

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104751.D
 Acq On : 24 Apr 2018 12:54
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 21:53:13 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	122824	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	514098	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	238369	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	433172	20.00	ng	0.01
75) Chrysene-d12	13.99	240	323094	20.00	ng	0.00
86) Perylene-d12	15.46	264	262353	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	587013	73.08	ng	0.01
7) Phenol-d6	6.46	99	713393	72.28	ng	0.01
23) Nitrobenzene-d5	7.38	82	660347	83.87	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	189338	76.57	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	1130339	74.91	ng	0.00
78) Terphenyl-d14	12.93	244	1085825	76.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	134740	35.999	ng	# 88
3) Pyridine	3.26	79	371069	35.261	ng	# 86
4) n-Nitrosodimethylamine	3.23	42	119803	32.568	ng	81
6) Aniline	6.47	93	477915	34.854	ng	# 83
8) 2-Chlorophenol	6.60	128	321837	37.960	ng	96
9) Benzaldehyde	6.36	77	179261	34.237	ng	96
10) Phenol	6.47	94	387435	36.997	ng	# 72
11) bis(2-Chloroethyl)ether	6.55	93	308701	36.941	ng	96
12) 1,3-Dichlorobenzene	6.75	146	365740	38.078	ng	98
13) 1,4-Dichlorobenzene	6.83	146	368383	38.476	ng	98
14) 1,2-Dichlorobenzene	6.98	146	344022	38.773	ng	99
15) Benzyl Alcohol	6.96	79	267884	35.736	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	377934	33.676	ng	78
17) 2-Methylphenol	7.07	107	276916	37.575	ng	# 93
18) Hexachloroethane	7.32	117	134866	39.507	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	214440	33.250	ng	94
20) 3+4-Methylphenols	7.23	107	337918	36.970	ng	# 74
22) Acetophenone	7.22	105	456574	36.073	ng	99
24) Nitrobenzene	7.40	77	346377	39.848	ng	99
25) Isophorone	7.63	82	586553	35.231	ng	98
26) 2-Nitrophenol	7.72	139	184380	52.104	ng	# 89
27) 2,4-Dimethylphenol	7.75	122	259448	35.310	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	371237	36.470	ng	99
29) 2,4-Dichlorophenol	7.96	162	264515	37.730	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	293353	38.128	ng	99
31) Naphthalene	8.12	128	950655	37.136	ng	100
32) Benzoic acid	7.89	122	170730	29.122	ng	96
33) 4-Chloroaniline	8.17	127	417394	38.058	ng	99
34) Hexachlorobutadiene	8.23	225	163322	38.754	ng	99
35) Caprolactam	8.56	113	89649	36.656	ng	# 73
36) 4-Chloro-3-methylphenol	8.66	107	285907	38.033	ng	99
37) 2-Methylnaphthalene	8.81	142	616135	37.209	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	271320	39.763	ng	99
40) Hexachlorocyclopentadiene	8.96	237	163809	42.882	ng	100

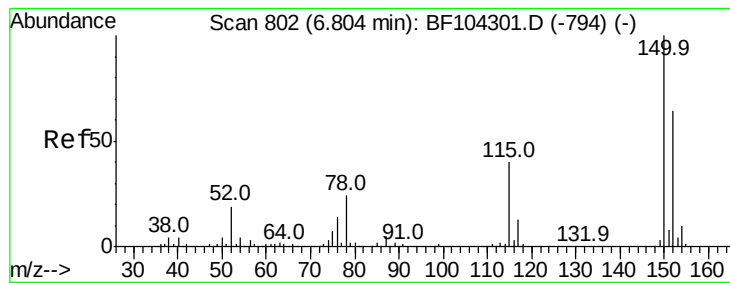
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104751.D
 Acq On : 24 Apr 2018 12:54
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 21:53:13 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	178787	37.745	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	203923	38.472	nq	96
45) 1,1'-Biphenyl	9.27	154	756649	37.786	nq	99
46) 2-Chloronaphthalene	9.30	162	599216	37.884	nq	98
47) 2-Nitroaniline	9.40	65	182088	46.552	nq	91
48) Acenaphthylene	9.72	152	908129	36.594	nq	99
49) Dimethylphthalate	9.57	163	711205	37.836	nq	99
50) 2,6-Dinitrotoluene	9.65	165	155931	44.831	nq	89
51) Acenaphthene	9.89	154	527659	34.849	nq	100
52) 3-Nitroaniline	9.82	138	182086	44.717	nq	99
53) 2,4-Dinitrophenol	9.93	184	58399	50.074	nq	# 18
54) Dibenzofuran	10.06	168	747348	35.418	nq	99
55) 4-Nitrophenol	9.99	139	121368	37.943	nq	95
56) 2,4-Dinitrotoluene	10.05	165	196060	42.973	nq	99
57) Fluorene	10.40	166	611952	39.844	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	140337	35.488	nq	94
59) Diethylphthalate	10.27	149	670029	35.791	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	280804	41.053	nq	98
61) 4-Nitroaniline	10.43	138	180116	45.239	nq	98
62) Azobenzene	10.56	77	620139	34.673	nq	92
64) 4,6-Dinitro-2-methylphenol	10.46	198	100822	47.823	nq	82
65) n-Nitrosodiphenylamine	10.52	169	546246	36.370	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	171661	37.256	nq	97
67) Hexachlorobenzene	10.95	284	196314	37.866	nq	94
68) Atrazine	11.04	200	163361	36.034	nq	99
69) Pentachlorophenol	11.15	266	122056	38.055	nq	95
70) Phenanthrene	11.37	178	869961	36.063	nq	99
71) Anthracene	11.42	178	886825	36.165	nq	100
72) Carbazole	11.58	167	856809	35.757	nq	100
73) Di-n-butylphthalate	11.90	149	1039757	35.522	nq	99
74) Fluoranthene	12.56	202	896078	35.553	nq	97
76) Benzidine	12.68	184	370693	31.846	nq	99
77) Pyrene	12.79	202	920651	38.442	nq	99
79) Butylbenzylphthalate	13.40	149	430995	38.200	nq	98
80) Benzo(a)anthracene	13.99	228	770579	39.922	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	268489	37.307	nq	97
82) Chrysene	14.02	228	727303	36.684	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	562156	38.737	nq	99
84) Di-n-octyl phthalate	14.58	149	823205	33.948	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.94	276	571859	33.954	nq	97
87) Benzo(b)fluoranthene	15.04	252	620483	37.447	nq	98
88) Benzo(k)fluoranthene	15.07	252	627673	40.124	nq	99
89) Benzo(a)pyrene	15.40	252	566387	38.203	nq	99
90) Dibenzo(a,h)anthracene	16.95	278	474504	38.969	nq	98
91) Benzo(g,h,i)perylene	17.39	276	466105	39.511	nq	96

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

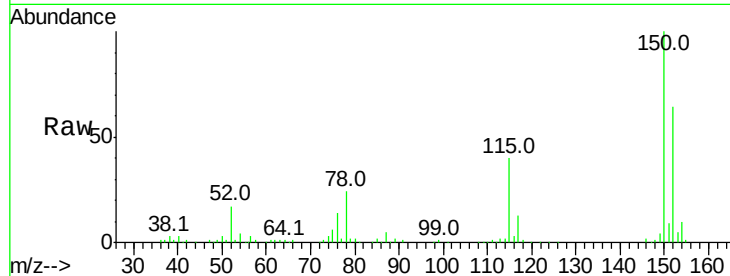


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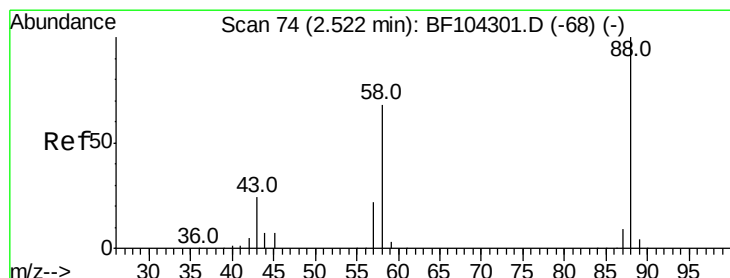
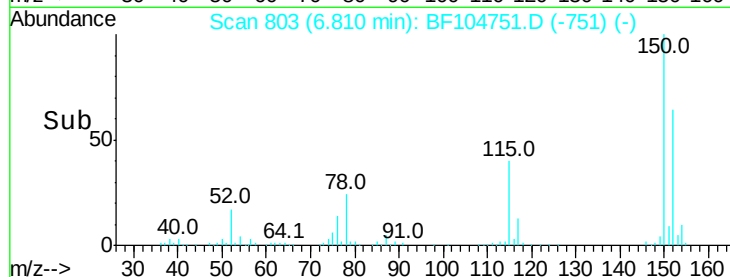
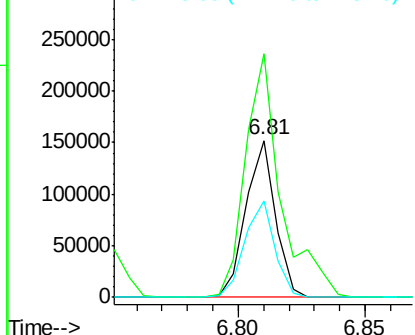
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122824
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 61.7 50.1 75.1



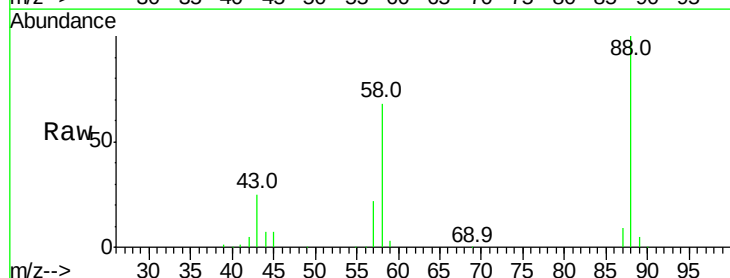
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



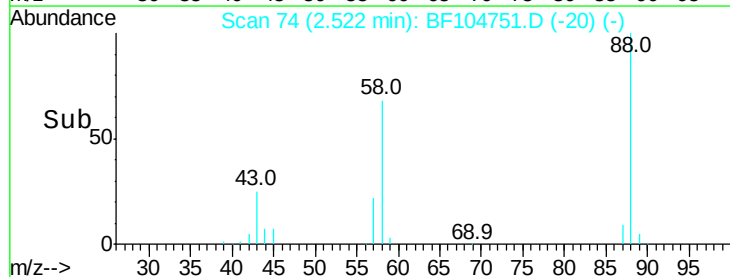
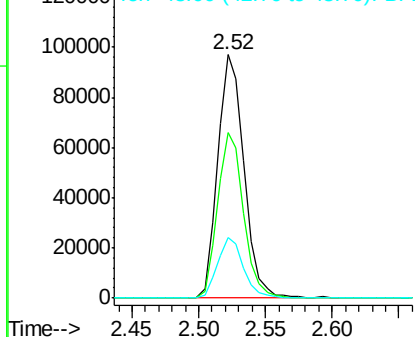
#2

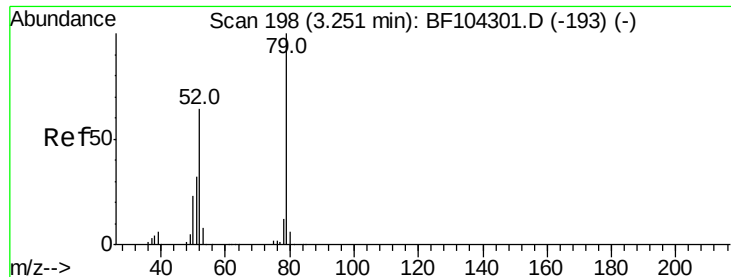
1,4-Dioxane
Concen: 35.999 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion: 88 Resp: 134740
Ion Ratio Lower Upper
88 100
58 67.0 62.6 93.8
43 24.6 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

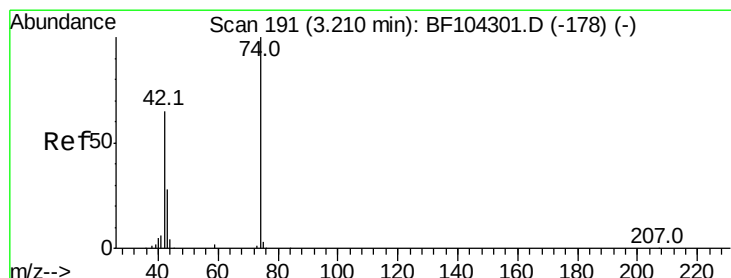
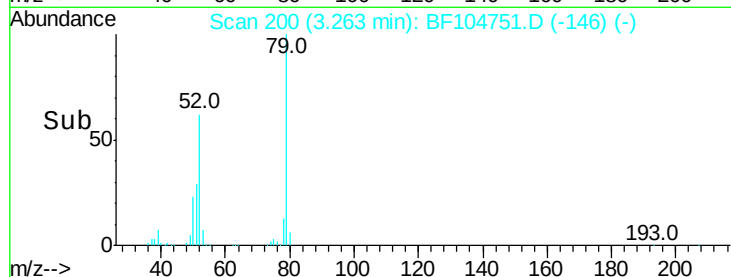
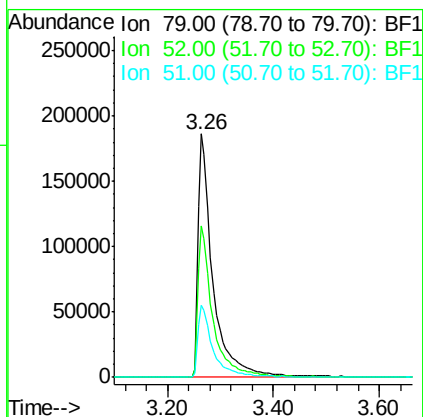
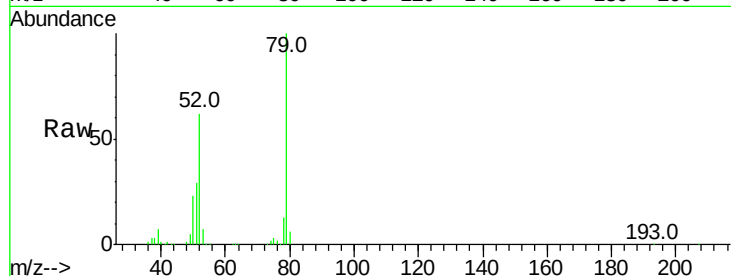




#3
 Pvridine
 Concen: 35.261 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.02 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

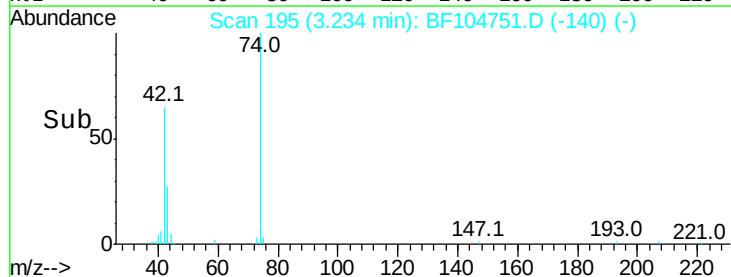
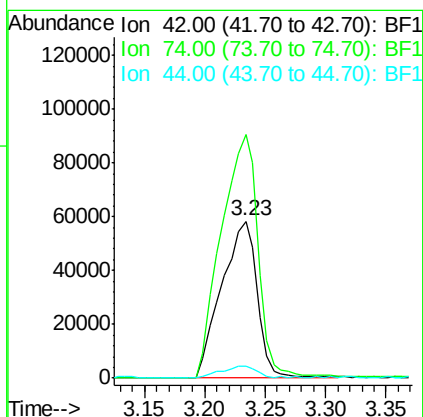
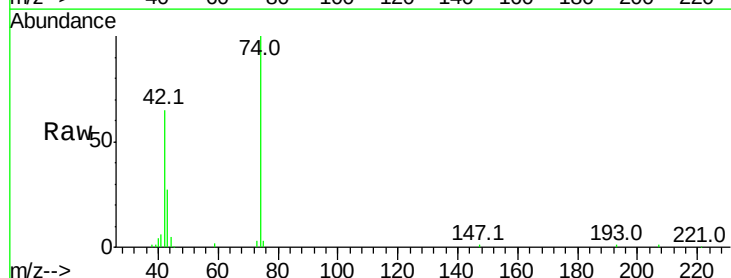
Instrument :
 BNA_F
 ClientSampled :

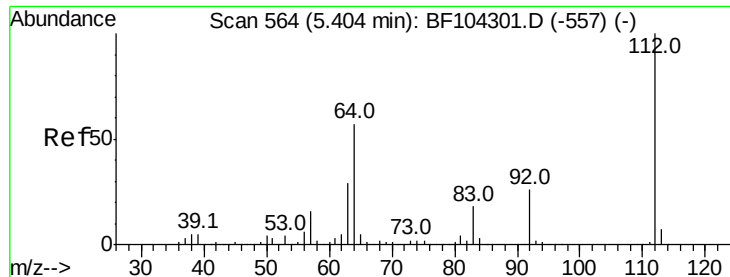
Tot Ion: 79 Resp: 371069
 Ion Ratio Lower Upper
 79 100
 52 62.2 59.8 89.6
 51 29.5 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 32.568 ng
 RT: 3.23 min Scan# 195
 Delta R.T. 0.02 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion: 42 Resp: 119803
 Ion Ratio Lower Upper
 42 100
 74 154.9 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 73.078 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

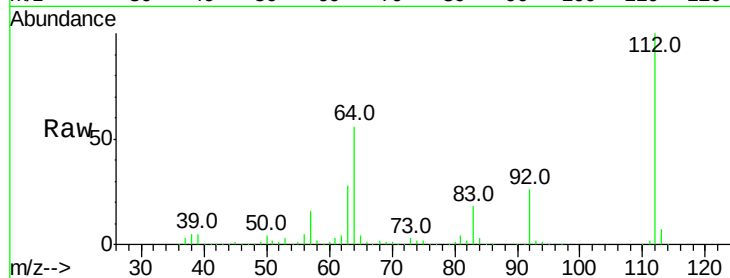
Tot Ion:112 Resp: 587013

Ion Ratio Lower Upper

112 100

64 55.7 47.9 71.9

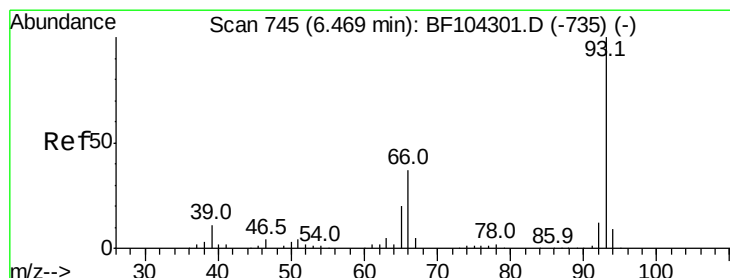
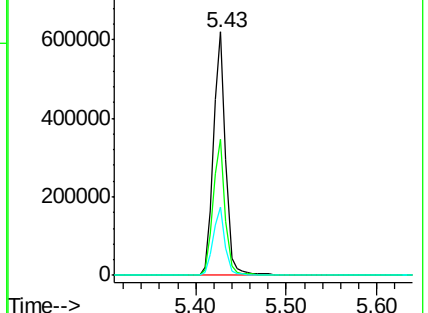
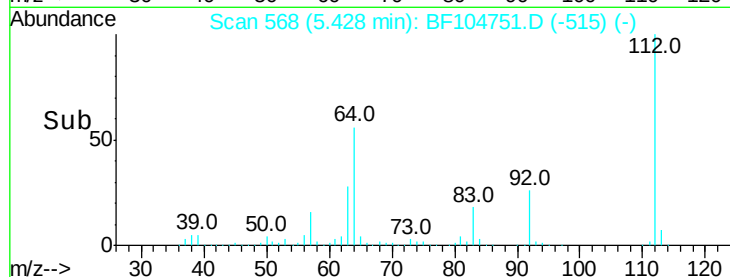
63 28.0 23.7 35.5



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: 34.854 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

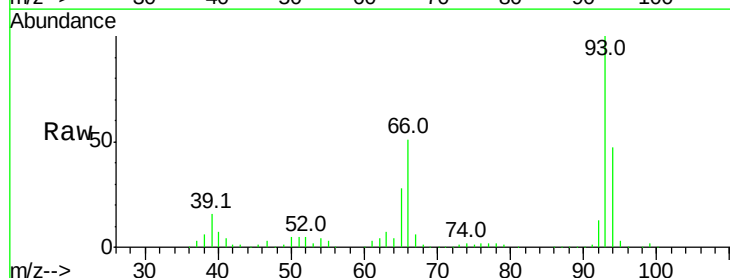
Tgt Ion: 93 Resp: 477915

Ion Ratio Lower Upper

93 100

66 50.6 32.2 48.2#

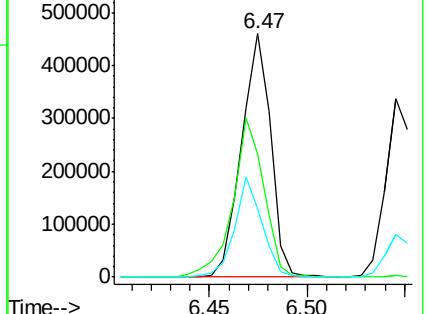
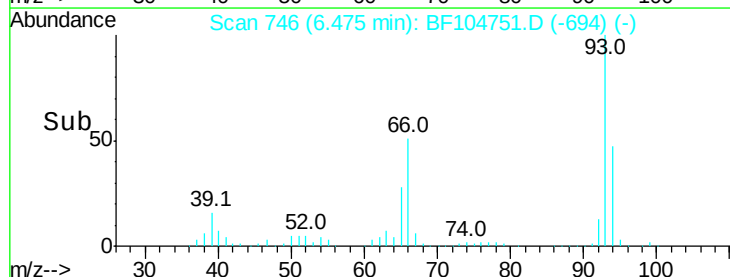
65 28.2 16.4 24.6#

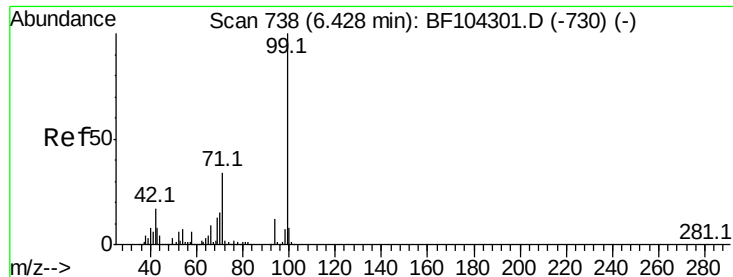


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.282 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

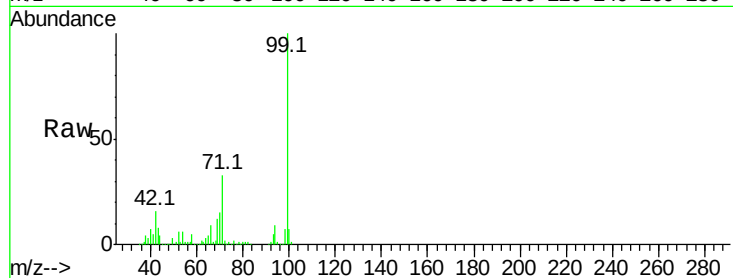
Tot Ion: 99 Resp: 713393

Ion Ratio Lower Upper

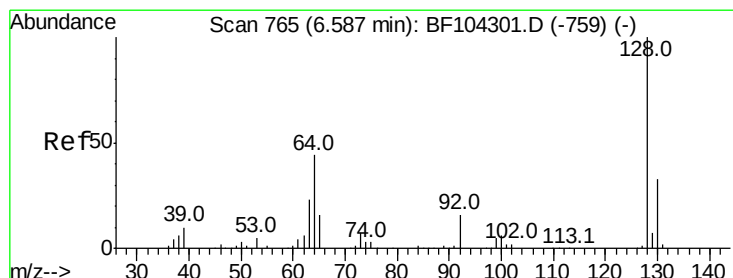
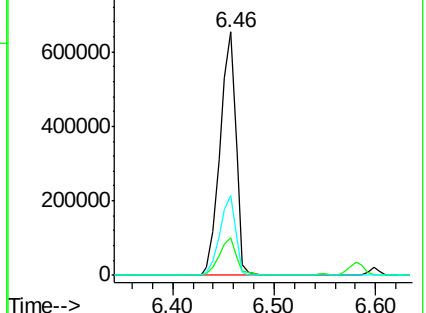
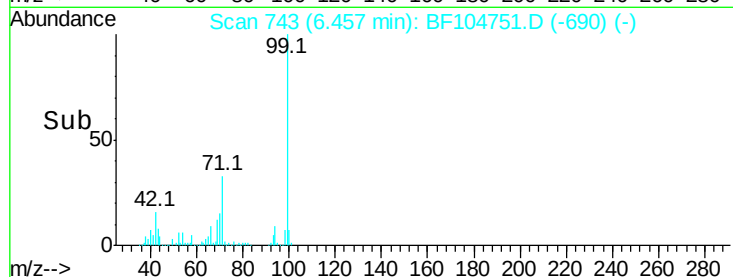
99 100

42 15.5 14.5 21.7

71 32.9 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: 37.960 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

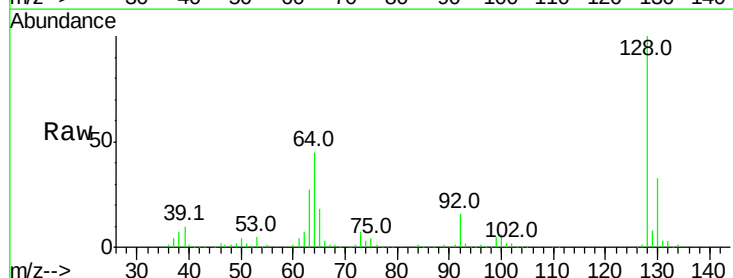
Tgt Ion: 128 Resp: 321837

Ion Ratio Lower Upper

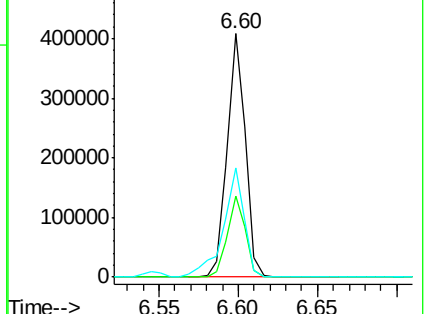
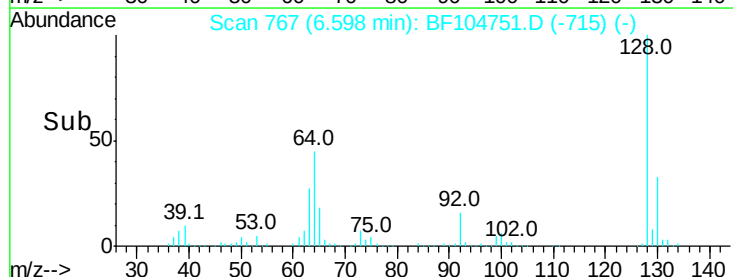
128 100

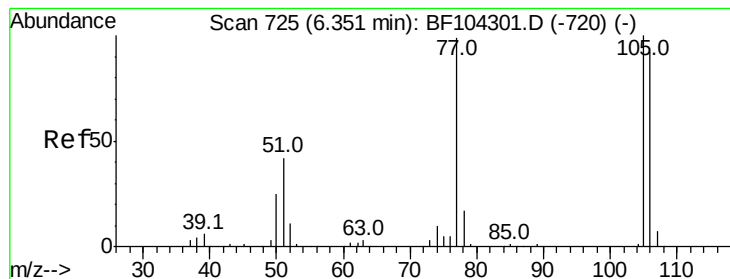
130 33.2 13.0 53.0

64 45.1 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: 34.237 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

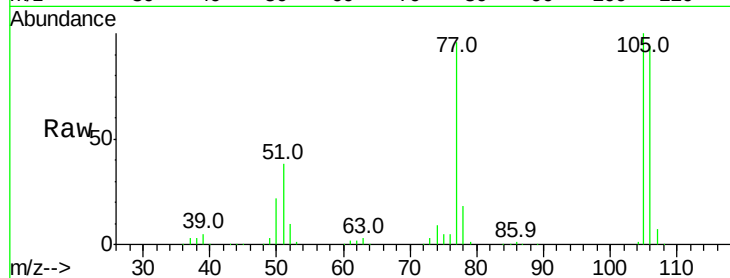
Tot Ion: 77 Resp: 179261

Ion Ratio Lower Upper

77 100

105 104.3 81.1 121.1

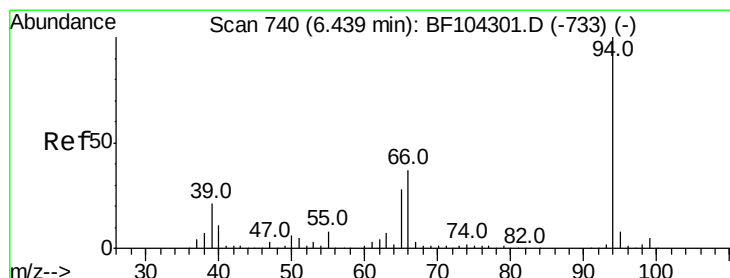
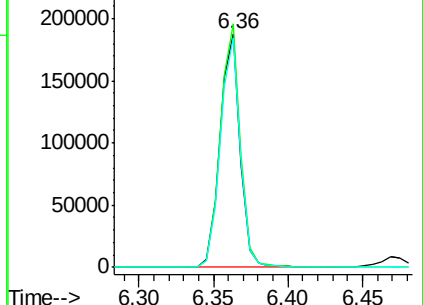
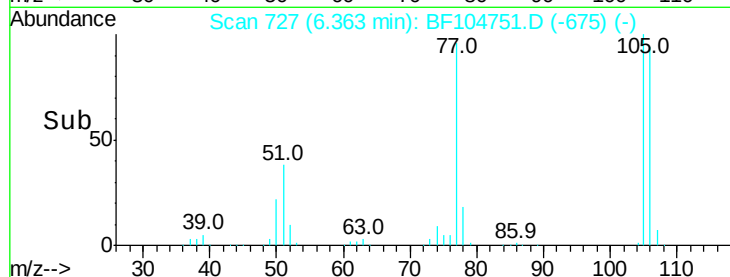
106 98.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.997 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

