

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104496.D
 Acq On : 13 Apr 2018 23:08
 Operator : JU/SJ
 Sample : PB108229BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:14:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131611	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	532598	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	230106	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	342004	20.00	ng	0.00
75) Chrysene-d12	13.99	240	235601	20.00	ng	0.00
86) Perylene-d12	15.44	264	184012	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	866760	100.70	ng	0.02
7) Phenol-d6	6.46	99	1062542	100.47	ng	0.01
23) Nitrobenzene-d5	7.38	82	667811	81.88	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	220725	92.47	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1156755	79.41	ng	0.00
78) Terphenyl-d14	12.93	244	838606	81.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	116991	29.170	ng	90
3) Pyridine	3.35	79	341477	30.283	ng	87
4) n-Nitrosodimethylamine	3.31	42	136124	34.534	ng	82
6) Aniline	6.47	93	156614	10.659	ng	# 1
8) 2-Chlorophenol	6.60	128	331347	36.473	ng	93
9) Benzaldehyde	6.36	77	155189	25.745	ng	95
10) Phenol	6.47	94	387968	34.575	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	308273	34.426	ng	94
12) 1,3-Dichlorobenzene	6.75	146	349743	33.982	ng	99
13) 1,4-Dichlorobenzene	6.83	146	351110	34.223	ng	98
14) 1,2-Dichlorobenzene	6.98	146	325748	34.263	ng	99
15) Benzyl Alcohol	6.96	79	274342	34.154	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	380171	31.614	ng	79
17) 2-Methylphenol	7.07	107	272064	34.452	ng	95
18) Hexachloroethane	7.32	117	113901	31.138	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	217350	31.451	ng	96
20) 3+4-Methylphenols	7.23	107	332538	33.953	ng	# 75
22) Acetophenone	7.22	105	436956	33.324	ng	98
24) Nitrobenzene	7.40	77	338003	37.534	ng	98
25) Isophorone	7.63	82	614410	35.622	ng	98
26) 2-Nitrophenol	7.72	139	160871	43.881	ng	# 87
27) 2,4-Dimethylphenol	7.75	122	290586	38.174	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	392682	37.237	ng	99
29) 2,4-Dichlorophenol	7.96	162	264935	36.477	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	280869	35.237	ng	99
31) Naphthalene	8.12	128	920552	34.711	ng	100
32) Benzoic acid	7.87	122	118919	19.580	ng	95
33) 4-Chloroaniline	8.17	127	75361	6.633	ng	95
34) Hexachlorobutadiene	8.23	225	152215	34.864	ng	98
35) Caprolactam	8.55	113	82530	32.573	ng	# 76
36) 4-Chloro-3-methylphenol	8.66	107	279103	35.838	ng	98
37) 2-Methylnaphthalene	8.81	142	600509	35.005	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	254092	38.575	ng	98
40) Hexachlorocyclopentadiene	8.96	237	52760	14.307	ng	98

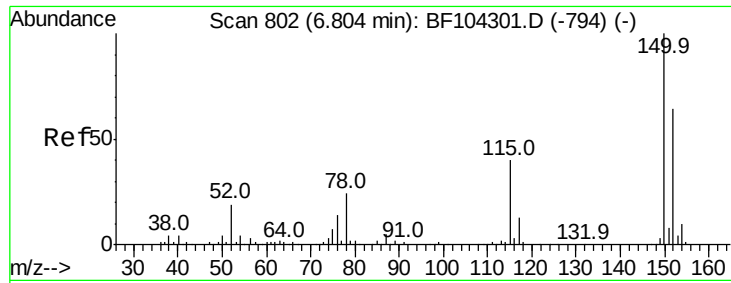
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104496.D
 Acq On : 13 Apr 2018 23:08
 Operator : JU/SJ
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Quant Time: Apr 14 00:14:17 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	173423	37.927	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	178214	34.829	nq	97
45) 1,1'-Biphenyl	9.27	154	685383	35.456	nq	99
46) 2-Chloronaphthalene	9.30	162	549424	35.984	nq	99
47) 2-Nitroaniline	9.40	65	165983	43.958	nq	97
48) Acenaphthylene	9.72	152	803257	33.530	nq	100
49) Dimethylphthalate	9.57	163	660342	36.391	nq	100
50) 2,6-Dinitrotoluene	9.64	165	138739	41.320	nq	97
51) Acenaphthene	9.89	154	471095	32.231	nq	99
52) 3-Nitroaniline	9.81	138	80476	20.473	nq	94
53) 2,4-Dinitrophenol	9.92	184	15674	20.401	nq	# 21
54) Dibenzofuran	10.06	168	708794	34.797	nq	99
55) 4-Nitrophenol	9.98	139	186101	60.270	nq	97
56) 2,4-Dinitrotoluene	10.05	165	170566	38.727	nq	91
57) Fluorene	10.40	166	524630	35.385	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	125883	32.976	nq	95
59) Diethylphthalate	10.27	149	626854	34.687	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	255347	38.672	nq	99
61) 4-Nitroaniline	10.42	138	128360	33.397	nq	99
62) Azobenzene	10.56	77	556867	32.253	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	15420	15.188	nq	82
65) n-Nitrosodiphenylamine	10.52	169	481448	40.601	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	148310	40.769	nq	90
67) Hexachlorobenzene	10.95	284	156260	38.174	nq	# 89
68) Atrazine	11.04	200	146811	41.016	nq	98
69) Pentachlorophenol	11.14	266	122822	48.501	nq	98
70) Phenanthrene	11.37	178	674456	35.412	nq	99
71) Anthracene	11.42	178	691082	35.695	nq	99
72) Carbazole	11.57	167	607730	32.123	nq	99
73) Di-n-butylphthalate	11.90	149	848970	36.736	nq	98
74) Fluoranthene	12.56	202	616660	30.989	nq	98
76) Benzidine	12.68	184	306025	37.691	nq	98
77) Pyrene	12.79	202	615796	35.262	nq	99
79) Butylbenzylphthalate	13.40	149	300768	36.557	nq	96
80) Benzo(a)anthracene	13.97	228	532899	37.861	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	180799	34.451	nq	95
82) Chrysene	14.02	228	512104	35.422	nq	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	412237	38.955	nq	100
84) Di-n-octyl phthalate	14.58	149	694256	39.263	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.90	276	374444	30.489	nq	96
87) Benzo(b)fluoranthene	15.03	252	457057	39.327	nq	99
88) Benzo(k)fluoranthene	15.06	252	416689	37.977	nq	97
89) Benzo(a)pyrene	15.39	252	387901	37.303	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	316915	37.107	nq	97
91) Benzo(g,h,i)perylene	17.34	276	306573	37.051	nq	94

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

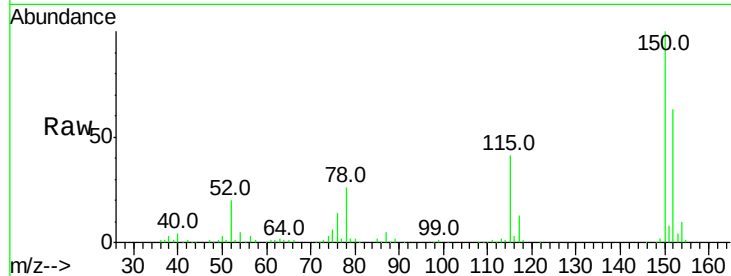


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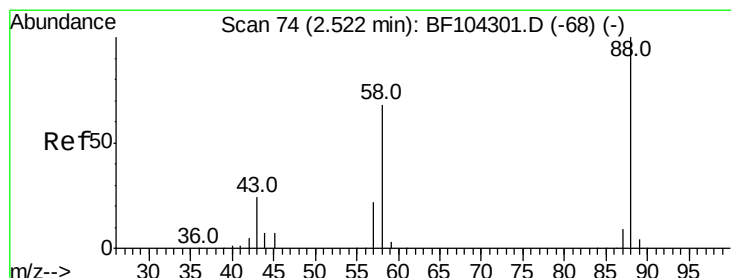
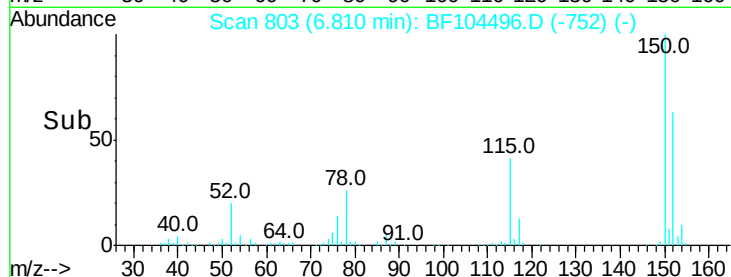
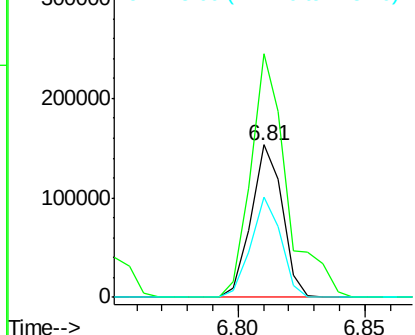
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131611
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 65.3 50.1 75.1



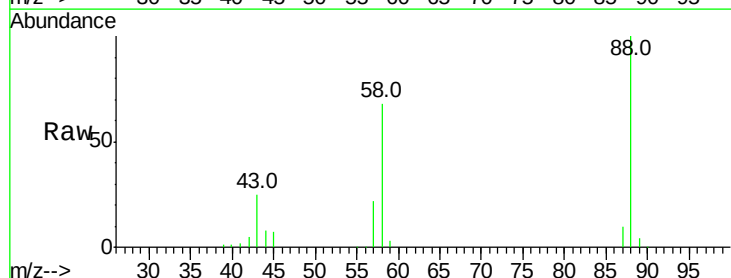
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



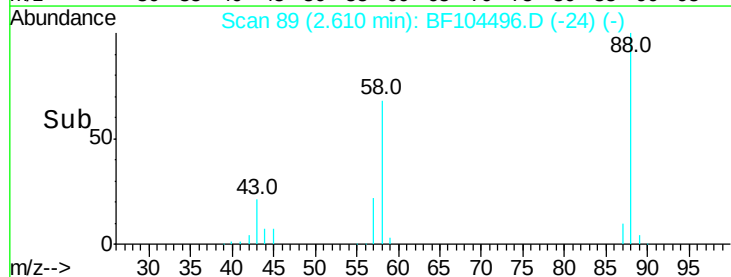
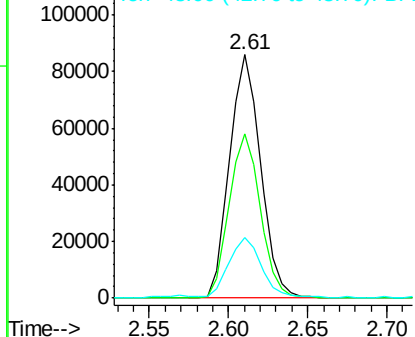
#2

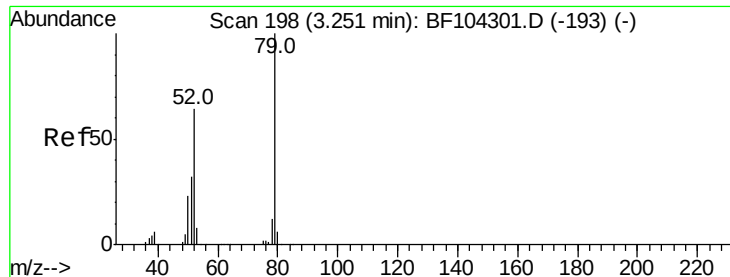
1,4-Dioxane
Concen: 29.170 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Tgt Ion: 88 Resp: 116991
Ion Ratio Lower Upper
88 100
58 68.0 62.6 93.8
43 26.8 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: 30.283 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.08 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

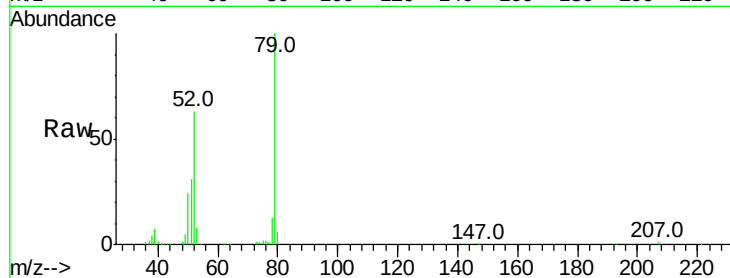
Tot Ion: 79 Resp: 341477

Ion Ratio Lower Upper

79 100

52 63.1 59.8 89.6

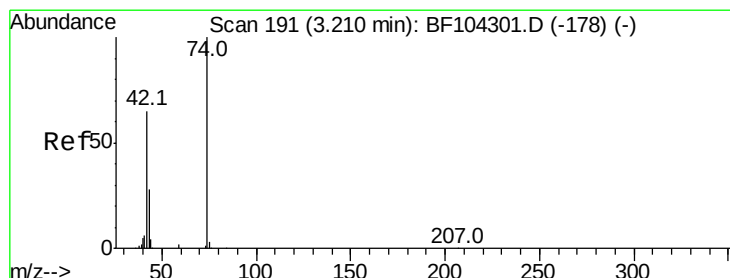
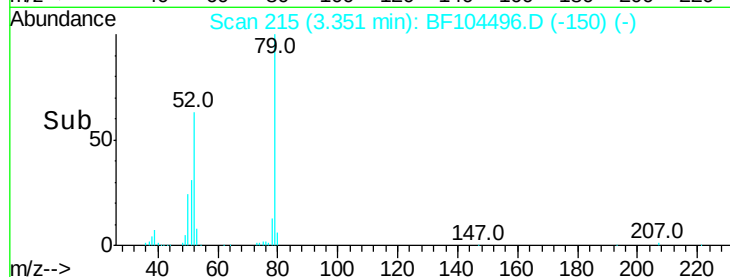
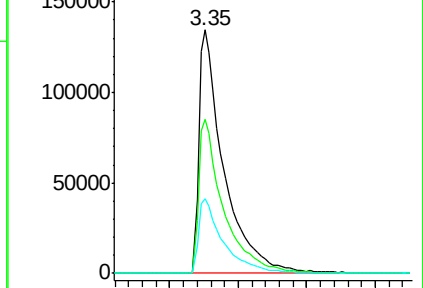
51 30.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.534 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.08 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

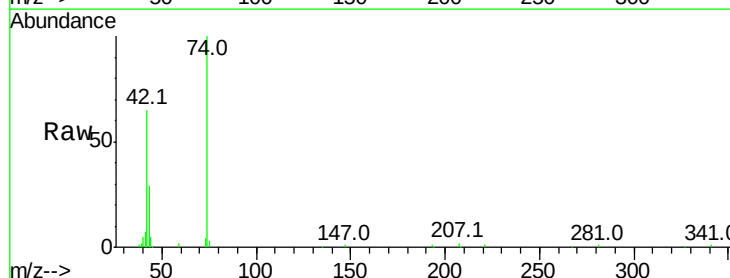
Tgt Ion: 42 Resp: 136124

Ion Ratio Lower Upper

42 100

74 153.0 104.9 157.3

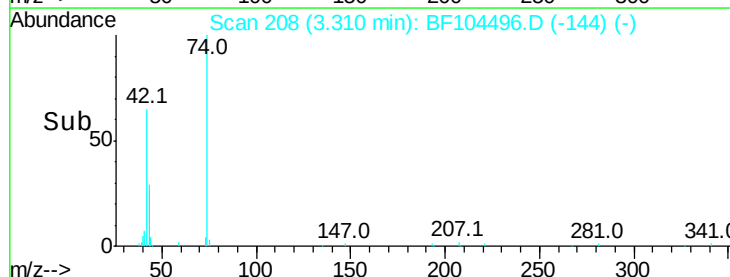
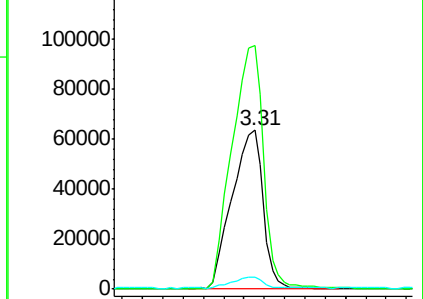
44 7.2 6.9 10.3

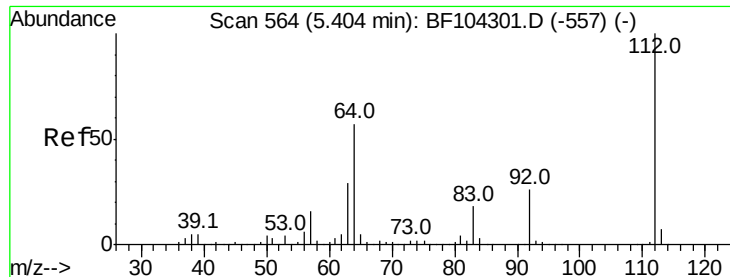


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 100.700 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :
BNA_F
ClientSampled :

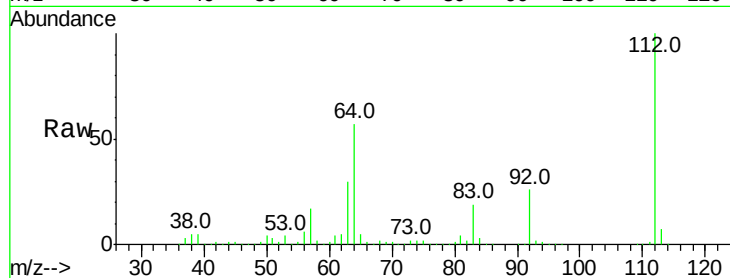
Tot Ion:112 Resp: 866760

Ion Ratio Lower Upper

112 100

64 57.0 47.9 71.9

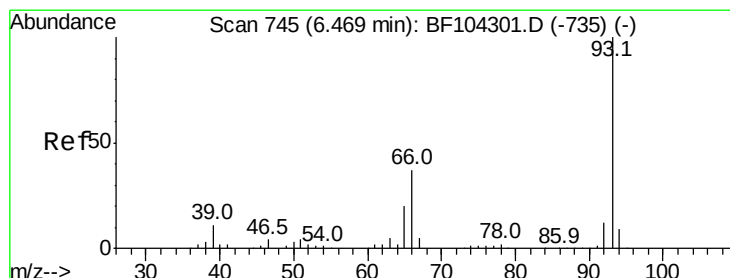
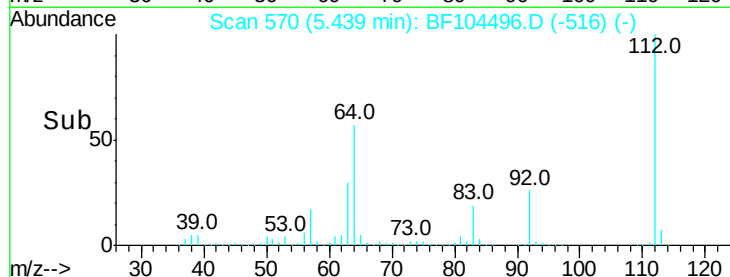
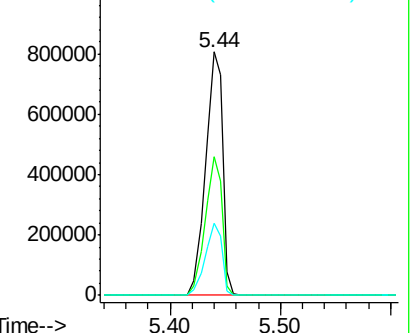
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.659 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

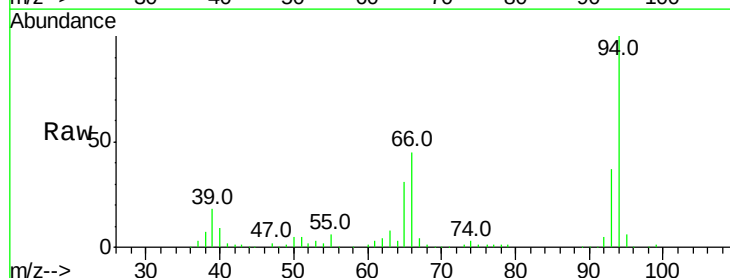
Tgt Ion: 93 Resp: 156614

Ion Ratio Lower Upper

93 100

66 119.9 32.2 48.2#

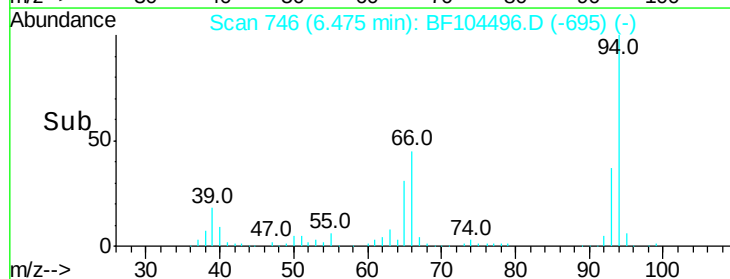
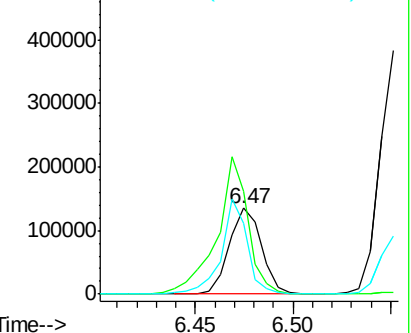
65 82.2 16.4 24.6#

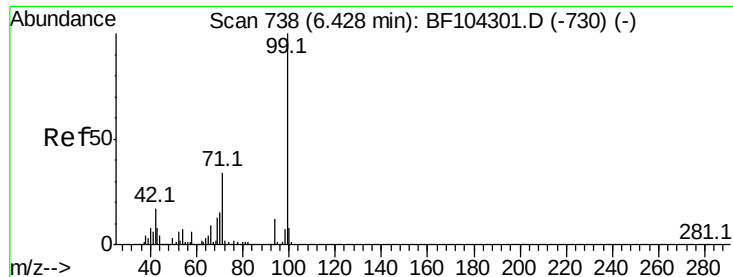


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.471 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

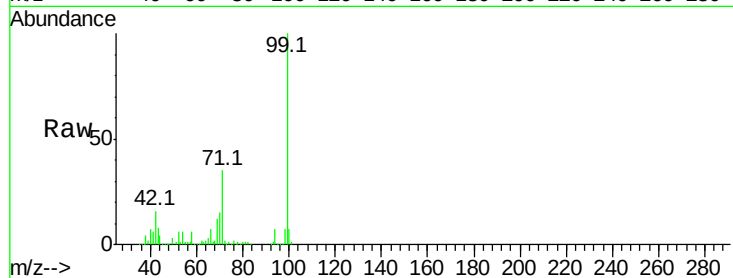
Tot Ion: 99 Resp: 1062542

Ion Ratio Lower Upper

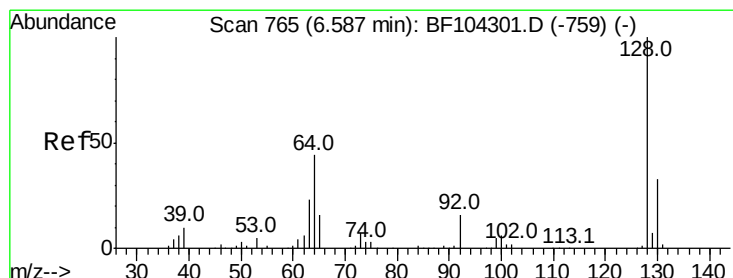
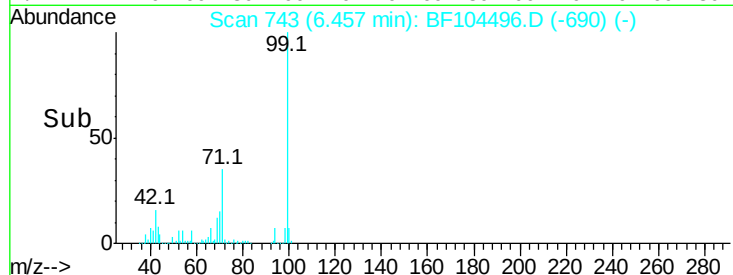
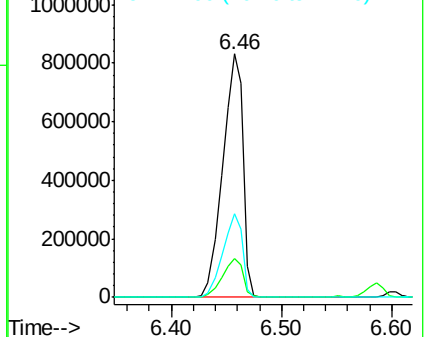
99 100

42 16.1 14.5 21.7

71 34.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.473 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

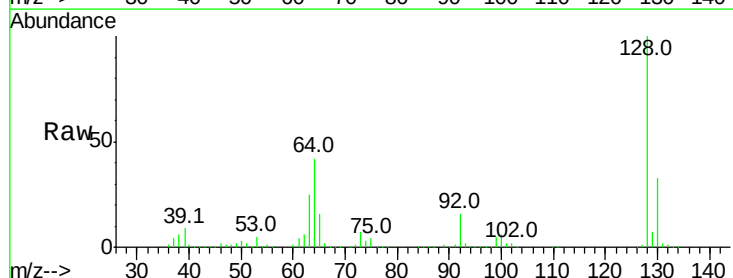
Tgt Ion: 128 Resp: 331347

Ion Ratio Lower Upper

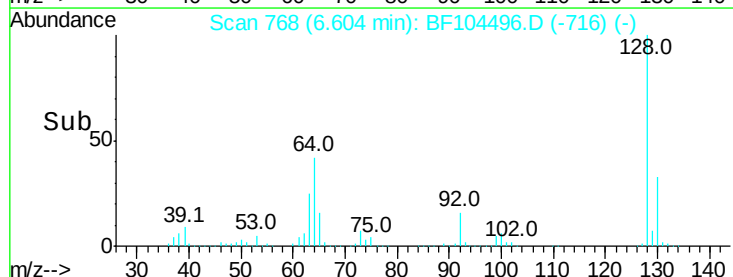
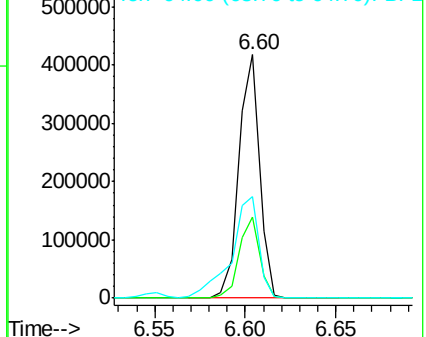
128 100

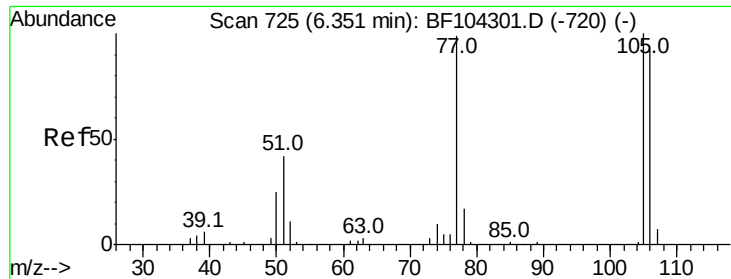
130 33.4 13.0 53.0

64 42.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 25.745 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampled :

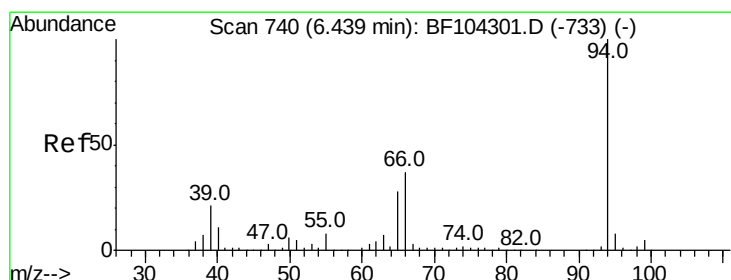
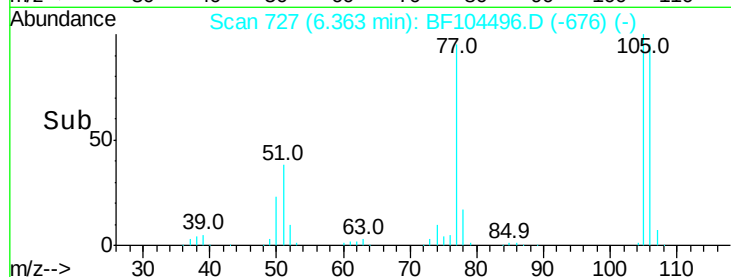
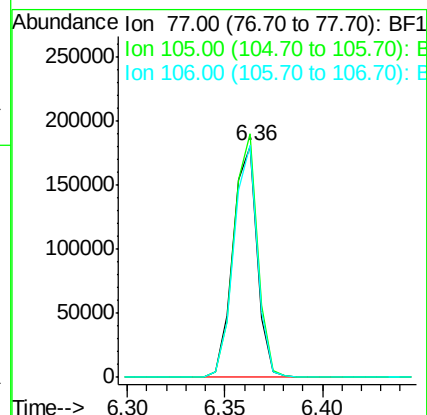
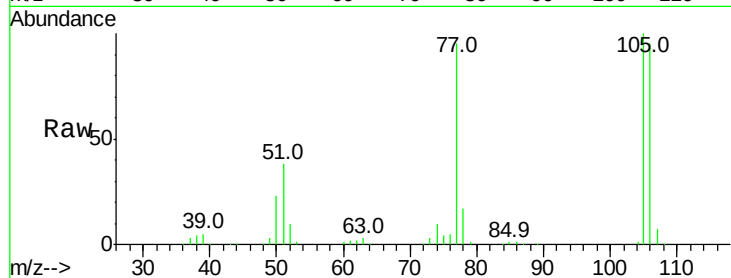
Tot Ion: 77 Resp: 155189

