

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104852.D
 Acq On : 26 Apr 2018 22:01
 Operator : JU/SJ
 Sample : J2585-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 07:40:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101434	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	381269	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	141861	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	237027	20.00	ng	0.00
75) Chrysene-d12	13.99	240	208920	20.00	ng	0.00
86) Perylene-d12	15.45	264	151568	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	767682	115.72	ng	0.01
7) Phenol-d6	6.45	99	899573	110.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	545658	93.45	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	160252	108.90	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	754436	84.01	ng	0.00
78) Terphenyl-d14	12.92	244	675571	73.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	92956	30.073	ng	88
3) Pyridine	3.29	79	258640	29.761	ng	86
4) n-Nitrosodimethylamine	3.24	42	103014	33.909	ng	# 79
6) Aniline	6.47	93	254774	22.499	ng	# 66
8) 2-Chlorophenol	6.59	128	260685	37.232	ng	93
9) Benzaldehyde	6.35	77	104495	21.681	ng	96
10) Phenol	6.46	94	334226	38.647	ng	79
11) bis(2-Chloroethyl)ether	6.54	93	241117	34.938	ng	96
12) 1,3-Dichlorobenzene	6.74	146	266814	33.637	ng	98
13) 1,4-Dichlorobenzene	6.82	146	271463	34.332	ng	99
14) 1,2-Dichlorobenzene	6.97	146	250795	34.227	ng	98
15) Benzyl Alcohol	6.95	79	206725	33.393	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	275004	29.672	ng	53
17) 2-Methylphenol	7.06	107	206332	33.901	ng	94
18) Hexachloroethane	7.31	117	68428	24.272	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	160588	30.151	ng	93
20) 3+4-Methylphenols	7.22	107	256528	33.984	ng	90
22) Acetophenone	7.21	105	338789	36.093	ng	97
24) Nitrobenzene	7.39	77	250607	38.875	ng	92
25) Isophorone	7.63	82	437010	35.394	ng	97
26) 2-Nitrophenol	7.70	139	126317	48.132	ng	95
27) 2,4-Dimethylphenol	7.75	122	212793	39.050	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	290773	38.517	ng	99
29) 2,4-Dichlorophenol	7.95	162	195012	37.507	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	196618	34.458	ng	99
31) Naphthalene	8.11	128	653711	34.433	ng	100
32) Benzoic acid	7.86	122	85320	19.623	ng	97
33) 4-Chloroaniline	8.16	127	196425	24.150	ng	96
34) Hexachlorobutadiene	8.22	225	104222	33.346	ng	99
35) Caprolactam	8.53	113	55492	30.594	ng	# 77
36) 4-Chloro-3-methylphenol	8.65	107	193309	34.674	ng	99
37) 2-Methylnaphthalene	8.80	142	398459	32.446	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	164851	40.595	ng	98
42) 2,4,6-Trichlorophenol	9.08	196	113138	40.134	ng	100

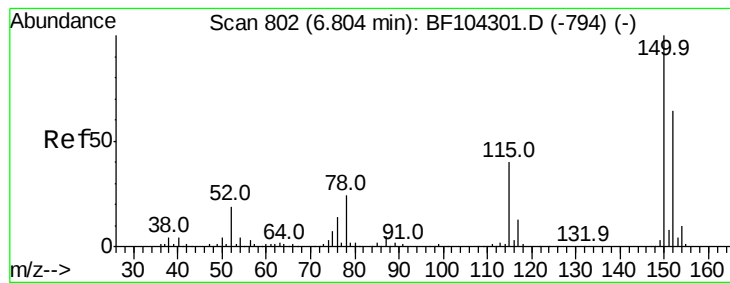
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	116805	37.027	nq	94
45) 1,1'-Biphenyl	9.26	154	444599	37.307	nq	99
46) 2-Chloronaphthalene	9.29	162	345694	36.725	nq	98
47) 2-Nitroaniline	9.39	65	106917	45.929	nq	94
48) Acenaphthylene	9.70	152	499769	33.839	nq	99
49) Dimethylphthalate	9.56	163	501432	44.823	nq	100
50) 2,6-Dinitrotoluene	9.63	165	86472	41.774	nq	# 85
51) Acenaphthene	9.87	154	284559	31.579	nq	99
52) 3-Nitroaniline	9.80	138	87718	36.197	nq	98
53) 2,4-Dinitrophenol	9.92	184	6321	15.499	nq	# 21
54) Dibenzofuran	10.05	168	418845	33.353	nq	99
55) 4-Nitrophenol	9.98	139	126271	66.332	nq	91
56) 2,4-Dinitrotoluene	10.04	165	100386	36.971	nq	99
57) Fluorene	10.39	166	323196	35.359	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	81421	34.597	nq	97
59) Diethylphthalate	10.26	149	374361	33.601	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	150028	36.855	nq	99
61) 4-Nitroaniline	10.42	138	87559	36.953	nq	98
62) Azobenzene	10.55	77	312314	29.341	nq	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	6465	12.090	nq	85
65) n-Nitrosodiphenylamine	10.50	169	290827	35.388	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	86015	34.117	nq	# 89
67) Hexachlorobenzene	10.94	284	96284	33.940	nq	97
68) Atrazine	11.03	200	90087	36.316	nq	97
69) Pentachlorophenol	11.15	266	86960	49.549	nq	97
70) Phenanthrene	11.36	178	440677	33.385	nq	99
71) Anthracene	11.41	178	464678	34.631	nq	99
72) Carbazole	11.57	167	452328	34.498	nq	100
73) Di-n-butylphthalate	11.89	149	507404	31.680	nq	99
74) Fluoranthene	12.55	202	505750	36.672	nq	97
76) Benzidine	12.67	184	229221	29.998	nq	98
77) Pyrene	12.78	202	512022	33.064	nq	100
79) Butylbenzylphthalate	13.39	149	241292	33.074	nq	96
80) Benzo(a)anthracene	13.97	228	439867	35.243	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	162688	34.959	nq	98
82) Chrysene	14.01	228	419208	32.700	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	349025	37.194	nq	# 98
84) Di-n-octyl phthalate	14.57	149	589727	37.611	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	292329	26.843	nq	95
87) Benzo(b)fluoranthene	15.03	252	336628	35.165	nq	99
88) Benzo(k)fluoranthene	15.06	252	322825	35.720	nq	97
89) Benzo(a)pyrene	15.39	252	292231	34.118	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	247355	35.162	nq	96
91) Benzo(g,h,i)perylene	17.37	276	238640	35.015	nq	94

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

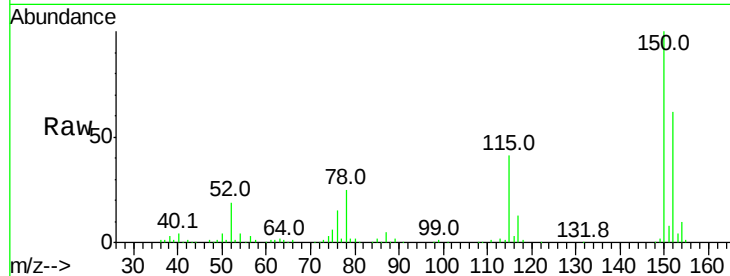


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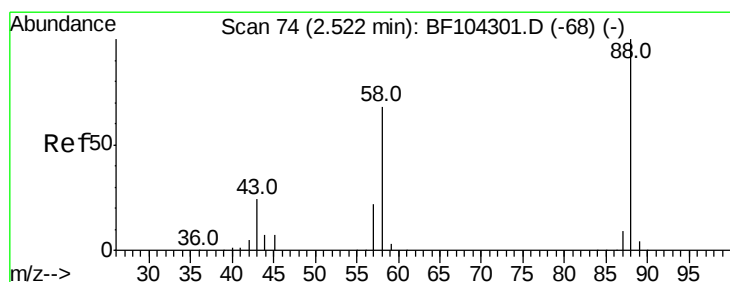
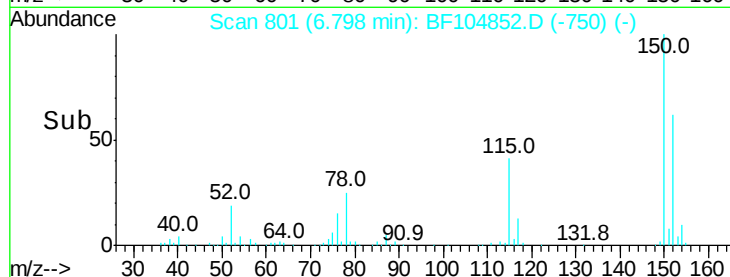
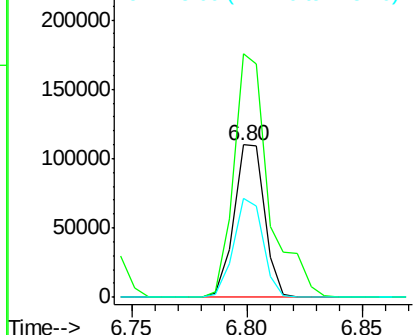
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 101434
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.6 186.8
 115 65.2 50.1 75.1



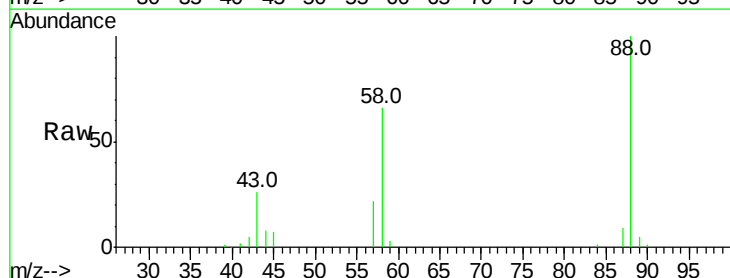
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



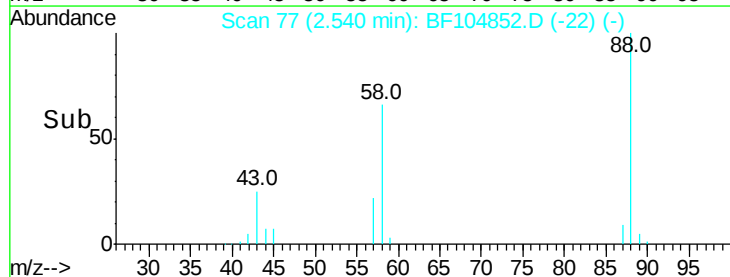
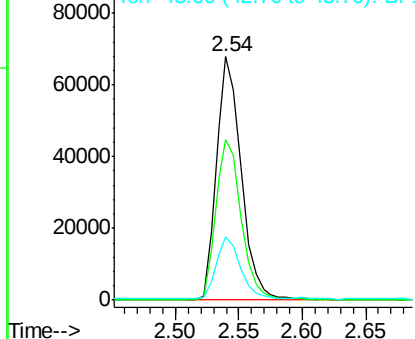
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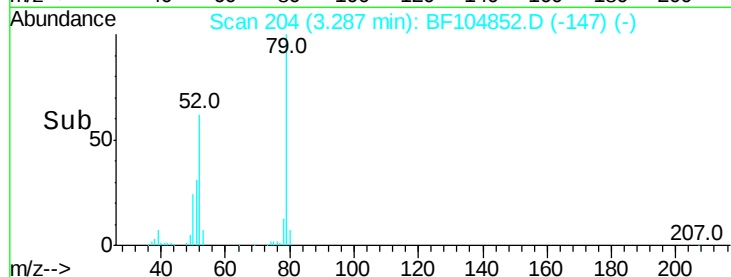
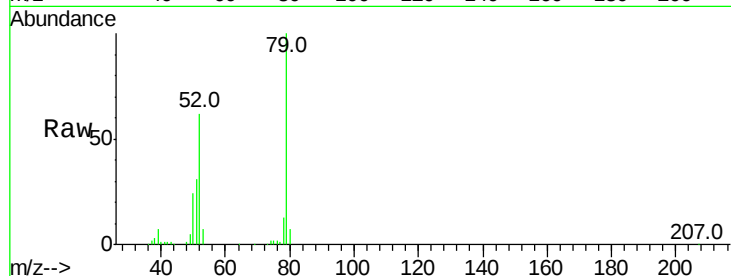
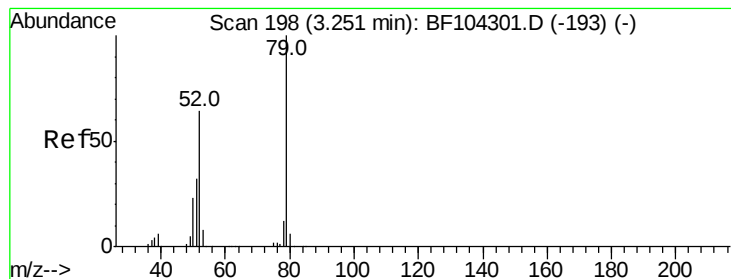
1,4-Dioxane
 Concen: 30.073 ng
 RT: 2.54 min Scan# 77
 Delta R.T. 0.02 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion: 88 Resp: 92956
 Ion Ratio Lower Upper
 88 100
 58 67.5 62.6 93.8
 43 25.1 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: 29.761 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

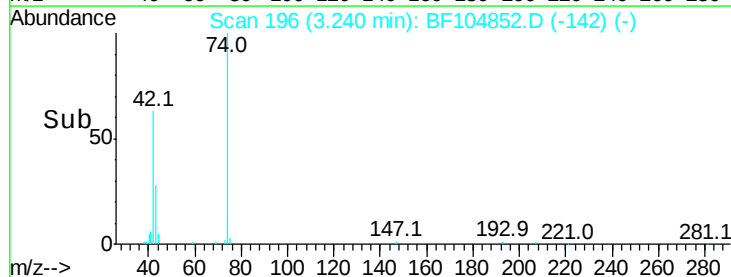
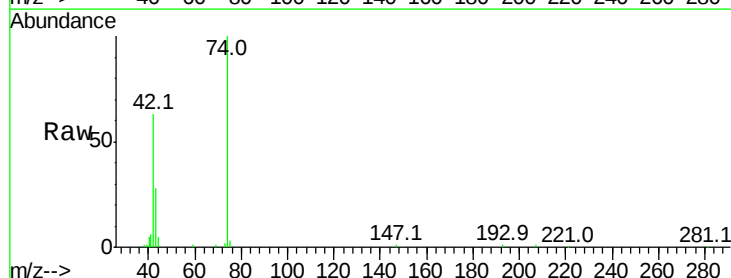
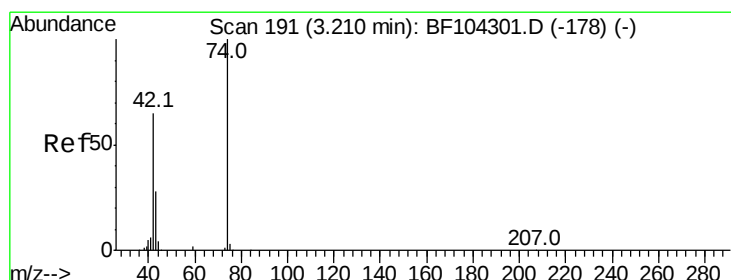
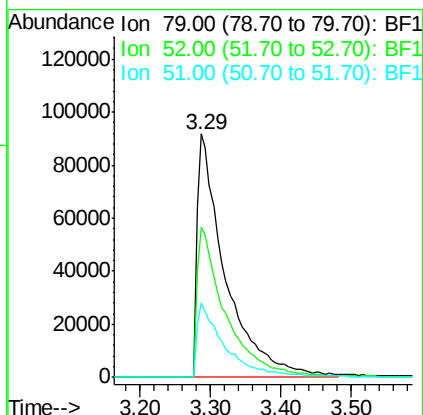
Tot Ion: 79 Resp: 258640

Ion Ratio Lower Upper

79 100

52 61.9 59.8 89.6

51 30.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.909 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.02 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

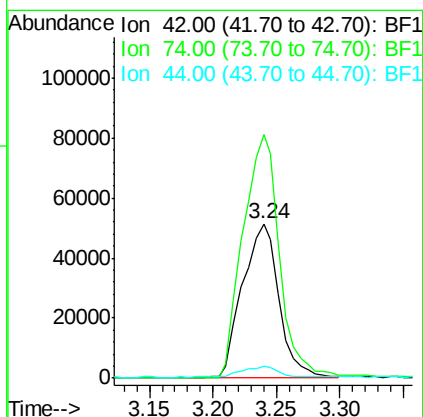
Tgt Ion: 42 Resp: 103014

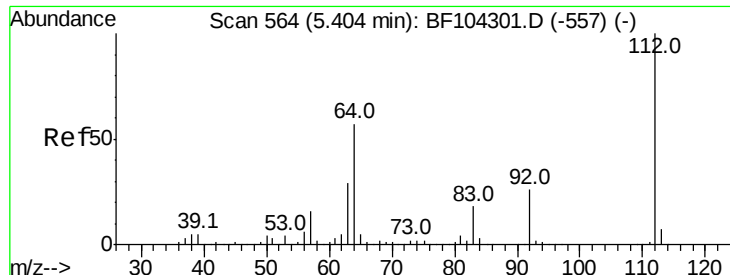
Ion Ratio Lower Upper

42 100

74 157.7 104.9 157.3#

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 115.723 ng

RT: 5.43 min Scan# 568

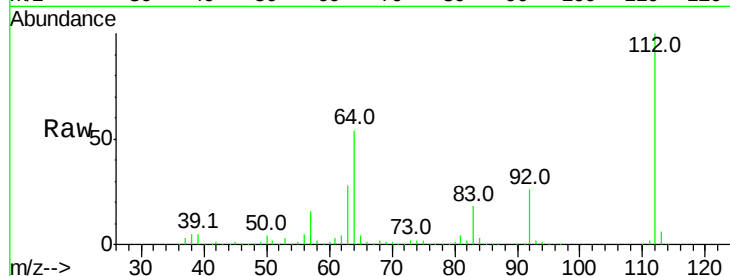
Delta R.T. 0.01 min

Lab File: BF104852.D

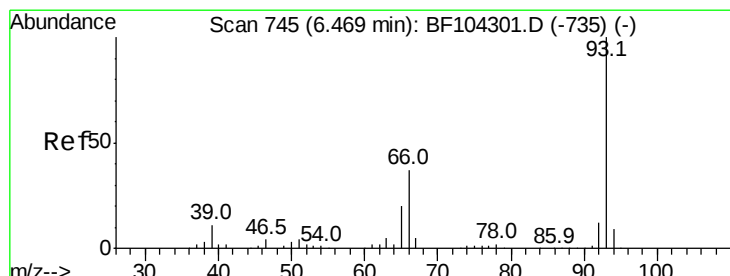
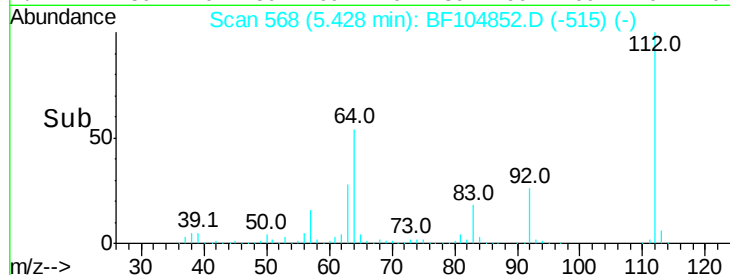
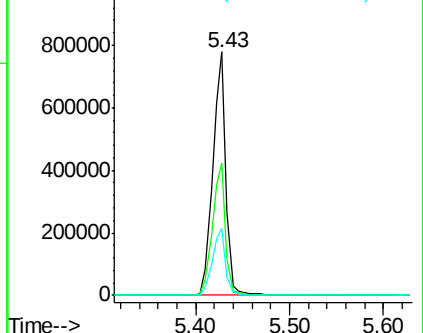
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	767682
Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	27.6	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: 22.499 ng

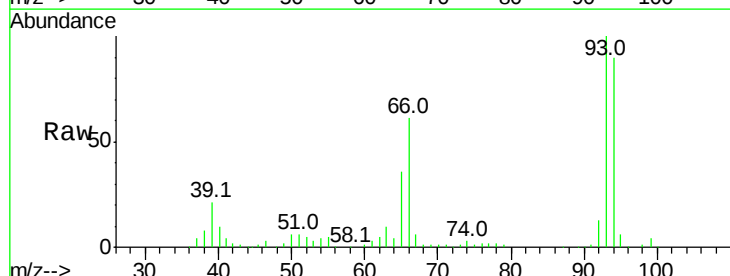
RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

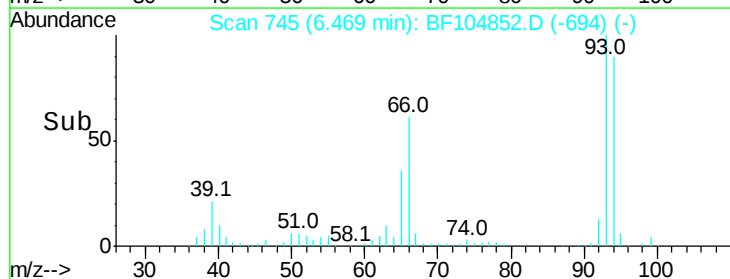
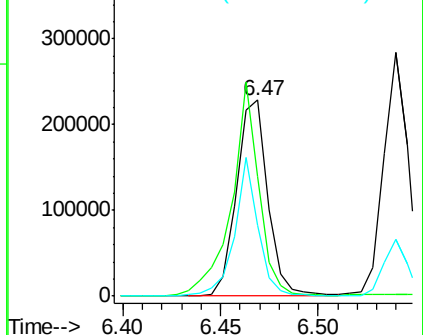
Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Tgt Ion:	93	Resp:	254774
Ion	Ratio	Lower	Upper
93	100		
66	61.3	32.2	48.2#
65	36.5	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.367 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampled :

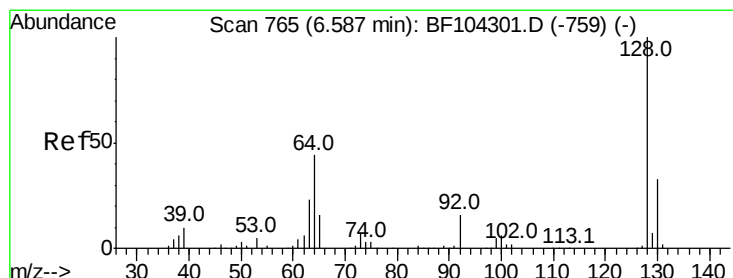
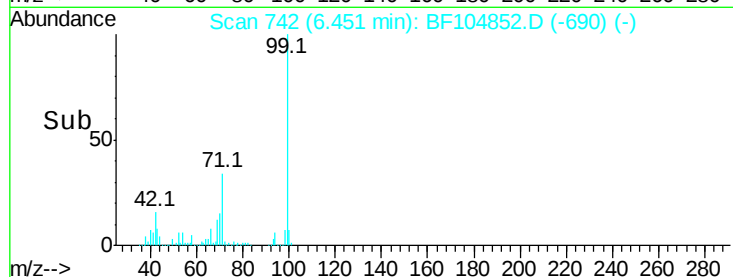
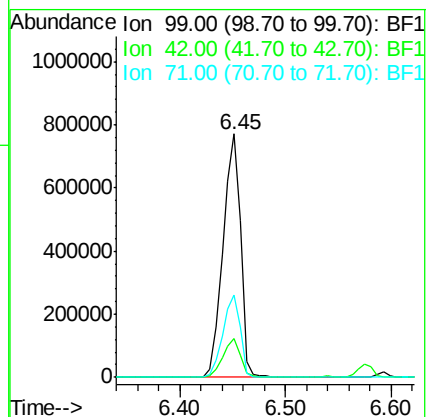
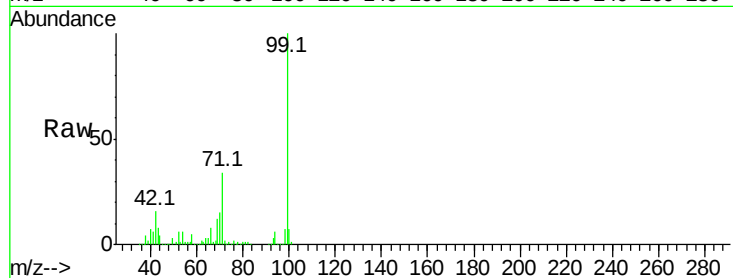
Tot Ion: 99 Resp: 899573

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 34.0 25.4 38.0



#8

2-Chlorophenol

Concen: 37.232 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

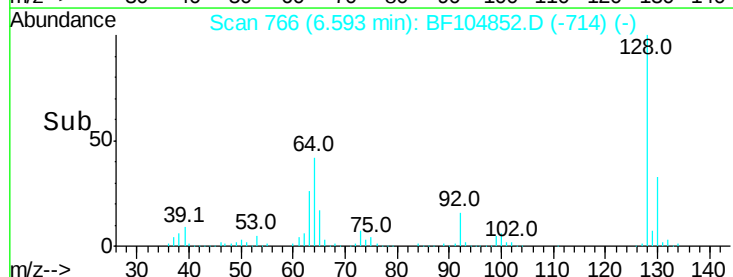
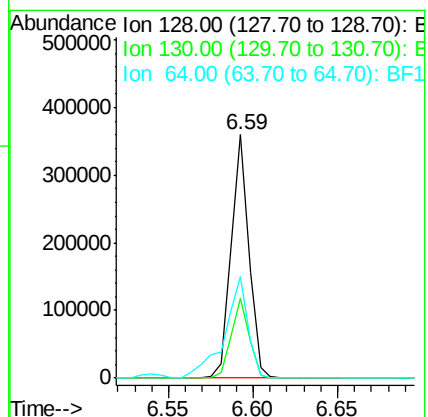
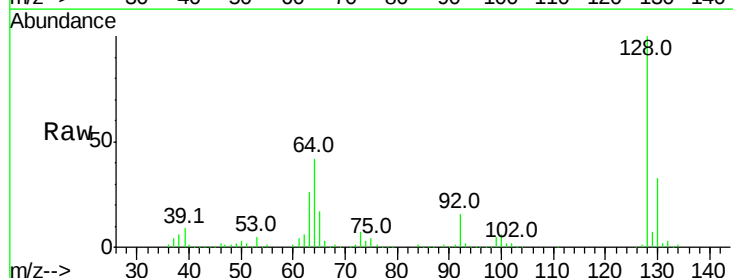
Tgt Ion: 128 Resp: 260685

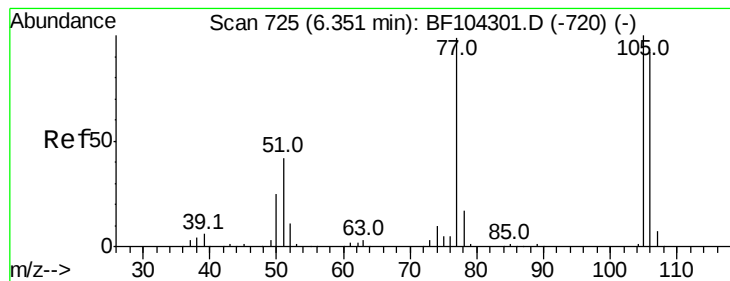
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 41.8 29.4 69.4





#9

Benzaldehyde

Concen: 21.681 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

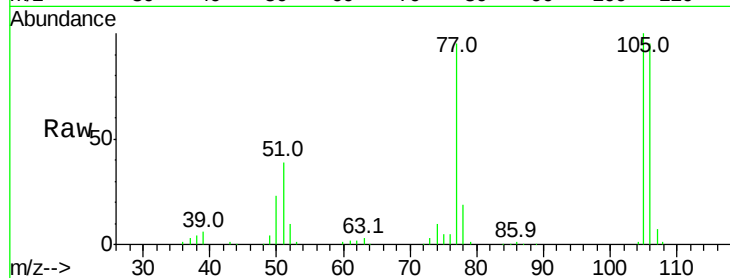
Tot Ion: 77 Resp: 104495

Ion Ratio Lower Upper

77 100

105 104.8 81.1 121.1

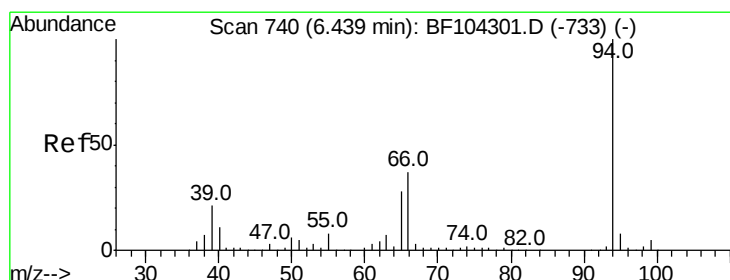
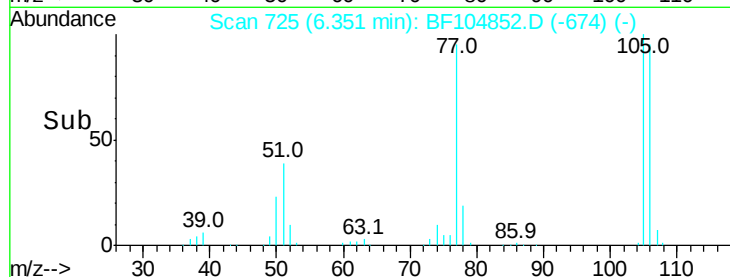
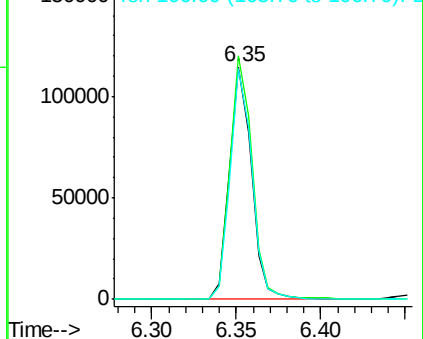
106 99.3 74.5 114.5



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: 38.647 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

