164 62.8 42.7 82.7

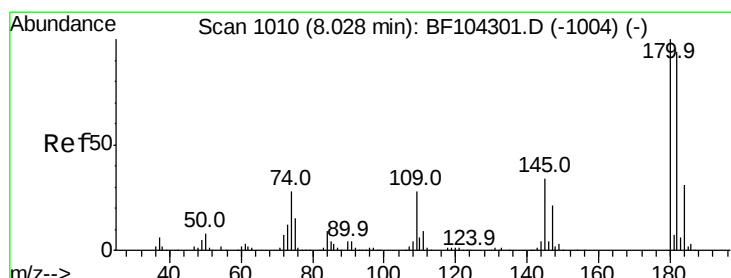
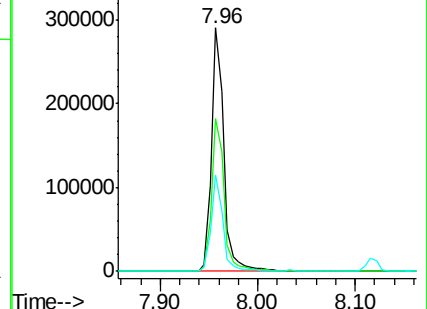
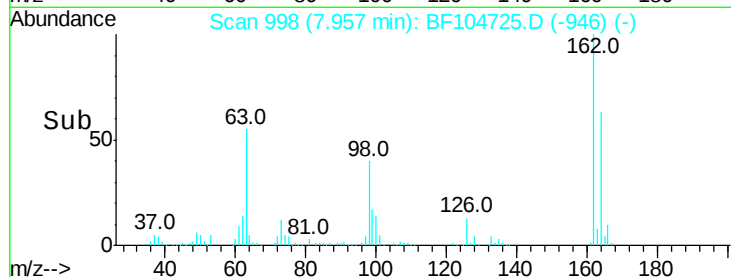
98 39.5 18.1 58.1



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: 37.861 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

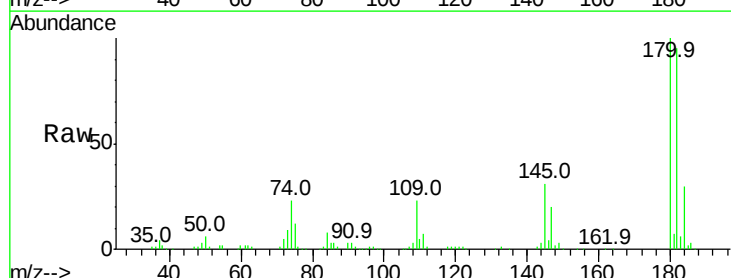
Tgt Ion:180 Resp: 294420

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

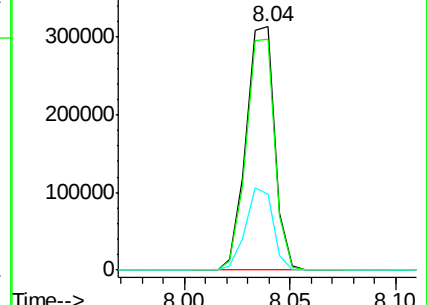
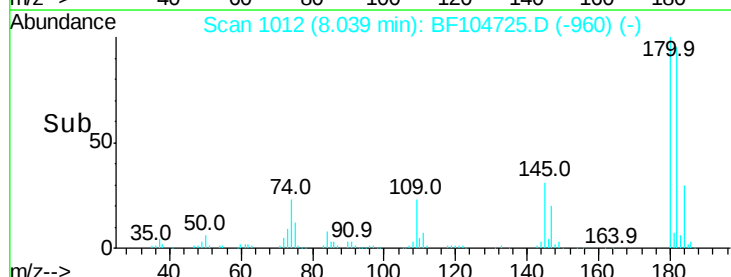
145 31.0 26.5 39.7

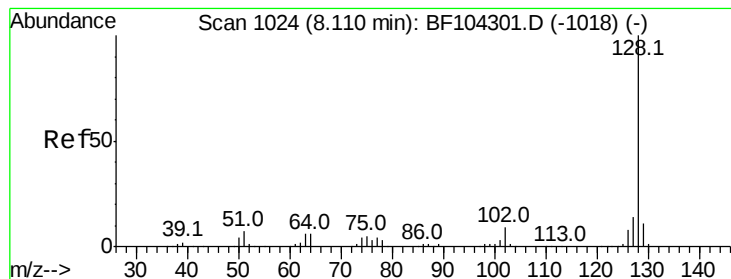


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.723 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampled :

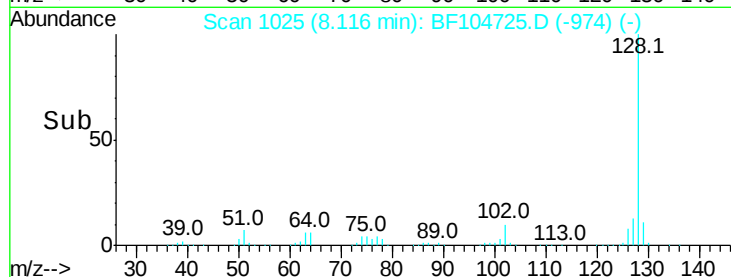
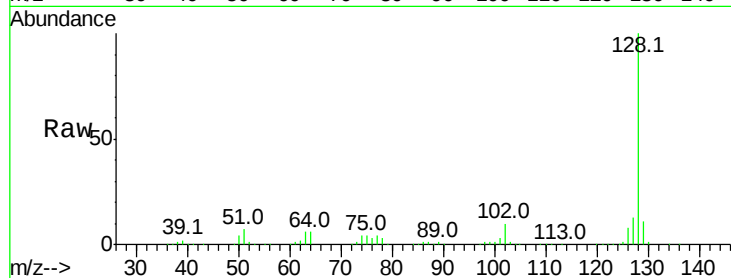
Tot Ion:128 Resp: 950151

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

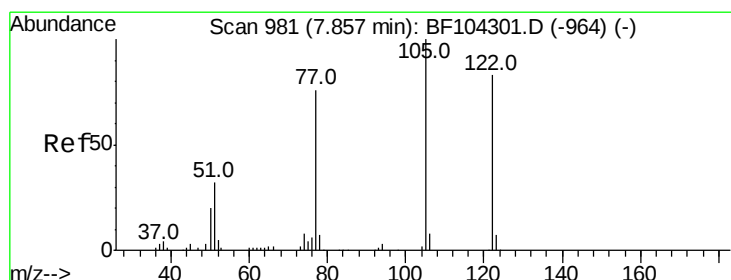
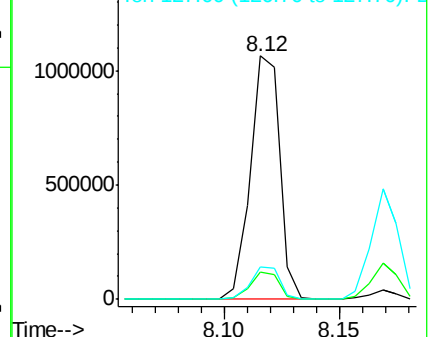
127 13.2 10.9 16.3



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: 8.156 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

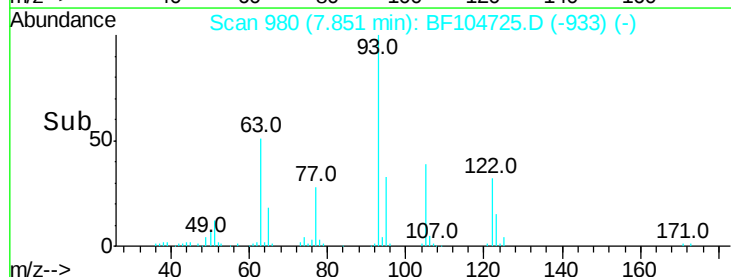
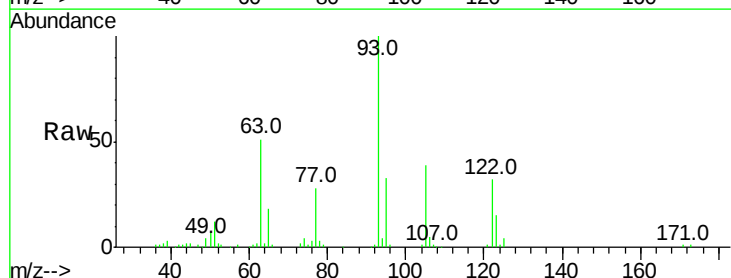
Tgt Ion:122 Resp: 48326

Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

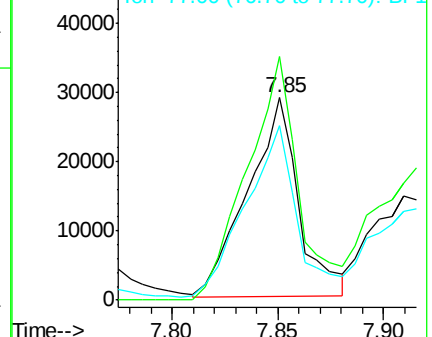
77 86.1 70.7 110.7

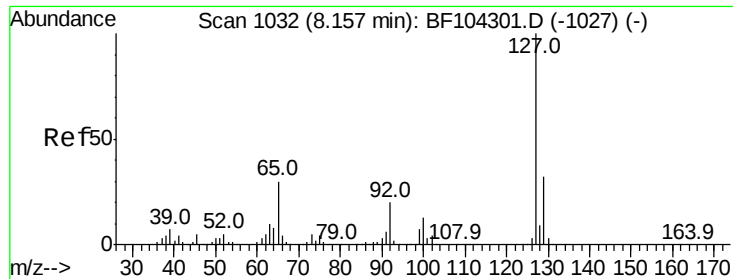


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

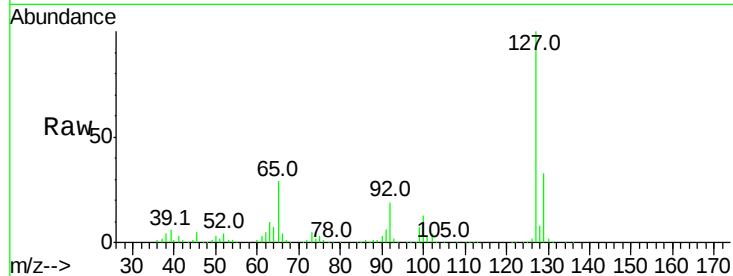




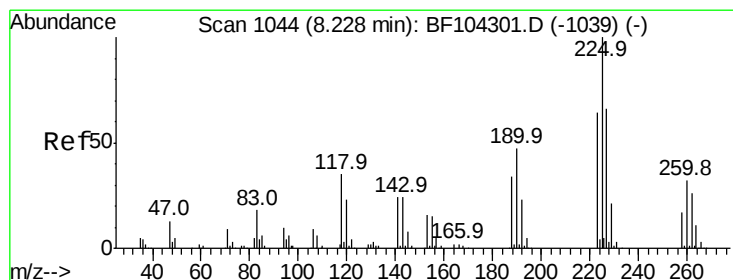
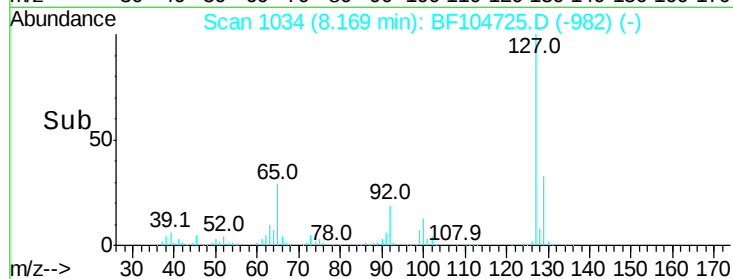
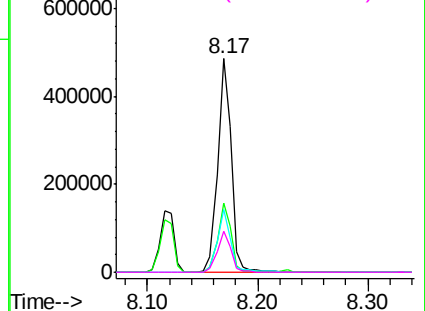
#33
4-Chloroaniline
Concen: 37.078 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	410999
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.1	25.0	37.4
92	19.5	15.2	22.8

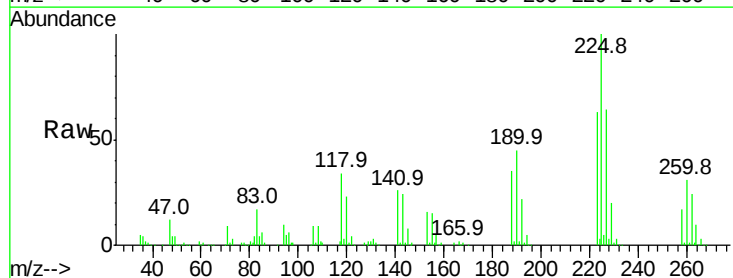


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

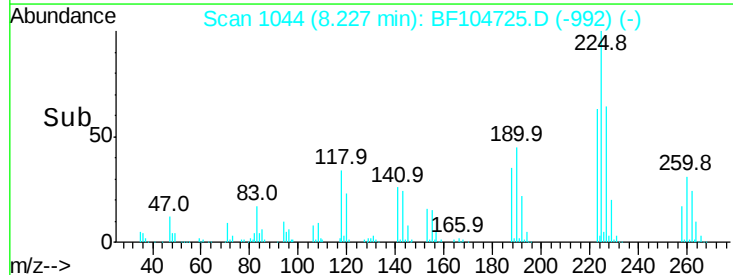
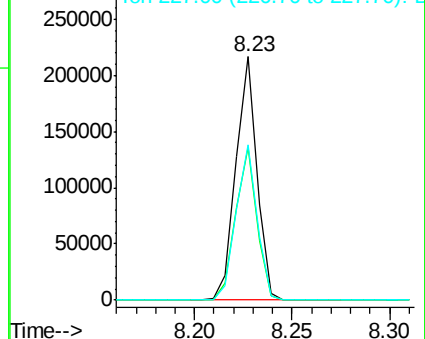


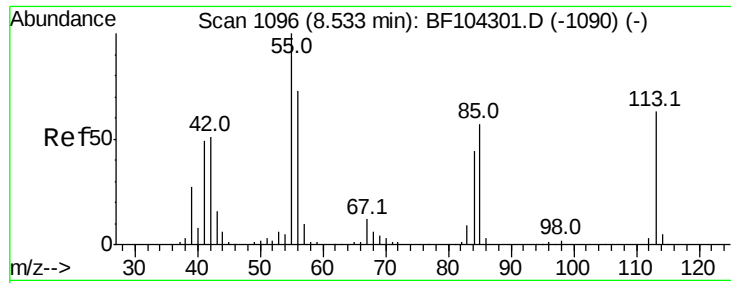
#34
Hexachlorobutadiene
Concen: 38.151 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion:	225	Resp:	162501
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.8	51.9	77.9



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

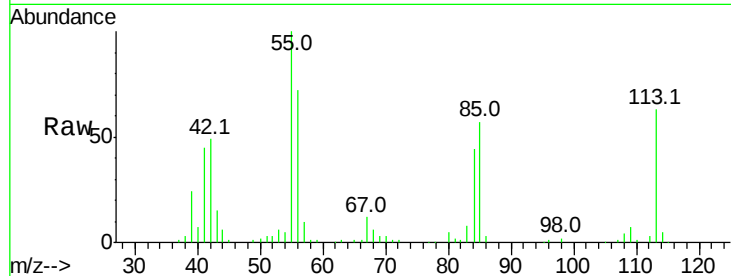




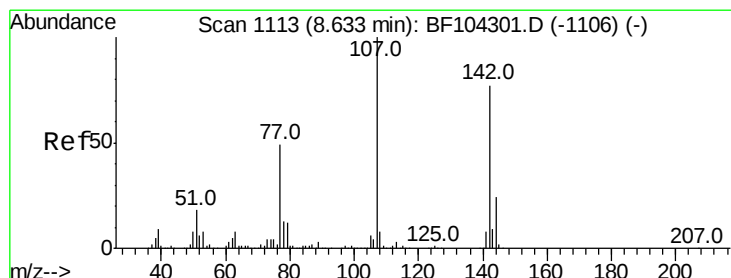
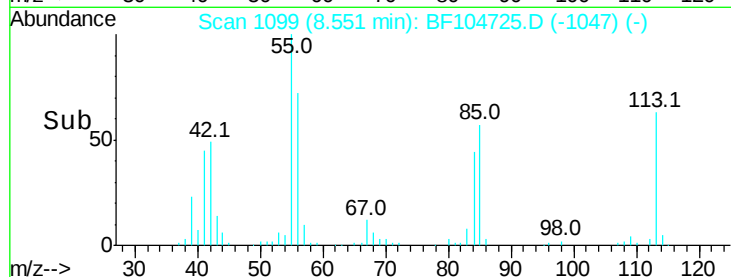
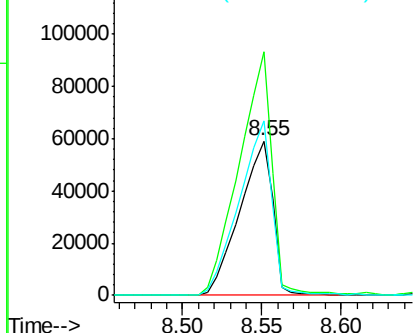
#35
 Caprolactam
 Concen: 34.634 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 85612
 Ion Ratio Lower Upper
 113 100
 55 157.8 163.3 203.3#
 56 113.4 115.7 155.7#

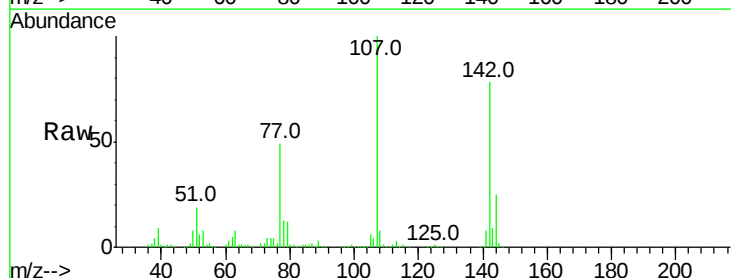


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

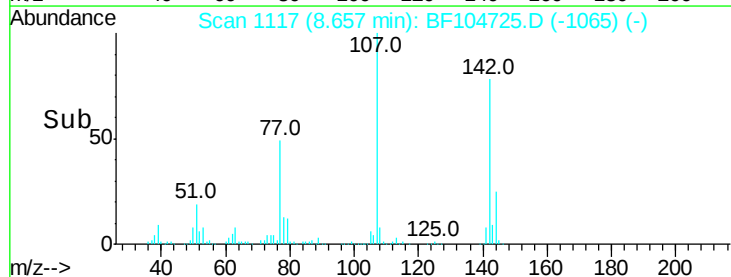
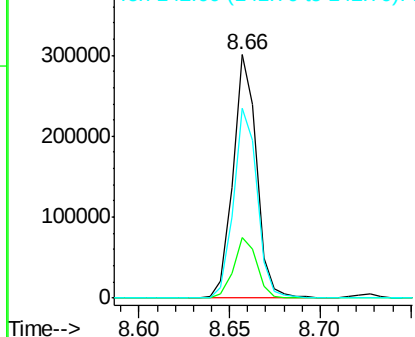


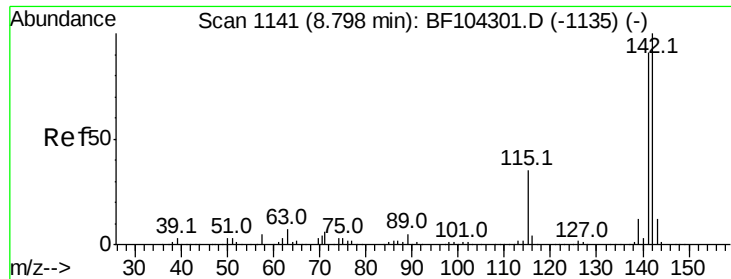
#36
 4-Chloro-3-methylphenol
 Concen: 35.621 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:107 Resp: 270642
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 77.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

