

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104447.D
 Acq On : 12 Apr 2018 13:35
 Operator : JU/SJ
 Sample : PB108173BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 17:07:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139325	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	564007	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	262852	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	468900	20.00	ng	0.00
75) Chrysene-d12	13.99	240	290523	20.00	ng	0.00
86) Perylene-d12	15.45	264	247391	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1042362	114.40	ng	0.02
7) Phenol-d6	6.45	99	1280378	114.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	817283	94.62	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	337405	123.74	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1411806	84.85	ng	0.00
78) Terphenyl-d14	12.93	244	1285265	100.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	138675	32.662	ng	90
3) Pyridine	3.35	79	403598	33.810	ng	# 86
4) n-Nitrosodimethylamine	3.30	42	167658	40.179	ng	79
6) Aniline	6.48	93	446792	28.725	ng	95
8) 2-Chlorophenol	6.60	128	399587	41.549	ng	98
9) Benzaldehyde	6.36	77	127598	18.726	ng	99
10) Phenol	6.46	94	488267	41.104	ng	91
11) bis(2-Chloroethyl)ether	6.55	93	383129	40.417	ng	96
12) 1,3-Dichlorobenzene	6.75	146	417717	38.339	ng	99
13) 1,4-Dichlorobenzene	6.83	146	418945	38.574	ng	99
14) 1,2-Dichlorobenzene	6.98	146	388680	38.618	ng	99
15) Benzyl Alcohol	6.96	79	338420	39.799	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	487543	38.298	ng	93
17) 2-Methylphenol	7.07	107	337482	40.369	ng	97
18) Hexachloroethane	7.32	117	154900	40.002	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	267278	36.534	ng	91
20) 3+4-Methylphenols	7.22	107	389937	37.609	ng	# 75
22) Acetophenone	7.23	105	523217	37.681	ng	# 98
24) Nitrobenzene	7.40	77	414844	43.502	ng	99
25) Isophorone	7.64	82	762327	41.737	ng	99
26) 2-Nitrophenol	7.71	139	223665	57.612	ng	99
27) 2,4-Dimethylphenol	7.75	122	361984	44.906	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	486547	43.568	ng	99
29) 2,4-Dichlorophenol	7.96	162	335809	43.661	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	340918	40.389	ng	99
31) Naphthalene	8.12	128	1129348	40.212	ng	99
32) Benzoic acid	7.89	122	273527	42.528	ng	97
33) 4-Chloroaniline	8.17	127	322706	26.821	ng	96
34) Hexachlorobutadiene	8.23	225	184001	39.797	ng	99
35) Caprolactam	8.56	113	81923	30.533	ng	# 78
36) 4-Chloro-3-methylphenol	8.65	107	360113	43.665	ng	98
37) 2-Methylnaphthalene	8.81	142	746158	41.073	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	320837	42.640	ng	99
40) Hexachlorocyclopentadiene	8.96	237	371486	88.189	ng	99