Ion Ratio Lower Upper

77 100

105 105.3 81.1 121.1

106 100.3 74.5 114.5



#10

Phenol

Concen: 34.575 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

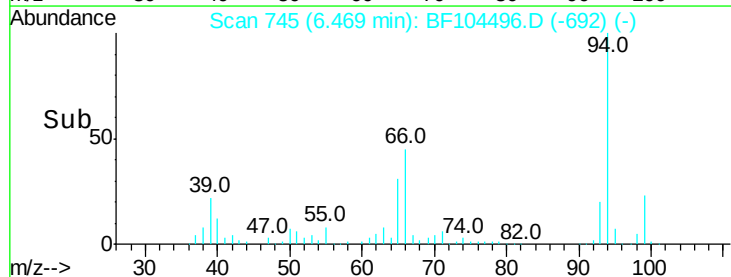
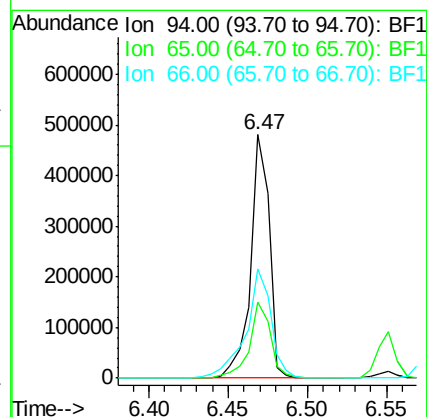
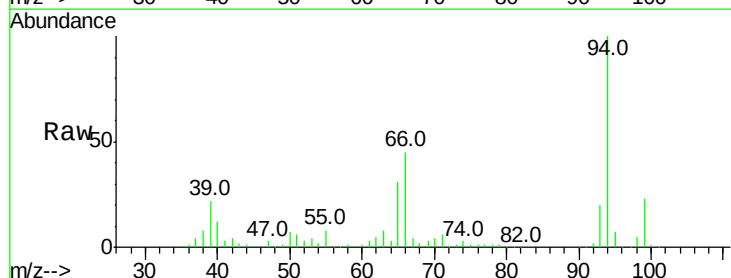
Tgt Ion: 94 Resp: 387968

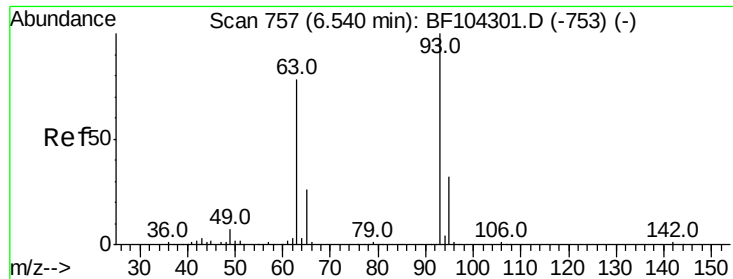
Ion Ratio Lower Upper

94 100

65 31.2 7.9 47.9

66 44.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 34.426 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampled :

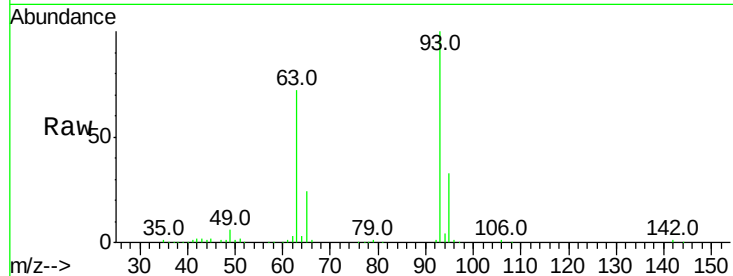
Tot Ion: 93 Resp: 308273

Ion Ratio Lower Upper

93 100

63 72.0 58.6 98.6

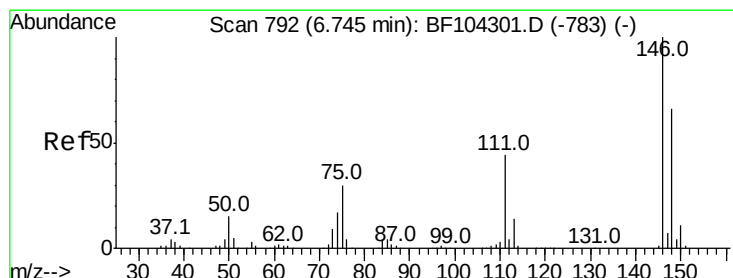
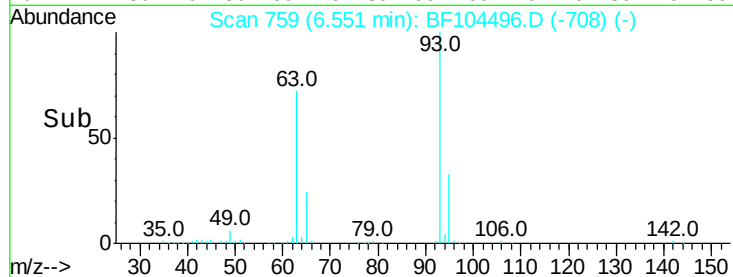
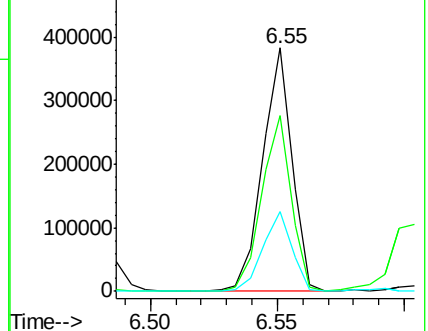
95 32.6 11.8 51.8



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: 33.982 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

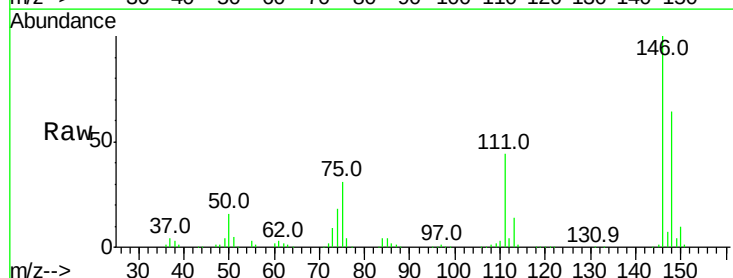
Tgt Ion: 146 Resp: 349743

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

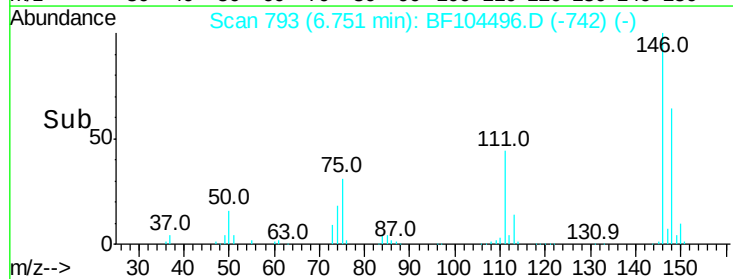
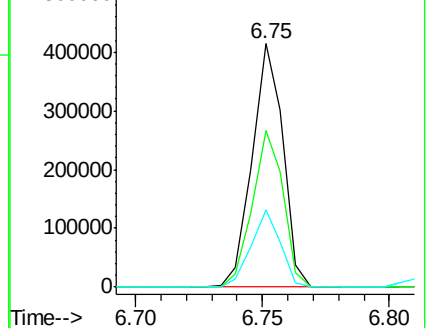
75 31.5 24.2 36.4

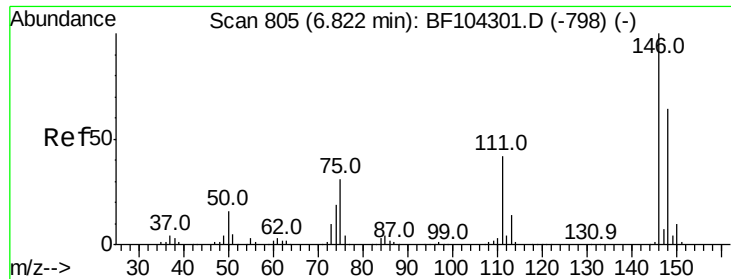


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

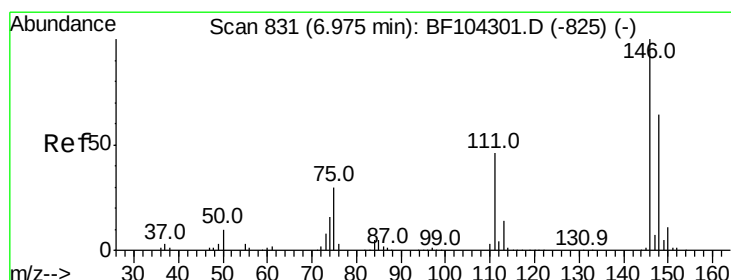
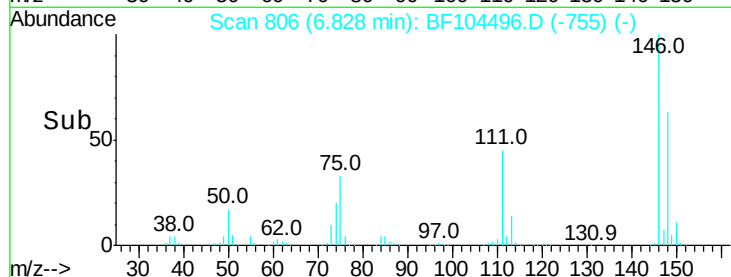
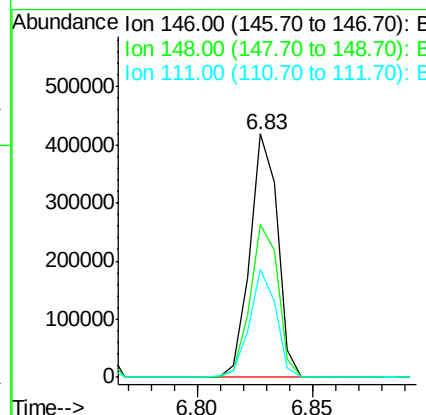
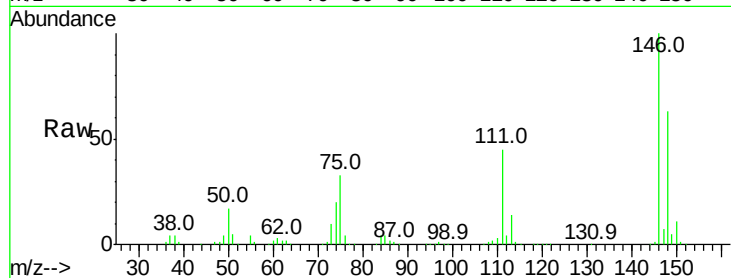




#13
 1,4-Dichlorobenzene
 Concen: 34.223 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

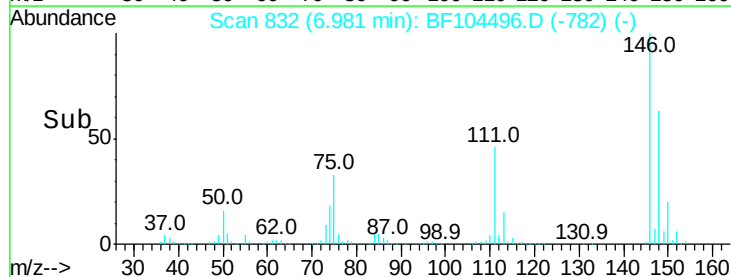
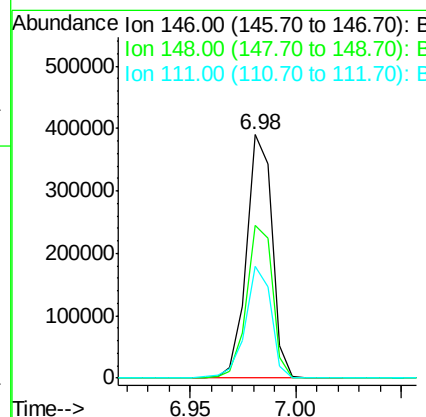
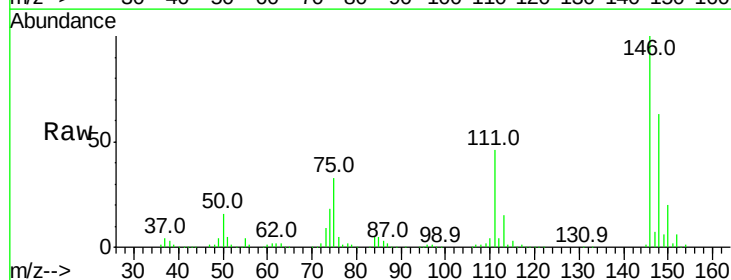
Instrument :
 BNA_F
 ClientSampleId :

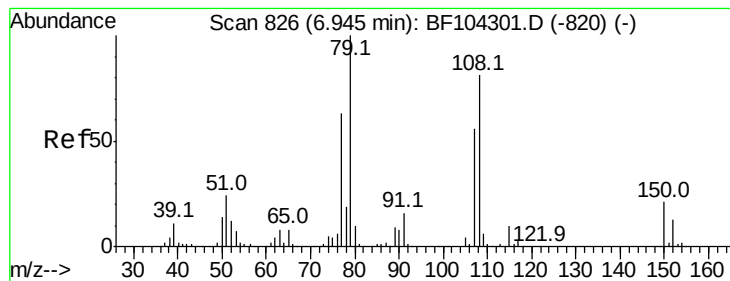
Tot Ion:146 Resp: 351110
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 44.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.263 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:146 Resp: 325748
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 75.8
 111 45.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.154 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :
BNA_F
ClientSampled :

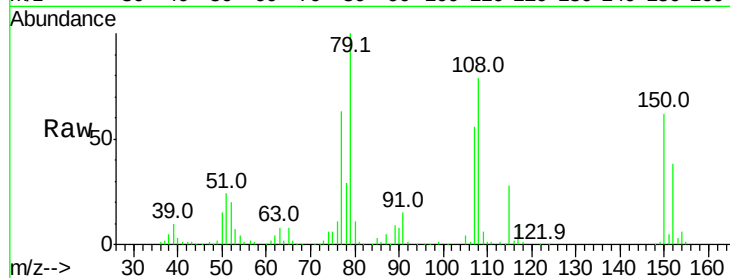
Tot Ion: 79 Resp: 274342

Ion Ratio Lower Upper

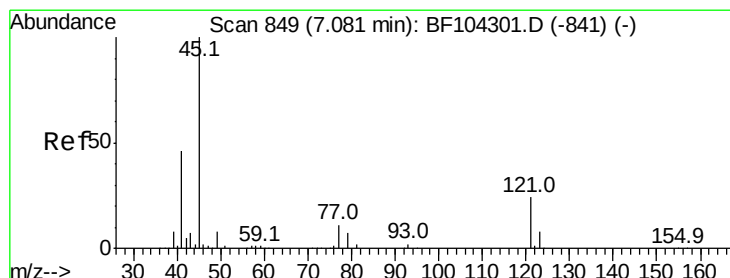
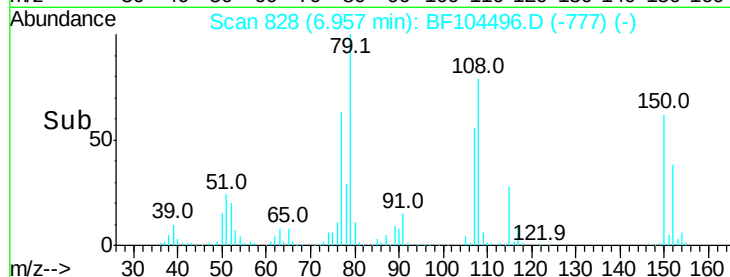
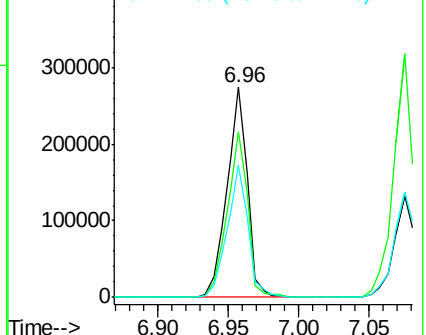
79 100

108 79.0 65.1 97.7

77 62.9 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.614 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

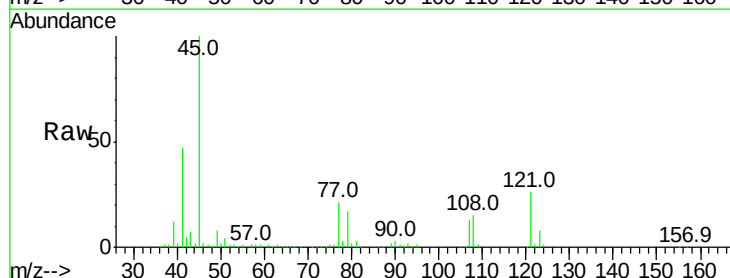
Tgt Ion: 45 Resp: 380171

Ion Ratio Lower Upper

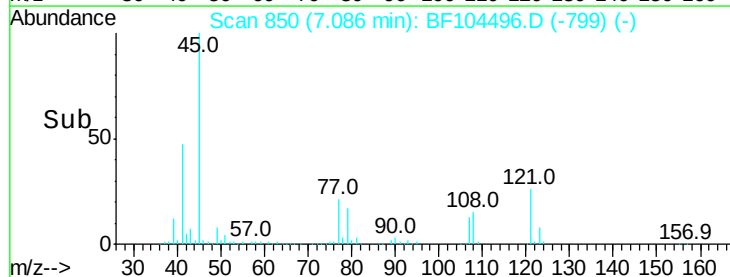
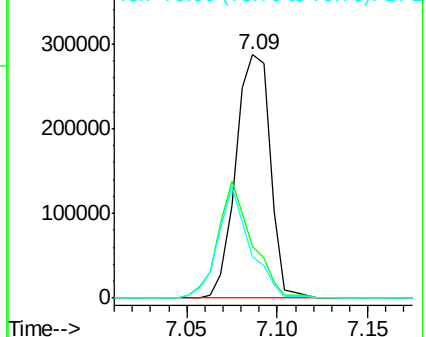
45 100

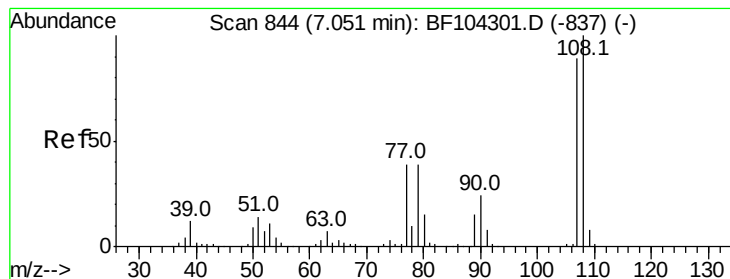
77 21.3 0.0 32.9

79 16.9 0.0 29.6



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





#17

2-Methylphenol

Concen: 34.452 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 272064

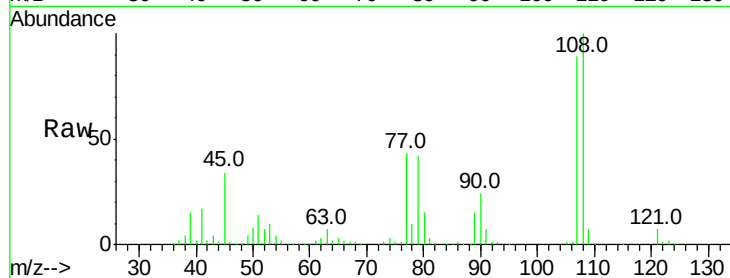
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 48.5 33.8 50.8

79 46.7 33.8 50.8

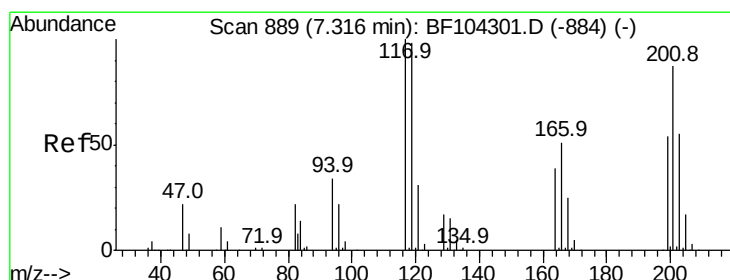
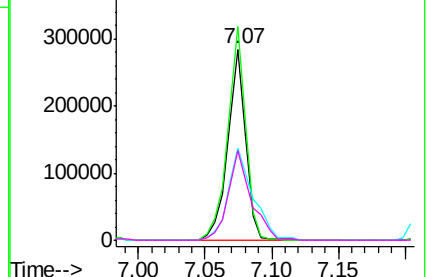
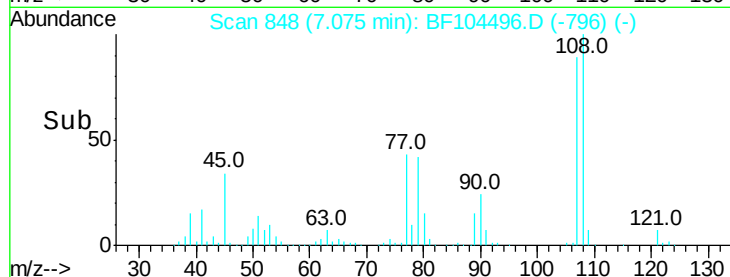


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.138 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

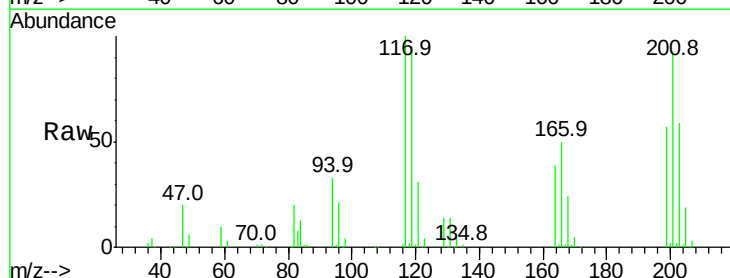
Tgt Ion:117 Resp: 113901

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

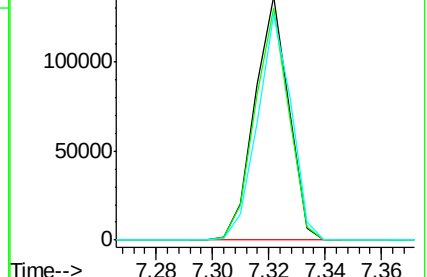
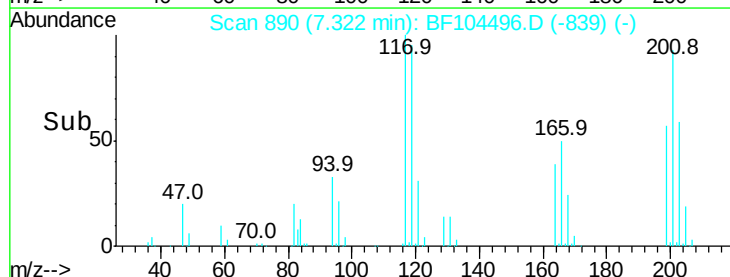
201 92.8 75.7 113.5

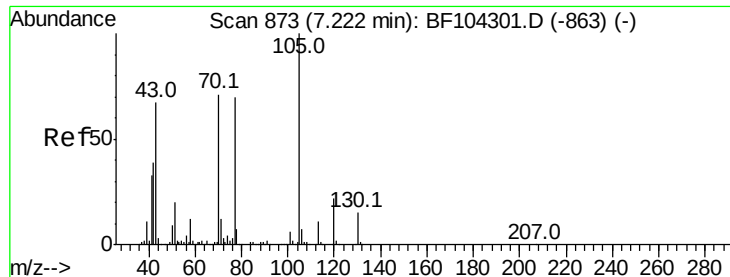


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

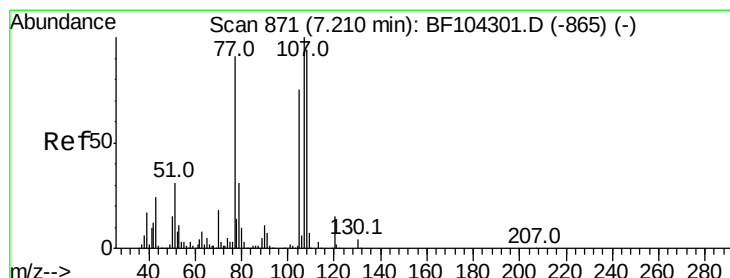
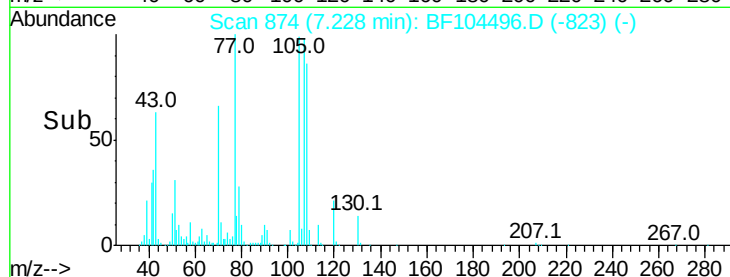
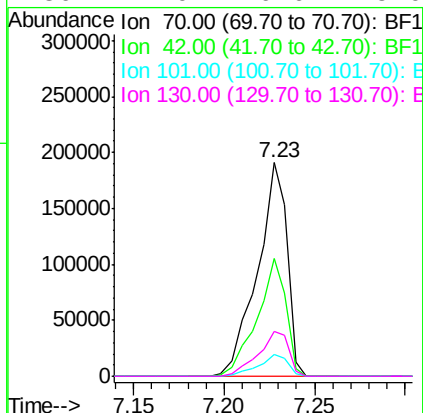
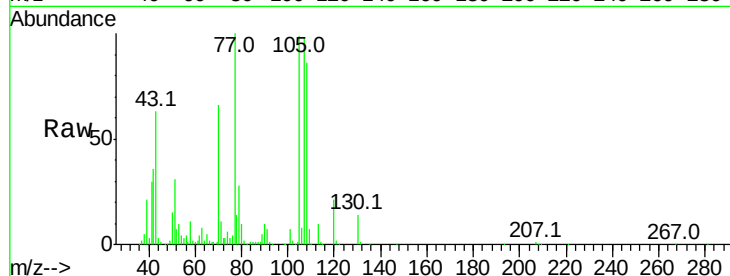




#19
n-Nitroso-di-n-propylamine
Concen: 31.451 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

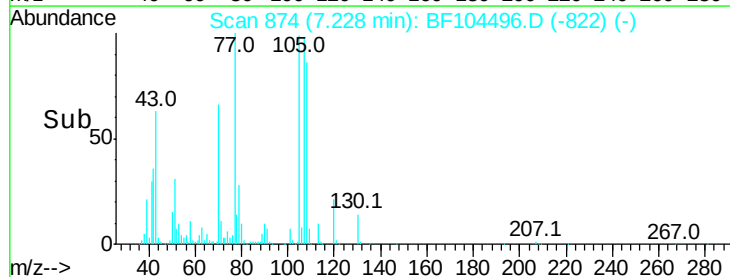
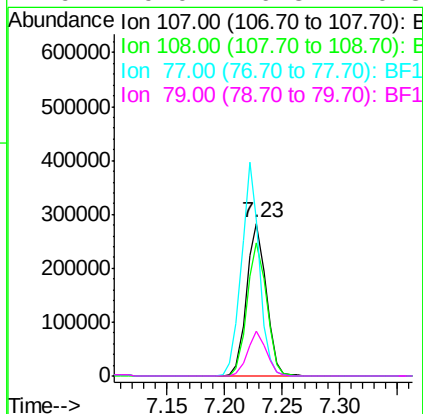
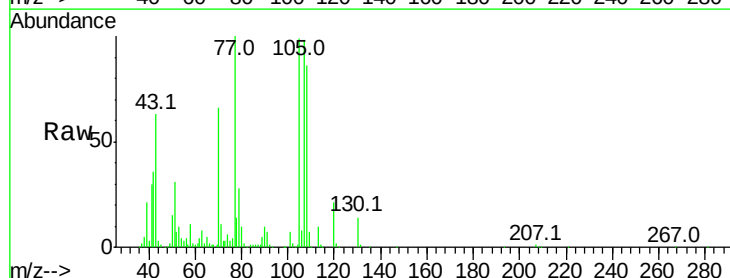
Instrument :
BNA_F
ClientSampled :

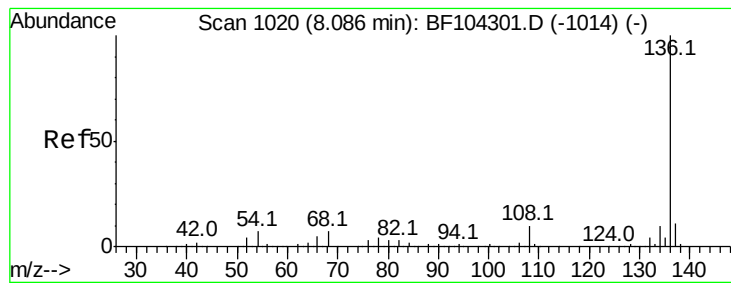
Tot Ion:	70	Resp:	217350
Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.5	71.3
101	10.1	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.953 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Tgt Ion:	107	Resp:	332538
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	102.3	26.7	66.7#
79	29.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 532598

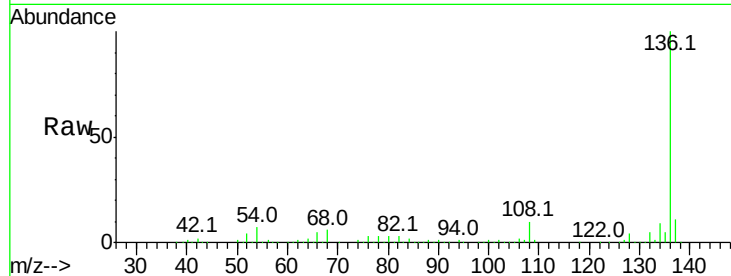
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

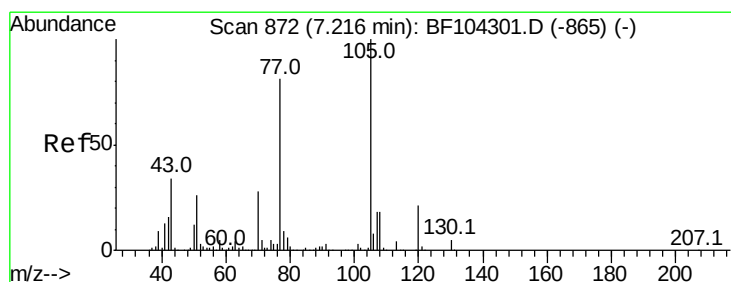
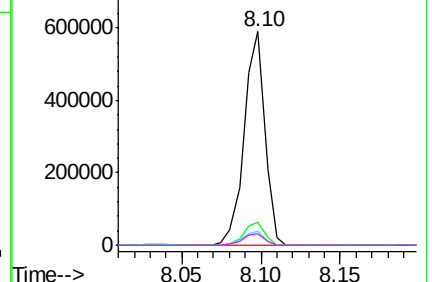
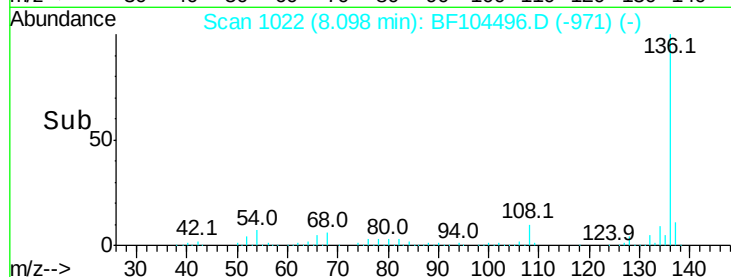