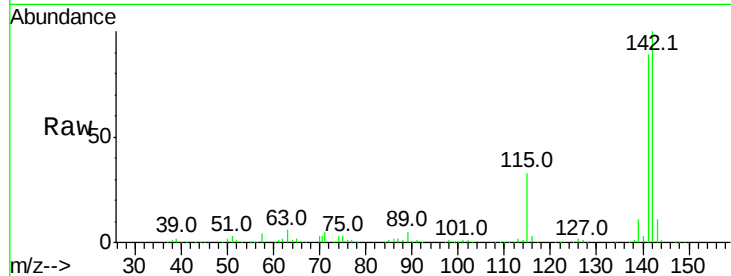




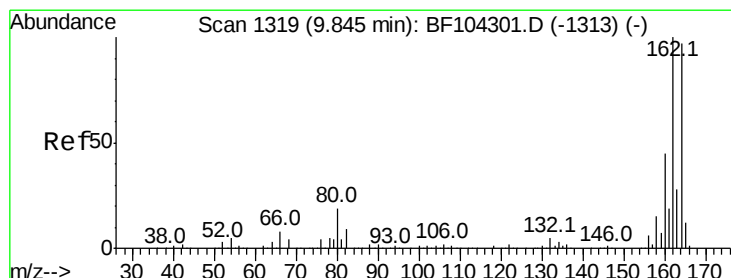
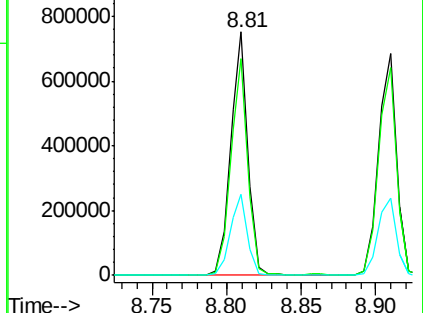
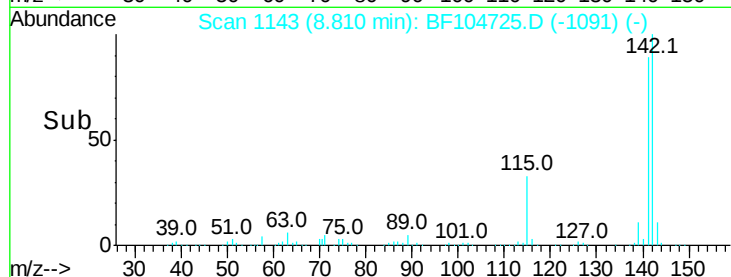
#37
 2-Methylnaphthalene
 Concen: 36.430 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 609704
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2
 115 33.1 26.1 39.1

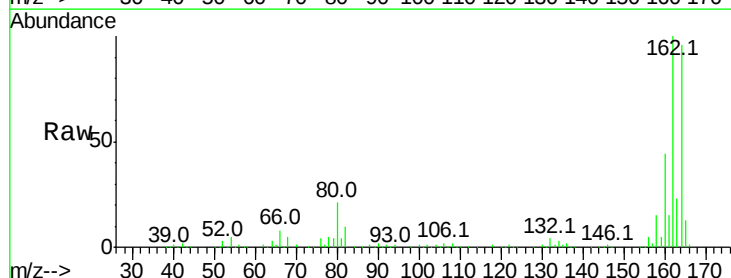


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

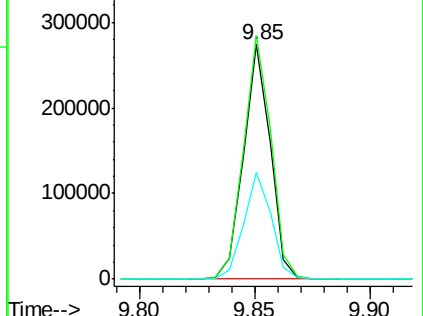
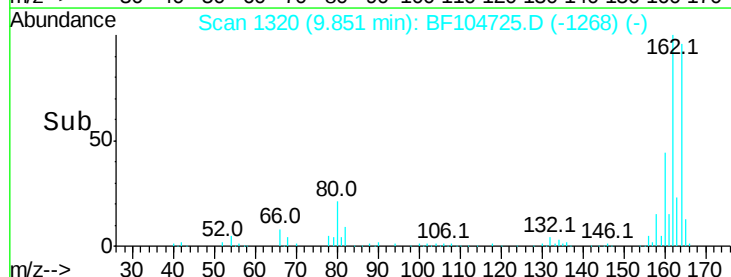


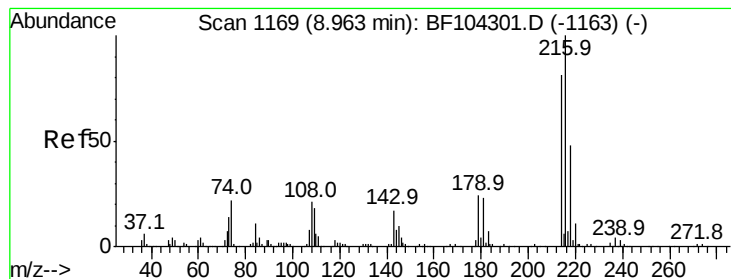
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:164 Resp: 221570
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 45.7 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.767 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 264914

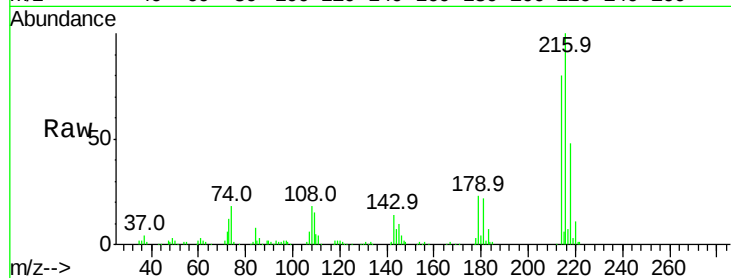
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.6 18.1 27.1

108 18.6 17.2 25.8

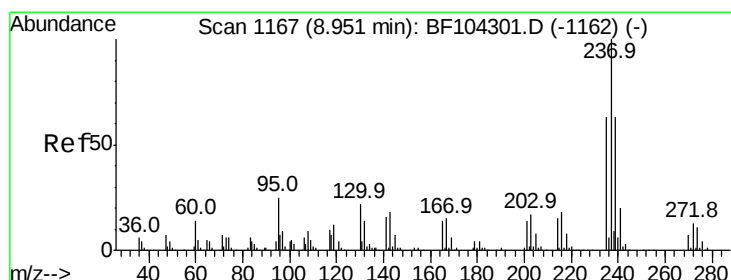
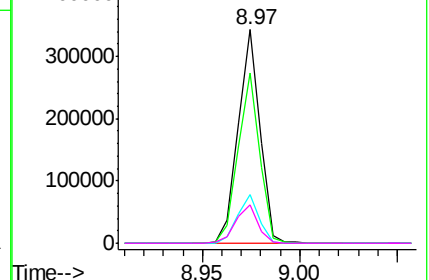
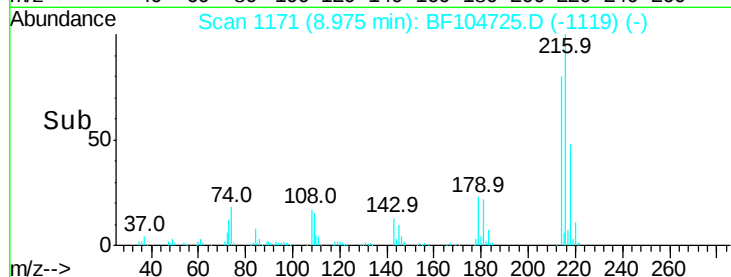


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.381 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

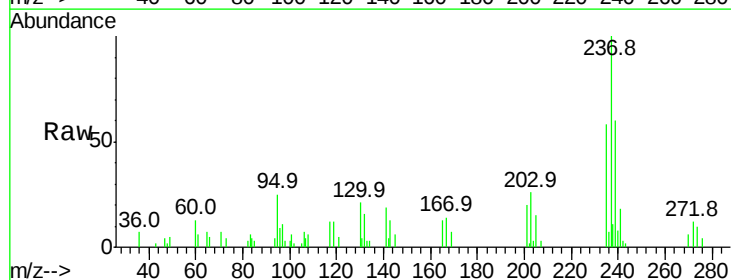
Tgt Ion:237 Resp: 12007

Ion Ratio Lower Upper

237 100

235 58.4 44.8 84.8

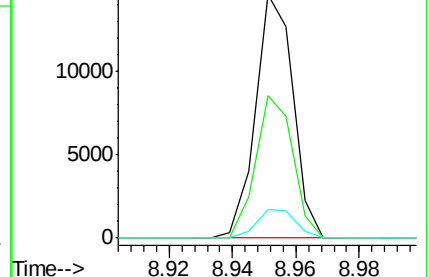
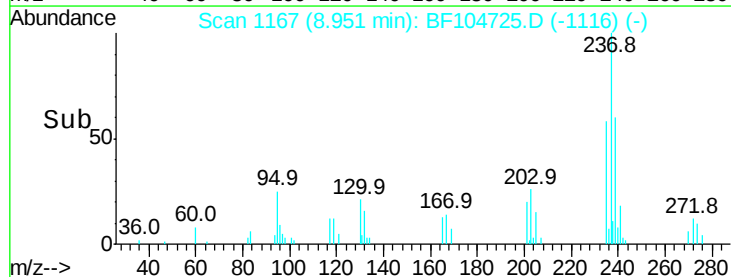
272 11.6 0.0 33.3

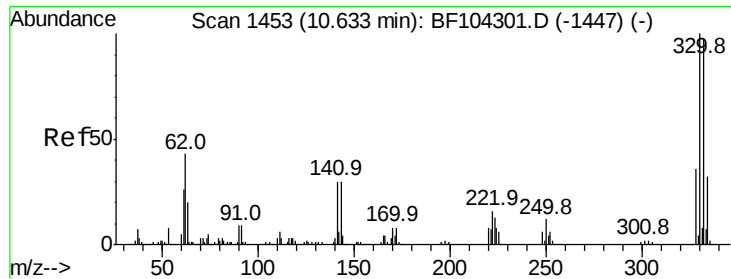


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

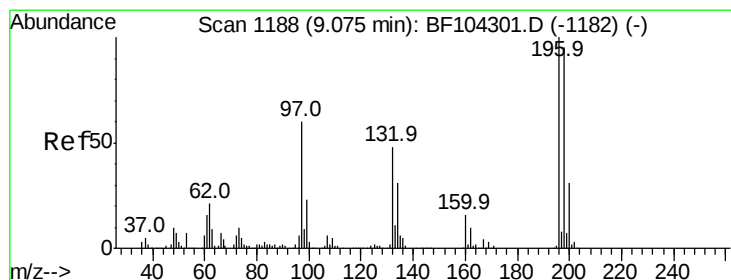
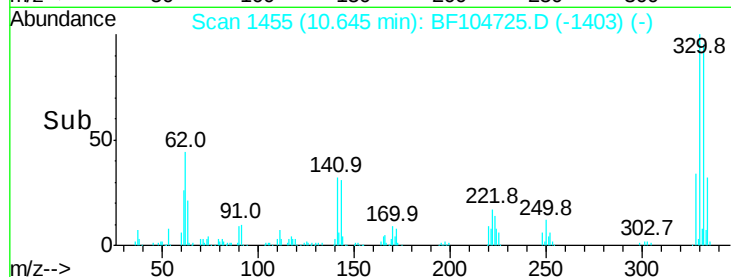
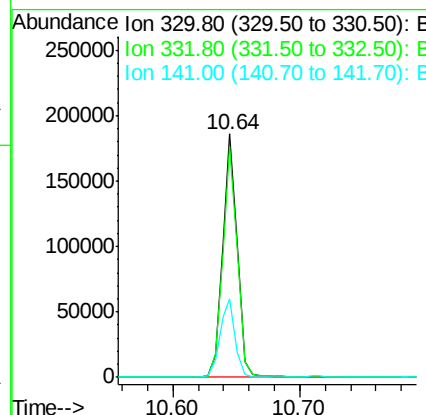
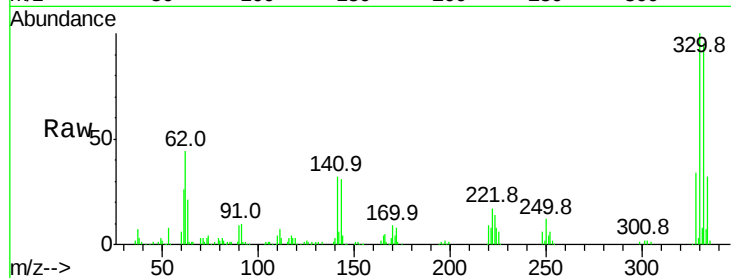




#41
 2,4,6-Tribromophenol
 Concen: 66.283 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

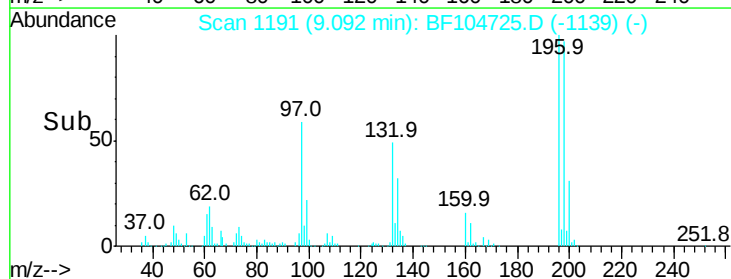
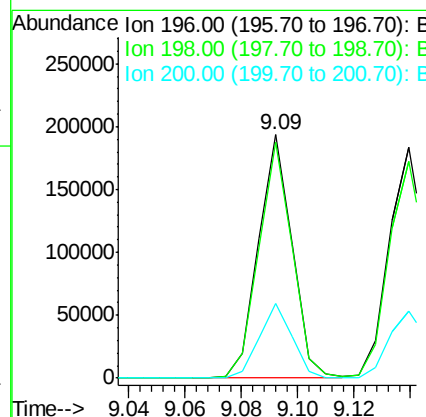
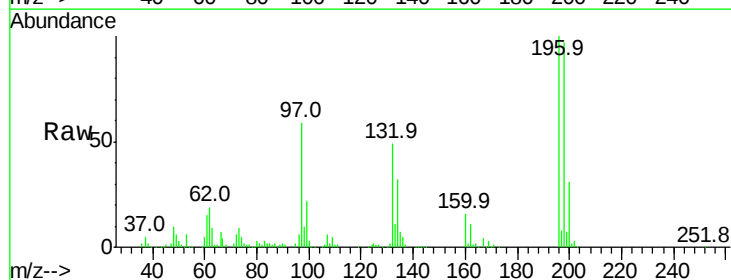
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	33.1	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.240 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	30.7	24.5	36.7

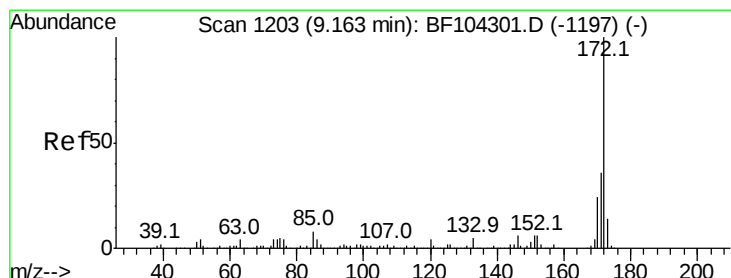
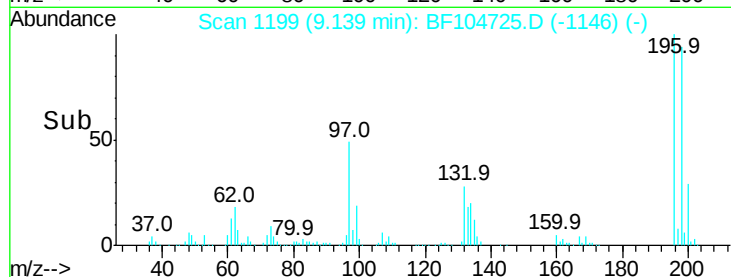
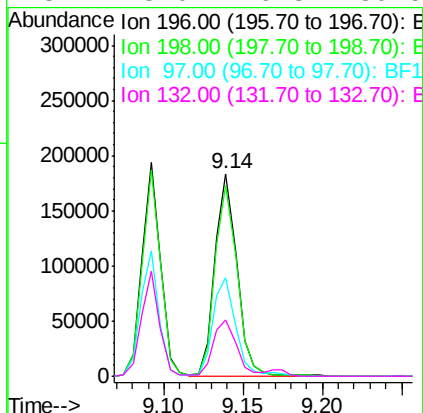
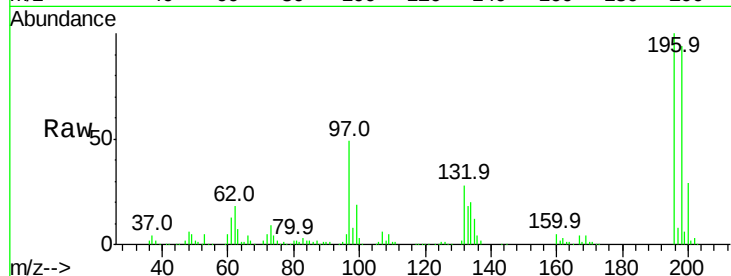




#43
 2,4,5-Trichlorophenol
 Concen: 36.240 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

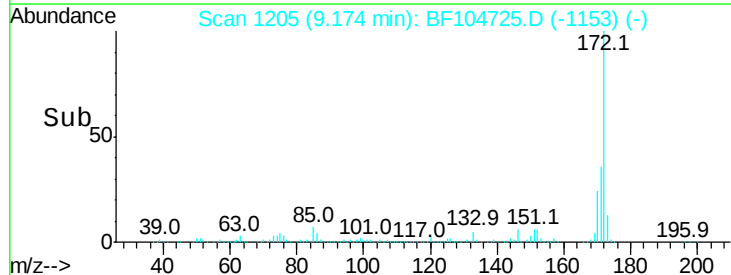
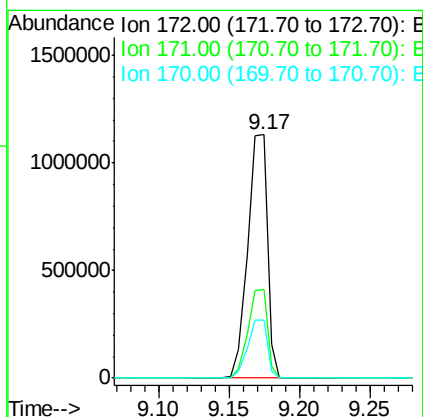
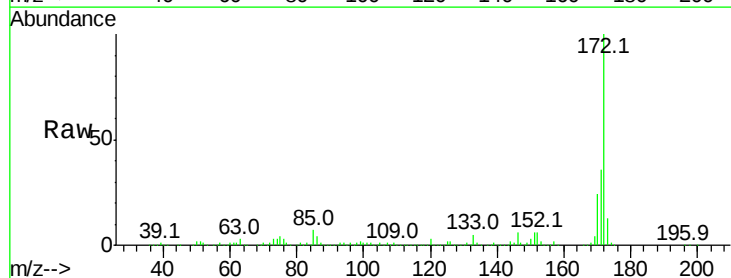
Instrument :
 BNA_F
 ClientSampleId :

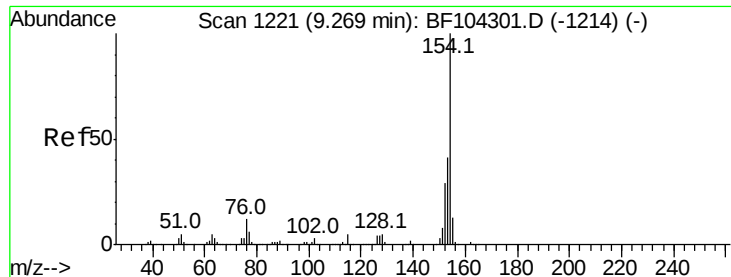
Tot Ion:	196	Resp:	178558
Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	48.7	42.9	64.3
132	28.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 79.009 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:	172	Resp:	1108152
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