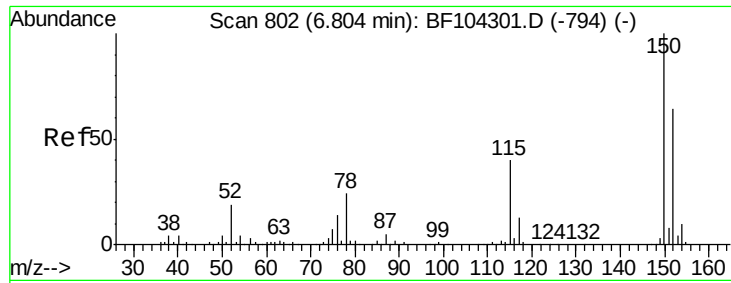
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104447.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	232882	44.585	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	250560	42.867	ng	96
45) 1,1'-Biphenyl	9.27	154	889725	40.293	ng	99
46) 2-Chloronaphthalene	9.30	162	700062	40.138	ng	99
47) 2-Nitroaniline	9.40	65	219745	50.946	ng	97
48) Acenaphthylene	9.72	152	1069274	39.074	ng	100
49) Dimethylphthalate	9.58	163	837683	40.413	ng	99
50) 2,6-Dinitrotoluene	9.64	165	193161	50.362	ng	99
51) Acenaphthene	9.89	154	629105	37.679	ng	100
52) 3-Nitroaniline	9.81	138	152353	33.930	ng	98
53) 2,4-Dinitrophenol	9.92	184	194998	106.325	ng	# 20
54) Dibenzofuran	10.06	168	948561	40.766	ng	99
55) 4-Nitrophenol	9.98	139	326191	92.479	ng	95
56) 2,4-Dinitrotoluene	10.05	165	245618	48.821	ng	# 99
57) Fluorene	10.40	166	710974	41.979	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	195897	44.924	ng	96
59) Diethylphthalate	10.28	149	818473	39.648	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	331614	43.966	ng	98
61) 4-Nitroaniline	10.43	138	186886	42.567	ng	99
62) Azobenzene	10.56	77	774631	39.276	ng	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	124075	53.363	ng	# 78
65) n-Nitrosodiphenylamine	10.52	169	668232	41.102	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	207593	41.622	ng	93
67) Hexachlorobenzene	10.95	284	230885	41.141	ng	91
68) Atrazine	11.04	200	212314	43.264	ng	99
69) Pentachlorophenol	11.14	266	246429	70.978	ng	96
70) Phenanthrene	11.37	178	1033659	39.584	ng	99
71) Anthracene	11.42	178	1070449	40.327	ng	100
72) Carbazole	11.57	167	940721	36.268	ng	99
73) Di-n-butylphthalate	11.90	149	1219365	38.484	ng	99
74) Fluoranthene	12.56	202	1023078	37.499	ng	99
76) Benzidine	12.93	184	17417	Below Cal		97
77) Pyrene	12.79	202	1021274	47.425	ng	100
79) Butylbenzylphthalate	13.40	149	456584	45.005	ng	99
80) Benzo(a)anthracene	13.97	228	746233	42.995	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	211823	32.733	ng	98
82) Chrysene	14.02	228	717006	40.219	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	596052	45.677	ng	99
84) Di-n-octyl phthalate	14.59	149	889408	40.790	ng	96
85) Indeno(1,2,3-cd)pyrene	16.91	276	818199	54.027	ng	97
87) Benzo(b)fluoranthene	15.03	252	623289	39.891	ng	98
88) Benzo(k)fluoranthene	15.06	252	623942	42.298	ng	98
89) Benzo(a)pyrene	15.39	252	615240	44.008	ng	98
90) Dibenzo(a,h)anthracene	16.93	278	669631	58.320	ng	97
91) Benzo(g,h,i)perylene	17.36	276	707829	63.630	ng	96