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.324 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Tgt Ion:105 Resp: 436956

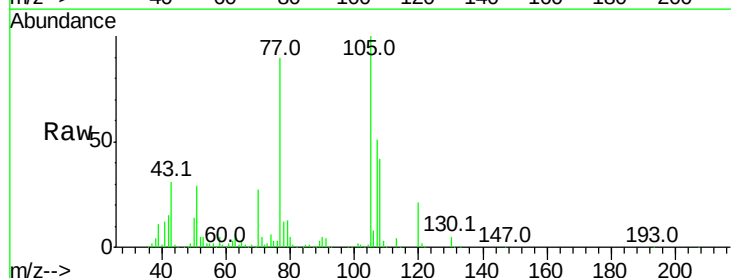
Ion Ratio Lower Upper

105 100

71 4.5 4.4 6.6

51 29.0 22.3 33.5

120 21.3 16.9 25.3

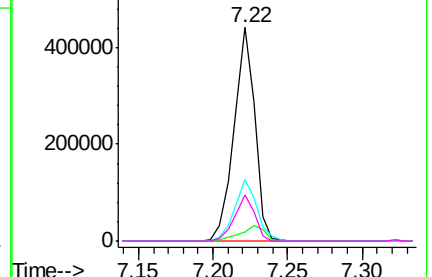
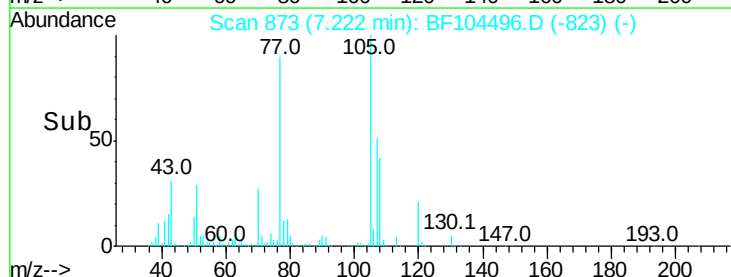


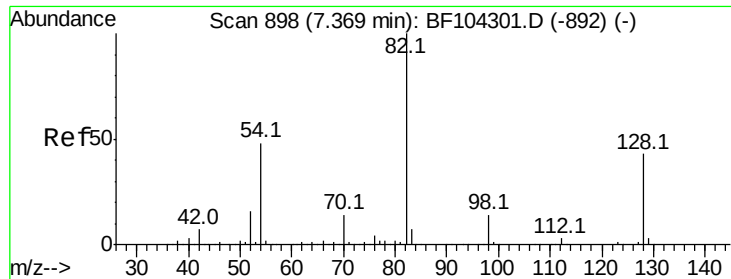
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

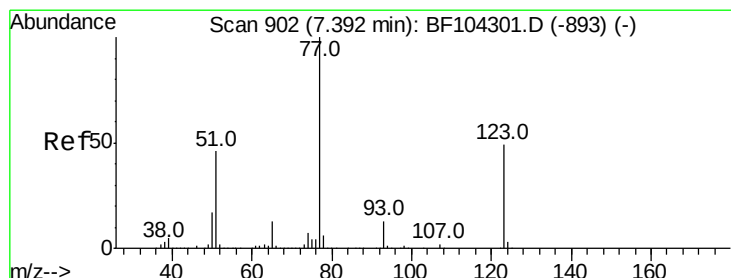
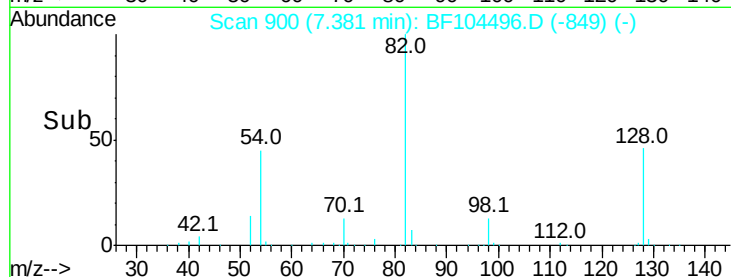
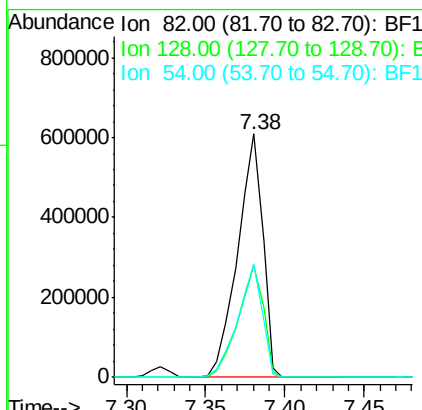
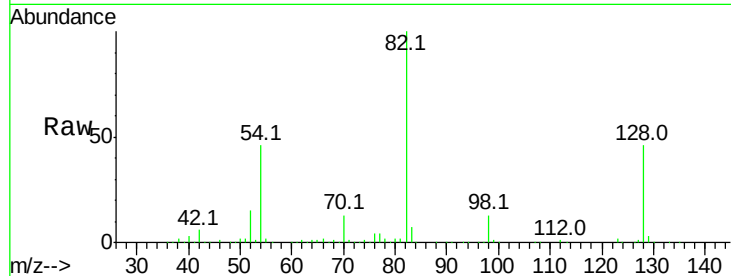




#23
 Nitrobenzene-d5
 Concen: 81.876 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

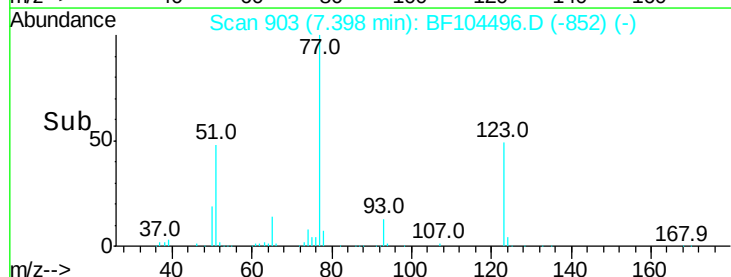
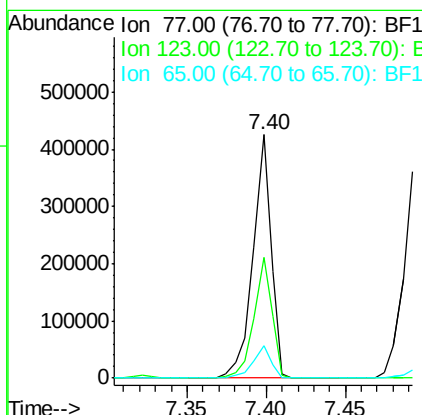
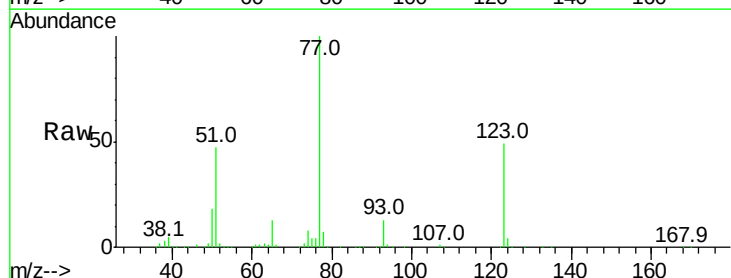
Instrument :
 BNA_F
 ClientSampled :

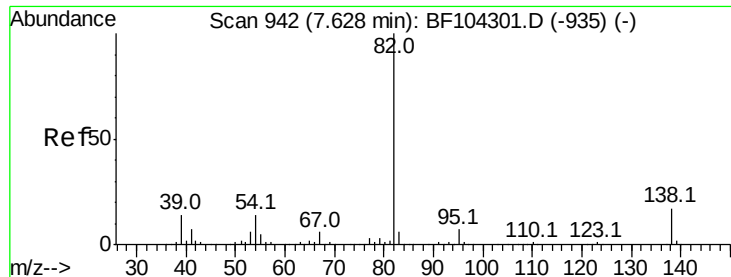
Tot Ion: 82 Resp: 667811
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 46.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 37.534 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion: 77 Resp: 338003
 Ion Ratio Lower Upper
 77 100
 123 49.3 37.9 56.9
 65 13.5 11.0 16.4





#25

Isophorone

Concen: 35.622 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

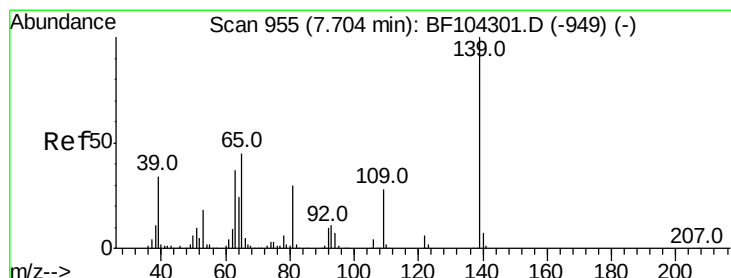
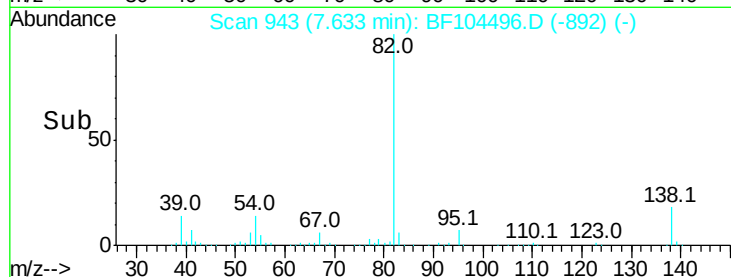
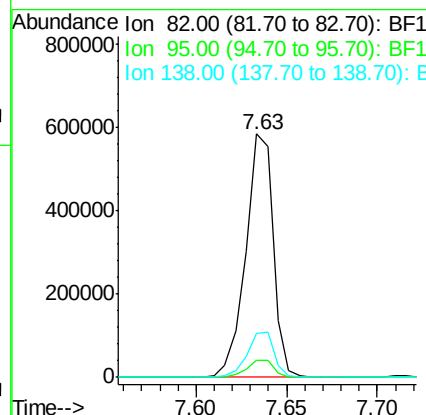
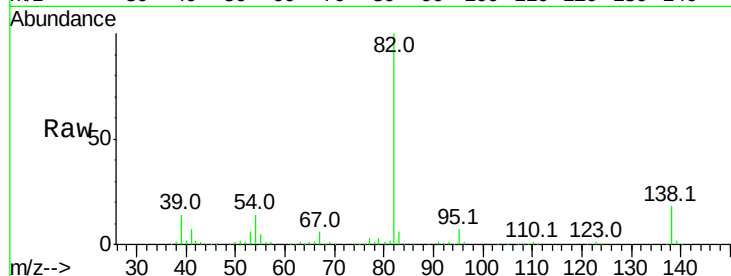
Tot Ion: 82 Resp: 614410

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 43.881 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

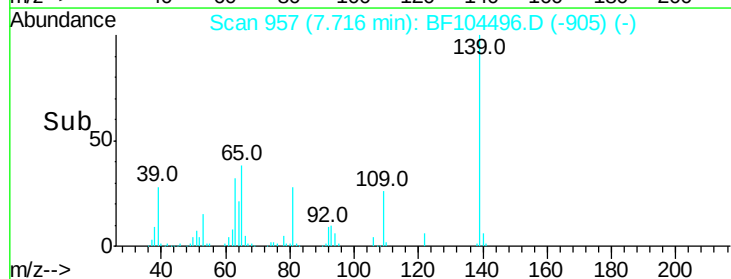
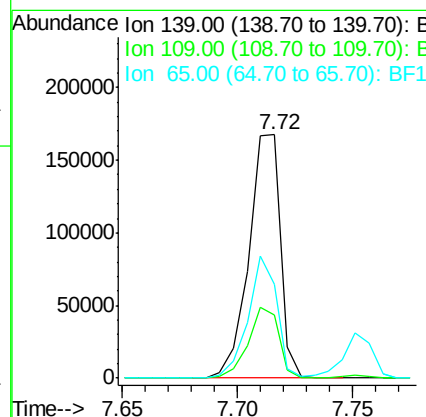
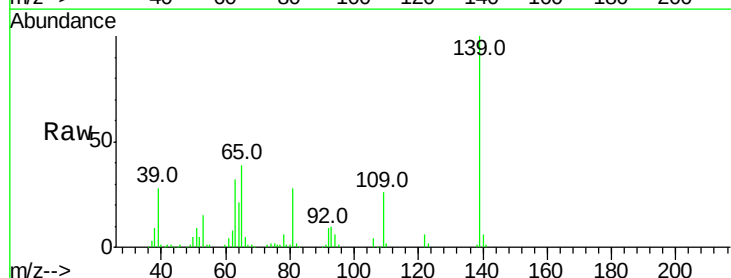
Tgt Ion: 139 Resp: 160871

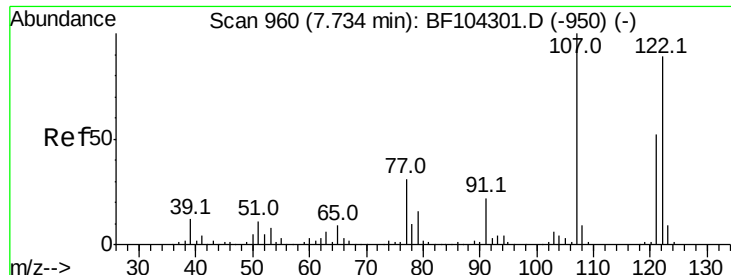
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 38.7 40.5 60.7#

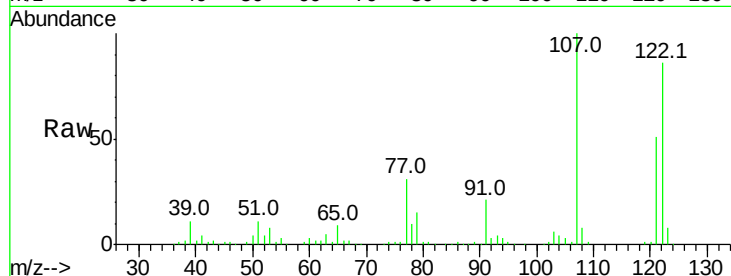




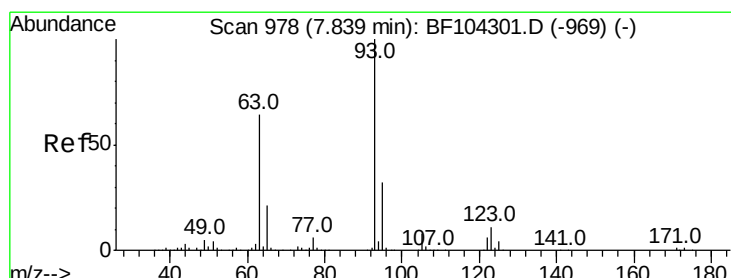
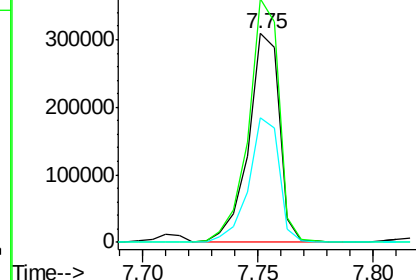
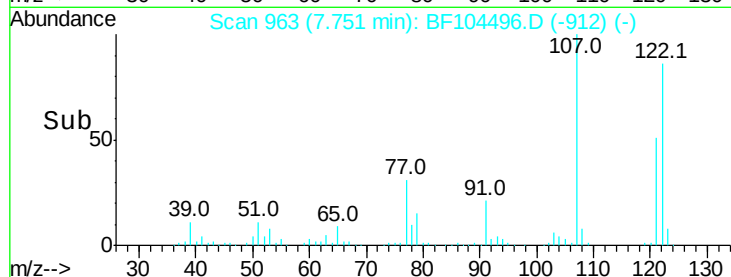
#27
 2,4-Dimethylphenol
 Concen: 38.174 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.2	136.8
121	60.0	47.2	70.8

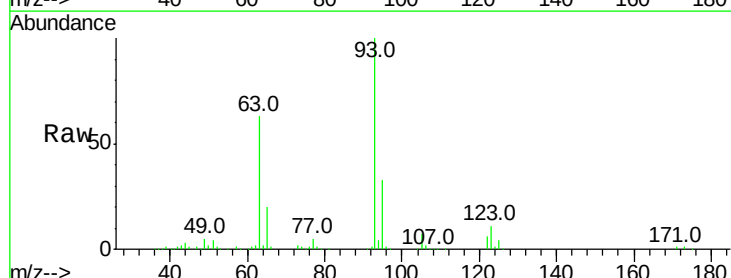


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

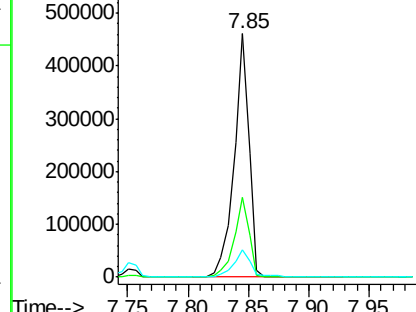
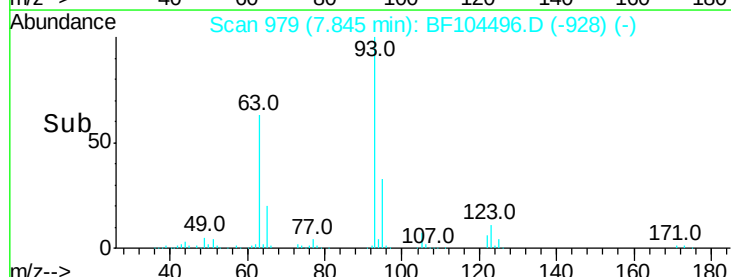


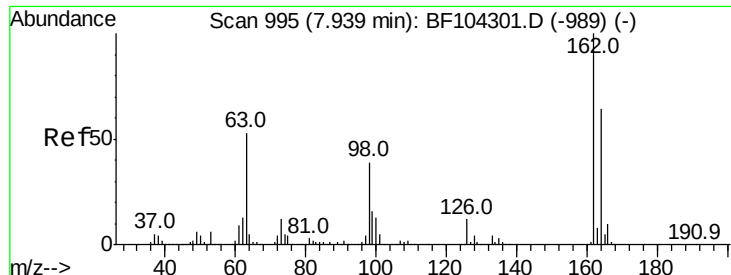
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.237 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.1	9.8	14.6



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

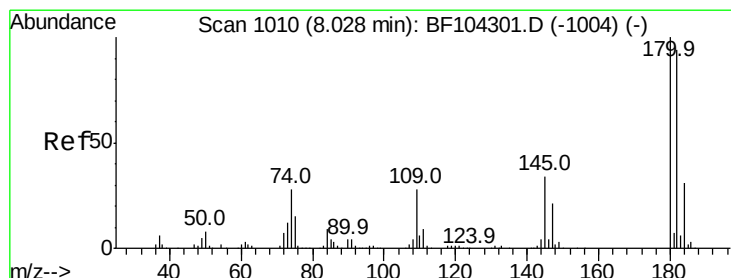
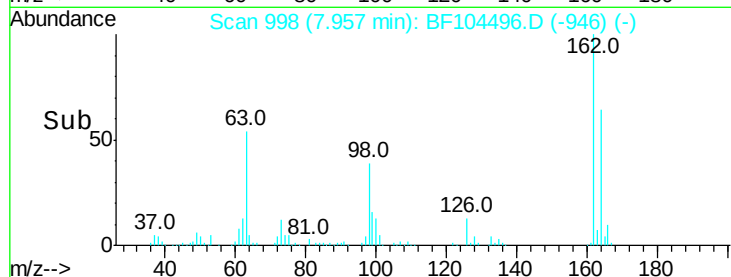
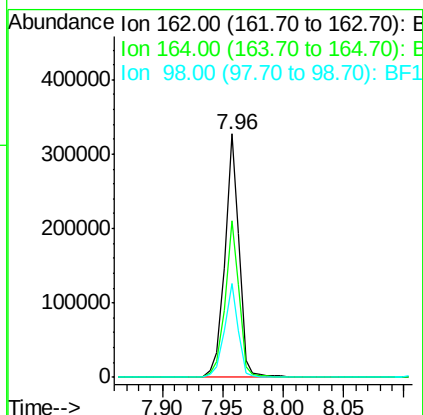
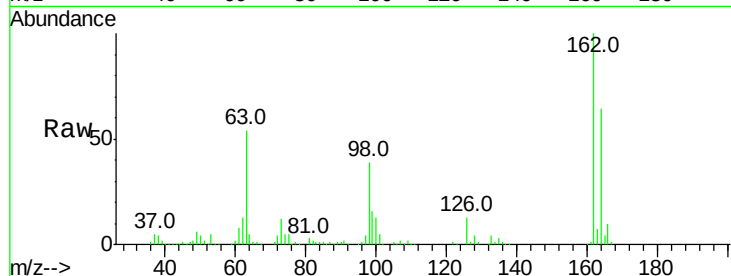




#29
2,4-Dichlorophenol
Concen: 36.477 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

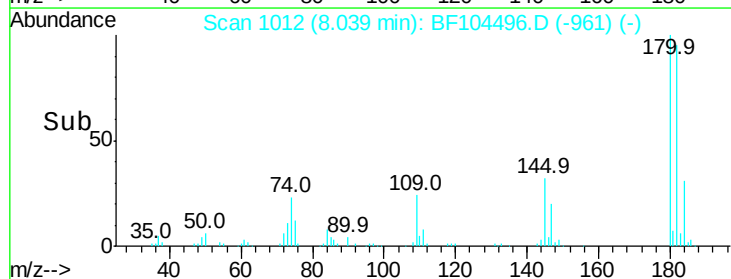
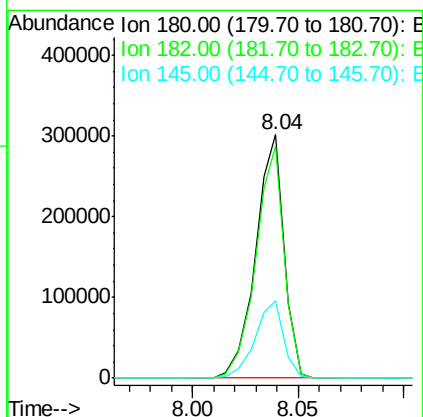
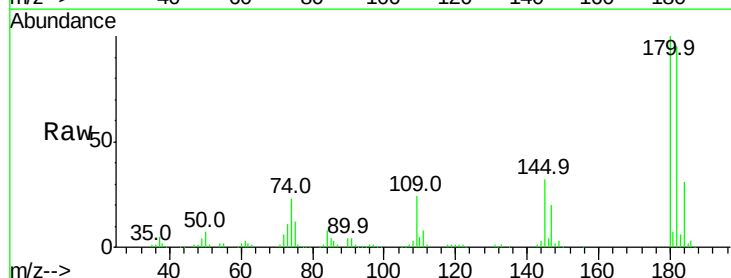
Instrument :
BNA_F
ClientSampleId :

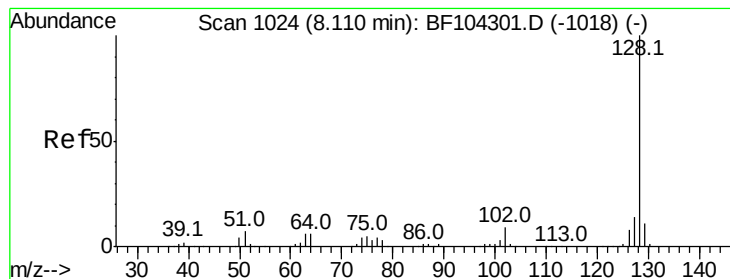
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	38.7	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 35.237 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	31.7	26.5	39.7





#31

Naphthalene

Concen: 34.711 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

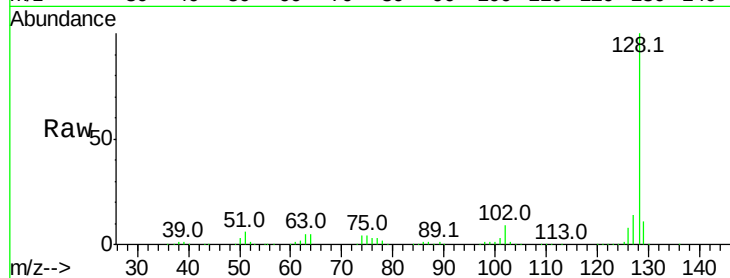
Tot Ion:128 Resp: 920552

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

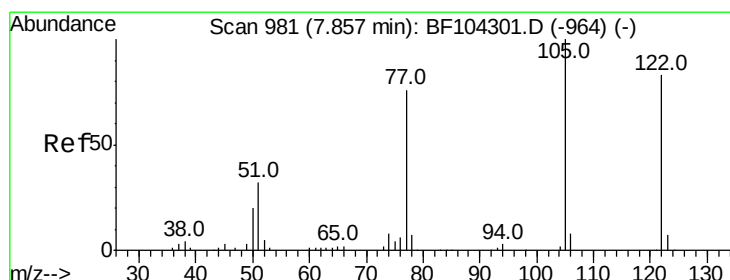
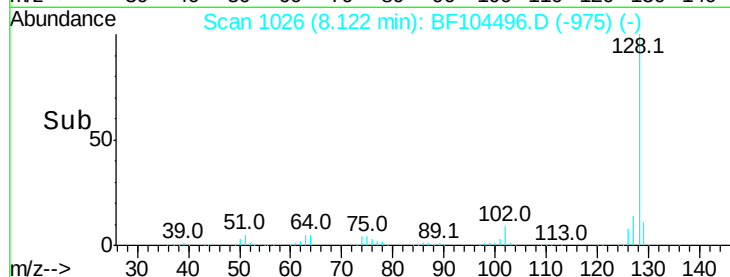
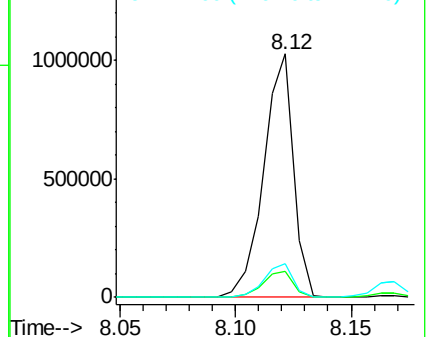
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.580 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

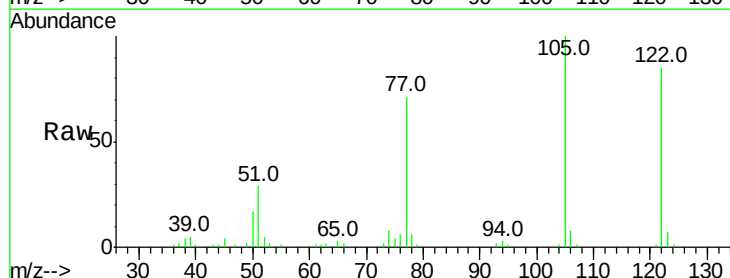
Tgt Ion:122 Resp: 118919

Ion Ratio Lower Upper

122 100

105 117.6 101.1 141.1

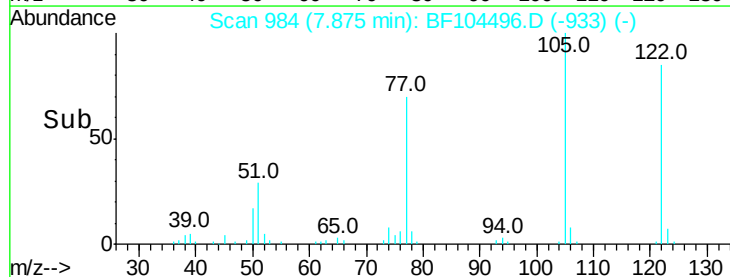
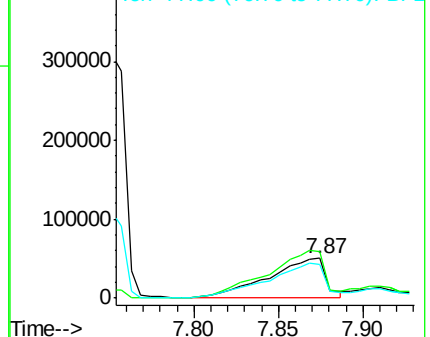
77 83.9 70.7 110.7

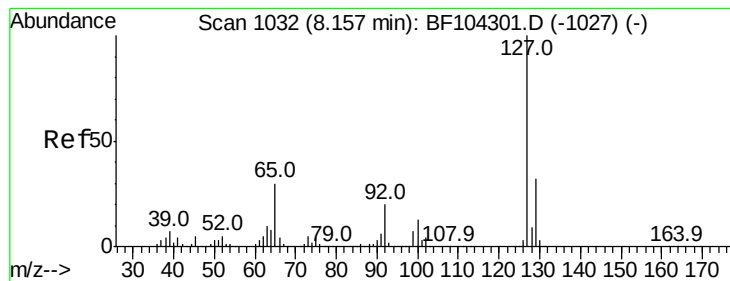


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.633 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 75361