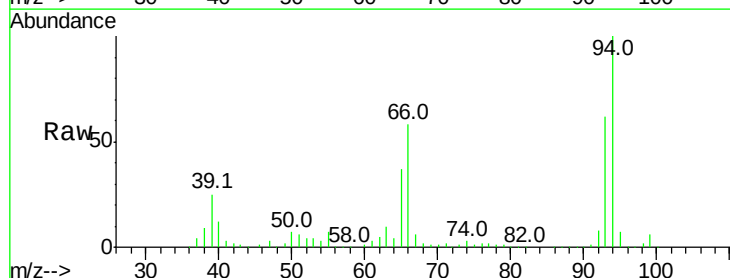
Tgt Ion: 94 Resp: 387435

Ion Ratio Lower Upper

94 100

65 36.7 7.9 47.9

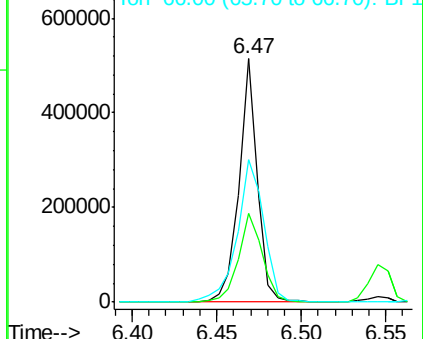
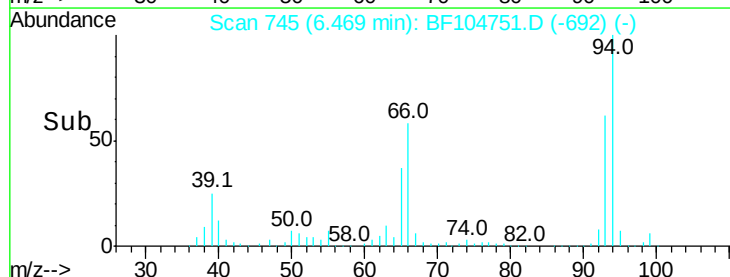
66 58.3 16.2 56.2#

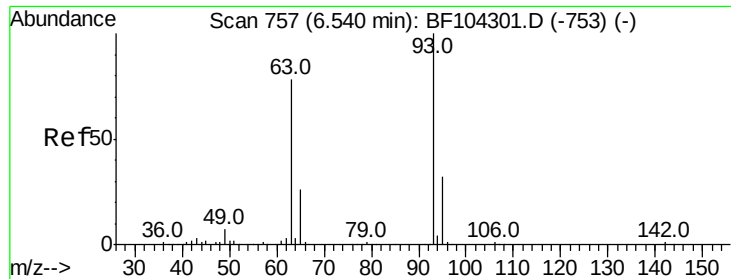


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

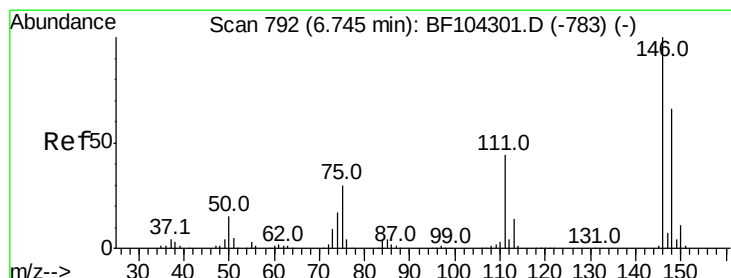
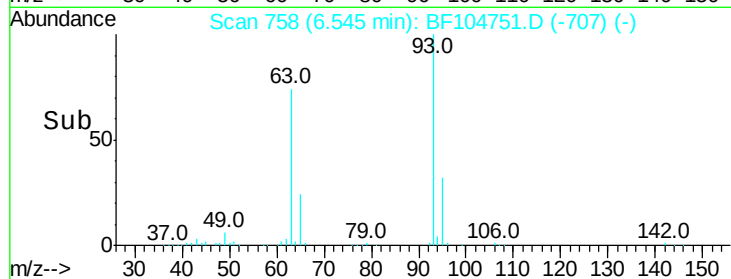
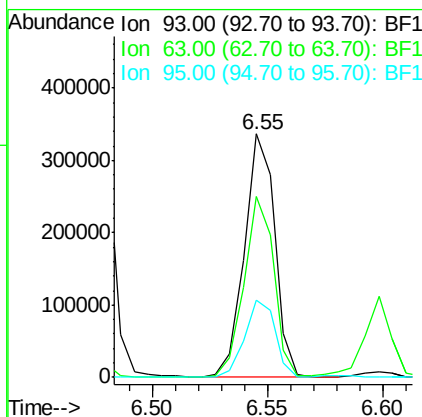
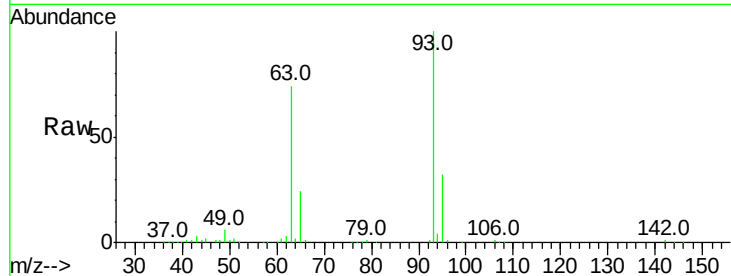




#11
 bis(2-Chloroethyl)ether
 Concen: 36.941 ng
 RT: 6.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

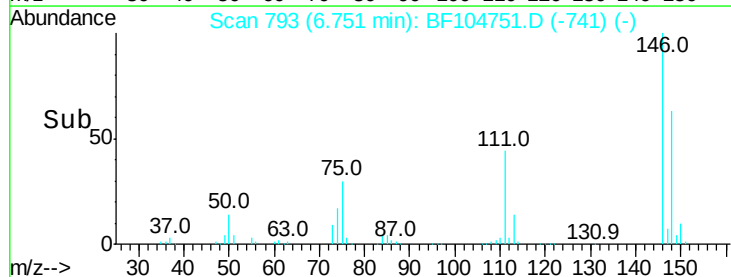
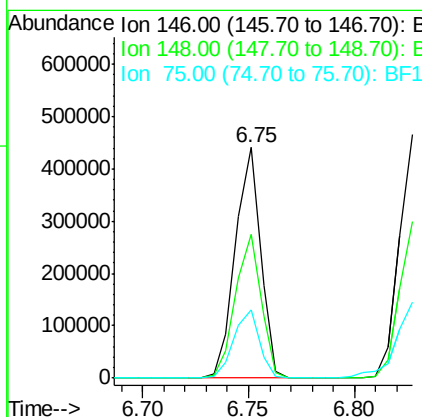
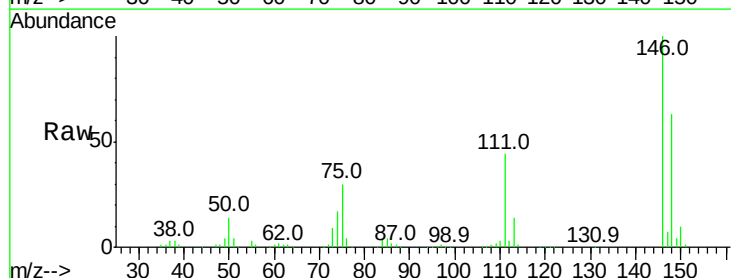
Instrument :
 BNA_F
 ClientSampleId :

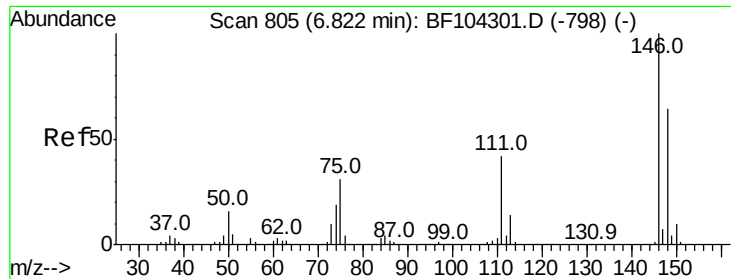
Tot Ion:	93	Resp:	308701
Ion	Ratio	Lower	Upper
93	100		
63	74.0	58.6	98.6
95	31.7	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.078 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:	146	Resp:	365740
Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
75	29.6	24.2	36.4

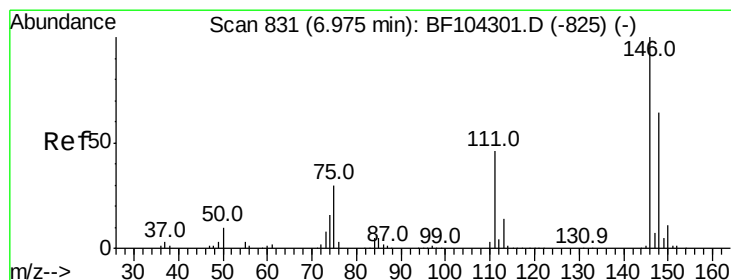
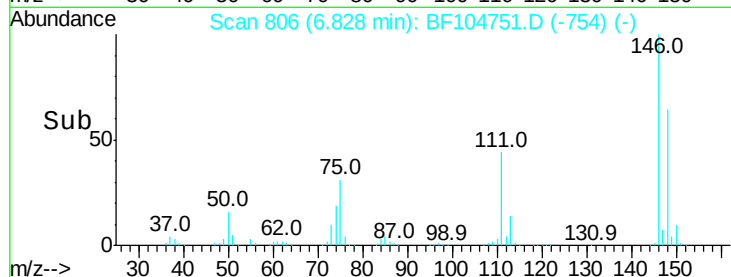
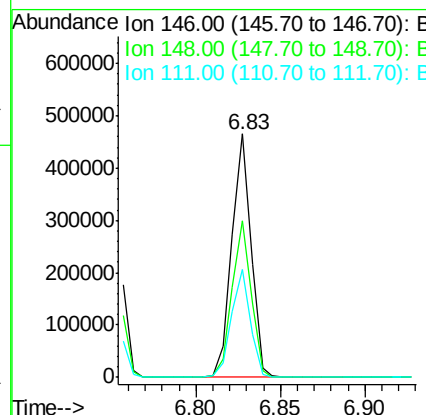
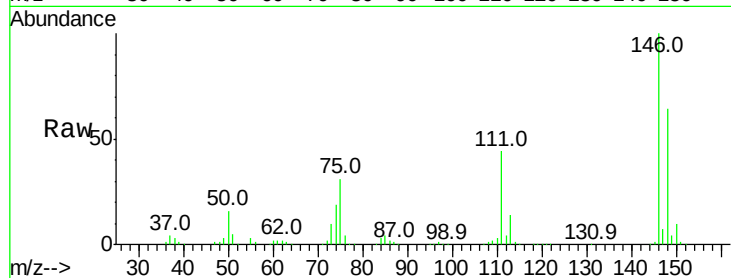




#13
 1,4-Dichlorobenzene
 Concen: 38.476 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

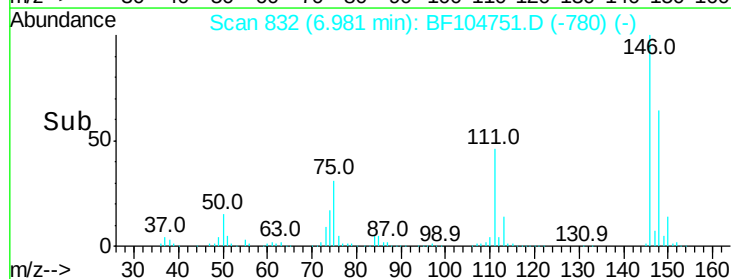
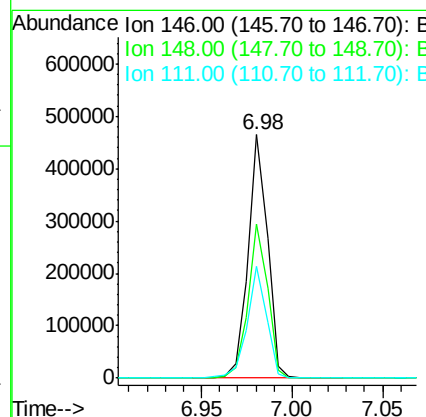
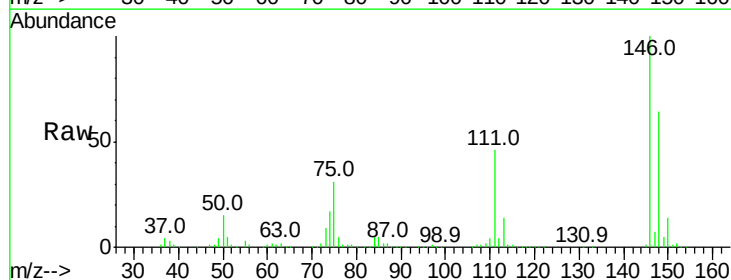
Instrument :
 BNA_F
 ClientSampleId :

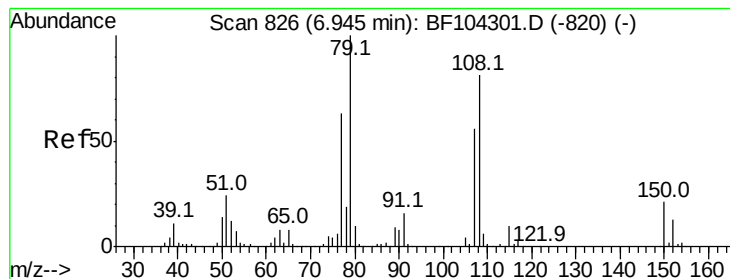
Tot Ion:146 Resp: 368383
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 44.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.773 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:146 Resp: 344022
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 45.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.736 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

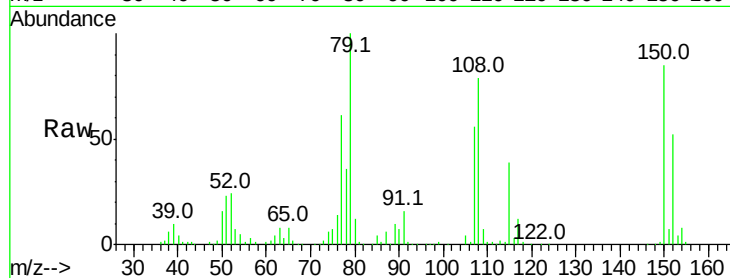
Tot Ion: 79 Resp: 267884

Ion Ratio Lower Upper

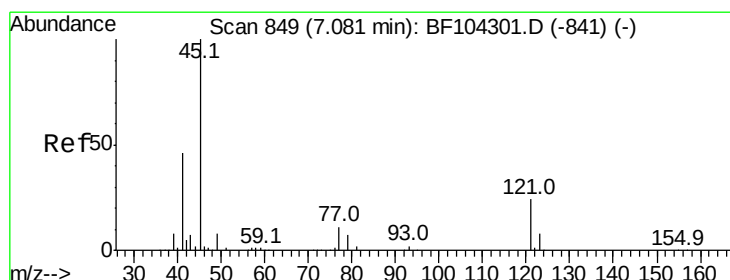
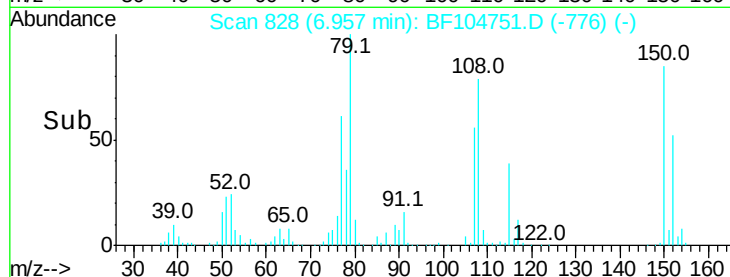
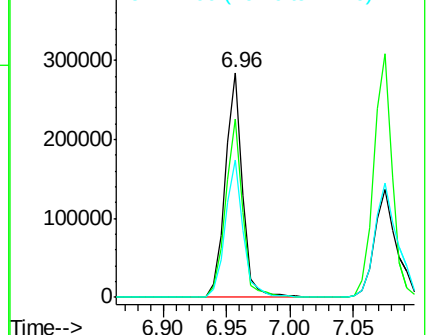
79 100

108 79.3 65.1 97.7

77 61.4 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: 33.676 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

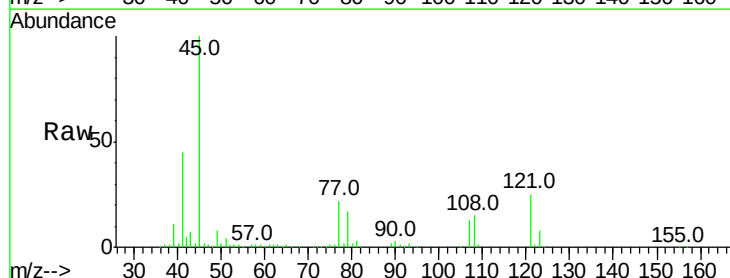
Tgt Ion: 45 Resp: 377934

Ion Ratio Lower Upper

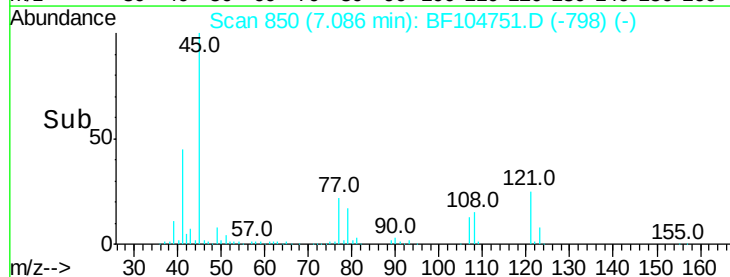
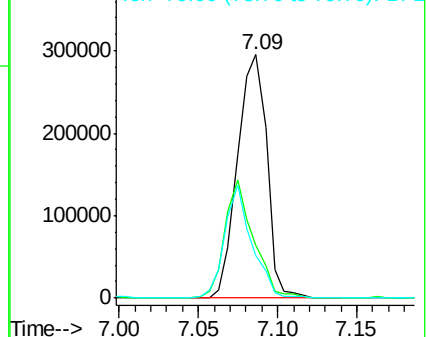
45 100

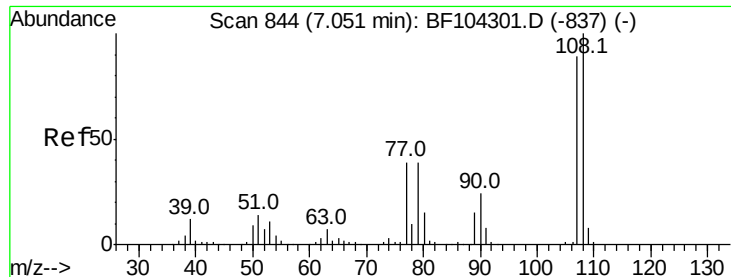
77 21.7 0.0 32.9

79 17.4 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: 37.575 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 276916

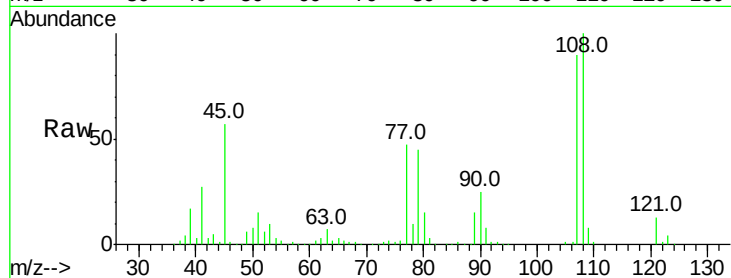
Ion Ratio Lower Upper

107 100

108 111.3 91.7 137.5

77 52.0 33.8 50.8#

79 49.6 33.8 50.8

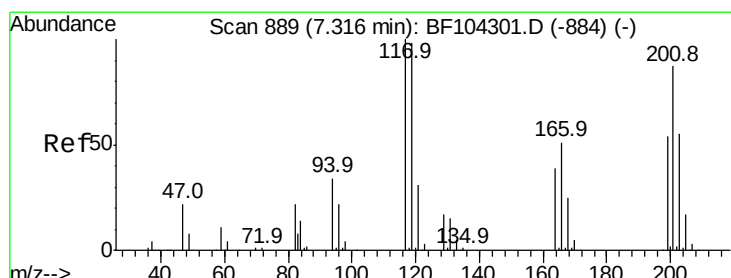
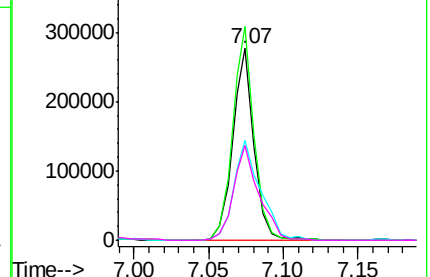
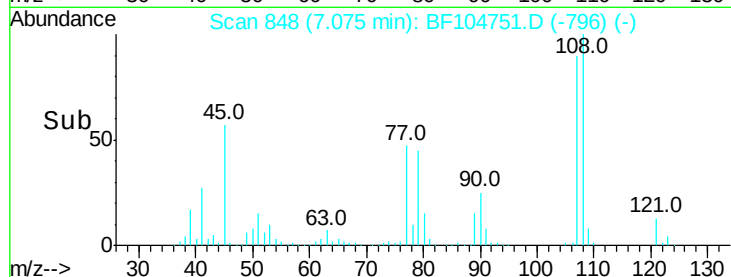


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.507 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

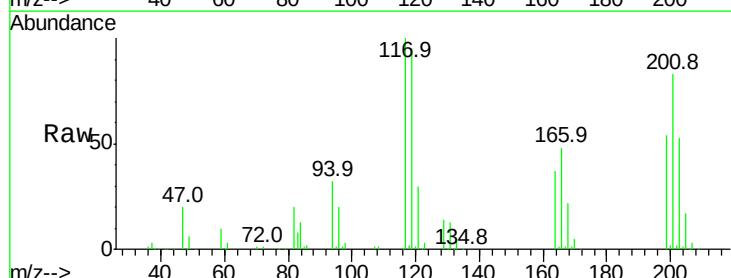
Tgt Ion:117 Resp: 134866

Ion Ratio Lower Upper

117 100

119 94.9 75.8 113.8

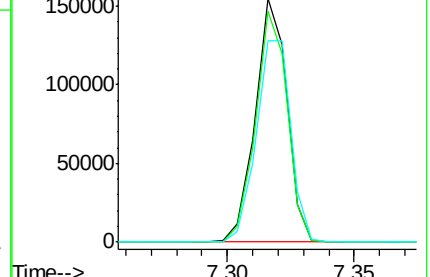
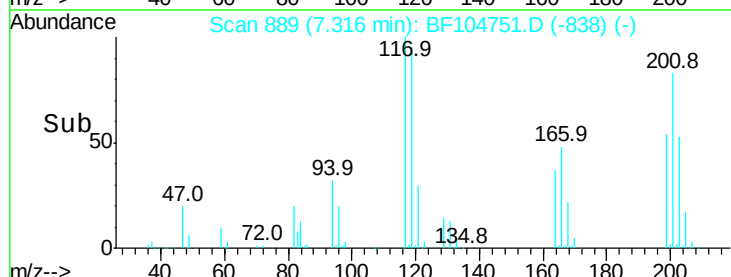
201 82.6 75.7 113.5

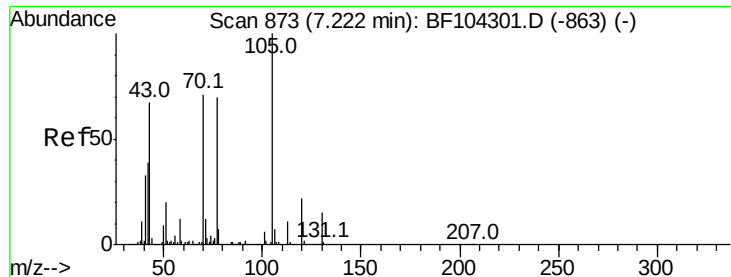


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

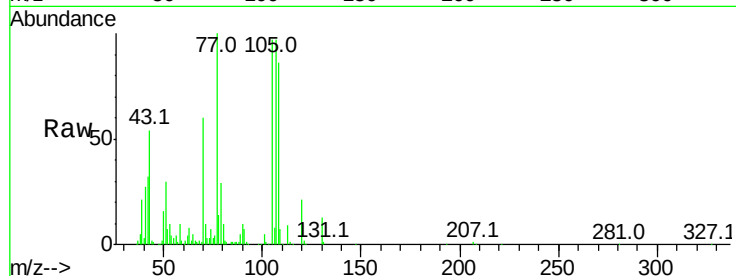




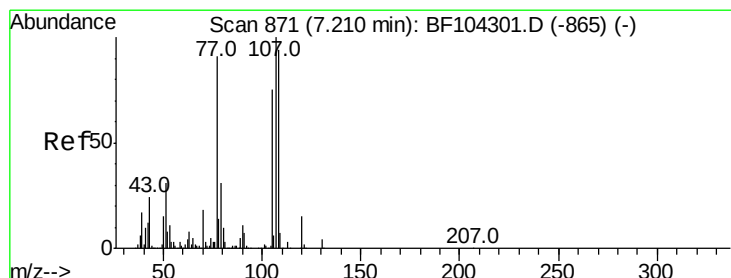
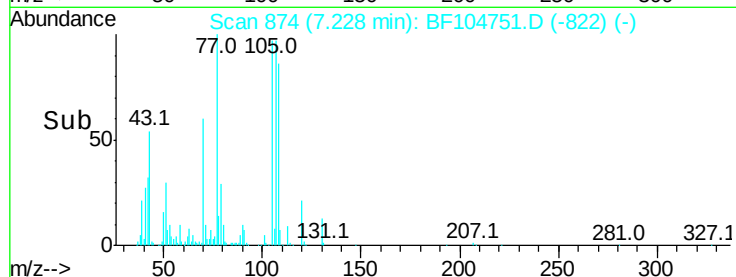
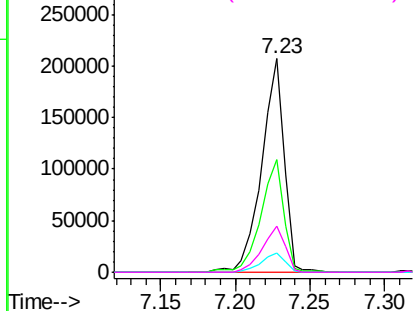
#19
n-Nitroso-di-n-propylamine
Concen: 33.250 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 214440
Ion Ratio Lower Upper
70 100
42 53.0 47.5 71.3
101 9.2 7.4 11.2
130 21.5 16.6 25.0

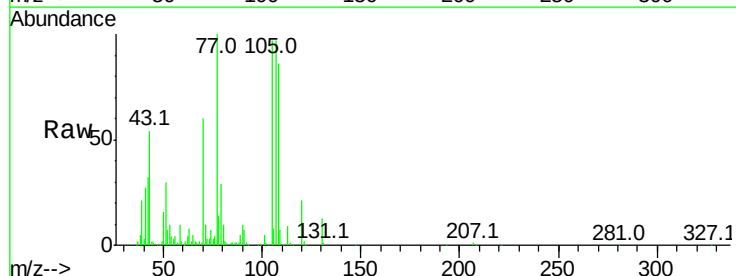


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

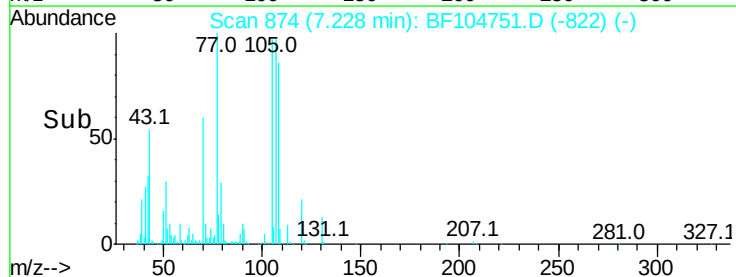
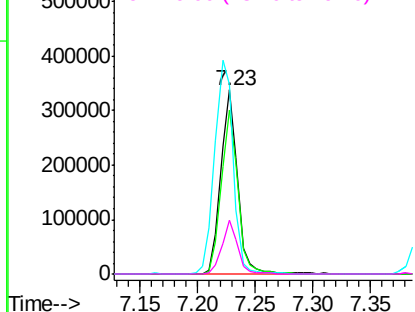


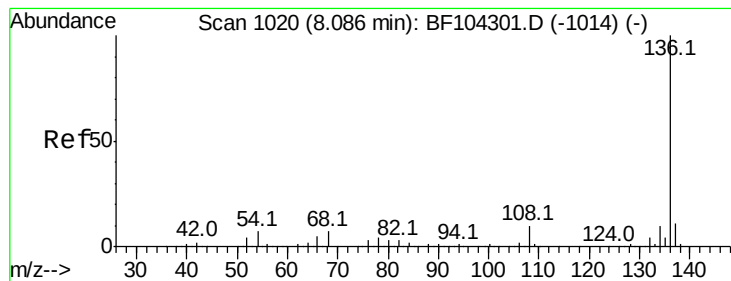
#20
3+4-Methylphenols
Concen: 36.970 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion: 107 Resp: 337918
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 102.8 26.7 66.7#
79 29.5 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 514098

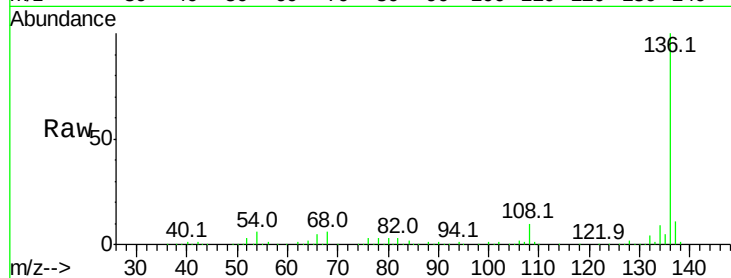
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.3 6.6 9.8#