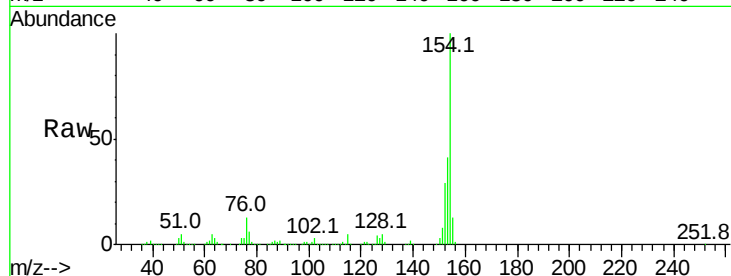




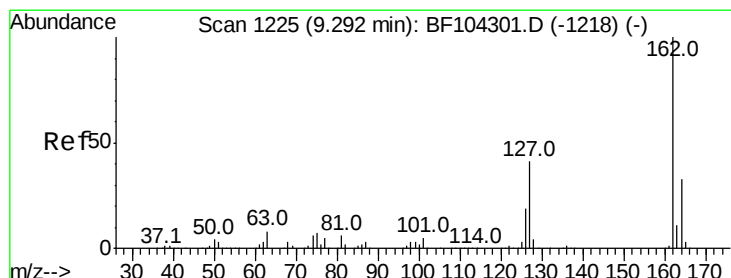
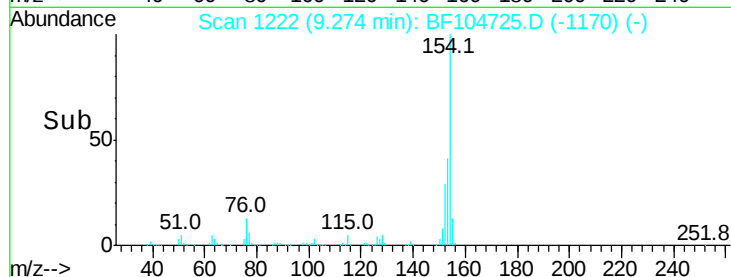
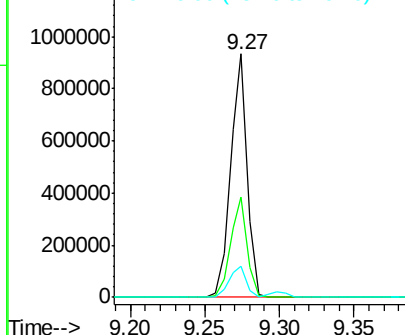
#45
 1,1'-Biphenyl
 Concen: 39.180 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 729270
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 12.8 0.0 34.0

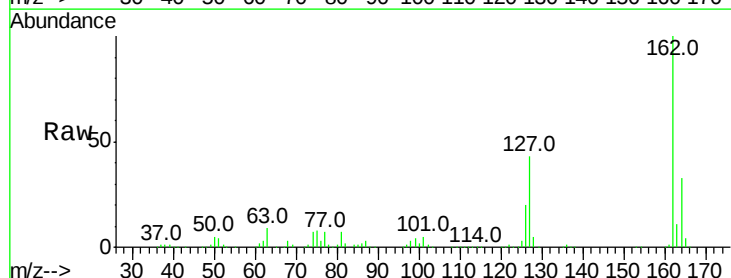


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

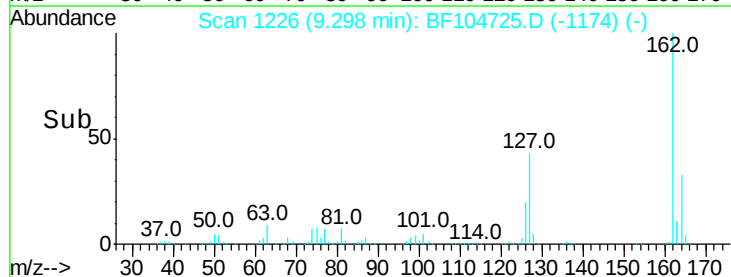
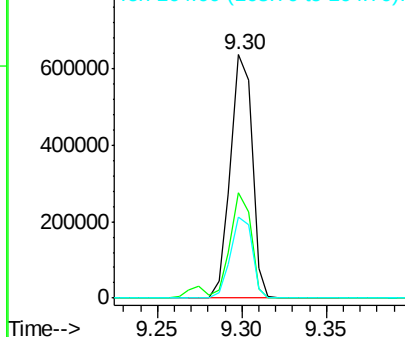


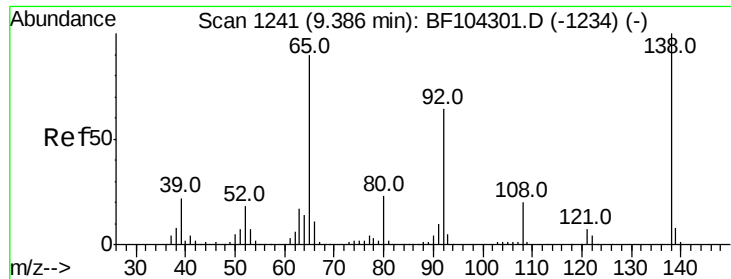
#46
 2-Chloronaphthalene
 Concen: 38.717 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:162 Resp: 569230
 Ion Ratio Lower Upper
 162 100
 127 43.4 33.9 50.9
 164 33.3 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

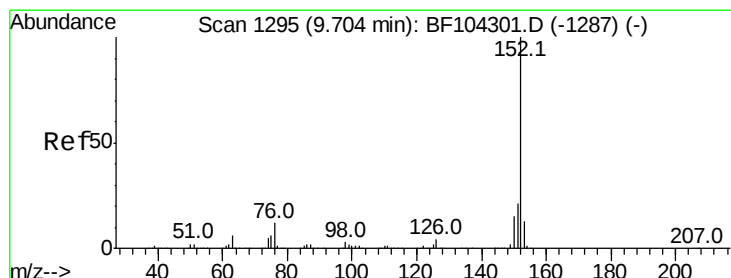
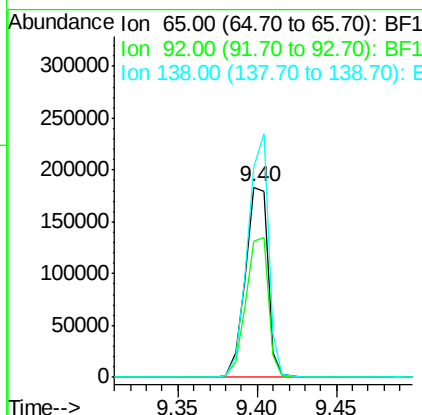
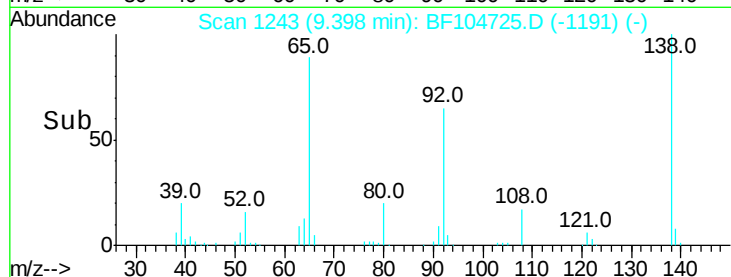
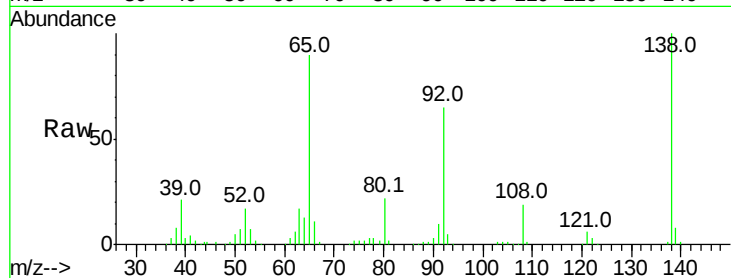




#47
 2-Nitroaniline
 Concen: 49.462 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

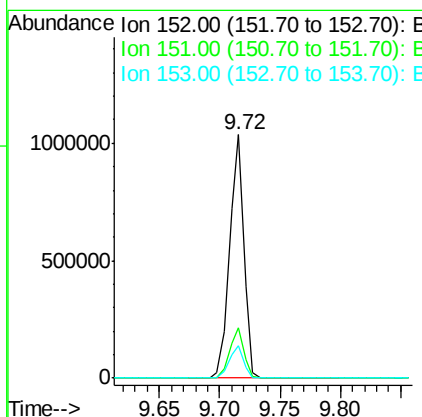
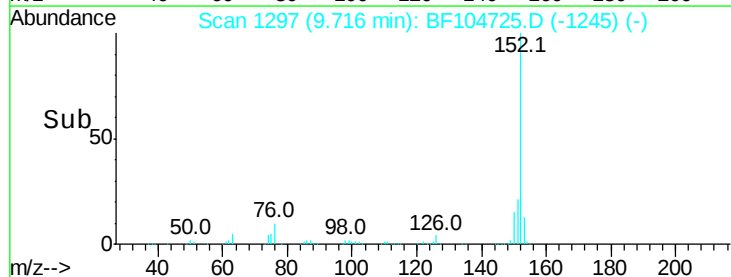
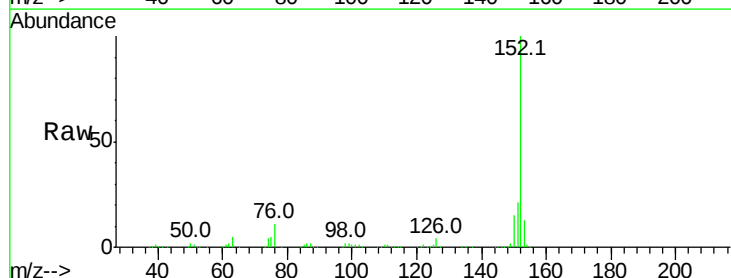
Instrument :
 BNA_F
 ClientSampleId :

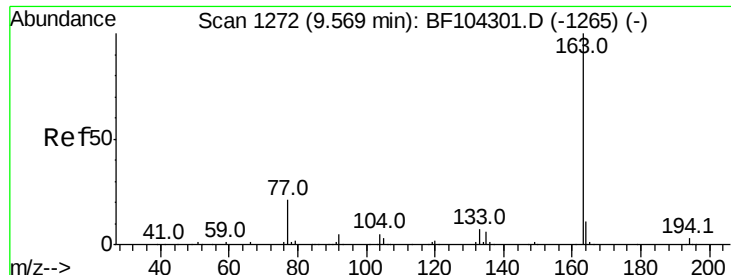
Tot Ion: 65 Resp: 179838
 Ion Ratio Lower Upper
 65 100
 92 71.7 55.8 83.6
 138 111.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.779 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:152 Resp: 848396
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.2 10.7 16.1

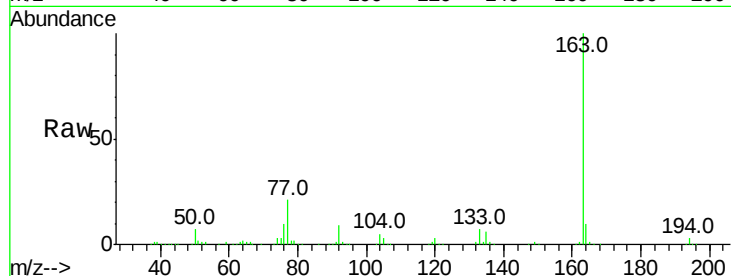




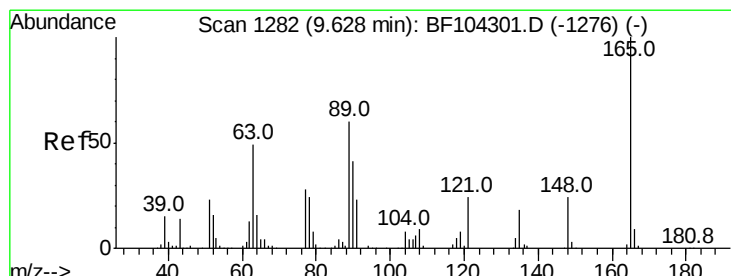
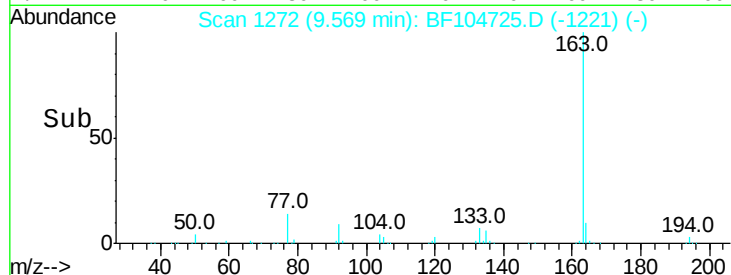
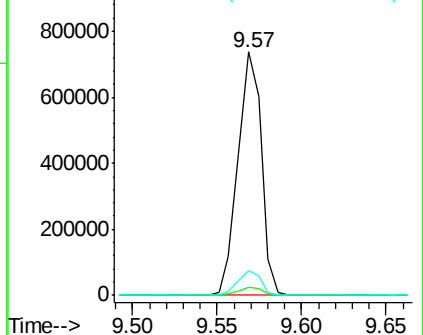
#49
Dimethylphthalate
Concen: 40.800 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.4	8.2	12.2

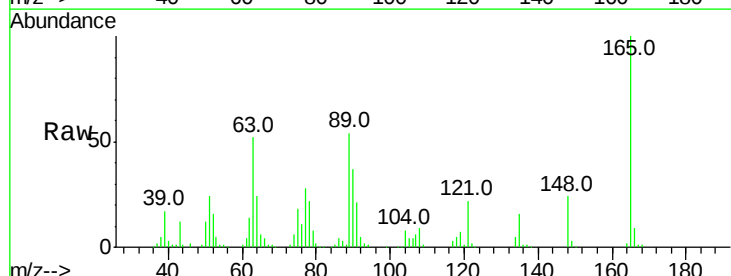


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

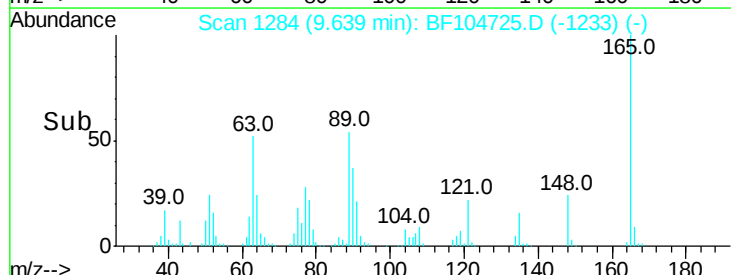
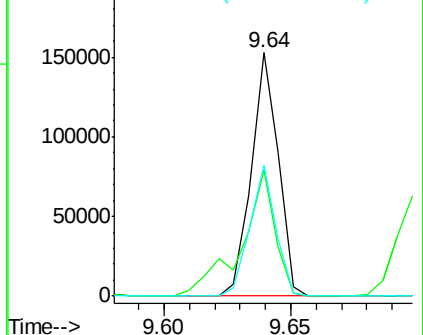


#50
2,6-Dinitrotoluene
Concen: 34.895 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.9	44.7	67.1
89	53.6	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: 34.982 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampled :

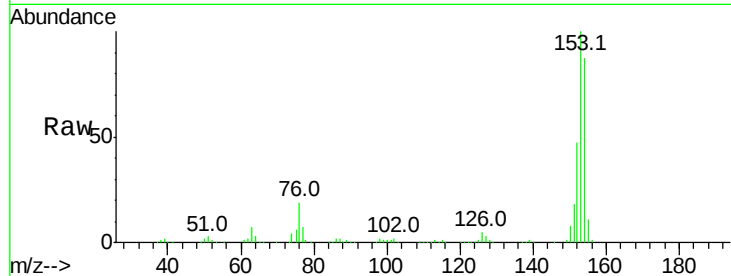
Tot Ion:154 Resp: 492342

Ion Ratio Lower Upper

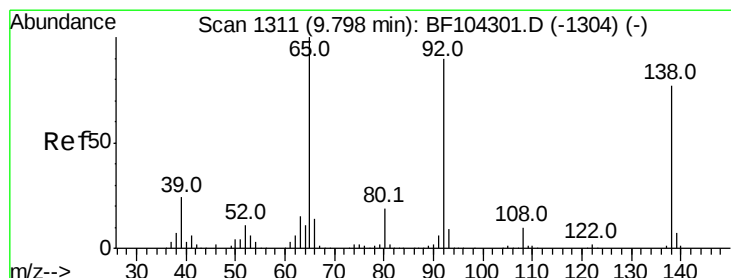
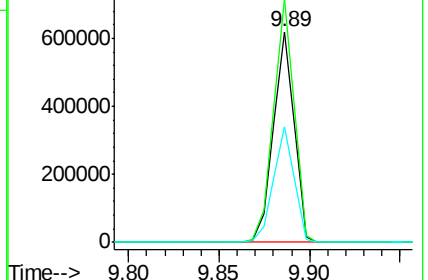
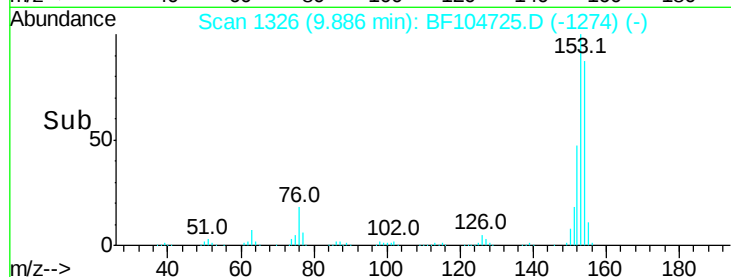
154 100

153 115.4 91.2 136.8

152 54.7 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: 47.470 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

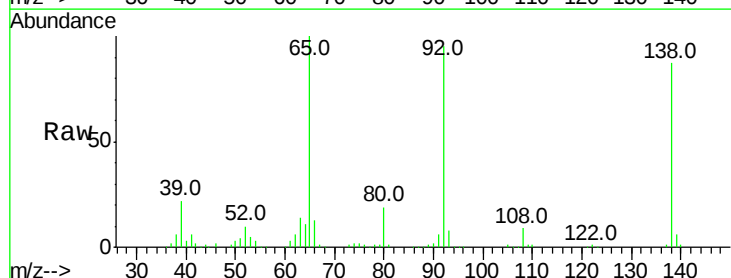
Tgt Ion:138 Resp: 179672

Ion Ratio Lower Upper

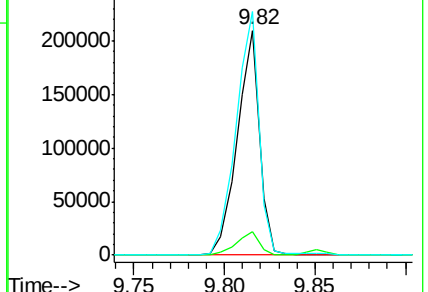
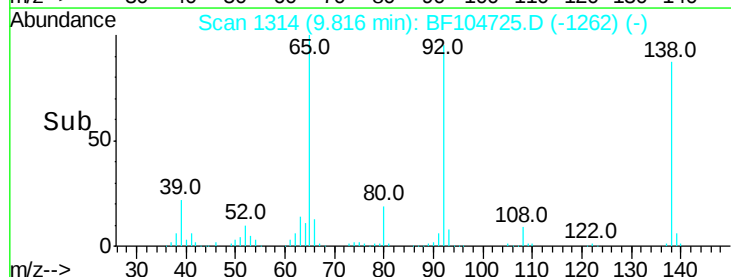
138 100