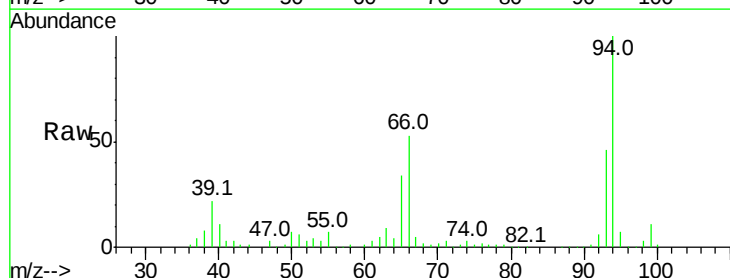
Tgt Ion: 94 Resp: 334226

Ion Ratio Lower Upper

94 100

65 34.2 7.9 47.9

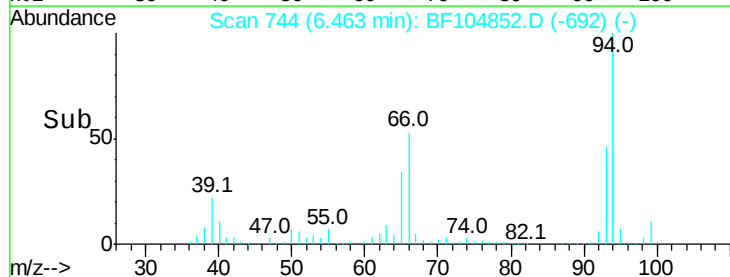
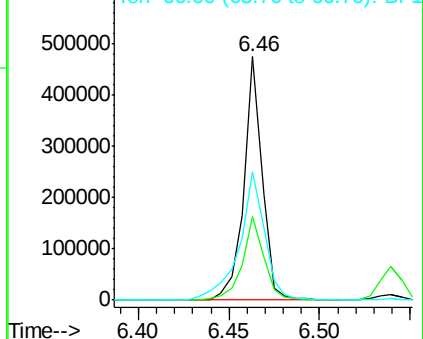
66 52.7 16.2 56.2

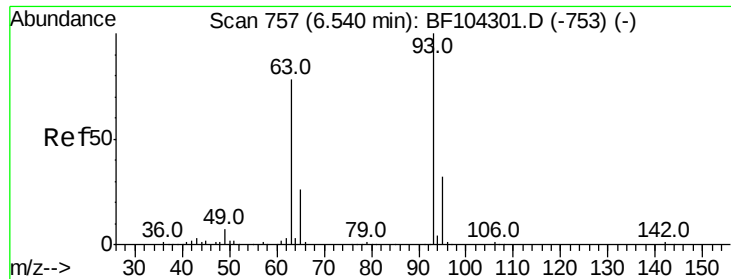


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.938 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

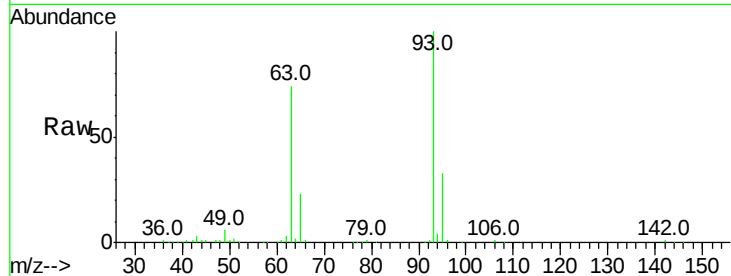
Tot Ion: 93 Resp: 241117

Ion Ratio Lower Upper

93 100

63 74.3 58.6 98.6

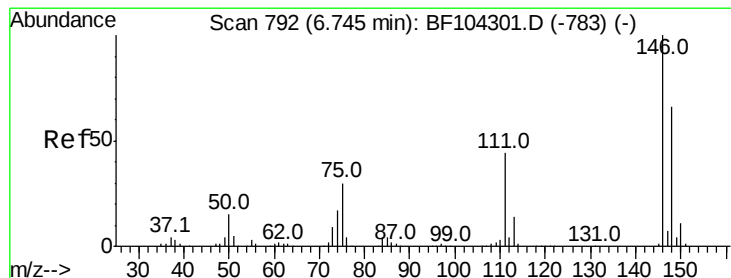
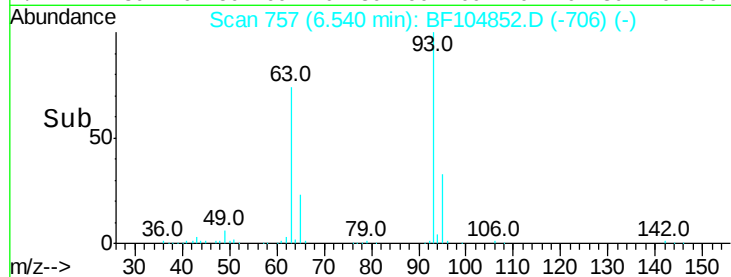
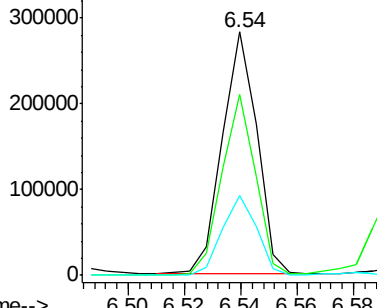
95 32.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.637 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

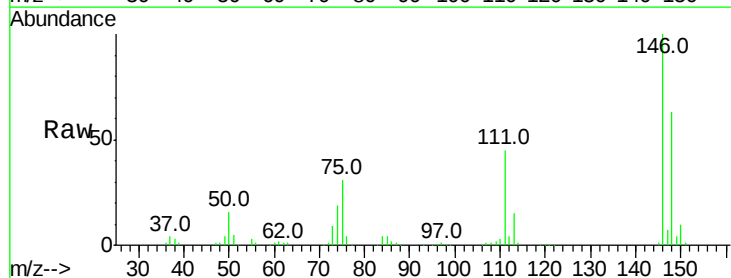
Tgt Ion: 146 Resp: 266814

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.8

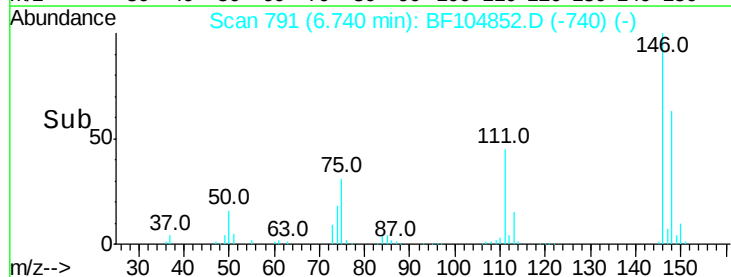
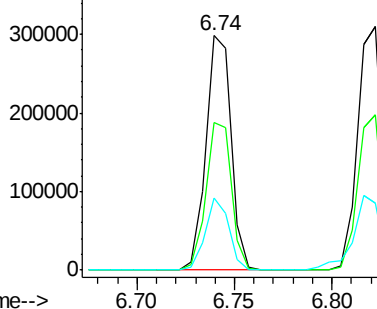
75 30.8 24.2 36.4

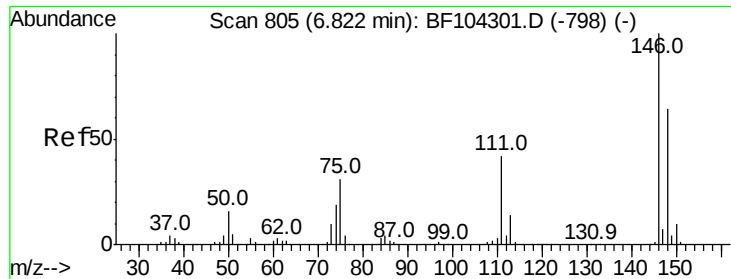


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

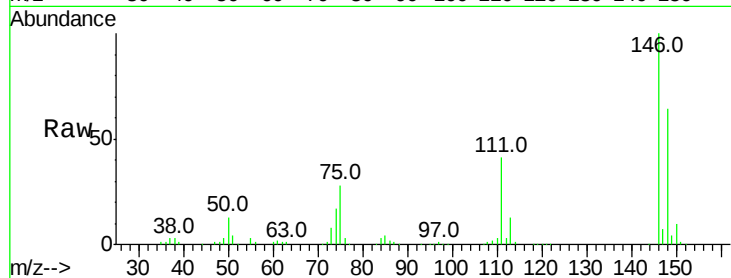




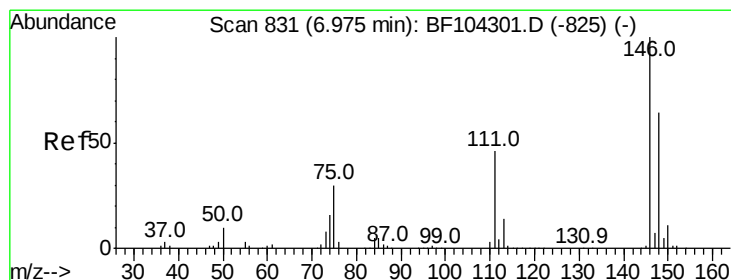
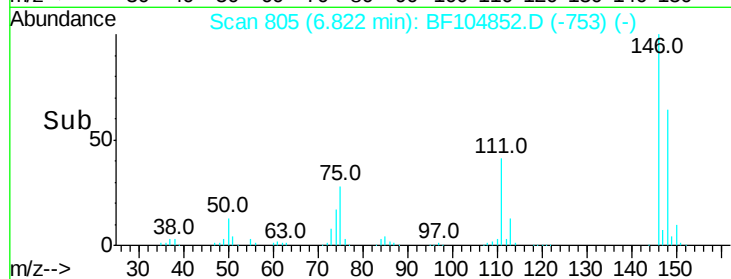
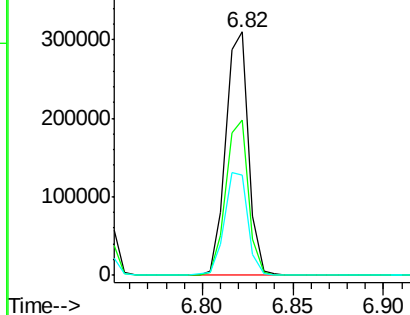
#13
 1,4-Dichlorobenzene
 Concen: 34.332 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 271463
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 41.1 34.2 51.2

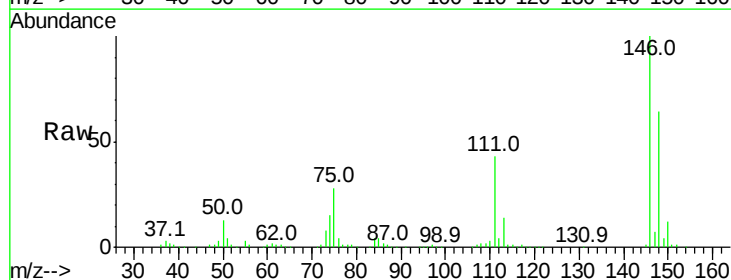


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

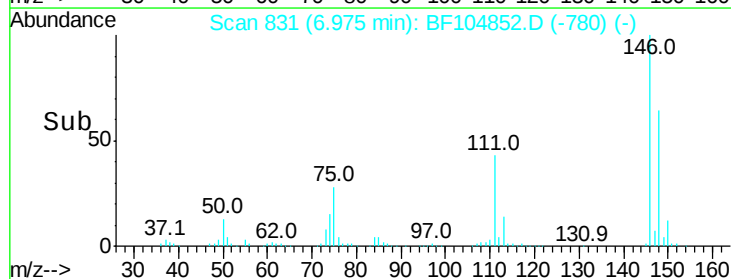
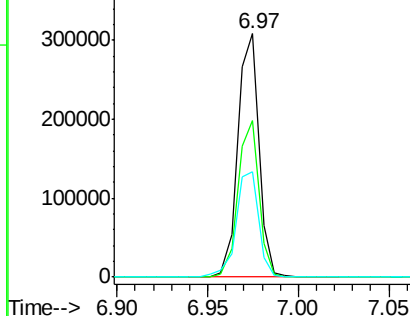


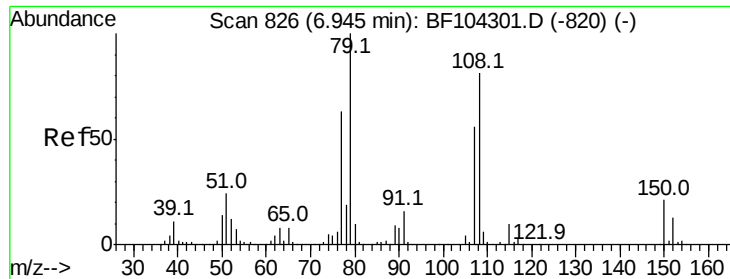
#14
 1,2-Dichlorobenzene
 Concen: 34.227 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:146 Resp: 250795
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 43.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

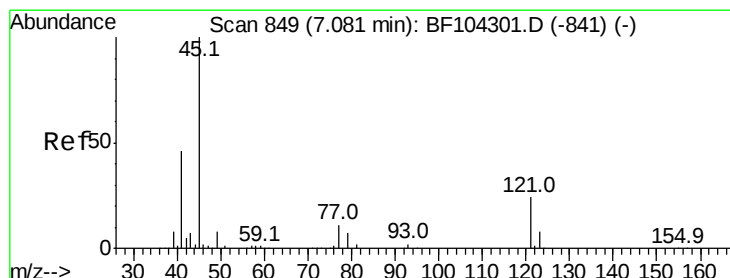
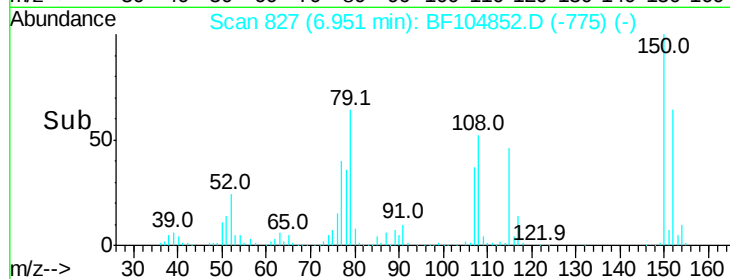
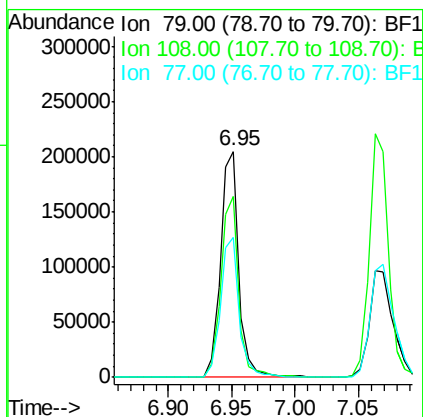
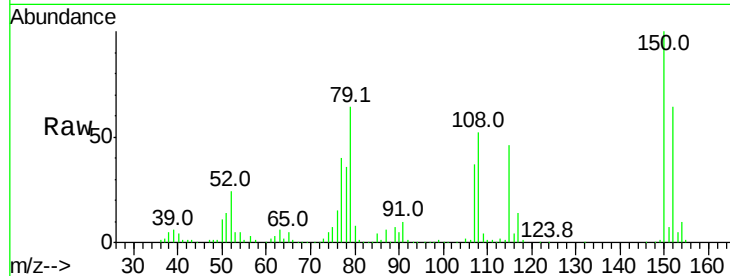




#15
Benzyl Alcohol
Concen: 33.393 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

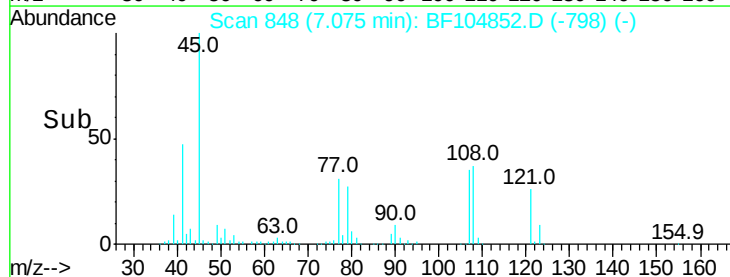
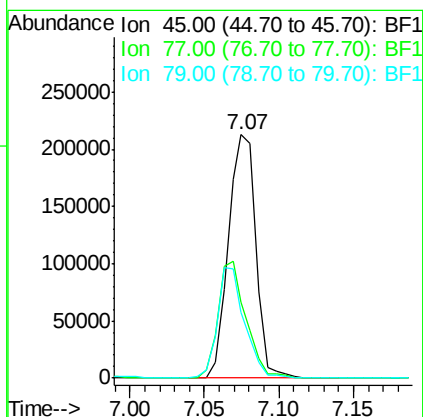
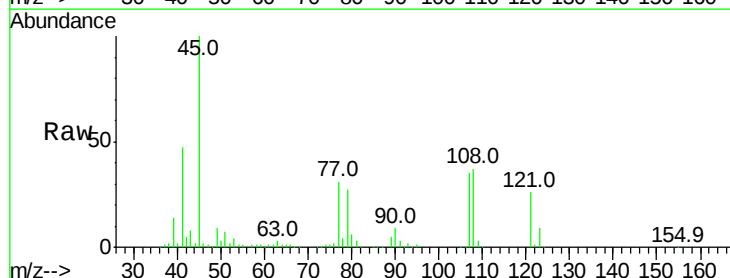
Instrument :
BNA_F
ClientSampled :

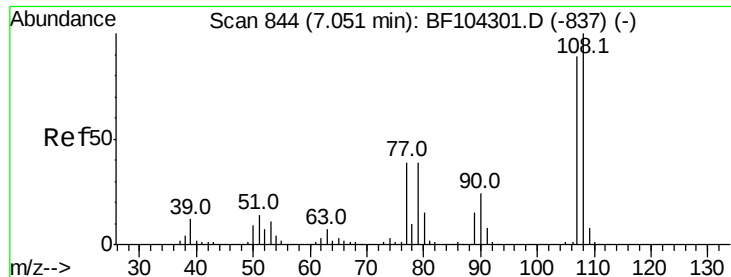
Tot Ion: 79 Resp: 206725
Ion Ratio Lower Upper
79 100
108 80.2 65.1 97.7
77 62.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.672 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion: 45 Resp: 275004
Ion Ratio Lower Upper
45 100
77 31.4 0.0 32.9
79 26.8 0.0 29.6





#17

2-Methylphenol

Concen: 33.901 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 206332

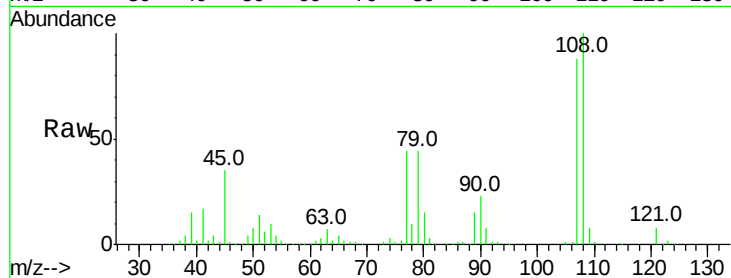
Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 49.9 33.8 50.8

79 49.4 33.8 50.8

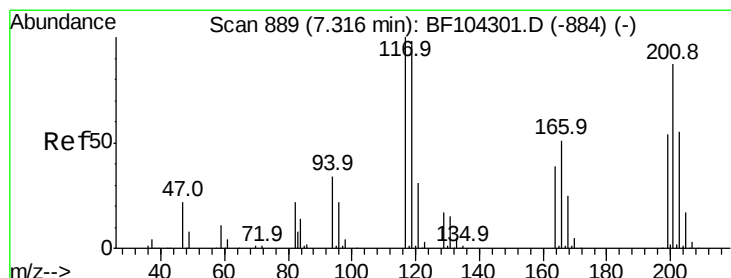
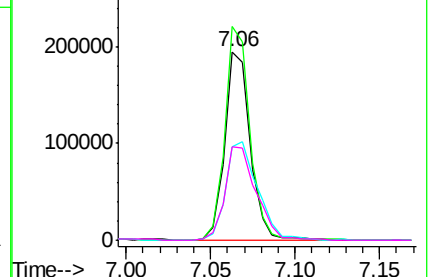
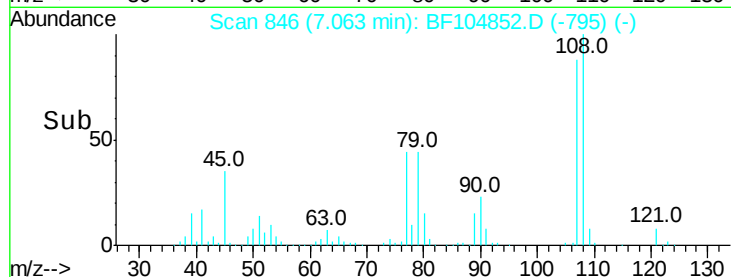


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.272 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

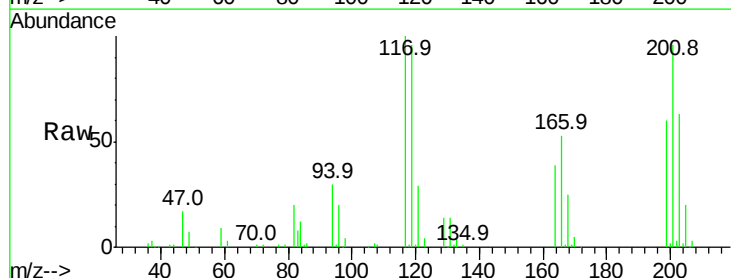
Tgt Ion:117 Resp: 68428

Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.8

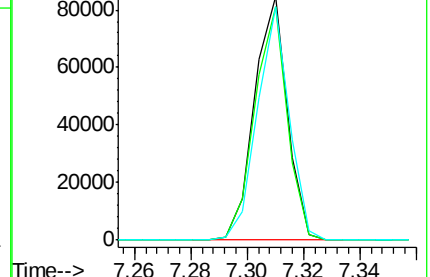
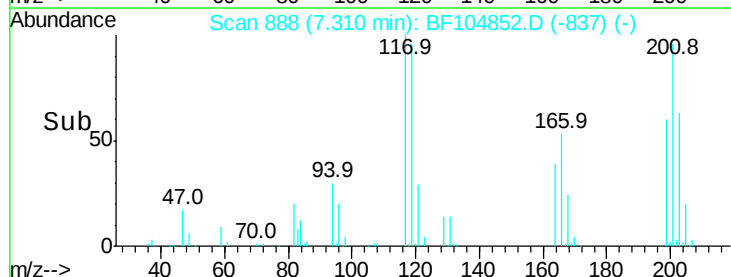
201 96.0 75.7 113.5

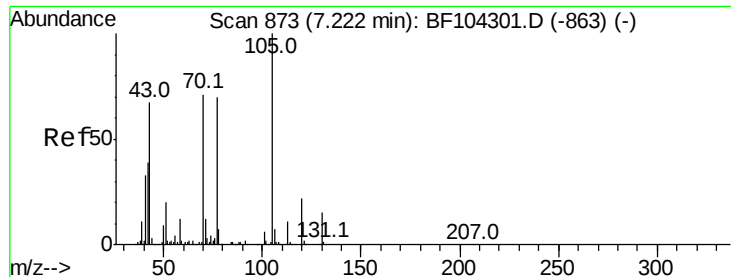


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

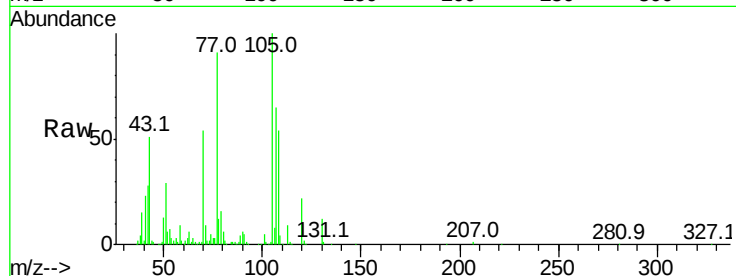




#19
n-Nitroso-di-n-propylamine
Concen: 30.151 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	70	Resp	160588
Ion Ratio	Lower	Upper	
70	100		
42	51.7	47.5	71.3
101	9.5	7.4	11.2
130	21.5	16.6	25.0



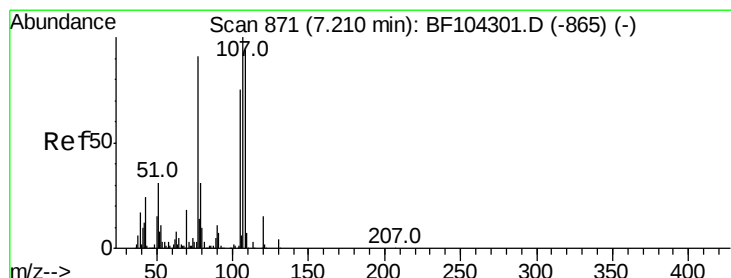
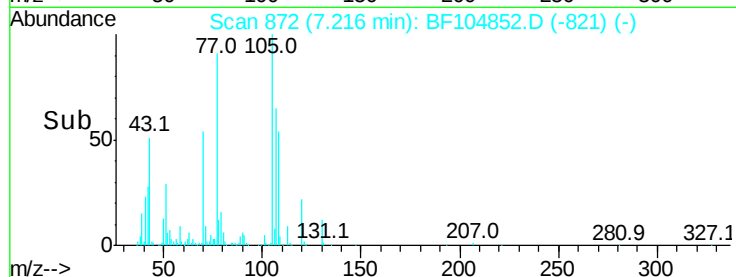
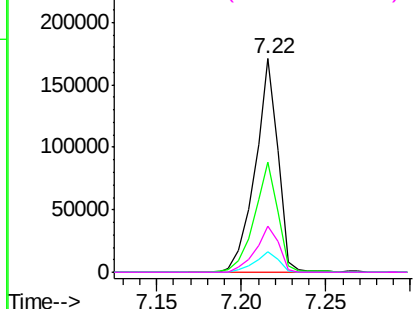
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

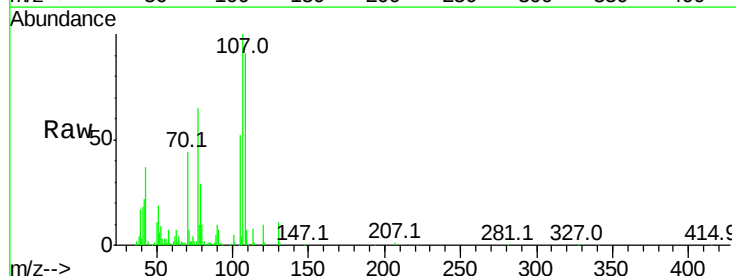
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 33.984 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion	107	Resp	256528
Ion Ratio	Lower	Upper	
107	100		
108	90.5	68.2	108.2
77	64.8	26.7	66.7
79	29.3	6.3	46.3



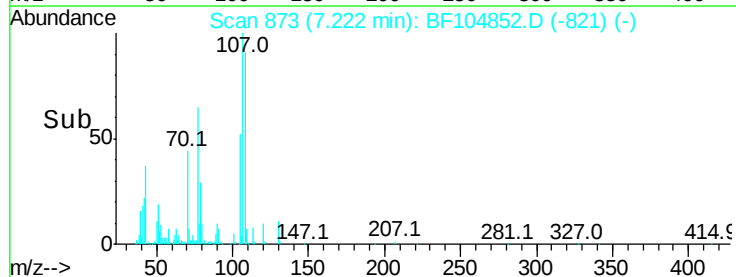
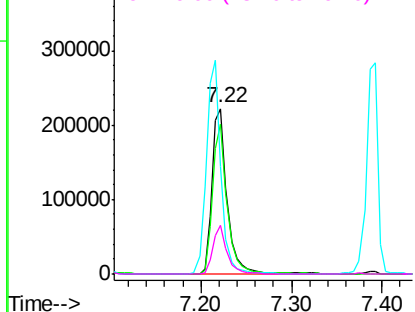
Abundance

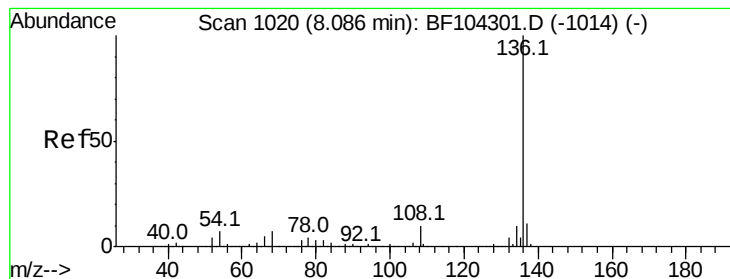
Ion 107.00 (106.70 to 107.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 381269

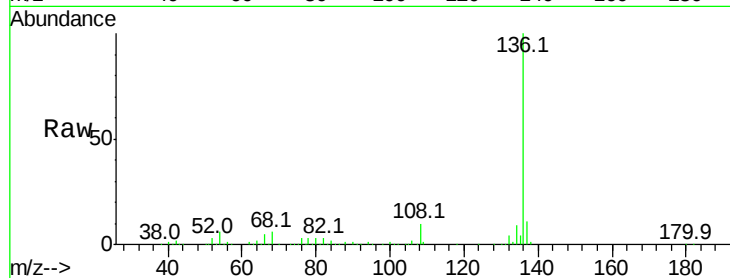
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.1 6.6 9.8#

68 5.8 5.0 7.4

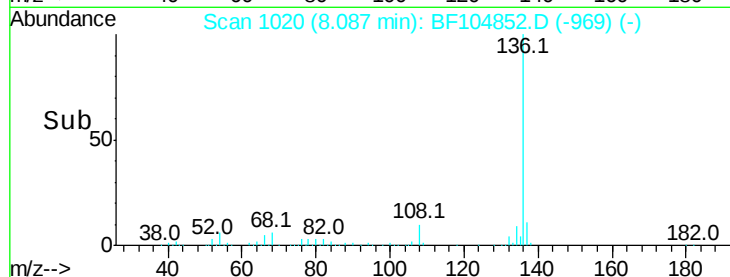


Abundance Ion 136.00 (135.70 to 136.70): E

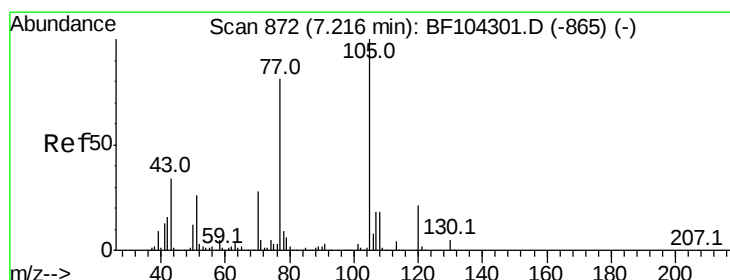
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.05 8.10 8.15 8.20