68 5.6 5.0 7.4

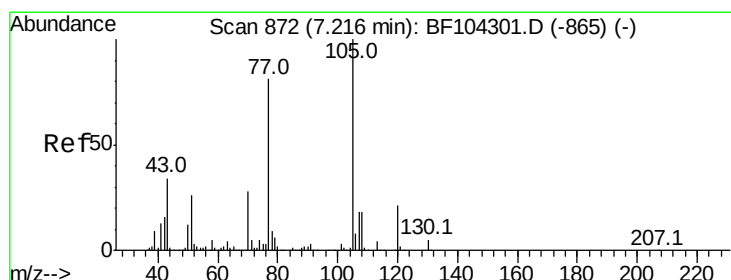
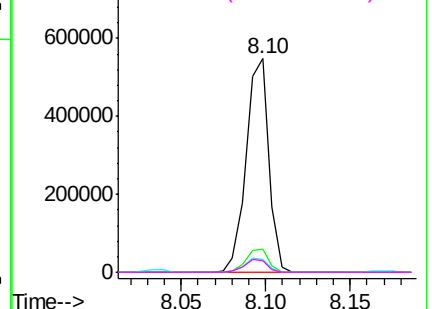
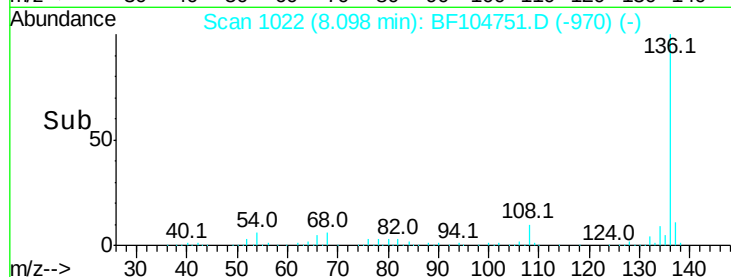


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.073 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Tgt Ion:105 Resp: 456574

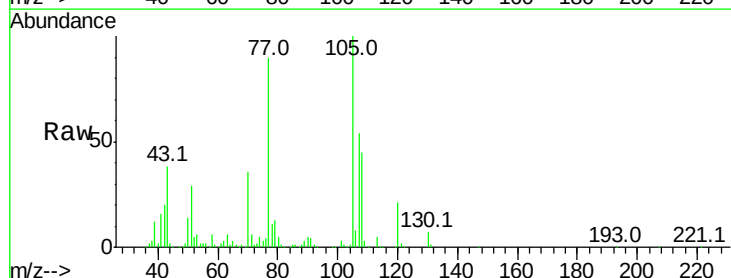
Ion Ratio Lower Upper

105 100

71 6.1 4.4 6.6

51 29.0 22.3 33.5

120 20.8 16.9 25.3

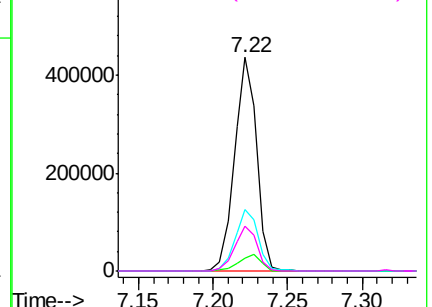
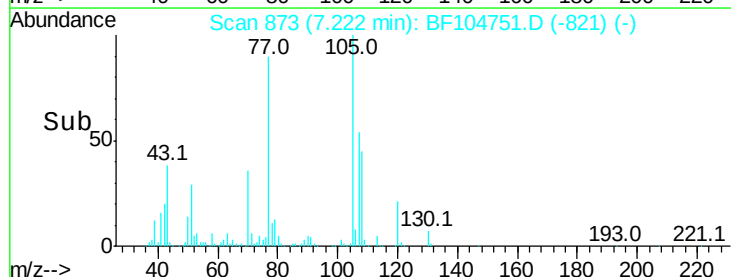


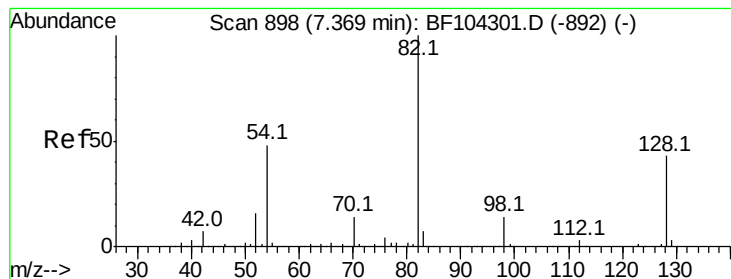
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.874 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

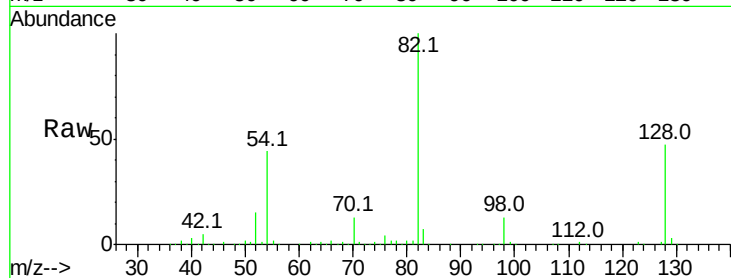
Tot Ion: 82 Resp: 660347

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

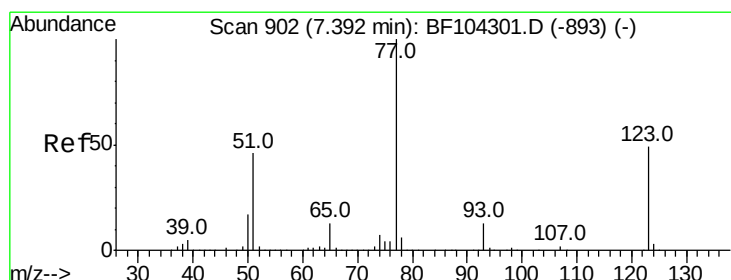
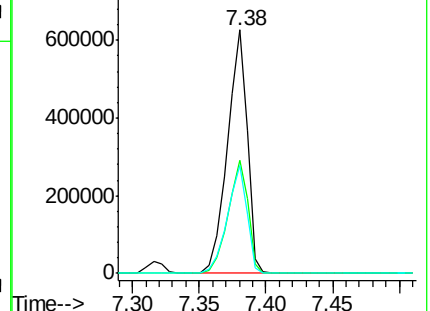
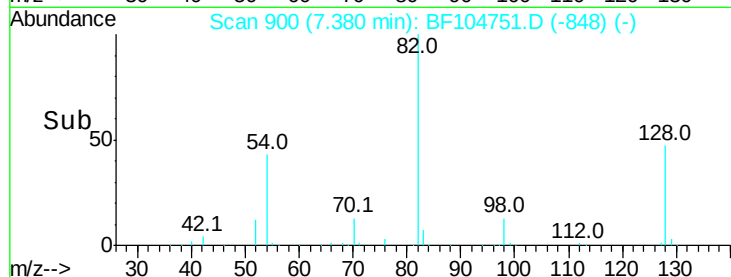
54 44.3 41.4 62.2



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: 39.848 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

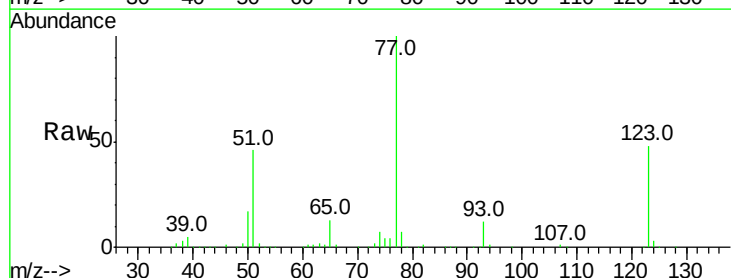
Tgt Ion: 77 Resp: 346377

Ion Ratio Lower Upper

77 100

123 48.3 37.9 56.9

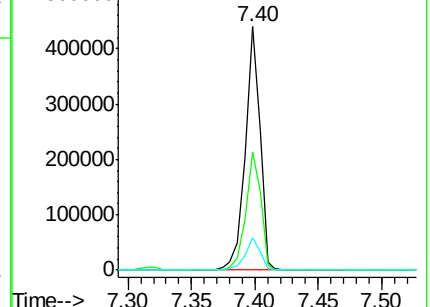
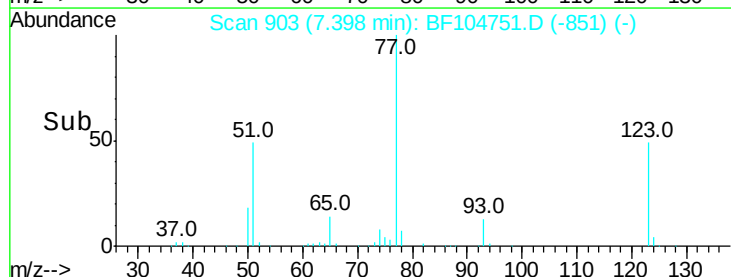
65 13.2 11.0 16.4

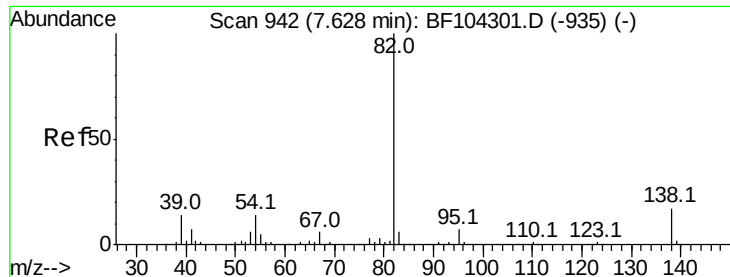


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.231 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

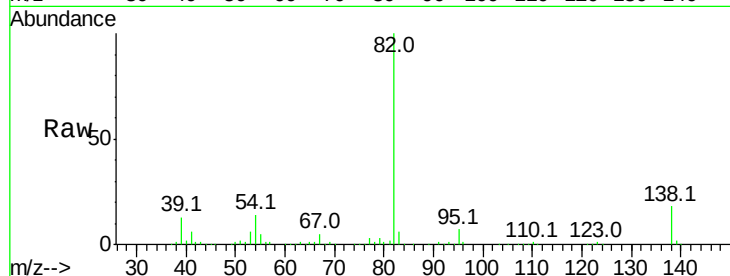
Tot Ion: 82 Resp: 586553

Ion Ratio Lower Upper

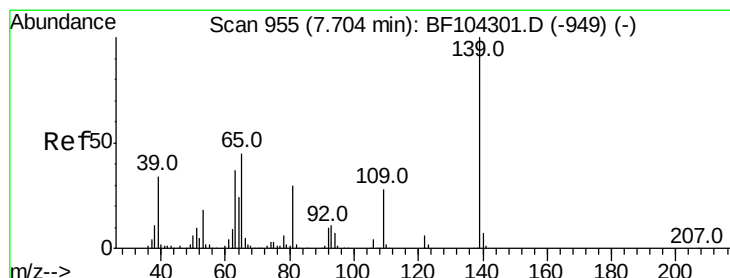
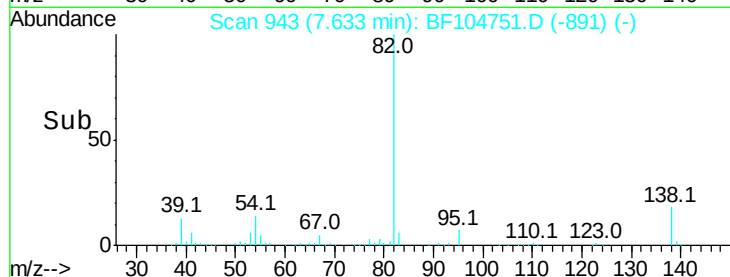
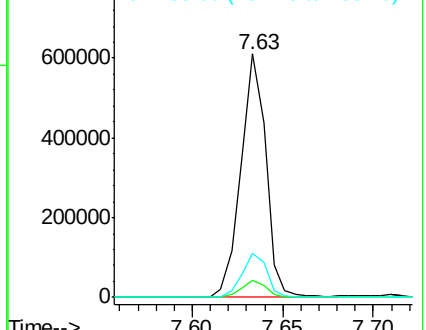
82 100

95 7.0 5.2 7.8

138 17.9 14.9 22.3



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



#26

2-Nitrophenol

Concen: 52.104 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

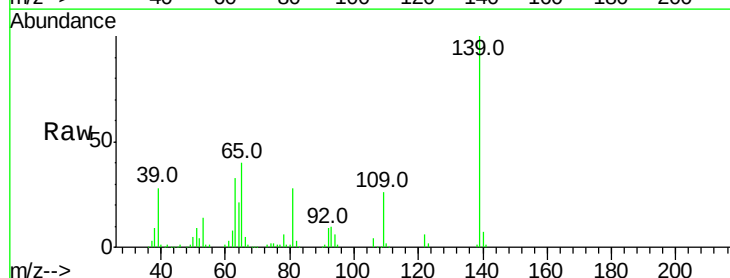
Tgt Ion: 139 Resp: 184380

Ion Ratio Lower Upper

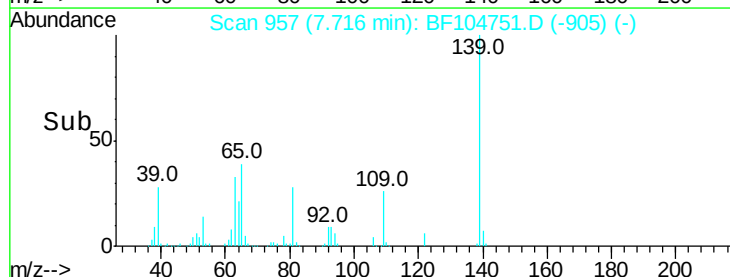
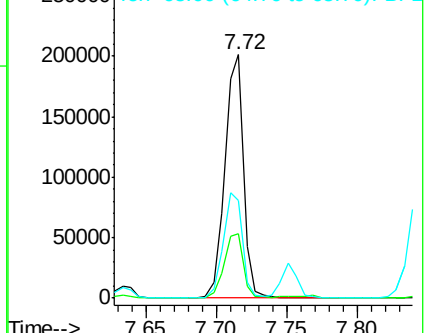
139 100

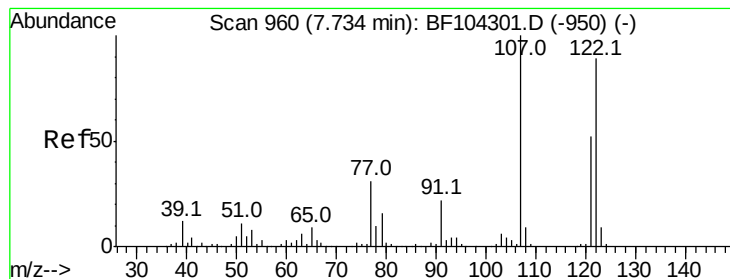
109 26.3 22.7 34.1

65 40.0 40.5 60.7#



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





#27

2,4-Dimethylphenol

Concen: 35.310 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

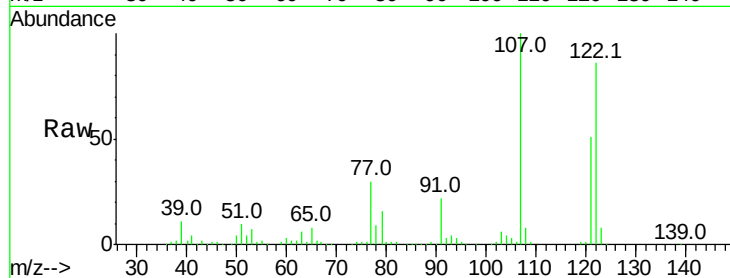
Tot Ion:122 Resp: 259448

Ion Ratio Lower Upper

122 100

107 115.6 91.2 136.8

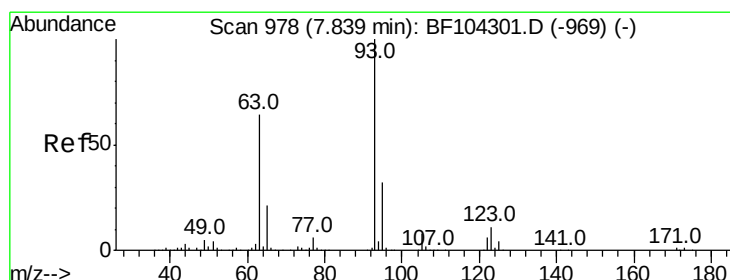
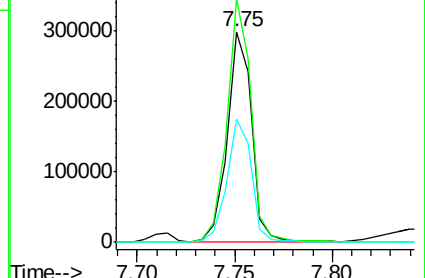
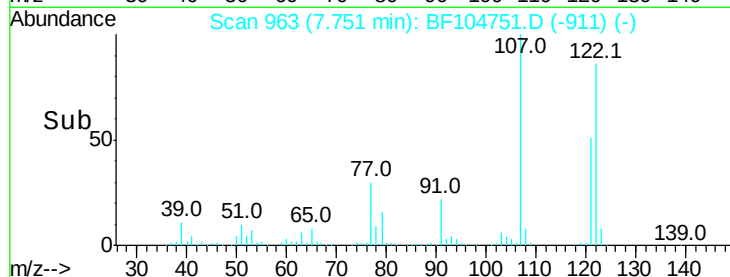
121 58.8 47.2 70.8



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: 36.470 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

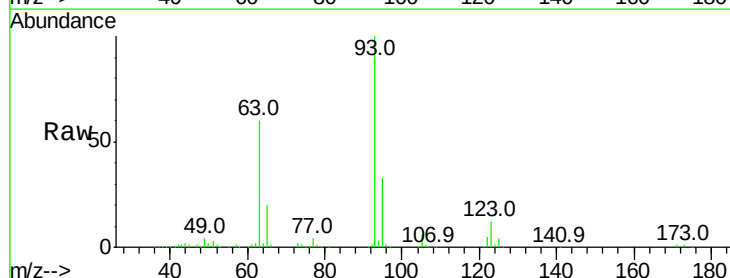
Tgt Ion: 93 Resp: 371237

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

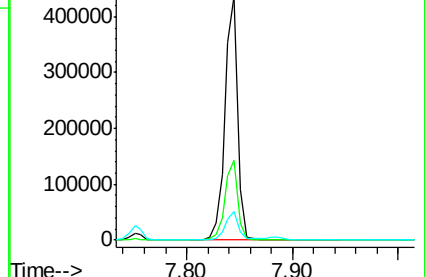
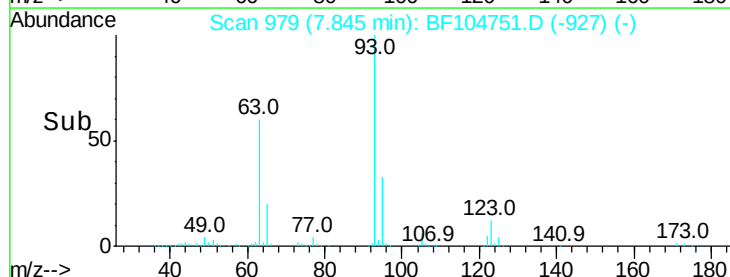
123 11.8 9.8 14.6

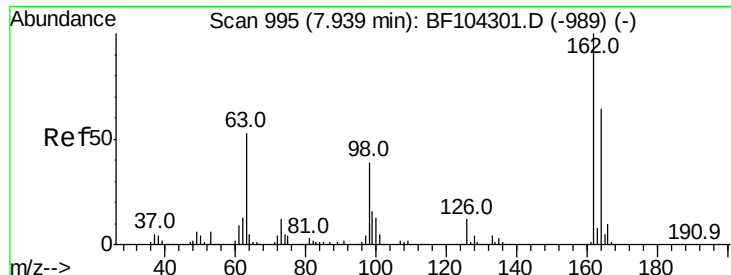


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.730 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

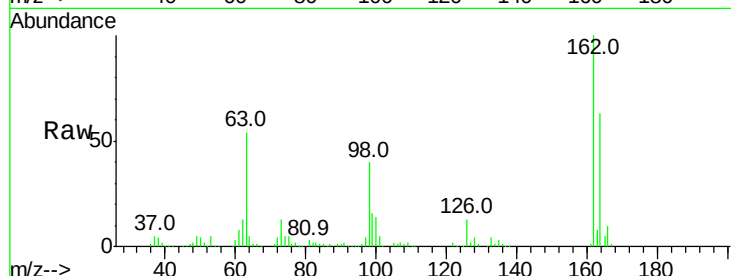
Tot Ion:162 Resp: 264515

Ion Ratio Lower Upper

162 100

164 63.5 42.7 82.7

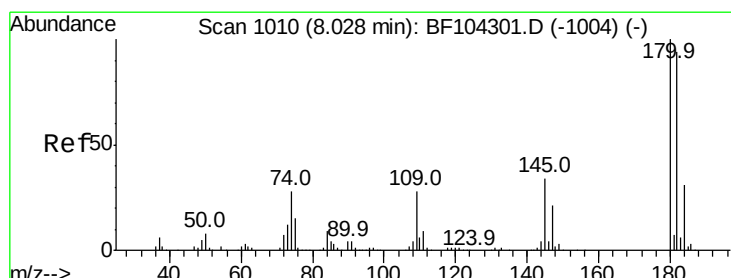
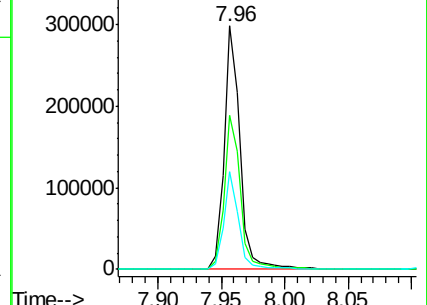
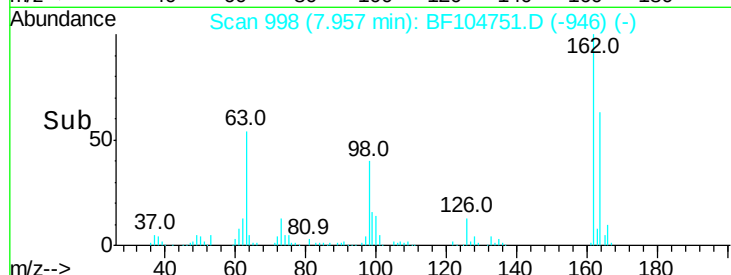
98 40.0 18.1 58.1



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: 38.128 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

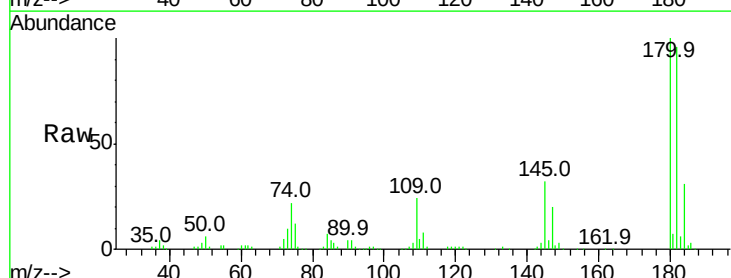
Tgt Ion:180 Resp: 293353

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

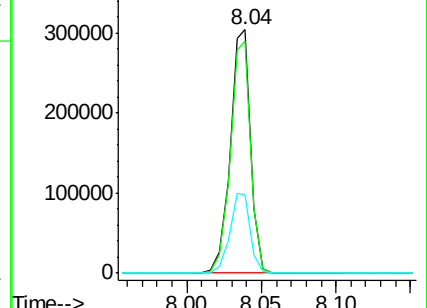
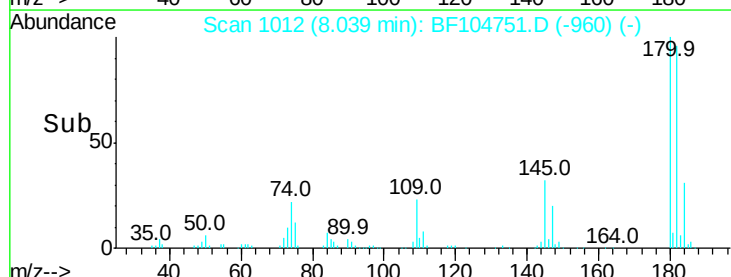
145 32.1 26.5 39.7

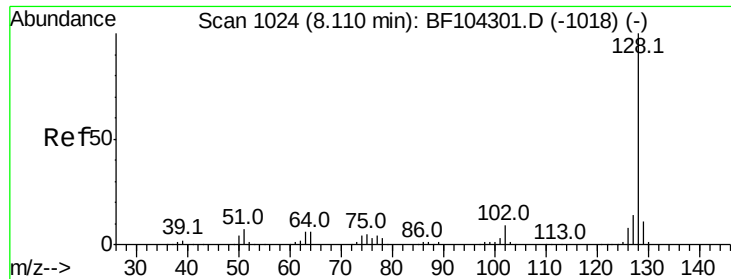


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.136 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

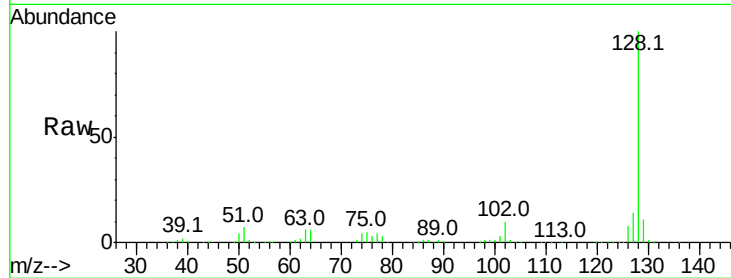
Tot Ion:128 Resp: 950655

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

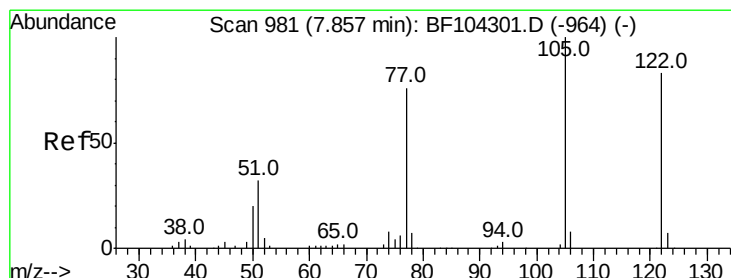
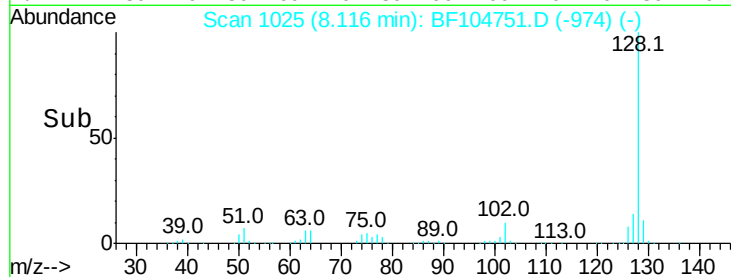
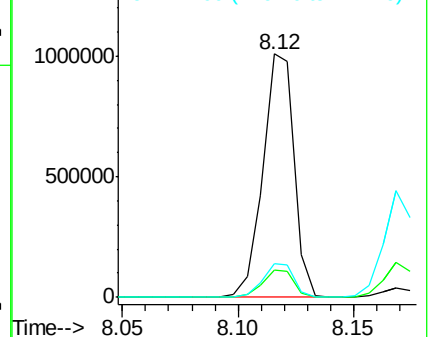
127 13.6 10.9 16.3



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: 29.122 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

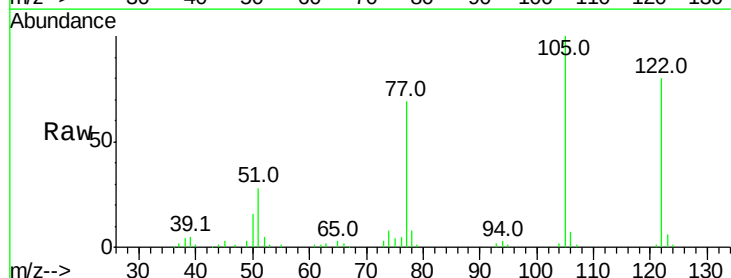
Tgt Ion:122 Resp: 170730

Ion Ratio Lower Upper

122 100

105 125.7 101.1 141.1

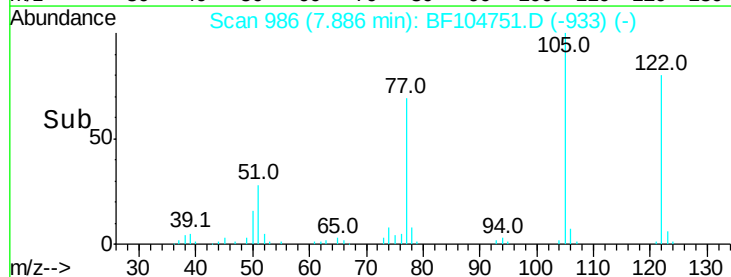
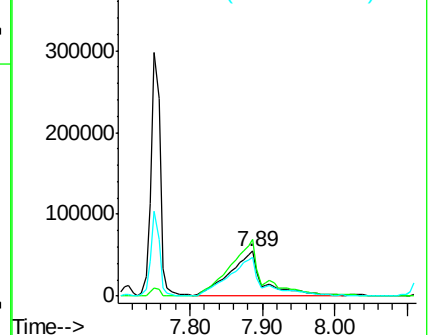
77 86.6 70.7 110.7