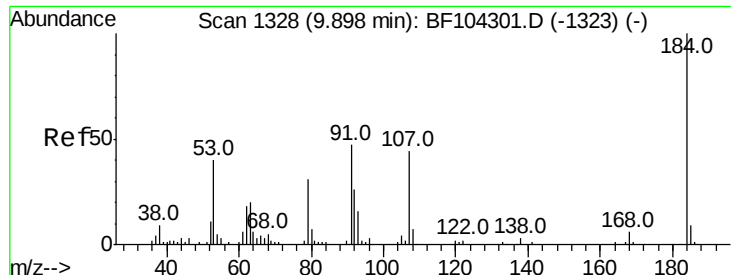
108 10.3 9.4 14.0

92 108.2 89.4 134.2



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

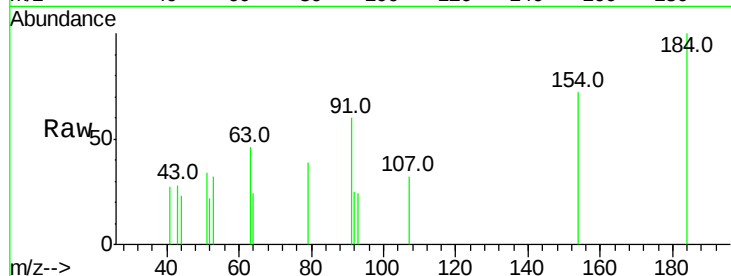




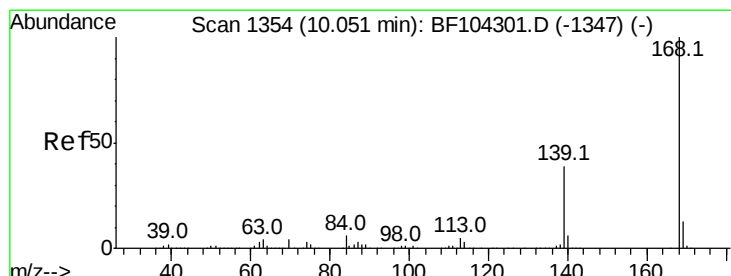
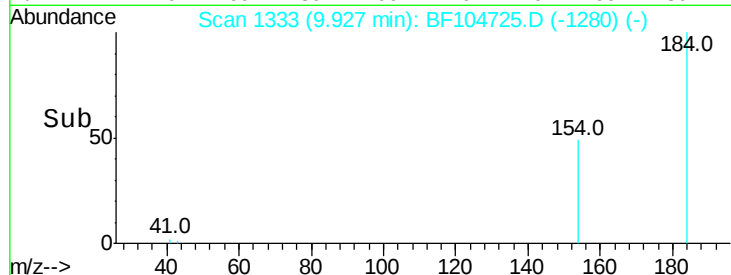
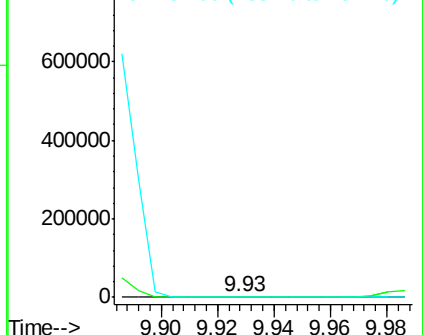
#53
 2,4-Dinitrophenol
 Concen: 6.686 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 1385
 Ion Ratio Lower Upper
 184 100
 63 46.4 54.2 81.2#
 154 72.3 184.0 276.0#

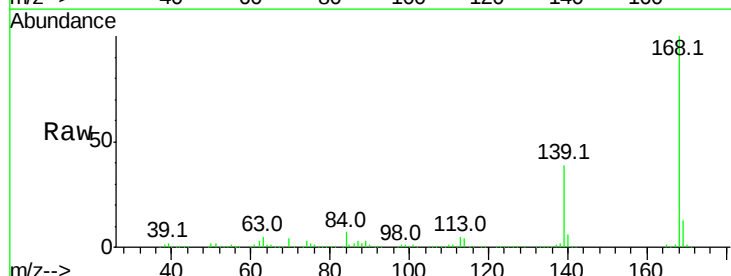


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

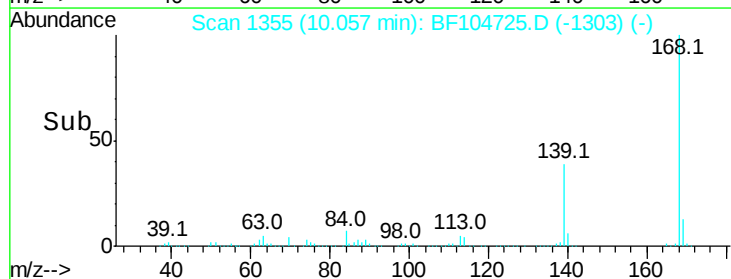
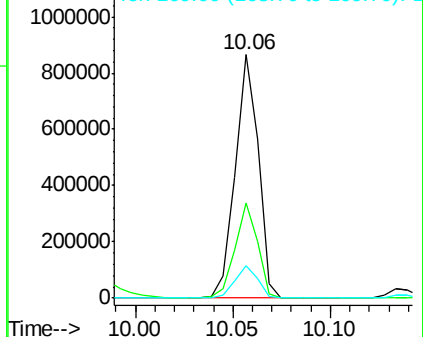


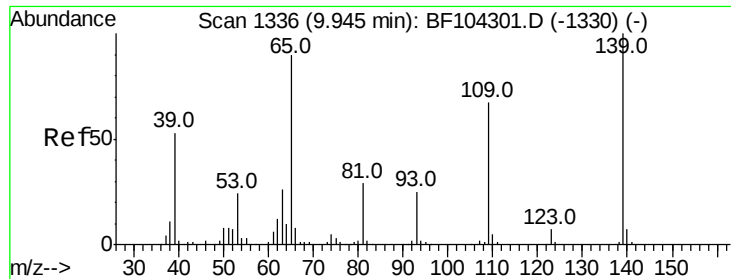
#54
 Dibenzofuran
 Concen: 35.955 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:168 Resp: 705213
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.3 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

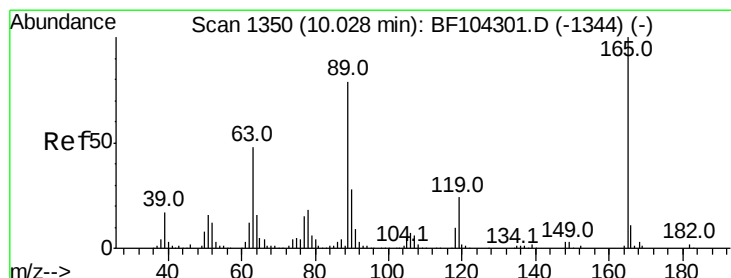
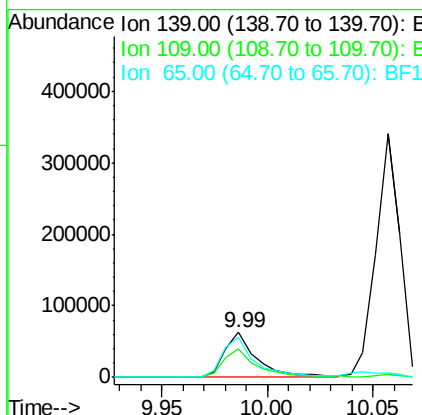
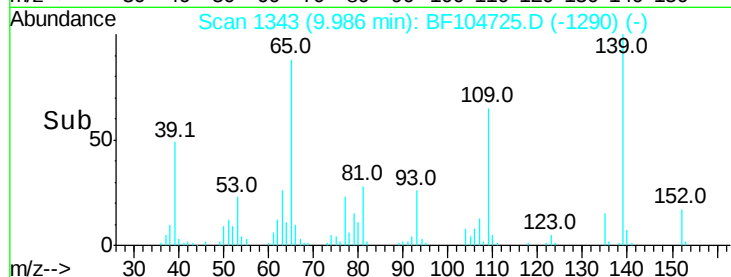
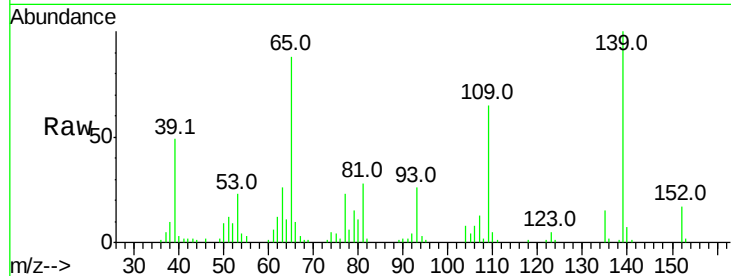




#55
4-Nitrophenol
Concen: 22.466 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

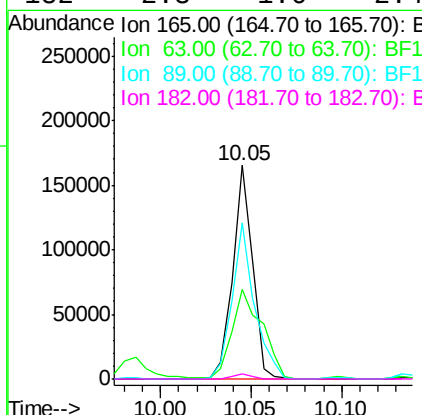
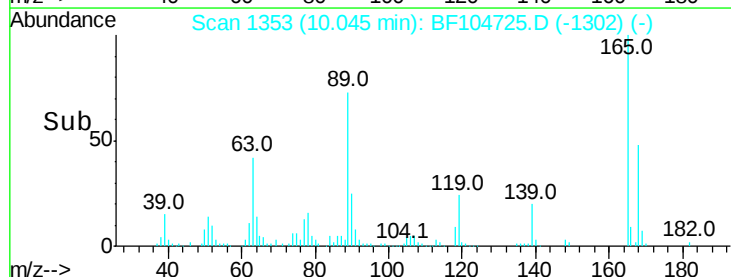
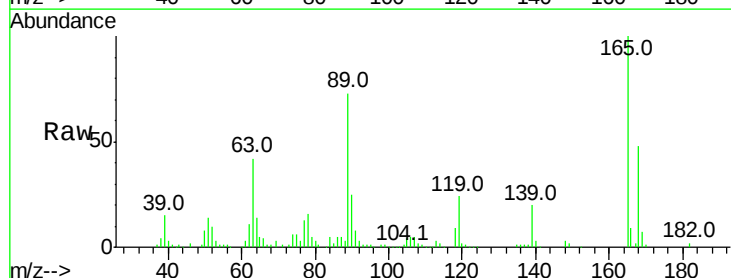
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 66797
Ion Ratio Lower Upper
139 100
109 64.9 48.4 88.4
65 88.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 29.772 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion:165 Resp: 126261
Ion Ratio Lower Upper
165 100
63 42.1 36.4 54.6
89 73.2 57.8 86.6
182 2.3 1.6 2.4

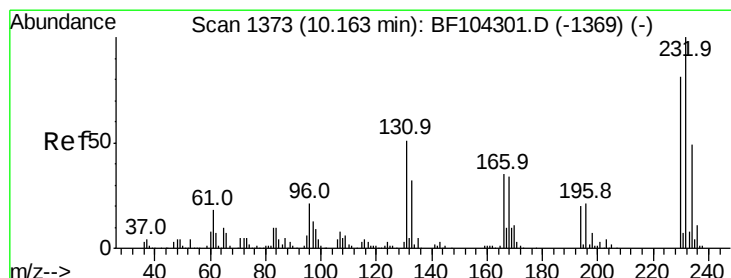
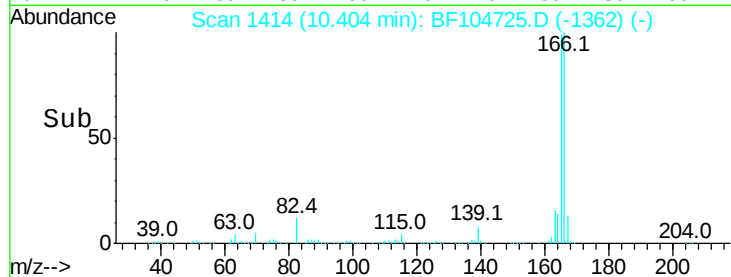
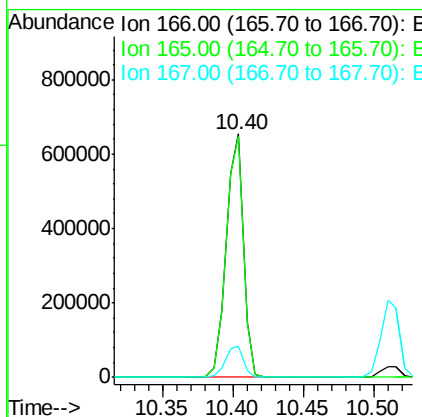
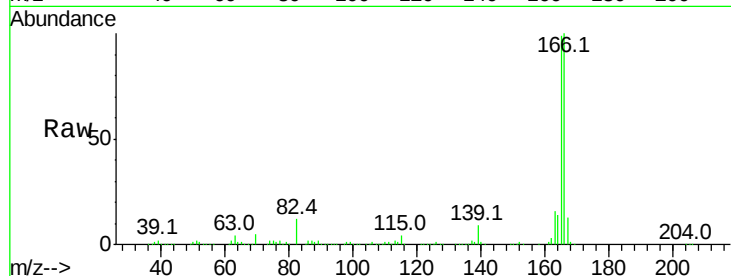




#57
 Fluorene
 Concen: 38.771 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

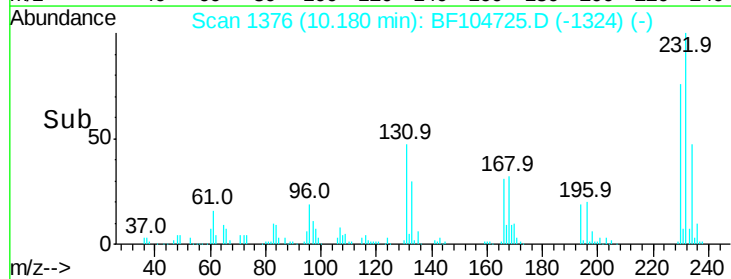
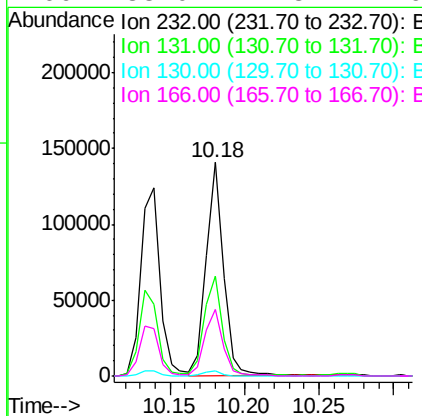
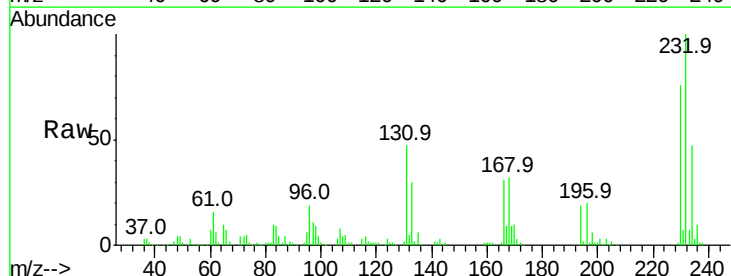
Instrument :
 BNA_F
 ClientSampleId :

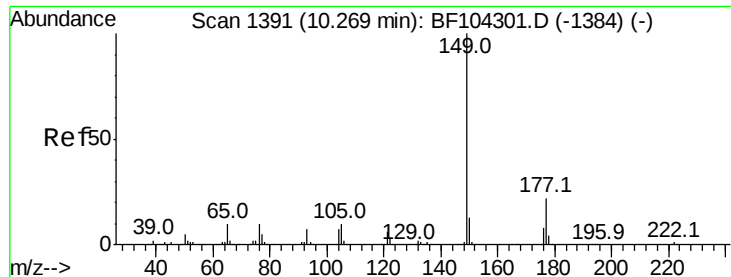
Tot Ion:166 Resp: 553507
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.727 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:232 Resp: 112946
 Ion Ratio Lower Upper
 232 100
 131 49.3 43.8 65.8
 130 2.4 2.1 3.1
 166 33.0 27.8 41.6

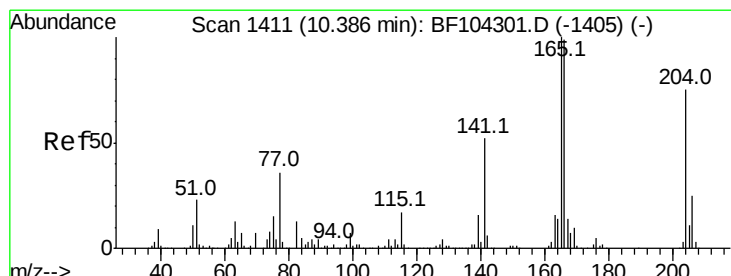
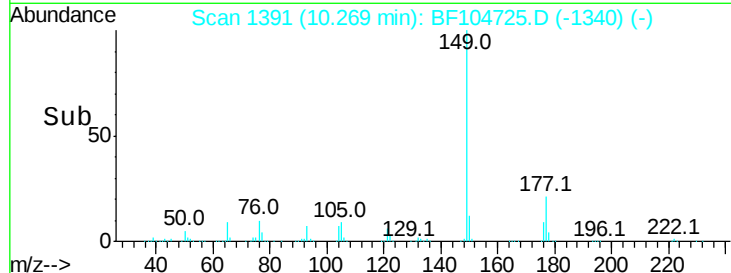
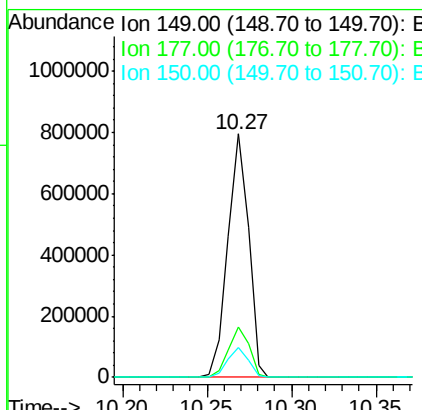
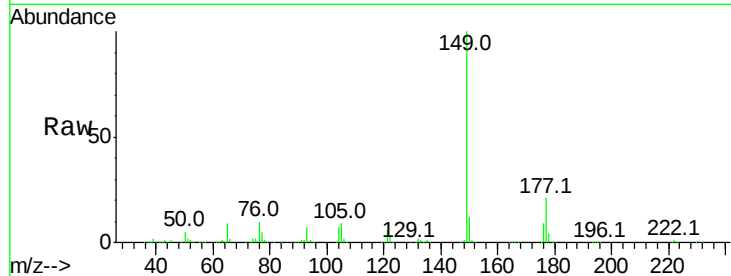




#59
Diethylphthalate
Concen: 39.111 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