#22

Acetophenone

Concen: 36.093 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Tgt Ion:105 Resp: 338789

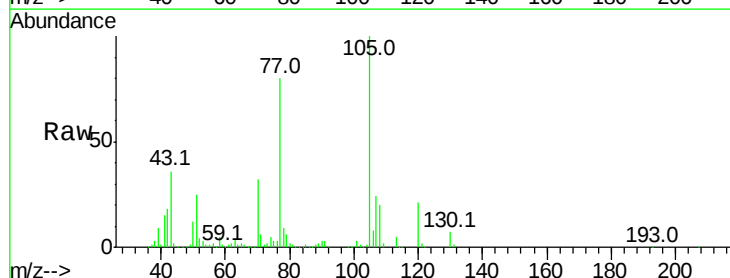
Ion Ratio Lower Upper

105 100

71 5.6 4.4 6.6

51 25.2 22.3 33.5

120 20.8 16.9 25.3

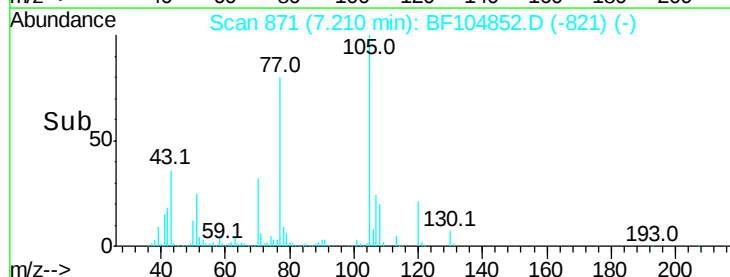


Abundance Ion 105.00 (104.70 to 105.70): E

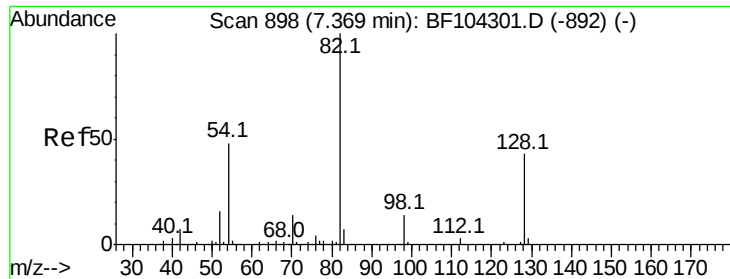
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



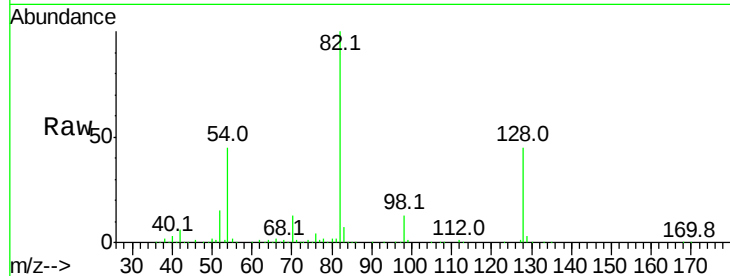
Time--> 7.15 7.20 7.25 7.30



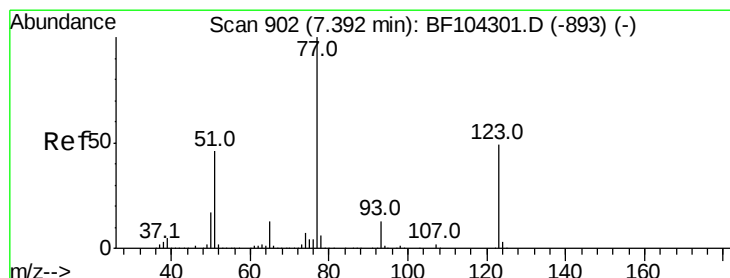
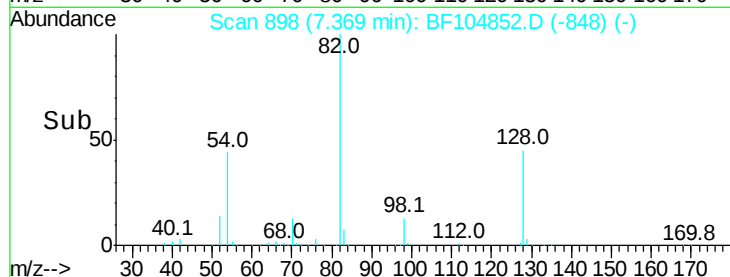
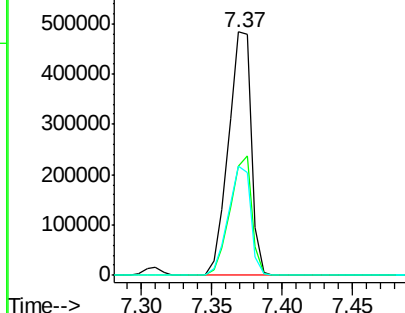
#23
Nitrobenzene-d5
Concen: 93.452 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	545658
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	44.7	41.4	62.2

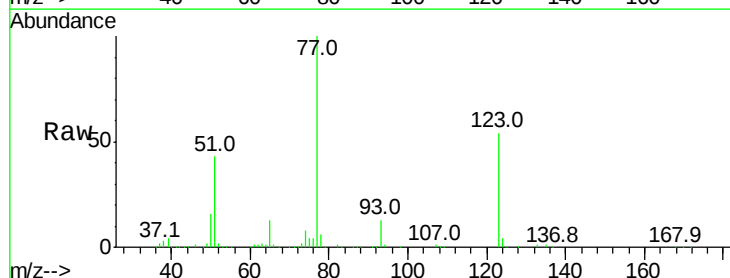


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

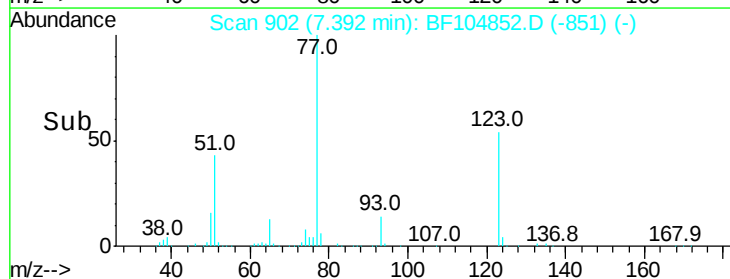
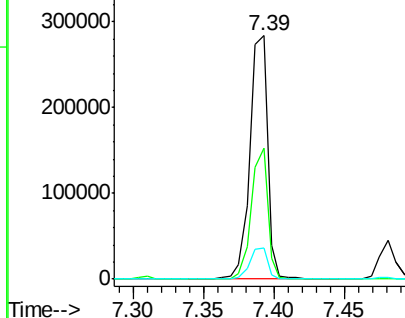


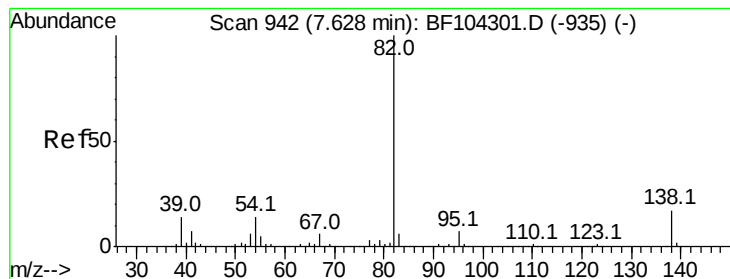
#24
Nitrobenzene
Concen: 38.875 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion	77	Resp	250607
Ion	Ratio	Lower	Upper
77	100		
123	53.9	37.9	56.9
65	12.7	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: 35.394 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

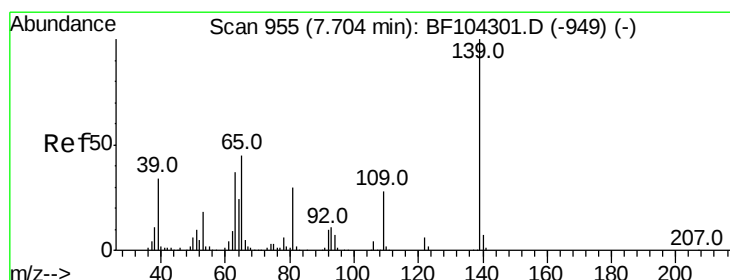
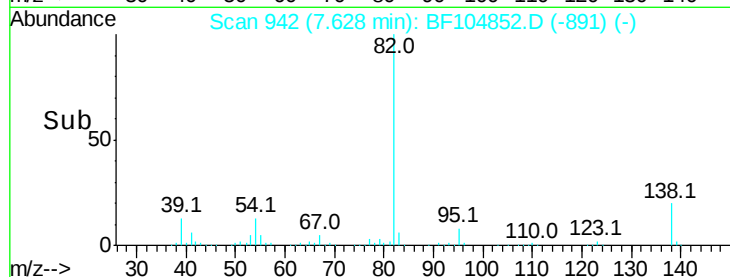
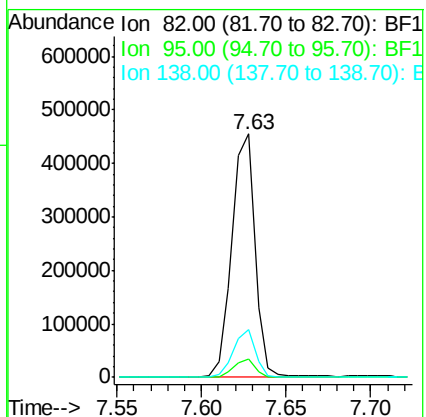
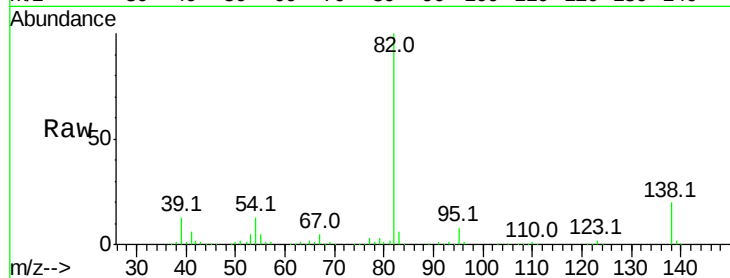
Tot Ion: 82 Resp: 437010

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 48.132 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

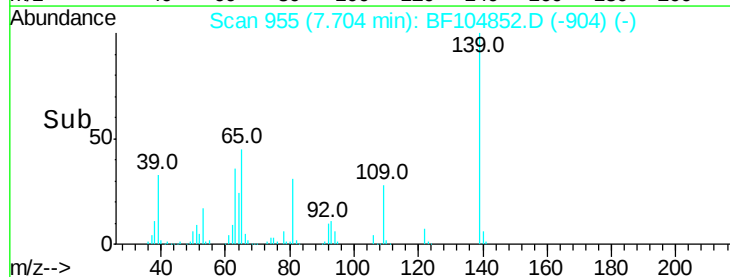
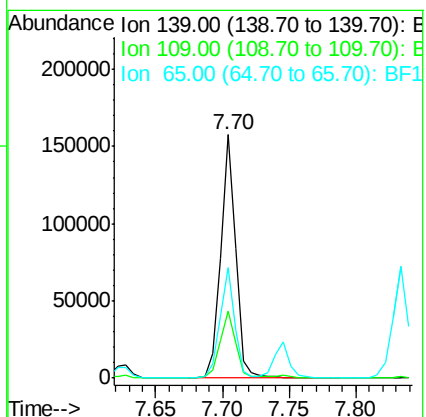
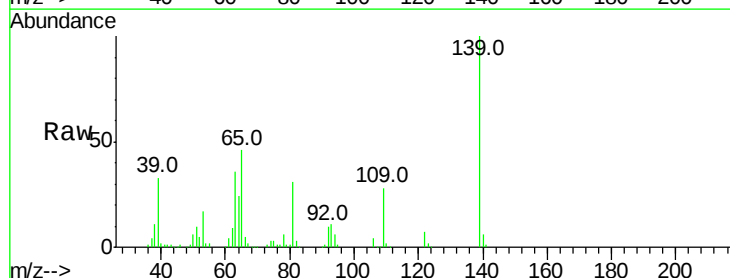
Tgt Ion: 139 Resp: 126317

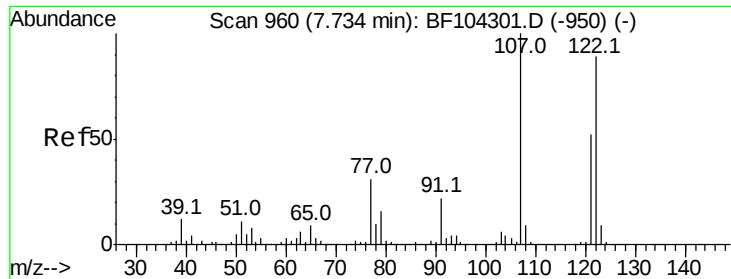
Ion Ratio Lower Upper

139 100

109 27.5 22.7 34.1

65 45.6 40.5 60.7

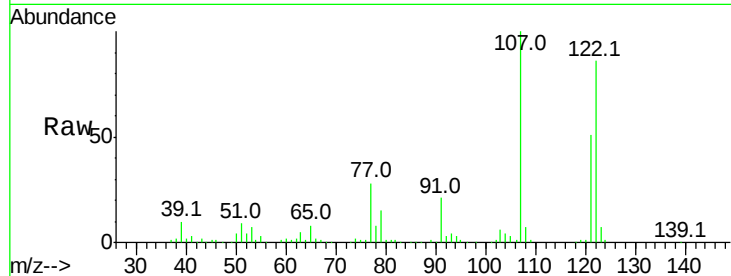




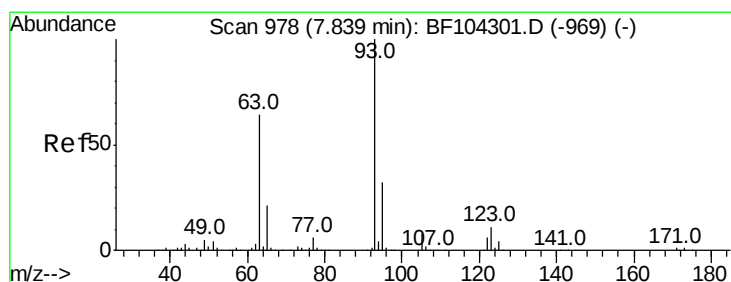
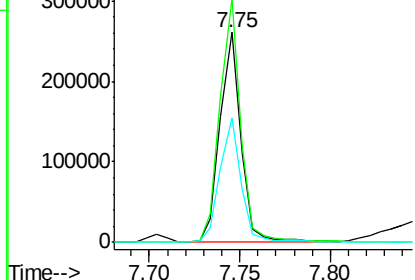
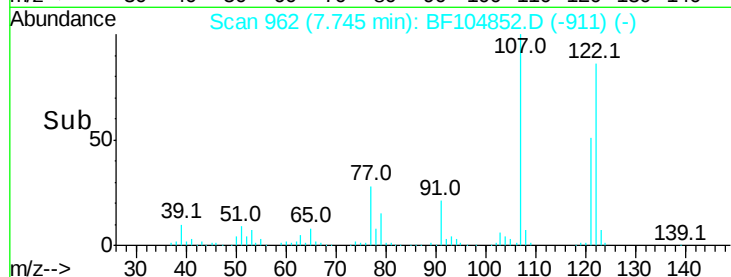
#27
2,4-Dimethylphenol
Concen: 39.050 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 212793
Ion Ratio Lower Upper
122 100
107 115.8 91.2 136.8
121 59.3 47.2 70.8

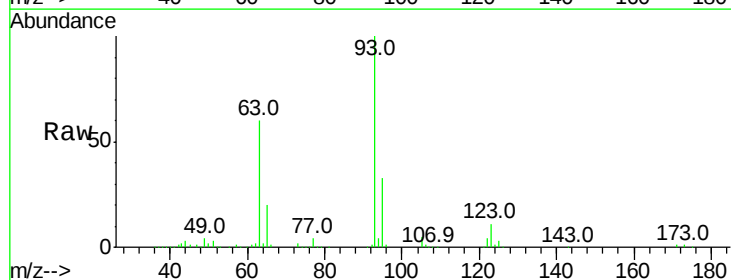


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

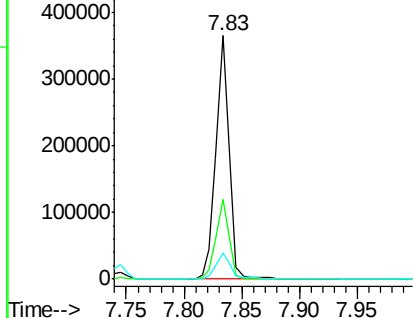
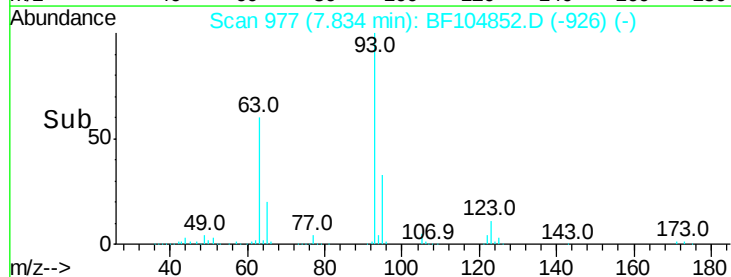


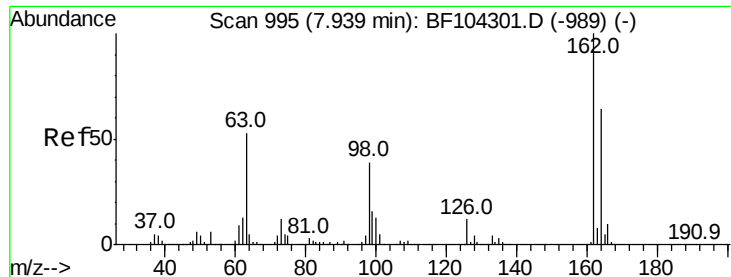
#28
bis(2-Chloroethoxy)methane
Concen: 38.517 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion: 93 Resp: 290773
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 10.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.507 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

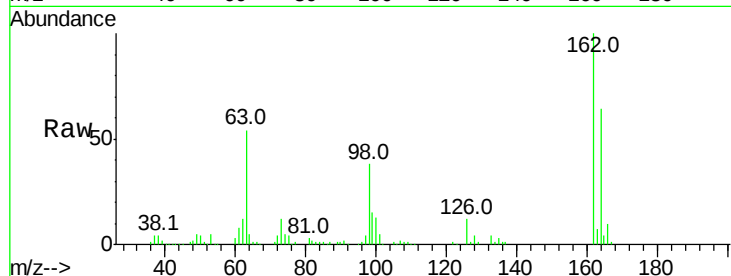
Tot Ion:162 Resp: 195012

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

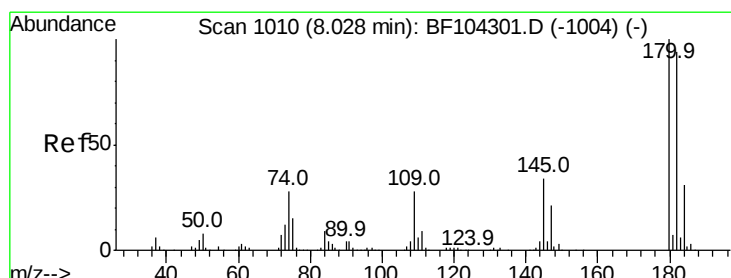
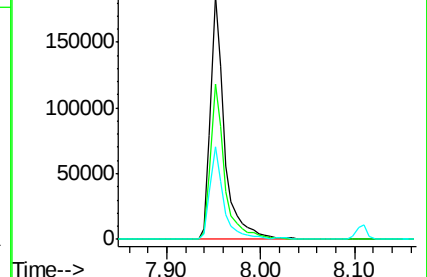
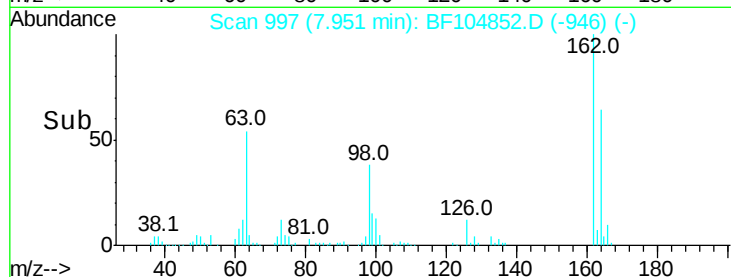
98 38.2 18.1 58.1



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: 34.458 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

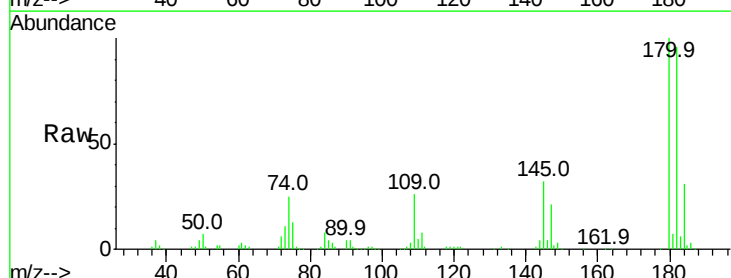
Tgt Ion:180 Resp: 196618

Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

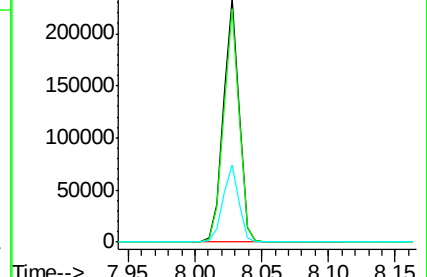
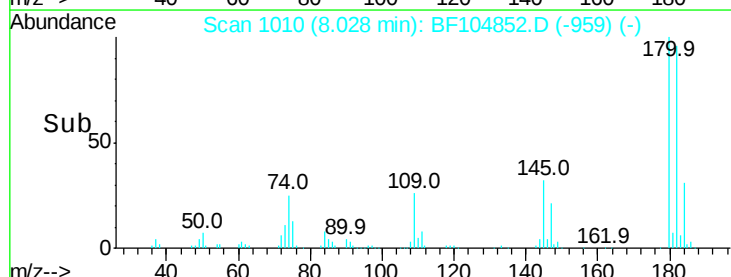
145 31.7 26.5 39.7

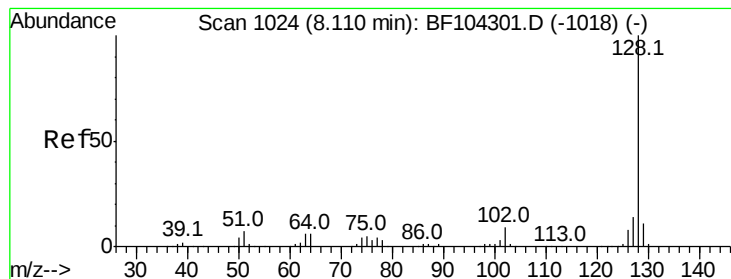


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.433 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

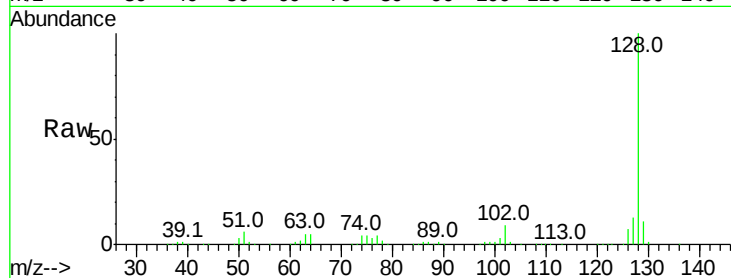
Tot Ion:128 Resp: 653711

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

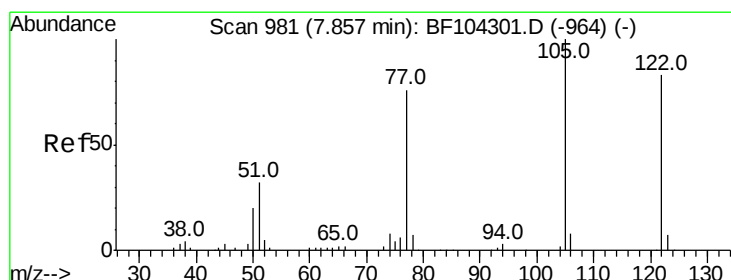
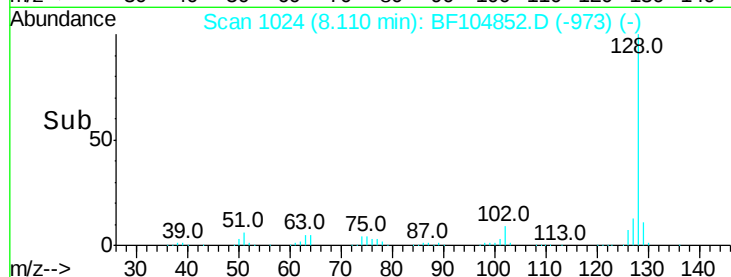
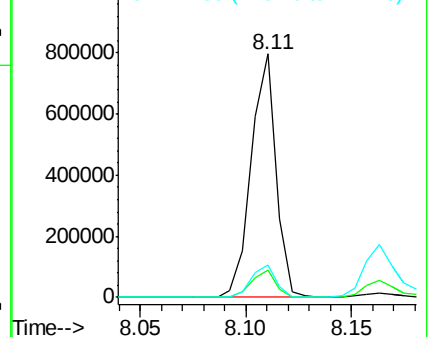
127 13.3 10.9 16.3



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: 19.623 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

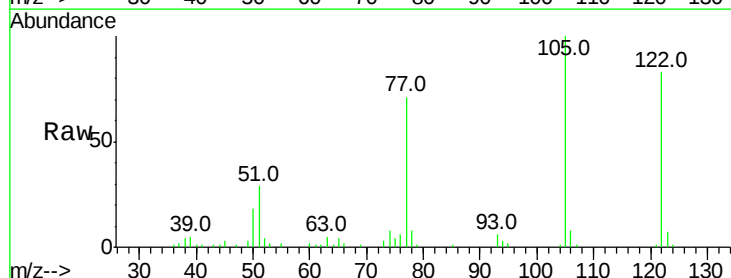
Tgt Ion:122 Resp: 85320

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

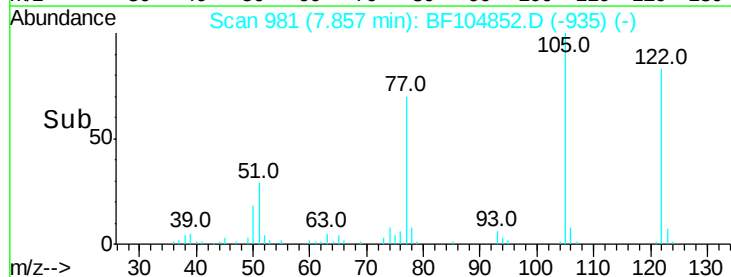
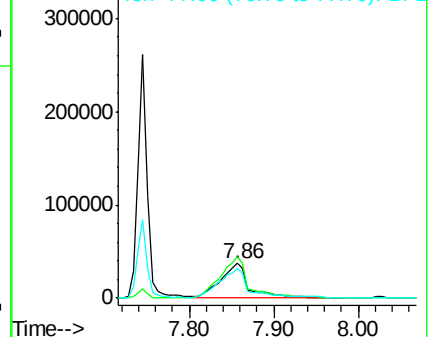
77 85.4 70.7 110.7

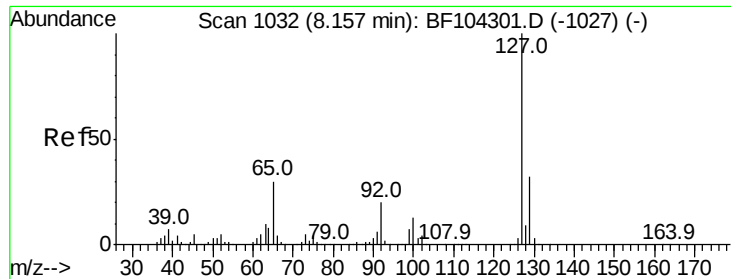


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

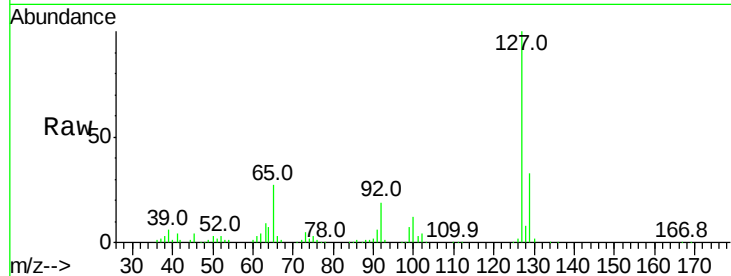




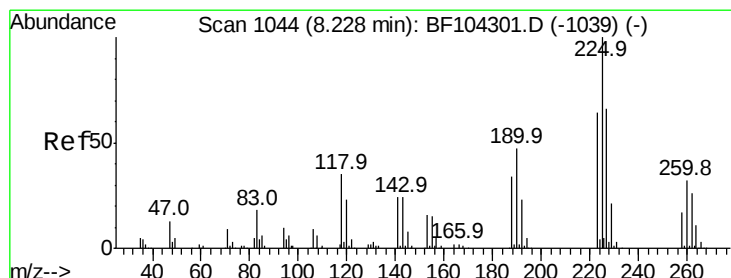
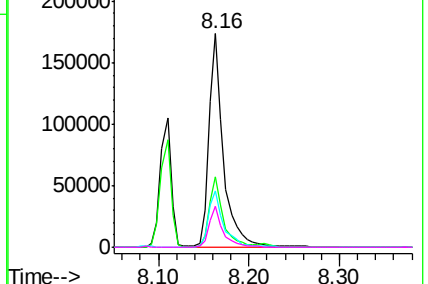
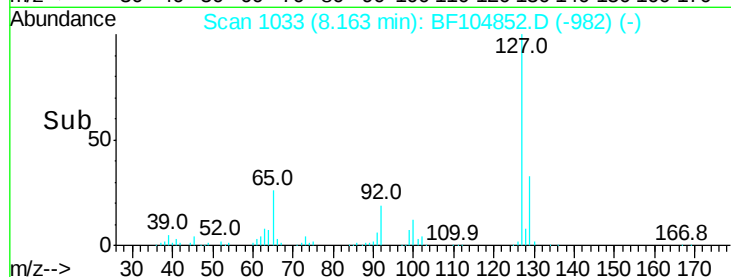
#33
4-Chloroaniline
Concen: 24.150 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	196425
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	26.6	25.0	37.4
92	18.9	15.2	22.8