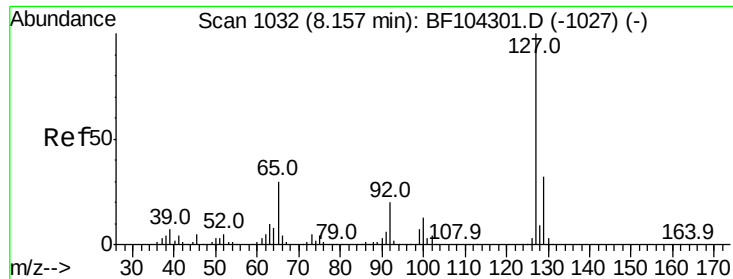


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

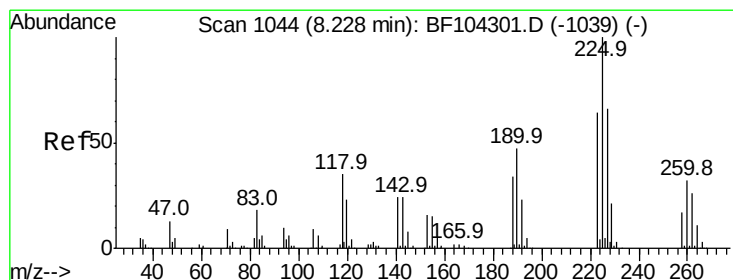
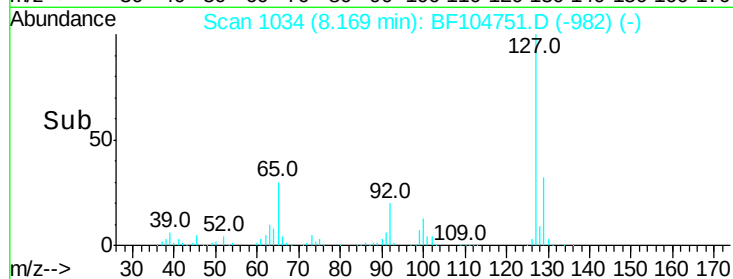
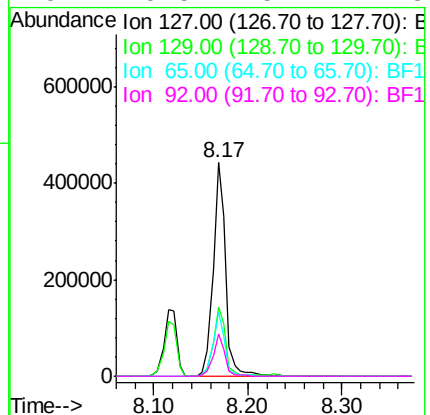
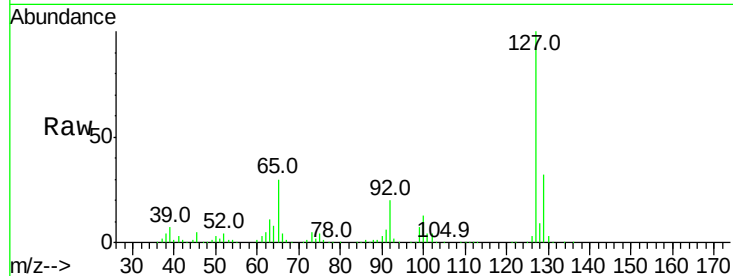




#33
4-Chloroaniline
Concen: 38.058 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

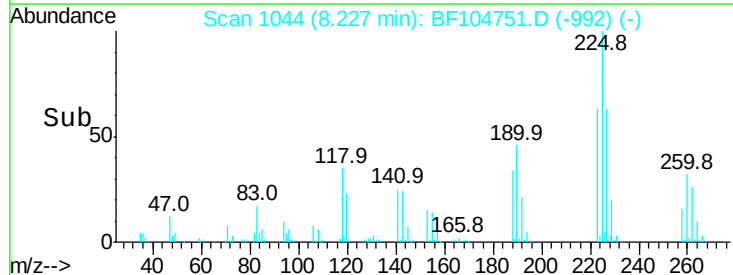
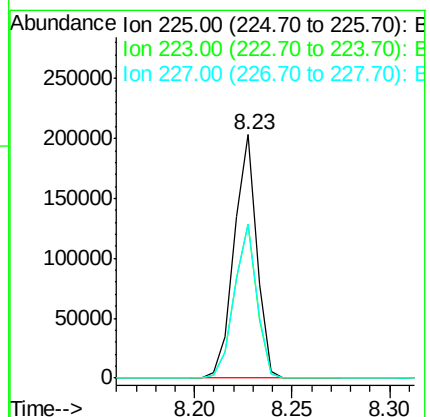
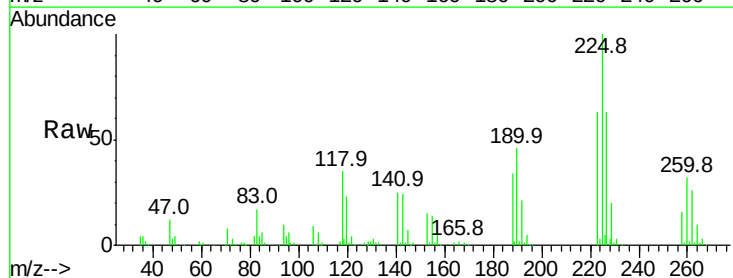
Instrument :
BNA_F
ClientSampleId :

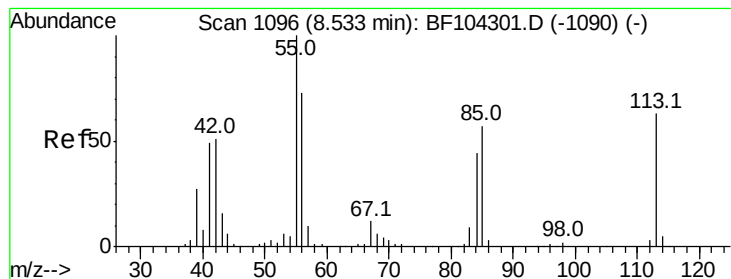
Tot Ion:	127	Resp:	417394
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.1	25.0	37.4
92	19.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.754 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion:	225	Resp:	163322
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.4	51.9	77.9





#35

Caprolactam

Concen: 36.656 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

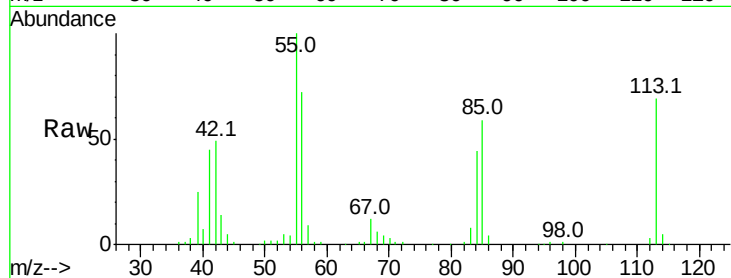
Tot Ion:113 Resp: 89649

Ion Ratio Lower Upper

113 100

55 144.4 163.3 203.3#

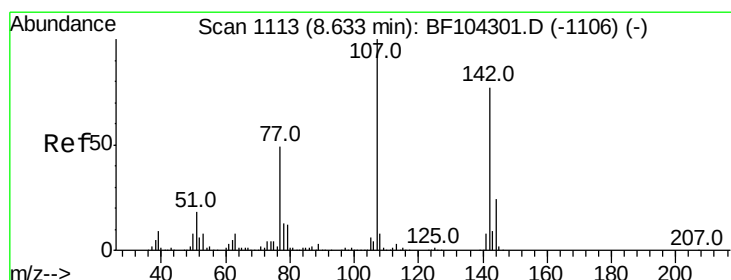
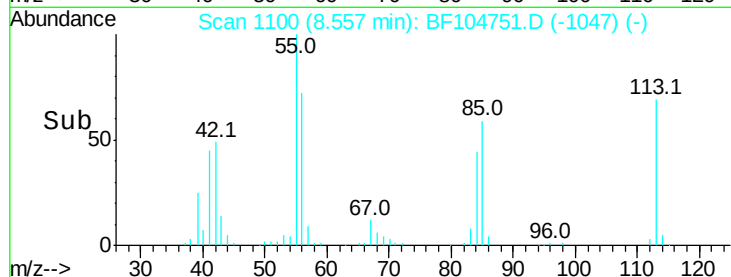
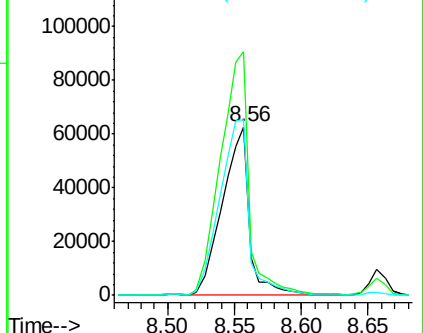
56 104.3 115.7 155.7#



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: 38.033 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

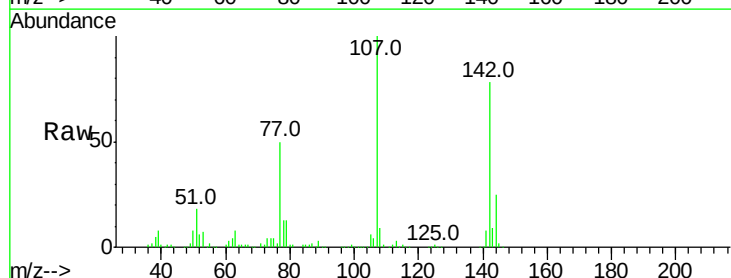
Tgt Ion:107 Resp: 285907

Ion Ratio Lower Upper

107 100

144 24.8 20.5 30.7

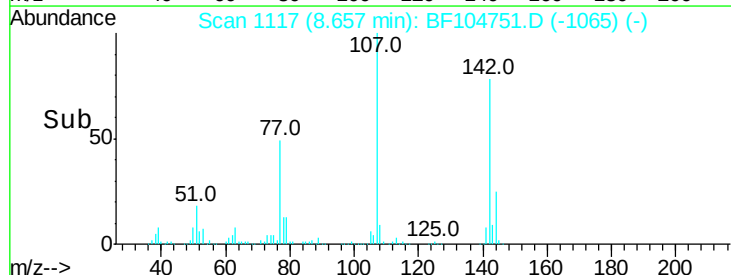
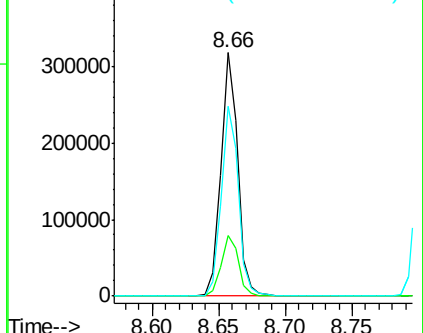
142 78.2 62.0 93.0

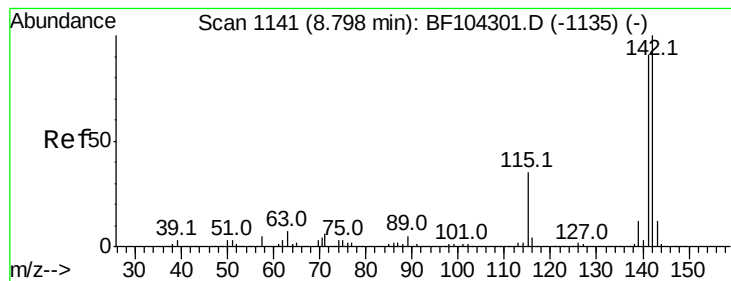


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.209 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

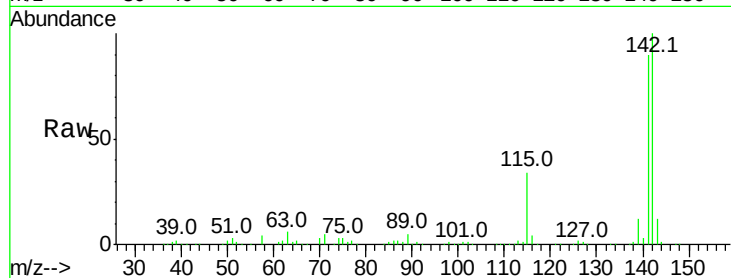
Tot Ion:142 Resp: 616135

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2

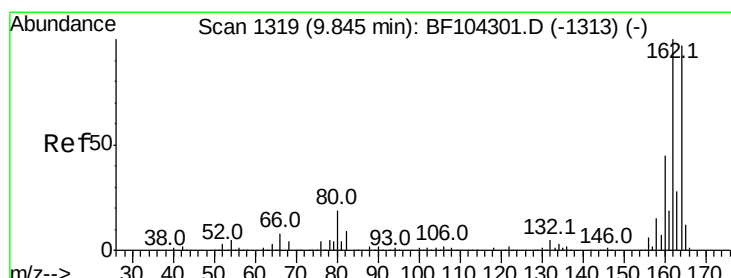
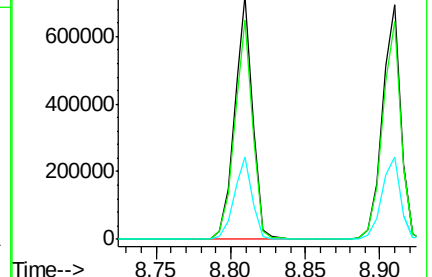
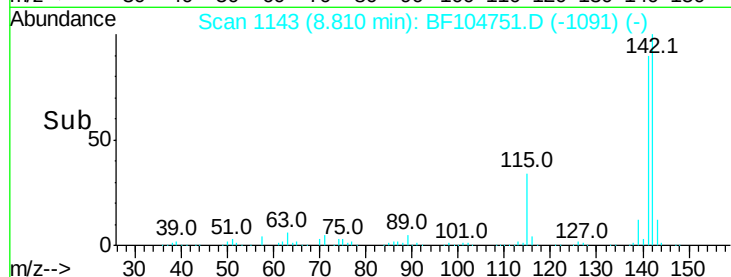
115 33.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

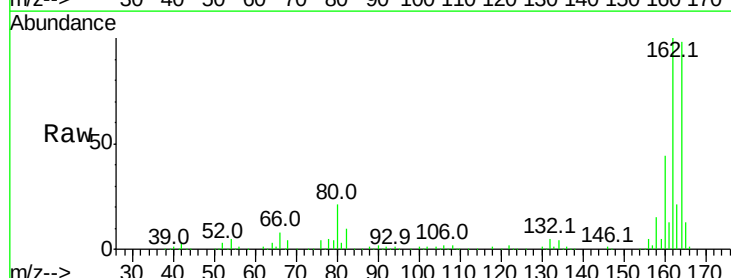
Tgt Ion:164 Resp: 238369

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

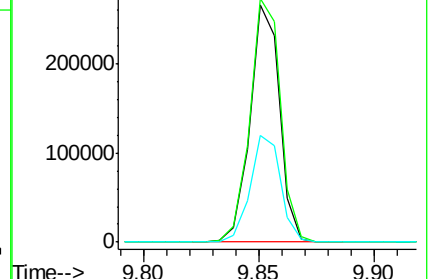
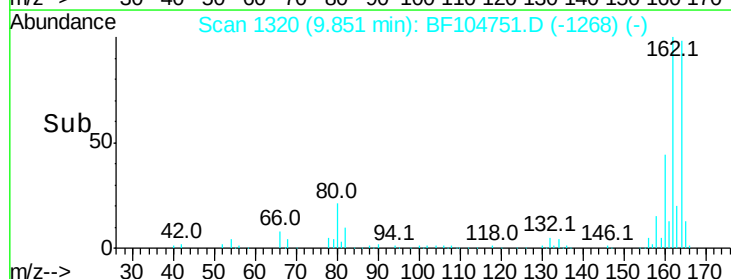
160 44.7 38.3 57.5

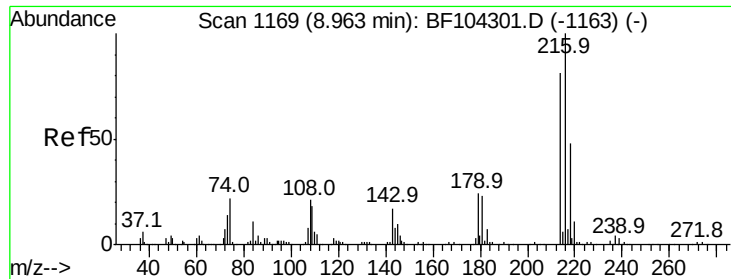


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

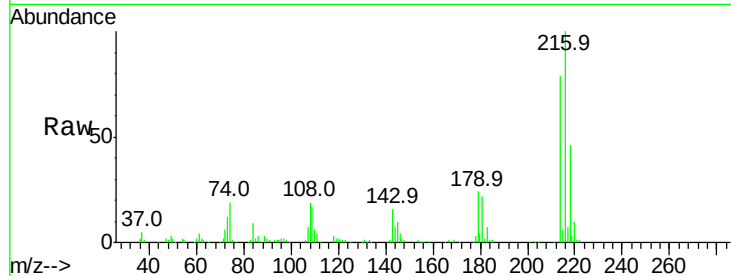




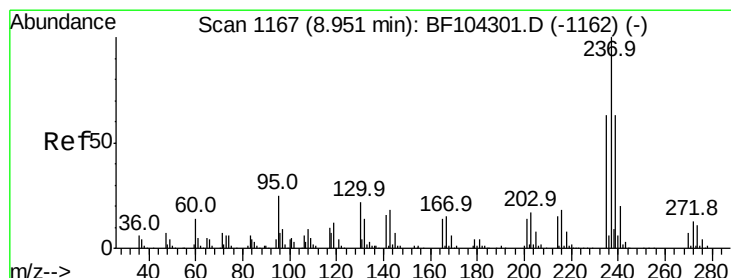
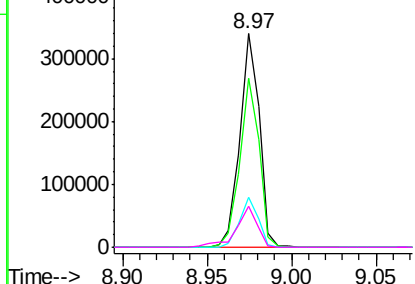
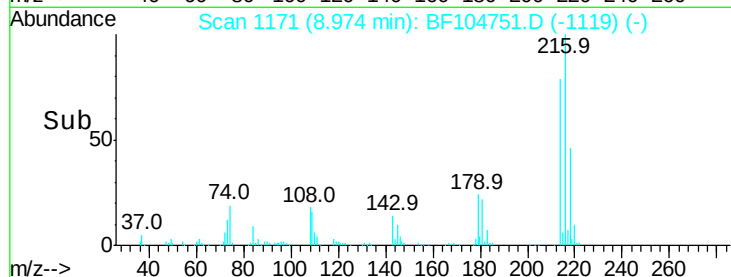
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.763 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	271320
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	22.6	18.1	27.1
108	20.6	17.2	25.8

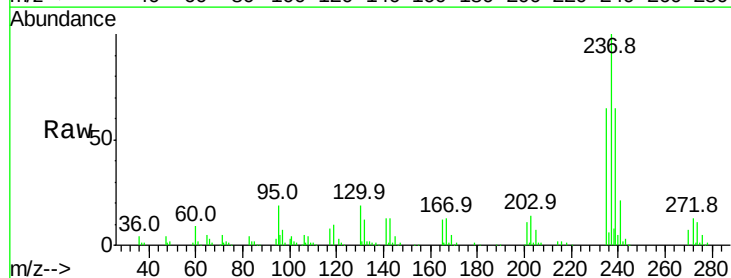


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

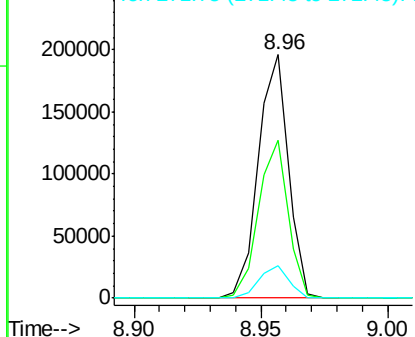
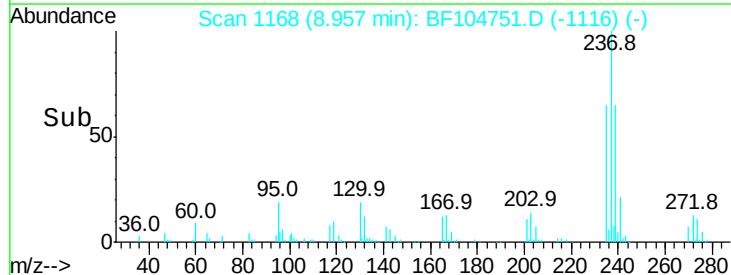


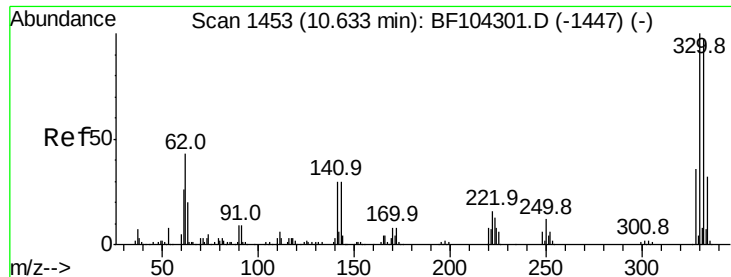
#40
 Hexachlorocyclopentadiene
 Concen: 42.882 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:	237	Resp:	163809
Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.8	84.8
272	13.4	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

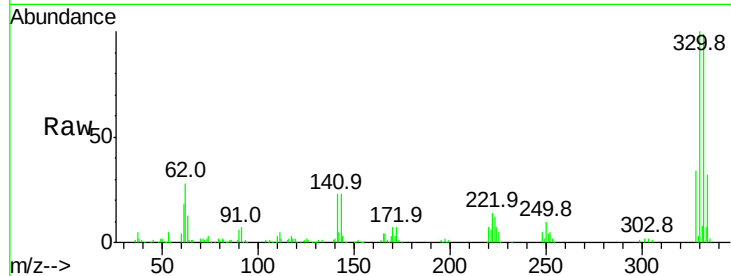




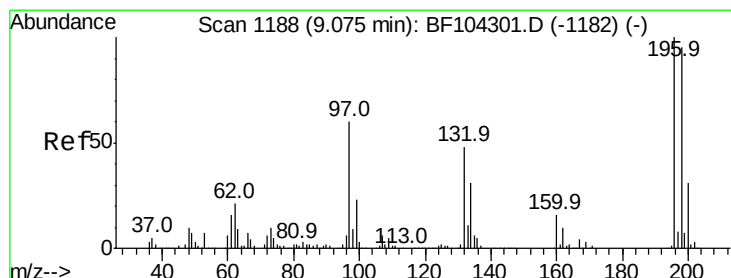
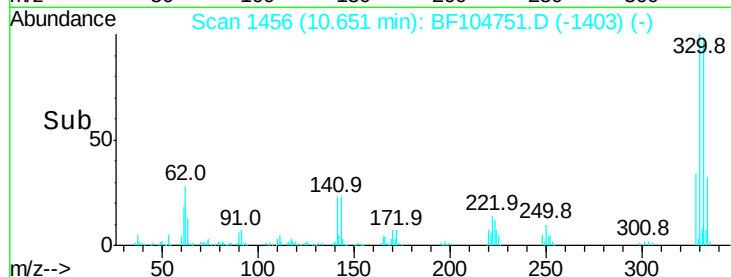
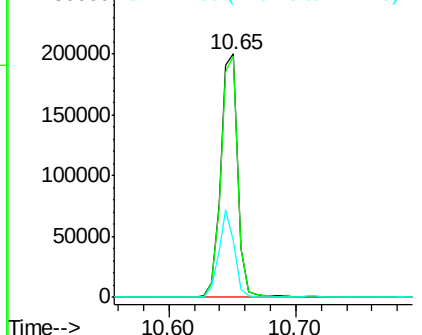
#41
 2,4,6-Tribromophenol
 Concen: 76.572 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 189338
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 33.1 29.9 44.9

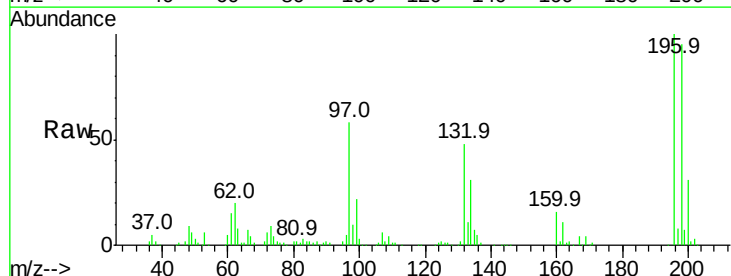


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

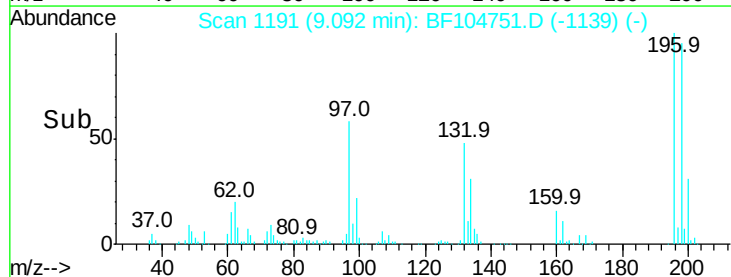
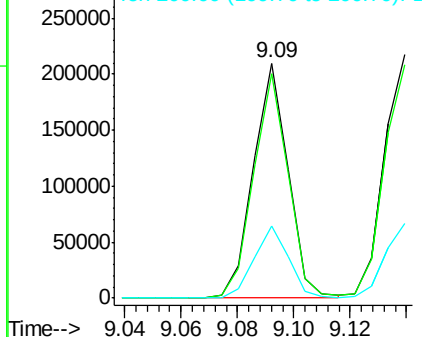


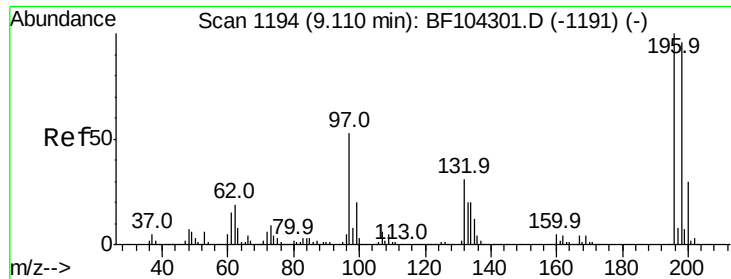
#42
 2,4,6-Trichlorophenol
 Concen: 37.745 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:196 Resp: 178787
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 31.0 24.5 36.7



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

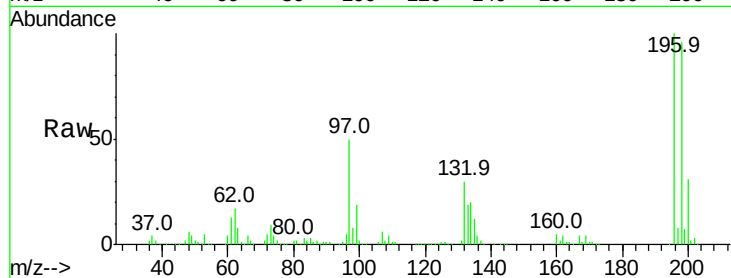




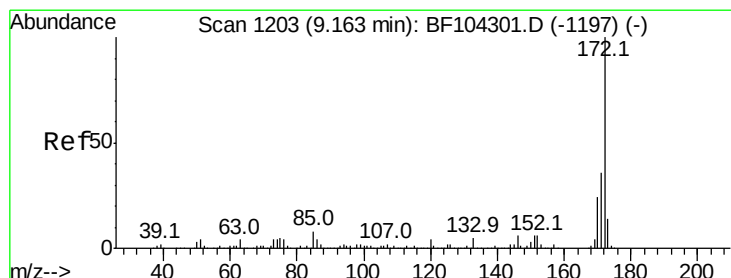
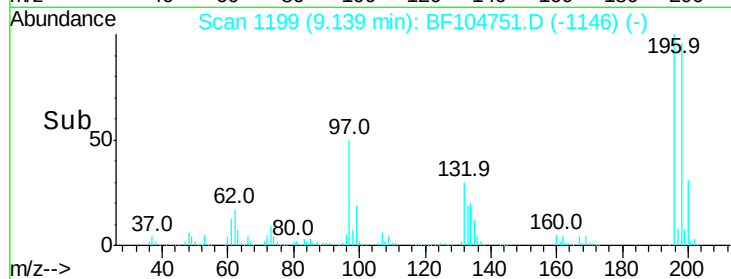
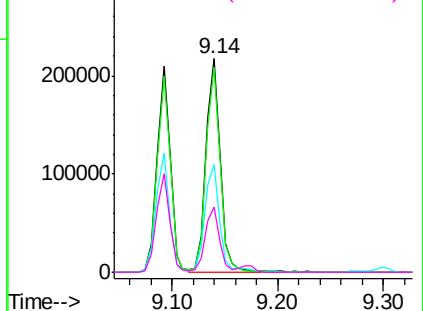
#43
 2,4,5-Trichlorophenol
 Concen: 38.472 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	203923
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	50.2	42.9	64.3
132	30.3	26.3	39.5

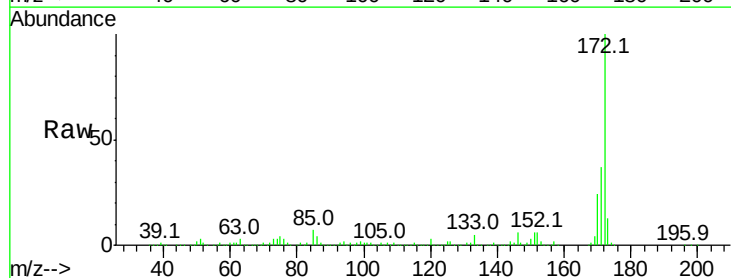


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

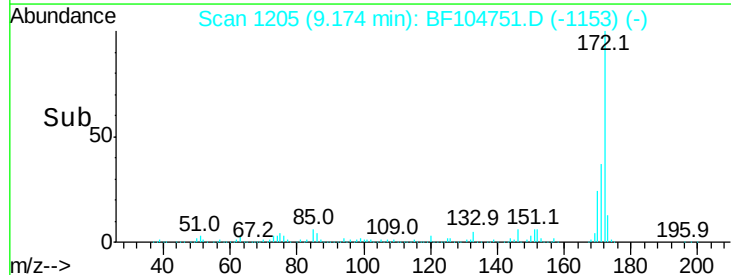
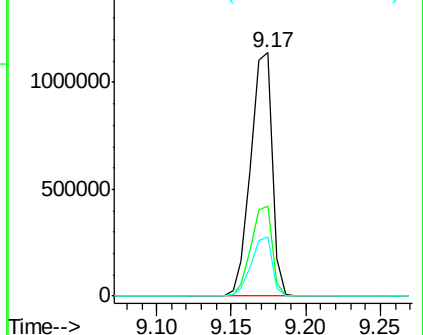


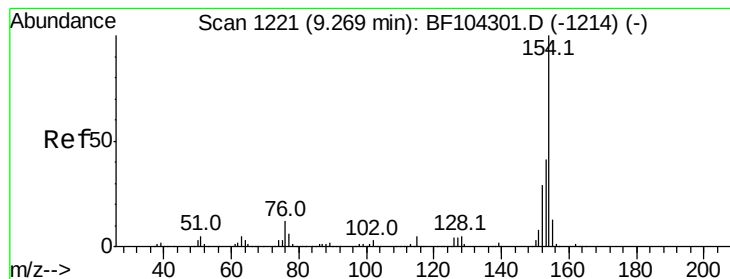
#44
 2-Fluorobiphenyl
 Concen: 74.911 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:	172	Resp:	1130339
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 37.786 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