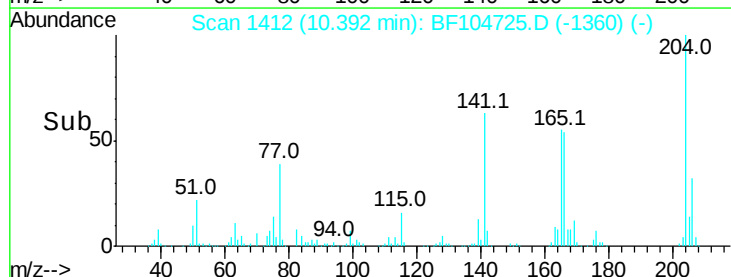
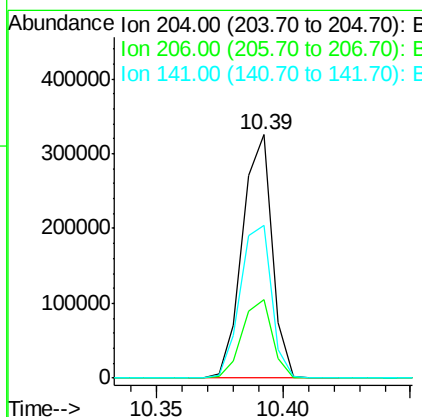
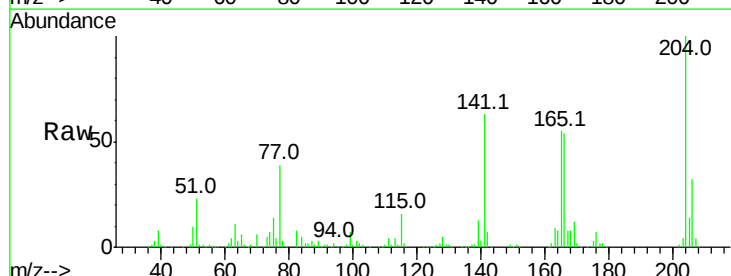
Instrument :
BNA_F
ClientSampled :

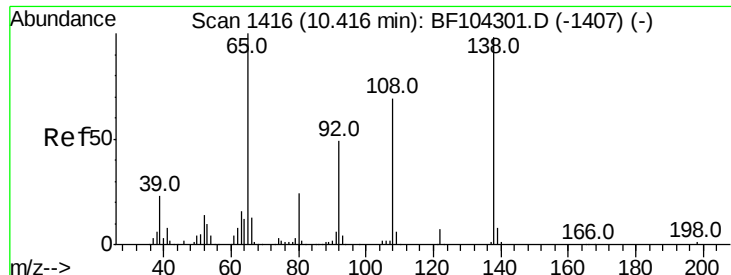
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.4	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.599 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	62.5	54.6	81.8

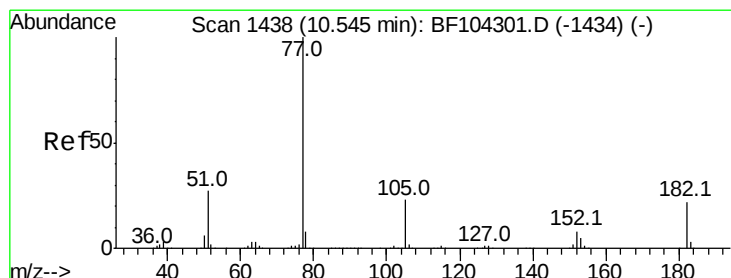
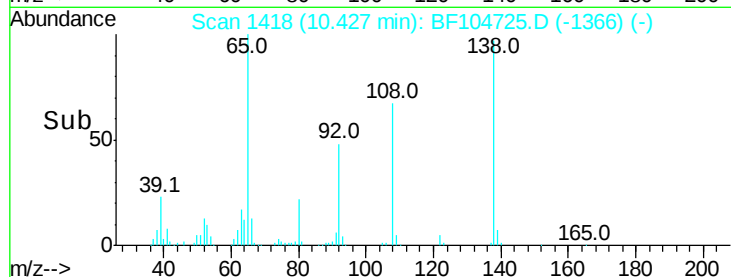
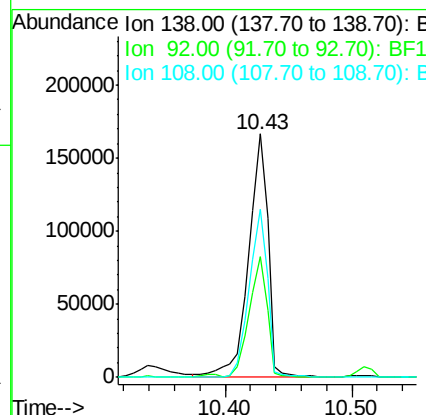
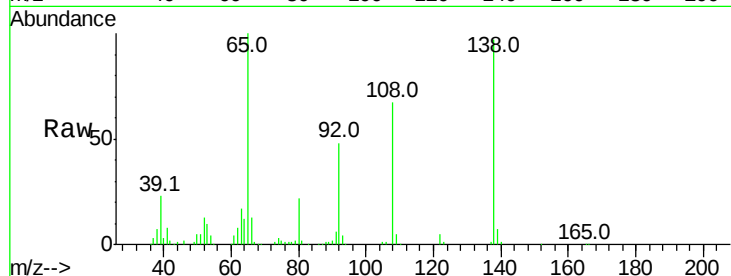




#61
4-Nitroaniline
Concen: 47.641 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

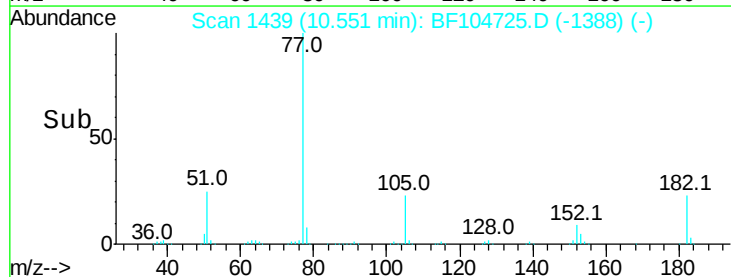
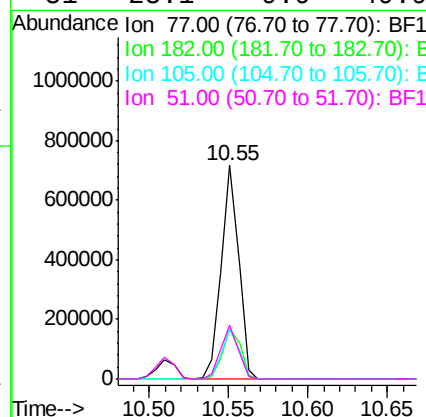
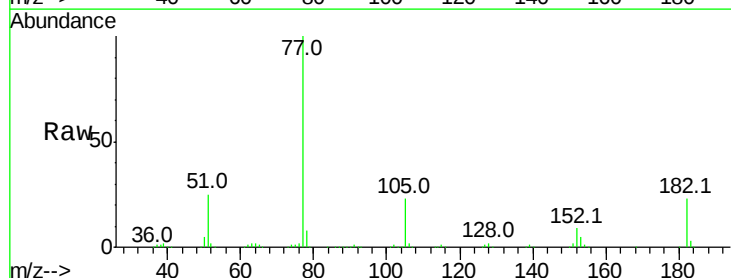
Instrument :
BNA_F
ClientSampled :

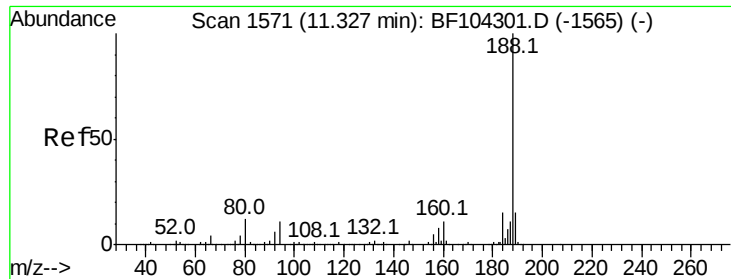
Tot Ion:138 Resp: 176314
Ion Ratio Lower Upper
138 100
92 49.8 30.2 70.2
108 69.1 52.5 92.5



#62
Azobenzene
Concen: 32.895 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion: 77 Resp: 546888
Ion Ratio Lower Upper
77 100
182 23.1 1.7 41.7
105 23.2 3.0 43.0
51 25.1 9.9 49.9

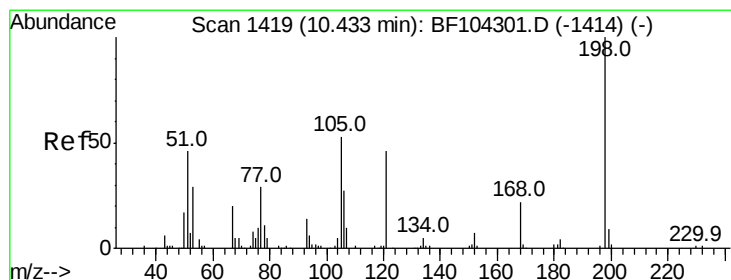
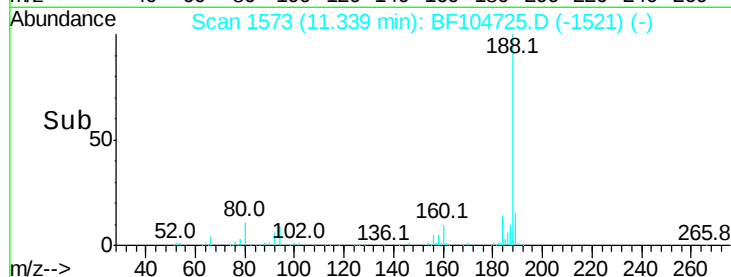
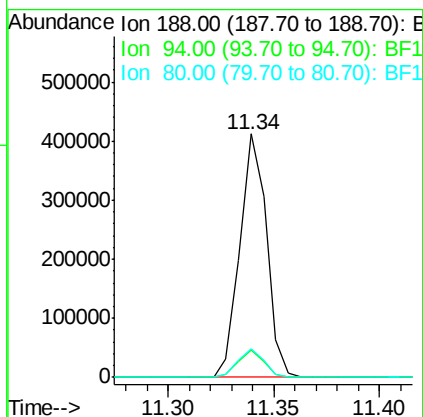
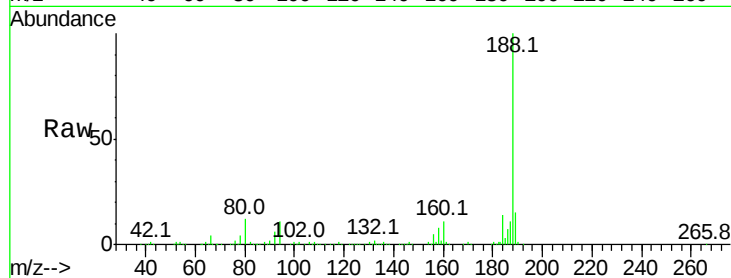




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

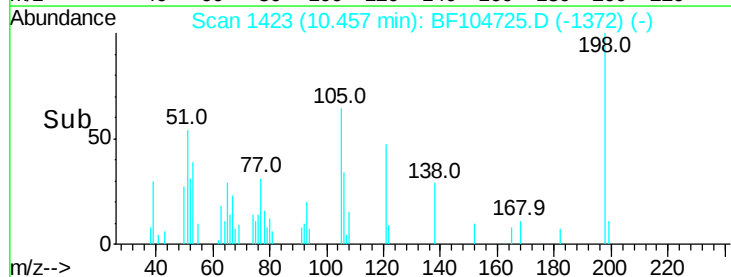
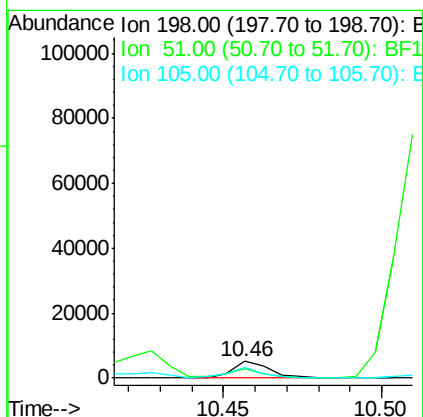
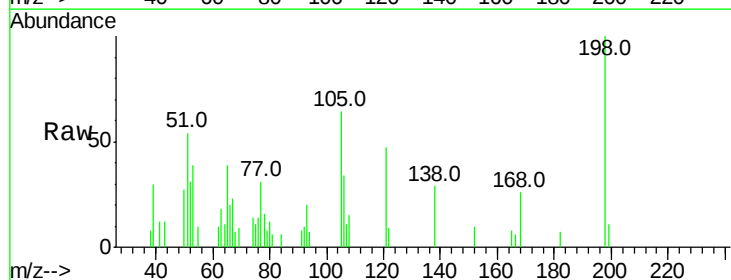
Instrument :
BNA_F
ClientSampled :

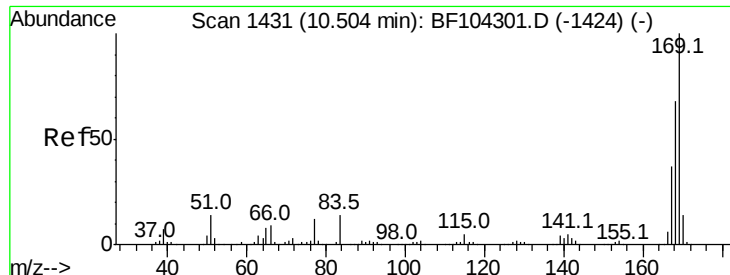
Tot Ion:188 Resp: 361694
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.297 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion:198 Resp: 4055
Ion Ratio Lower Upper
198 100
51 53.7 37.7 77.7
105 63.6 36.3 76.3

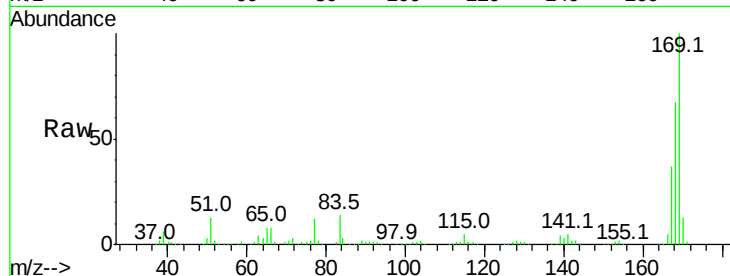




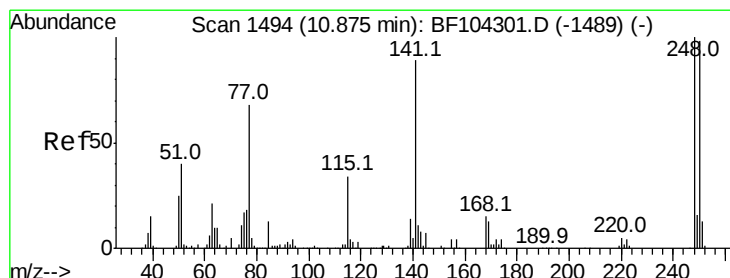
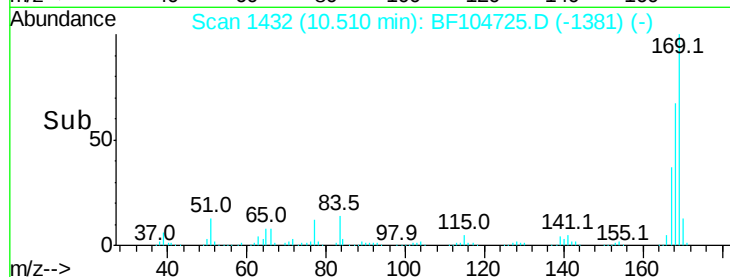
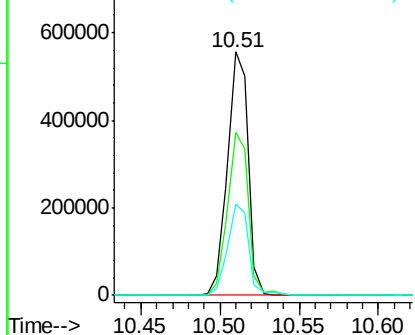
#65
 n-Nitrosodiphenylamine
 Concen: 39.965 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 501191
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.4 81.6
 167 37.4 29.8 44.6

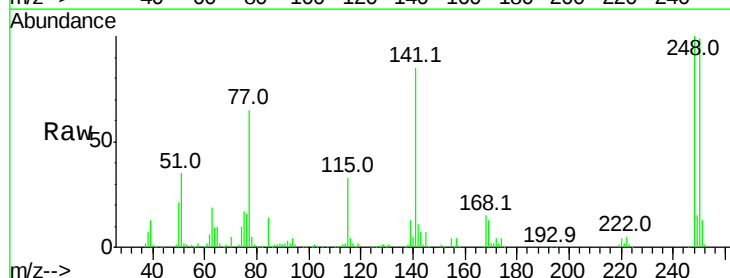


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

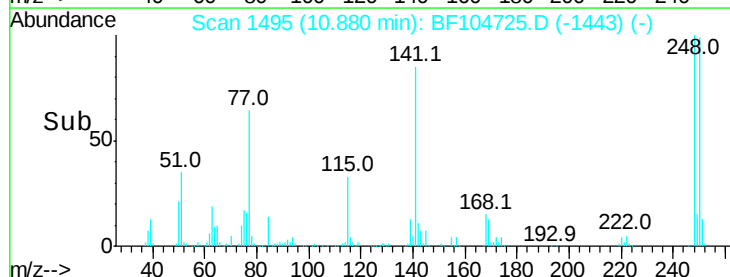
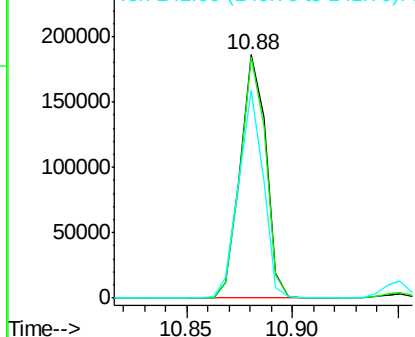


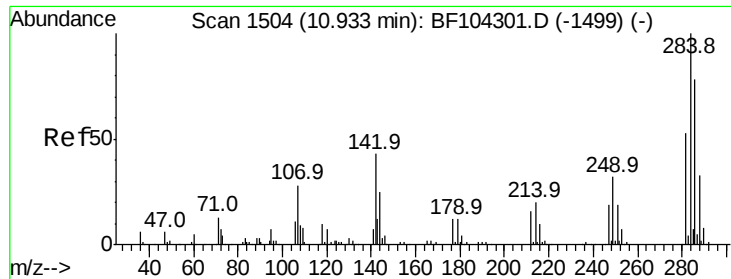
#66
 4-Bromophenyl-phenylether
 Concen: 40.872 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:248 Resp: 157246
 Ion Ratio Lower Upper
 248 100
 250 99.1 76.9 115.3
 141 85.4 74.4 111.6



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

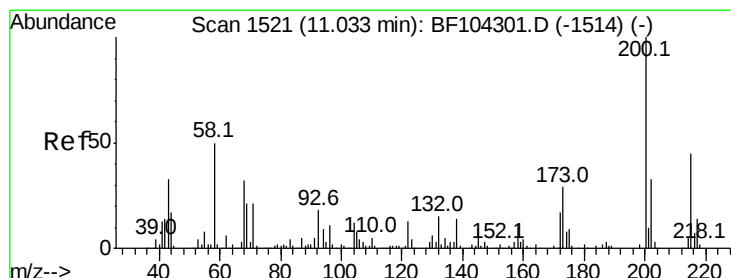
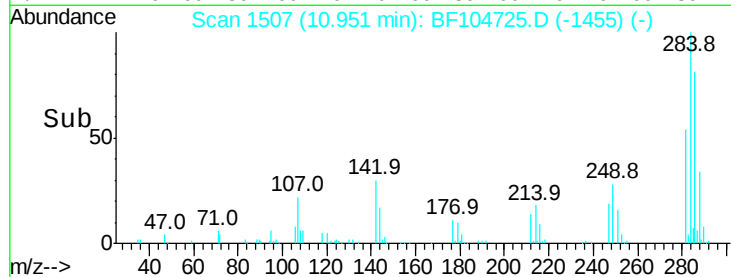
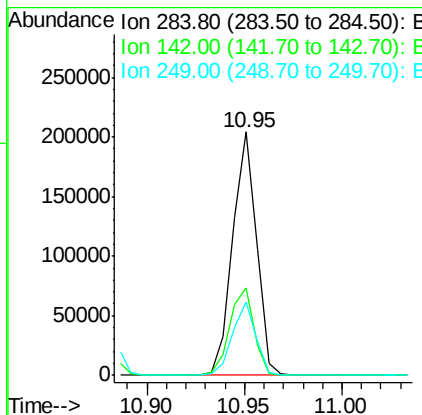
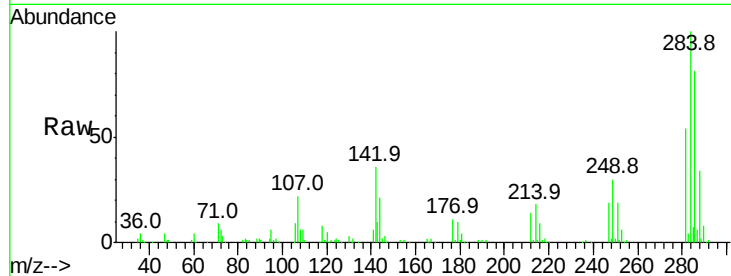