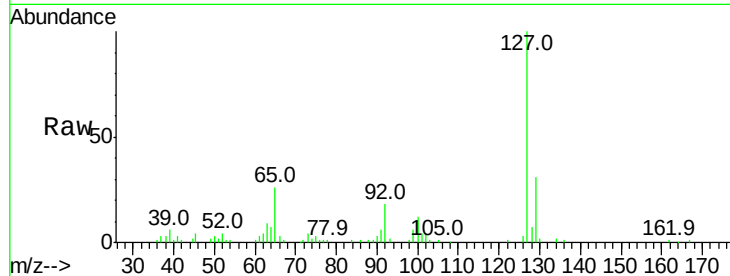
Ion Ratio Lower Upper

127 100

129 30.8 25.9 38.9

65 26.3 25.0 37.4

92 17.8 15.2 22.8

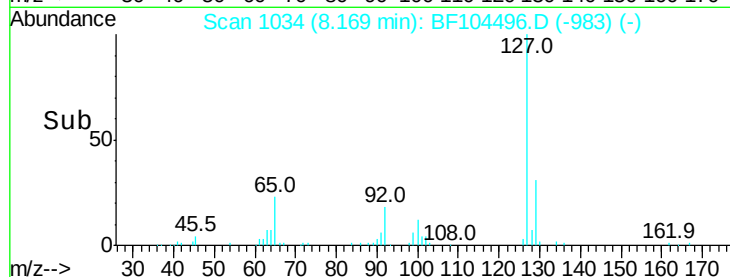


Abundance Ion 127.00 (126.70 to 127.70): E

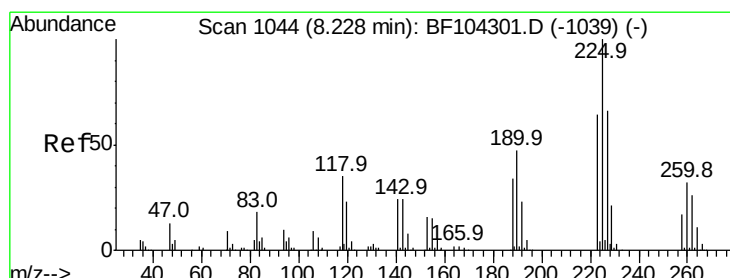
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 34.864 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

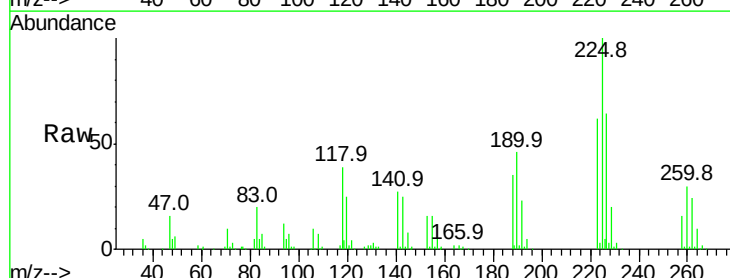
Tgt Ion:225 Resp: 152215

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

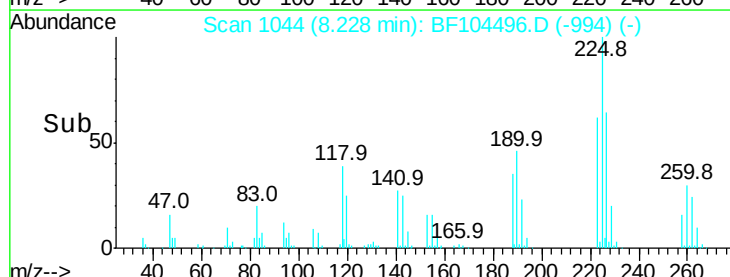
227 64.0 51.9 77.9



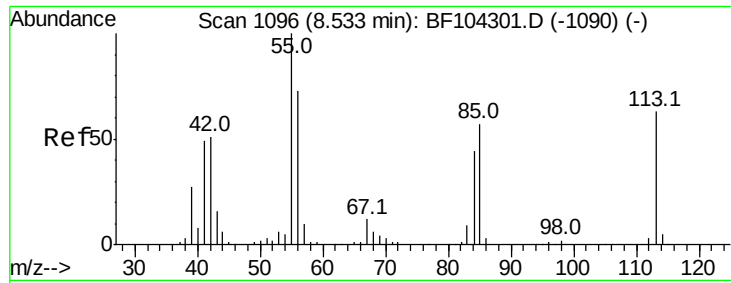
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 32.573 ng

RT: 8.55 min Scan# 1099

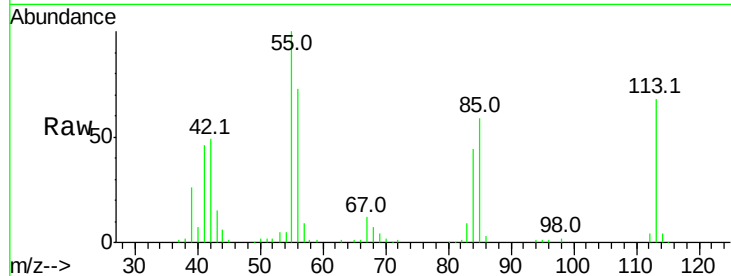
Delta R.T. -0.00 min

Lab File: BF104496.D

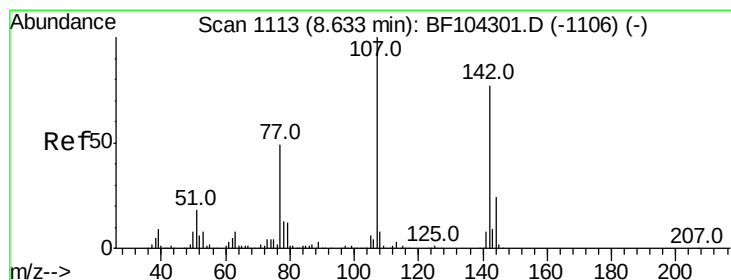
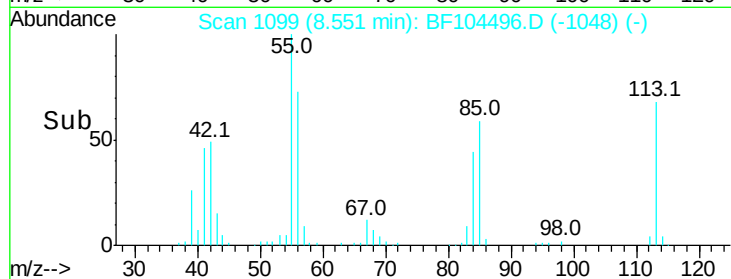
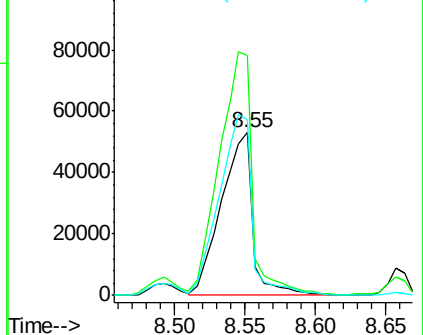
Acq: 13 Apr 2018 23:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 82530
Ion Ratio Lower Upper
113 100
55 147.0 163.3 203.3#
56 108.1 115.7 155.7#



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: 35.838 ng

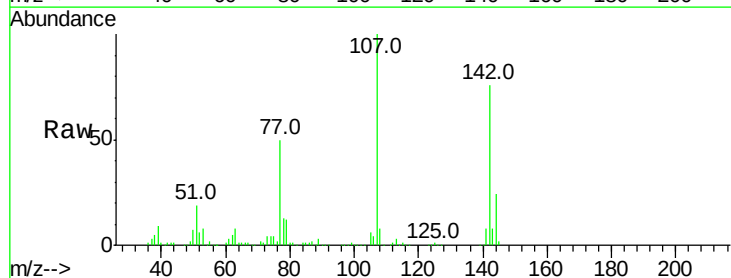
RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

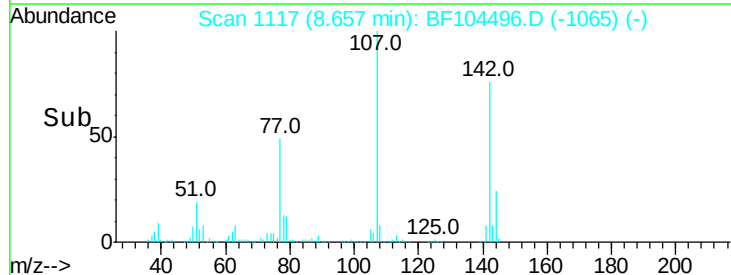
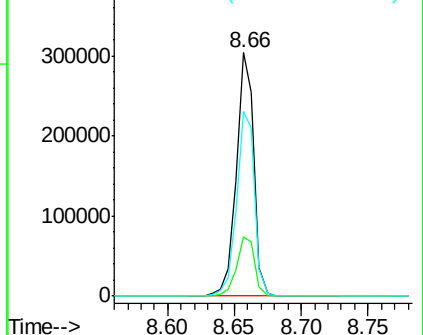
Lab File: BF104496.D

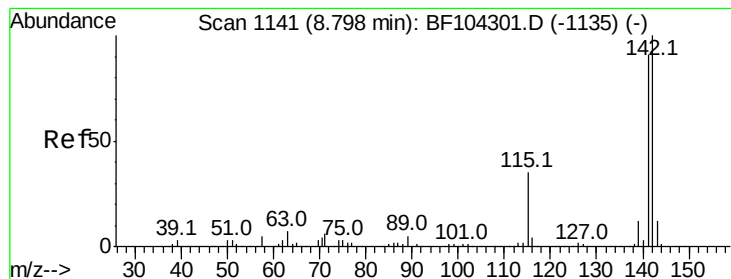
Acq: 13 Apr 2018 23:08

Tgt Ion:107 Resp: 279103
Ion Ratio Lower Upper
107 100
144 24.4 20.5 30.7
142 75.6 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: 35.005 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

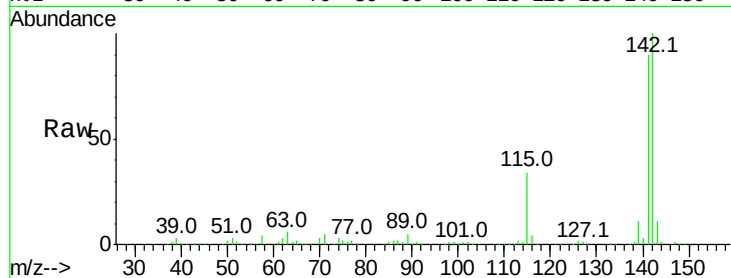
Tot Ion:142 Resp: 600509

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2

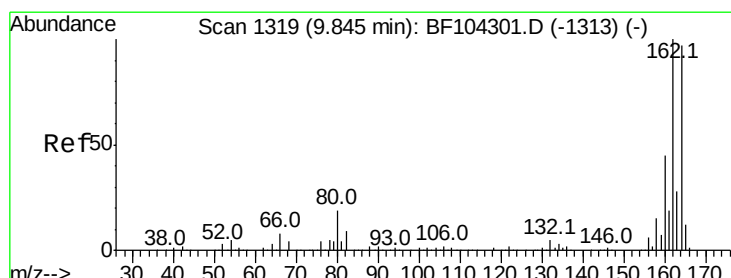
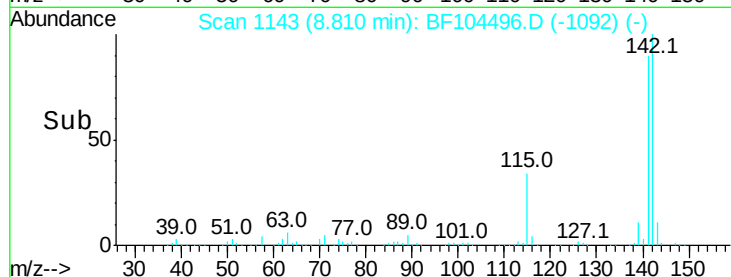
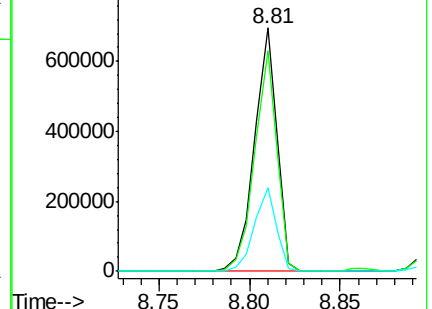
115 34.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

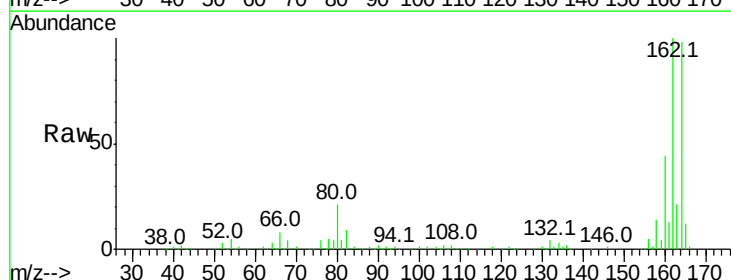
Tgt Ion:164 Resp: 230106

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

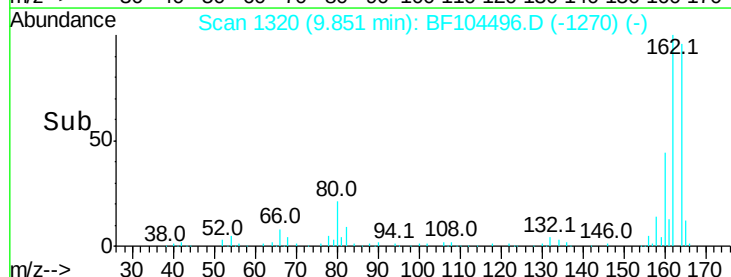
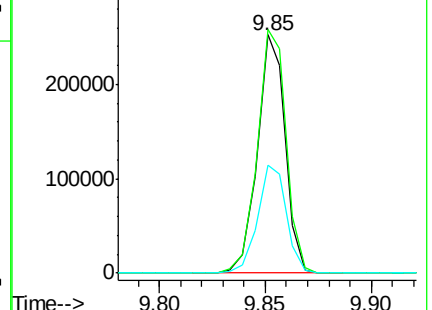
160 45.2 38.3 57.5

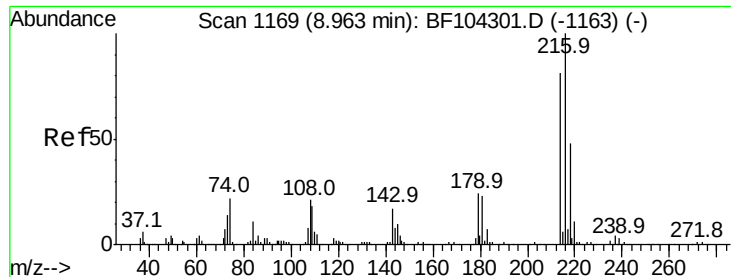


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

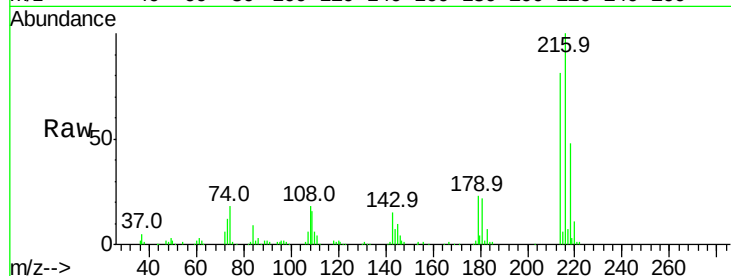




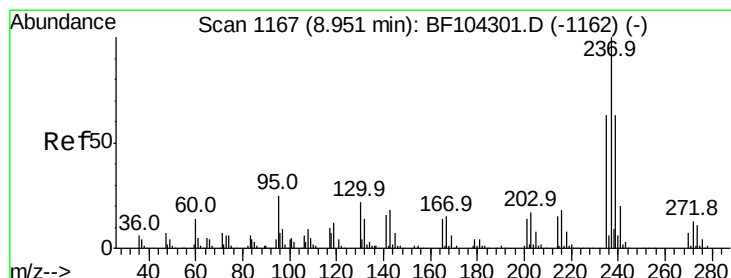
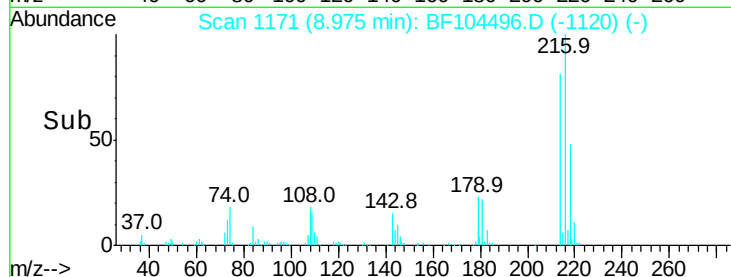
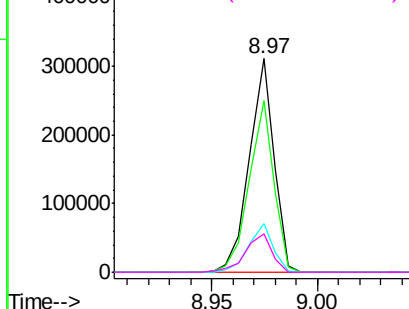
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.575 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	254092
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	22.7	18.1	27.1
108	19.3	17.2	25.8

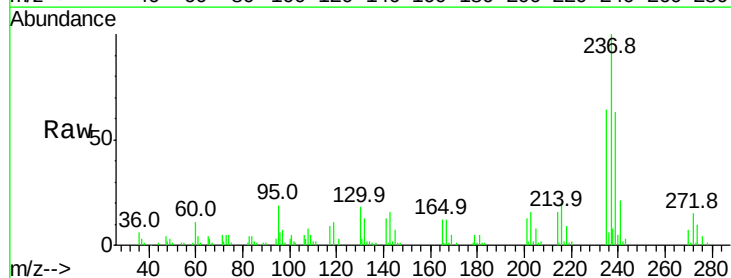


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

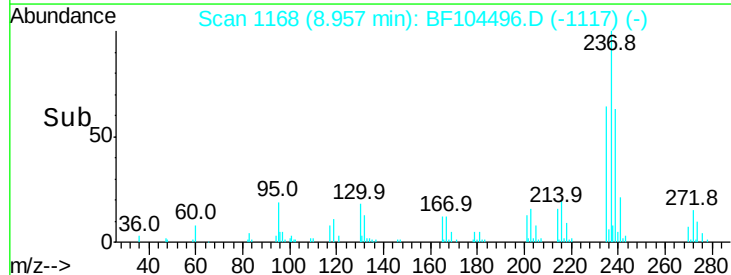
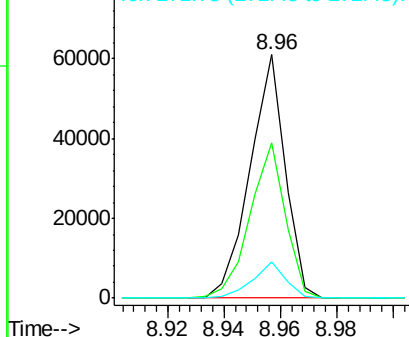


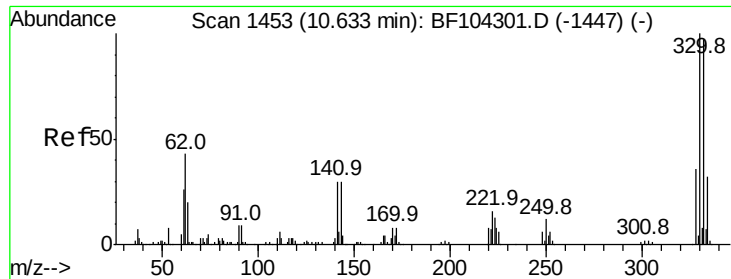
#40
 Hexachlorocyclopentadiene
 Concen: 14.307 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:	237	Resp:	52760
Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.8	84.8
272	14.7	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

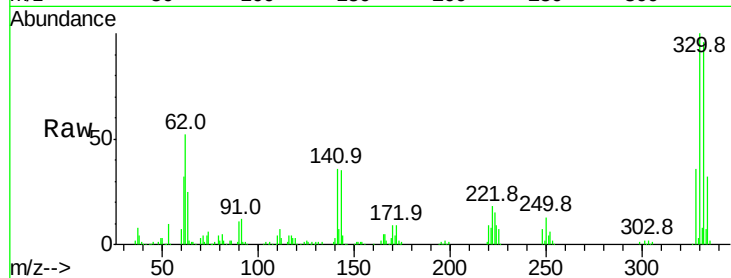




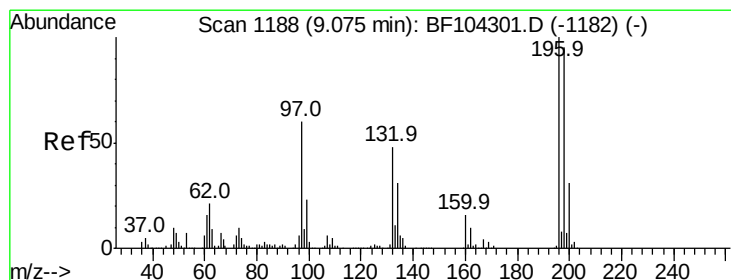
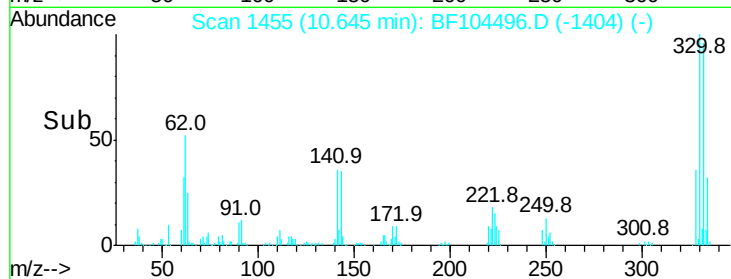
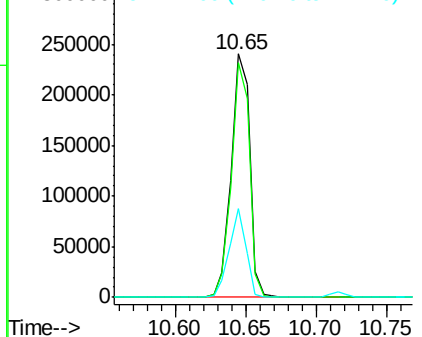
#41
 2,4,6-Tribromophenol
 Concen: 92.471 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	33.2	29.9	44.9

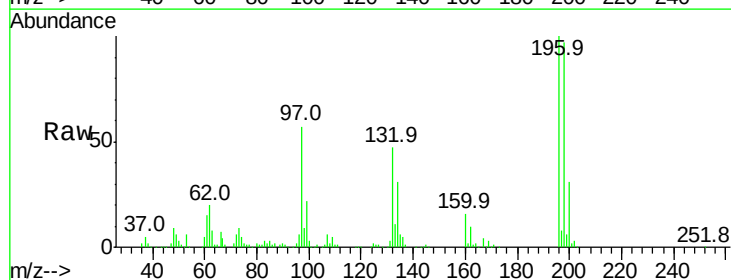


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

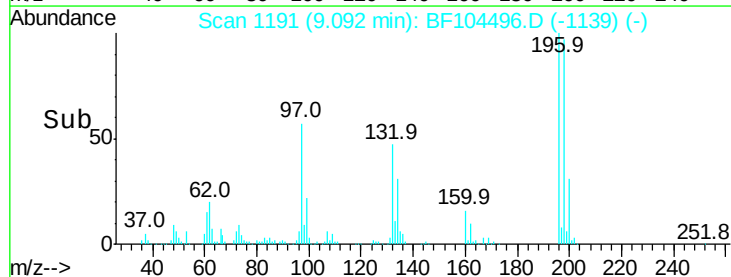
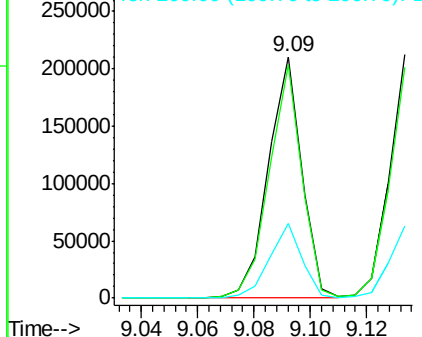


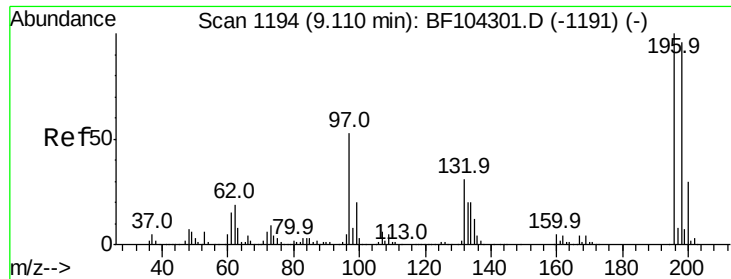
#42
 2,4,6-Trichlorophenol
 Concen: 37.927 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.7	113.5
200	30.8	24.5	36.7



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

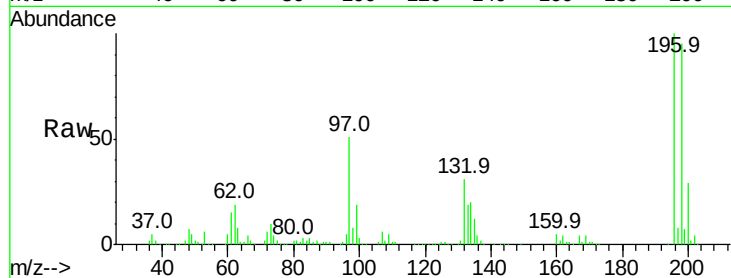




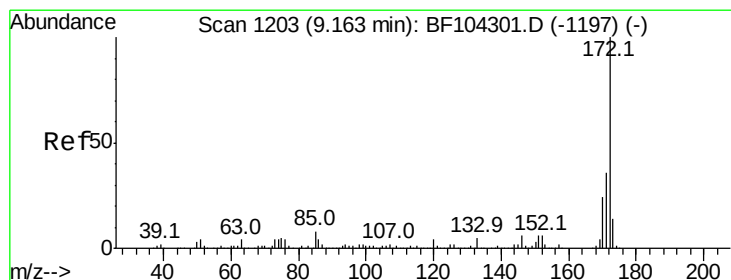
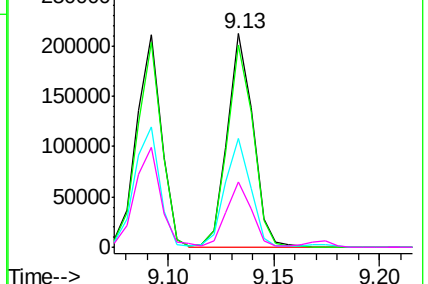
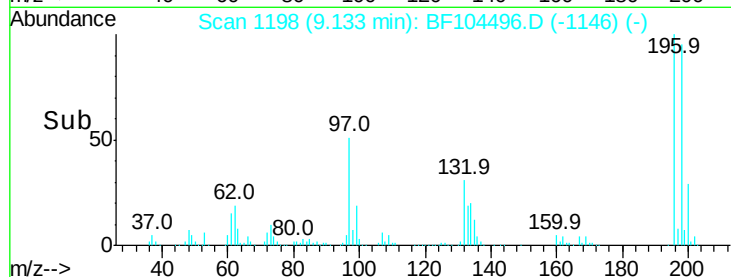
#43
 2,4,5-Trichlorophenol
 Concen: 34.829 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 178214
 Ion Ratio Lower Upper
 196 100
 198 94.8 74.6 112.0
 97 51.1 42.9 64.3
 132 30.8 26.3 39.5

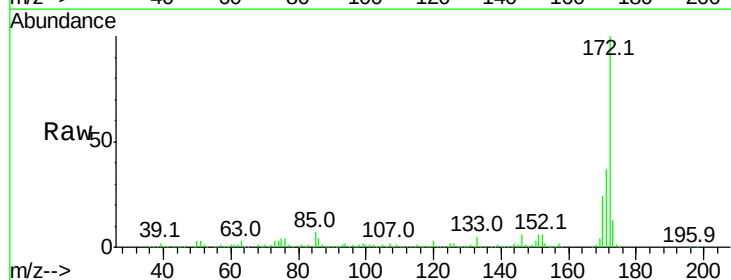


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

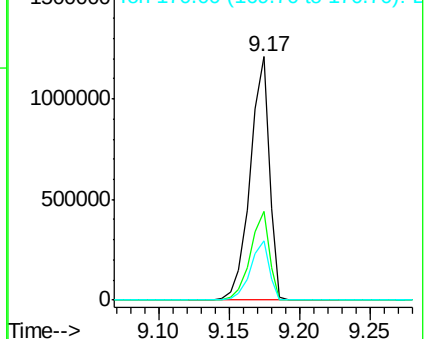
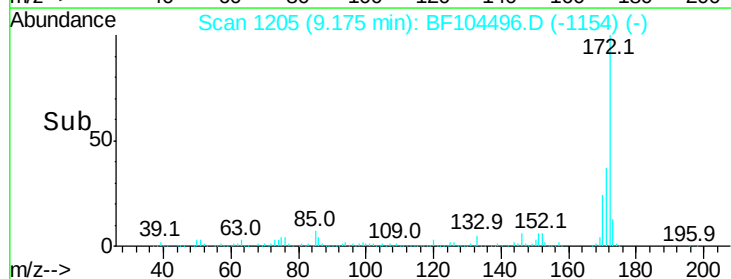


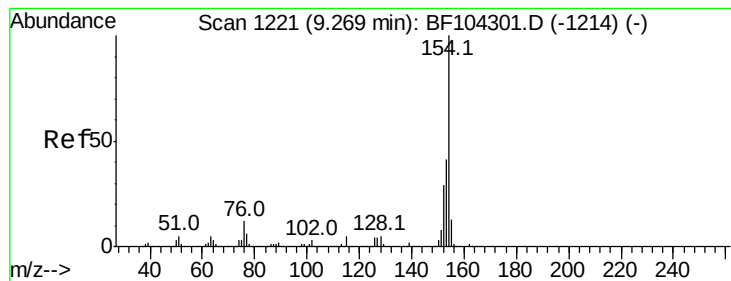
#44
 2-Fluorobiphenyl
 Concen: 79.415 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:172 Resp: 1156755
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 35.456 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