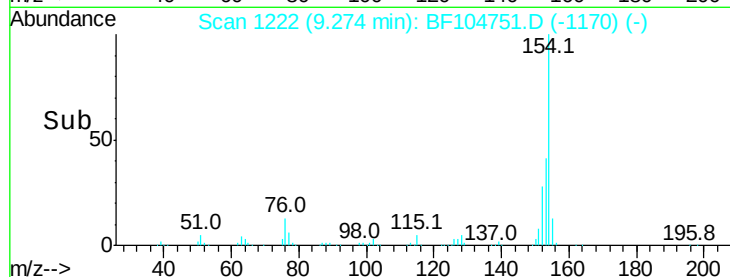
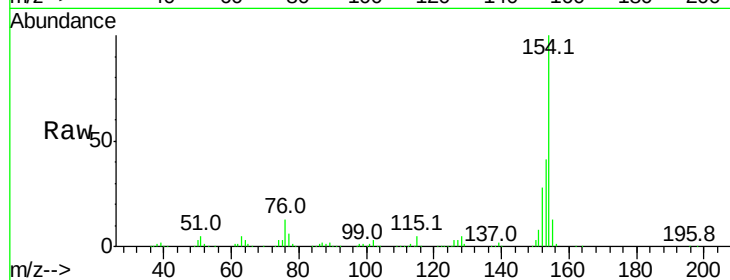
Tot Ion:154 Resp: 756649

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

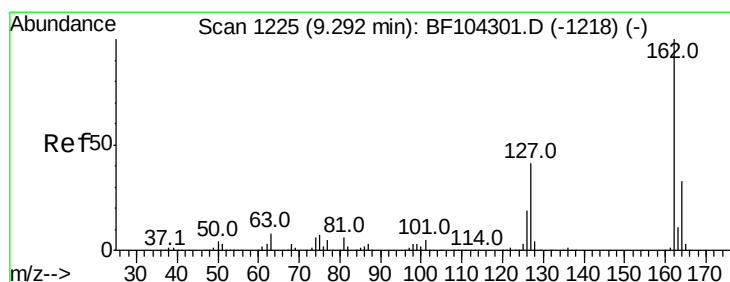
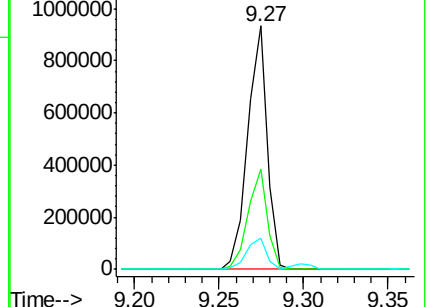
76 12.6 0.0 34.0



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: 37.884 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

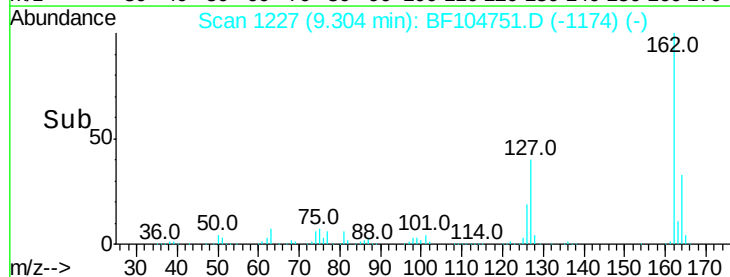
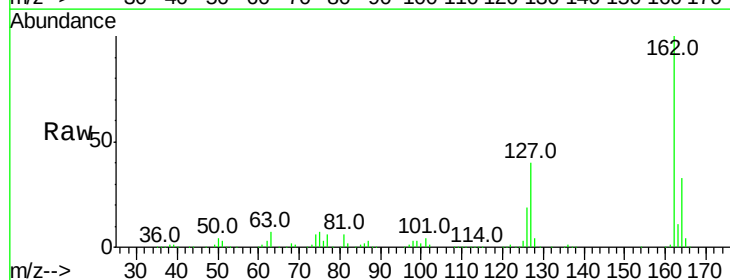
Tgt Ion:162 Resp: 599216

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

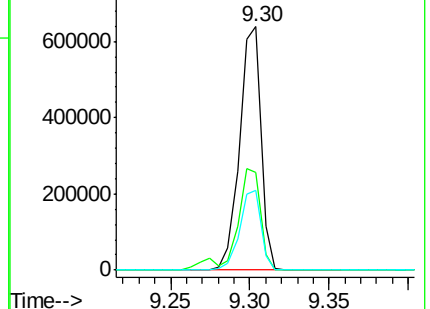
164 33.0 26.5 39.7

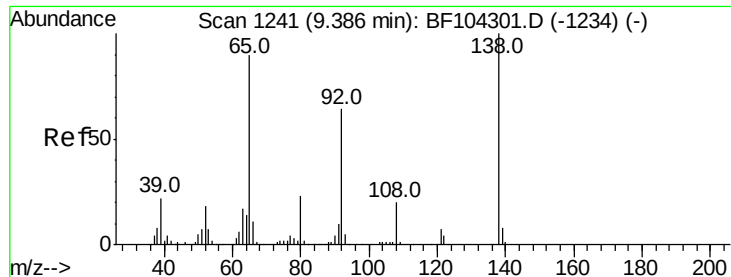


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.552 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

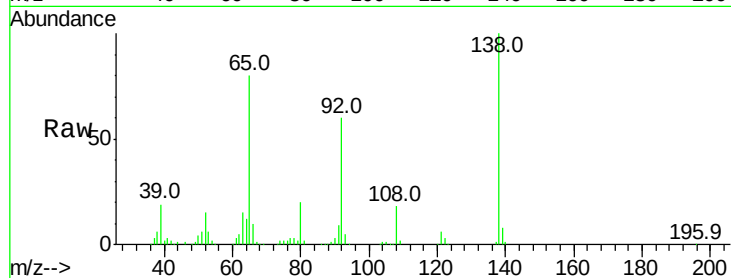
Tot Ion: 65 Resp: 182088

Ion Ratio Lower Upper

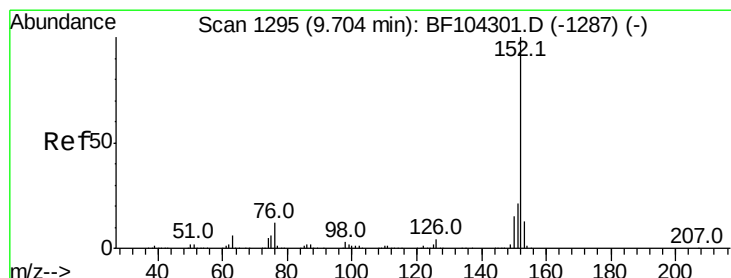
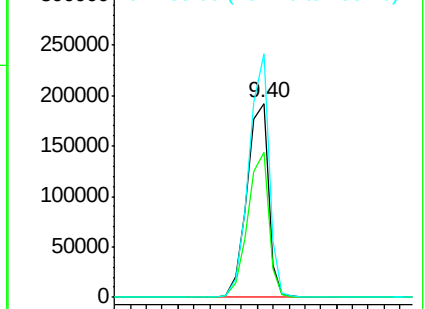
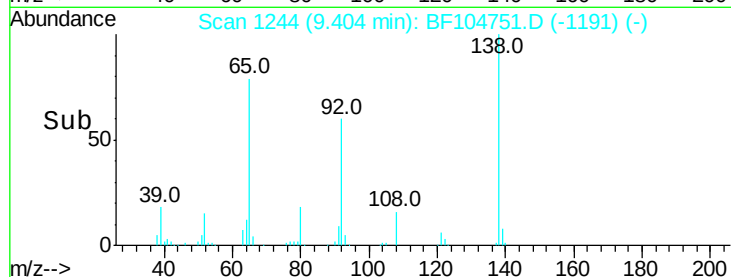
65 100

92 75.1 55.8 83.6

138 125.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 36.594 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

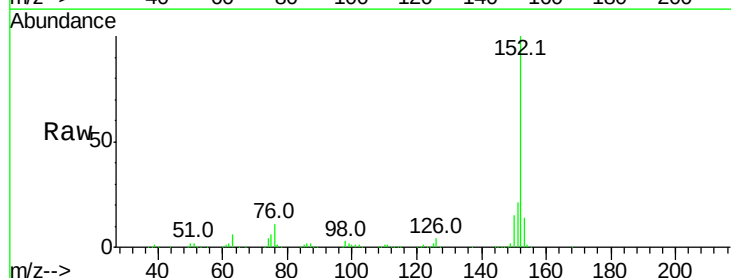
Tgt Ion: 152 Resp: 908129

Ion Ratio Lower Upper

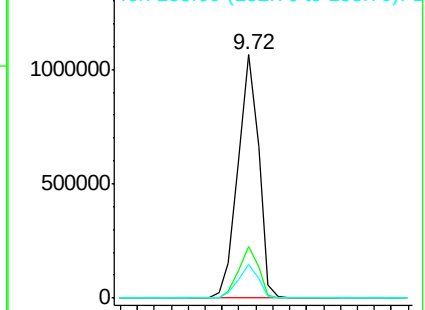
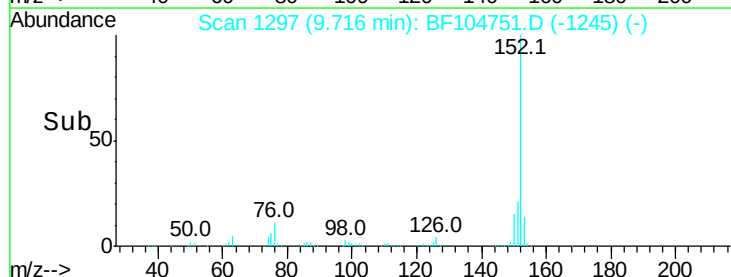
152 100

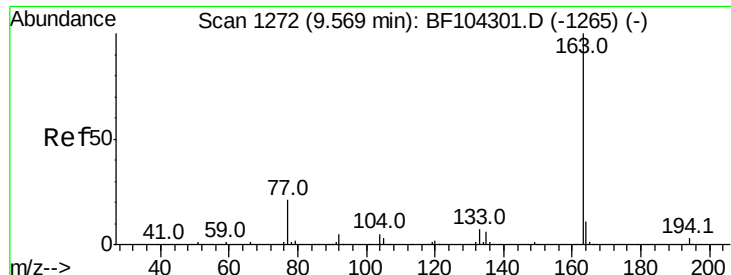
151 21.0 16.3 24.5

153 13.7 10.7 16.1



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

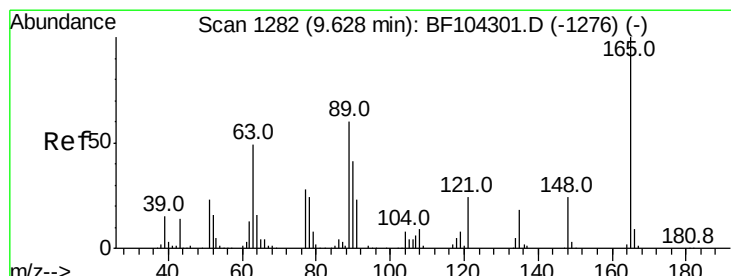
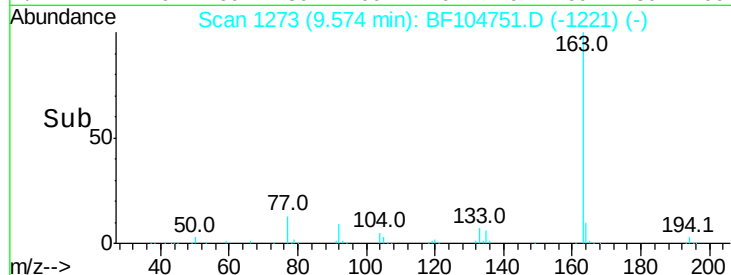
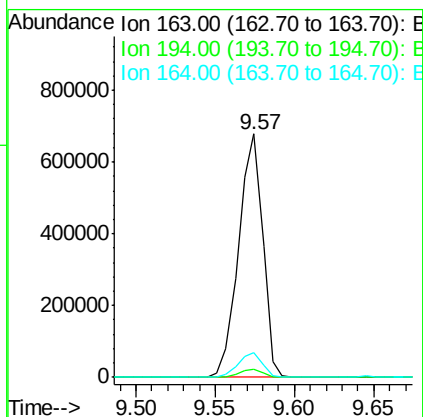
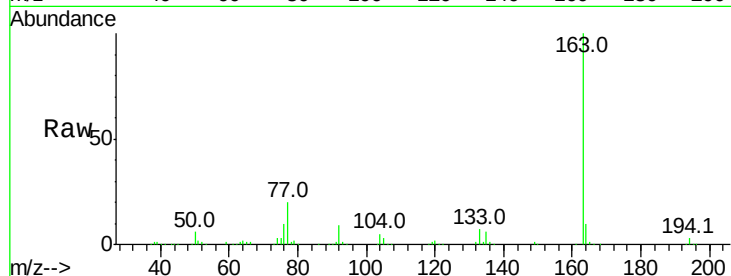




#49
Dimethylphthalate
Concen: 37.836 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

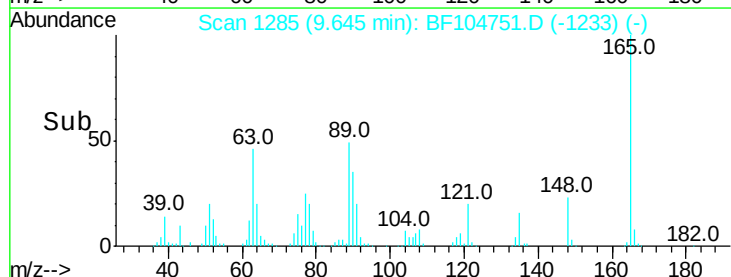
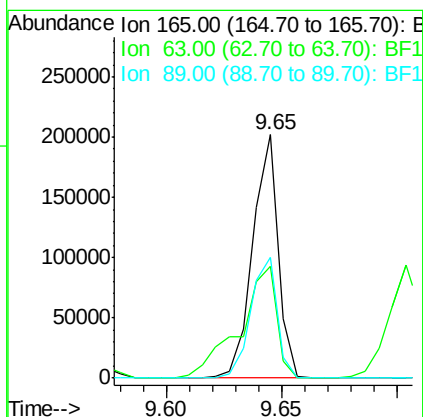
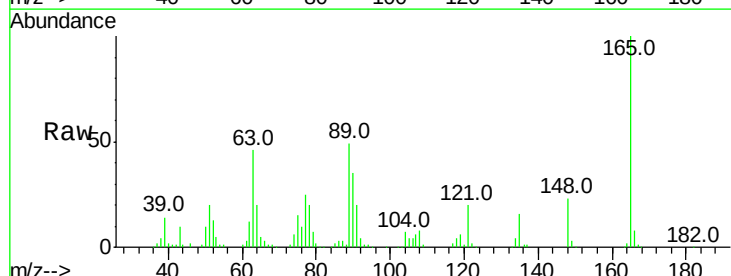
Instrument :
BNA_F
ClientSampleId :

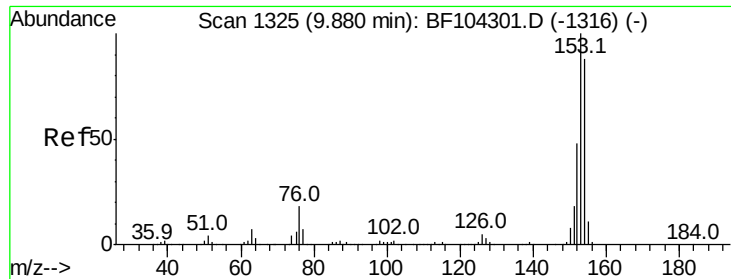
Tot Ion:163 Resp: 711205
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 44.831 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion:165 Resp: 155931
Ion Ratio Lower Upper
165 100
63 46.0 44.7 67.1
89 49.4 44.0 66.0





#51

Acenaphthene

Concen: 34.849 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

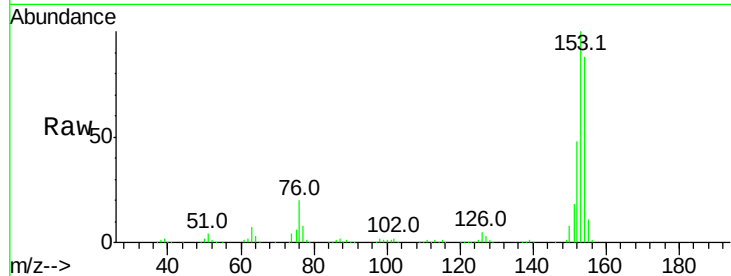
Tot Ion:154 Resp: 527659

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

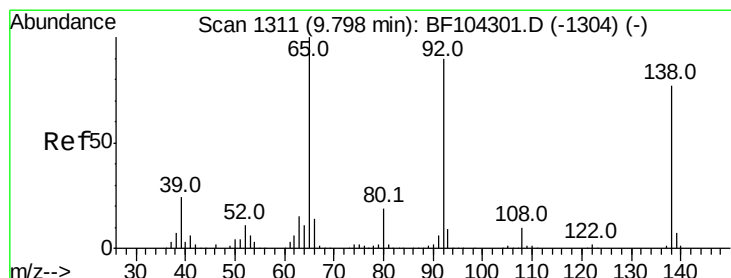
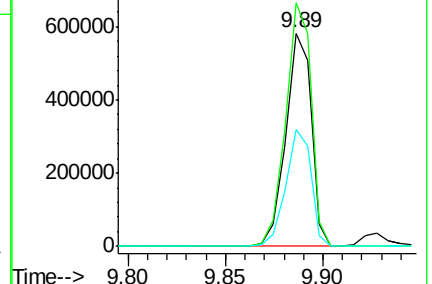
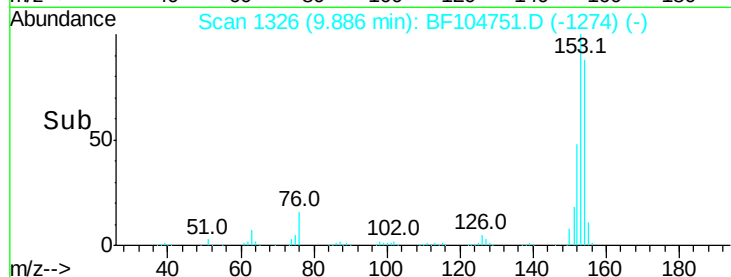
152 54.8 43.8 65.8



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: 44.717 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

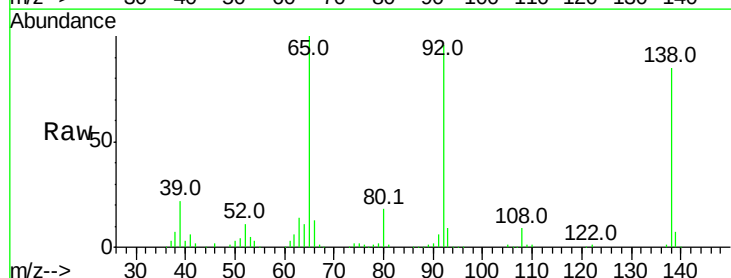
Tgt Ion:138 Resp: 182086

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

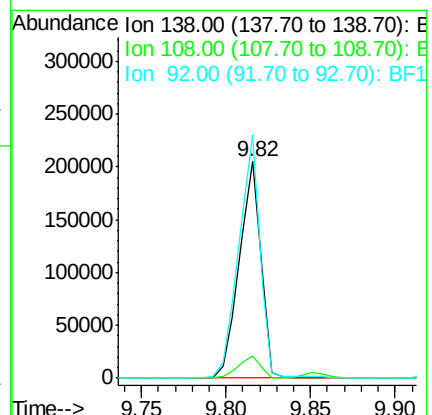
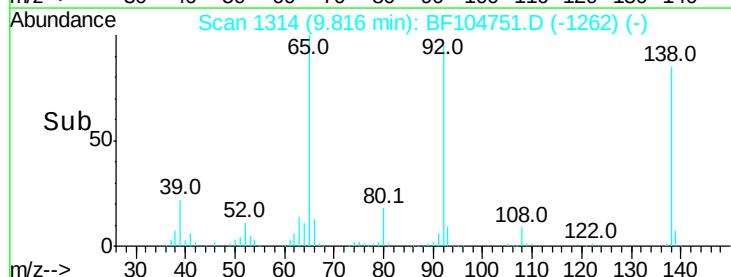
92 112.5 89.4 134.2

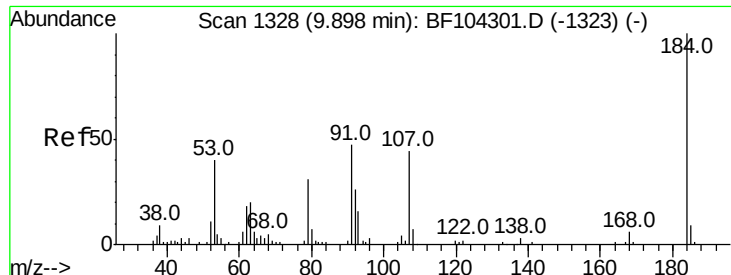


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

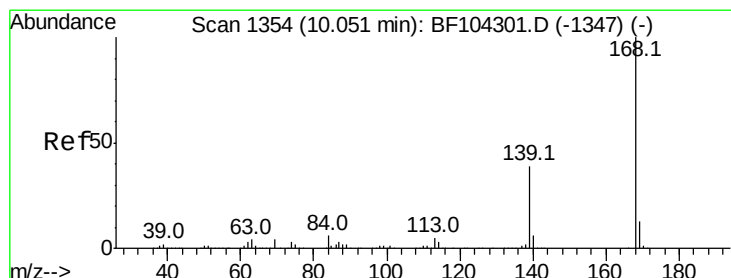
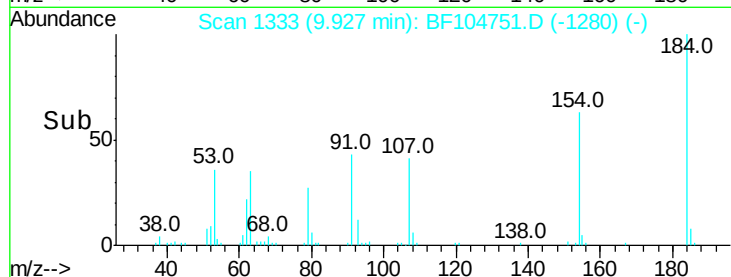
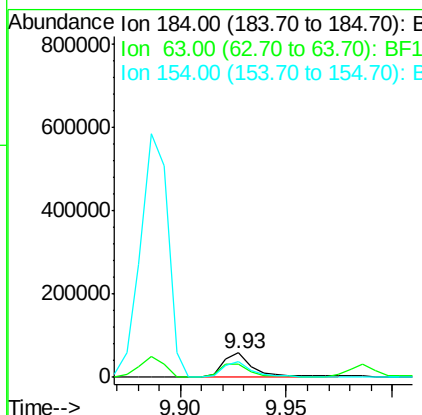
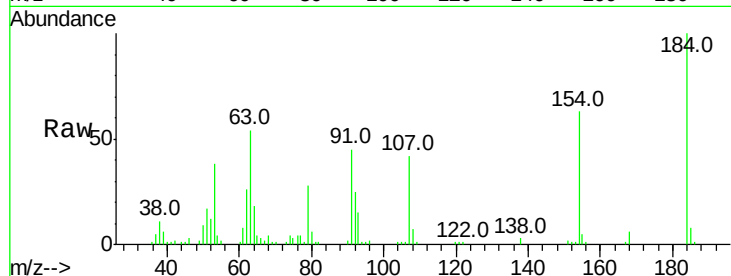




#53
 2,4-Dinitrophenol
 Concen: 50.074 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

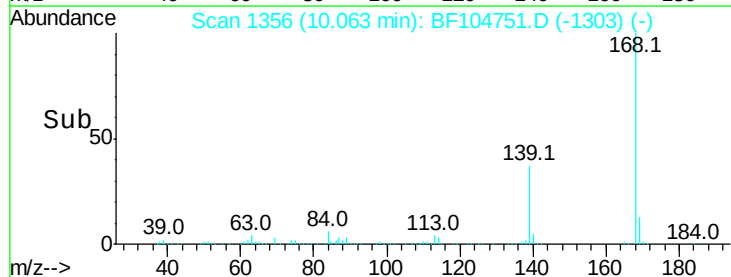
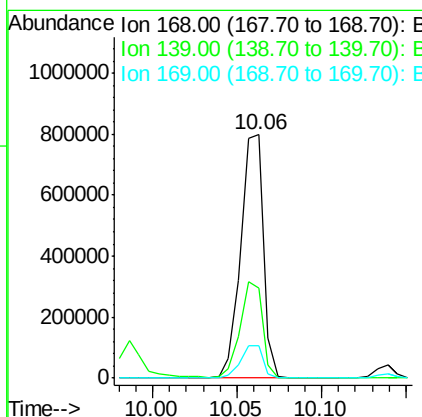
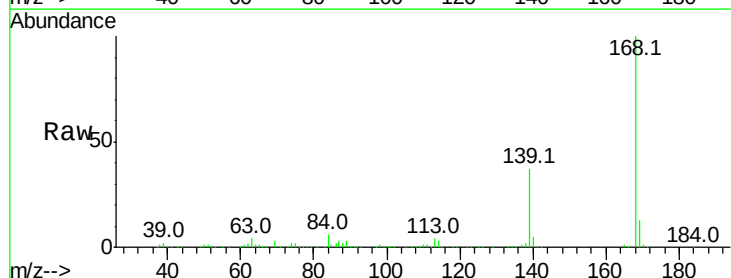
Instrument :
 BNA_F
 ClientSampleId :

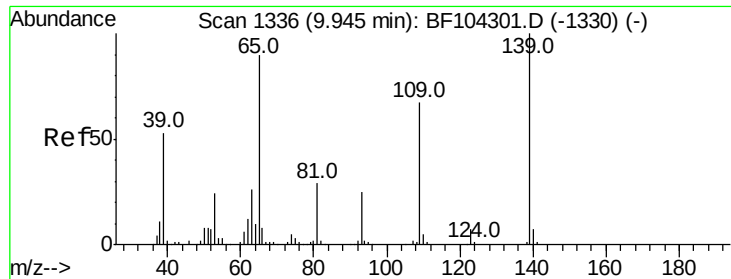
Tot Ion:184 Resp: 58399
 Ion Ratio Lower Upper
 184 100
 63 53.9 54.2 81.2#
 154 63.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 35.418 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:168 Resp: 747348
 Ion Ratio Lower Upper
 168 100
 139 37.0 30.1 45.1
 169 13.1 10.9 16.3

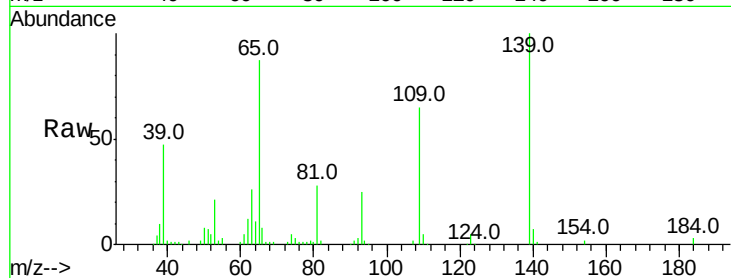




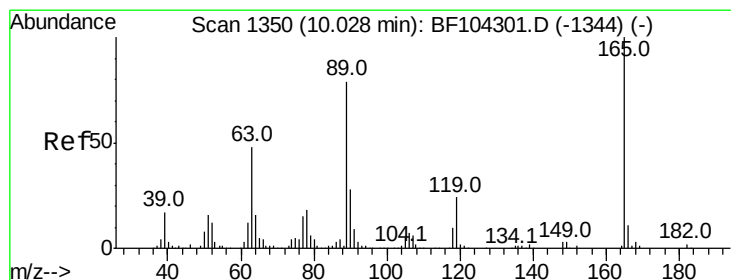
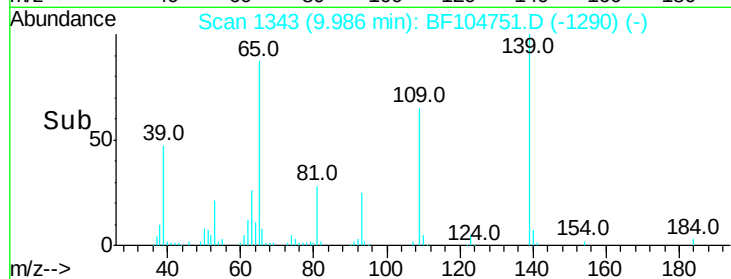
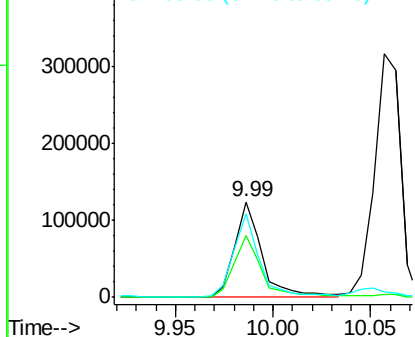
#55
4-Nitrophenol
Concen: 37.943 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 121368
Ion Ratio Lower Upper
139 100
109 65.0 48.4 88.4
65 87.3 72.6 112.6

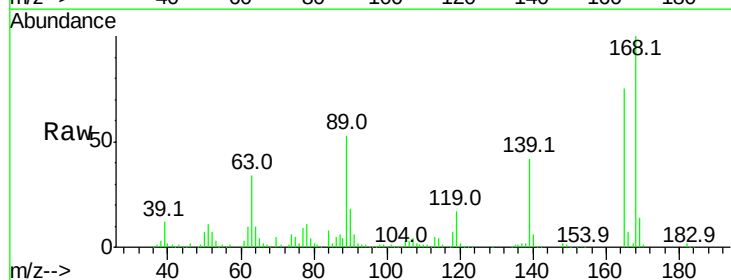


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

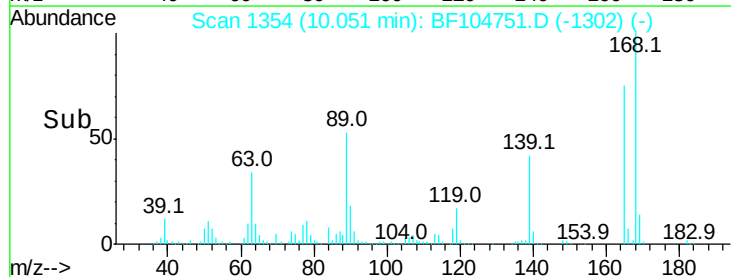
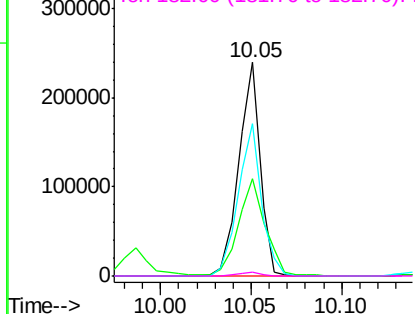