#67
Hexachlorobenzene
Concen: 39.838 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

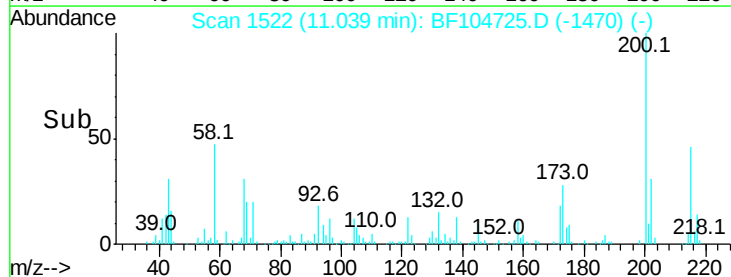
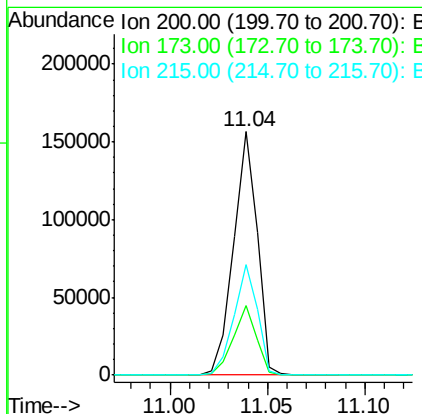
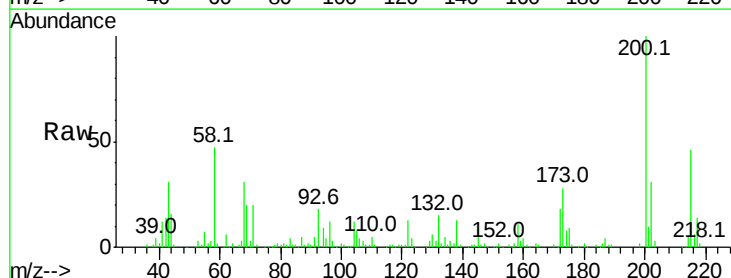
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.8	34.6	52.0
249	30.1	24.8	37.2



#68
Atrazine
Concen: 34.934 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.6	48.6
215	45.6	25.1	65.1

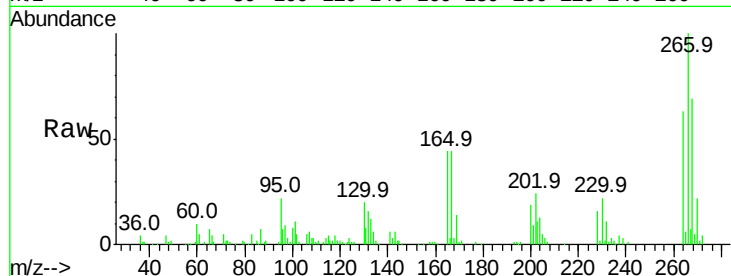




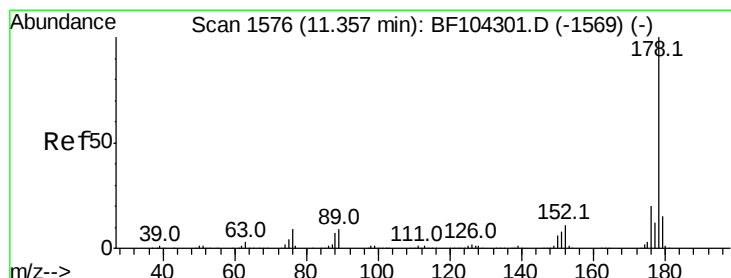
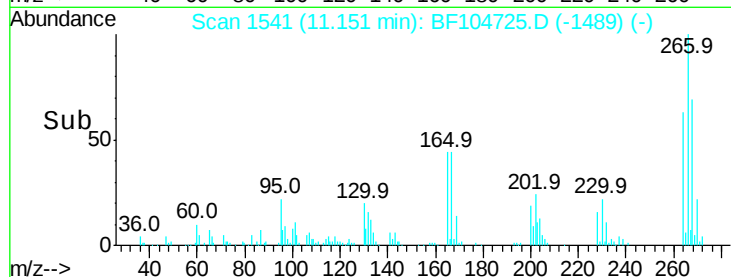
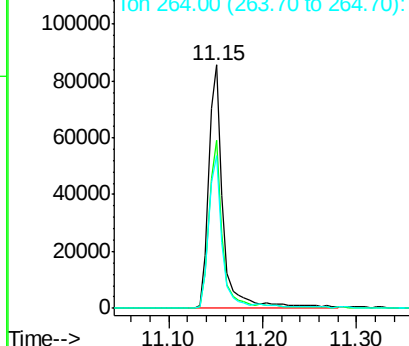
#69
 Pentachlorophenol
 Concen: 34.605 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 92678
 Ion Ratio Lower Upper
 266 100
 268 69.2 51.1 76.7
 264 63.0 49.5 74.3

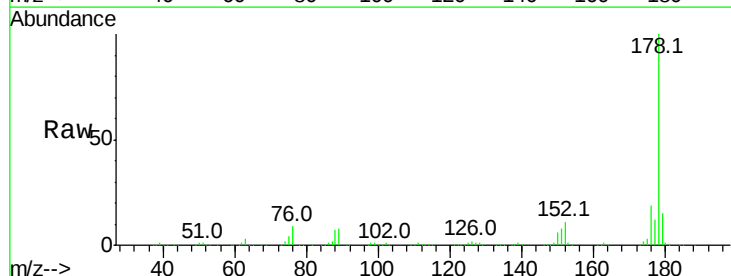


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

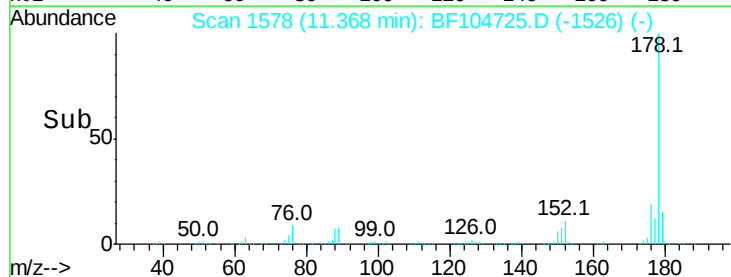
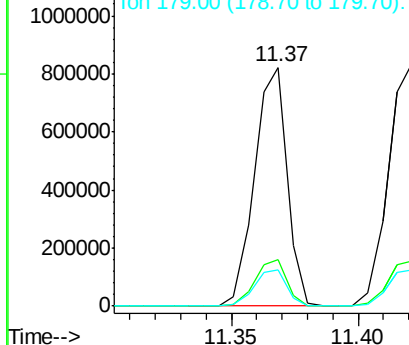


#70
 Phenanthrene
 Concen: 36.787 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:178 Resp: 740973
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.0 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

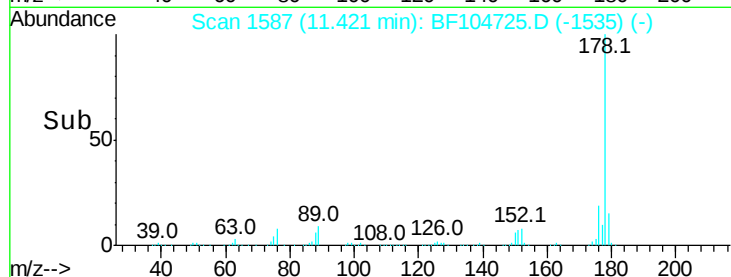
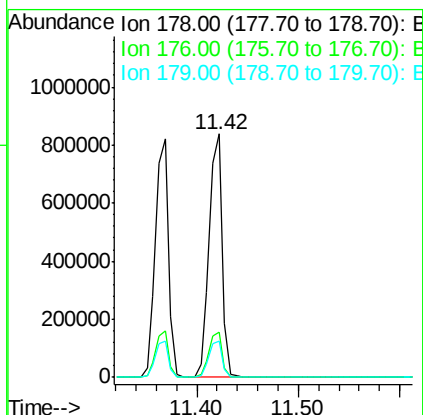
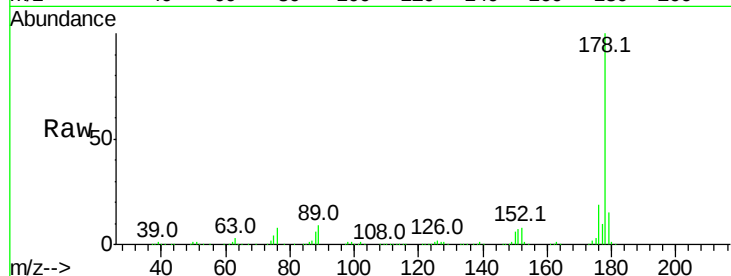




#71
 Anthracene
 Concen: 36.773 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

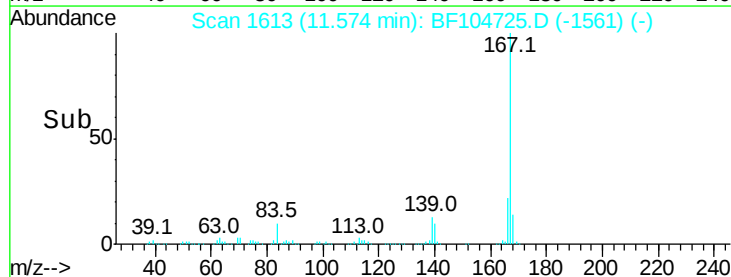
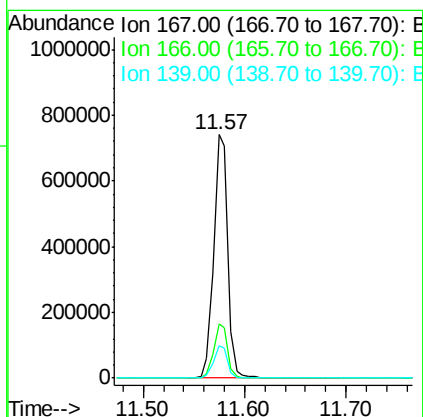
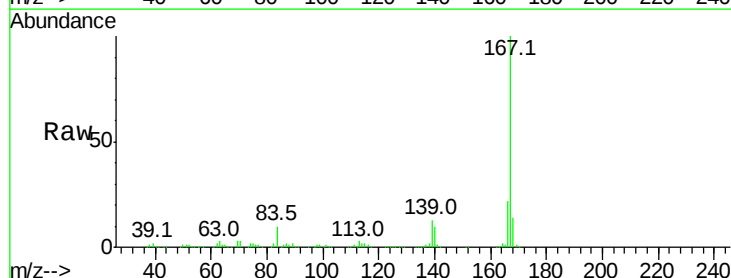
Instrument :
 BNA_F
 ClientSampleId :

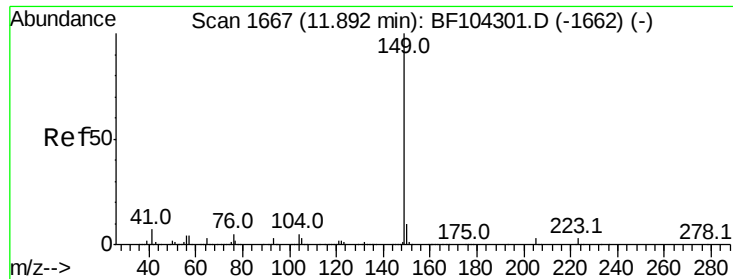
Tot Ion:178 Resp: 752934
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 35.608 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:167 Resp: 712431
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.5 10.9 16.3

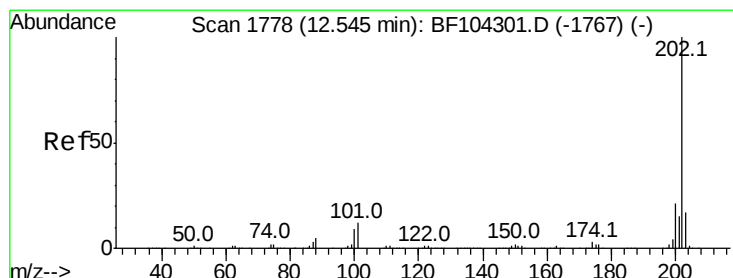
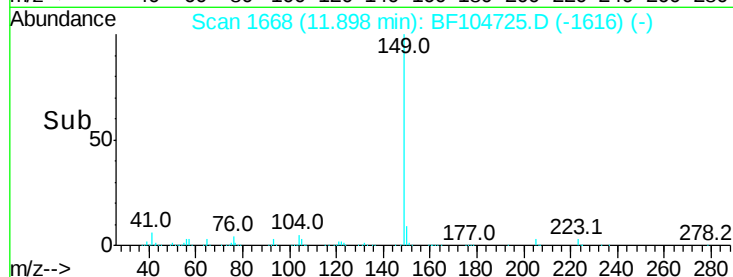
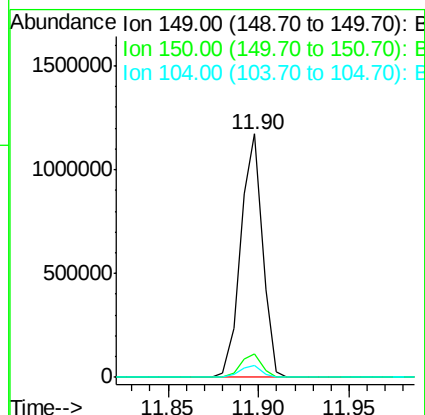
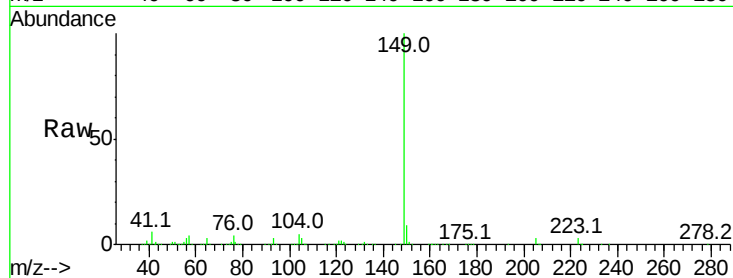




#73
Di-n-butylphthalate
Concen: 40.033 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

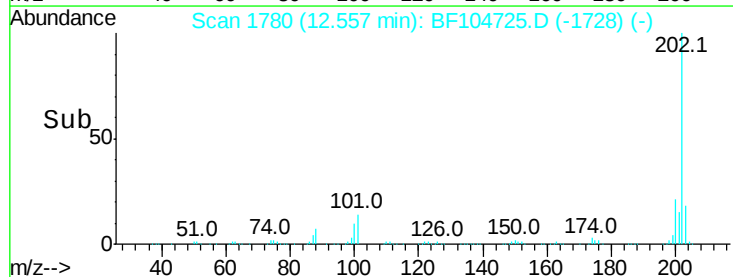
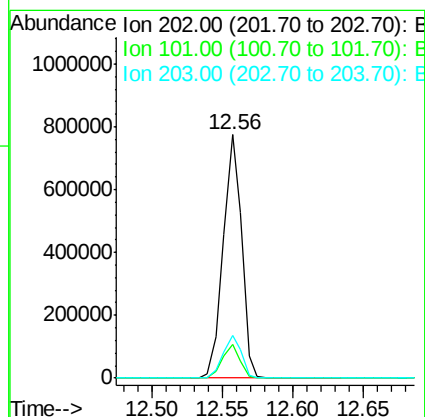
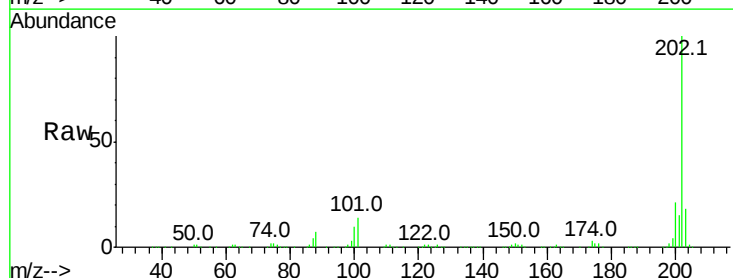
Instrument :
BNA_F
ClientSampleId :

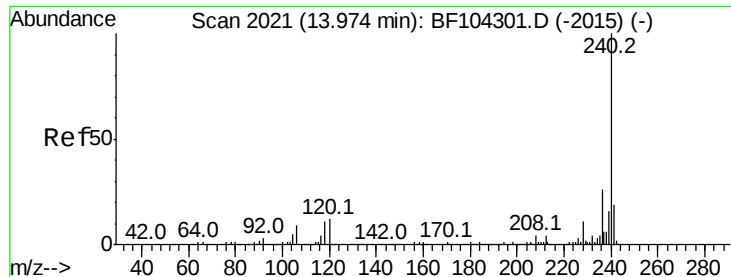
Tot Ion:149 Resp: 978419
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 33.430 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion:202 Resp: 703535
Ion Ratio Lower Upper
202 100
101 13.8 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :

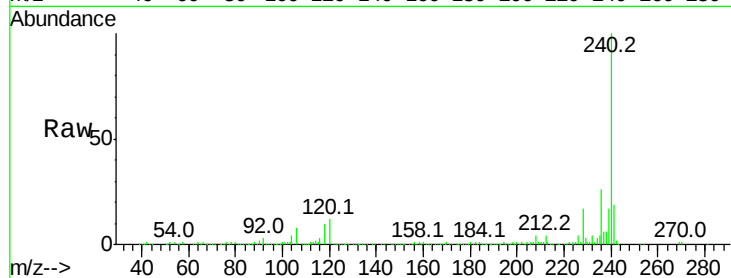
Tot Ion:240 Resp: 222428

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

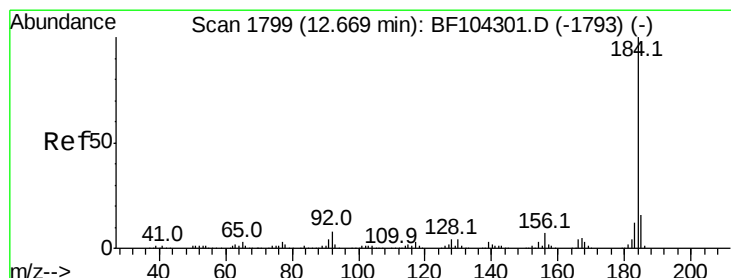
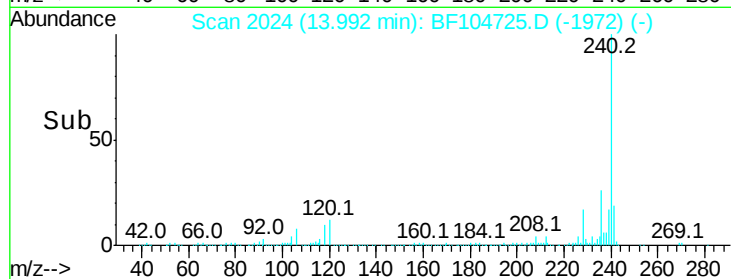
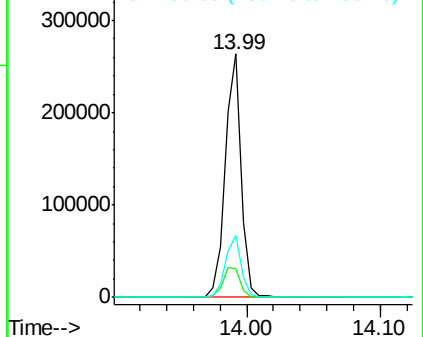
236 25.5 20.7 31.1