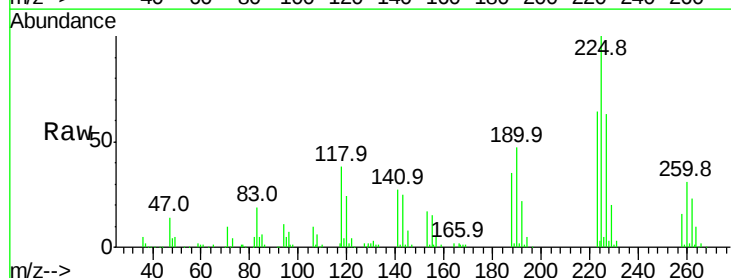


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

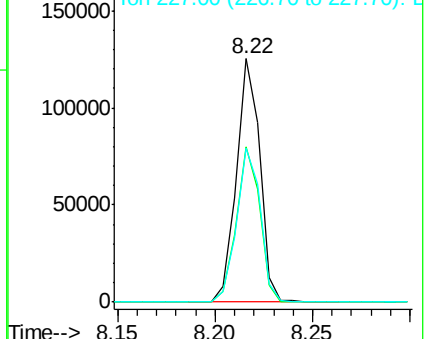
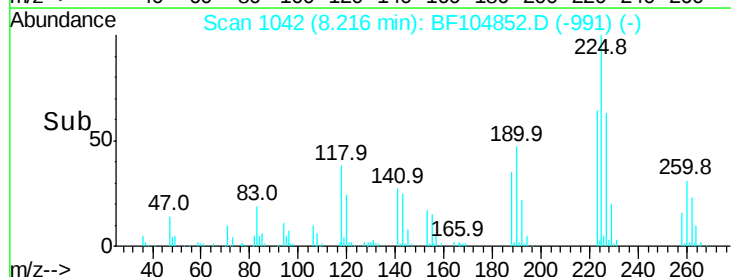


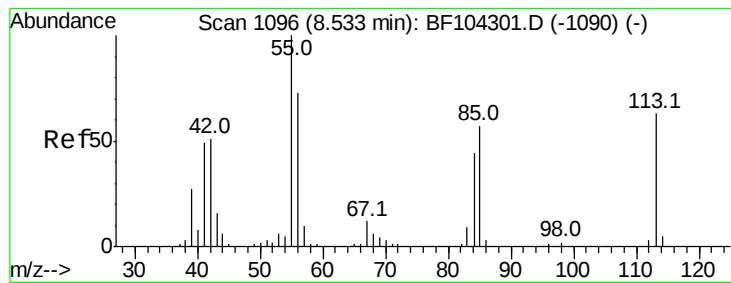
#34
Hexachlorobutadiene
Concen: 33.346 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:	225	Resp:	104222
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.3	51.9	77.9



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





#35

Caprolactam

Concen: 30.594 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampled :

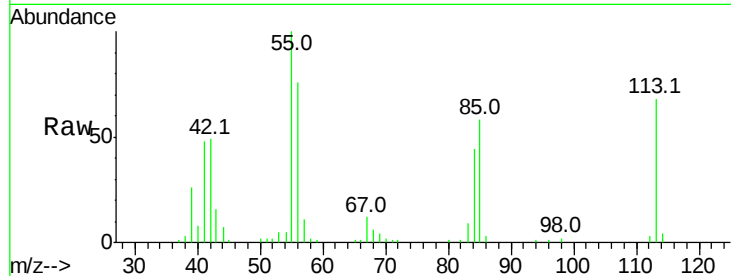
Tot Ion:113 Resp: 55492

Ion Ratio Lower Upper

113 100

55 147.0 163.3 203.3#

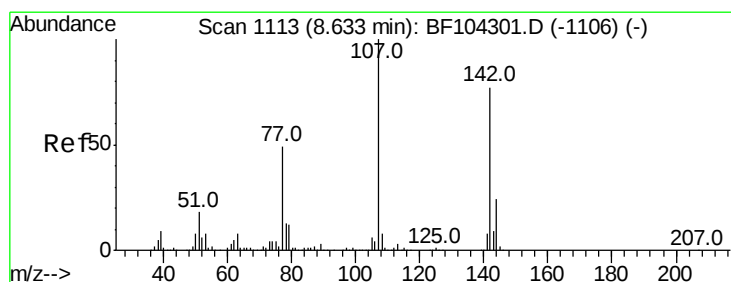
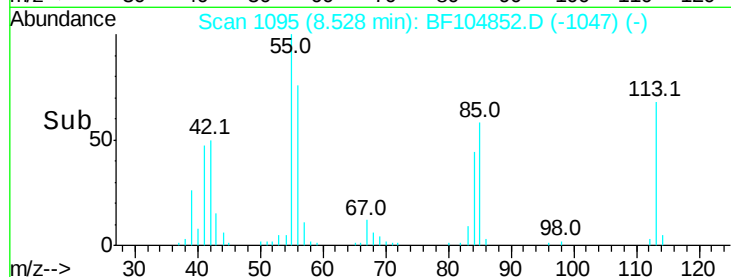
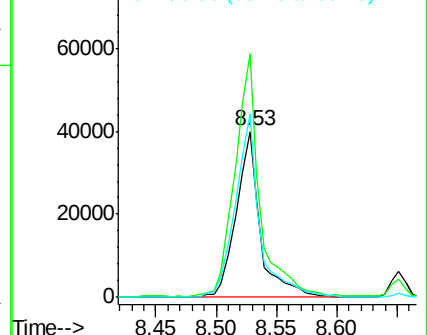
56 111.1 115.7 155.7#



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: 34.674 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

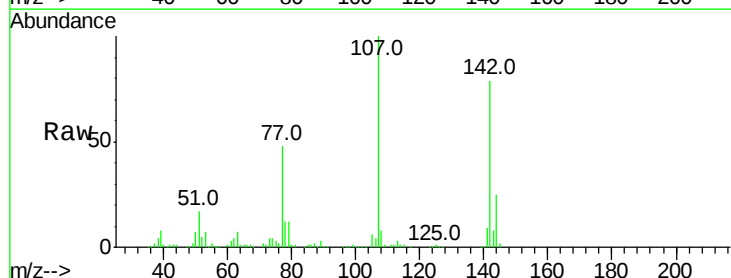
Tgt Ion:107 Resp: 193309

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

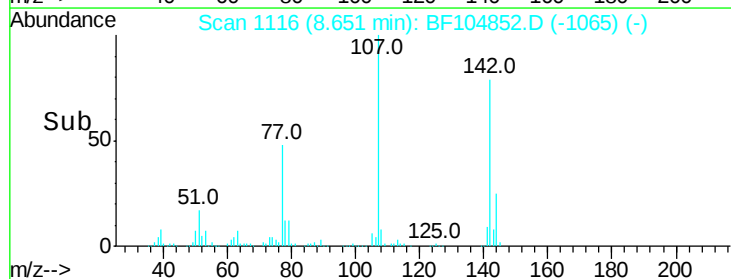
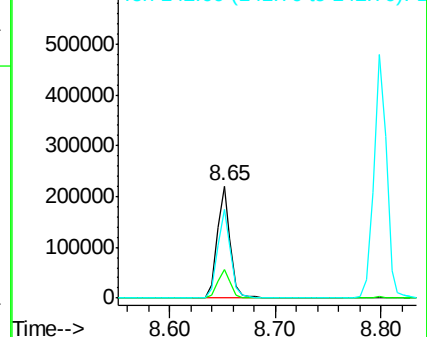
142 78.6 62.0 93.0

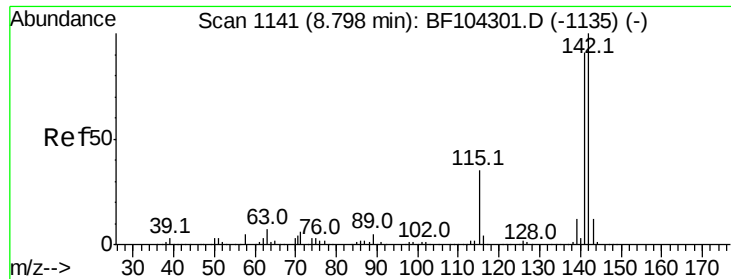


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

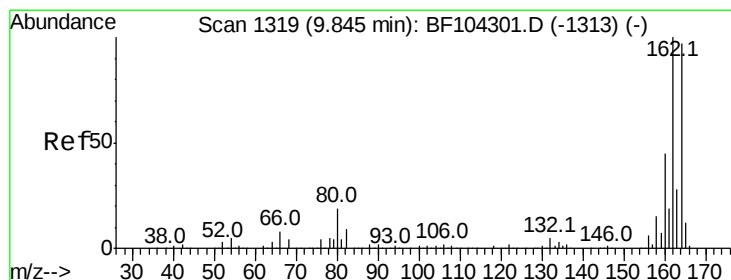
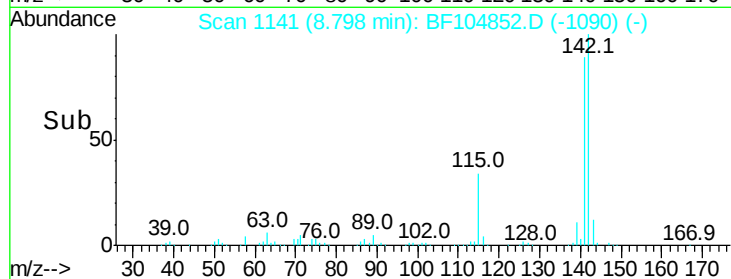
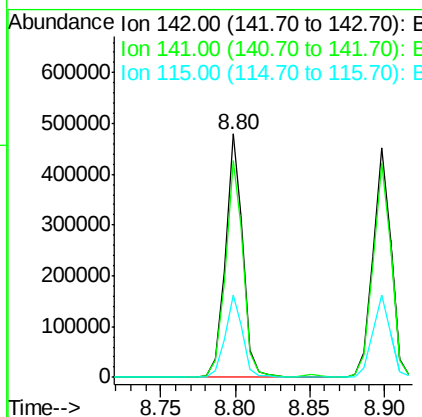
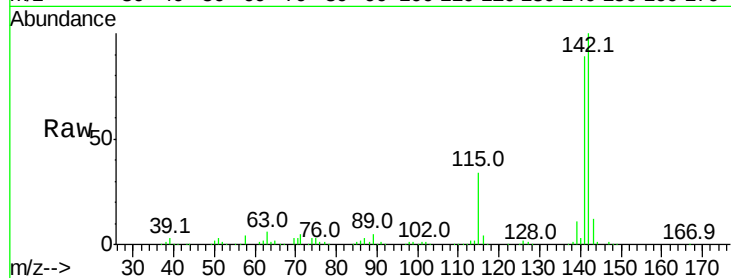




#37
 2-Methylnaphthalene
 Concen: 32.446 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

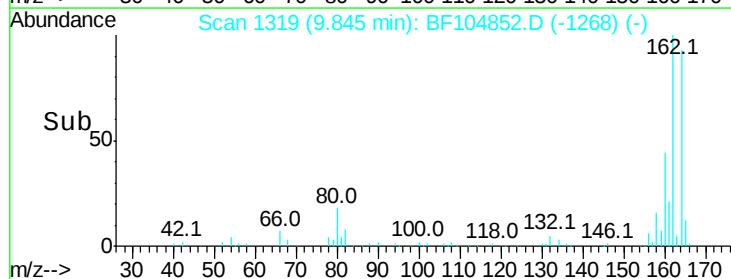
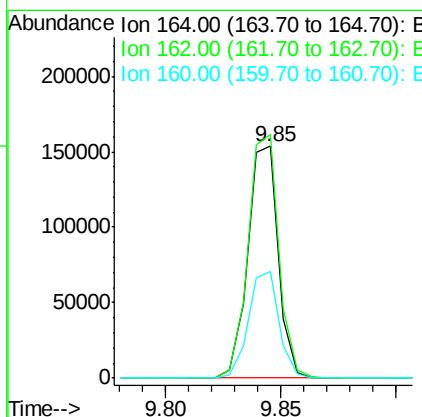
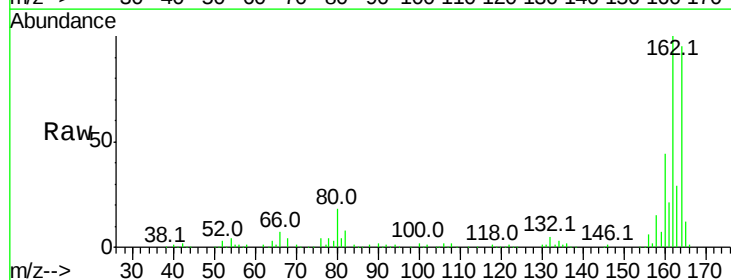
Instrument :
 BNA_F
 ClientSampleId :

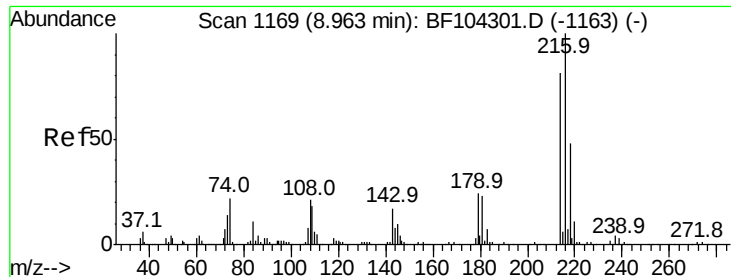
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	33.7	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.595 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 164851

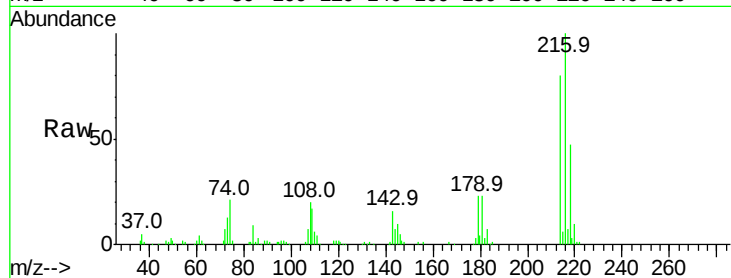
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.4 18.1 27.1

108 18.1 17.2 25.8

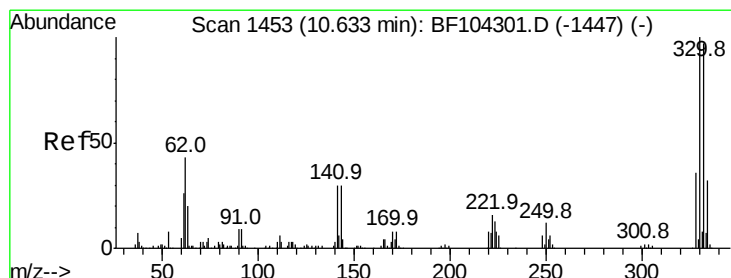
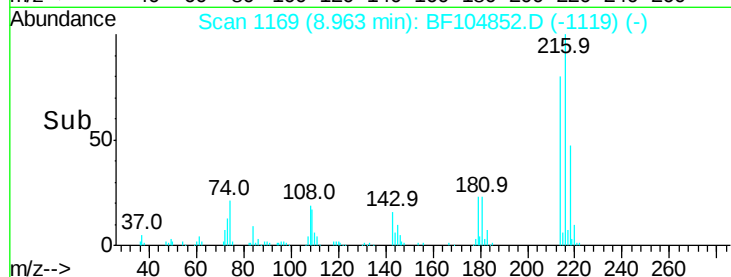
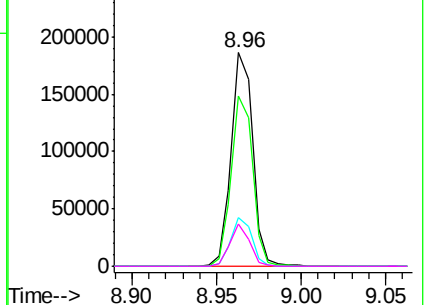


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 108.899 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

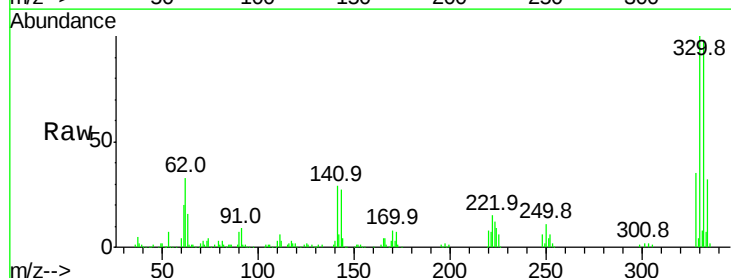
Tgt Ion:330 Resp: 160252

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

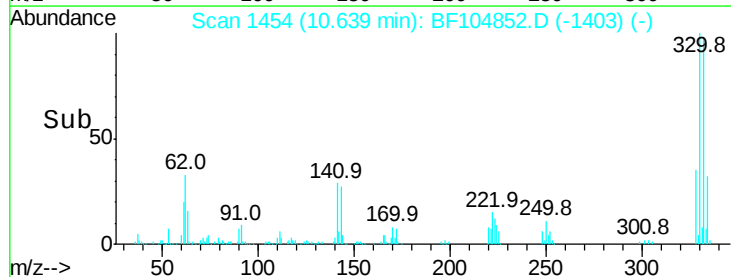
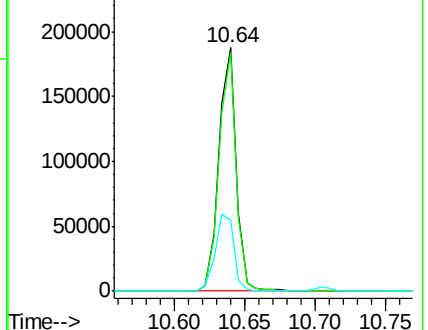
141 33.9 29.9 44.9

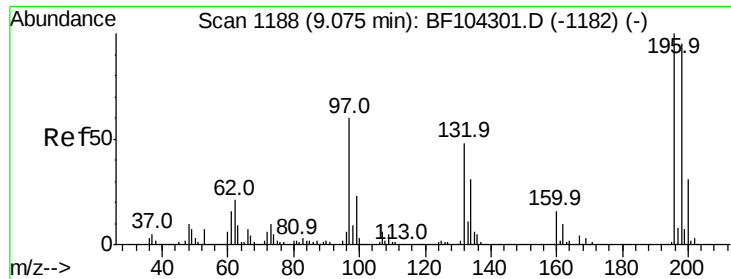


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

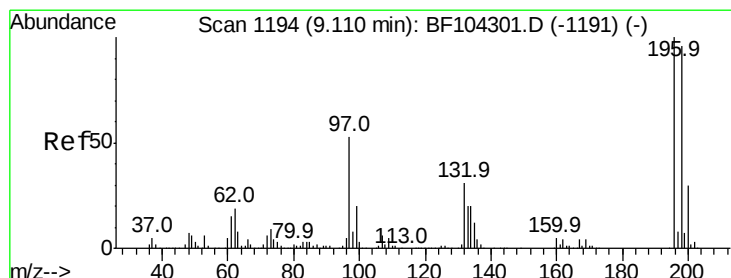
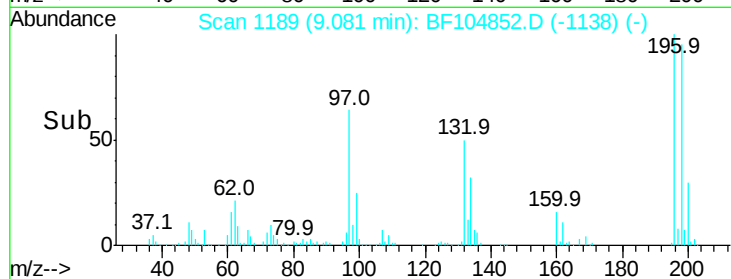
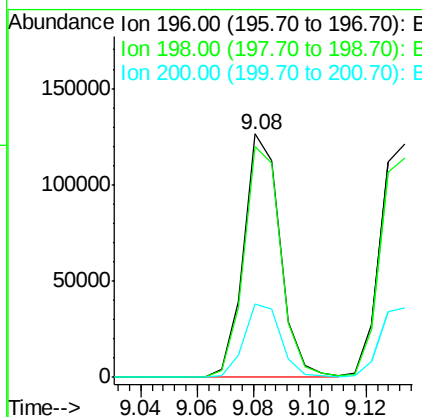
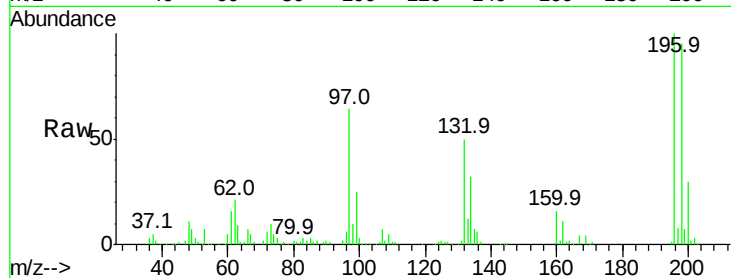




#42
 2,4,6-Trichlorophenol
 Concen: 40.134 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

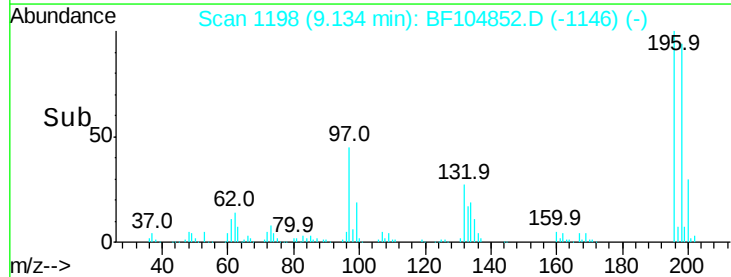
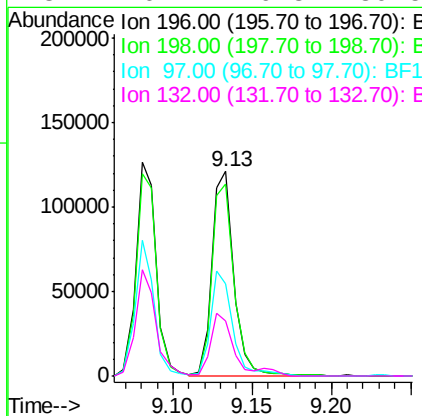
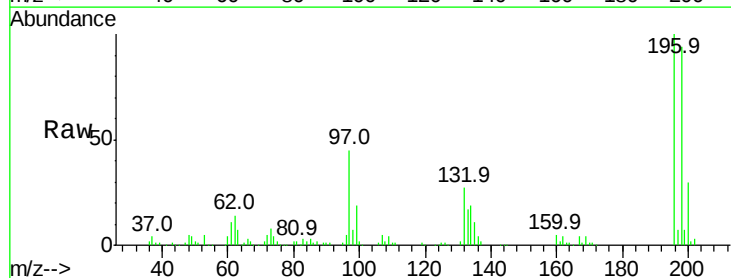
Instrument :
 BNA_F
 ClientSampled :

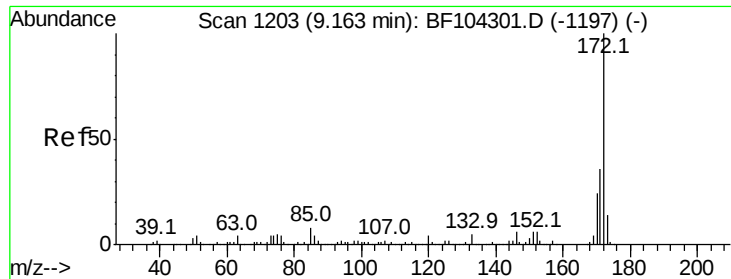
Tot Ion:196 Resp: 113138
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.1 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 37.027 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:196 Resp: 116805
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 44.8 42.9 64.3
 132 26.7 26.3 39.5

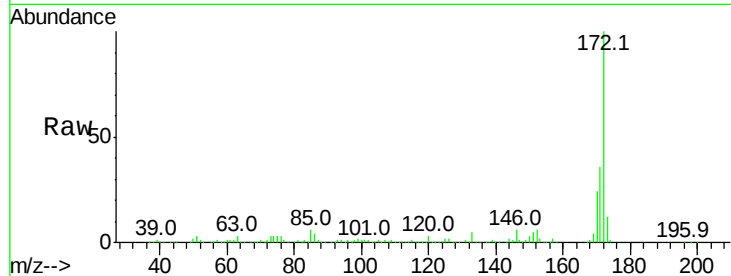




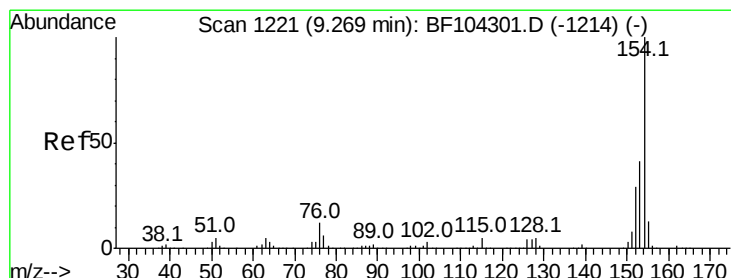
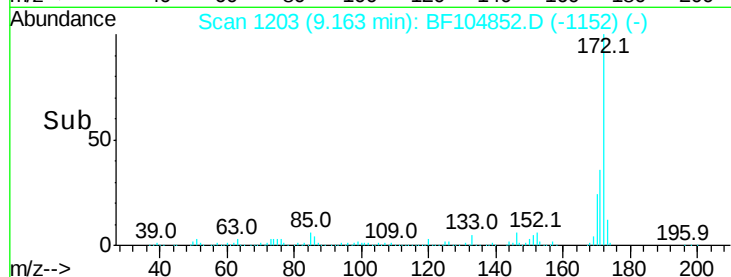
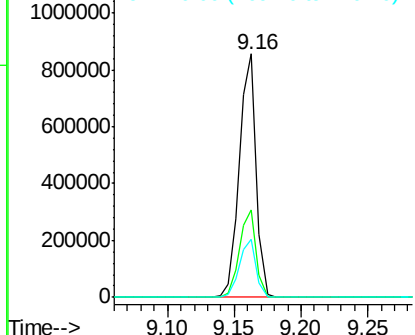
#44
2-Fluorobiphenyl
Concen: 84.013 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 754436
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.9 19.6 29.4

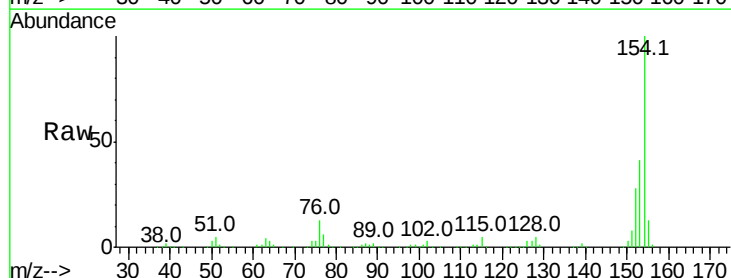


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

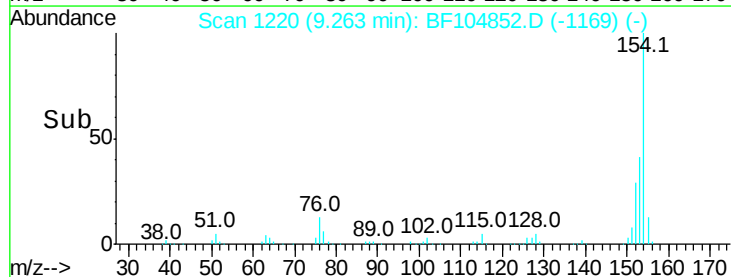
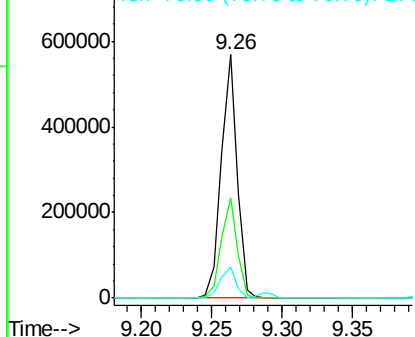


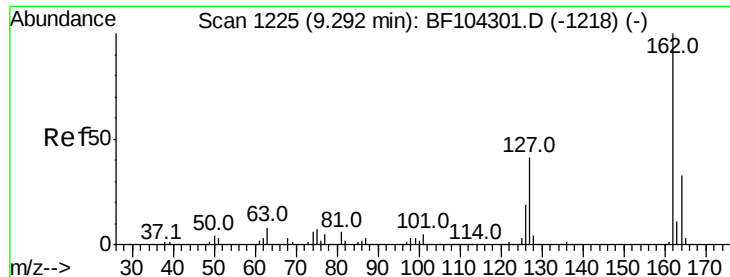
#45
1,1'-Biphenyl
Concen: 37.307 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:154 Resp: 444599
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 12.8 0.0 34.0