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

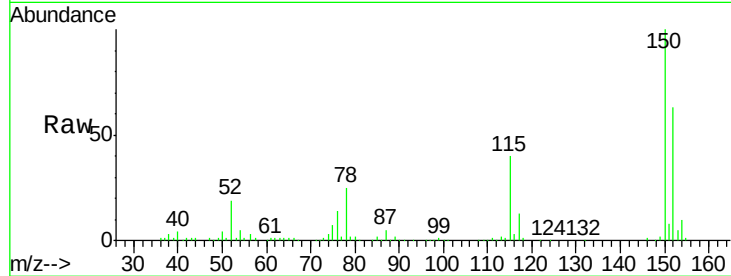


#1

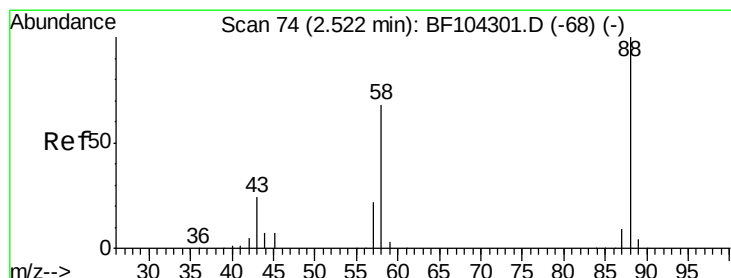
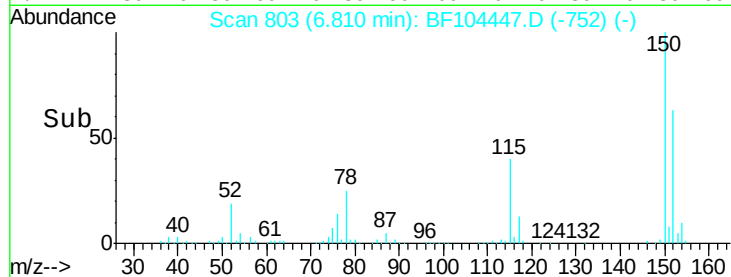
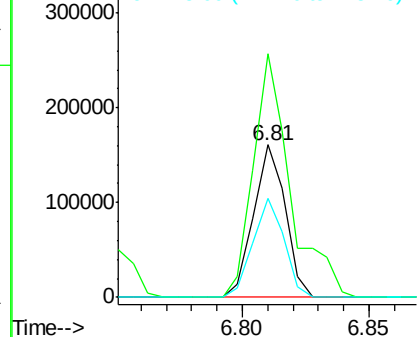
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139325
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 64.5 50.1 75.1



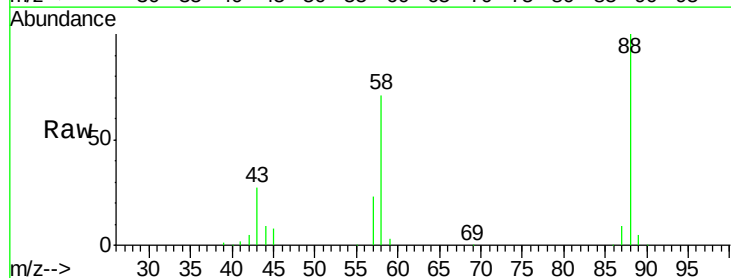
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



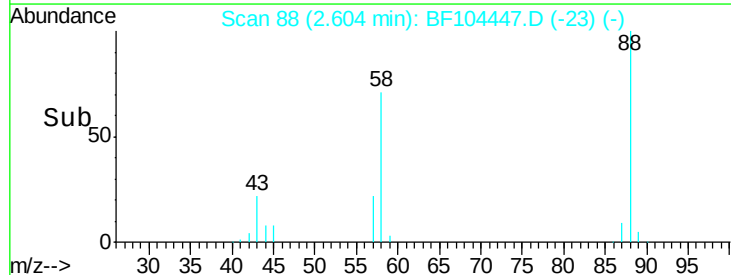
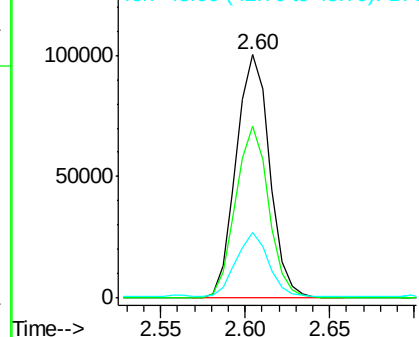
#2

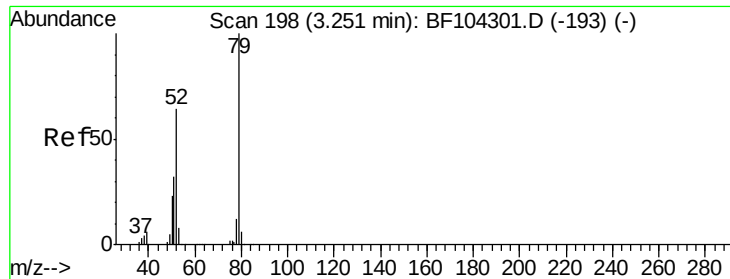
1,4-Dioxane
Concen: 32.662 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.08 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion: 88 Resp: 138675
Ion Ratio Lower Upper
88 100
58 69.7 62.6 93.8
43 25.5 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: 33.810 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