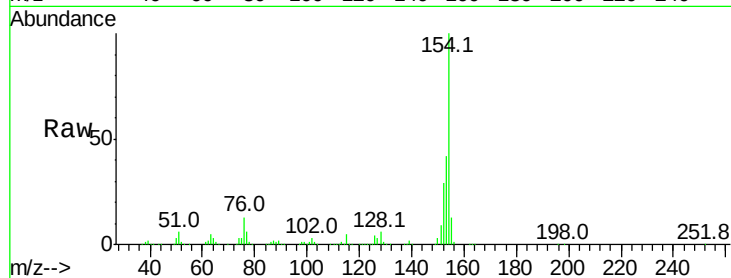
Tot Ion:154 Resp: 685383

Ion Ratio Lower Upper

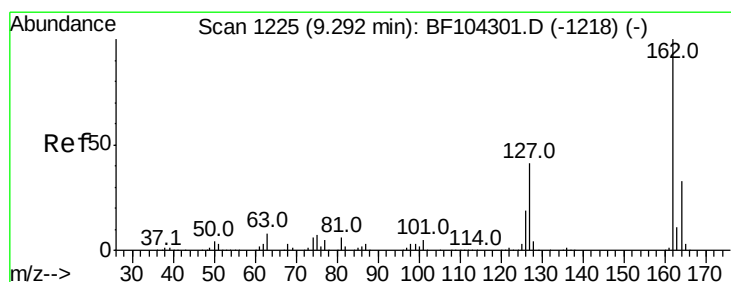
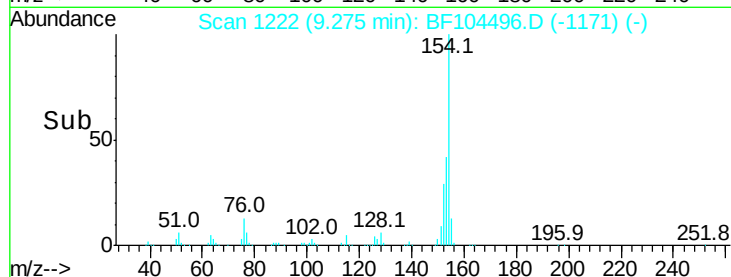
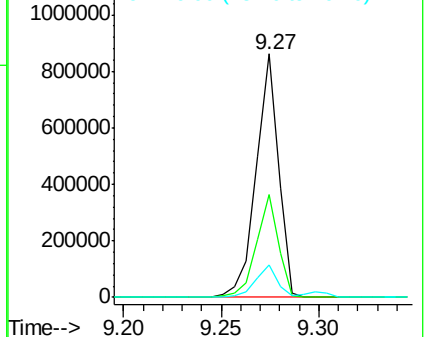
154 100

153 42.1 21.3 61.3

76 13.3 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: 35.984 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

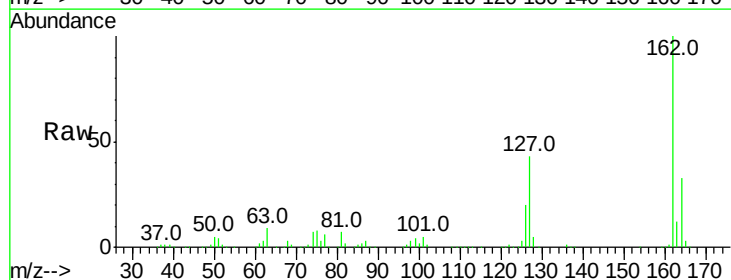
Tgt Ion:162 Resp: 549424

Ion Ratio Lower Upper

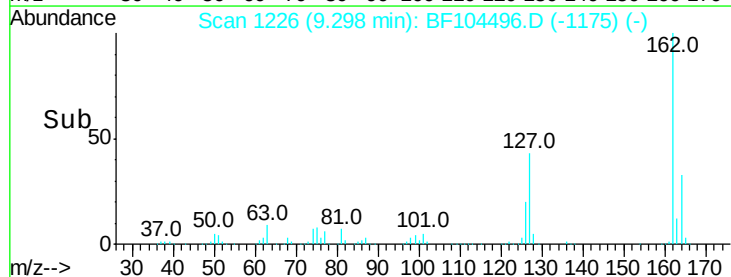
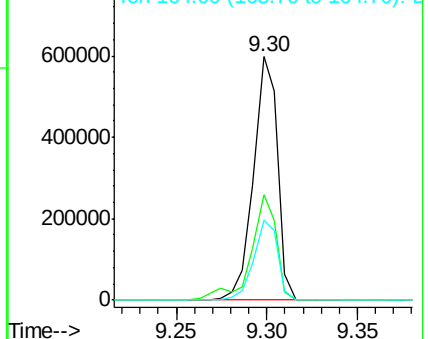
162 100

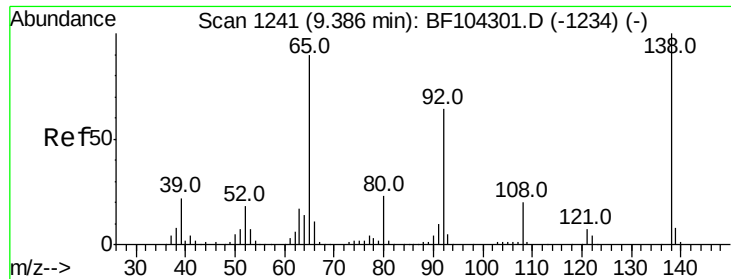
127 43.1 33.9 50.9

164 32.8 26.5 39.7



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

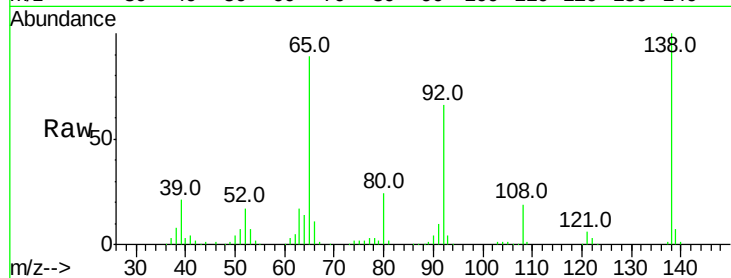




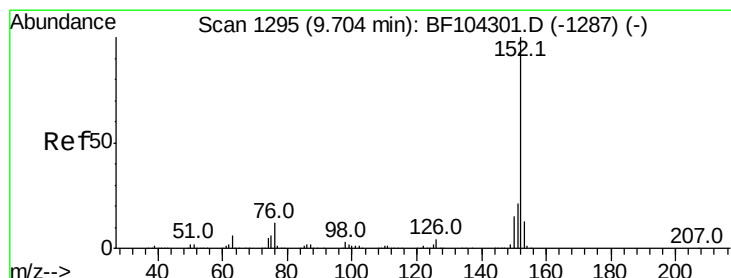
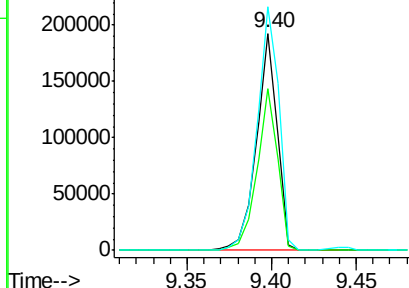
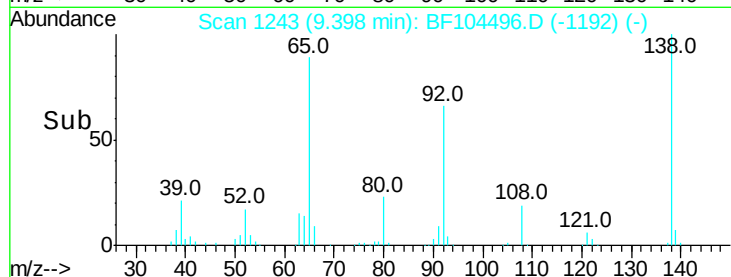
#47
 2-Nitroaniline
 Concen: 43.958 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 65 Resp: 165983
 Ion Ratio Lower Upper
 65 100
 92 74.3 55.8 83.6
 138 112.3 91.2 136.8

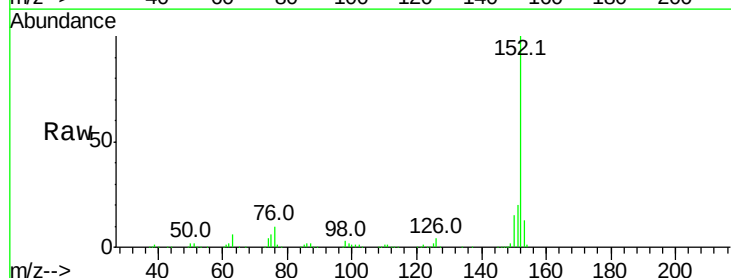


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

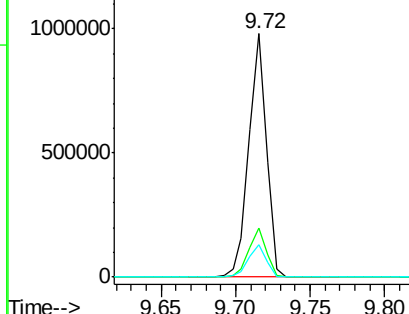
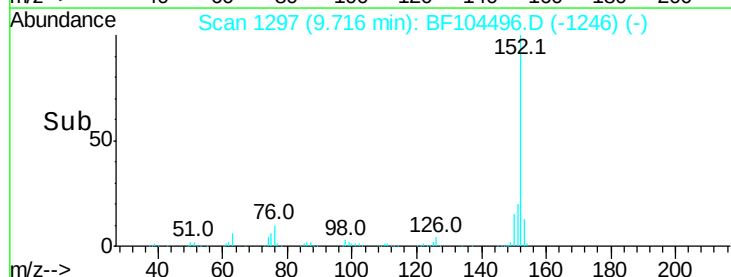


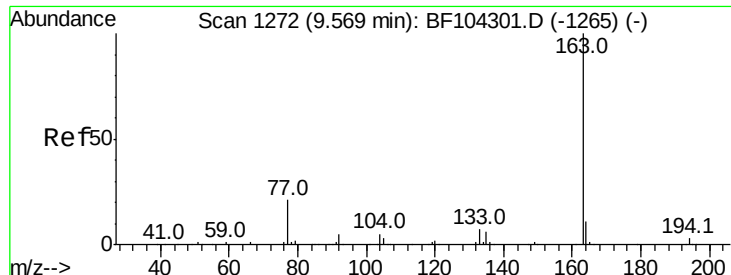
#48
 Acenaphthylene
 Concen: 33.530 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:152 Resp: 803257
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.2 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

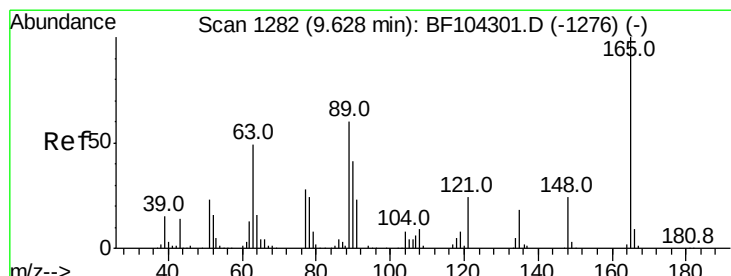
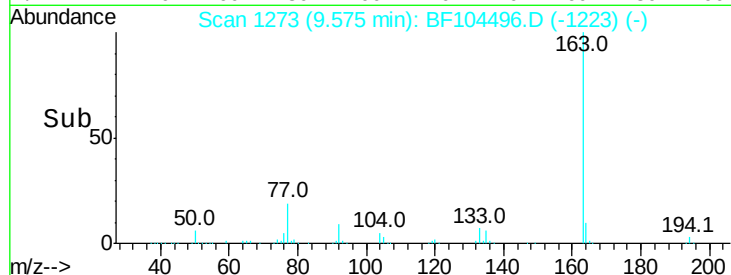
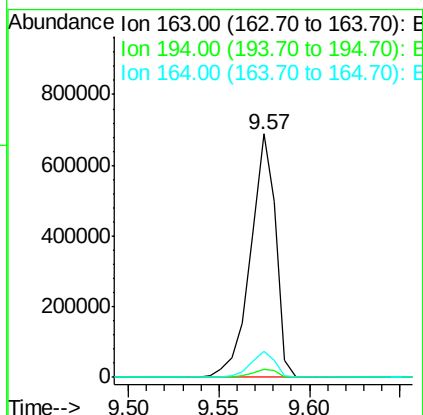
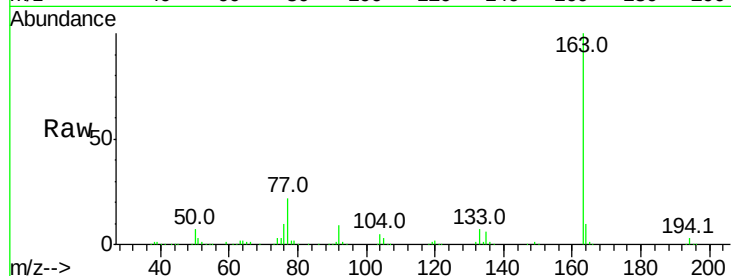




#49
Dimethylphthalate
Concen: 36.391 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

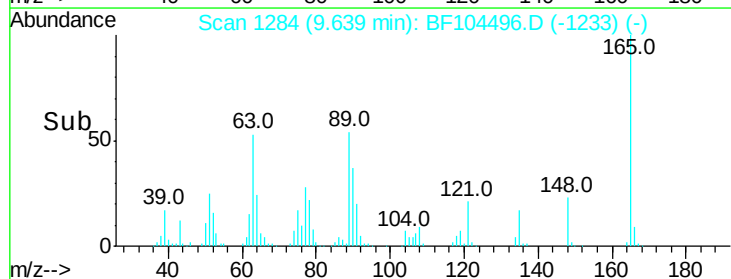
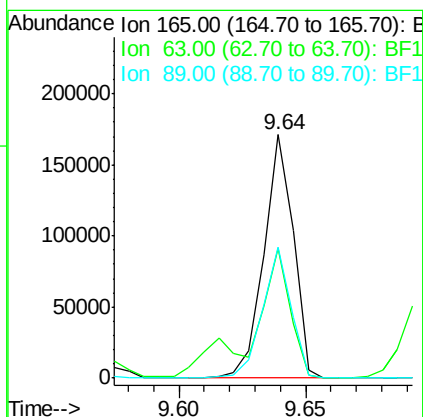
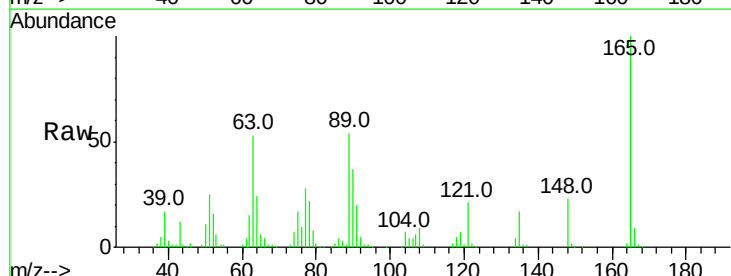
Instrument :
BNA_F
ClientSampleId :

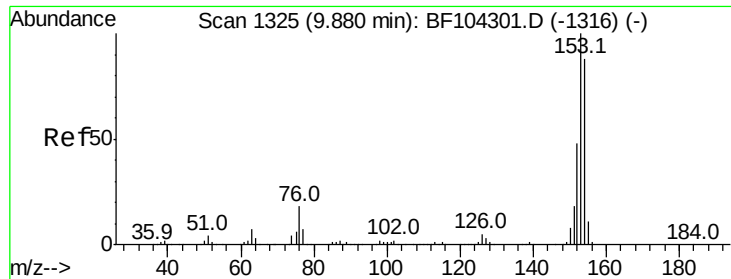
Tot Ion:163 Resp: 660342
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 41.320 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Tgt Ion:165 Resp: 138739
Ion Ratio Lower Upper
165 100
63 53.3 44.7 67.1
89 53.8 44.0 66.0





#51

Acenaphthene

Concen: 32.231 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

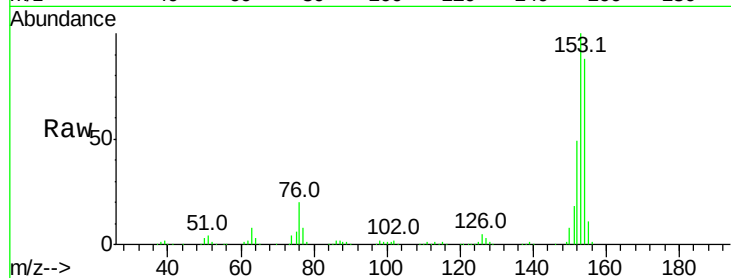
Tot Ion:154 Resp: 471095

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

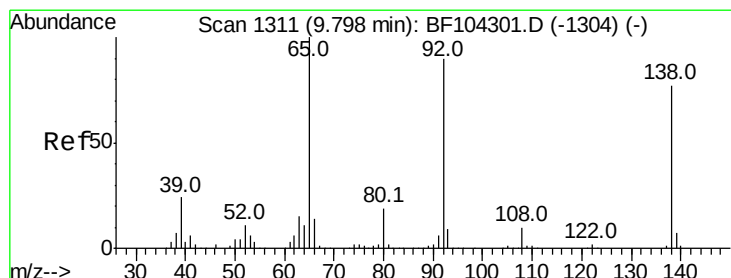
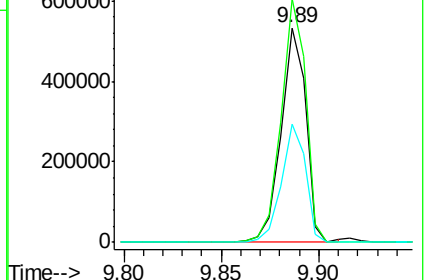
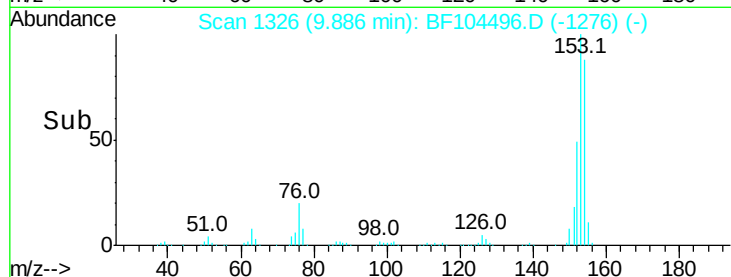
152 55.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.473 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

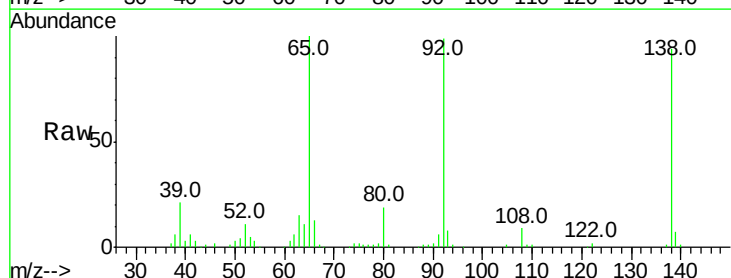
Tgt Ion:138 Resp: 80476

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

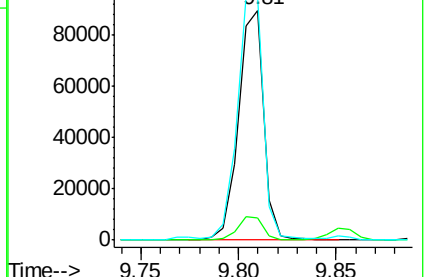
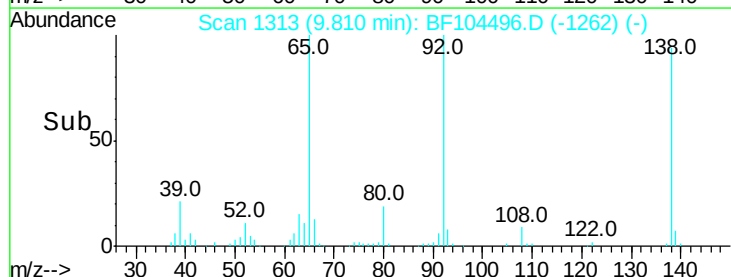
92 105.9 89.4 134.2

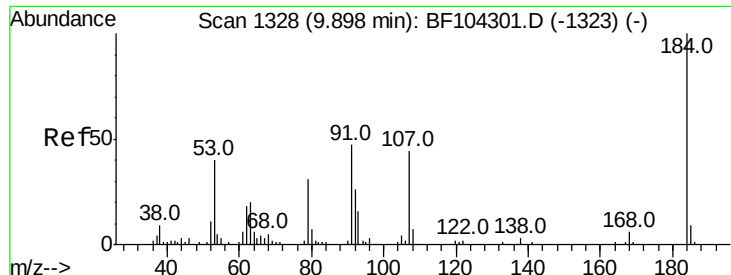


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

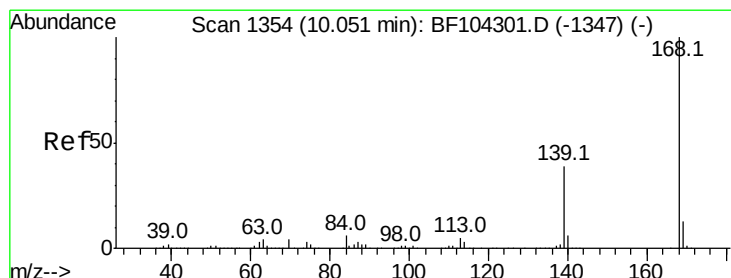
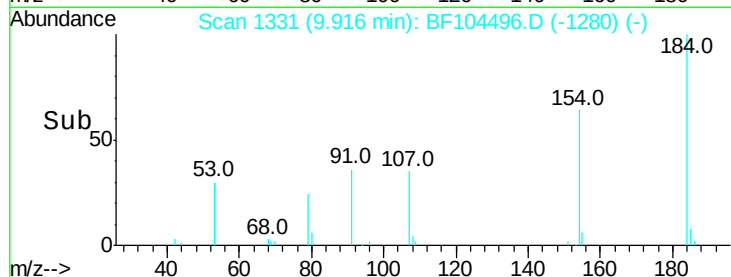
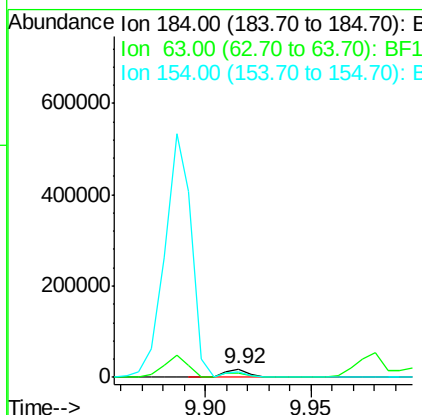
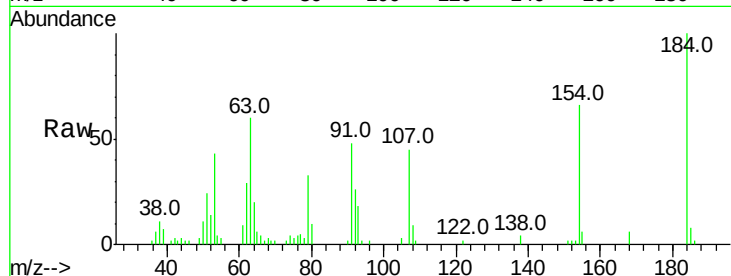




#53
 2,4-Dinitrophenol
 Concen: 20.401 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

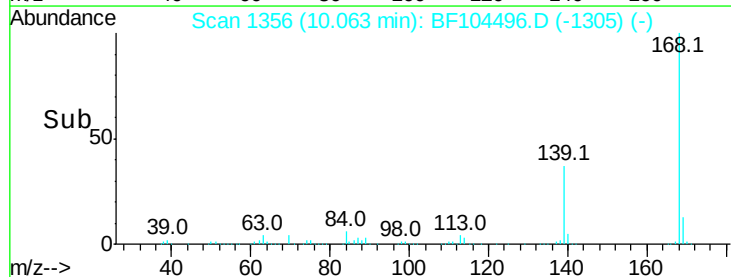
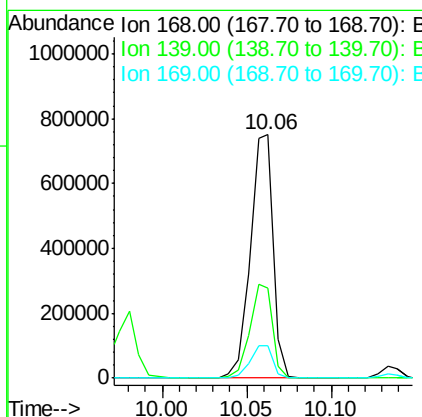
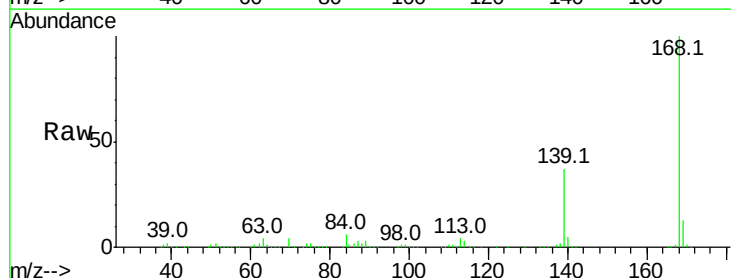
Instrument :
 BNA_F
 ClientSampleId :

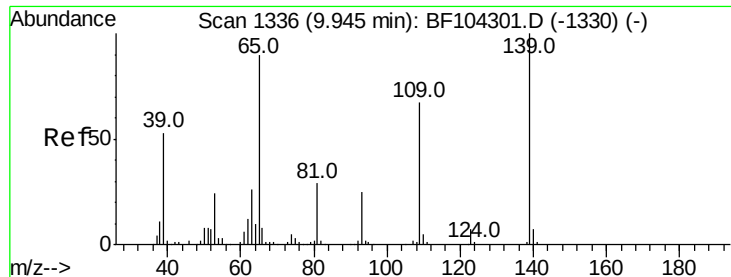
Tot Ion:184 Resp: 15674
 Ion Ratio Lower Upper
 184 100
 63 59.9 54.2 81.2
 154 66.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 34.797 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:168 Resp: 708794
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.1 45.1
 169 13.4 10.9 16.3





#55

4-Nitrophenol

Concen: 60.270 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampled :

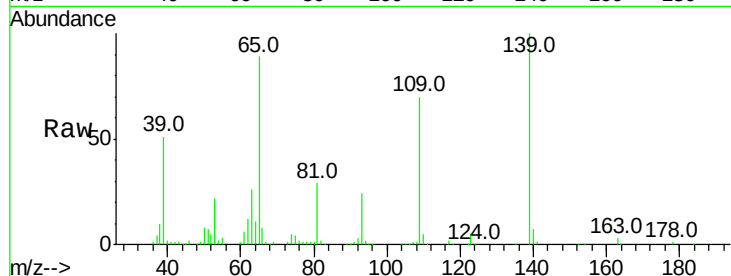
Tot Ion:139 Resp: 186101

Ion Ratio Lower Upper

139 100

109 70.0 48.4 88.4

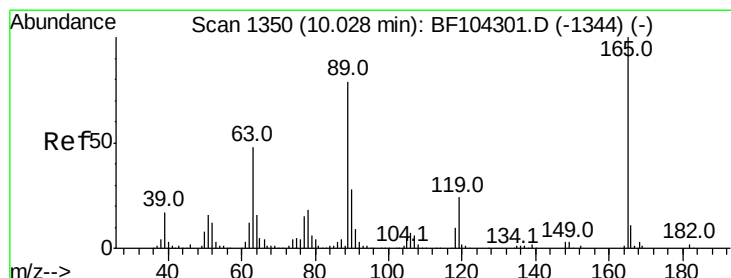
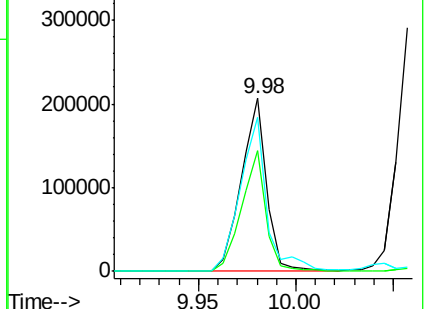
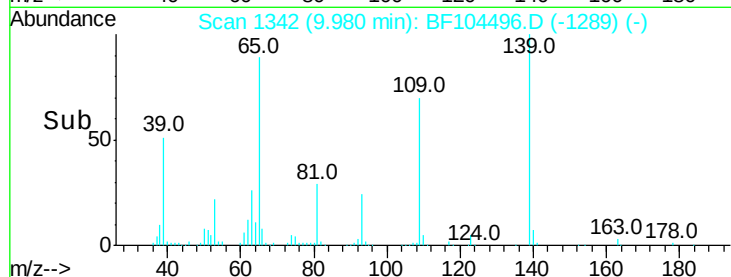
65 89.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 38.727 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Tgt Ion:165 Resp: 170566

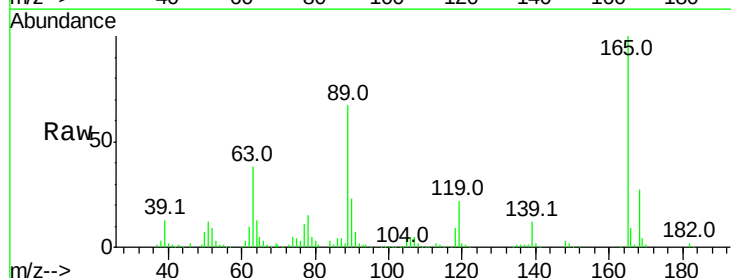
Ion Ratio Lower Upper

165 100

63 37.7 36.4 54.6

89 66.5 57.8 86.6

182 2.3 1.6 2.4

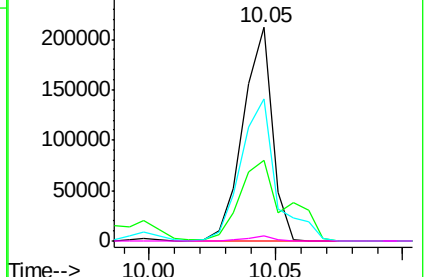
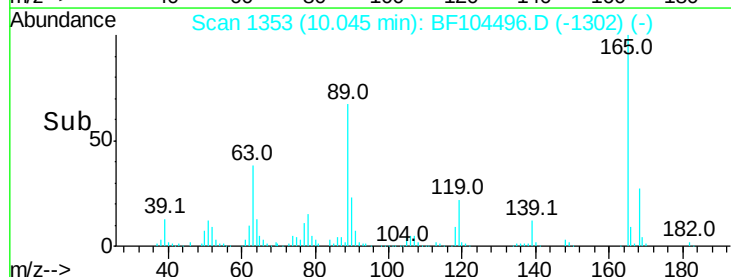


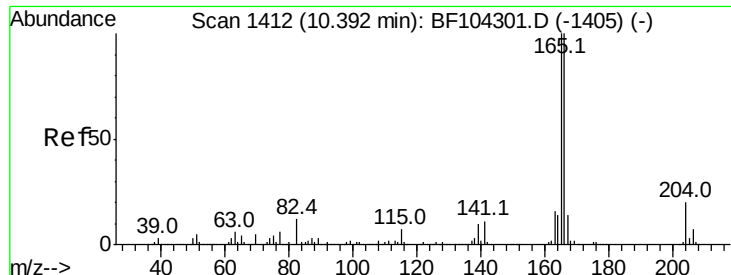
Abundance Ion 165.00 (164.70 to 165.70): E