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

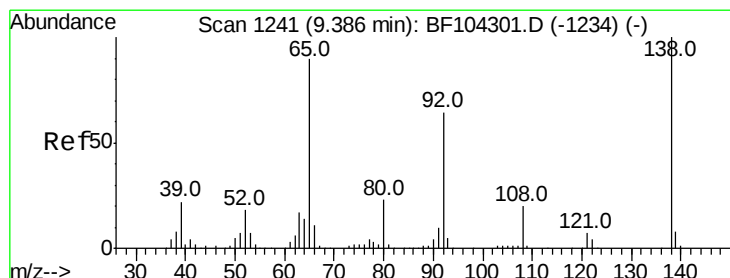
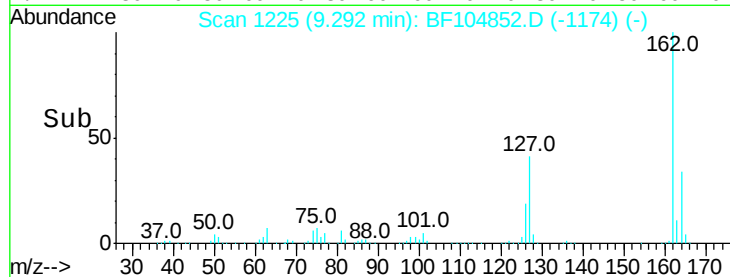
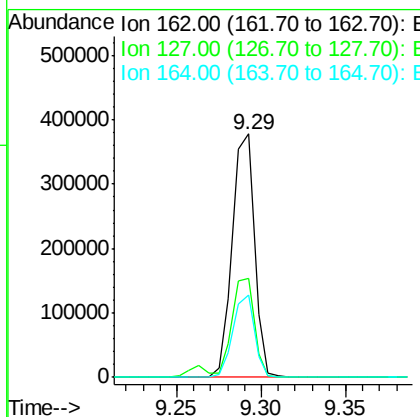
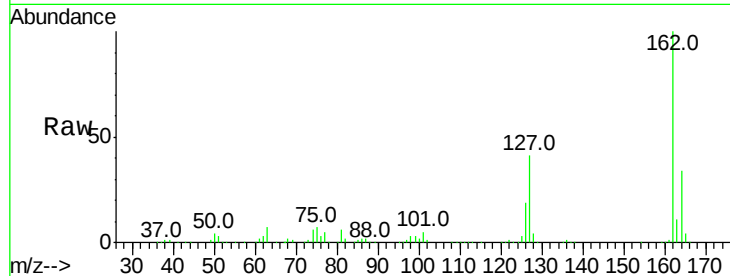




#46
 2-Chloronaphthalene
 Concen: 36.725 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

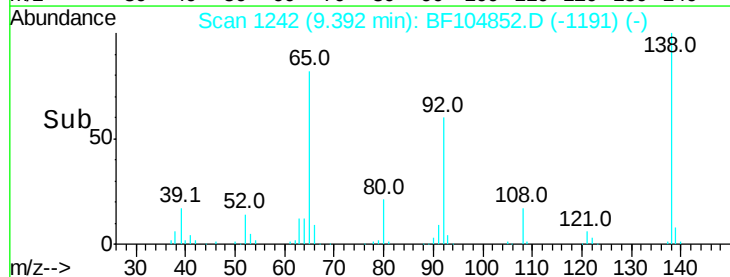
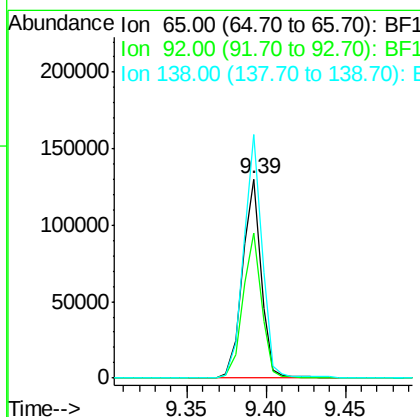
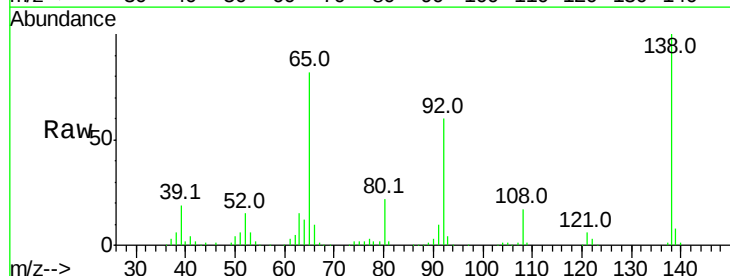
Instrument :
 BNA_F
 ClientSampleId :

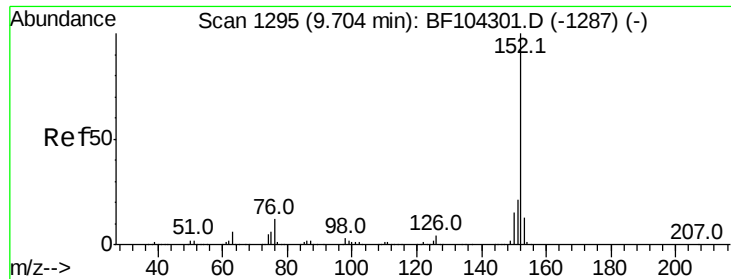
Tot Ion:162 Resp: 345694
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 33.7 26.5 39.7



#47
 2-Nitroaniline
 Concen: 45.929 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion: 65 Resp: 106917
 Ion Ratio Lower Upper
 65 100
 92 73.1 55.8 83.6
 138 122.3 91.2 136.8





#48

Acenaphthylene

Concen: 33.839 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

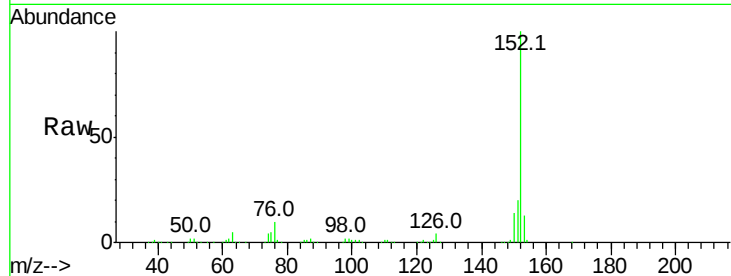
Tot Ion:152 Resp: 499769

Ion Ratio Lower Upper

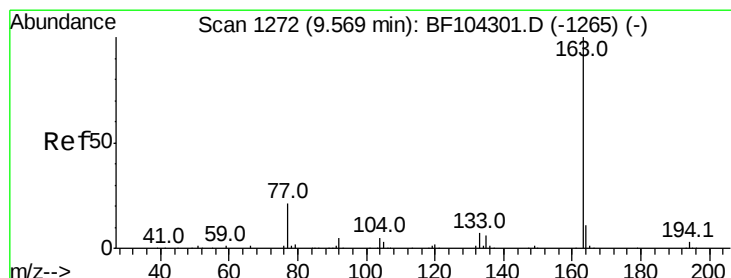
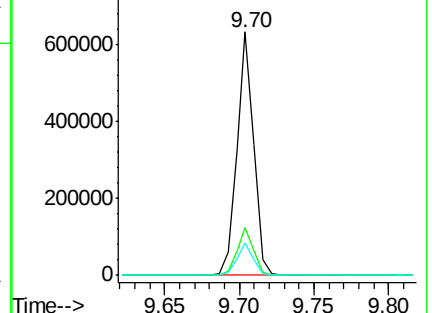
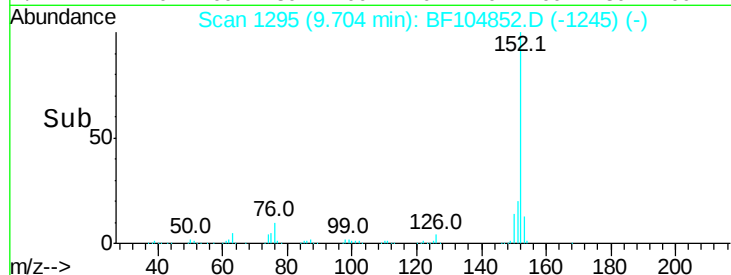
152 100

151 19.8 16.3 24.5

153 13.1 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: 44.823 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

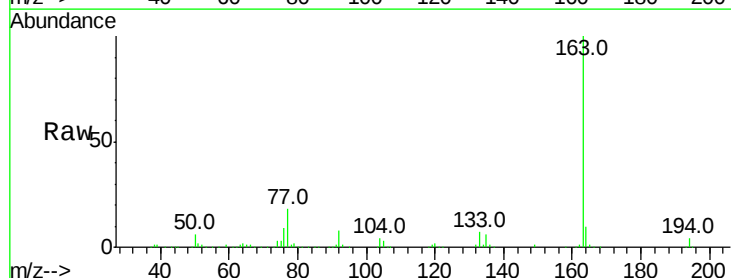
Tgt Ion:163 Resp: 501432

Ion Ratio Lower Upper

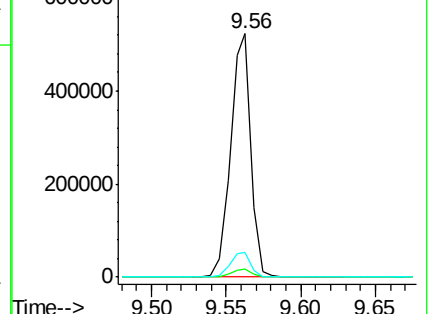
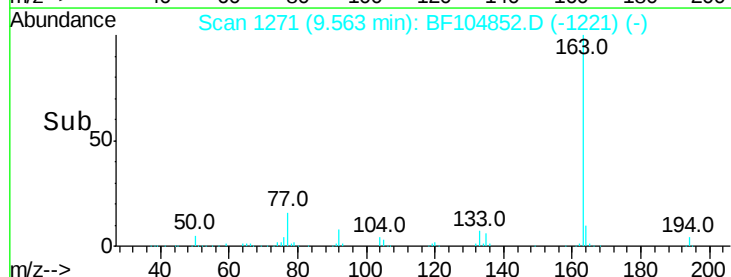
163 100

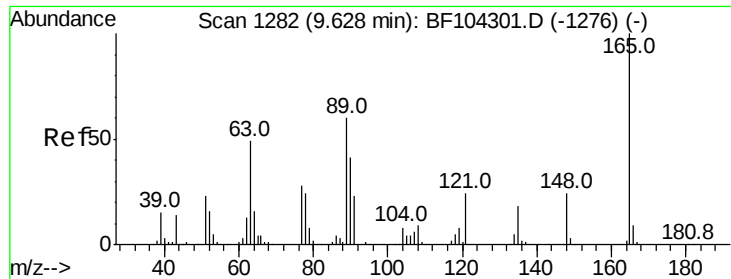
194 3.6 2.7 4.1

164 10.1 8.2 12.2



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

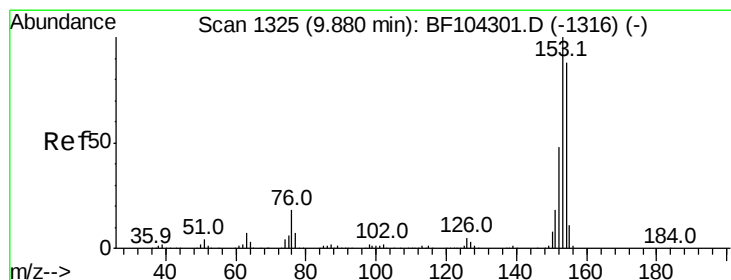
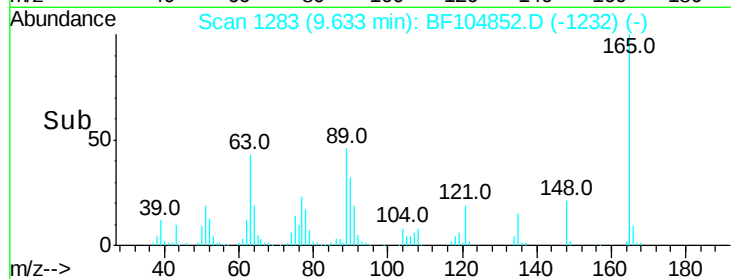
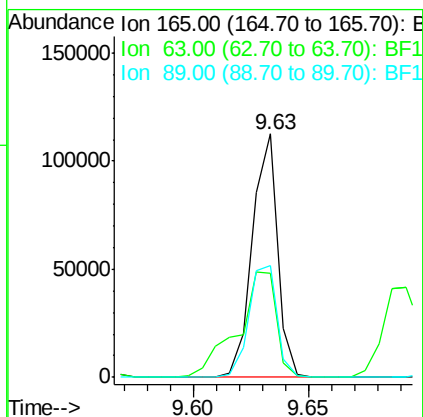
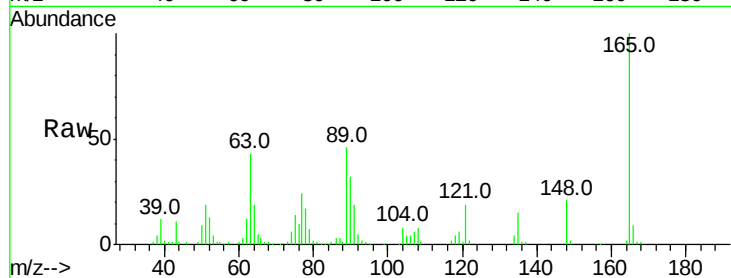




#50
 2,6-Dinitrotoluene
 Concen: 41.774 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

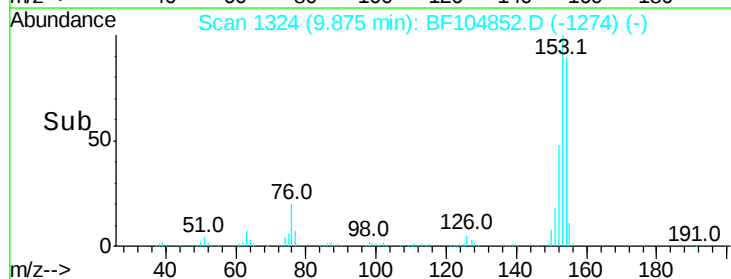
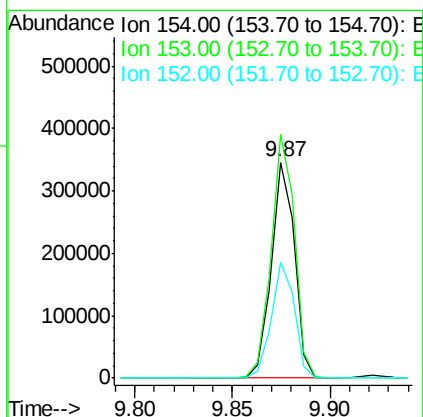
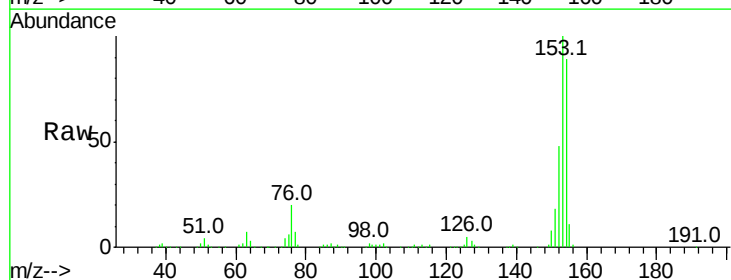
Instrument :
 BNA_F
 ClientSampleId :

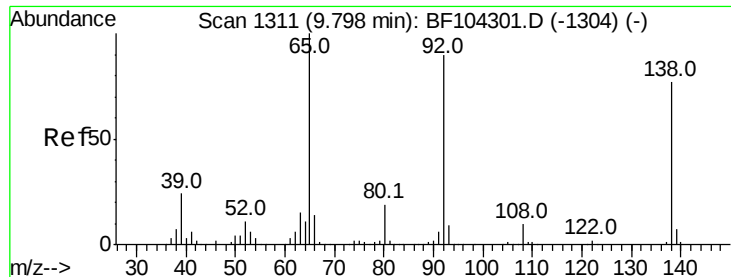
Tot Ion:165 Resp: 86472
 Ion Ratio Lower Upper
 165 100
 63 43.0 44.7 67.1#
 89 46.0 44.0 66.0



#51
 Acenaphthene
 Concen: 31.579 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:154 Resp: 284559
 Ion Ratio Lower Upper
 154 100
 153 112.7 91.2 136.8
 152 53.7 43.8 65.8

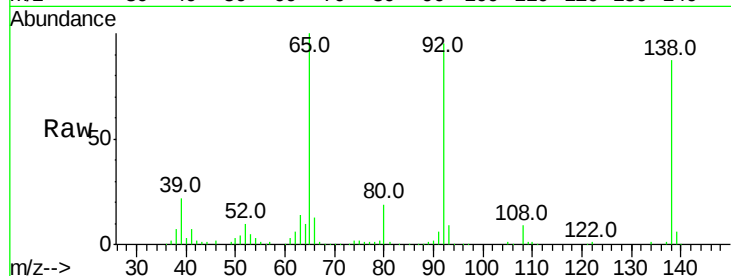




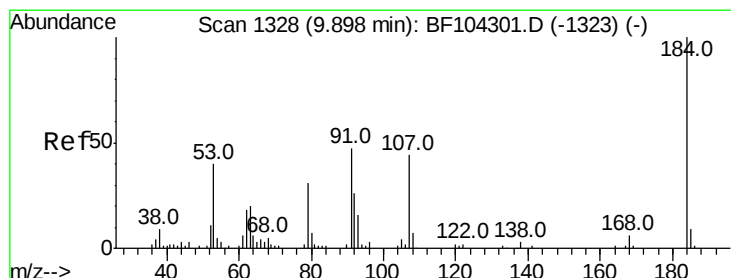
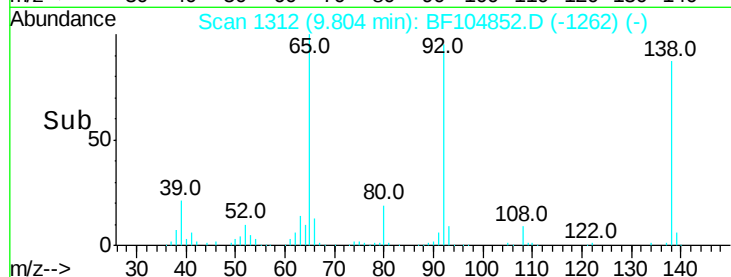
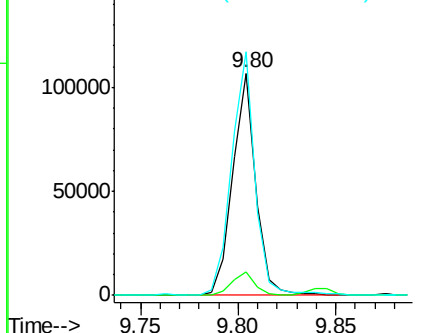
#52
 3-Nitroaniline
 Concen: 36.197 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 87718
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.4 14.0
 92 109.5 89.4 134.2

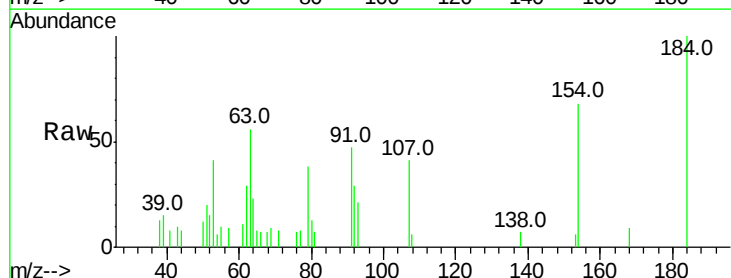


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

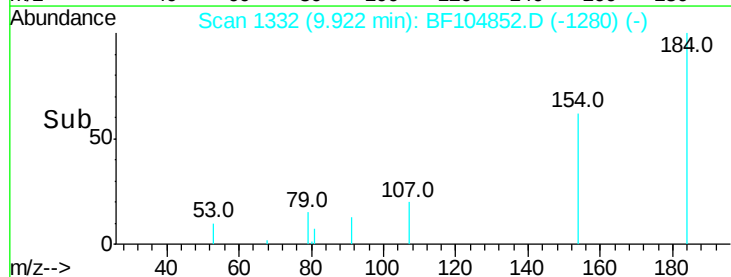
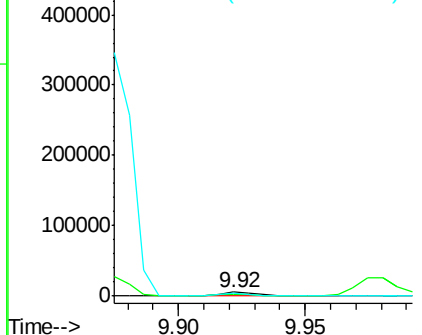


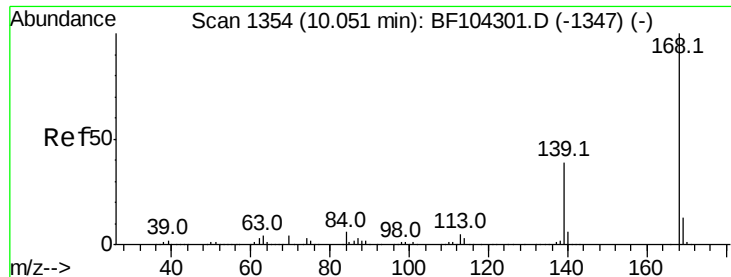
#53
 2,4-Dinitrophenol
 Concen: 15.499 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:184 Resp: 6321
 Ion Ratio Lower Upper
 184 100
 63 55.7 54.2 81.2
 154 68.4 184.0 276.0#



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

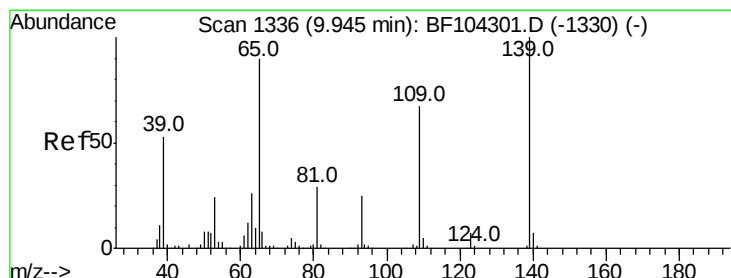
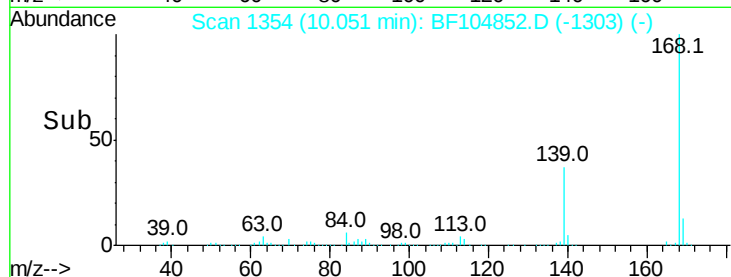
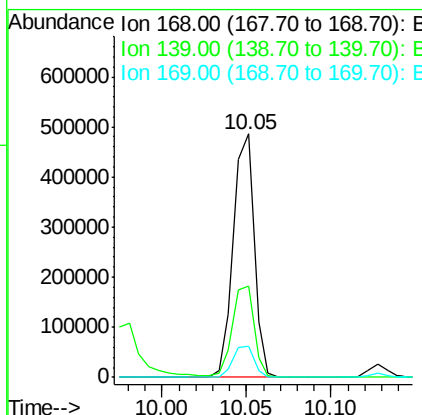
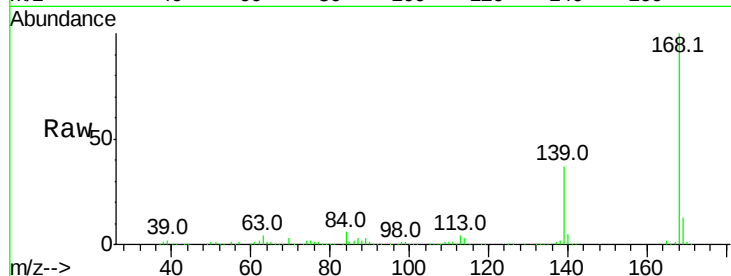




#54
Dibenzenofuran
Concen: 33.353 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

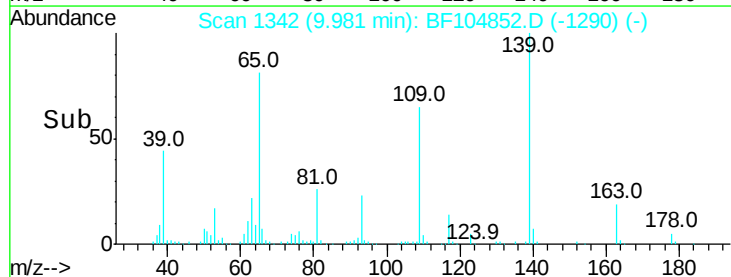
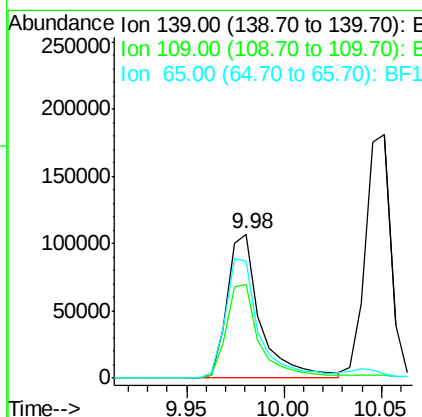
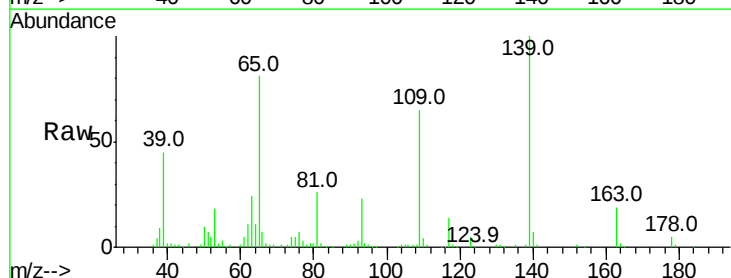
Instrument :
BNA_F
ClientSampleId :

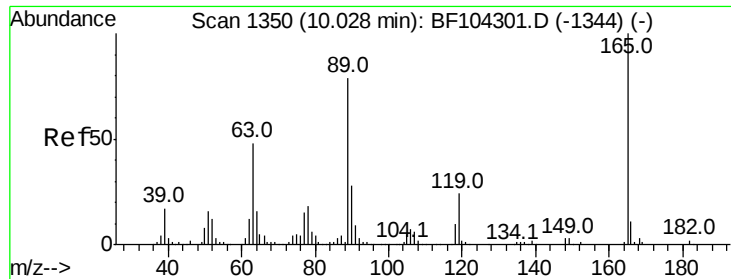
Tot Ion:168 Resp: 418845
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 12.9 10.9 16.3



#55
4-Nitrophenol
Concen: 66.332 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:139 Resp: 126271
Ion Ratio Lower Upper
139 100
109 65.3 48.4 88.4
65 81.1 72.6 112.6

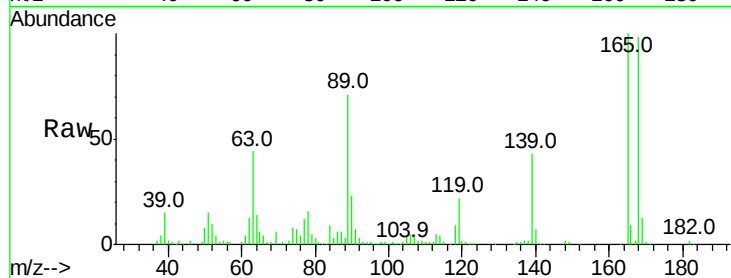




#56
2,4-Dinitrotoluene
Concen: 36.971 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	100386
Ion Ratio	Lower	Upper
165	100	
63	44.4	36.4 54.6
89	71.1	57.8 86.6
182	2.3	1.6 2.4

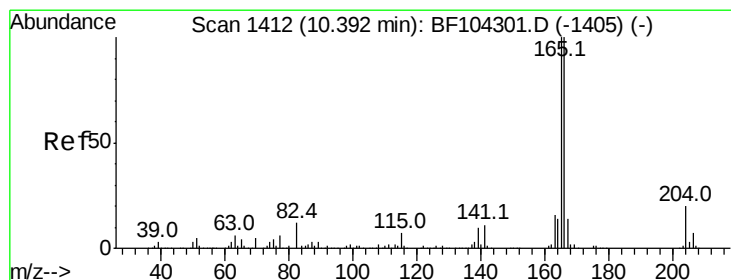
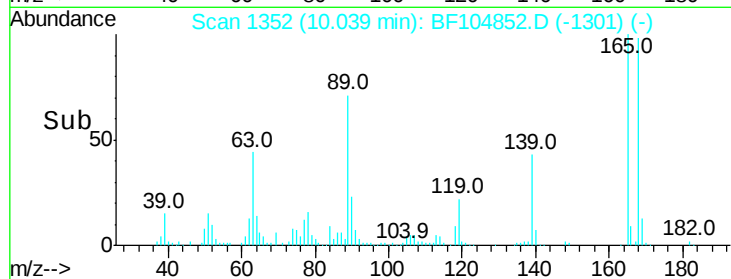
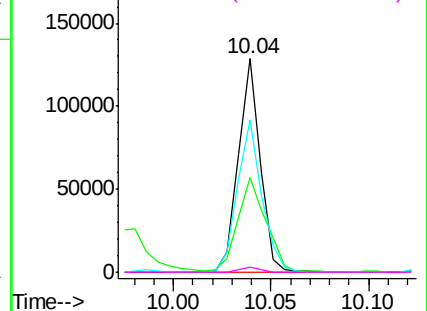