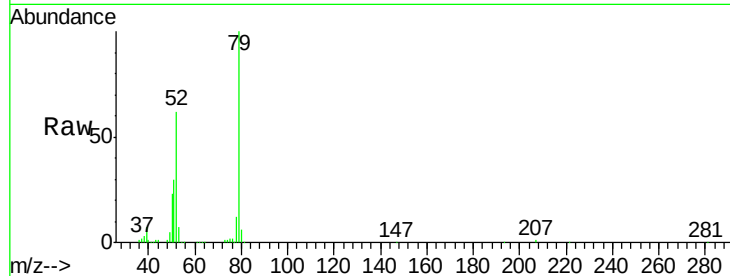
Tot Ion: 79 Resp: 403598

Ion Ratio Lower Upper

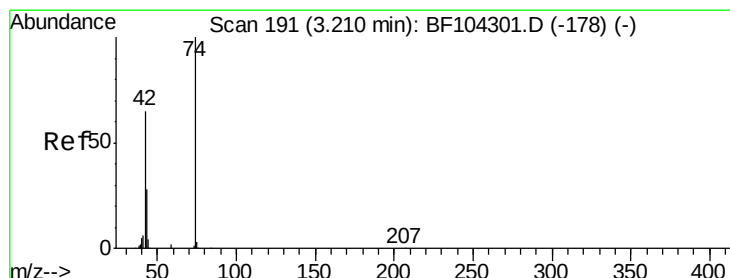
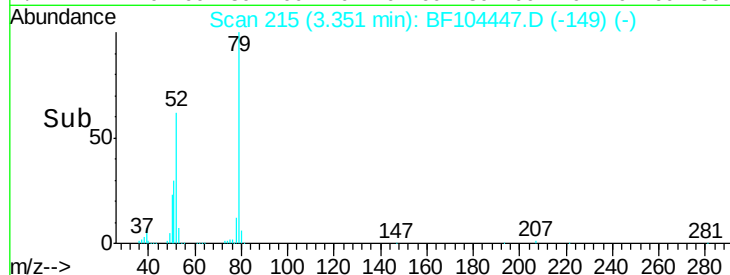
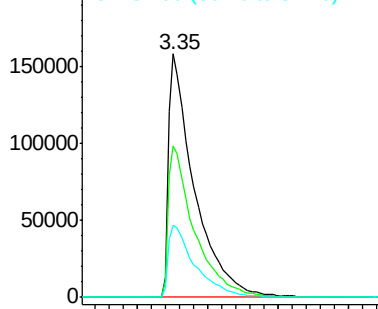
79 100

52 62.4 59.8 89.6

51 29.6 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: 40.179 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.08 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

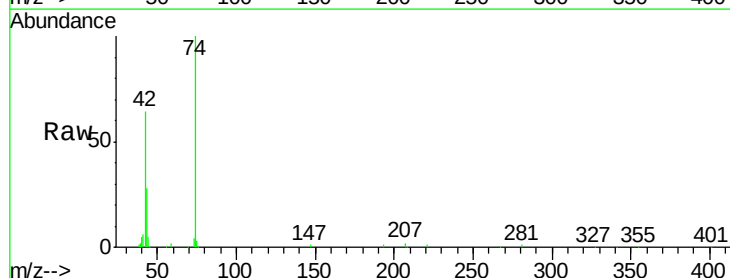
Tgt Ion: 42 Resp: 167658

Ion Ratio Lower Upper

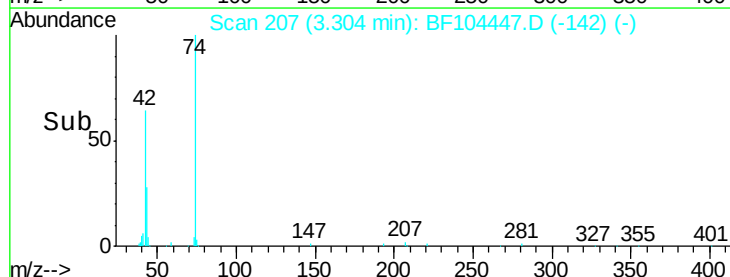
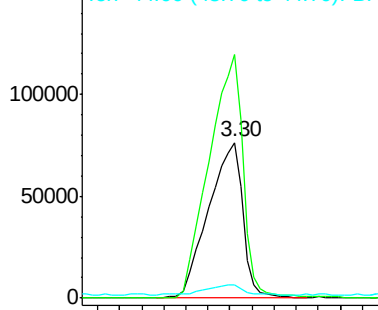
42 100