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: 41.801 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

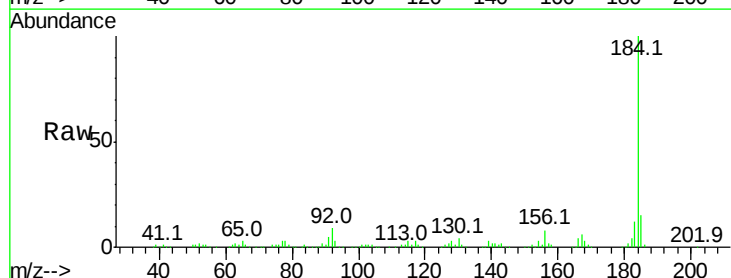
Tgt Ion:184 Resp: 311218

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

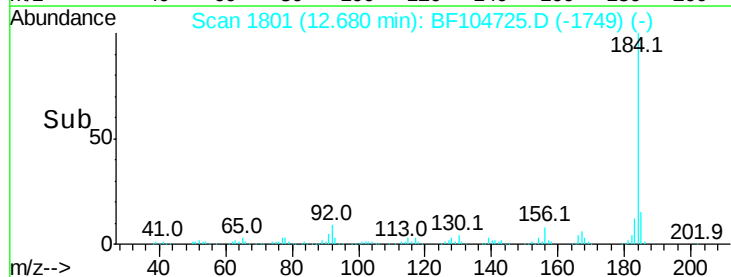
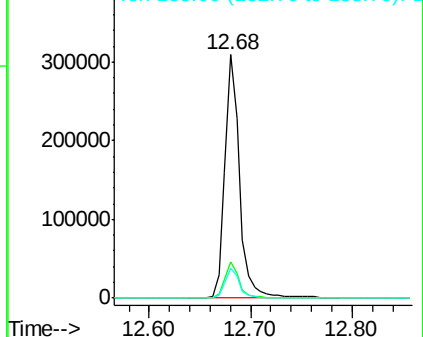
183 12.3 9.3 13.9

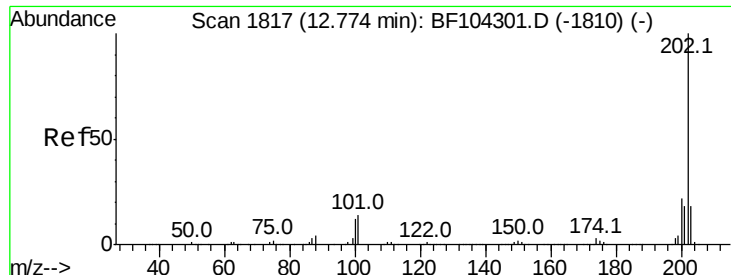


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

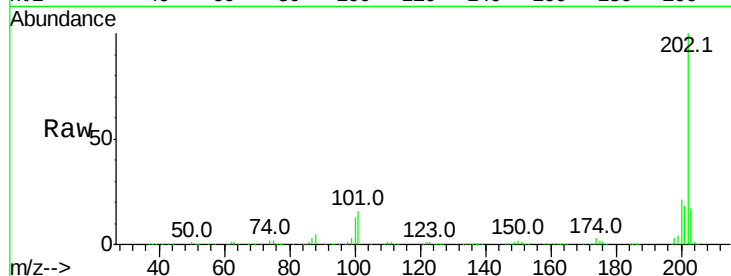




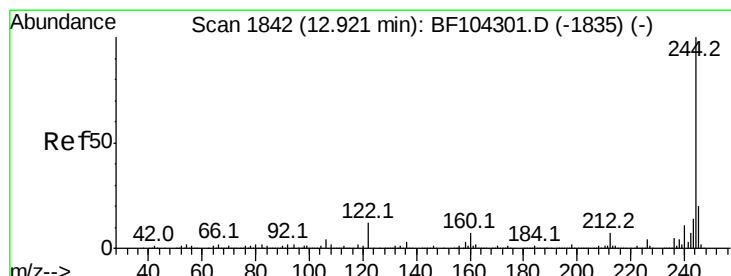
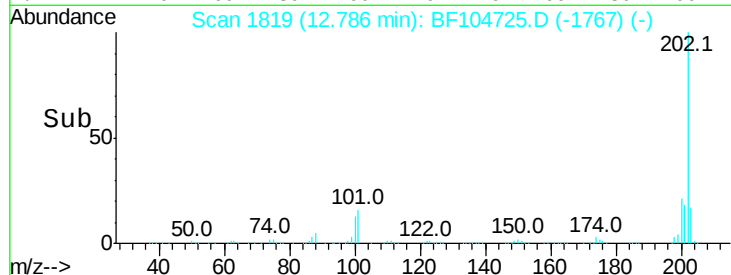
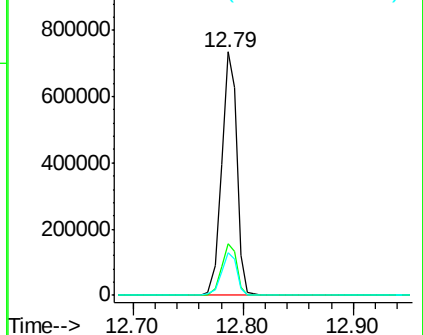
#77
 Pvrene
 Concen: 42.927 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 707737
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 17.4 14.3 21.5

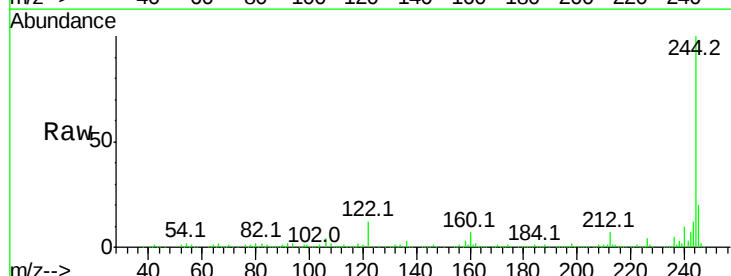


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

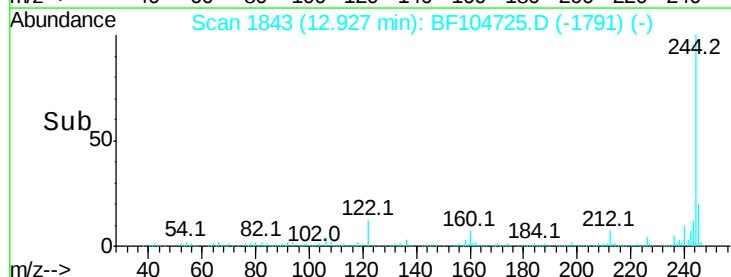
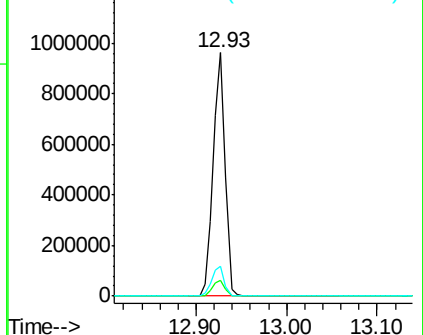


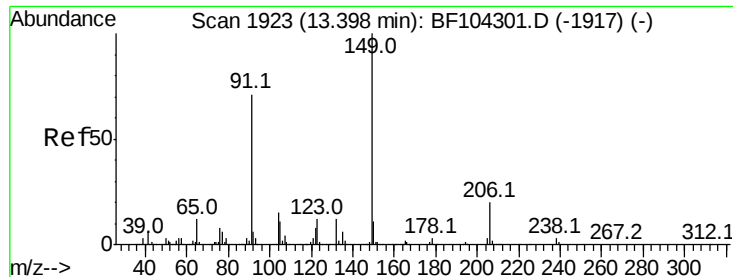
#78
 Terphenyl-d14
 Concen: 91.826 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion:244 Resp: 895888
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.2 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

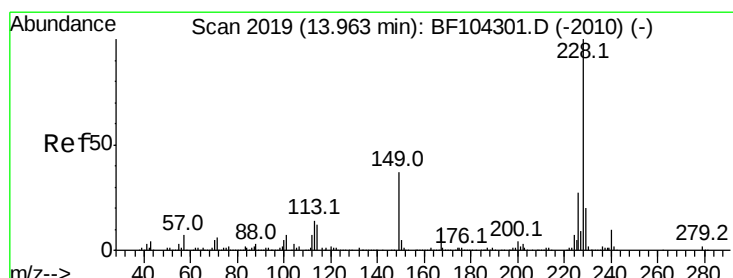
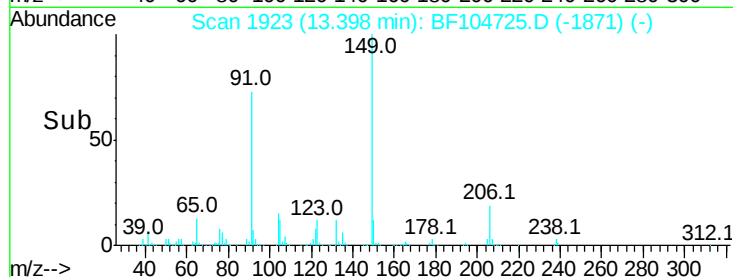
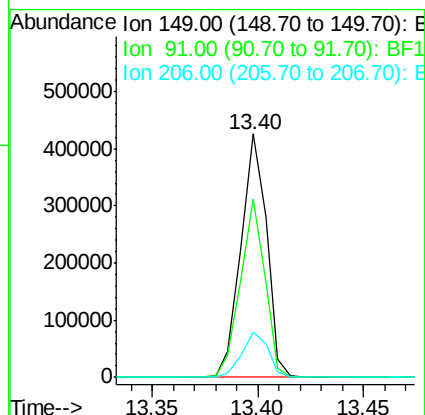
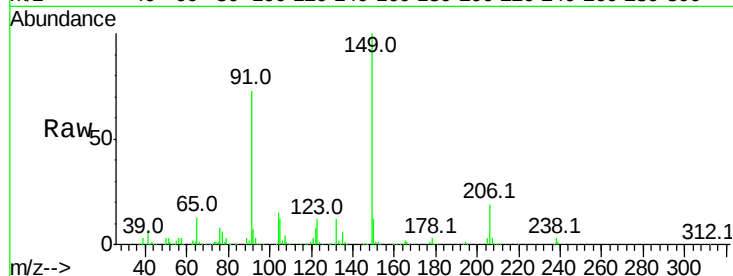




#79
Butylbenzylphthalate
Concen: 46.122 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

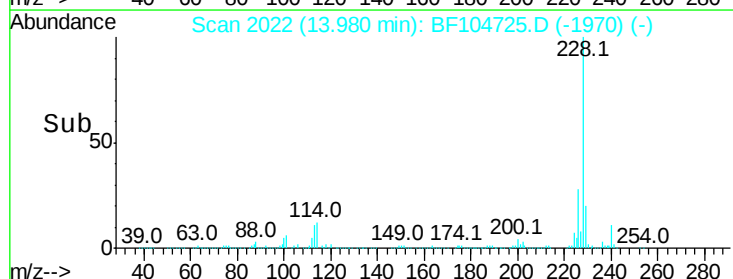
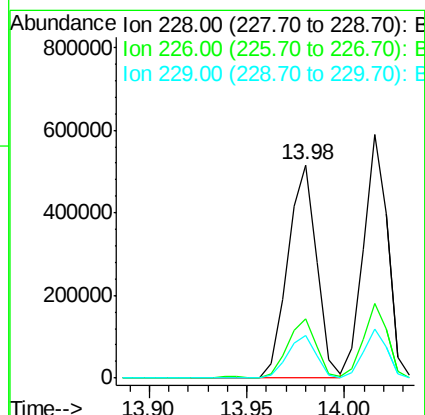
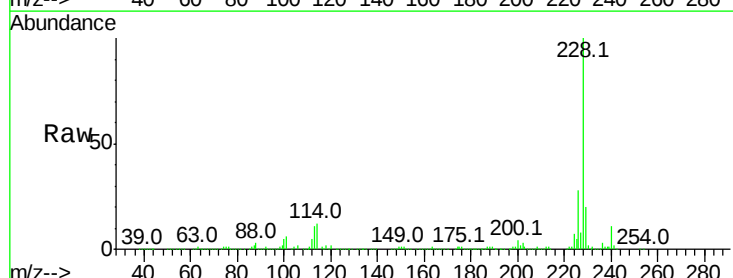
Instrument :
BNA_F
ClientSampleId :

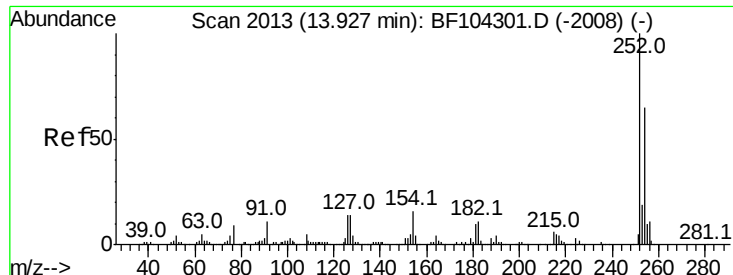
Tot Ion:149 Resp: 358241
Ion Ratio Lower Upper
149 100
91 73.4 56.8 85.2
206 18.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.778 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion:228 Resp: 528571
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.0 15.8 23.6

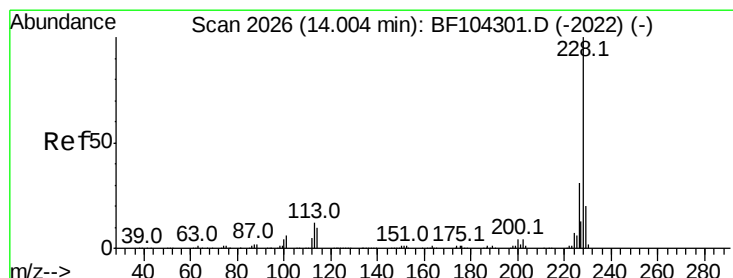
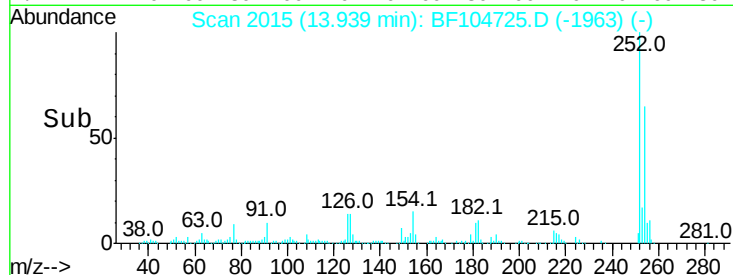
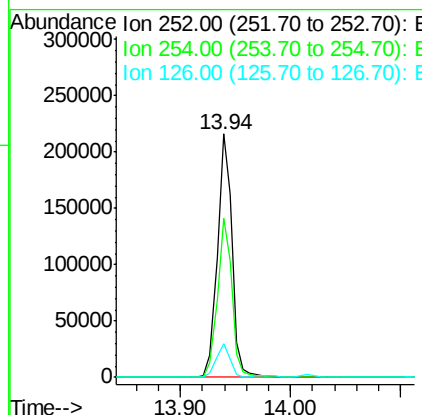
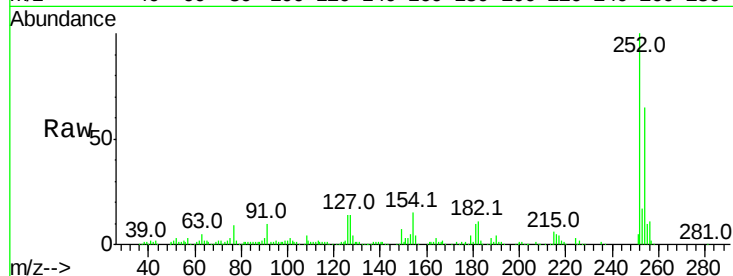




#81
 3,3'-Dichlorobenzidine
 Concen: 39.855 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

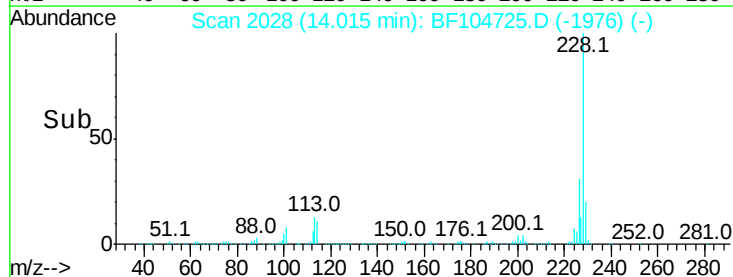
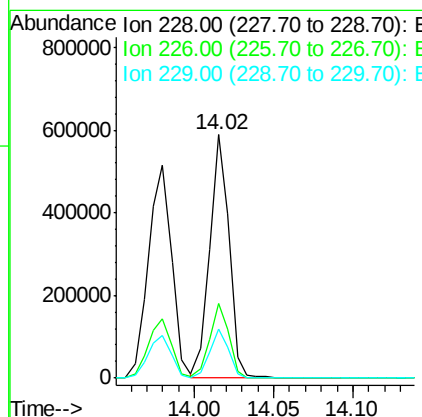
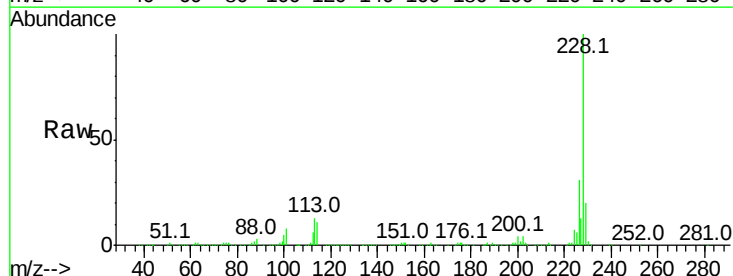
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	14.0	11.3	16.9



#82
 Chrysene
 Concen: 37.275 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.2	16.2	24.4

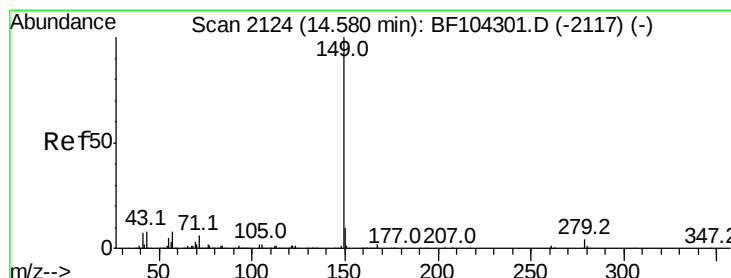
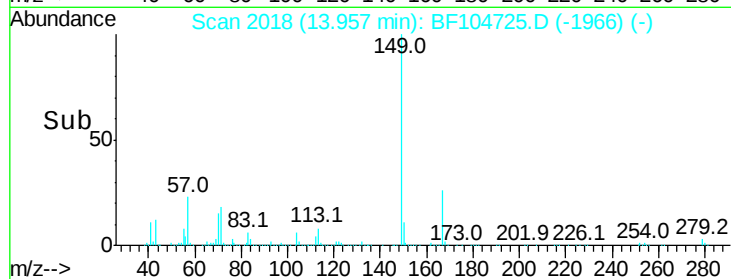
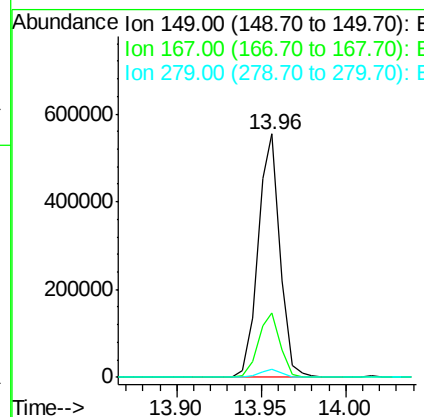
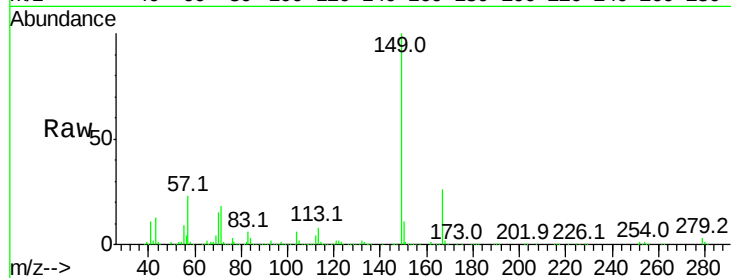