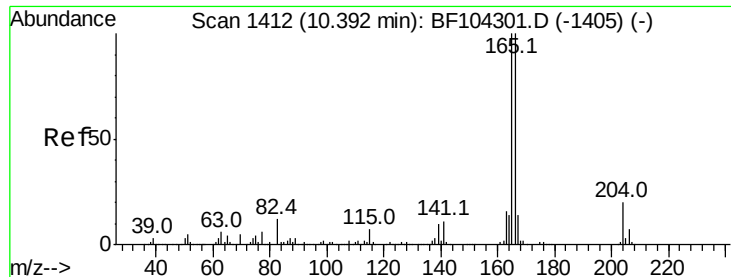
#56
2,4-Dinitrotoluene
Concen: 42.973 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion:165 Resp: 196060
Ion Ratio Lower Upper
165 100
63 45.6 36.4 54.6
89 71.3 57.8 86.6
182 2.1 1.6 2.4



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

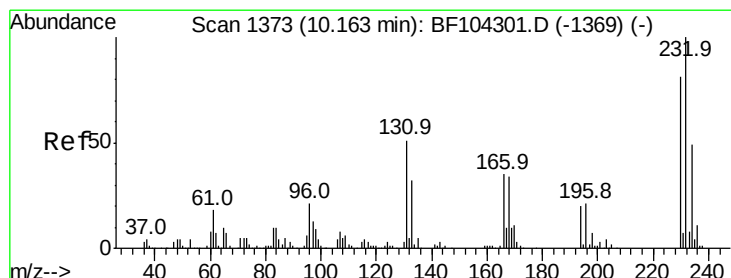
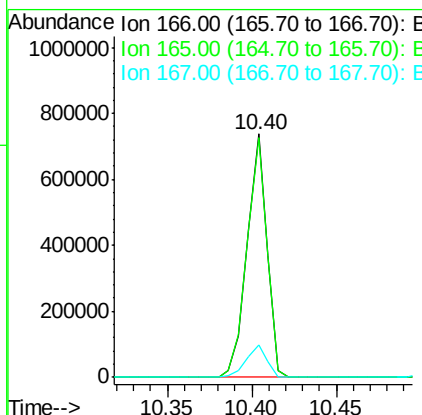
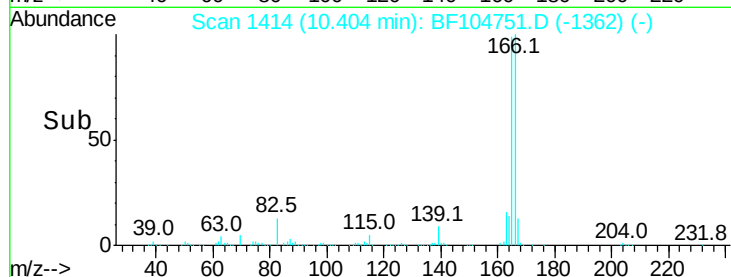
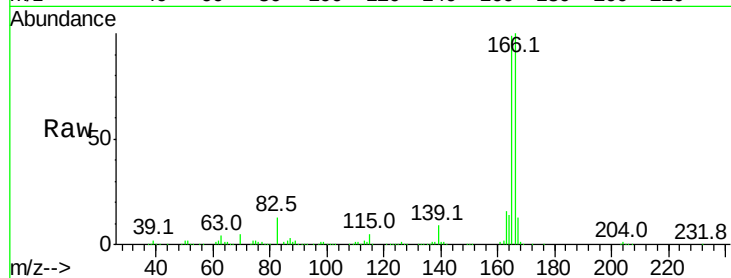




#57
 Fluorene
 Concen: 39.844 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

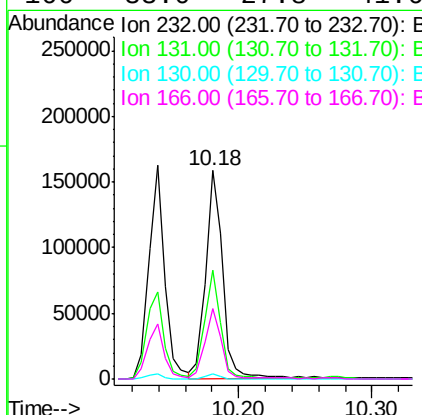
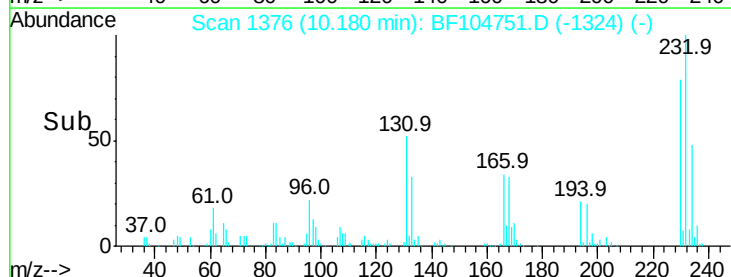
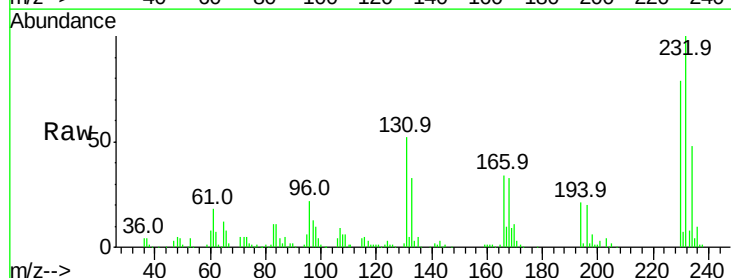
Instrument :
 BNA_F
 ClientSampleId :

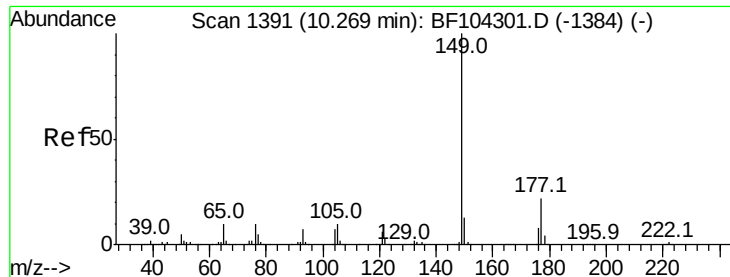
Tot Ion:166 Resp: 611952
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.488 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:232 Resp: 140337
 Ion Ratio Lower Upper
 232 100
 131 48.9 43.8 65.8
 130 2.2 2.1 3.1
 166 33.0 27.8 41.6

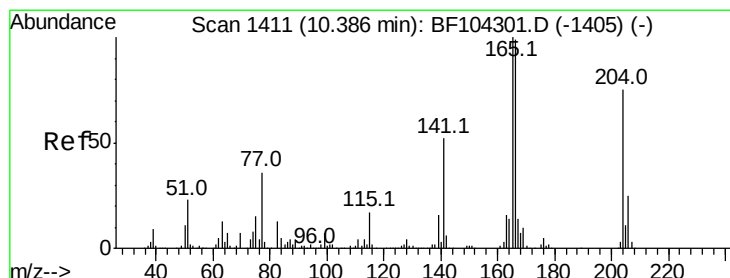
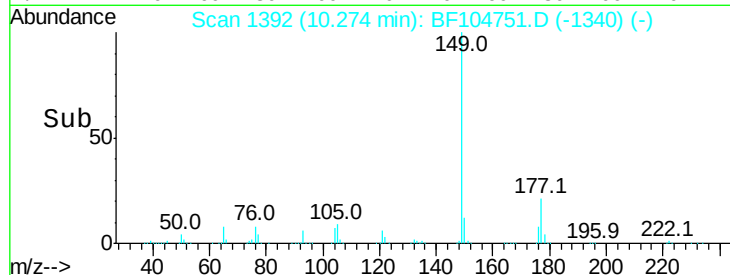
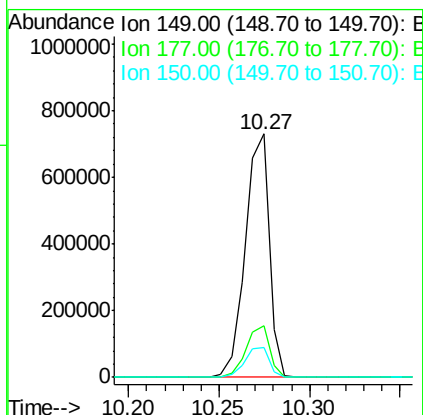
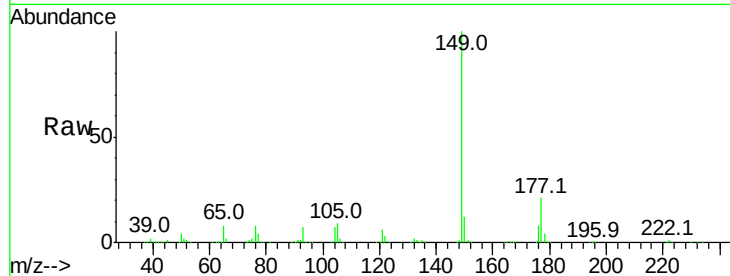




#59
Diethylphthalate
Concen: 35.791 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

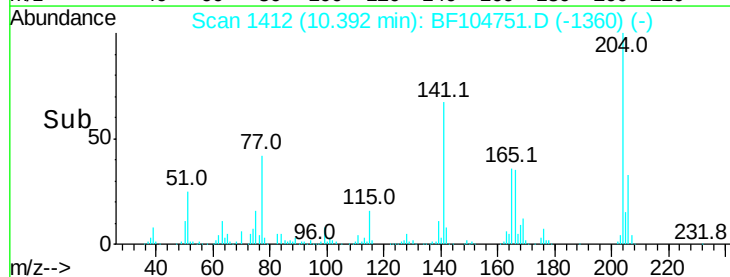
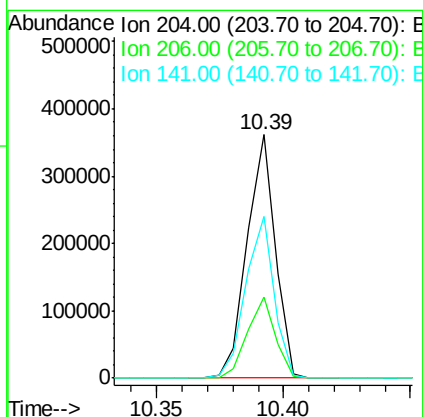
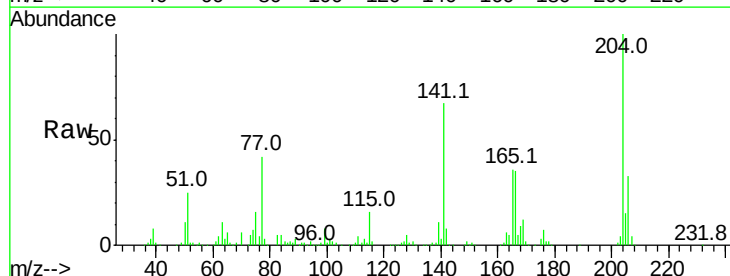
Instrument :
BNA_F
ClientSampled :

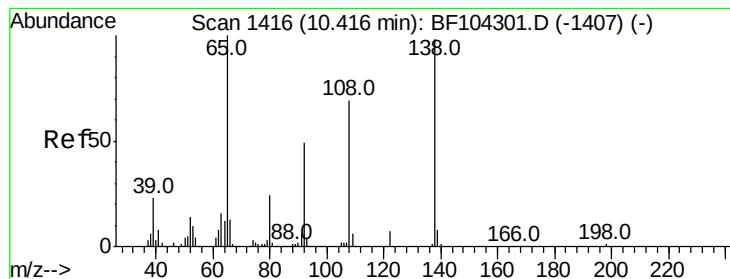
Tot Ion:149 Resp: 670029
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.053 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion:204 Resp: 280804
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 66.5 54.6 81.8





#61

4-Nitroaniline

Concen: 45.239 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

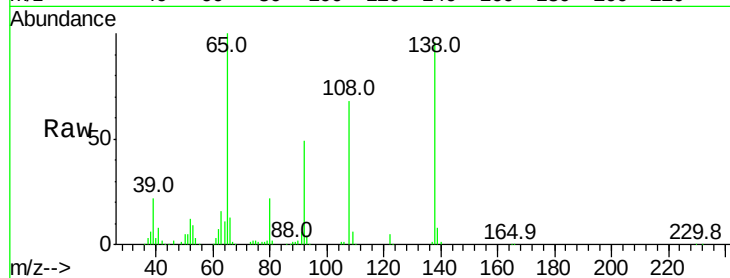
Tot Ion:138 Resp: 180116

Ion Ratio Lower Upper

138 100

92 50.4 30.2 70.2

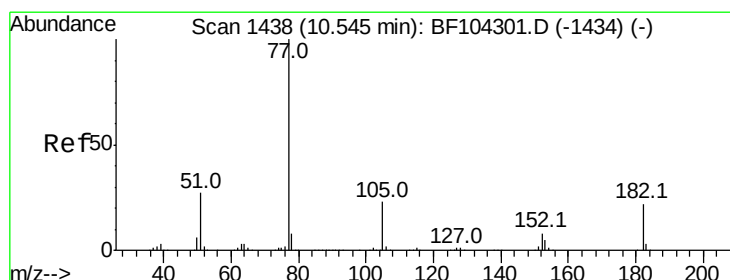
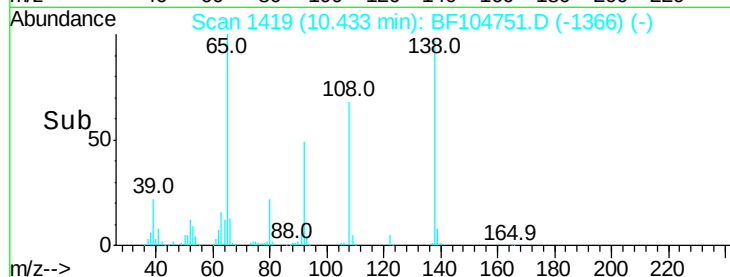
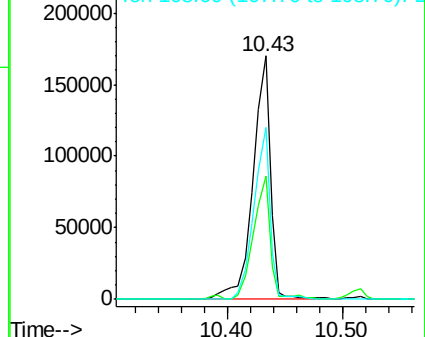
108 70.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.673 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Tgt Ion: 77 Resp: 620139

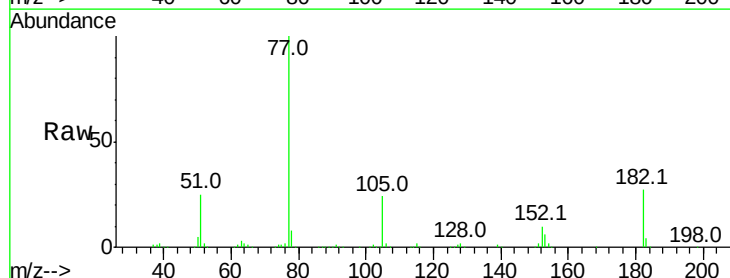
Ion Ratio Lower Upper

77 100

182 27.3 1.7 41.7

105 24.3 3.0 43.0

51 24.9 9.9 49.9

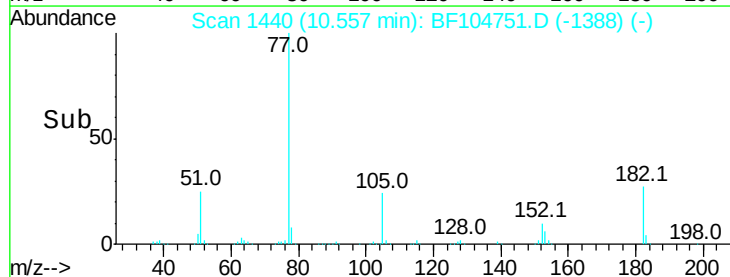
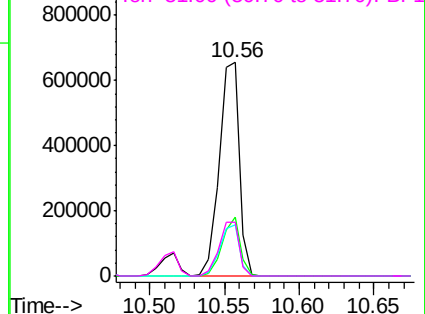


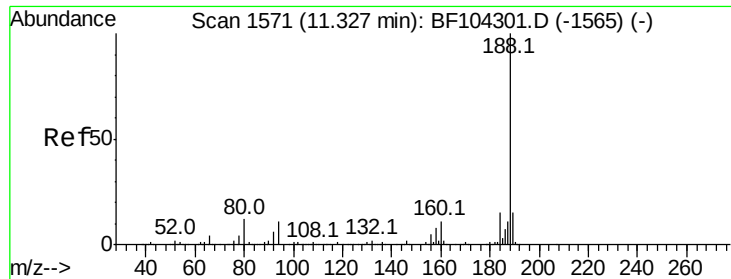
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

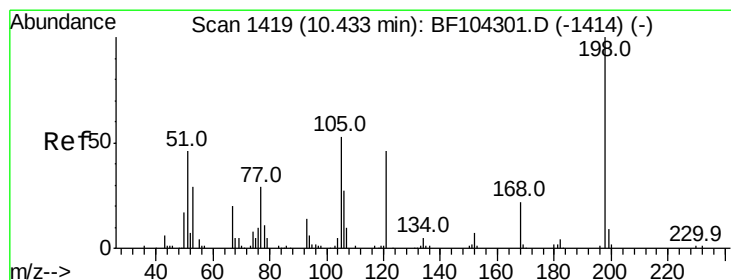
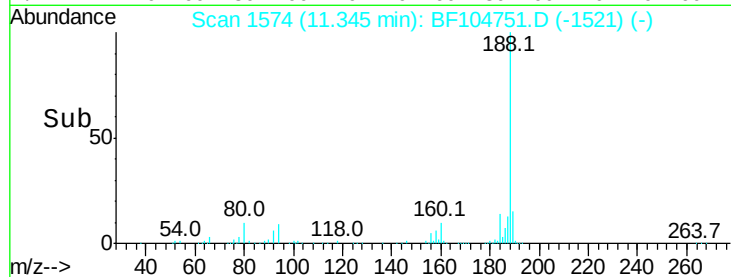
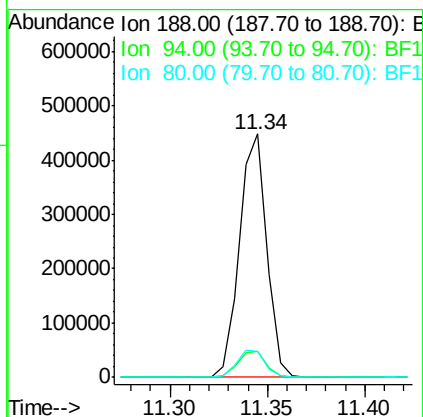
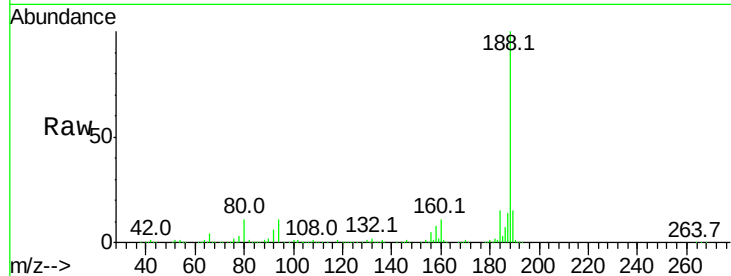




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

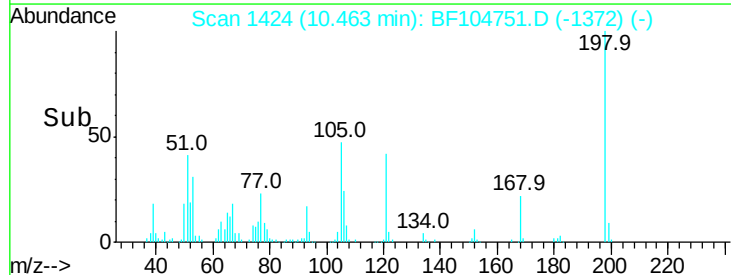
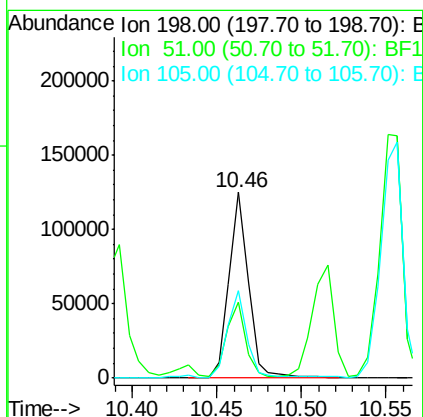
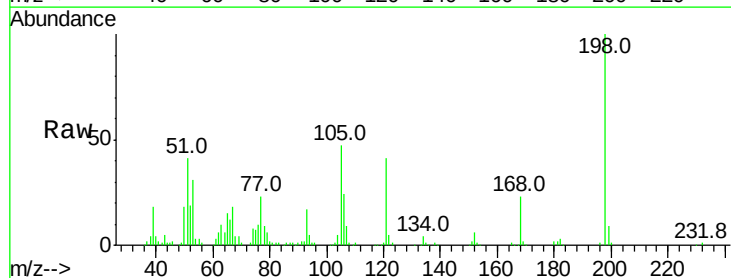
Instrument :
BNA_F
ClientSampled :

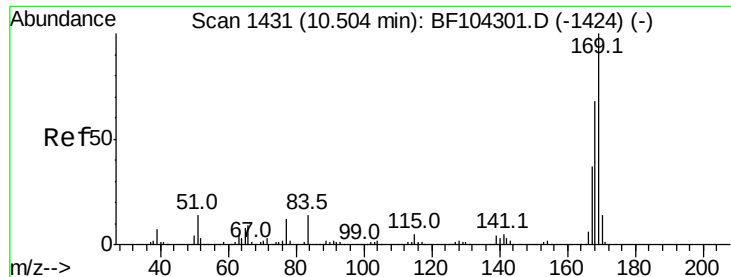
Tot Ion:188 Resp: 433172
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 47.823 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion:198 Resp: 100822
Ion Ratio Lower Upper
198 100
51 40.7 37.7 77.7
105 47.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 36.370 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

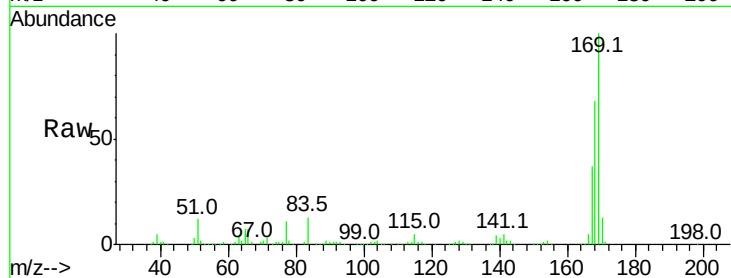
Tot Ion:169 Resp: 546246

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

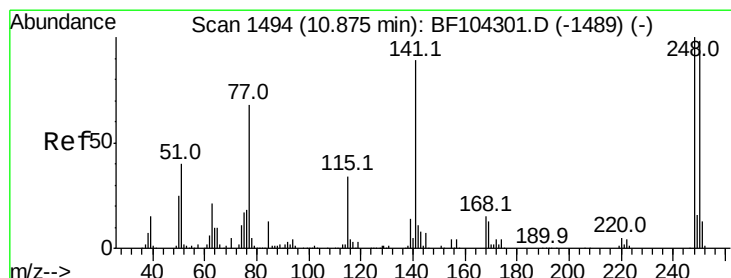
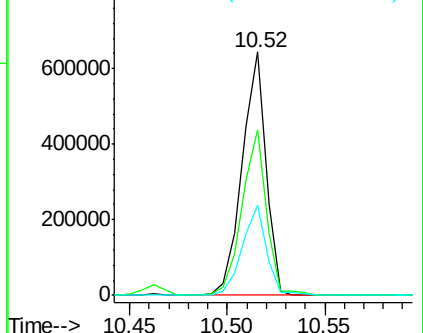
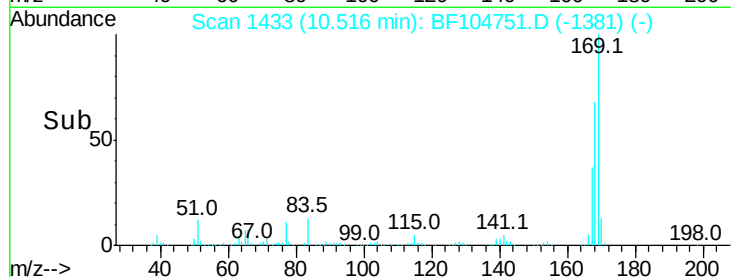
167 36.8 29.8 44.6



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: 37.256 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

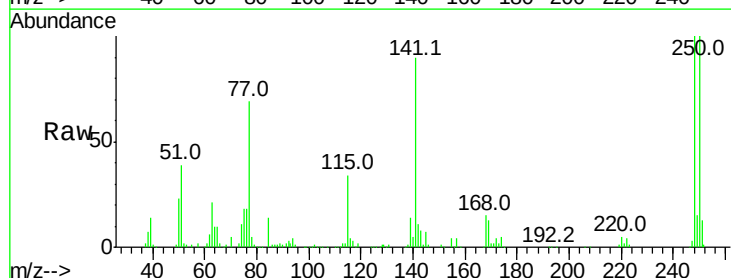
Tgt Ion:248 Resp: 171661

Ion Ratio Lower Upper

248 100

250 99.7 76.9 115.3

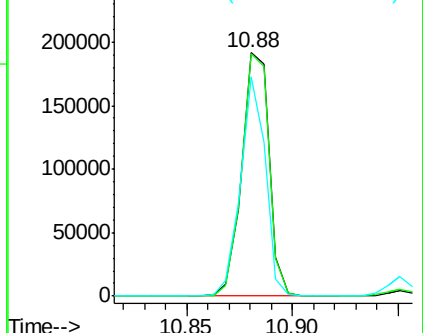
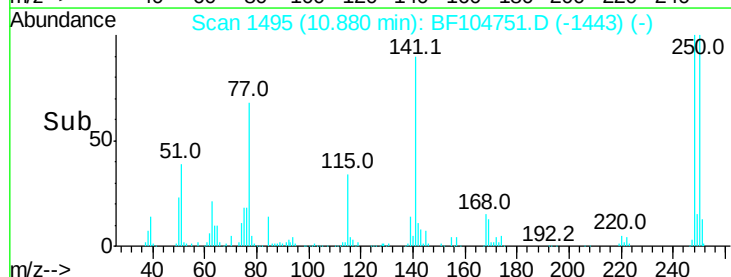
141 90.2 74.4 111.6

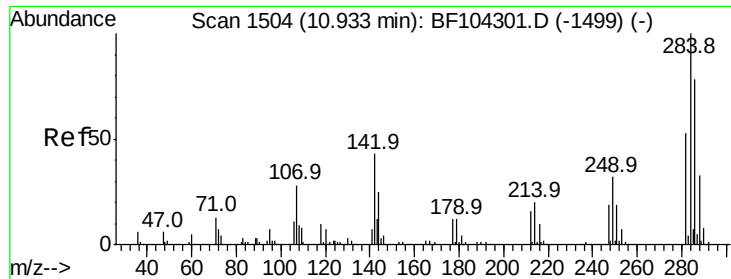


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

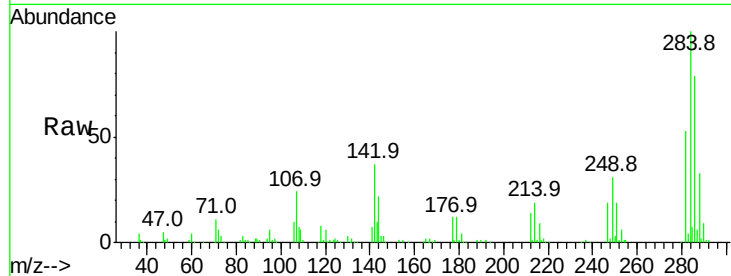




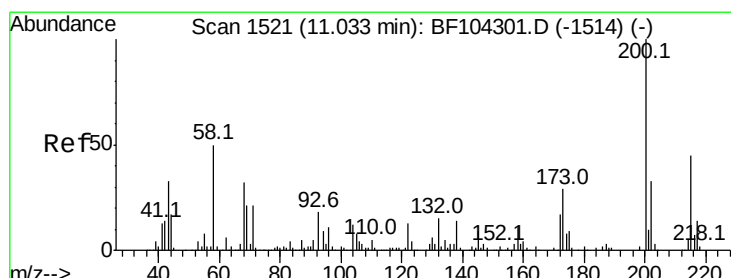
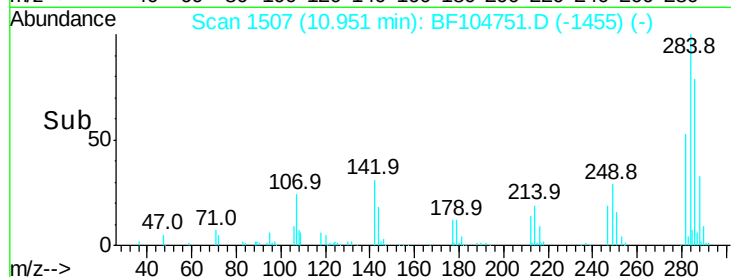
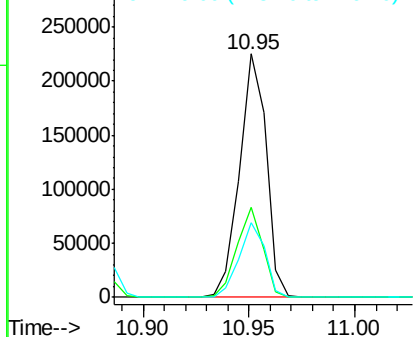
#67
Hexachlorobenzene
Concen: 37.866 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 196314
Ion Ratio Lower Upper
284 100
142 37.2 34.6 52.0
249 30.9 24.8 37.2