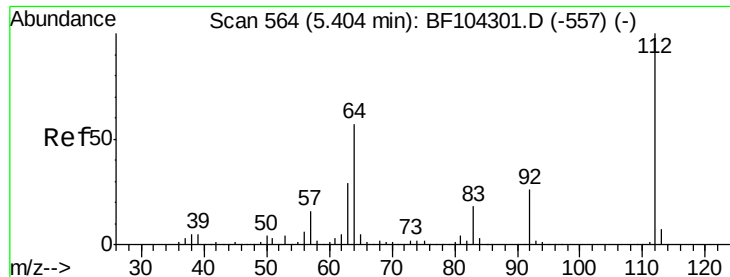
74 156.8 104.9 157.3

44 8.4 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: 114.397 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampled :

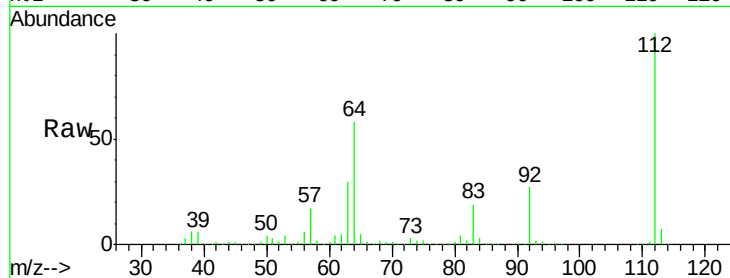
Tot Ion:112 Resp: 1042362

Ion Ratio Lower Upper

112 100

64 57.7 47.9 71.9

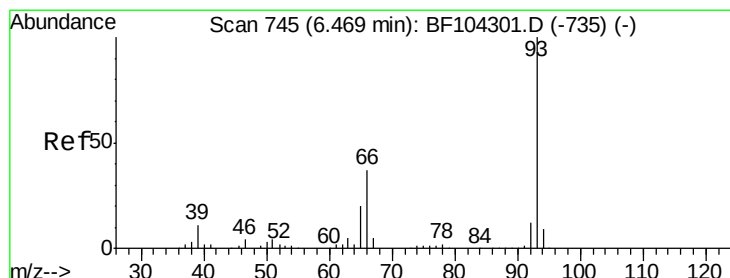
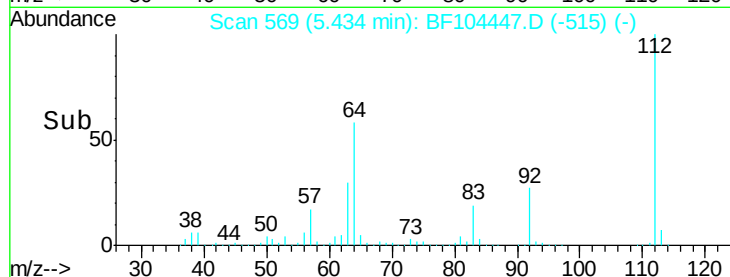
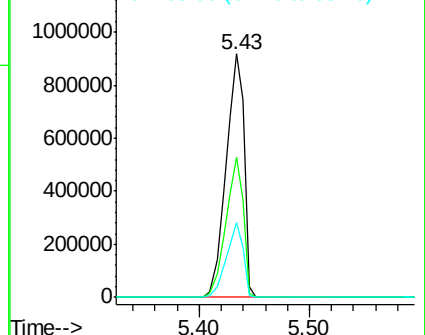
63 30.4 23.7 35.5



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: 28.725 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