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

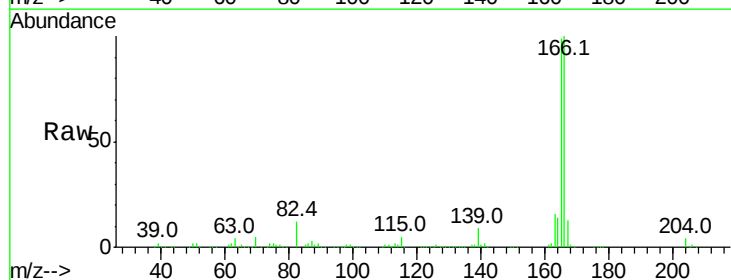
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 35.359 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

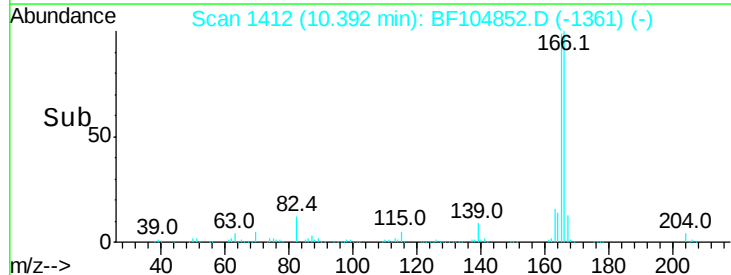
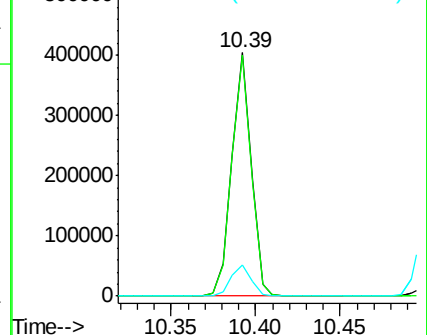
Tgt Ion:166	Resp:	323196
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.8 119.8
167	13.0	10.6 16.0

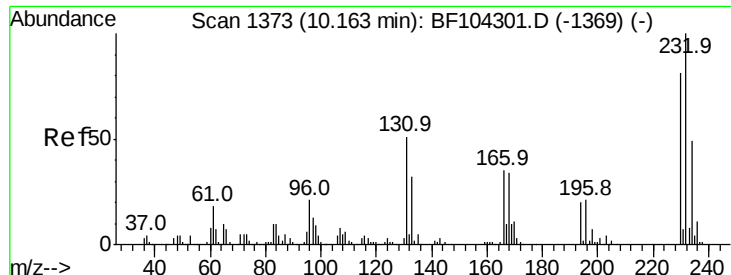


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

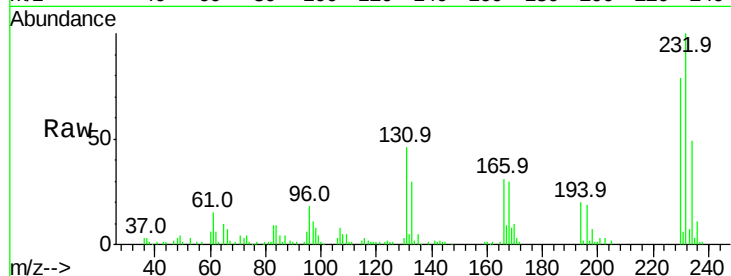




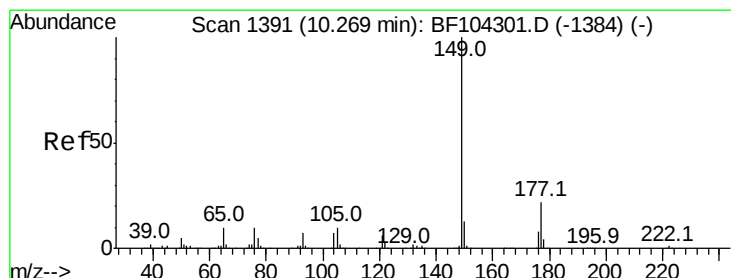
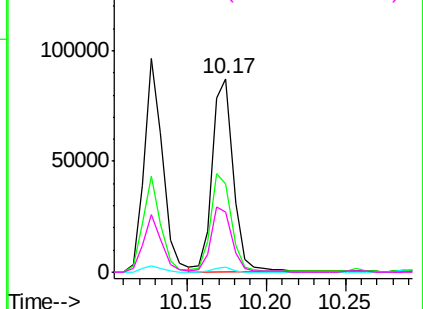
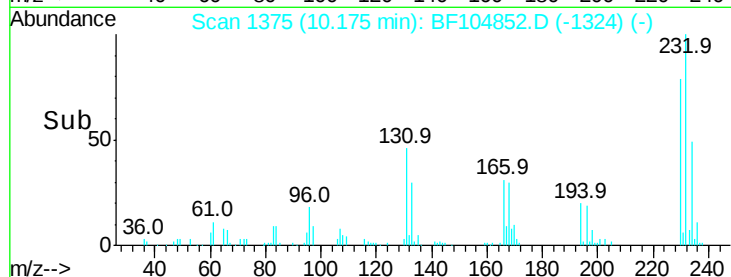
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.597 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 81421
 Ion Ratio Lower Upper
 232 100
 131 51.9 43.8 65.8
 130 2.3 2.1 3.1
 166 33.9 27.8 41.6

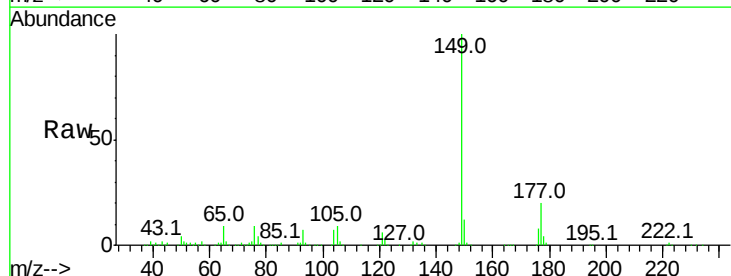


Abundance Ion 232.00 (231.70 to 232.70): E
 150000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

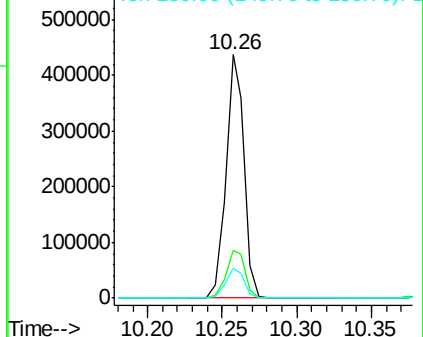
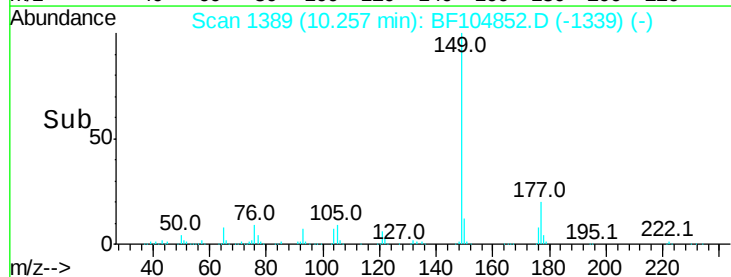


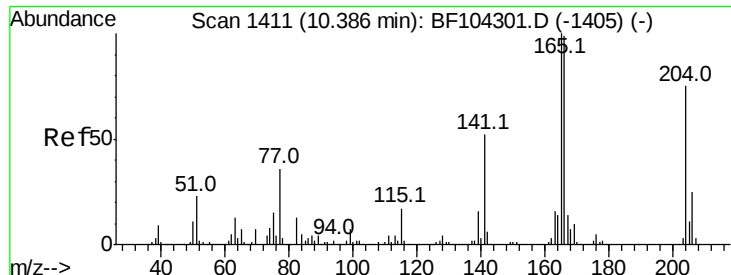
#59
 Diethylphthalate
 Concen: 33.601 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:149 Resp: 374361
 Ion Ratio Lower Upper
 149 100
 177 19.8 16.1 24.1
 150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 600000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

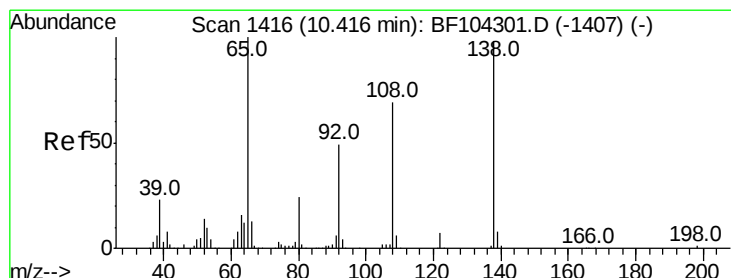
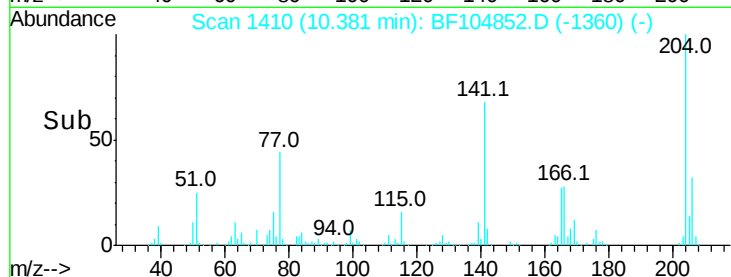
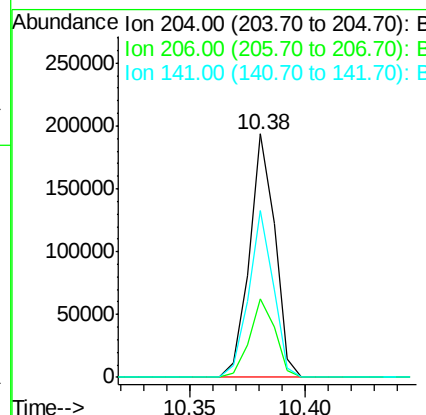
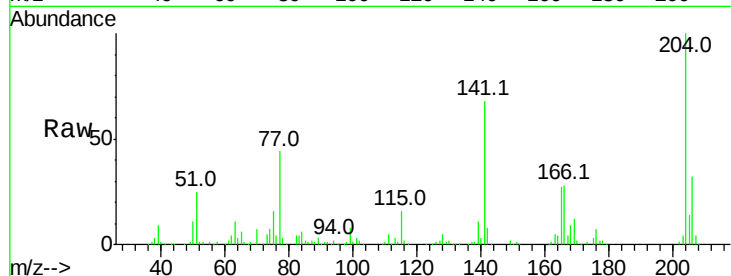




#60
 4-Chlorophenyl-phenylether
 Concen: 36.855 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

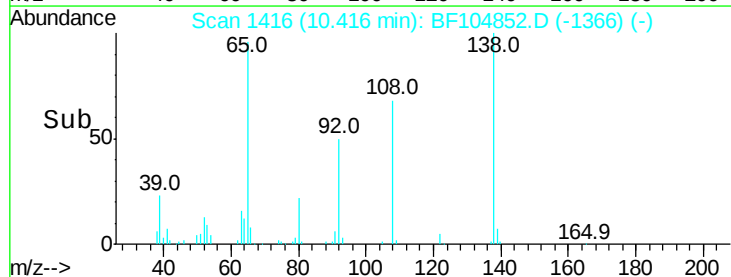
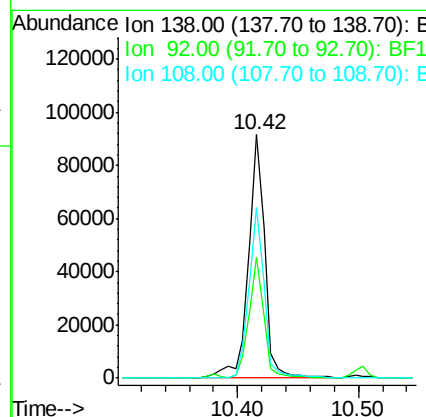
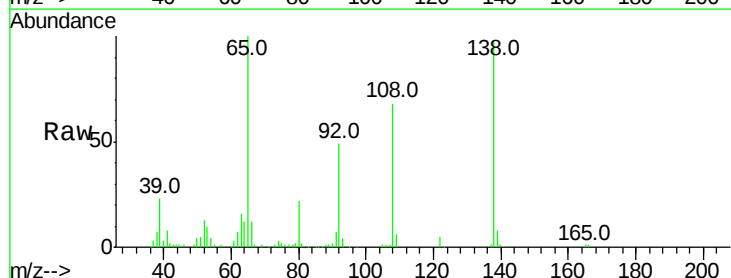
Instrument :
 BNA_F
 ClientSampleId :

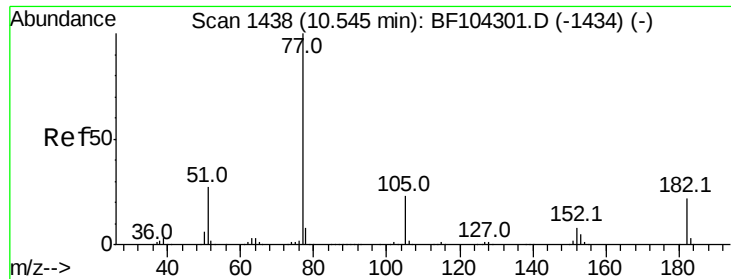
Tot Ion:204 Resp: 150028
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.5 39.7
 141 68.4 54.6 81.8



#61
 4-Nitroaniline
 Concen: 36.953 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:138 Resp: 87559
 Ion Ratio Lower Upper
 138 100
 92 49.8 30.2 70.2
 108 70.1 52.5 92.5

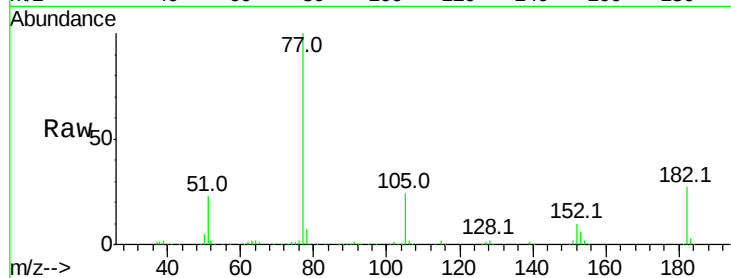




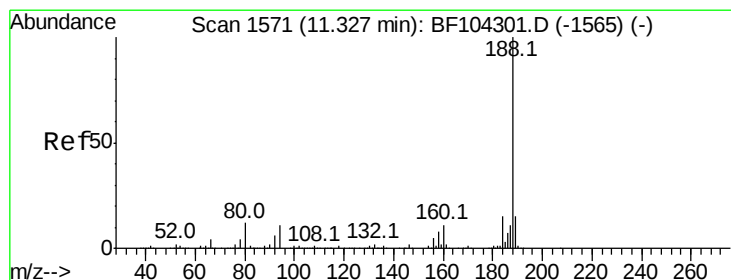
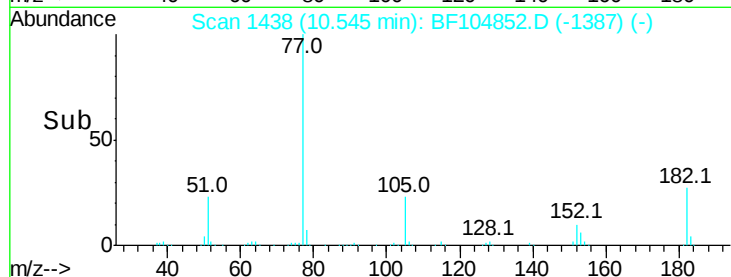
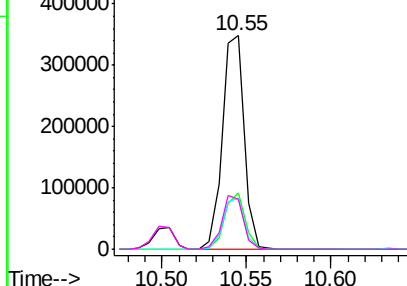
#62
Azobenzene
Concen: 29.341 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	1.7	41.7	
105	24.1	3.0	43.0	
51	23.4	9.9	49.9	

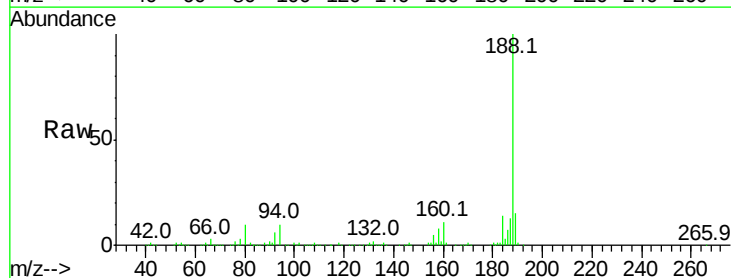


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

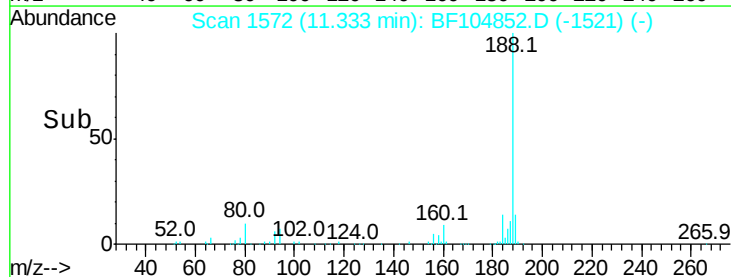
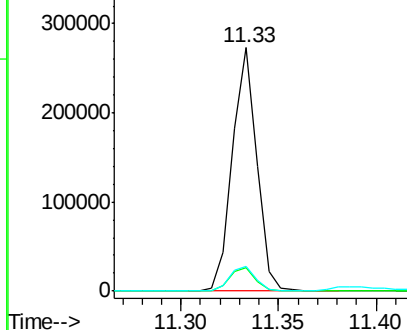


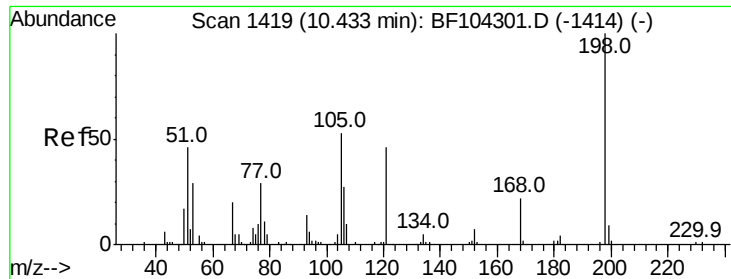
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	8.5	12.7	
80	10.4	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 12.090 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

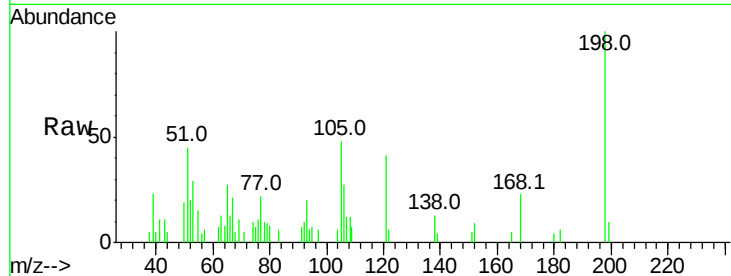
Tot Ion:198 Resp: 6465

Ion Ratio Lower Upper

198 100

51 44.8 37.7 77.7

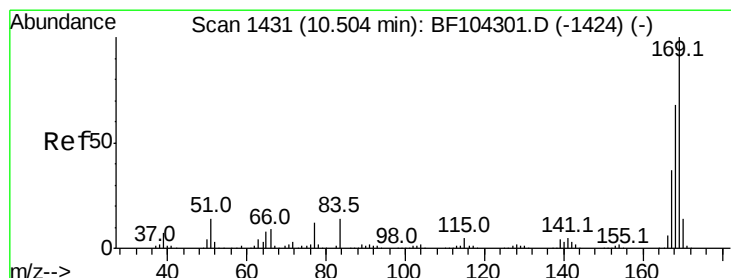
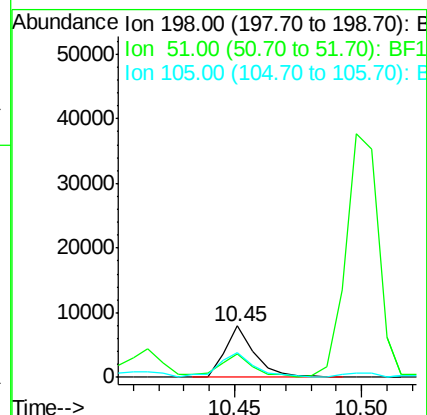
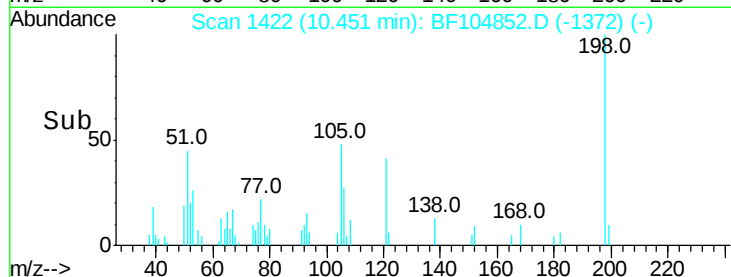
105 47.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 35.388 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

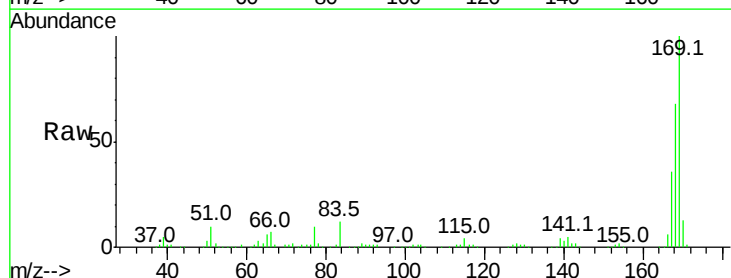
Tgt Ion:169 Resp: 290827

Ion Ratio Lower Upper

169 100

168 67.6 54.4 81.6

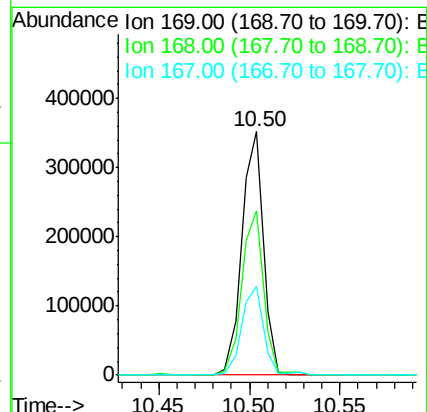
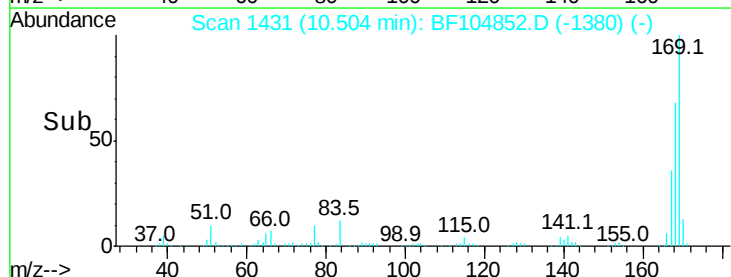
167 36.2 29.8 44.6

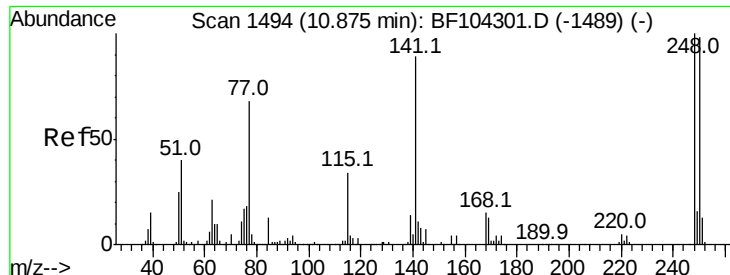


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

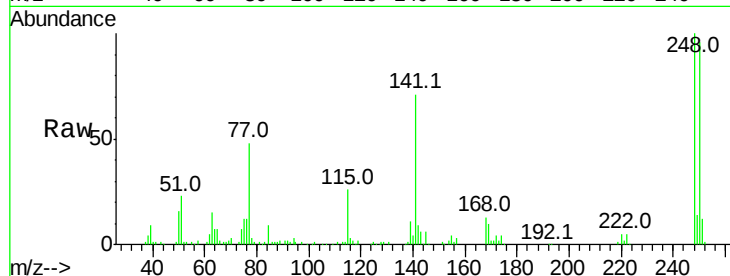




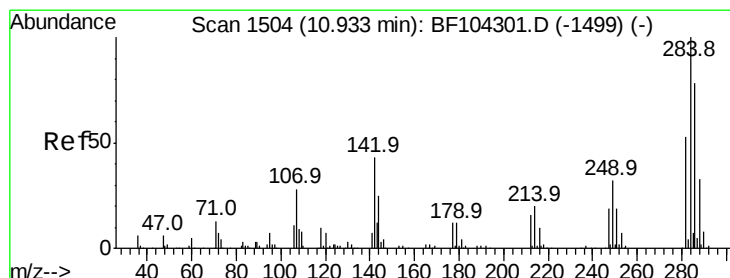
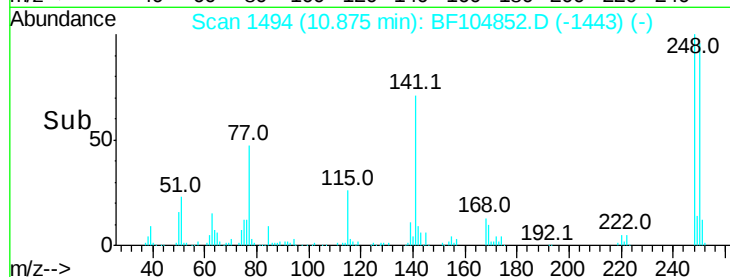
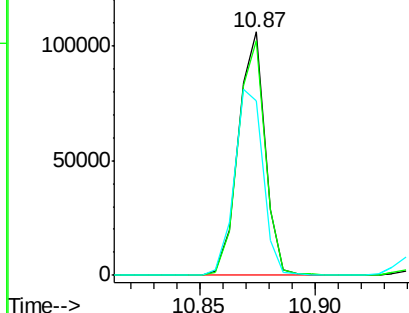
#66
4-Bromophenyl-phenylether
Concen: 34.117 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 86015
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 71.5 74.4 111.6#

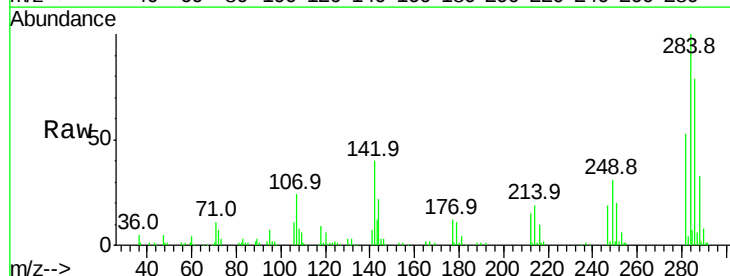


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

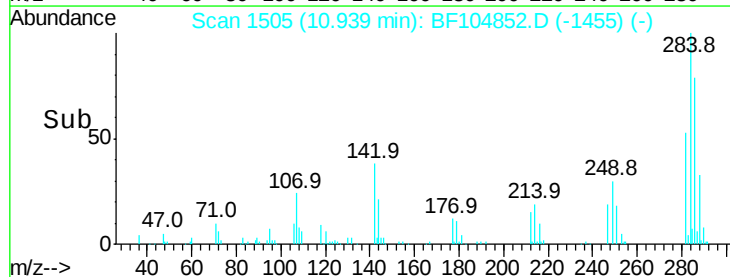
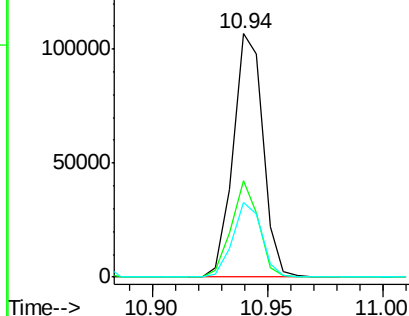


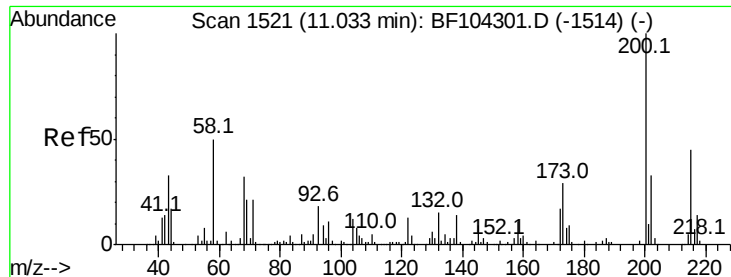
#67
Hexachlorobenzene
Concen: 33.940 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:284 Resp: 96284
Ion Ratio Lower Upper
284 100
142 39.8 34.6 52.0
249 30.8 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