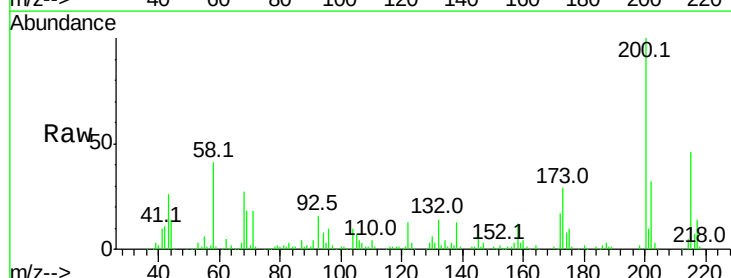


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

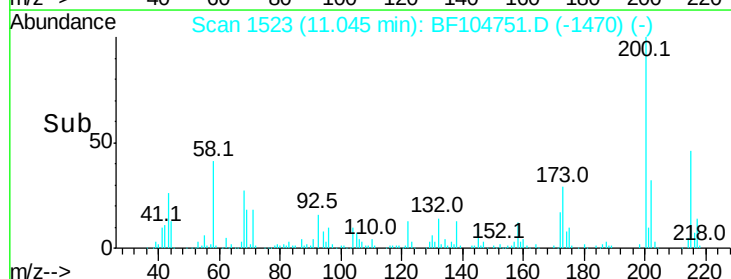
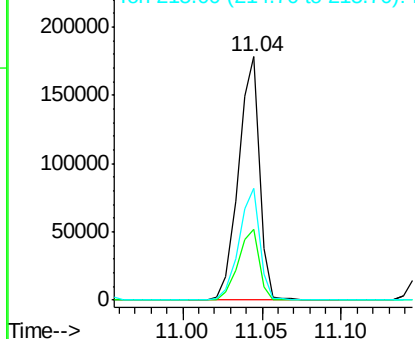


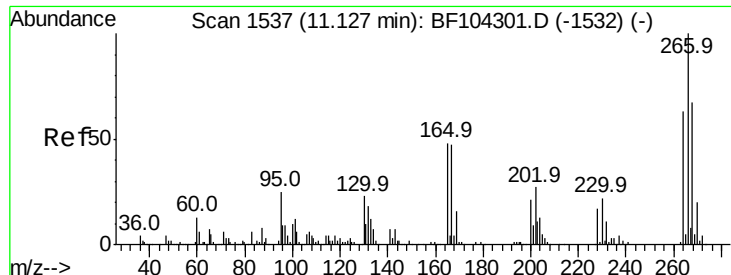
#68
Atrazine
Concen: 36.034 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion:200 Resp: 163361
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 46.1 25.1 65.1



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

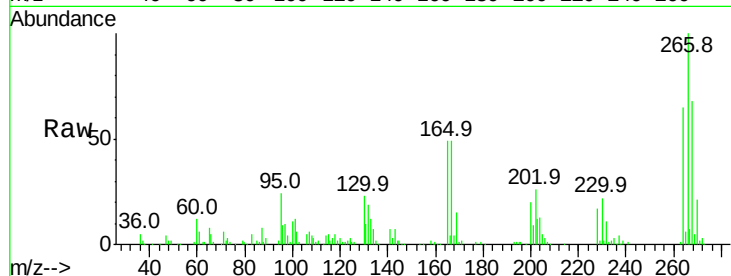




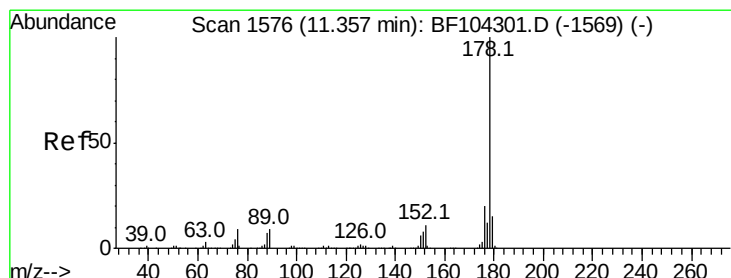
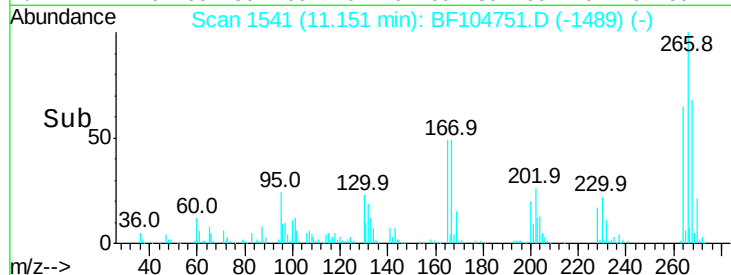
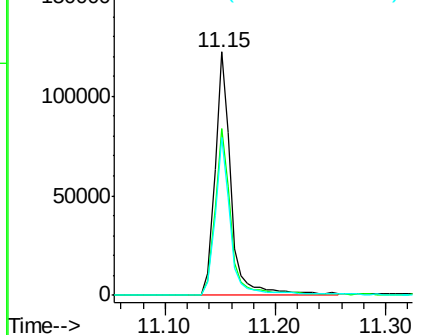
#69
 Pentachlorophenol
 Concen: 38.055 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.4	51.1	76.7
264	64.6	49.5	74.3

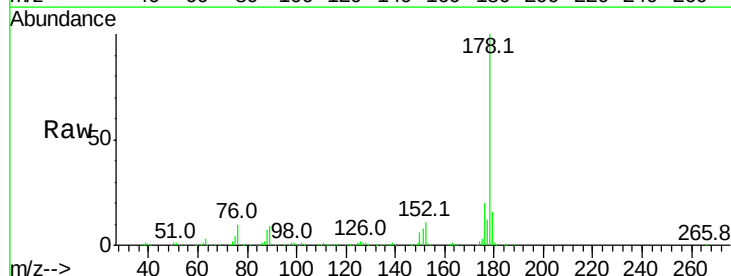


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

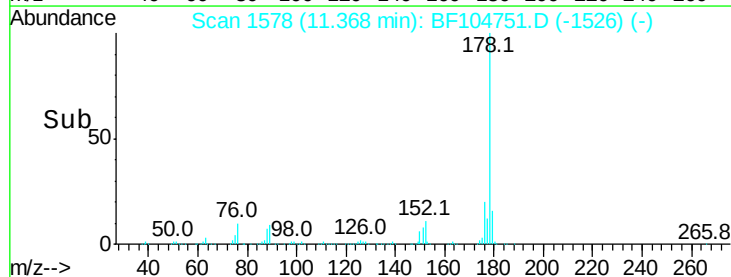
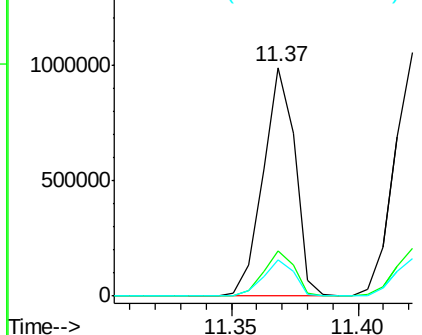


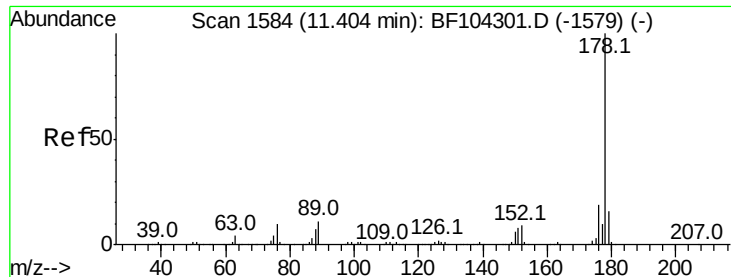
#70
 Phenanthrene
 Concen: 36.063 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	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

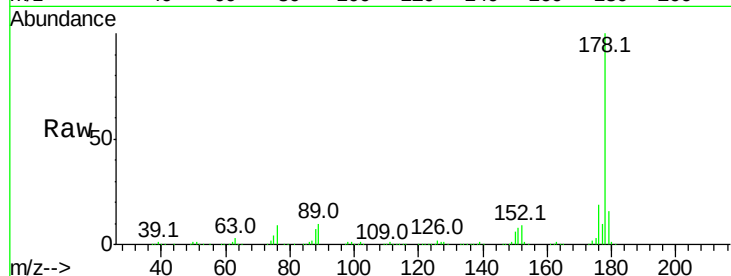




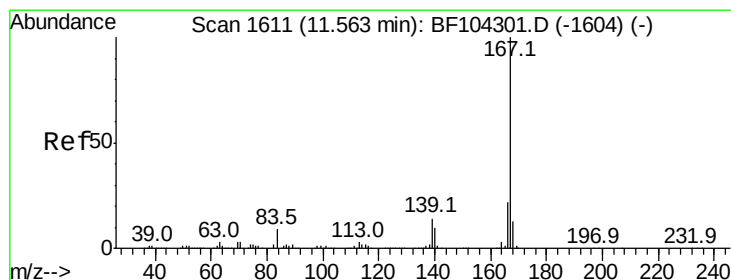
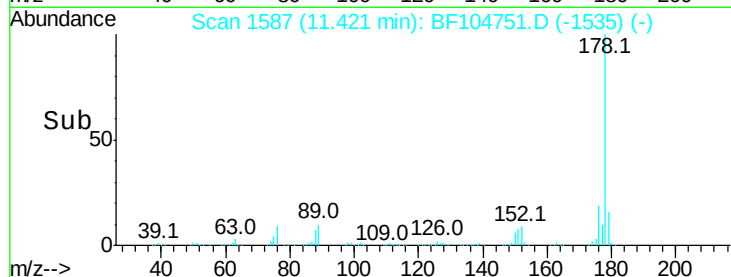
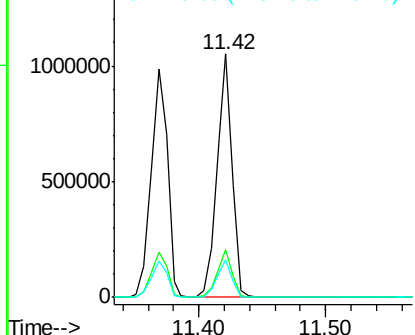
#71
 Anthracene
 Concen: 36.165 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 886825
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0

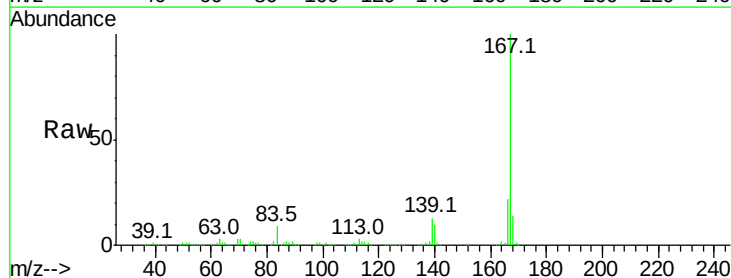


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

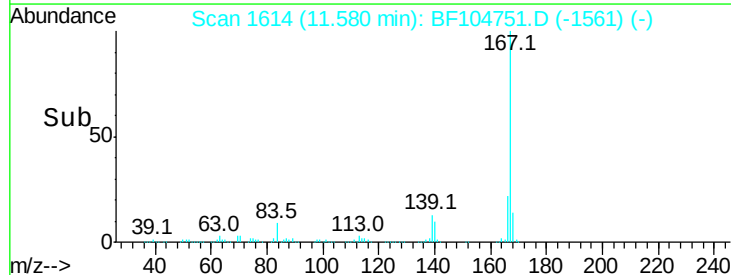
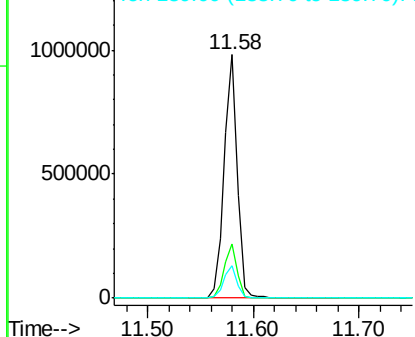


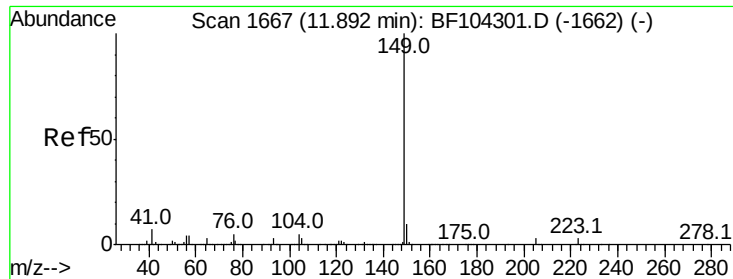
#72
 Carbazole
 Concen: 35.757 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:167 Resp: 856809
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.3 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 35.522 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

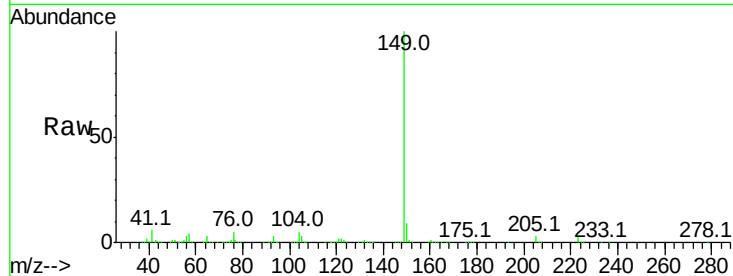
Tot Ion:149 Resp: 1039757

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

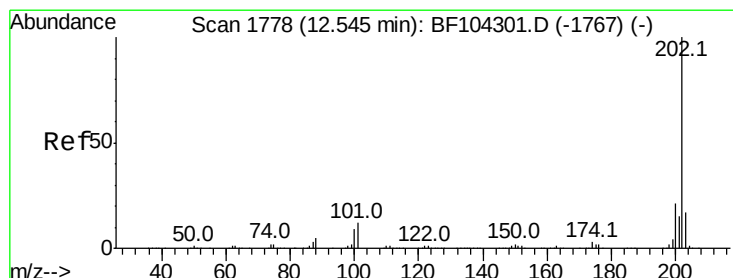
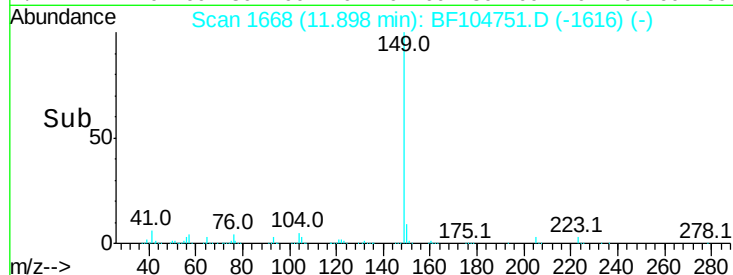
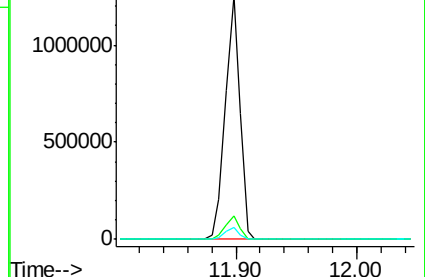
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.553 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

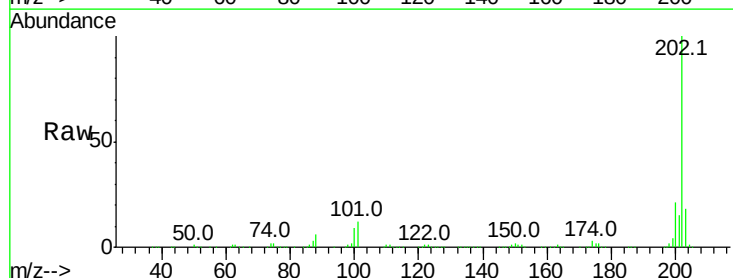
Tgt Ion:202 Resp: 896078

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

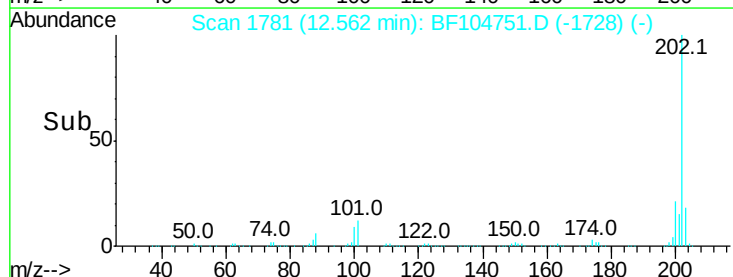
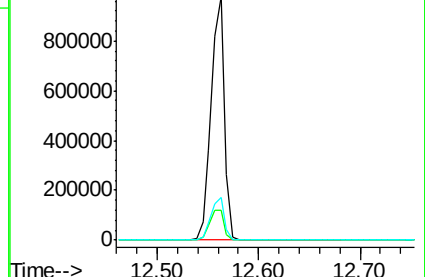
203 17.7 0.0 38.1

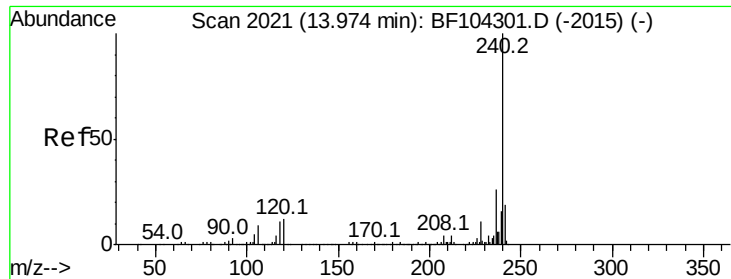


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

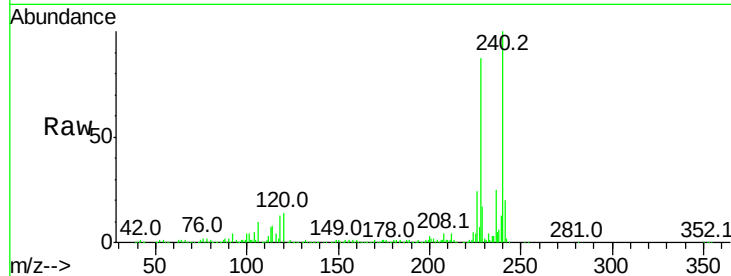
Tot Ion:240 Resp: 323094

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

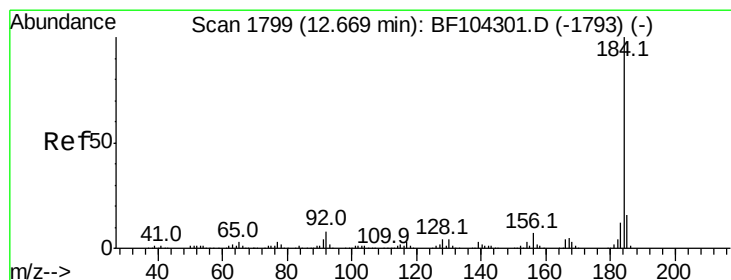
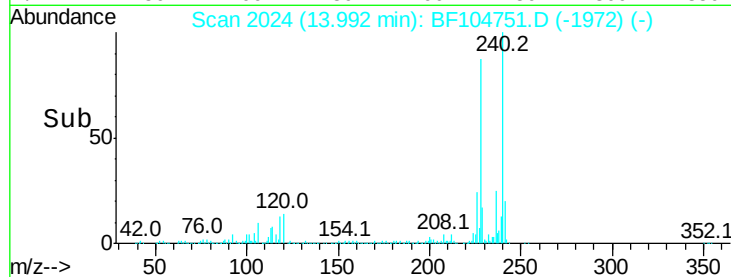
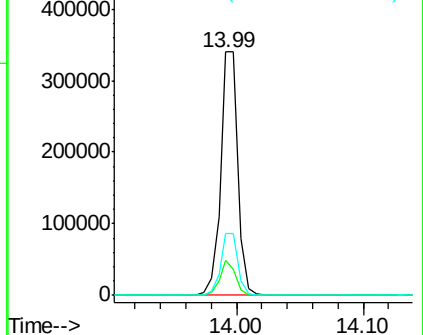
236 25.3 20.7 31.1



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: 31.846 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

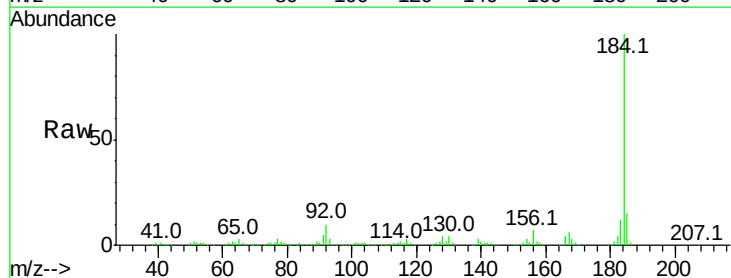
Tgt Ion:184 Resp: 370693

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

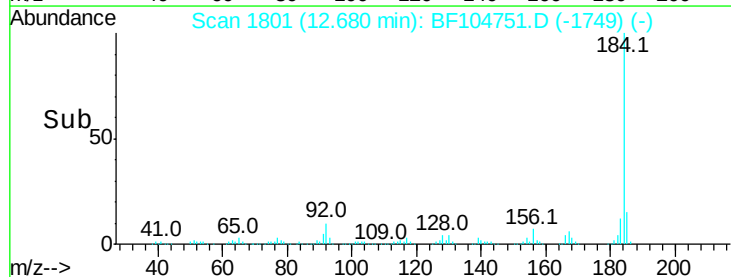
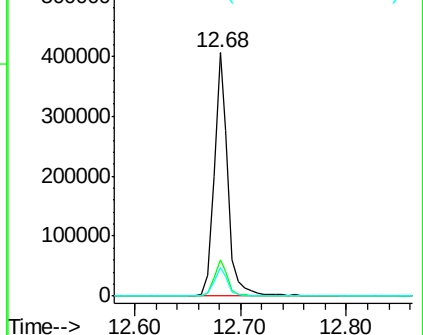
183 11.9 9.3 13.9

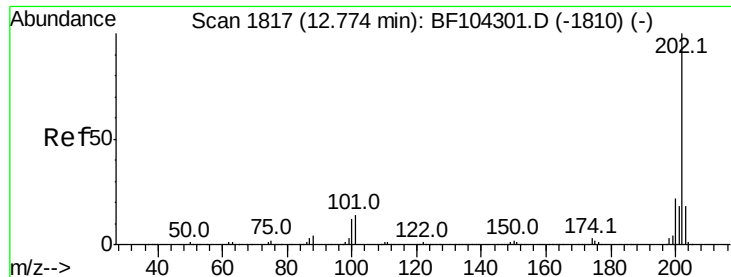


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

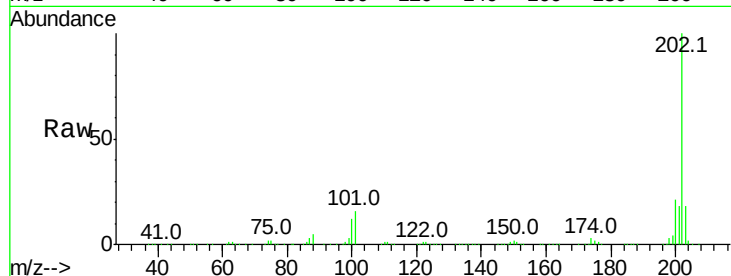




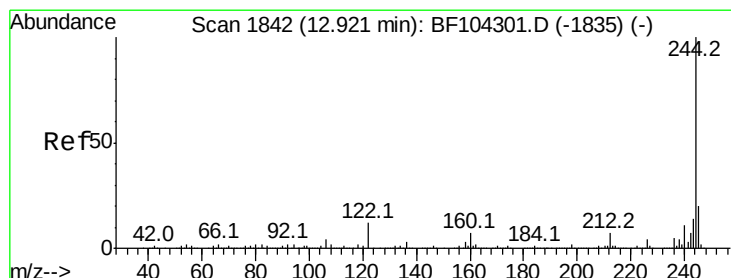
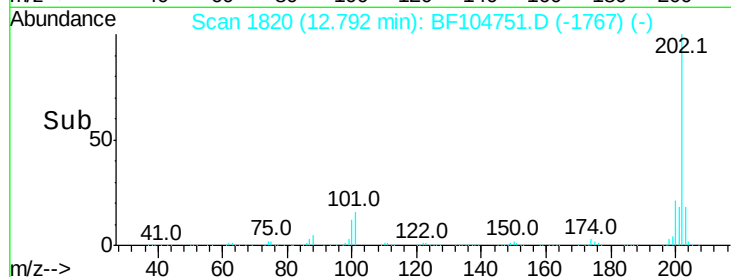
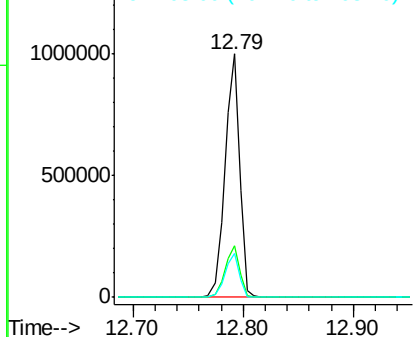
#77
Pvrene
Concen: 38.442 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 920651
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.8 14.3 21.5

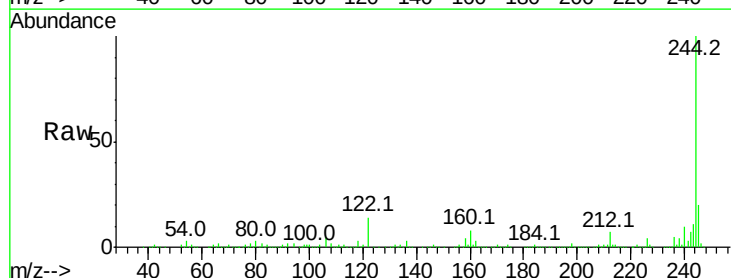


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

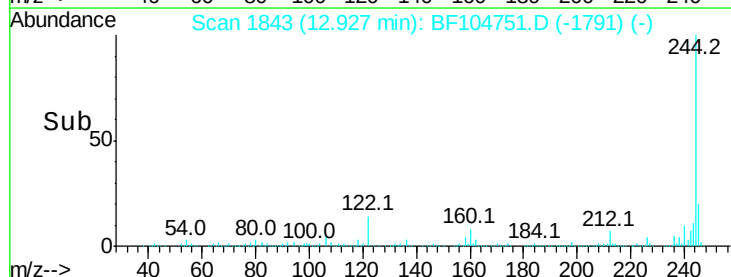
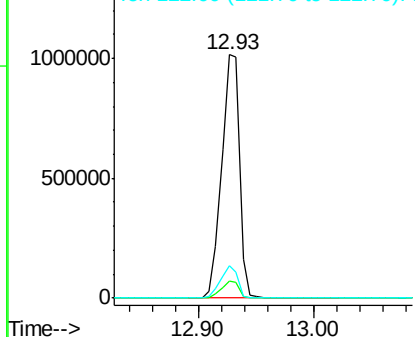


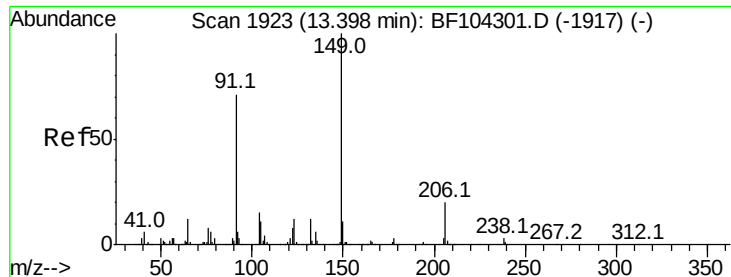
#78
Terphenyl-d14
Concen: 76.618 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion:244 Resp: 1085825
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.5 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

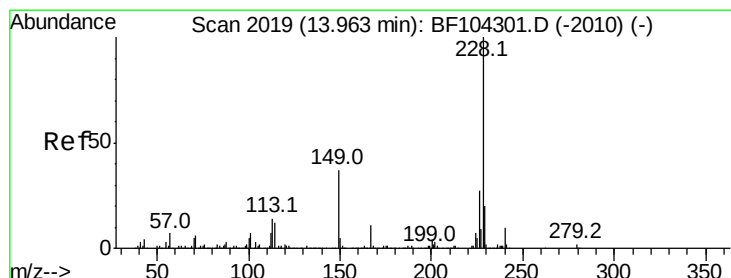
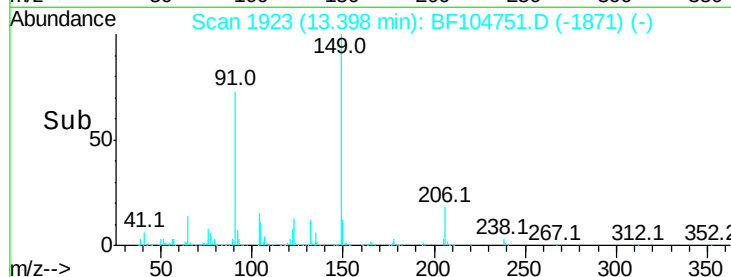
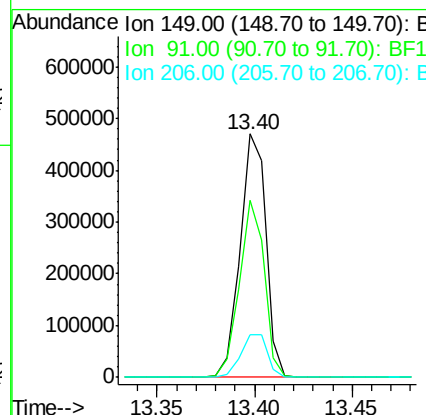
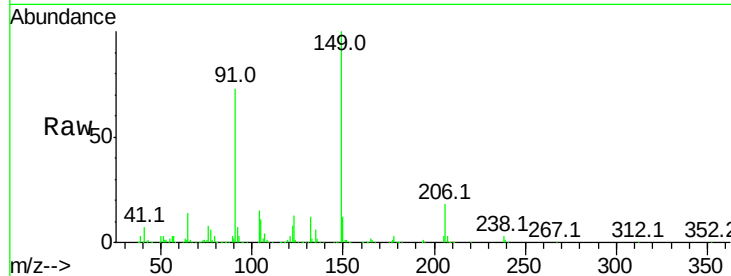