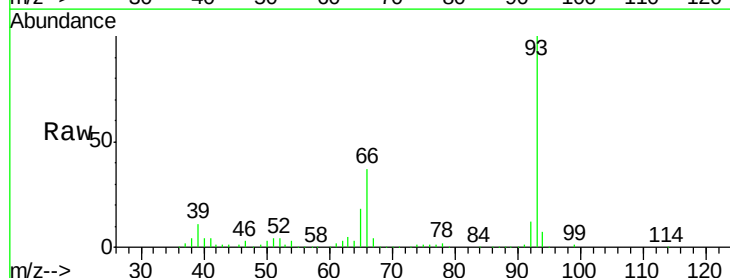
Tgt Ion: 93 Resp: 446792

Ion Ratio Lower Upper

93 100

66 37.3 32.2 48.2

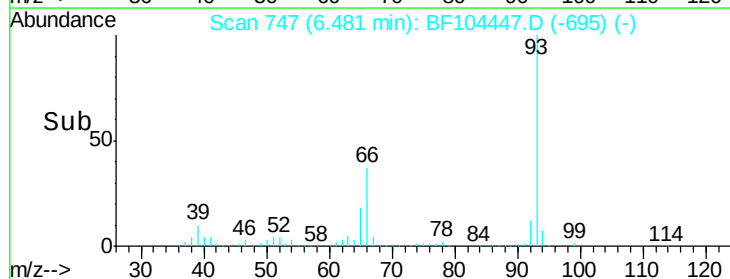
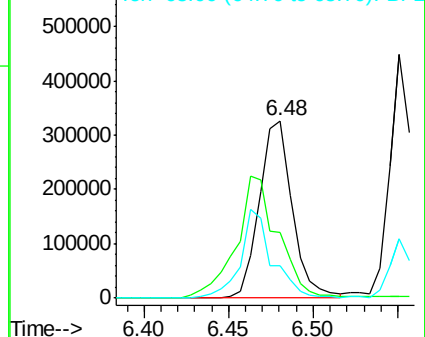
65 18.1 16.4 24.6

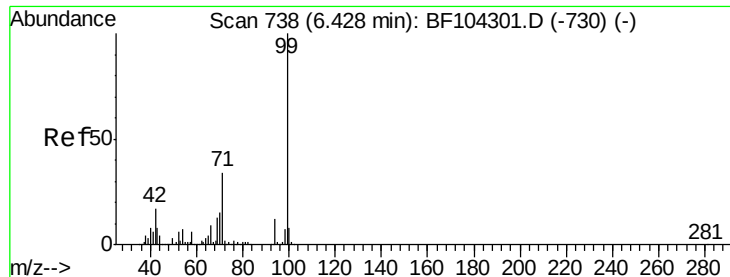


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.366 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

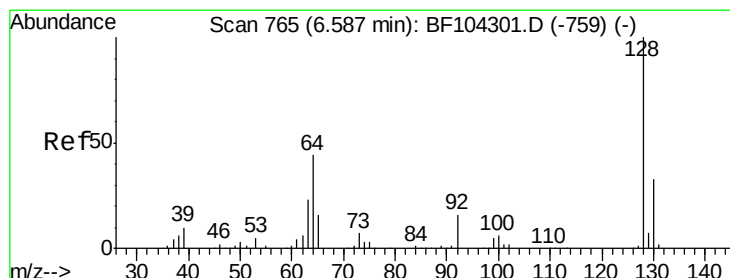
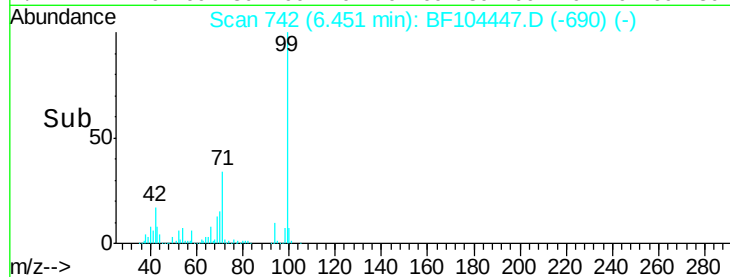
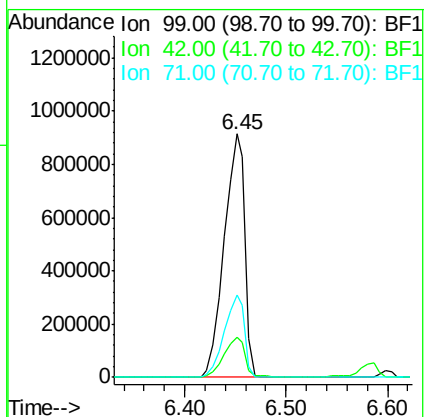
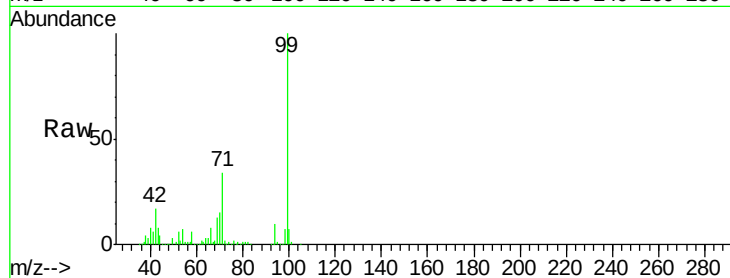
Tot Ion: 99 Resp: 1280378