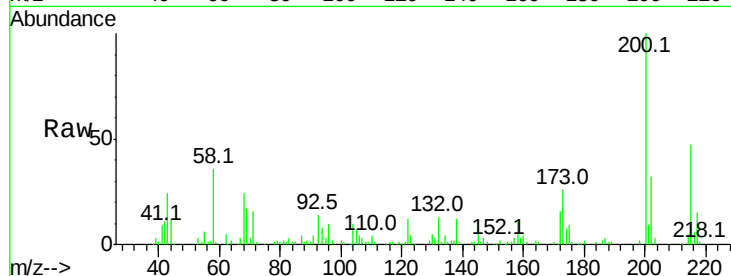




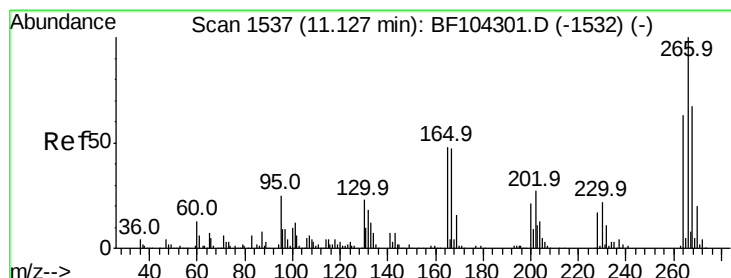
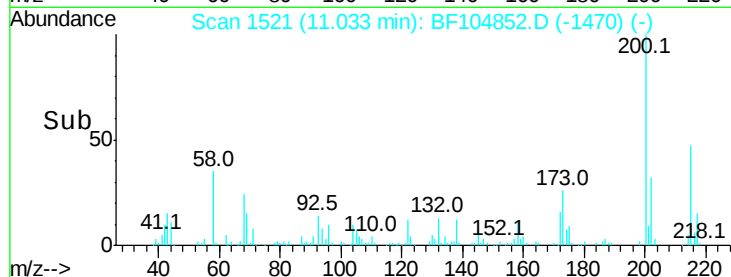
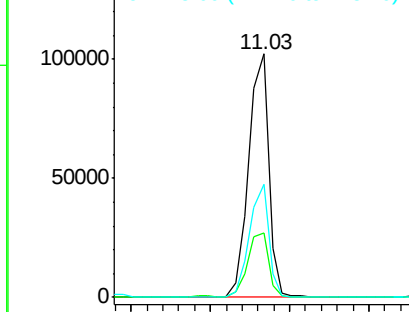
#68
 Atrazine
 Concen: 36.316 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 90087
 Ion Ratio Lower Upper
 200 100
 173 26.3 8.6 48.6
 215 46.6 25.1 65.1

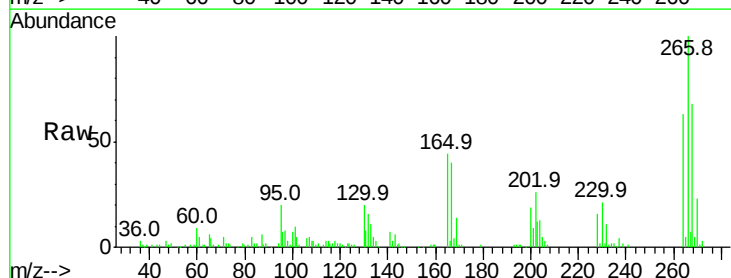


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

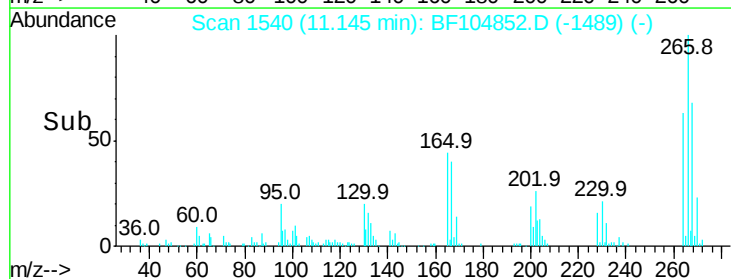
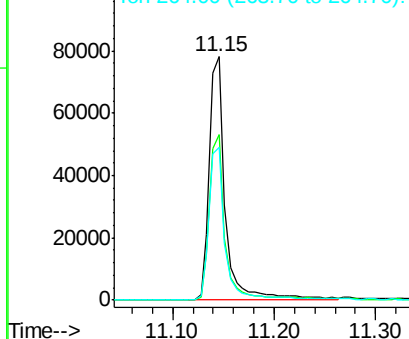


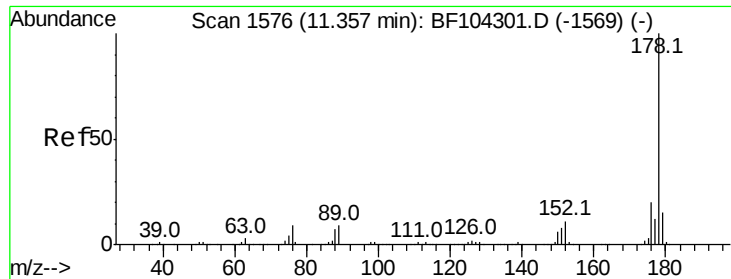
#69
 Pentachlorophenol
 Concen: 49.549 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:266 Resp: 86960
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.1 76.7
 264 62.8 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

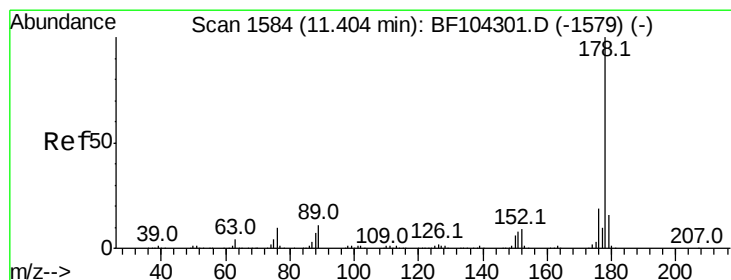
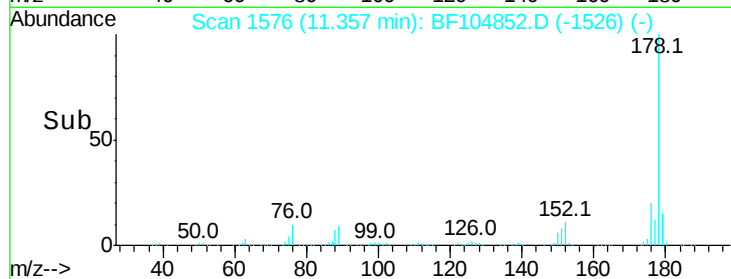
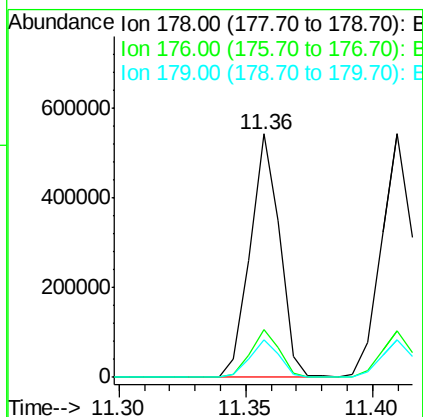
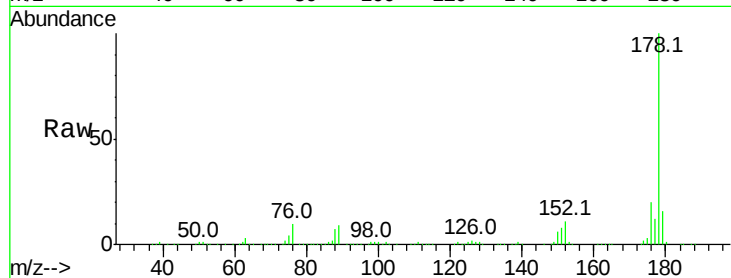




#70
 Phenanthrene
 Concen: 33.385 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

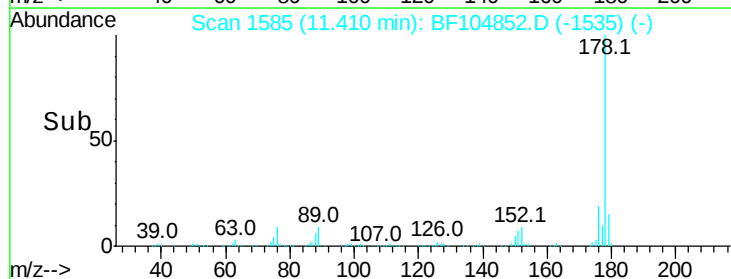
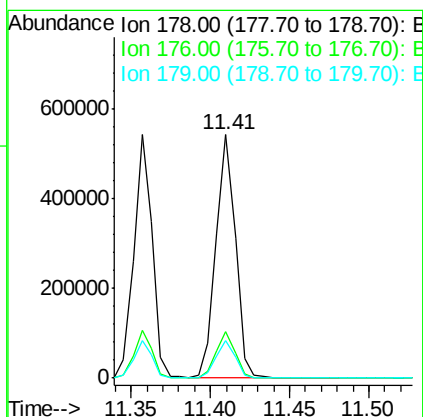
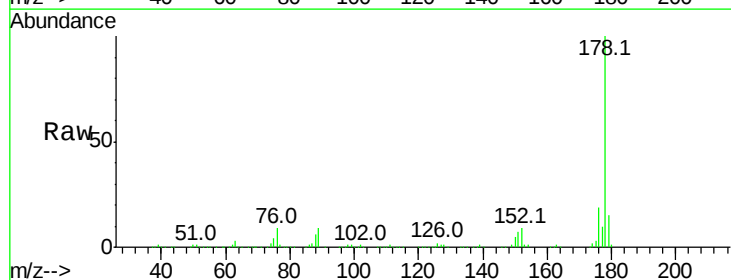
Instrument :
 BNA_F
 ClientSampleId :

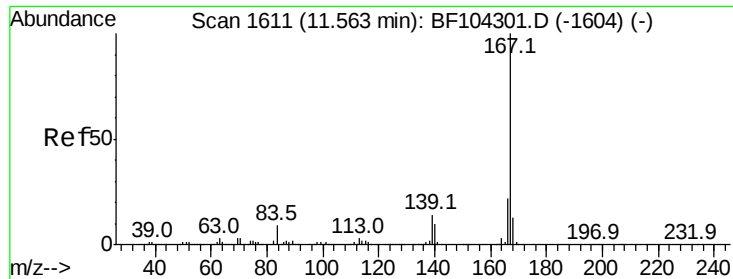
Tot Ion:178 Resp: 440677
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.6 13.0 19.6



#71
 Anthracene
 Concen: 34.631 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:178 Resp: 464678
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0





#72

Carbazole

Concen: 34.498 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

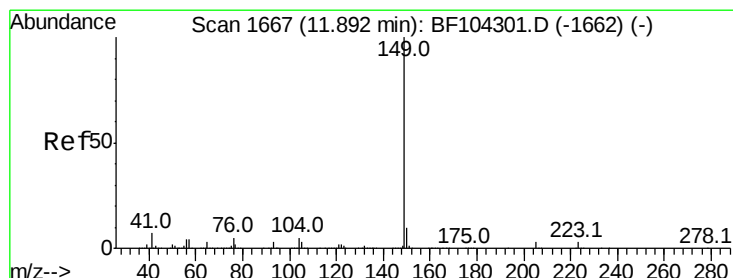
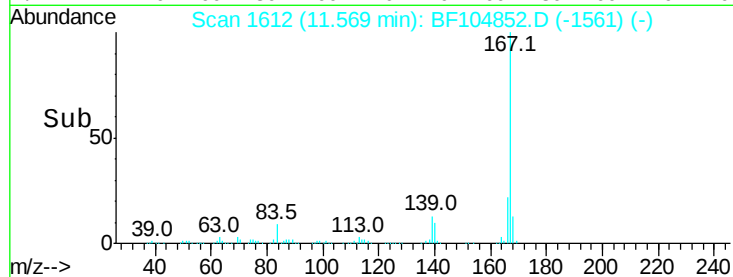
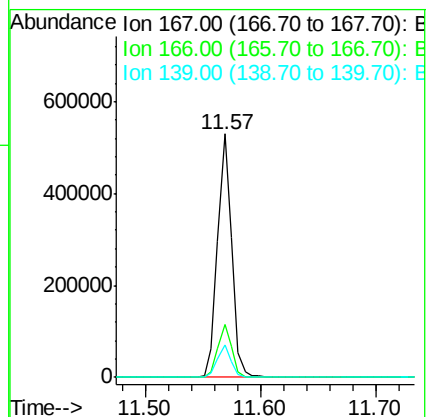
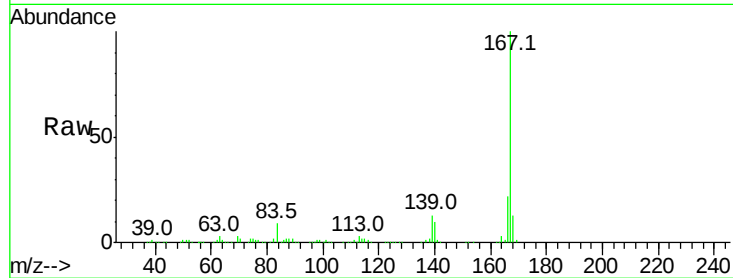
Tot Ion:167 Resp: 452328

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

139 13.5 10.9 16.3



#73

Di-n-butylphthalate

Concen: 31.680 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

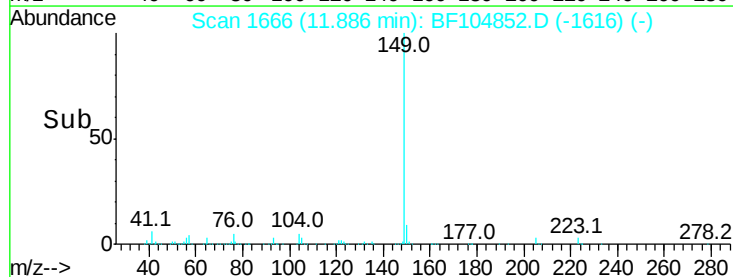
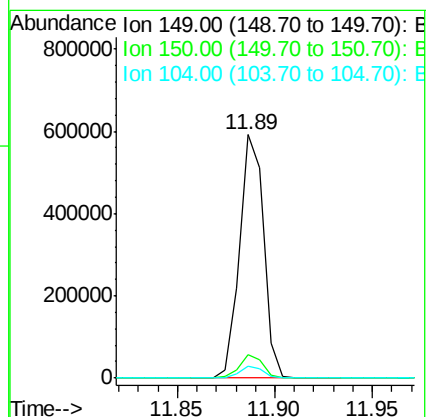
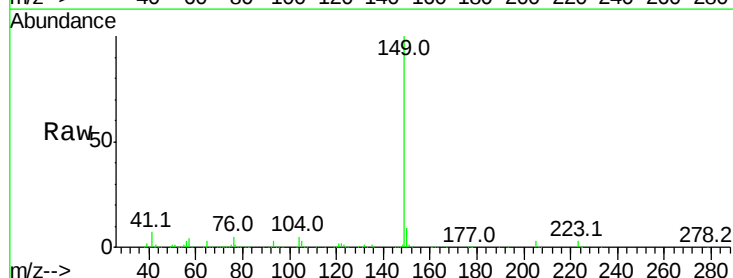
Tgt Ion:149 Resp: 507404

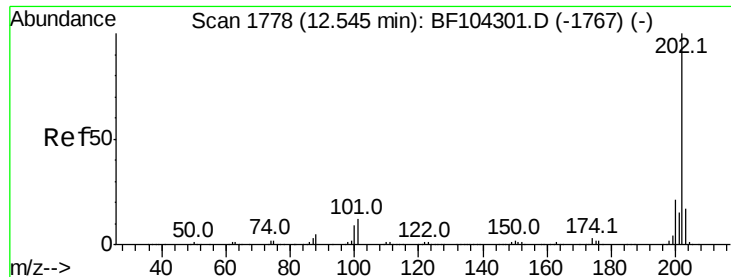
Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 4.8 3.8 5.8

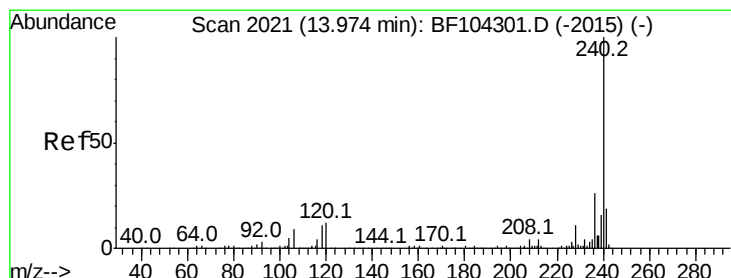
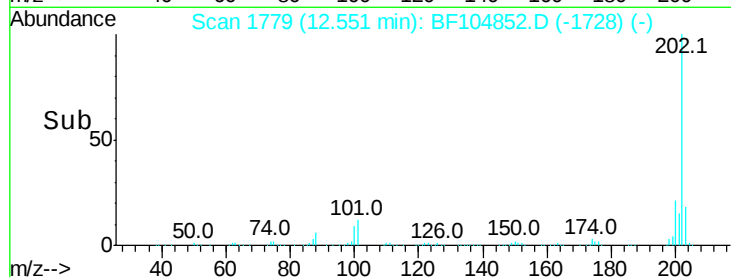
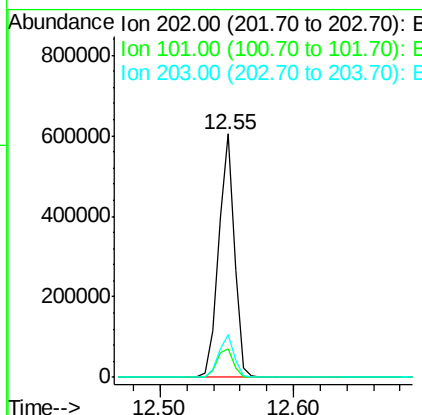
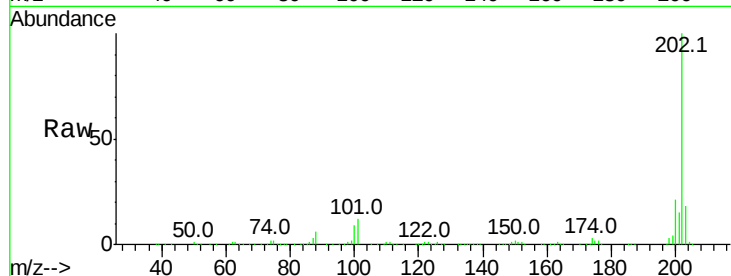




#74
 Fluoranthene
 Concen: 36.672 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

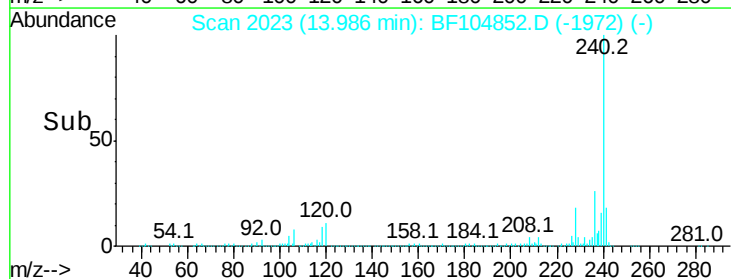
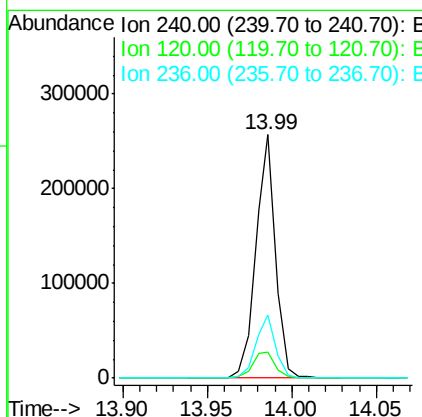
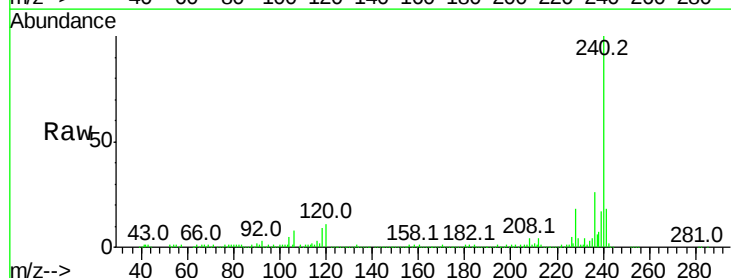
Instrument :
 BNA_F
 ClientSampleId :

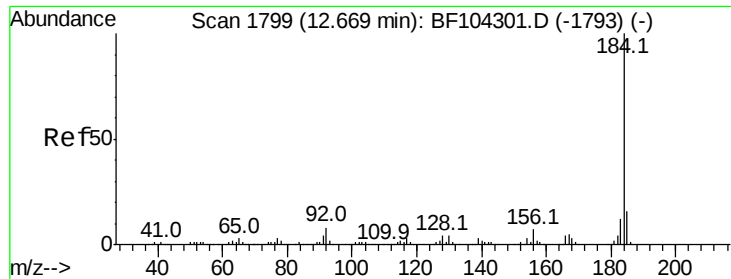
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.8	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.8	20.7	31.1

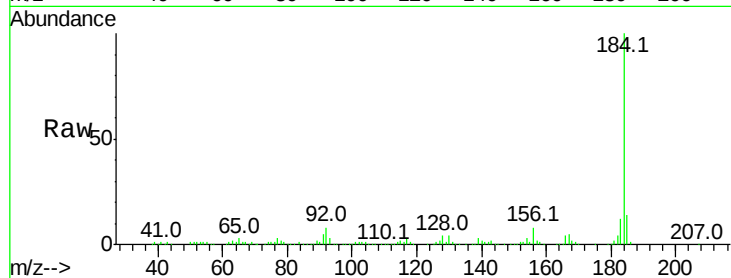




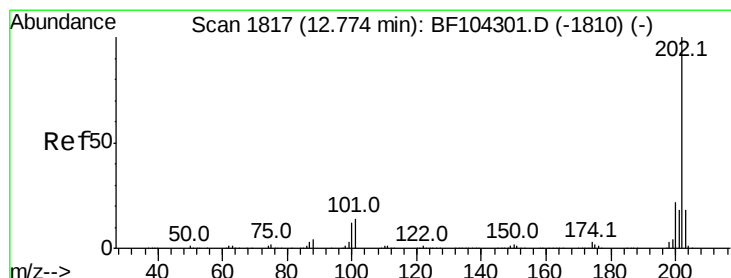
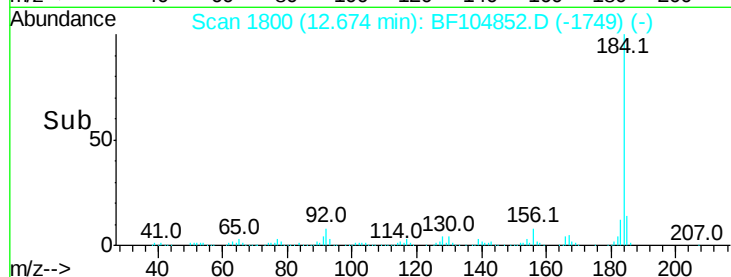
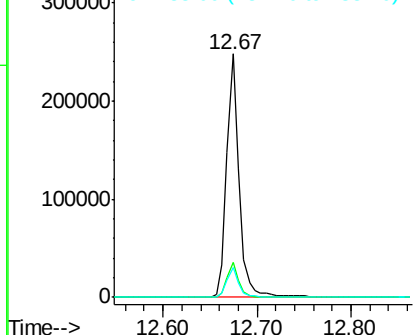
#76
Benzidine
Concen: 29.998 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 229221
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 12.0 9.3 13.9

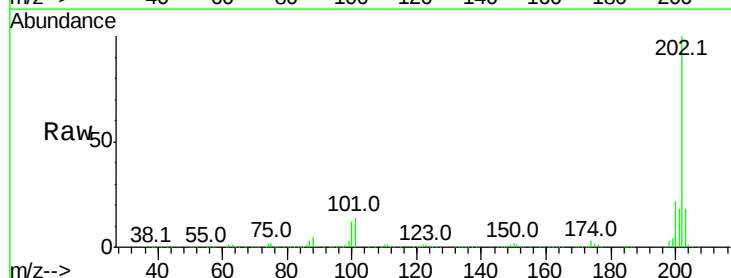


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

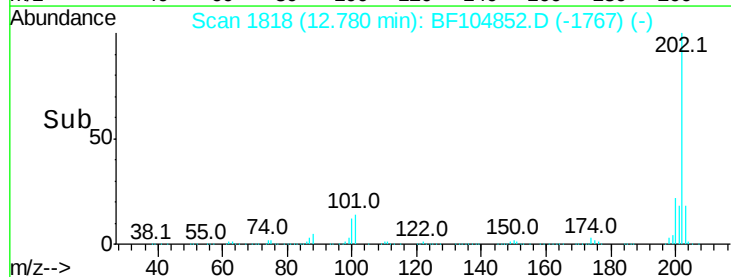
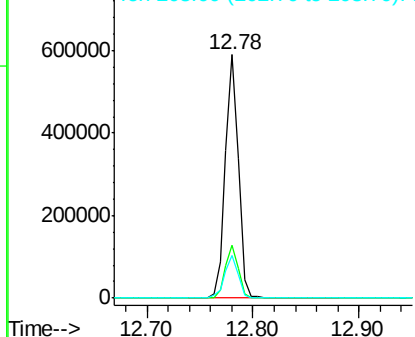


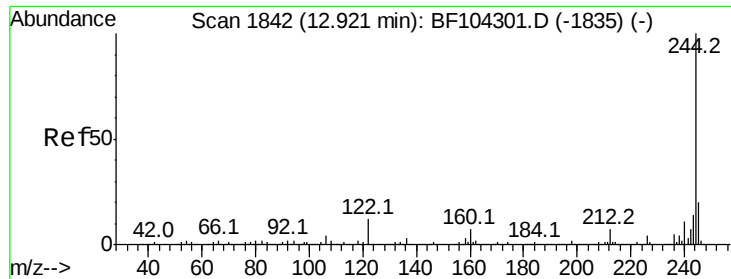
#77
Pyrene
Concen: 33.064 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:202 Resp: 512022
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.7 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

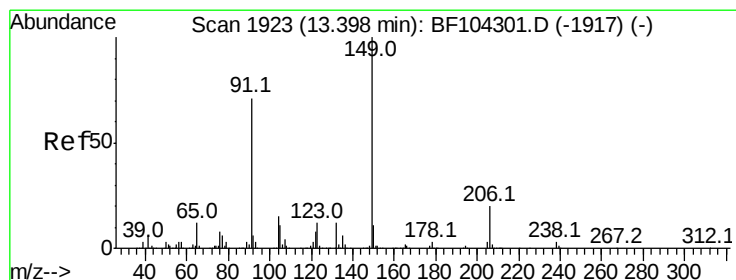
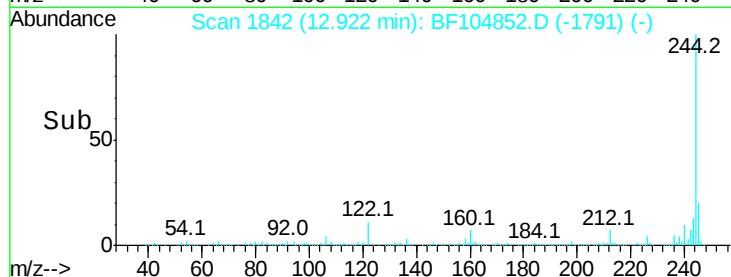
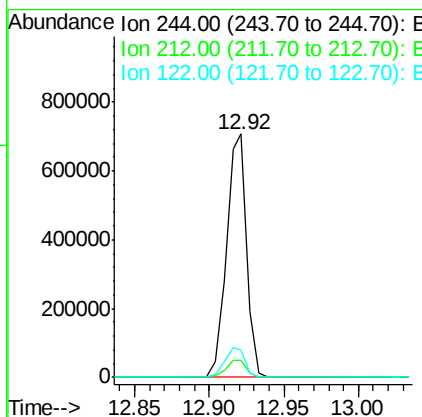
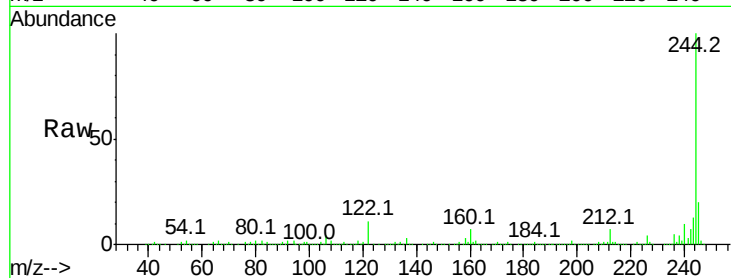




#78
 Terphenyl-d14
 Concen: 73.721 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

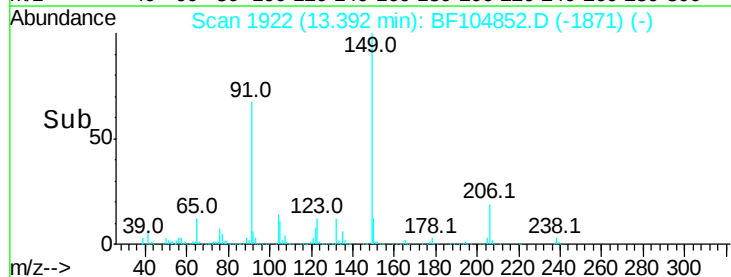
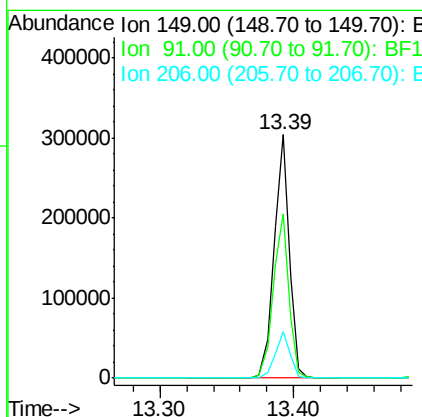
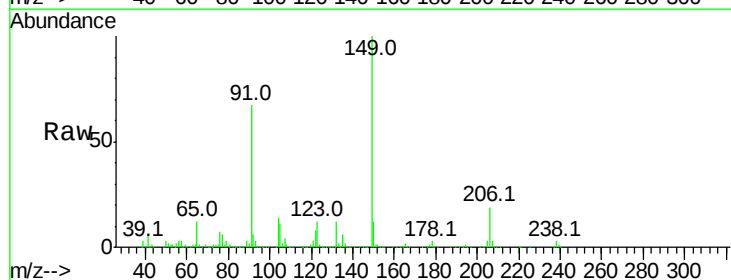
Instrument :
 BNA_F
 ClientSampleId :