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

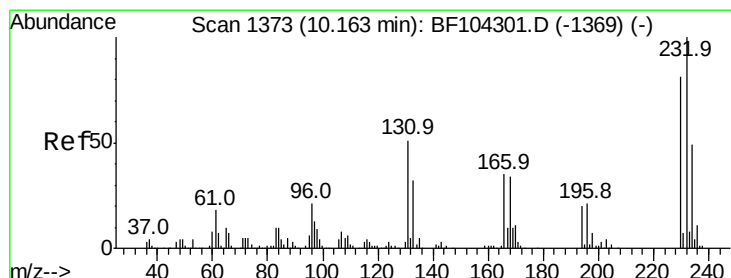
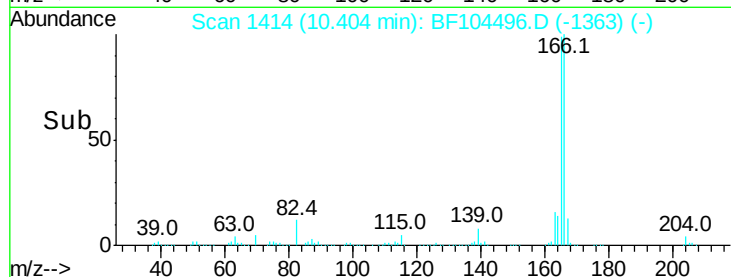
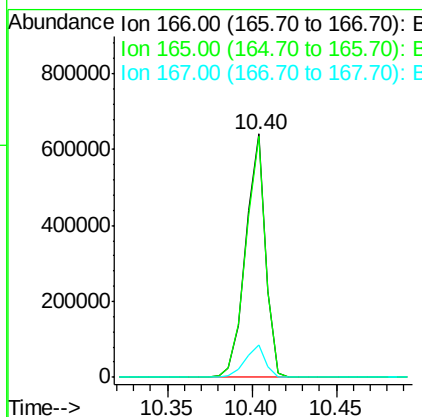
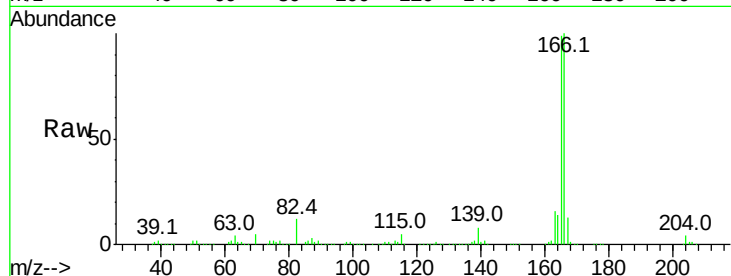




#57
 Fluorene
 Concen: 35.385 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

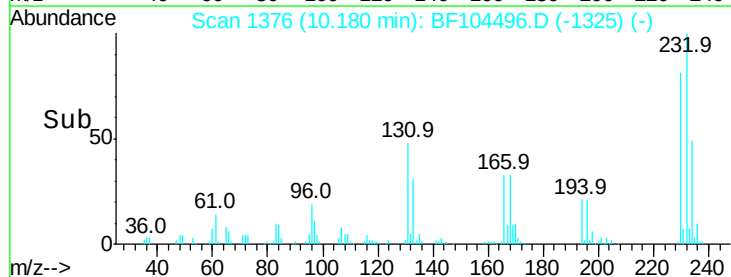
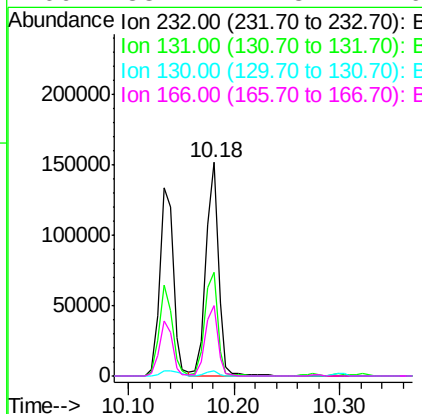
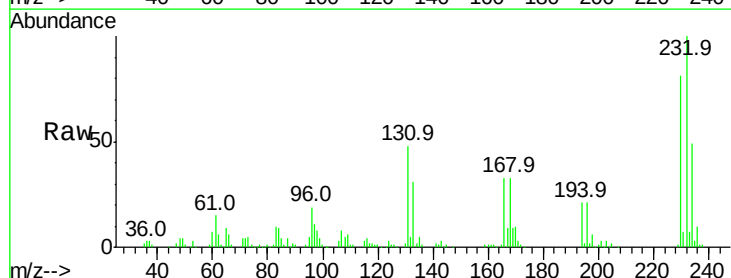
Instrument :
 BNA_F
 ClientSampleId :

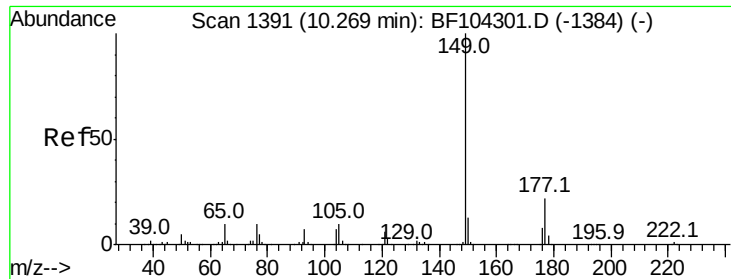
Tot Ion:166 Resp: 524630
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.976 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:232 Resp: 125883
 Ion Ratio Lower Upper
 232 100
 131 50.1 43.8 65.8
 130 2.4 2.1 3.1
 166 33.2 27.8 41.6

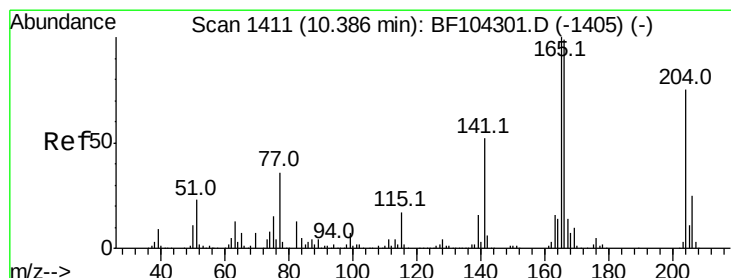
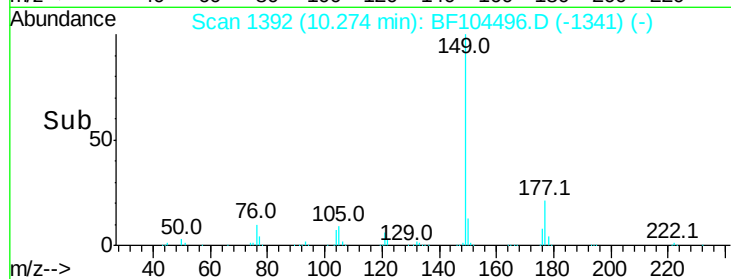
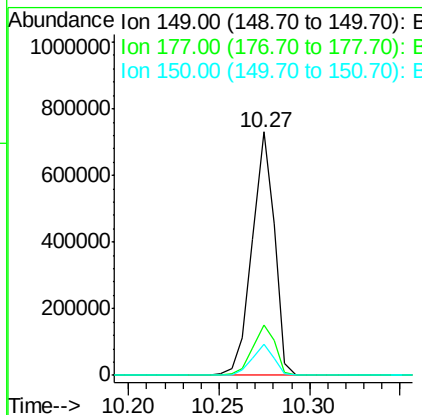
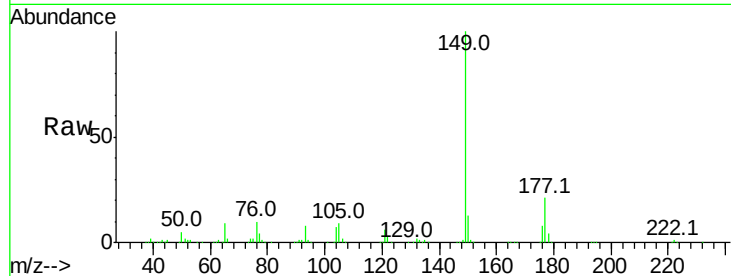




#59
 Diethylphthalate
 Concen: 34.687 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

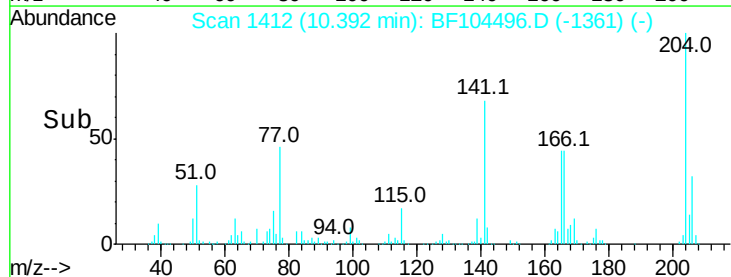
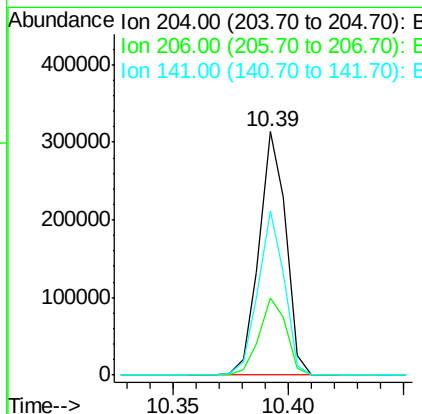
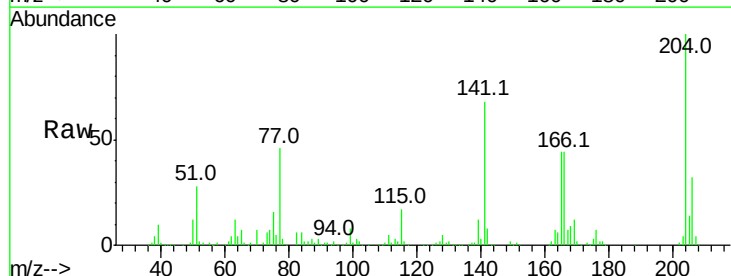
Instrument :
 BNA_F
 ClientSampled :

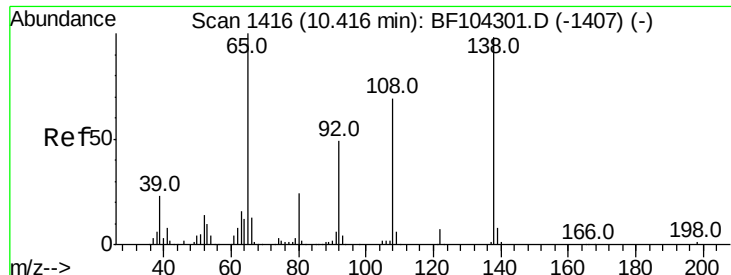
Tot Ion:	149	Resp:	626854
Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.7	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 38.672 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:	204	Resp:	255347
Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	67.6	54.6	81.8

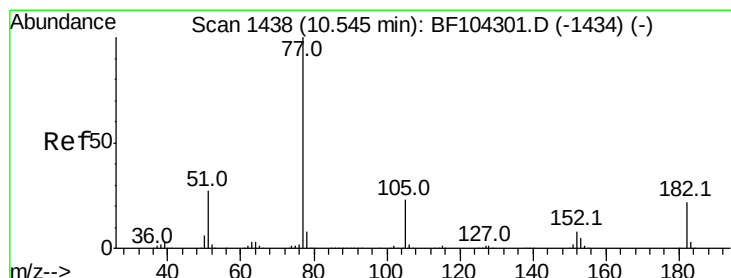
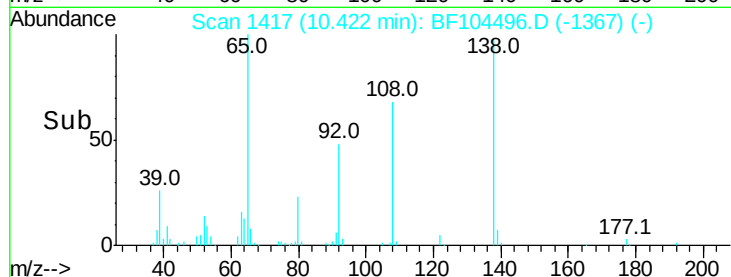
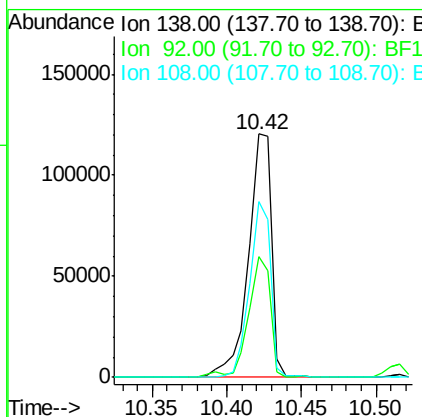
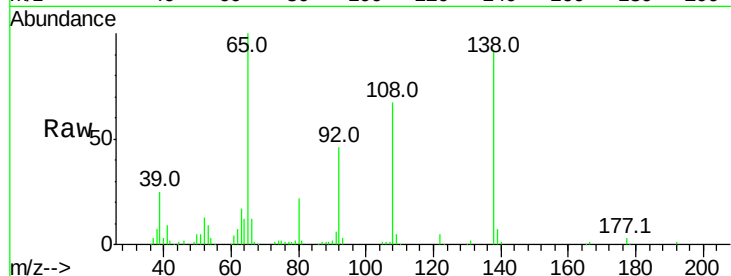




#61
4-Nitroaniline
Concen: 33.397 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

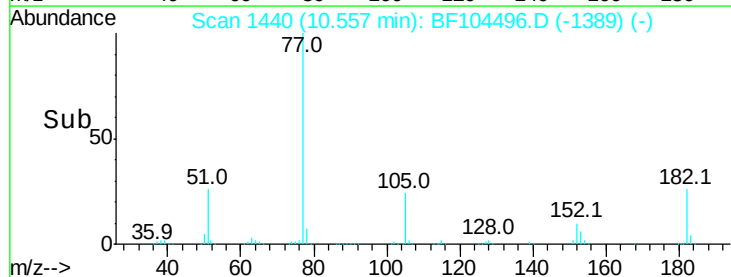
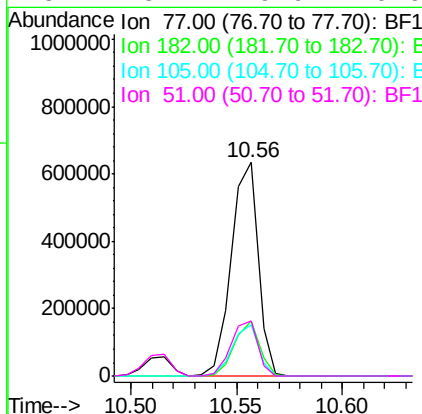
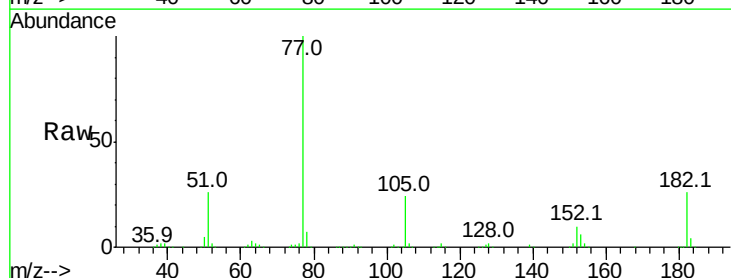
Instrument :
BNA_F
ClientSampleId :

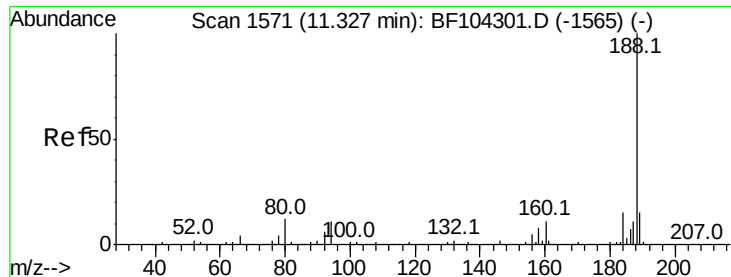
Tot Ion:138 Resp: 128360
Ion Ratio Lower Upper
138 100
92 49.5 30.2 70.2
108 72.0 52.5 92.5



#62
Azobenzene
Concen: 32.253 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Tgt Ion: 77 Resp: 556867
Ion Ratio Lower Upper
77 100
182 26.0 1.7 41.7
105 23.9 3.0 43.0
51 25.7 9.9 49.9

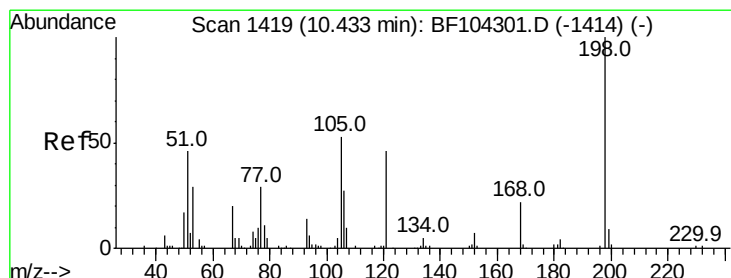
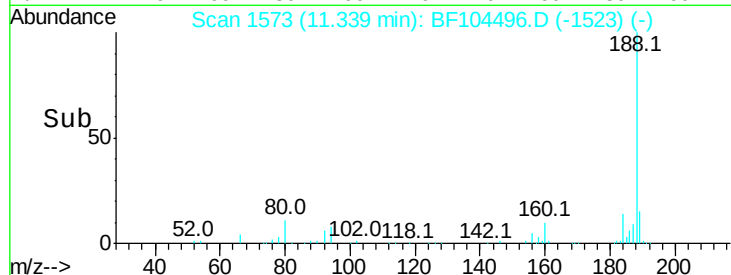
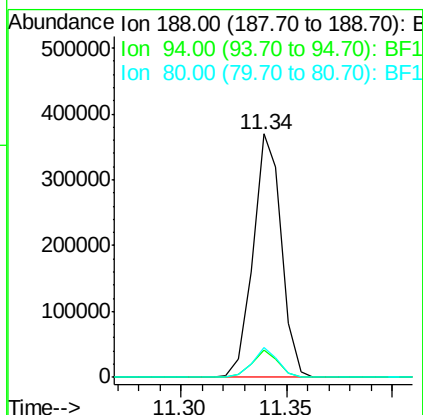
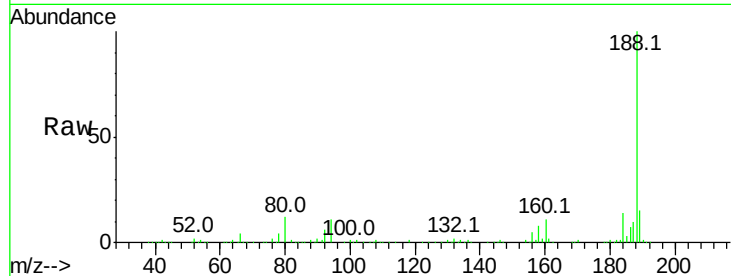




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

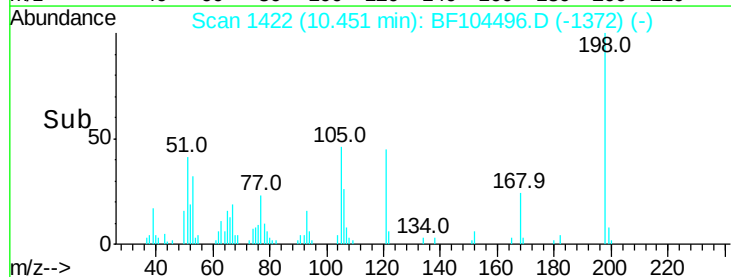
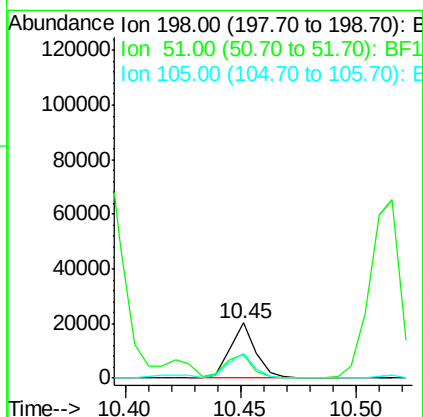
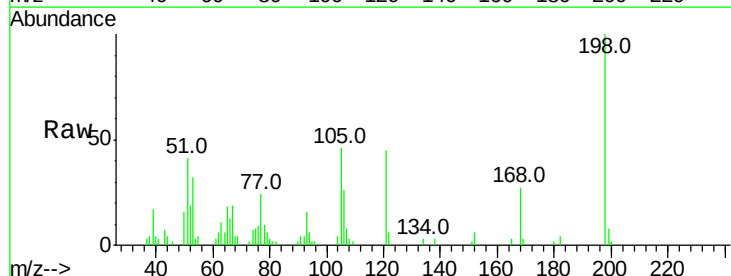
Instrument :
 BNA_F
 ClientSampled :

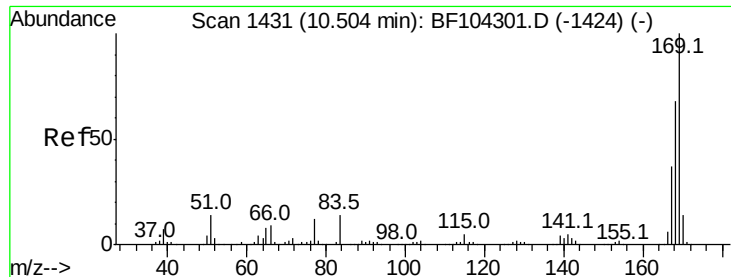
Tot Ion:188 Resp: 342004
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 15.188 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:198 Resp: 15420
 Ion Ratio Lower Upper
 198 100
 51 41.5 37.7 77.7
 105 45.8 36.3 76.3

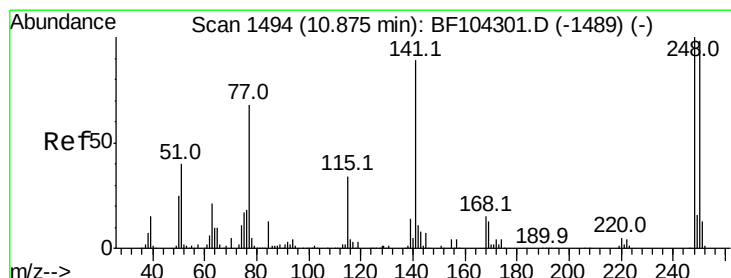
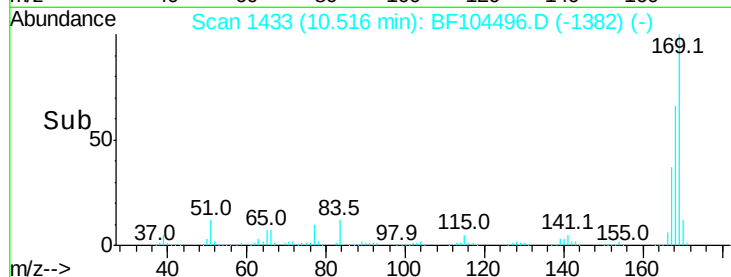
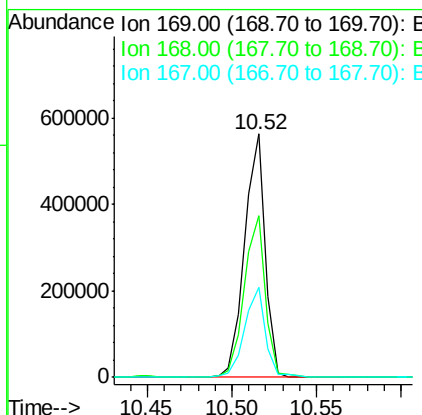
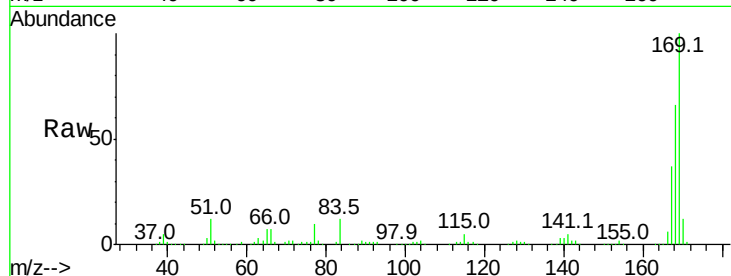




#65
 n-Nitrosodiphenylamine
 Concen: 40.601 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

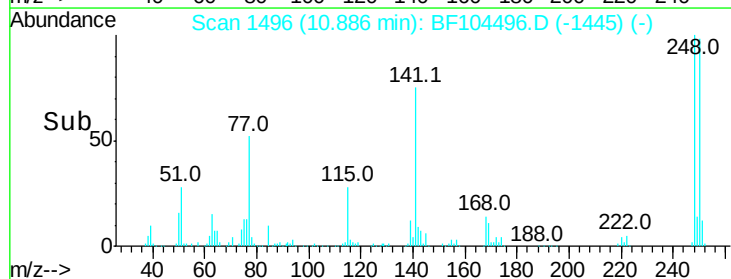
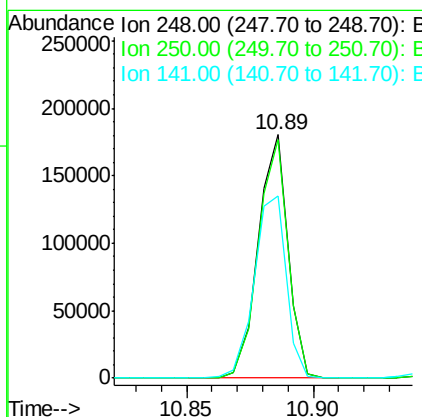
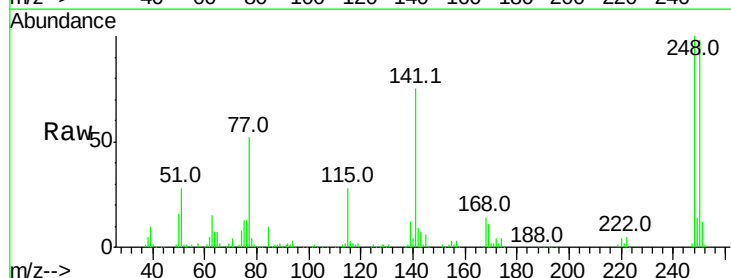
Instrument :
 BNA_F
 ClientSampleId :

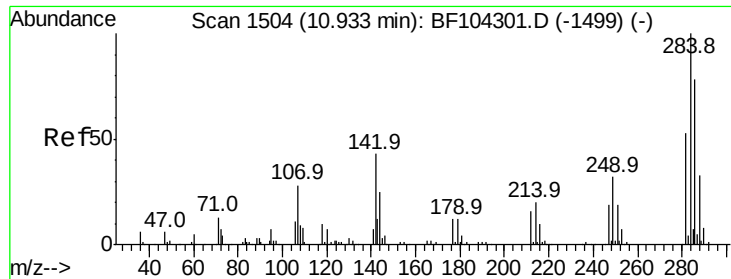
Tot Ion:169 Resp: 481448
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 36.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.769 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:248 Resp: 148310
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 75.1 74.4 111.6





#67

Hexachlorobenzene

Concen: 38.174 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampled :

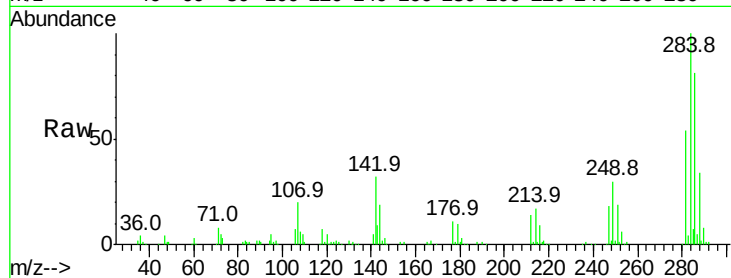
Tot Ion:284 Resp: 156260

Ion Ratio Lower Upper

284 100

142 32.3 34.6 52.0#

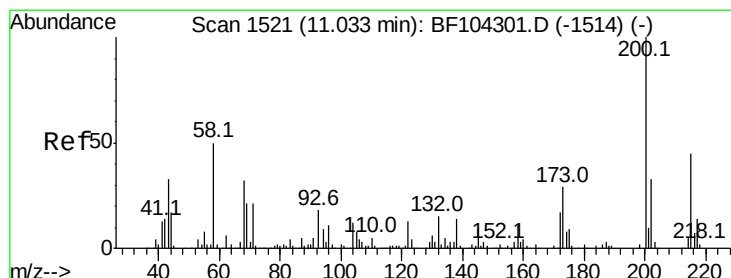
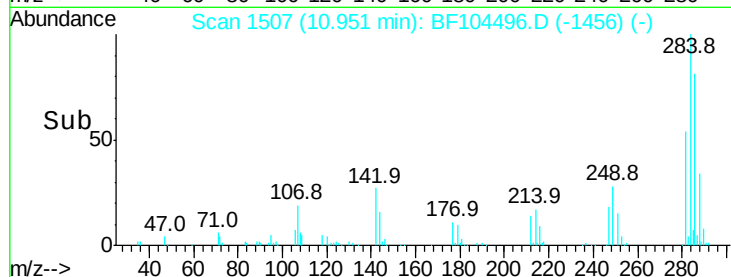
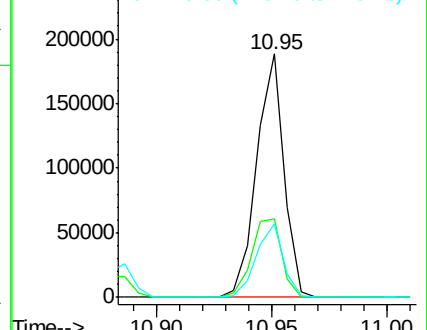
249 30.1 24.8 37.2