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 33.8 25.4 38.0



#8

2-Chlorophenol

Concen: 41.549 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

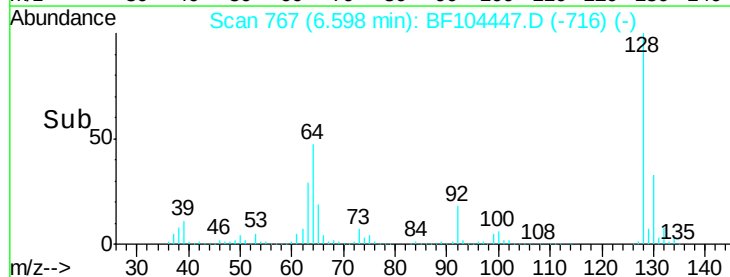
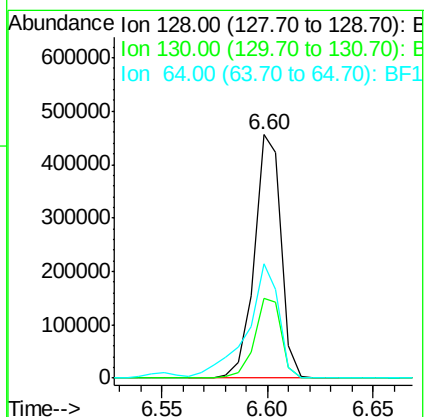
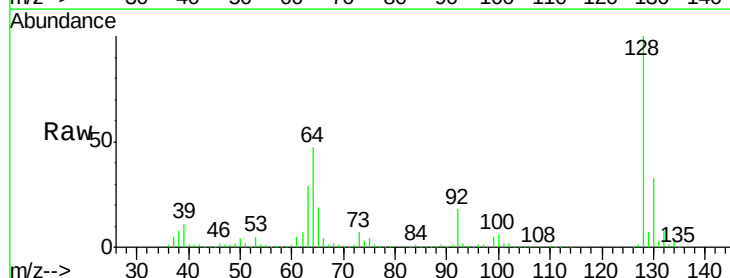
Tgt Ion:128 Resp: 399587

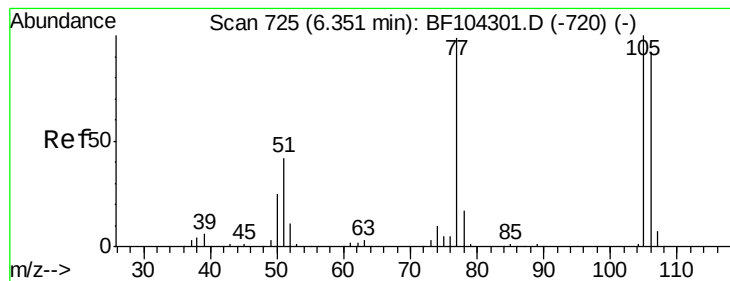
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 47.0 29.4 69.4