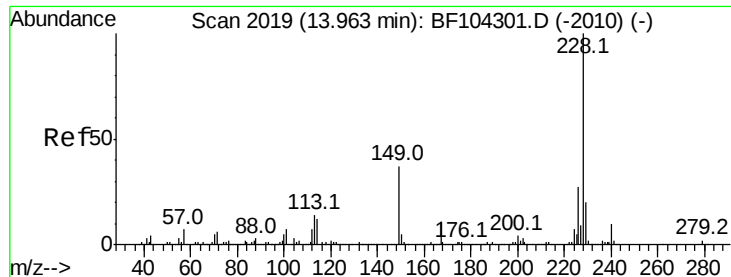
Tot Ion:244 Resp: 675571
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.3 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 33.074 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BF104852.D
 Acq: 26 Apr 2018 22:01

Tgt Ion:149 Resp: 241292
 Ion Ratio Lower Upper
 149 100
 91 67.2 56.8 85.2
 206 19.0 14.1 21.1

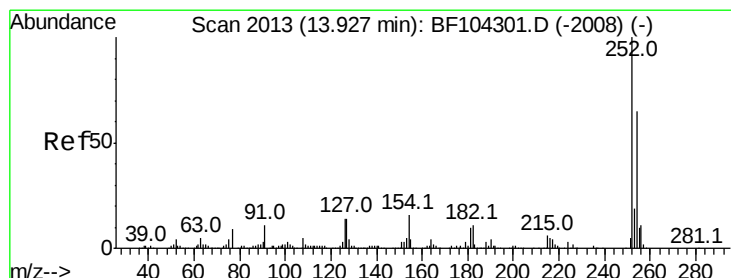
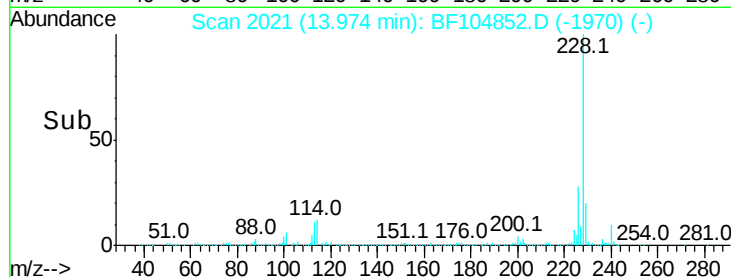
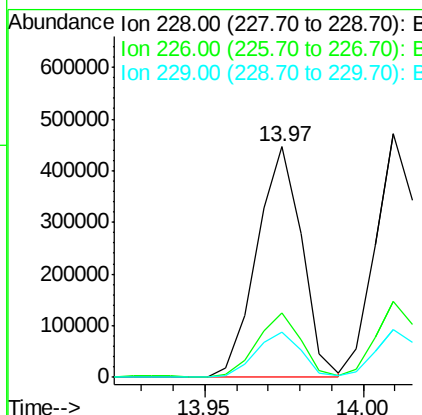
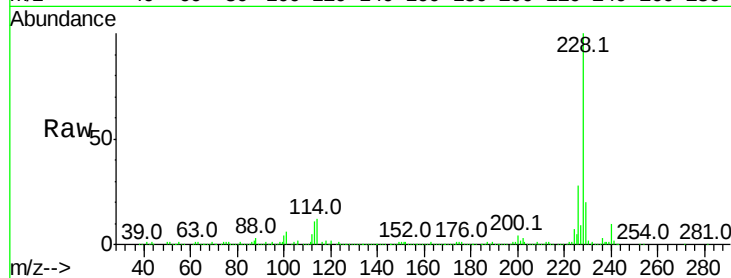




#80
Benzo(a)anthracene
Concen: 35.243 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

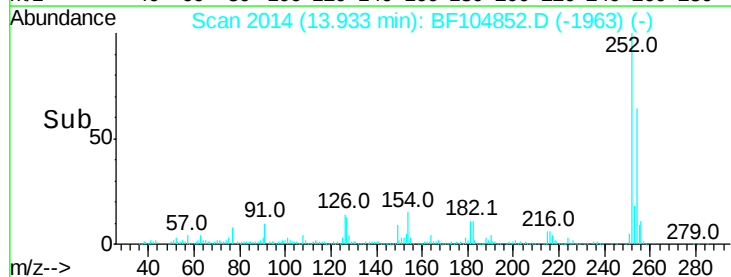
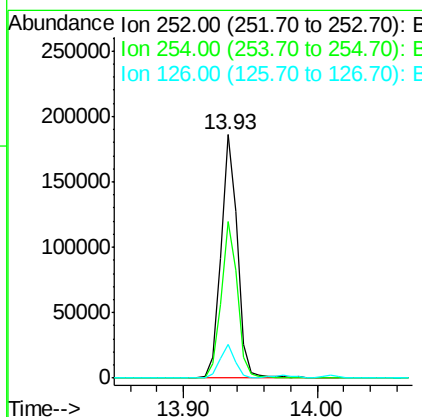
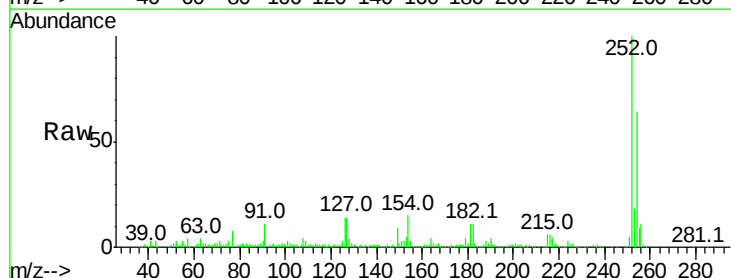
Instrument :
BNA_F
ClientSampleId :

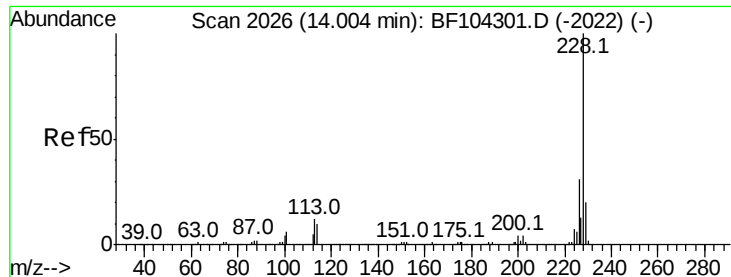
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.9	15.8	23.6



#81
3,3'-Dichlorobenzidine
Concen: 34.959 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	13.6	11.3	16.9





#82

Chrysene

Concen: 32.700 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

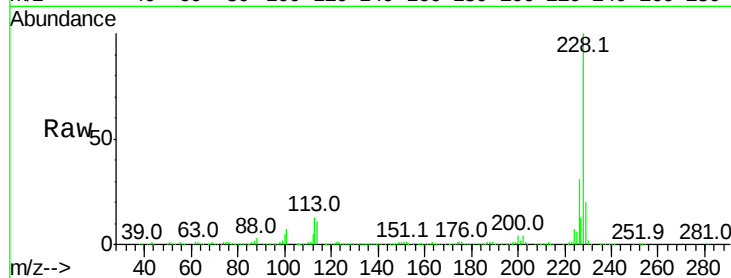
Tot Ion:228 Resp: 419208

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

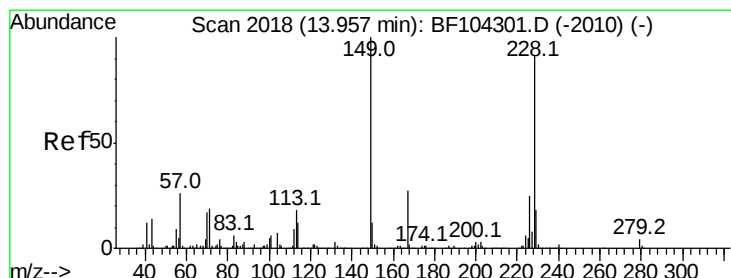
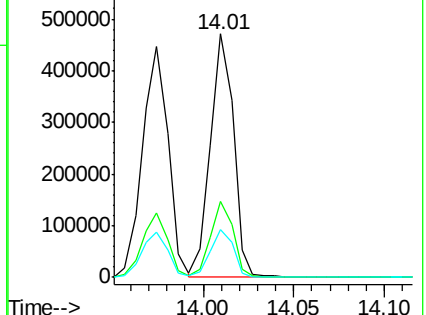
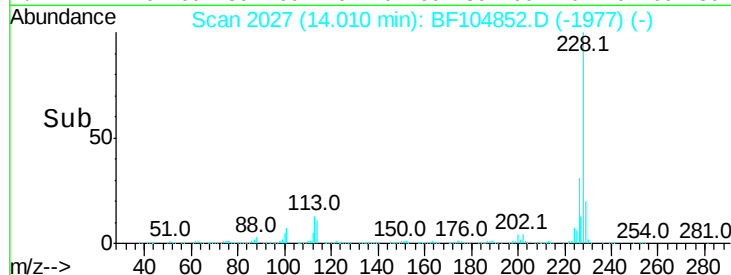
229 19.6 16.2 24.4



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: 37.194 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

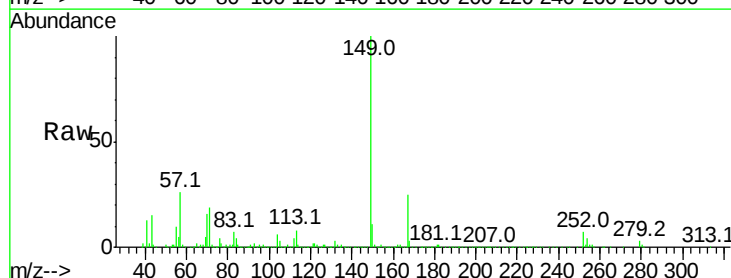
Tgt Ion:149 Resp: 349025

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

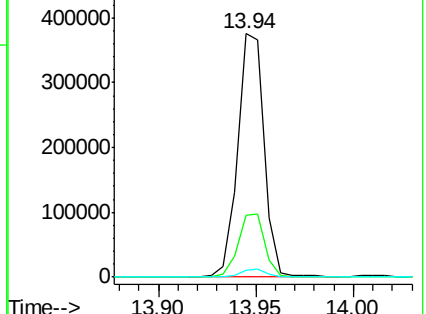
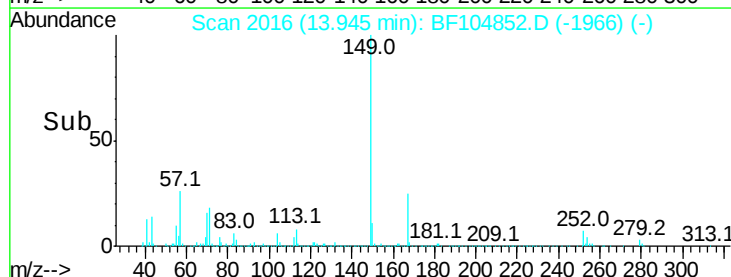
279 2.9 3.0 4.4#

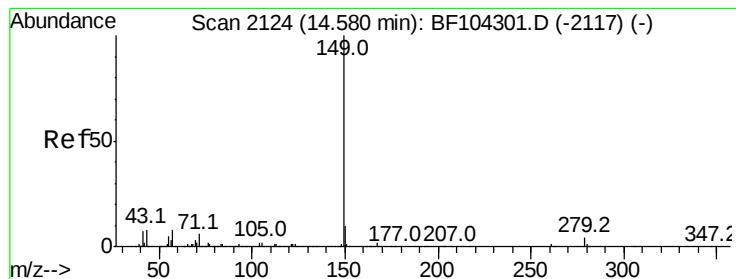


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.611 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

Instrument :

BNA_F

ClientSampleId :

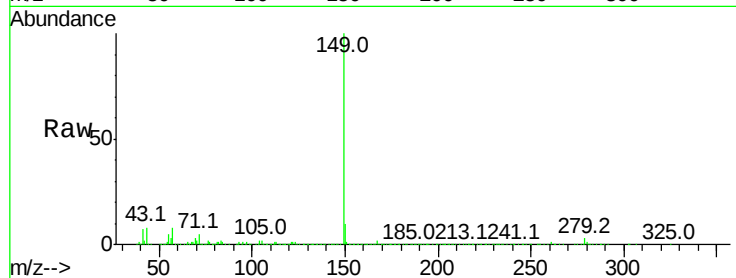
Tot Ion:149 Resp: 589727

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

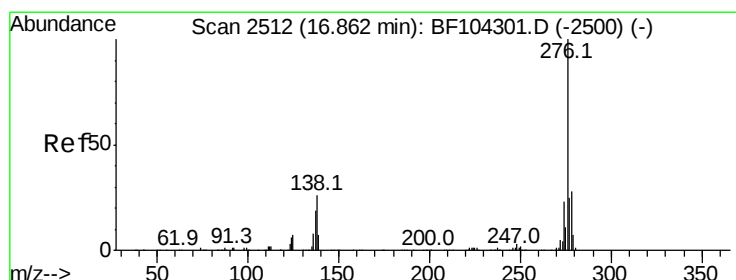
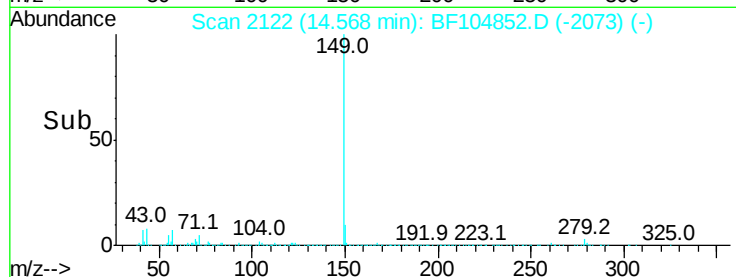
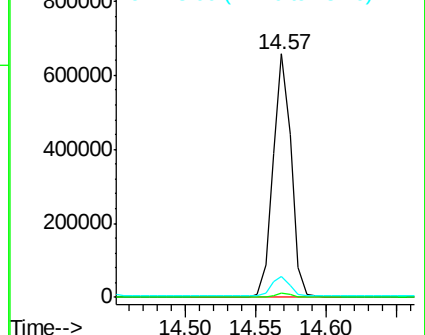
43 7.8 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 26.843 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF104852.D

Acq: 26 Apr 2018 22:01

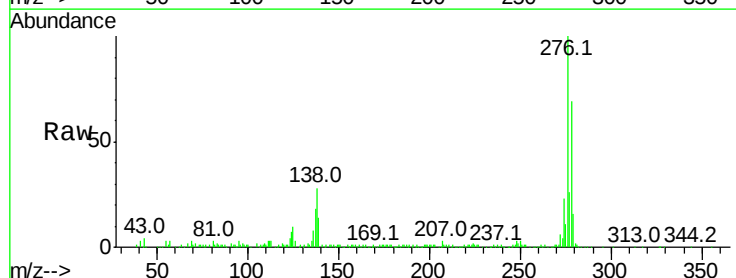
Tgt Ion:276 Resp: 292329

Ion Ratio Lower Upper

276 100

138 27.4 25.0 37.6

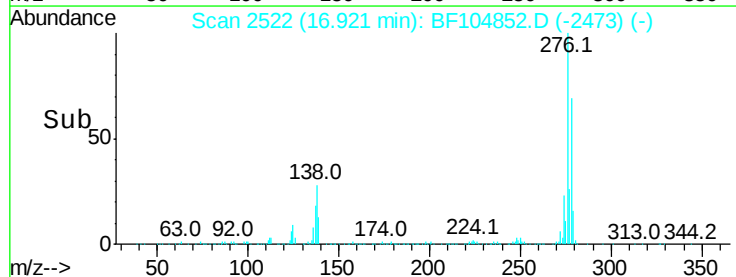
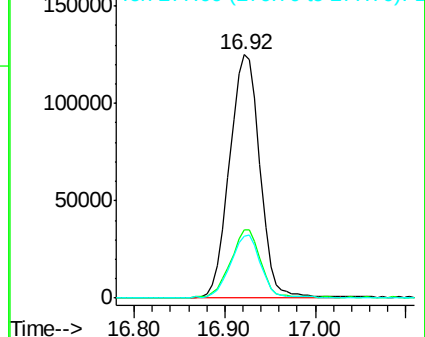
277 26.4 20.1 30.1

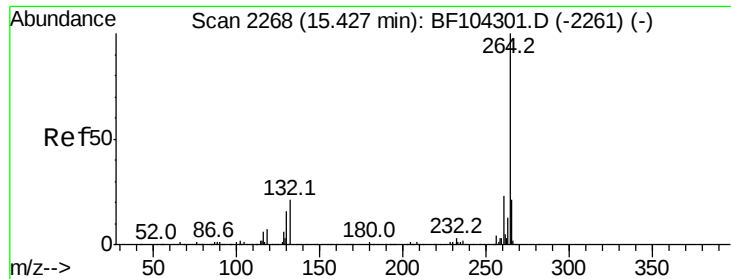


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

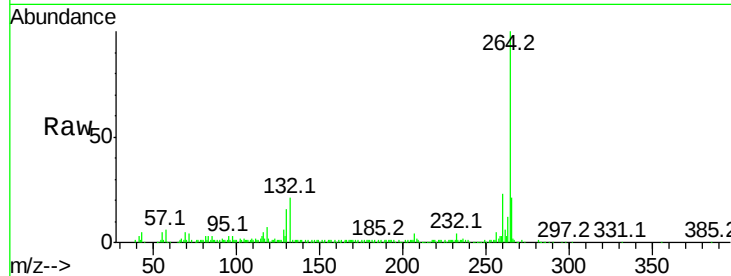




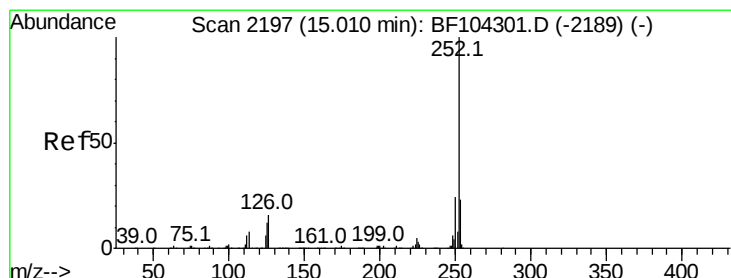
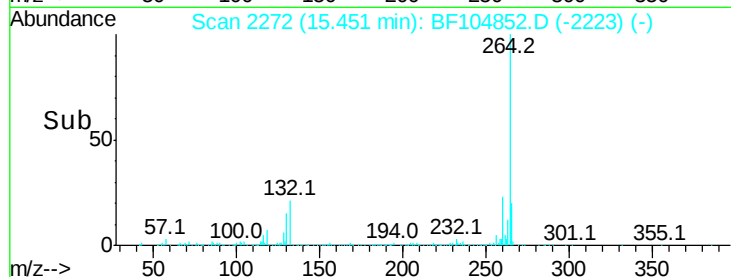
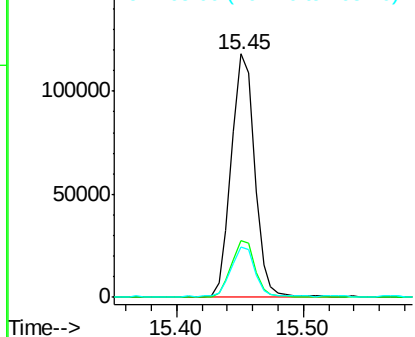
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 151568
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.7 17.5 26.3

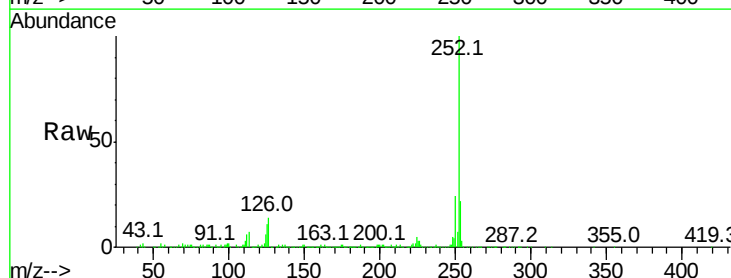


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

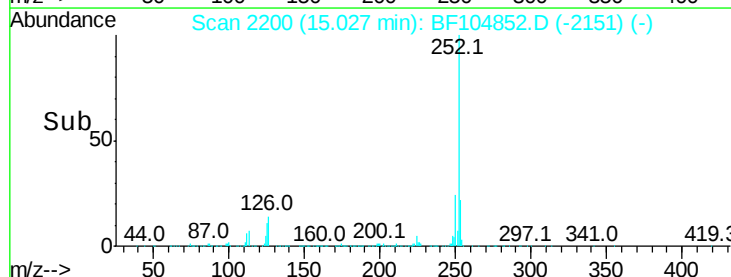
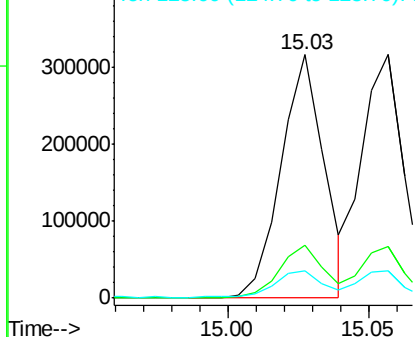


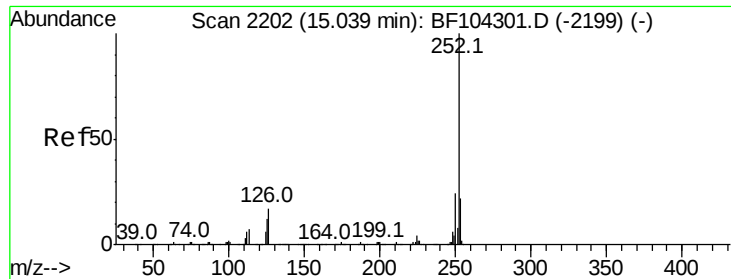
#87
Benzo(b)fluoranthene
Concen: 35.165 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion:252 Resp: 336628
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.3 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

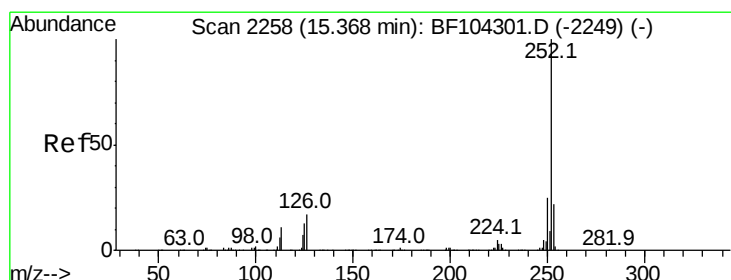
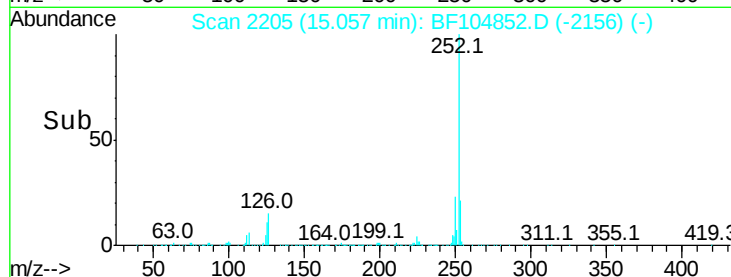
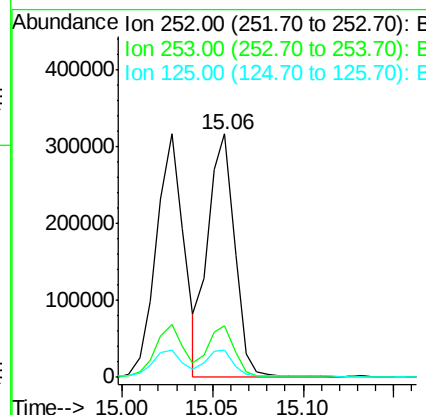
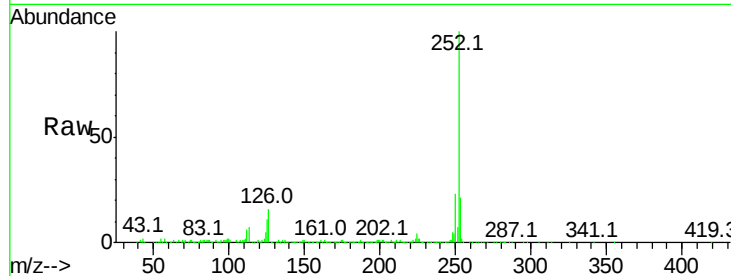




#88
Benzo(k)fluoranthene
Concen: 35.720 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

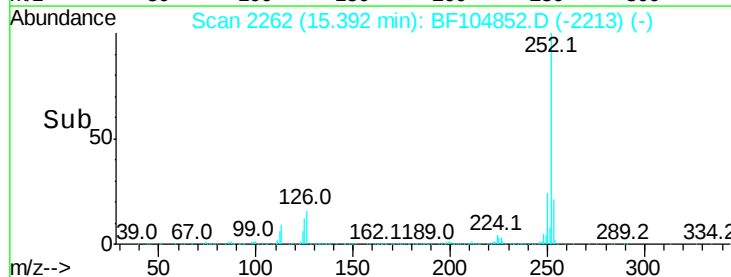
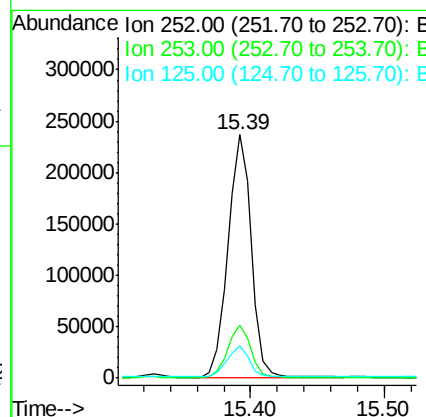
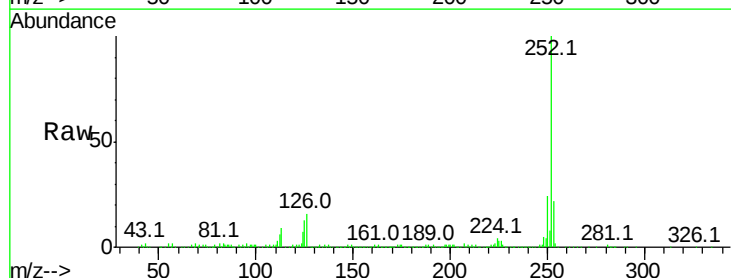
Instrument :
BNA_F
ClientSampleId :

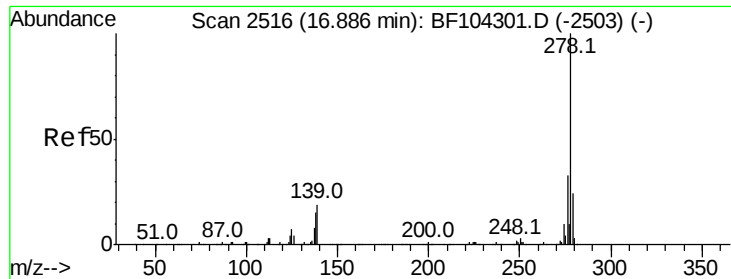
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 34.118 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.1	9.8	14.6

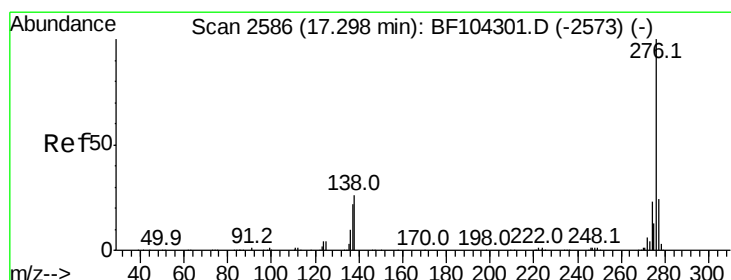
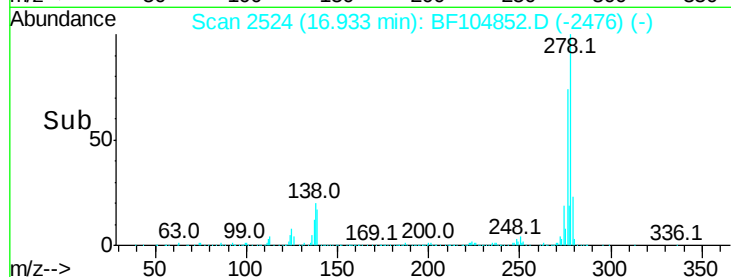
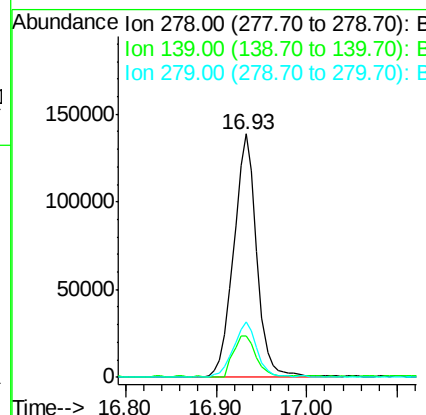
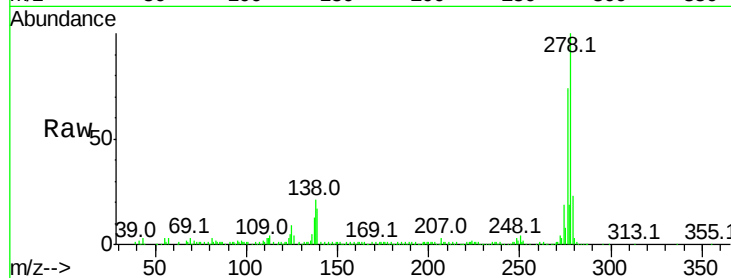




#90
Dibenzo(a,h)anthracene
Concen: 35.162 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	22.7	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 35.015 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BF104852.D
Acq: 26 Apr 2018 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	17.9	26.9
138	22.4	21.8	32.8