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: 41.016 ng

RT: 11.04 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

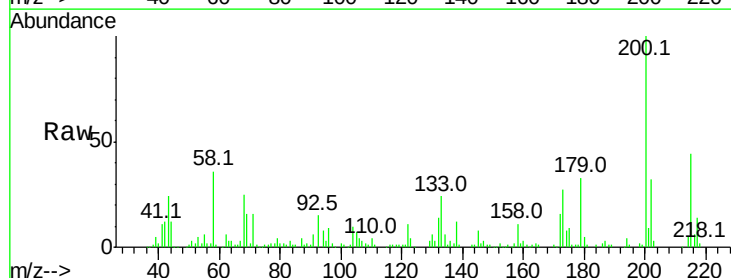
Tgt Ion:200 Resp: 146811

Ion Ratio Lower Upper

200 100

173 27.1 8.6 48.6

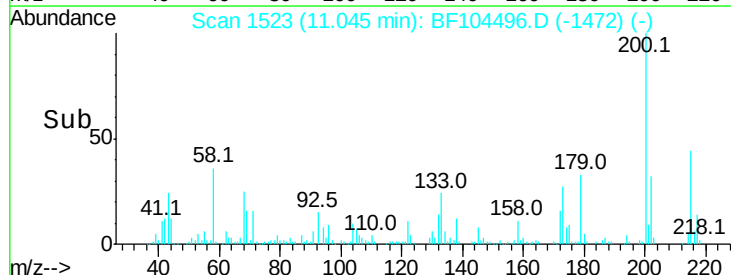
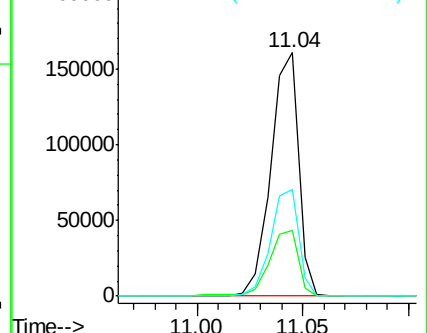
215 43.9 25.1 65.1

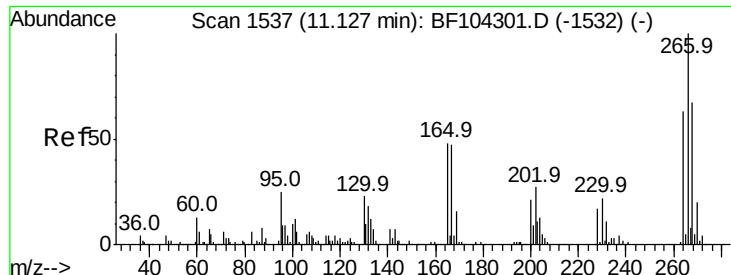


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

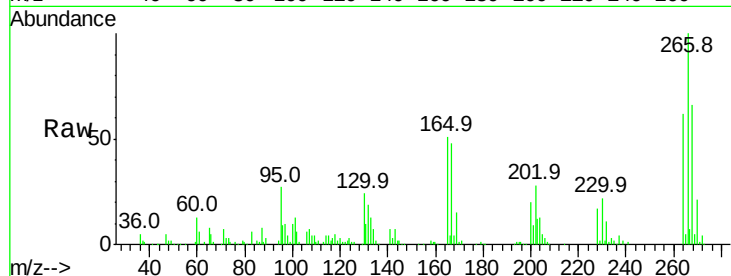




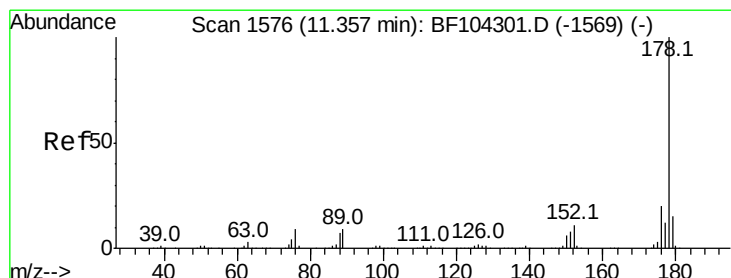
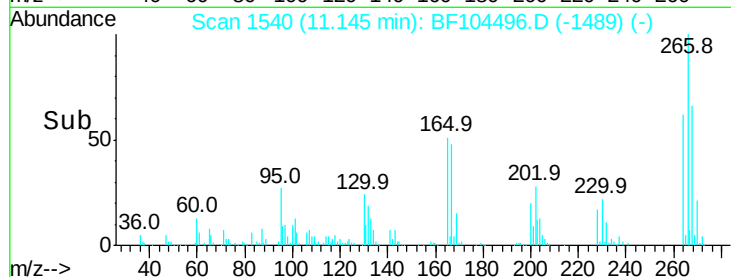
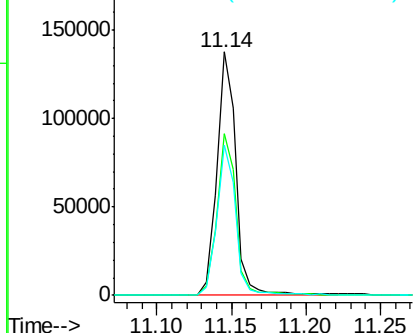
#69
 Pentachlorophenol
 Concen: 48.501 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 122822
 Ion Ratio Lower Upper
 266 100
 268 66.4 51.1 76.7
 264 61.6 49.5 74.3

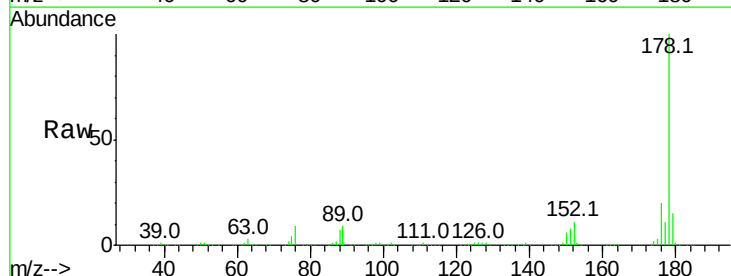


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

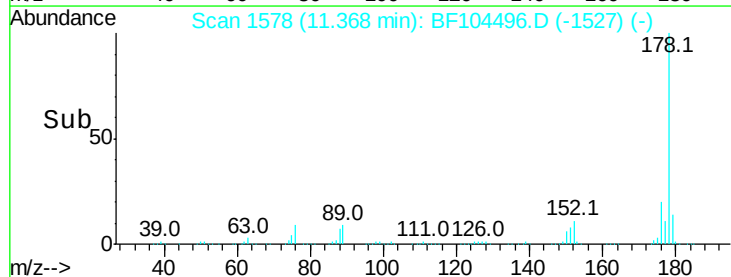
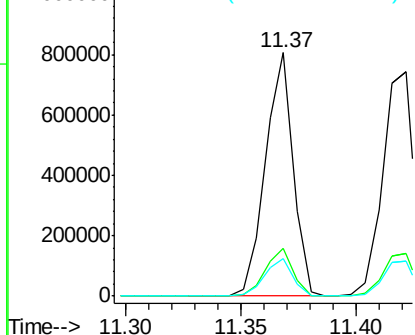


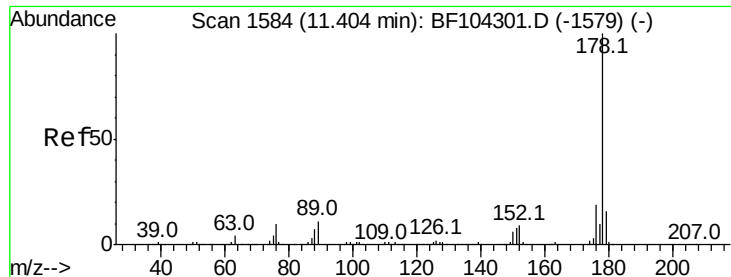
#70
 Phenanthrene
 Concen: 35.412 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:178 Resp: 674456
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.2 13.0 19.6



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

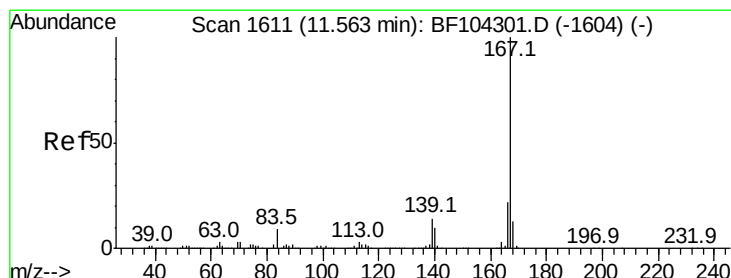
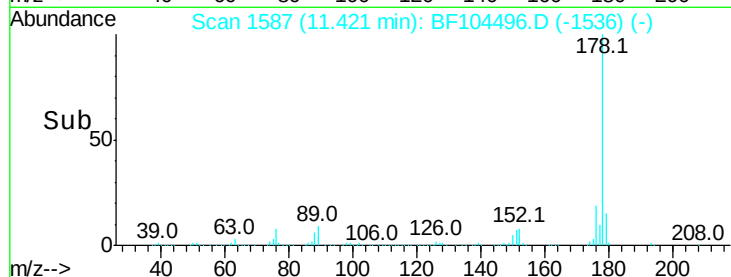
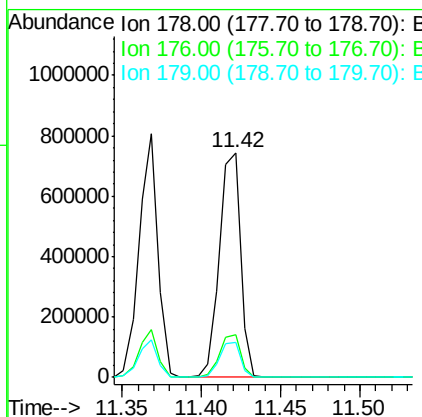
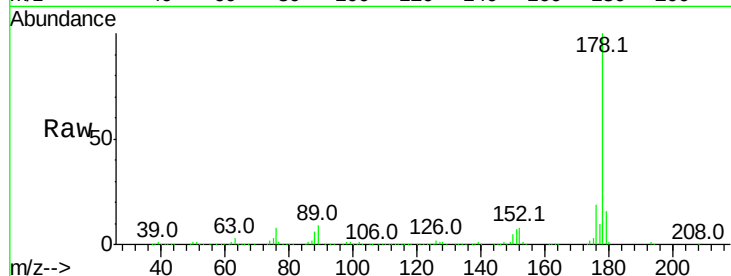




#71
 Anthracene
 Concen: 35.695 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

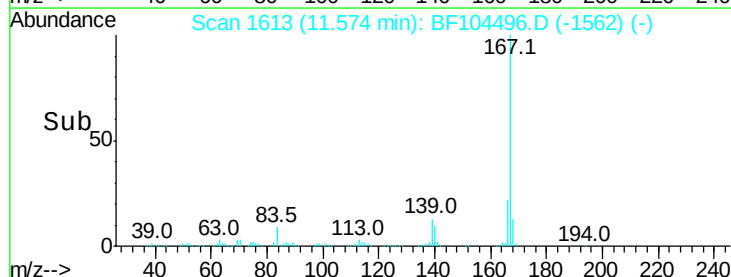
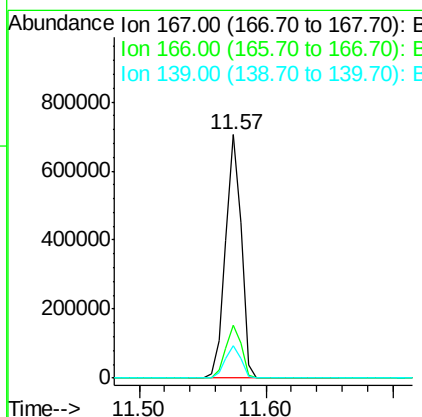
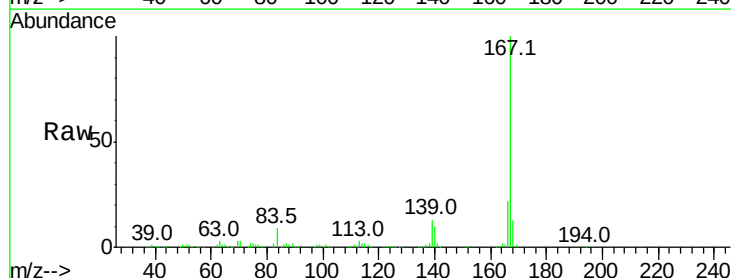
Instrument :
 BNA_F
 ClientSampled :

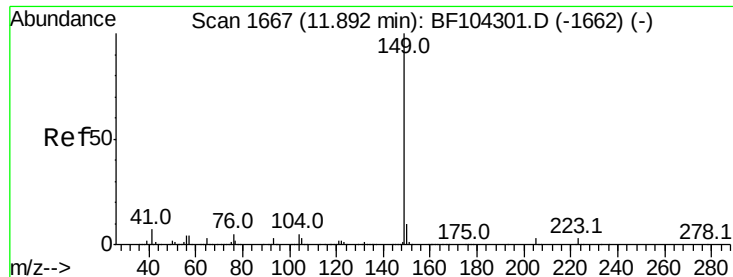
Tot Ion:178 Resp: 691082
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 32.123 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:167 Resp: 607730
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.736 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

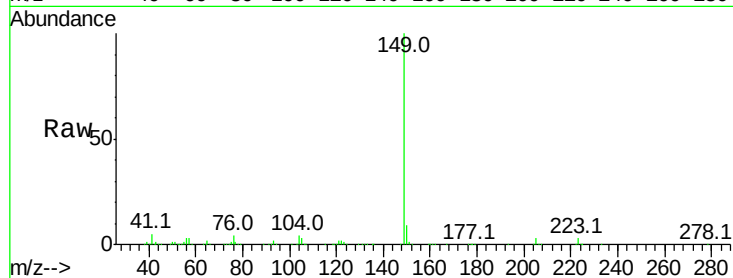
Tot Ion:149 Resp: 848970

Ion Ratio Lower Upper

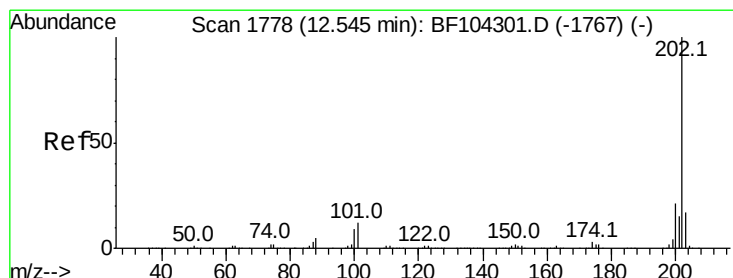
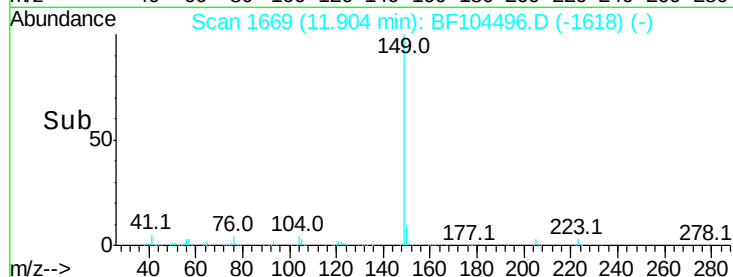
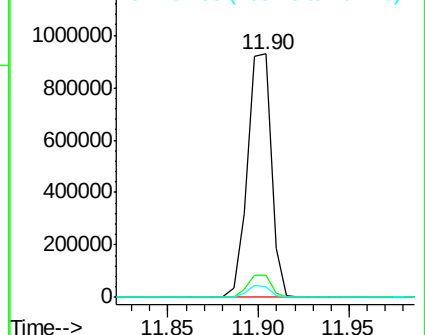
149 100

150 8.9 7.8 11.6

104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.989 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

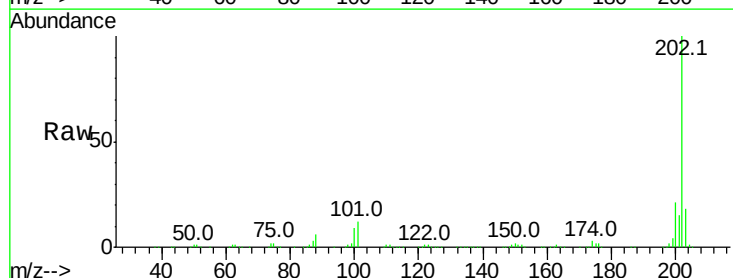
Tgt Ion:202 Resp: 616660

Ion Ratio Lower Upper

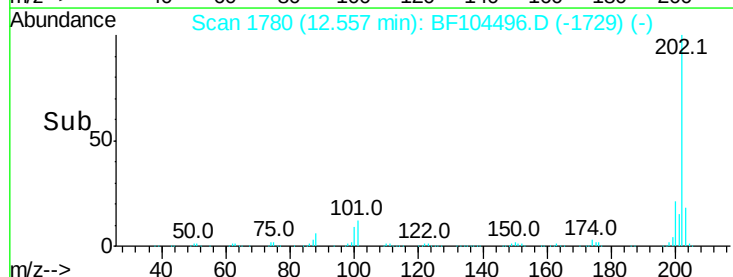
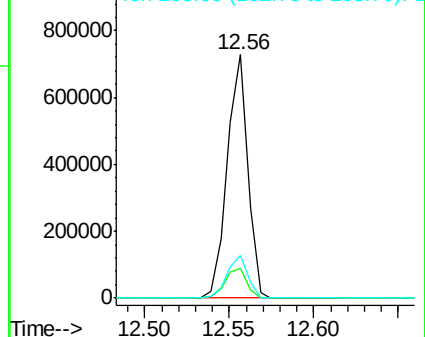
202 100

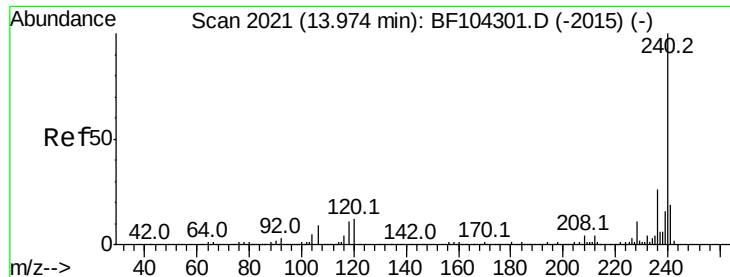
101 12.4 0.0 34.1

203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

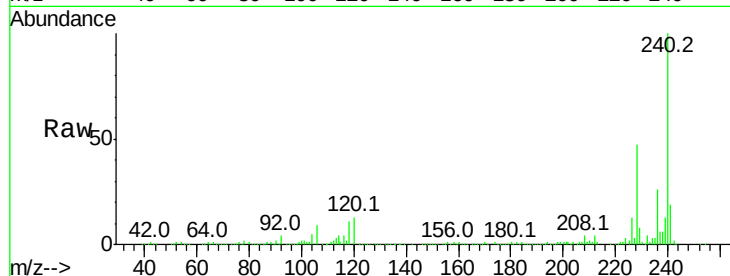




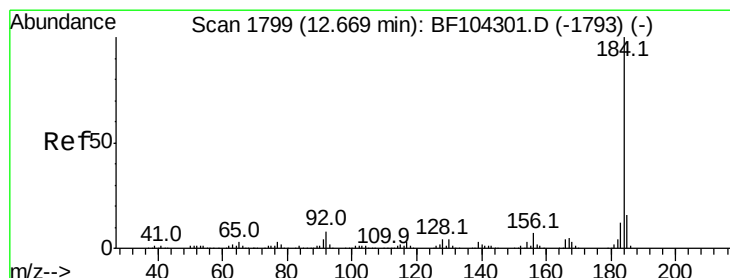
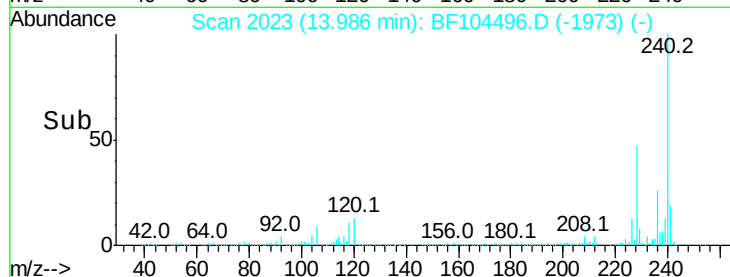
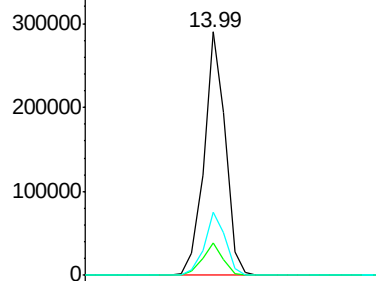
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 235601
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.8 20.7 31.1

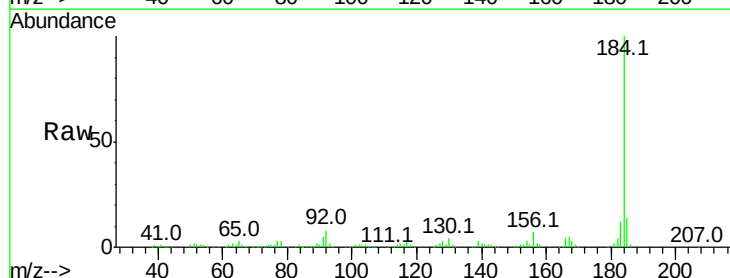


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

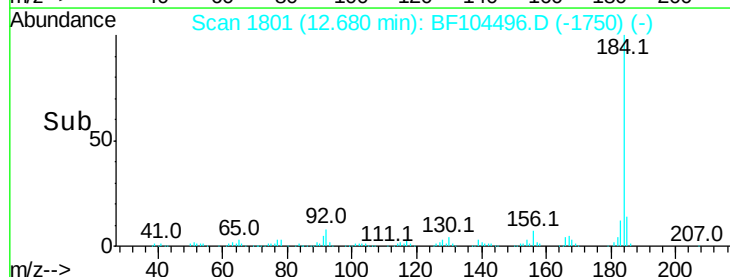
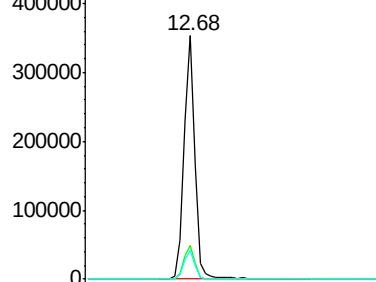


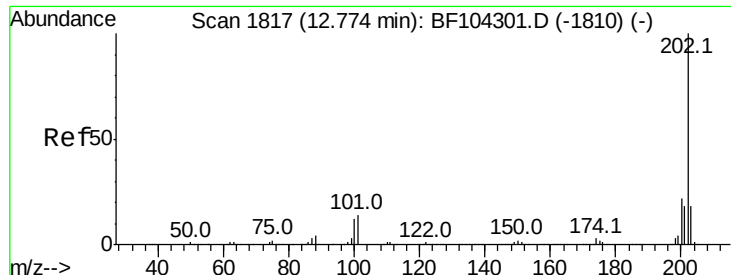
#76
 Benzidine
 Concen: 37.691 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:184 Resp: 306025
 Ion Ratio Lower Upper
 184 100
 185 14.1 12.6 18.8
 183 11.6 9.3 13.9



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

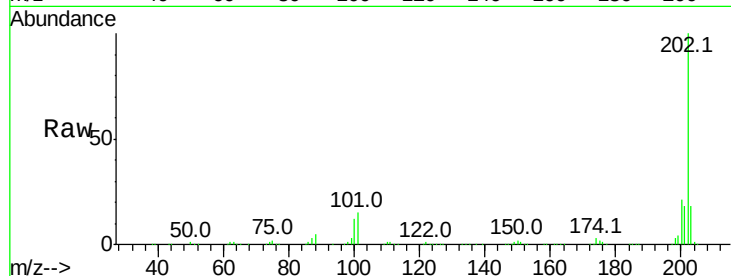




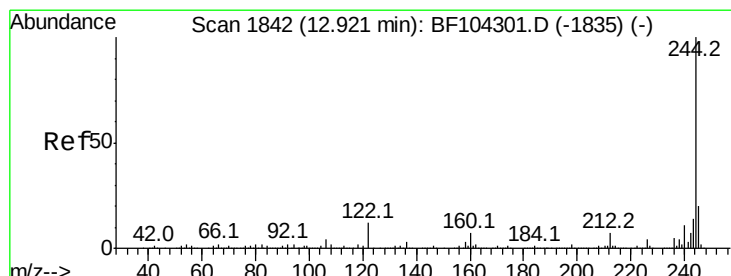
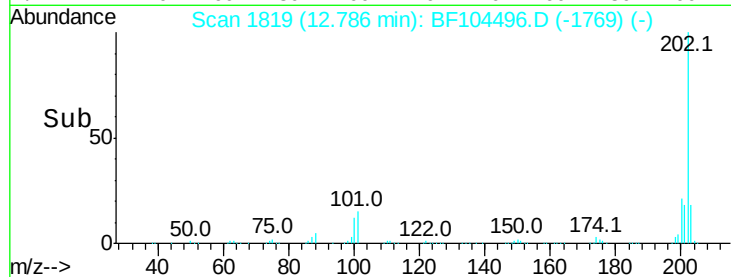
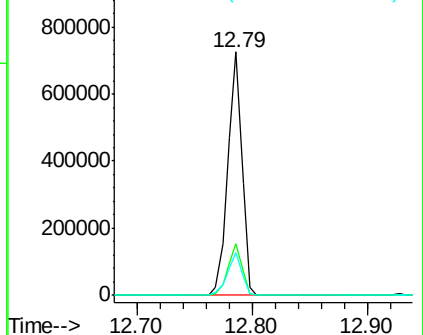
#77
Pvrene
Concen: 35.262 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.7	14.3	21.5

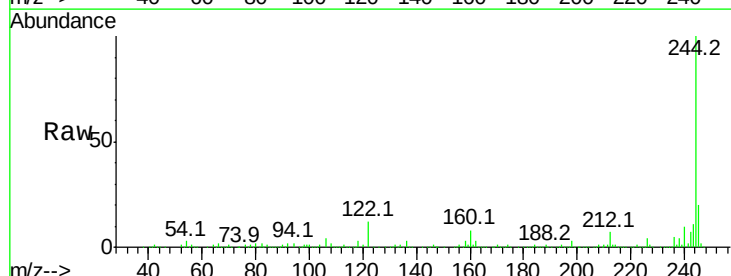


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

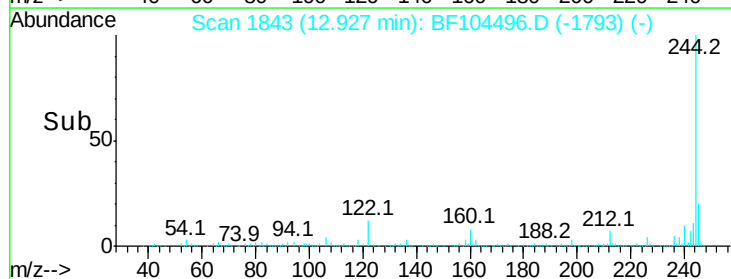
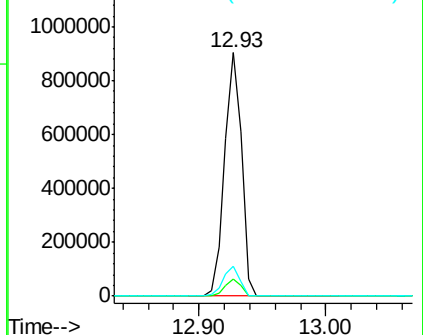


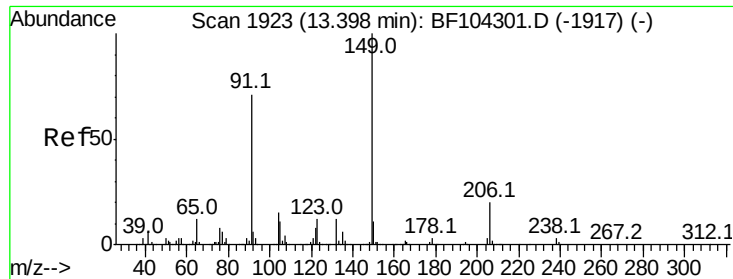
#78
Terphenyl-d14
Concen: 81.149 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4



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

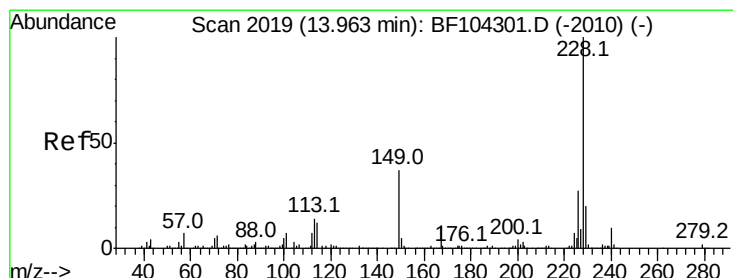
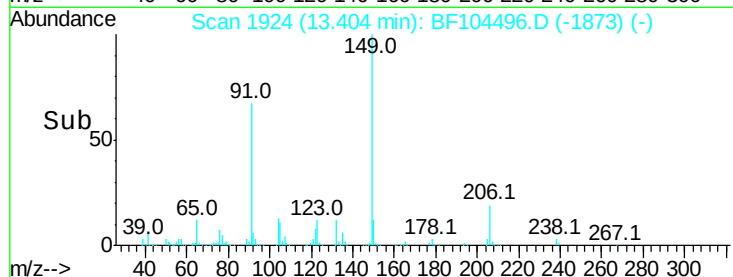
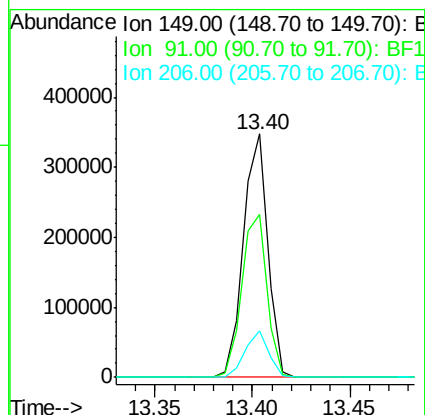
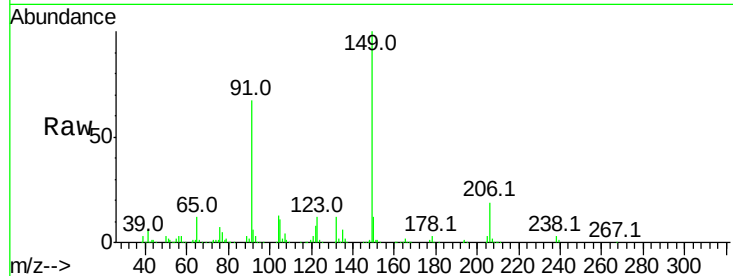




#79
 Butylbenzylphthalate
 Concen: 36.557 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