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.326 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

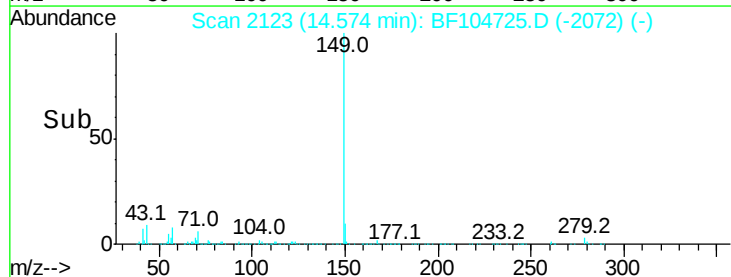
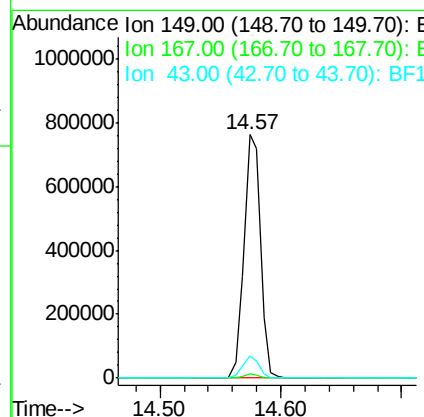
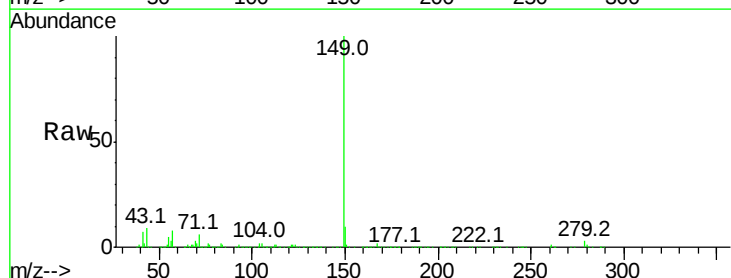
Instrument :
 BNA_F
 ClientSampleId :

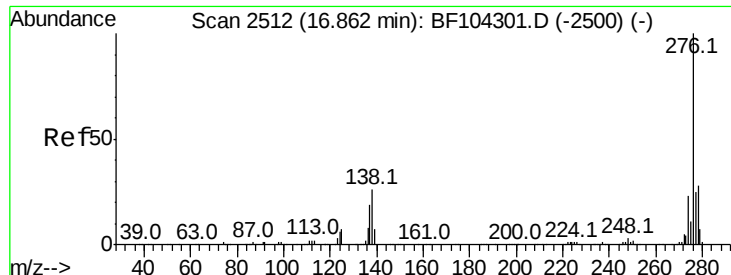
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 43.798 ng
 RT: 14.57 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#

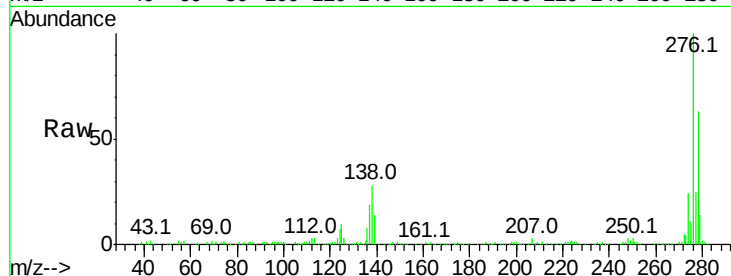




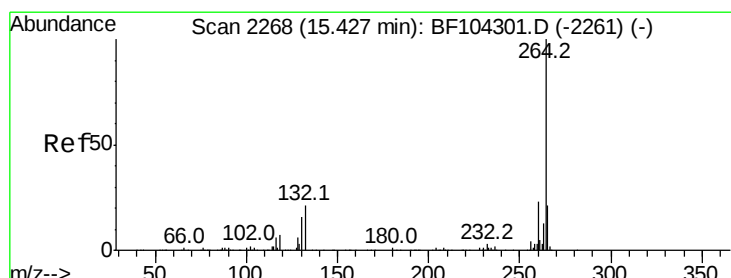
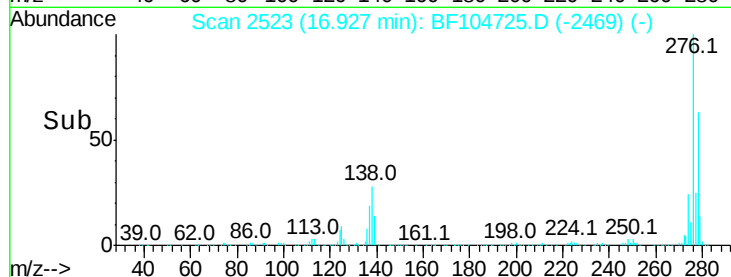
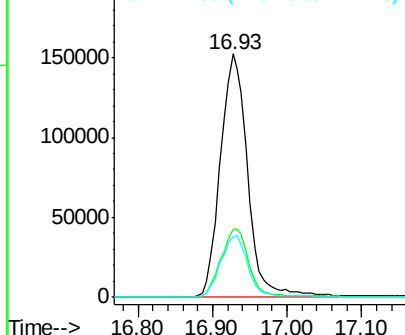
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.591 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.02 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	25.8	20.1	30.1

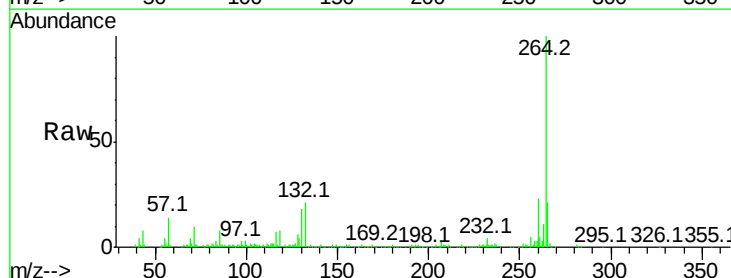


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

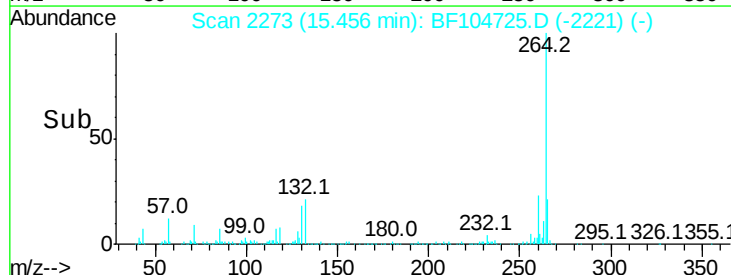
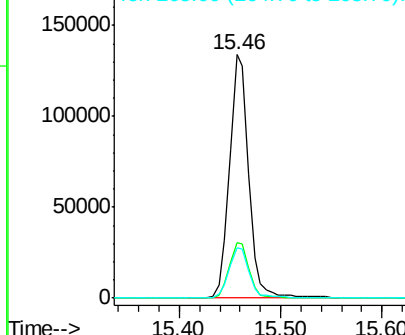


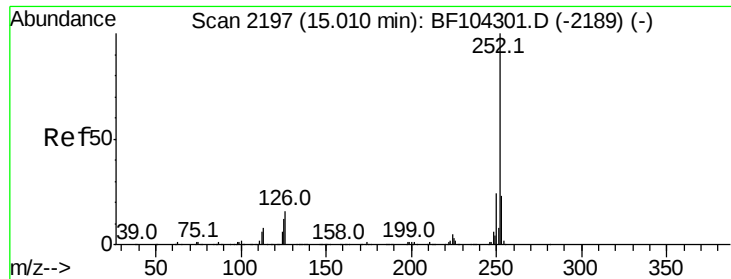
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF104725.D
 Acq: 23 Apr 2018 23:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.5	17.5	26.3



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

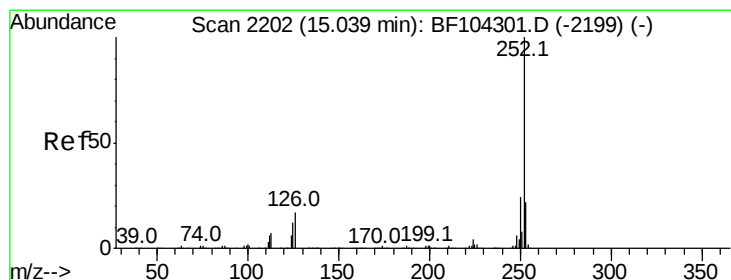
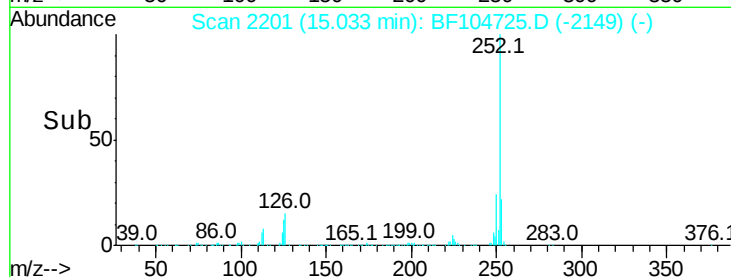
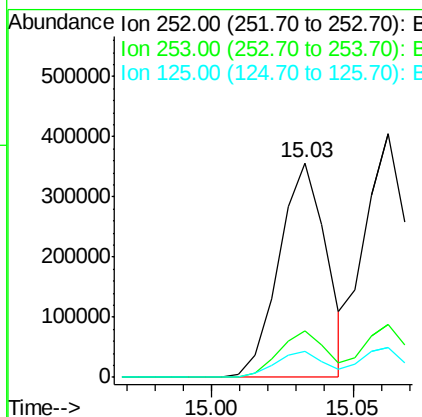
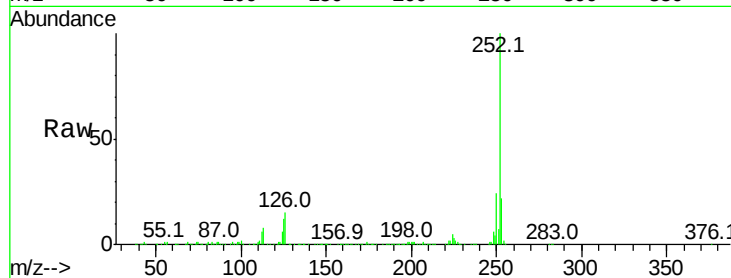




#87
Benzo(b)fluoranthene
Concen: 37.080 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

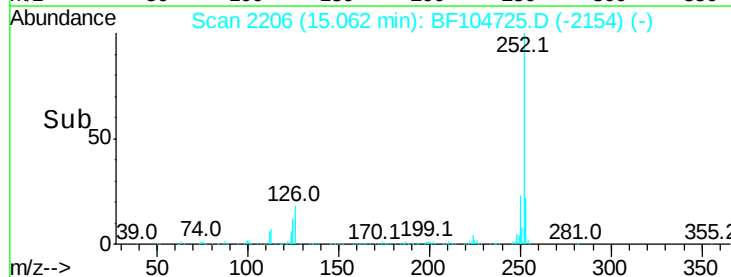
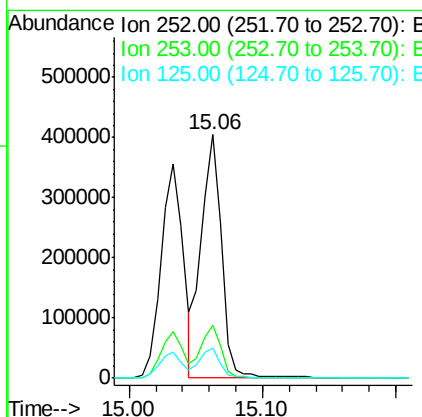
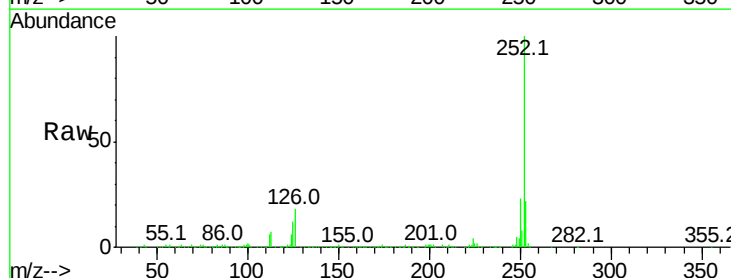
Instrument :
BNA_F
ClientSampled :

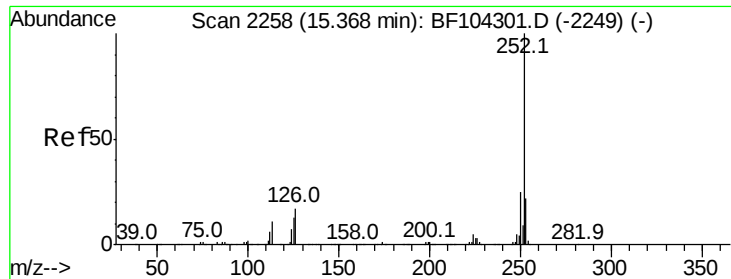
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.279 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.0	10.2	15.2

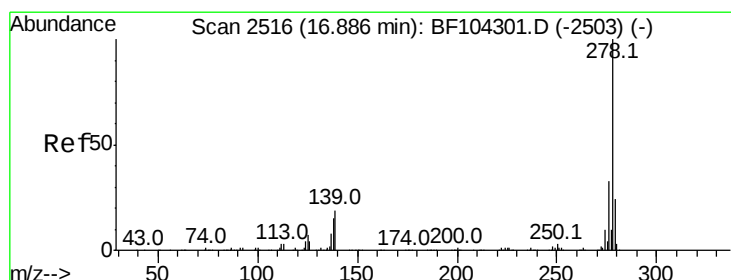
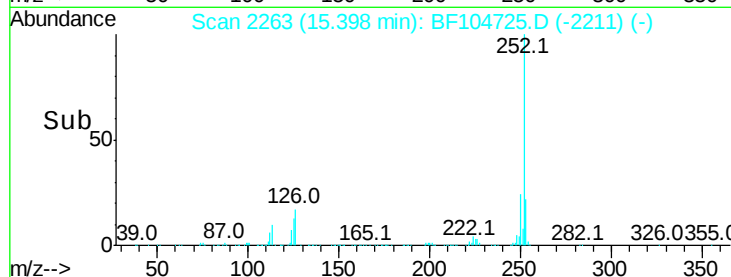
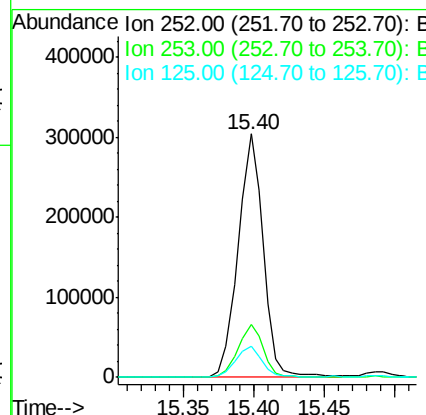
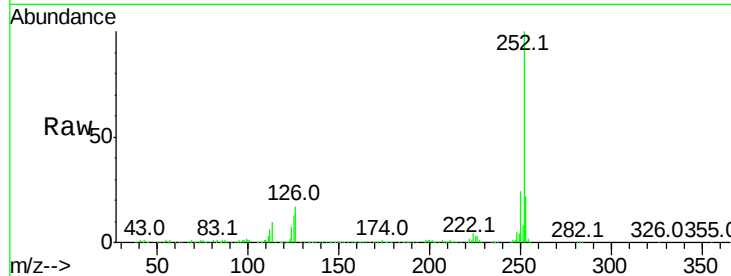




#89
Benzo(a)pyrene
Concen: 37.671 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

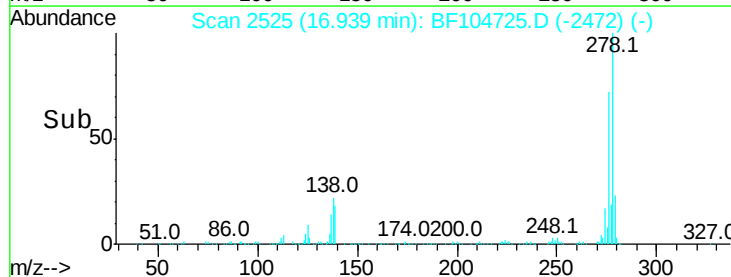
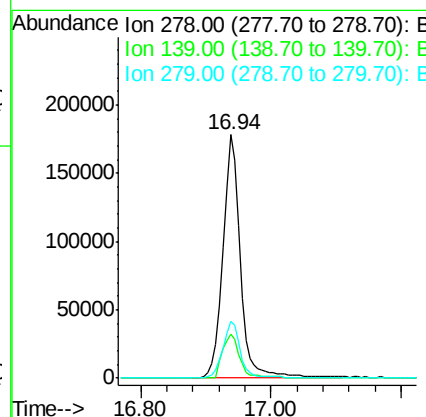
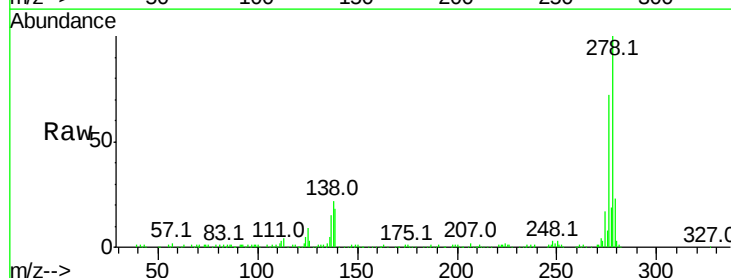
Instrument :
BNA_F
ClientSampleId :

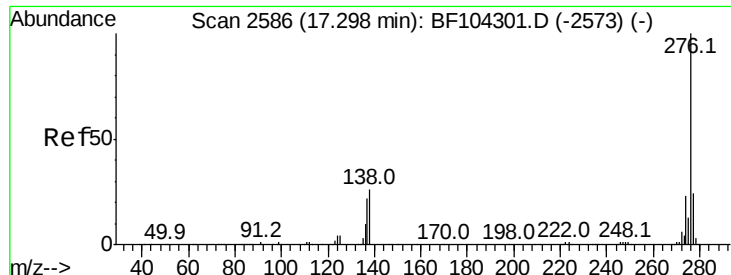
Tot Ion:252 Resp: 376444
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.9 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.650 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF104725.D
Acq: 23 Apr 2018 23:36

Tgt Ion:278 Resp: 333620
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 37.687 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.02 min

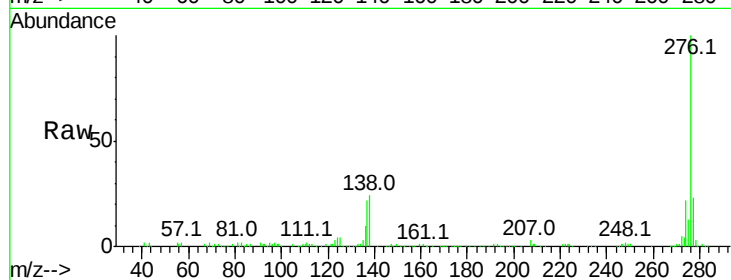
Lab File: BF104725.D

Acq: 23 Apr 2018 23:36

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 299663

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 23.9 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