#79
Butylbenzylphthalate
Concen: 38.200 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

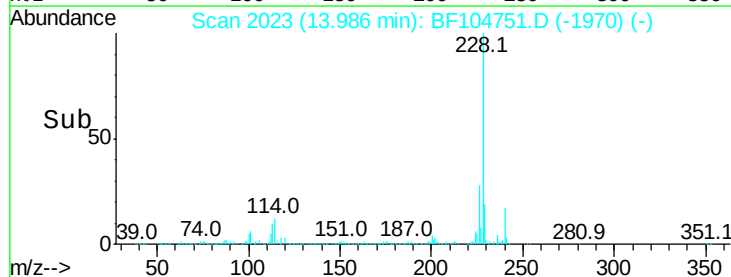
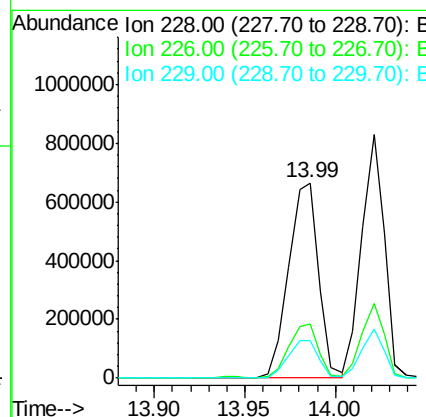
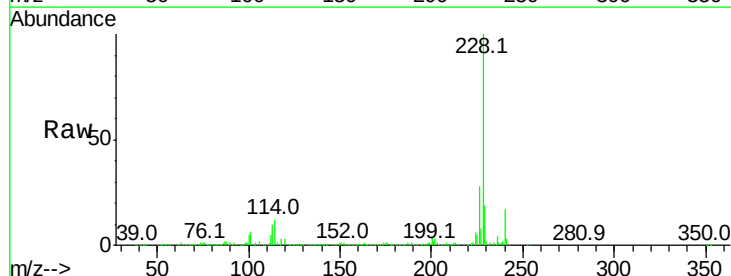
Instrument :
BNA_F
ClientSampleId :

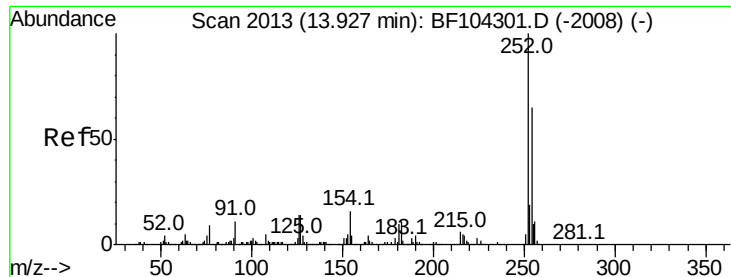
Tot Ion:149 Resp: 430995
Ion Ratio Lower Upper
149 100
91 72.8 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.922 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF104751.D
Acq: 24 Apr 2018 12:54

Tgt Ion:228 Resp: 770579
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.5 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 37.307 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

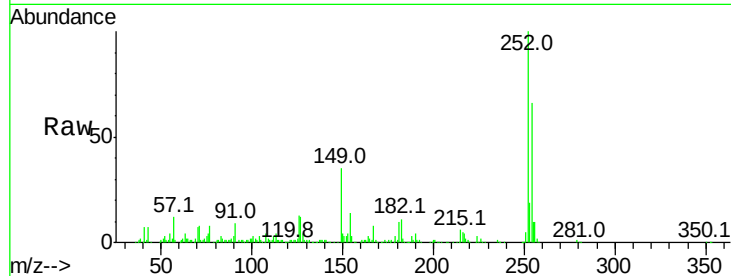
Tot Ion:252 Resp: 268489

Ion Ratio Lower Upper

252 100

254 65.6 50.4 75.6

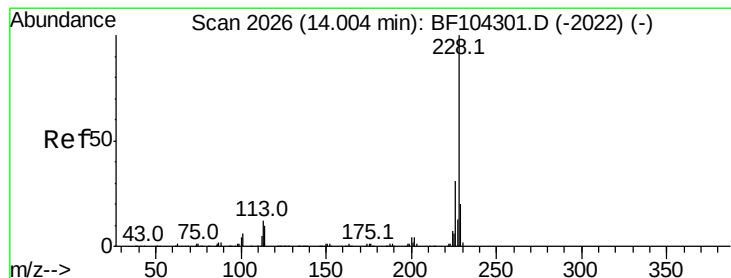
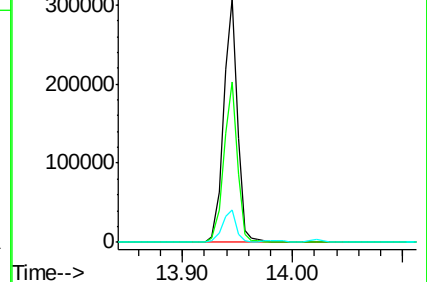
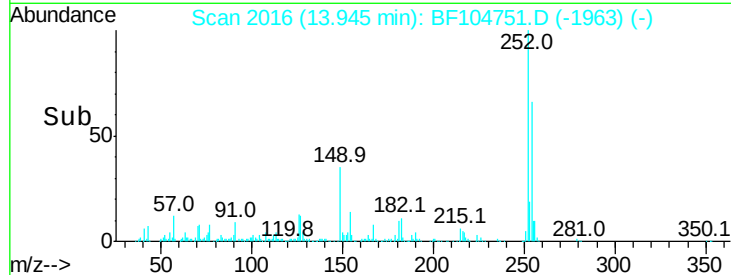
126 13.1 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.684 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

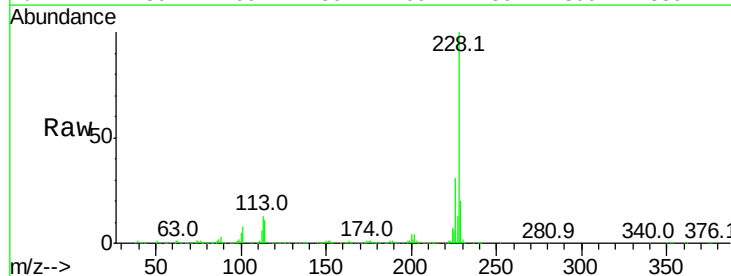
Tgt Ion:228 Resp: 727303

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

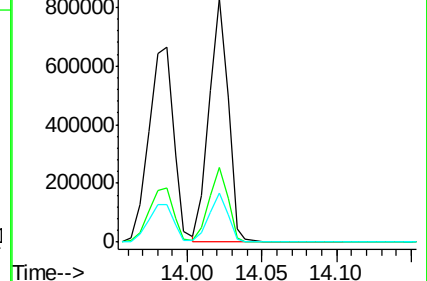
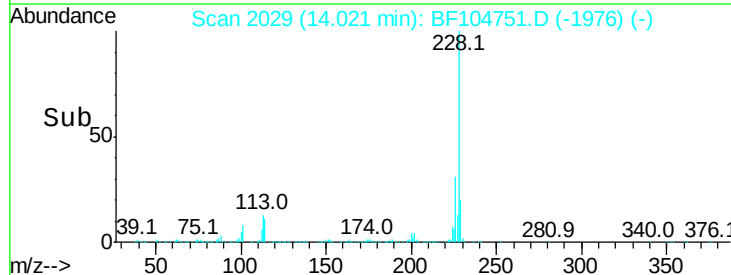
229 20.1 16.2 24.4

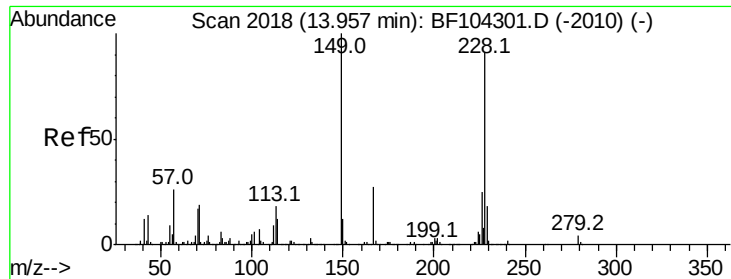


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

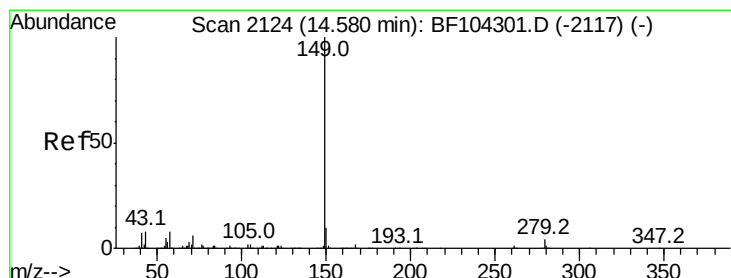
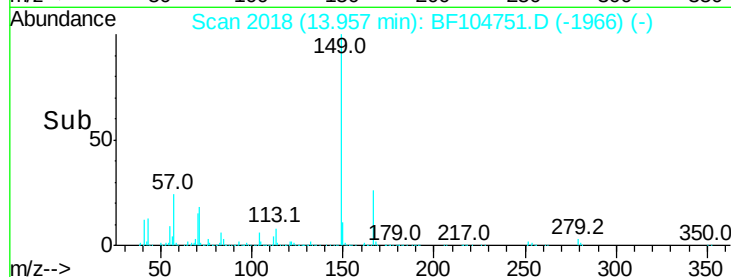
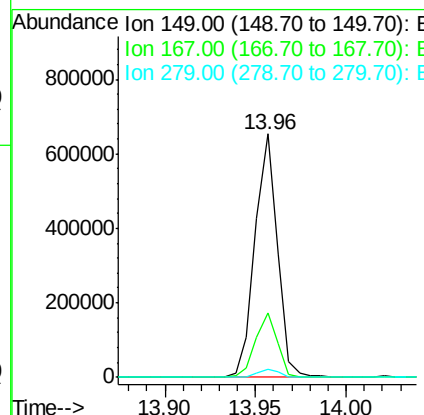
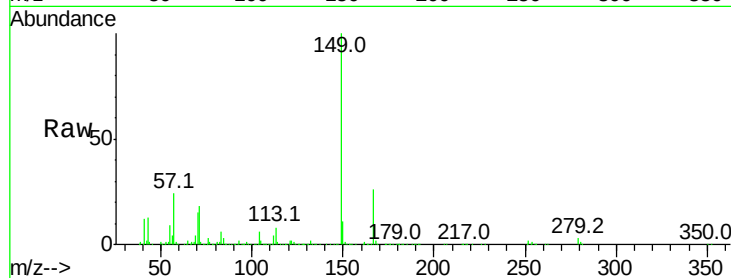




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.737 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

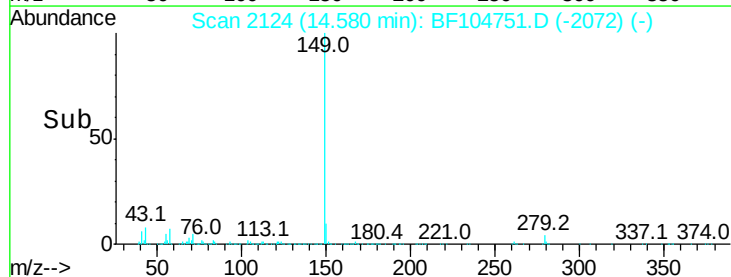
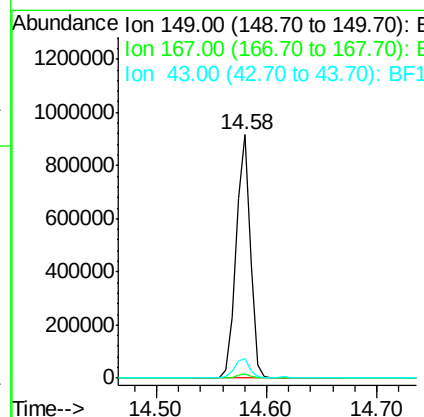
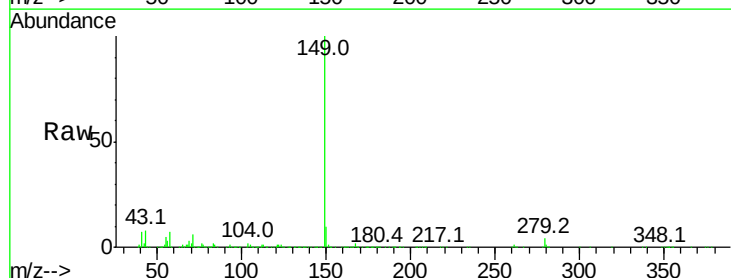
Instrument :
 BNA_F
 ClientSampleId :

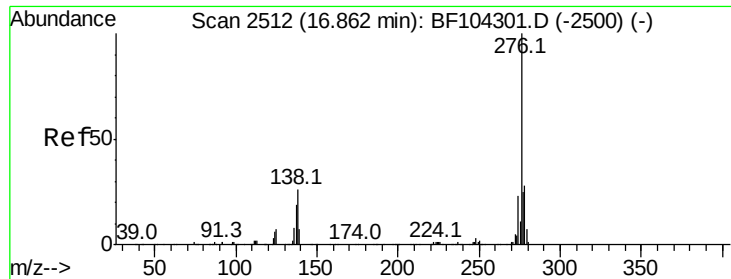
Tot Ion:149 Resp: 562156
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 33.948 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Tgt Ion:149 Resp: 823205
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.2 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.954 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.03 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampled :

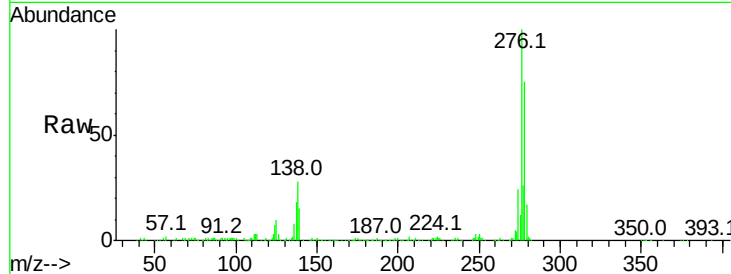
Tot Ion:276 Resp: 571859

Ion Ratio Lower Upper

276 100

138 28.4 25.0 37.6

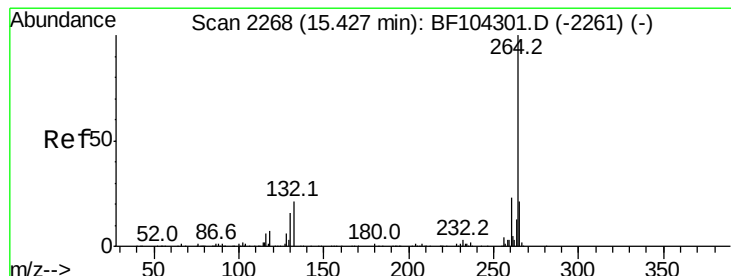
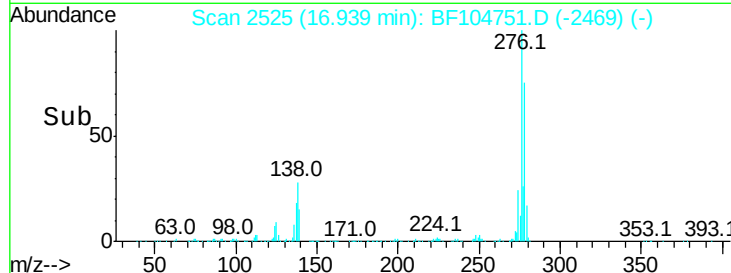
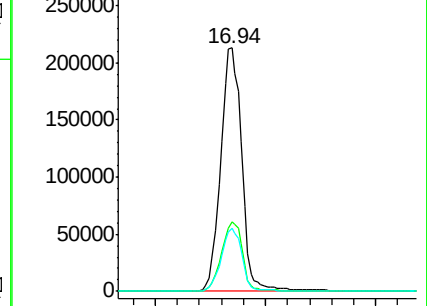
277 25.3 20.1 30.1



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# 2274

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

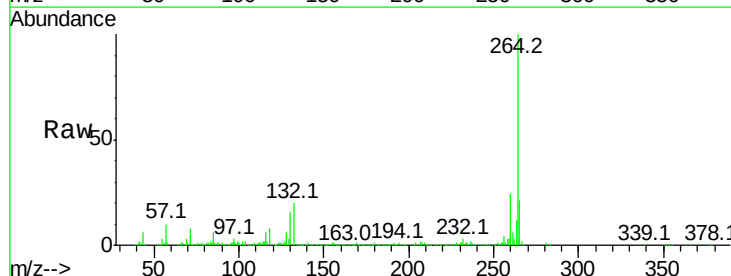
Tgt Ion:264 Resp: 262353

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

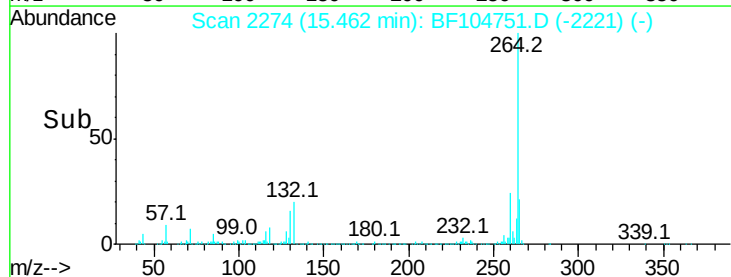
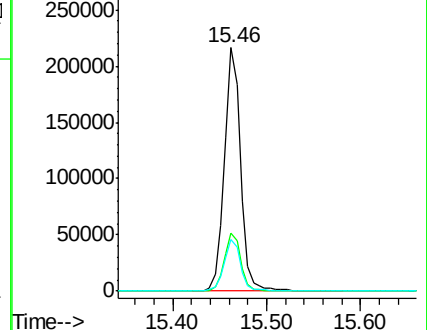
265 21.3 17.5 26.3

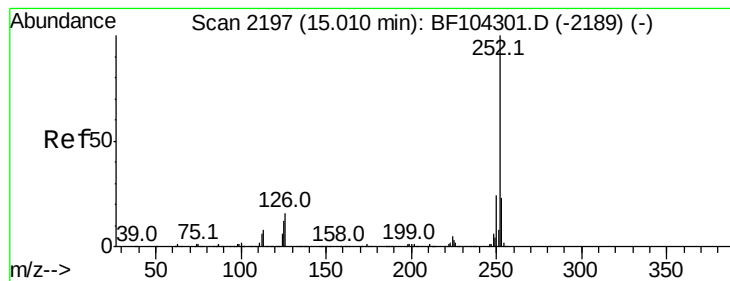


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.447 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

Instrument :

BNA_F

ClientSampleId :

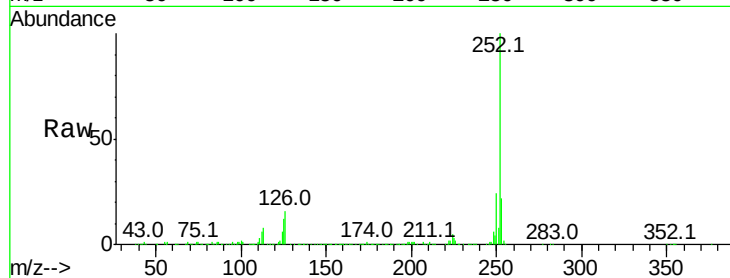
Tot Ion:252 Resp: 620483

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

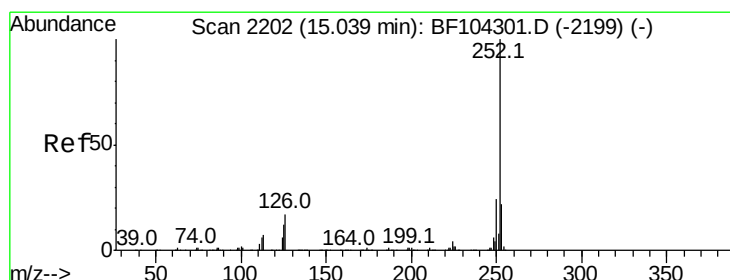
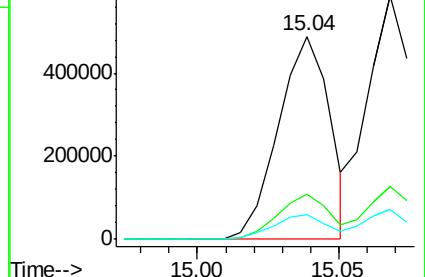
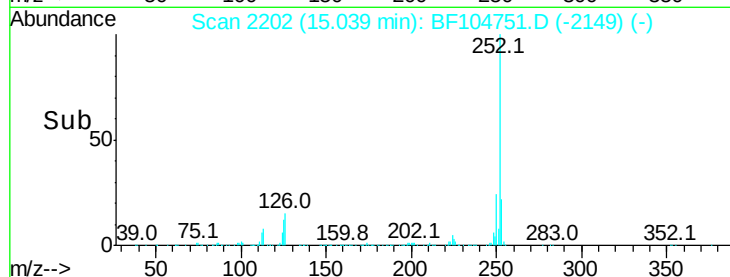
125 12.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.124 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF104751.D

Acq: 24 Apr 2018 12:54

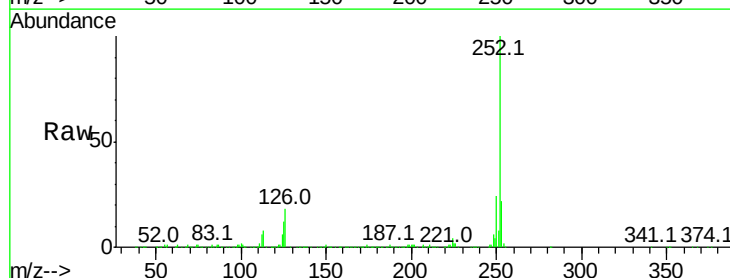
Tgt Ion:252 Resp: 627673

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

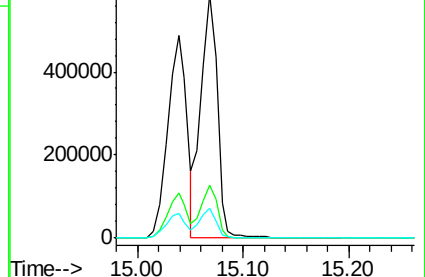
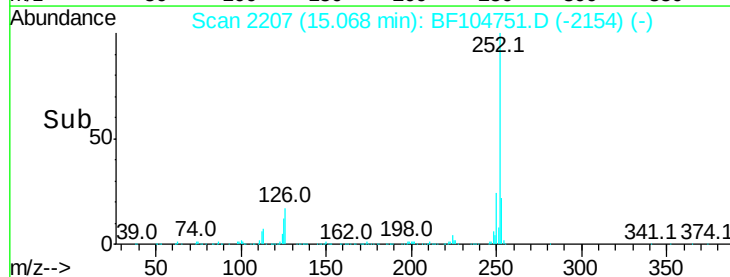
125 12.1 10.2 15.2

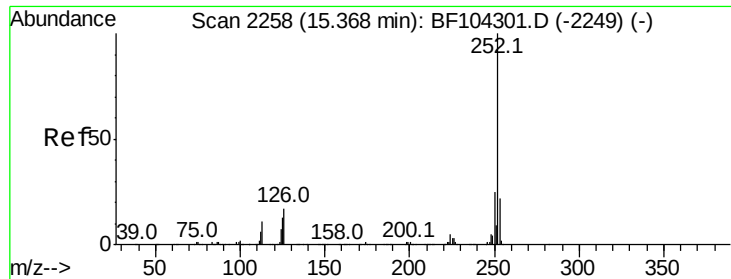


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.203 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF104751.D

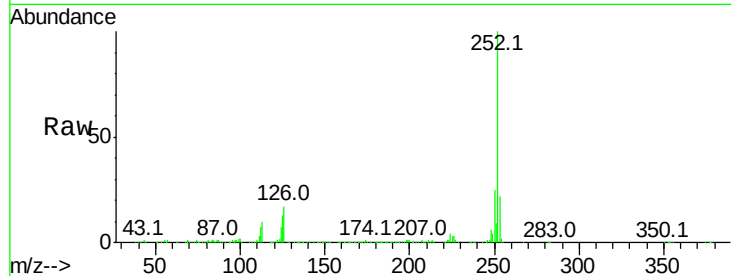
Acq: 24 Apr 2018 12:54

Instrument :

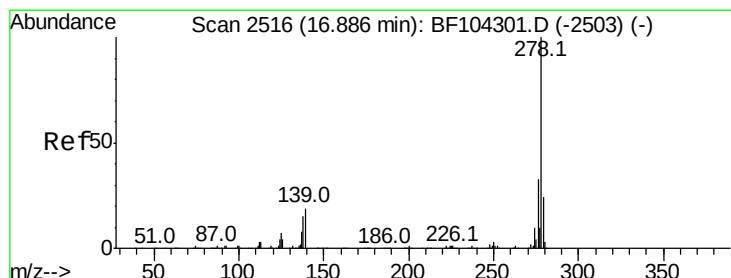
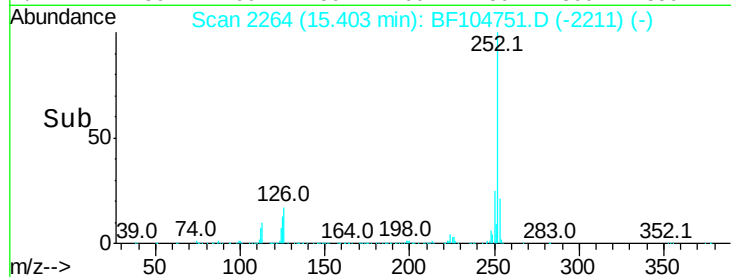
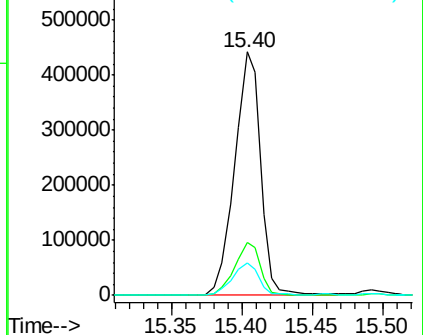
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	566387
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	13.4	9.8	14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 38.969 ng

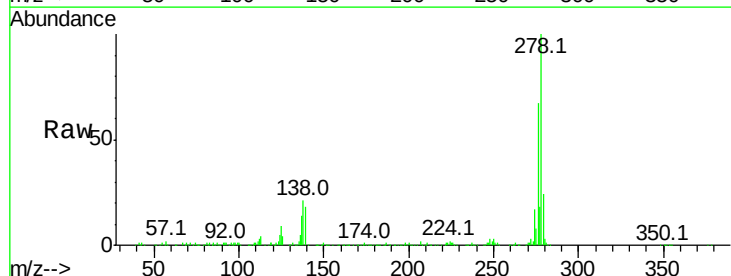
RT: 16.95 min Scan# 2527

Delta R.T. 0.02 min

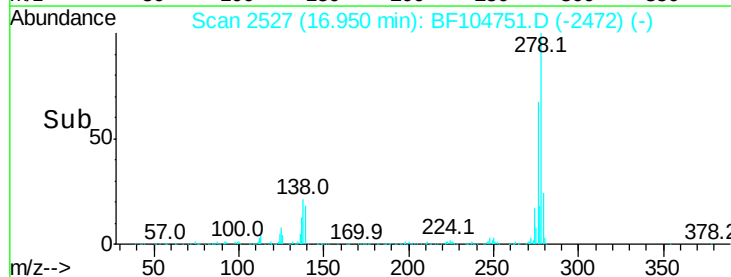
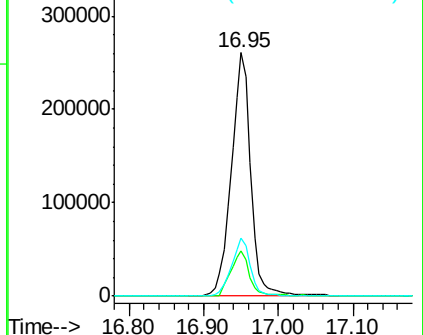
Lab File: BF104751.D

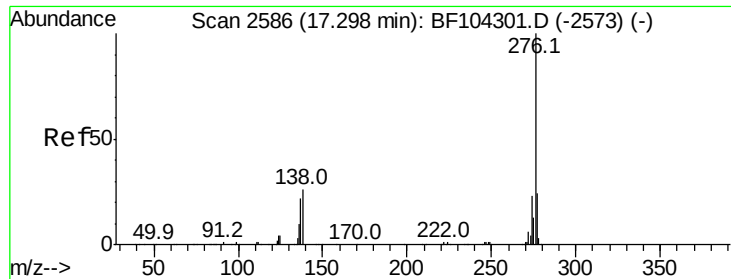
Acq: 24 Apr 2018 12:54

Tgt Ion:	278	Resp:	474504
Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.9	23.9
279	23.6	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

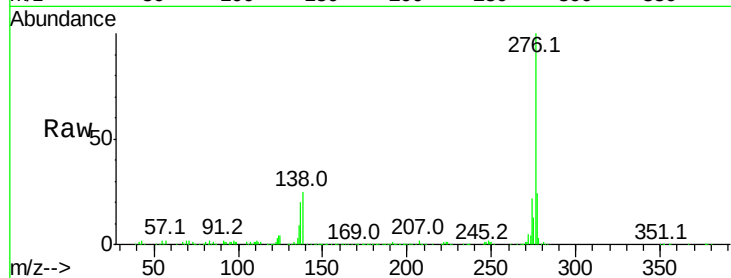




#91
 Benzo(a,h,i)perylene
 Concen: 39.511 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. 0.04 min
 Lab File: BF104751.D
 Acq: 24 Apr 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	24.8	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