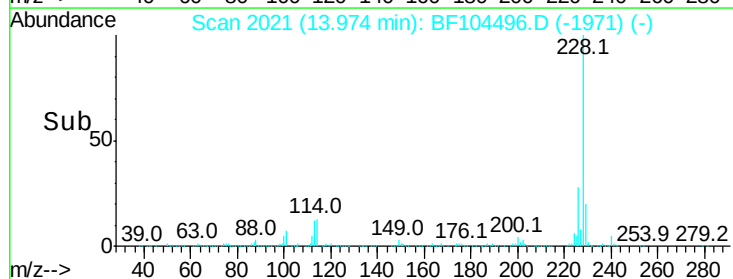
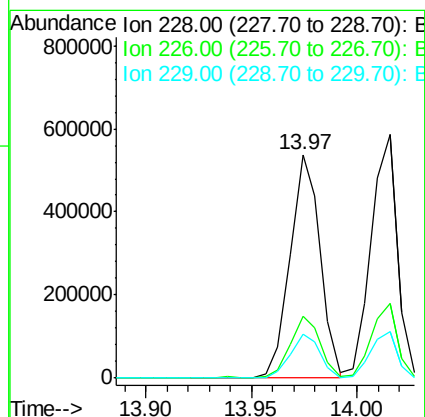
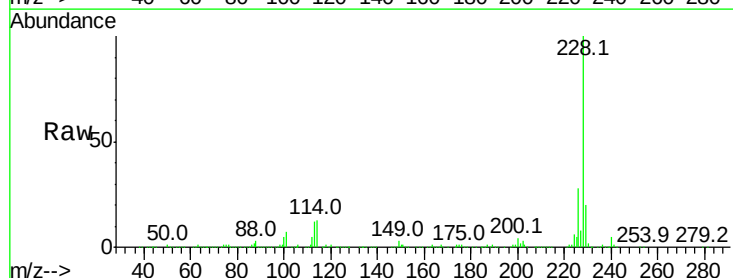
Instrument :
 BNA_F
 ClientSampleId :

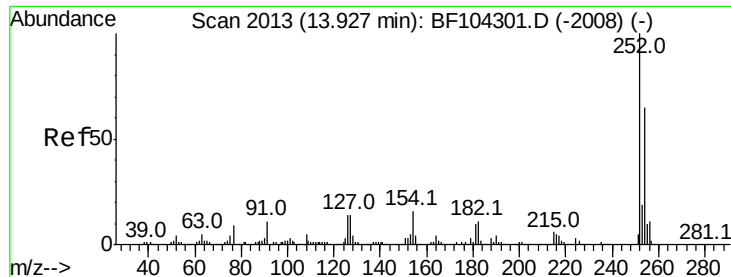
Tot Ion:149 Resp: 300768
 Ion Ratio Lower Upper
 149 100
 91 67.2 56.8 85.2
 206 19.0 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 37.861 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion:228 Resp: 532899
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.6 33.8
 229 19.8 15.8 23.6

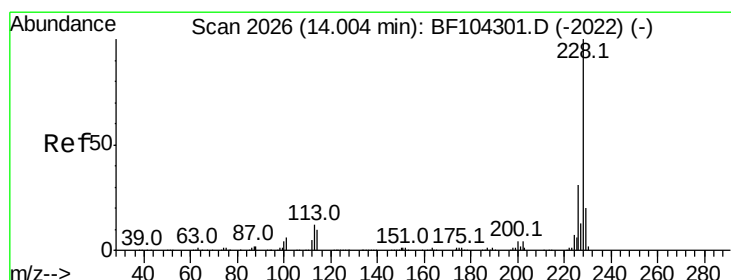
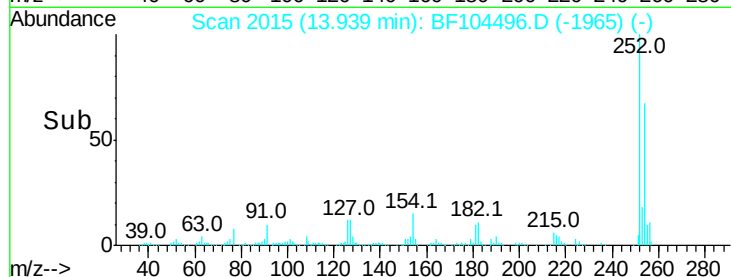
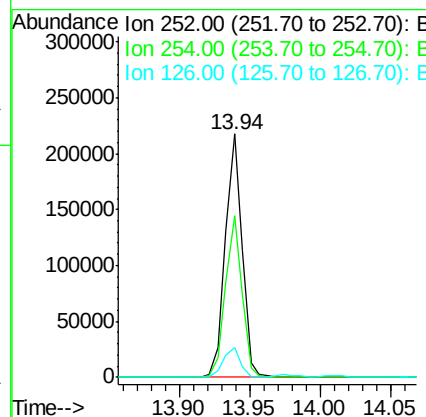
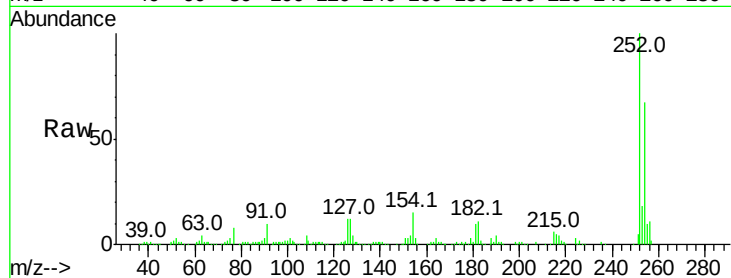




#81
 3,3'-Dichlorobenzidine
 Concen: 34.451 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

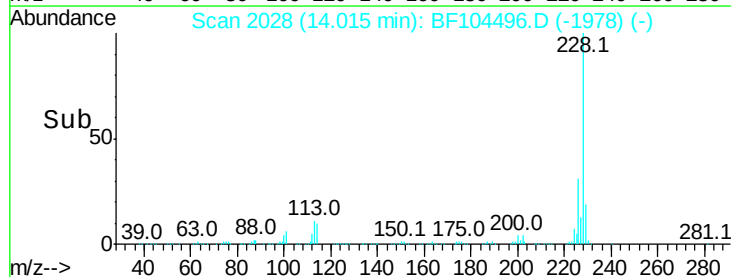
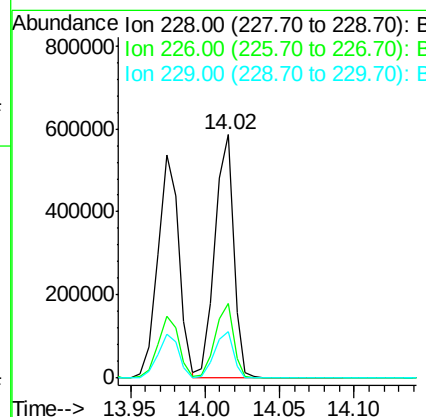
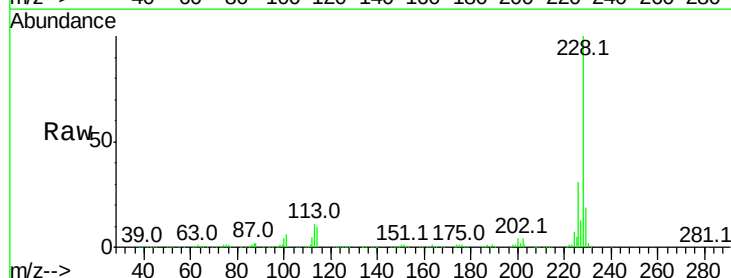
Instrument :
 BNA_F
 ClientSampled :

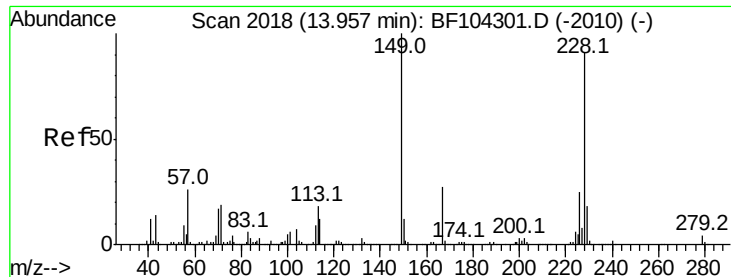
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	12.1	11.3	16.9



#82
 Chrysene
 Concen: 35.422 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF104496.D
 Acq: 13 Apr 2018 23:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	18.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.955 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

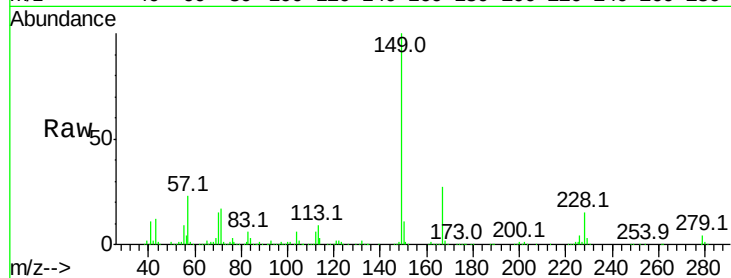
Tot Ion:149 Resp: 412237

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

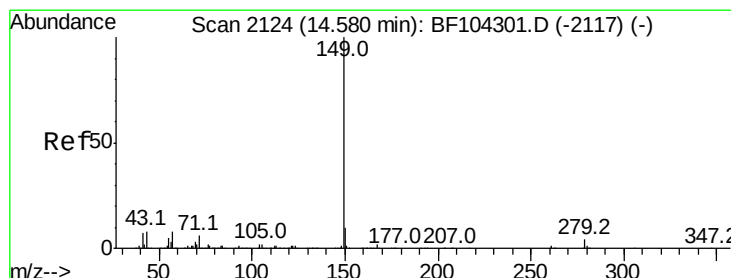
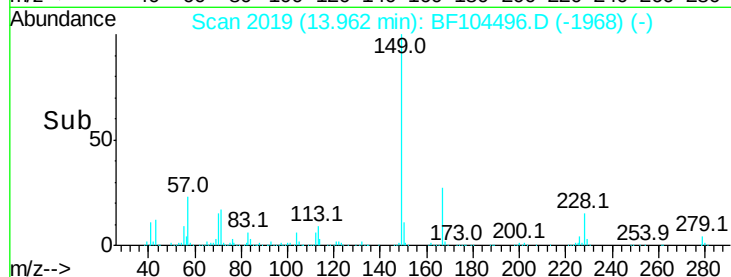
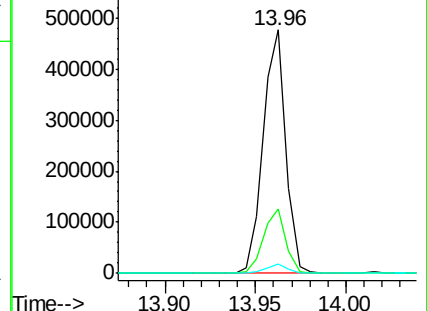
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.263 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

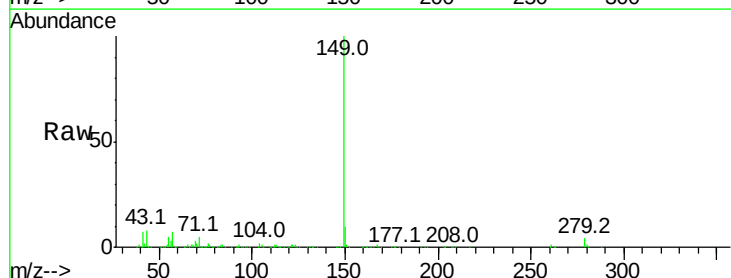
Tgt Ion:149 Resp: 694256

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

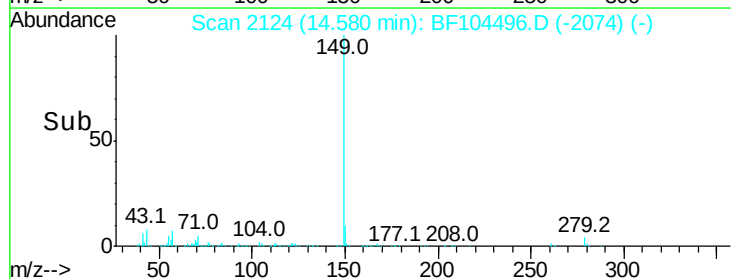
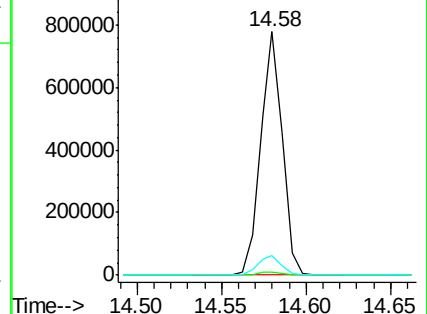
43 8.3 8.4 12.6#

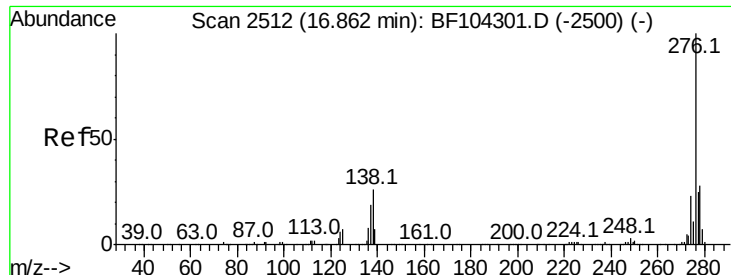


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

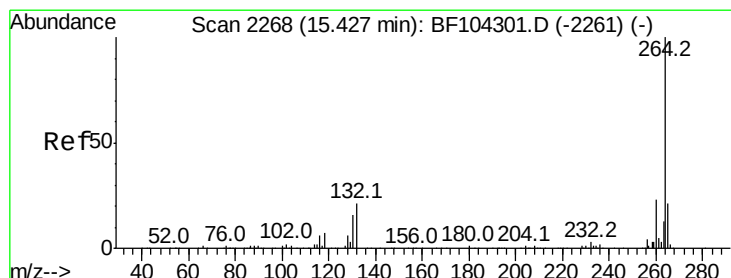
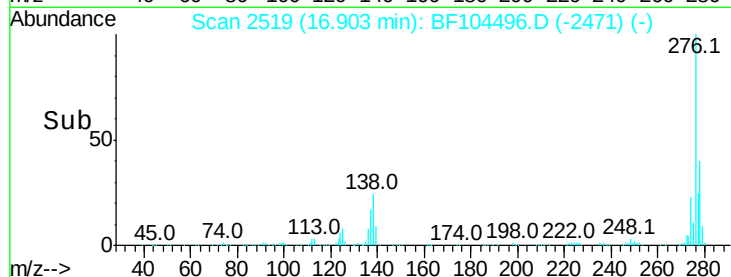
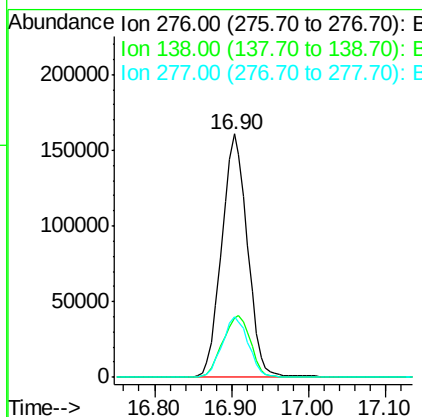
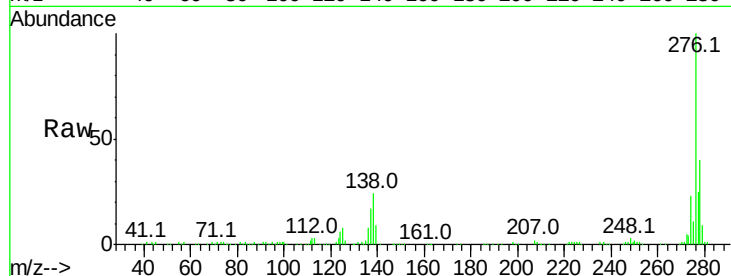




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.489 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

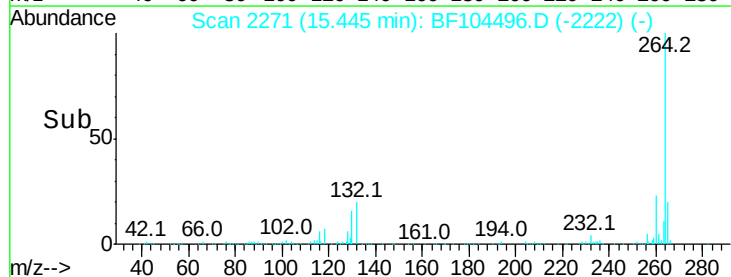
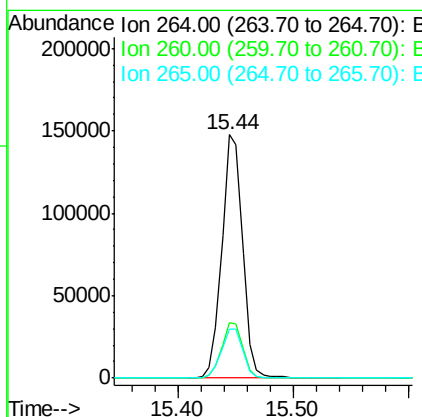
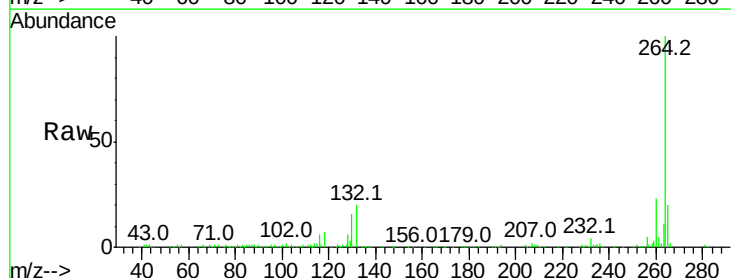
Instrument :
BNA_F
ClientSampleId :

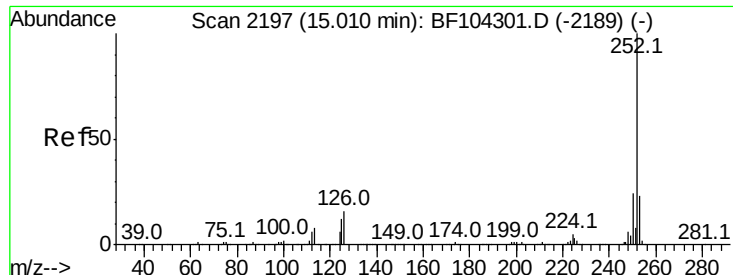
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	19.9	17.5	26.3

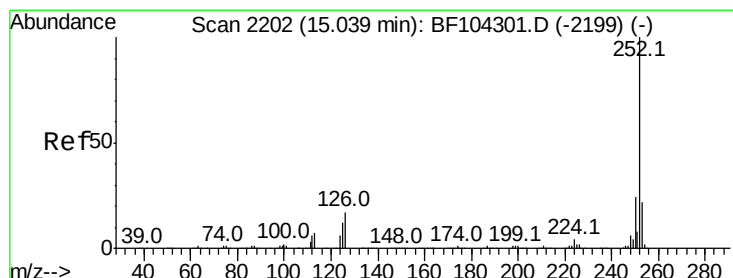
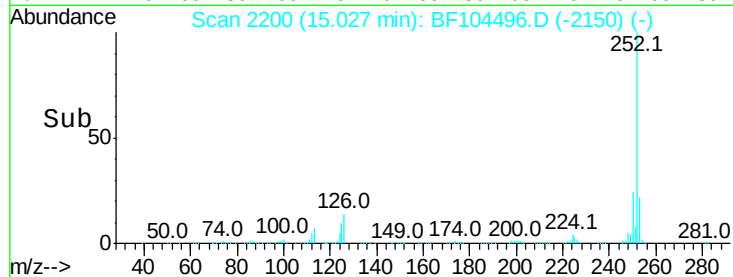
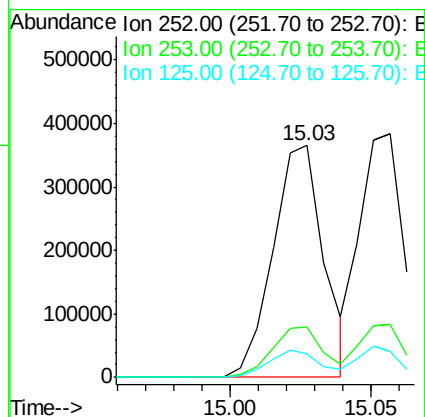
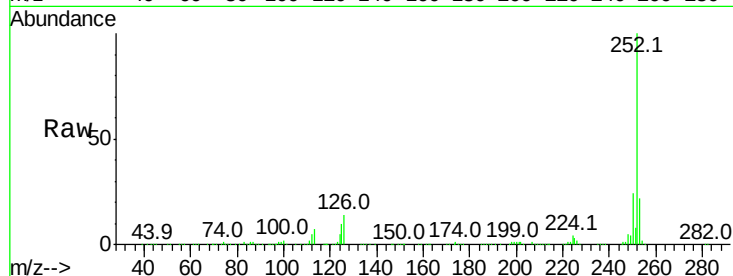




#87
Benzo(b)fluoranthene
Concen: 39.327 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

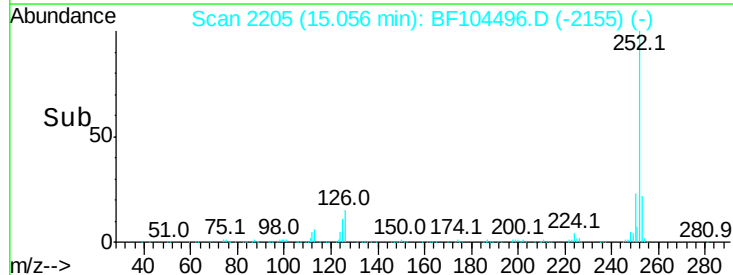
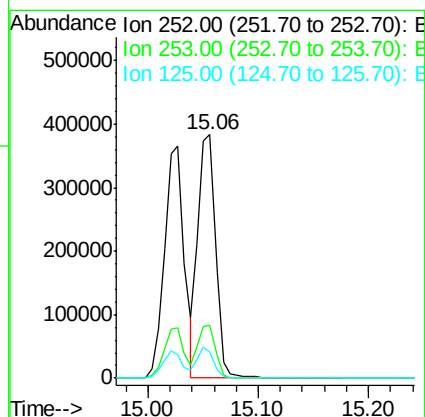
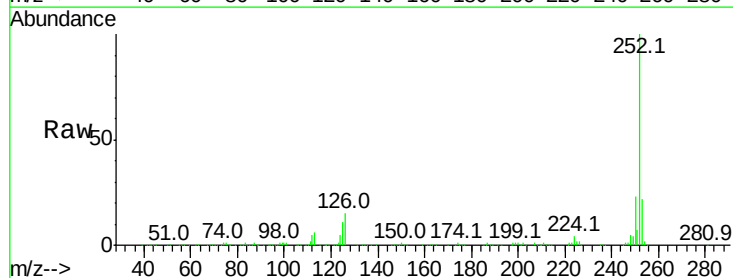
Instrument :
BNA_F
ClientSampled :

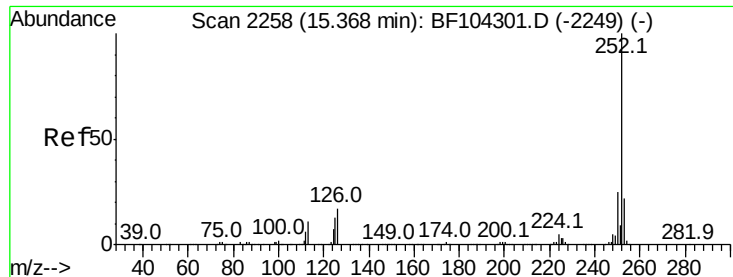
Tot Ion:252 Resp: 457057
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.977 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104496.D
Acq: 13 Apr 2018 23:08

Tgt Ion:252 Resp: 416689
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.303 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :

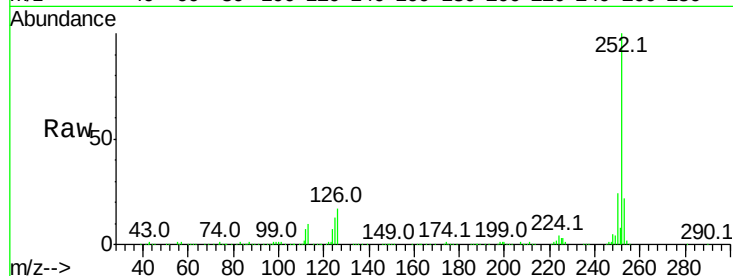
Tot Ion:252 Resp: 387901

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

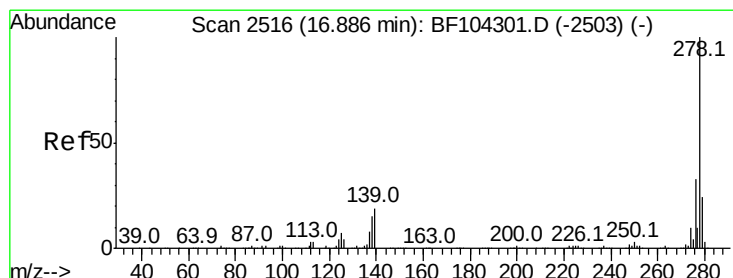
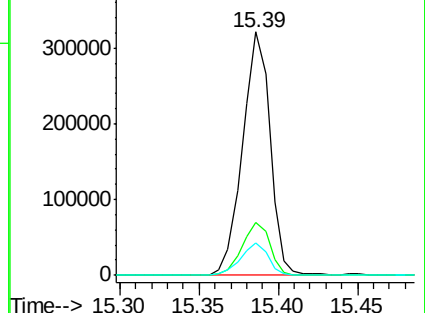
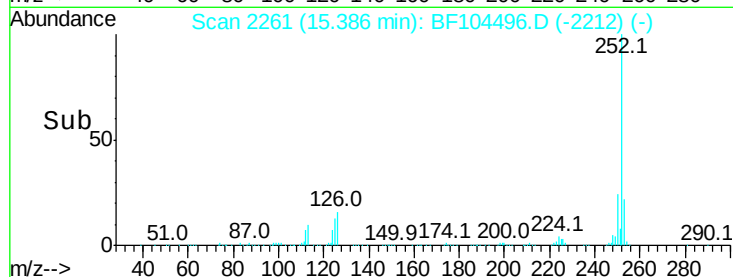
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.107 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.02 min

Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

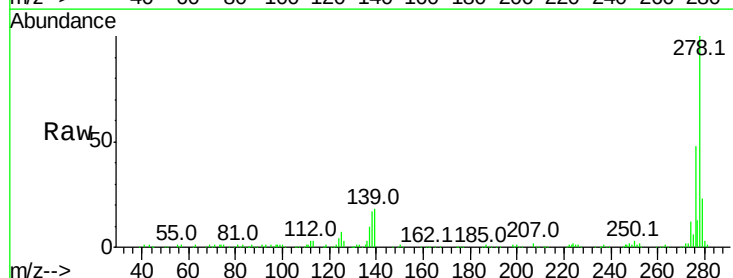
Tgt Ion:278 Resp: 316915

Ion Ratio Lower Upper

278 100

139 17.6 15.9 23.9

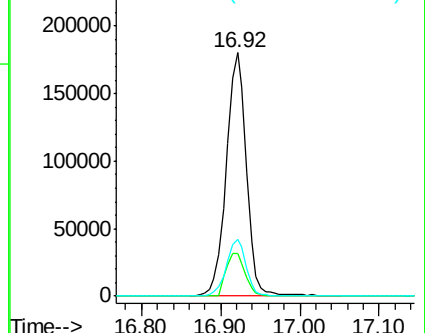
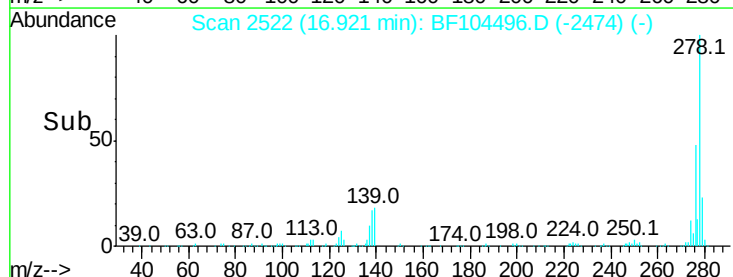
279 23.5 19.0 28.4

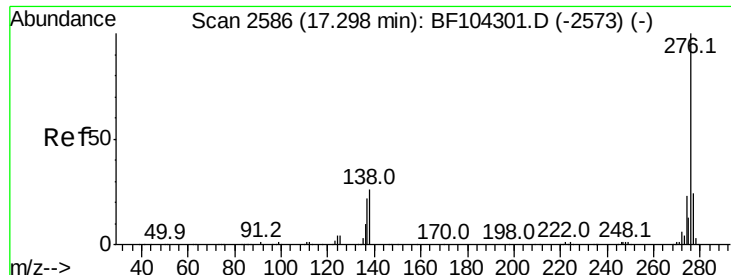


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.051 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.02 min

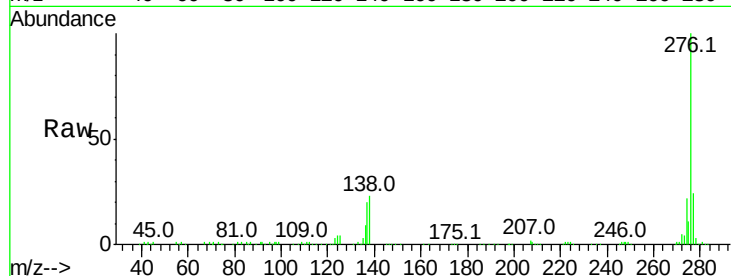
Lab File: BF104496.D

Acq: 13 Apr 2018 23:08

Instrument :

BNA_F

ClientSampleId :



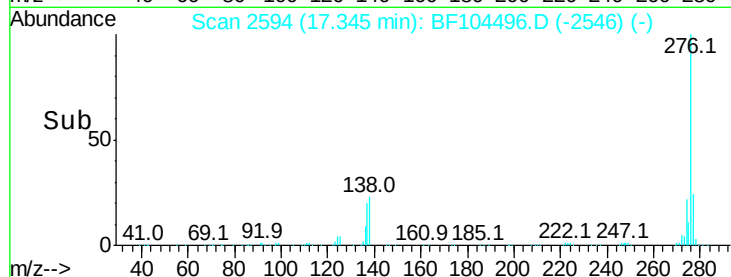
Tot Ion: 276 Resp: 306573

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 22.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