#9

Benzaldehyde

Concen: 18.726 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

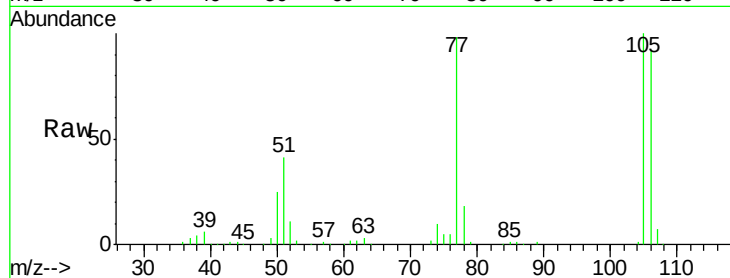
Tot Ion: 77 Resp: 127598

Ion Ratio Lower Upper

77 100

105 101.5 81.1 121.1

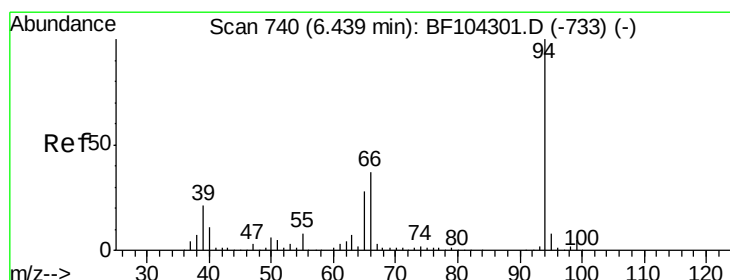
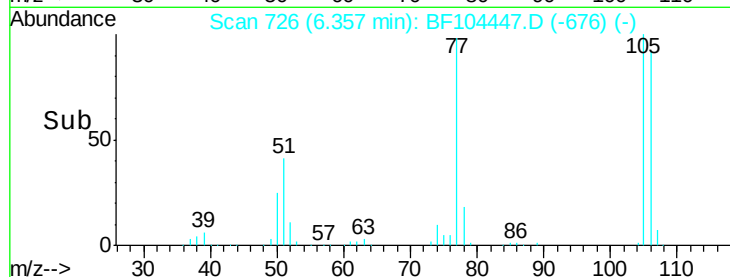
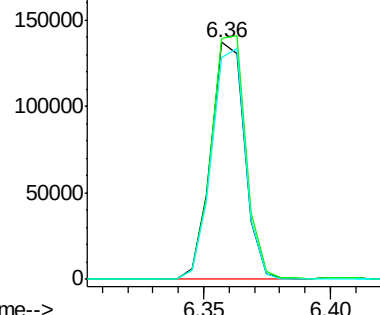
106 93.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.104 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

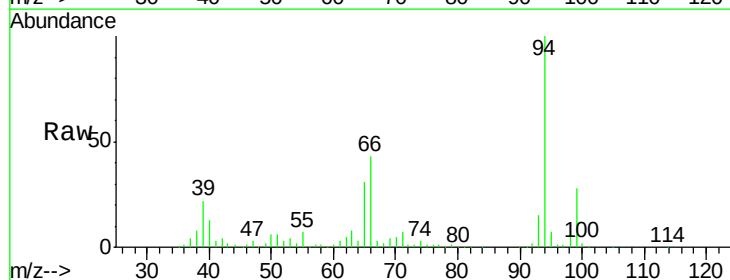
Tgt Ion: 94 Resp: 488267

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

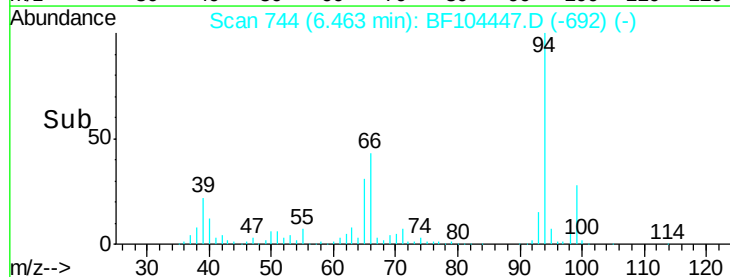
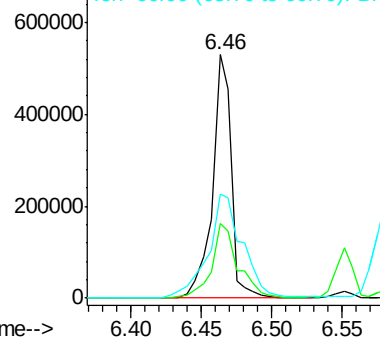
66 42.6 16.2 56.2

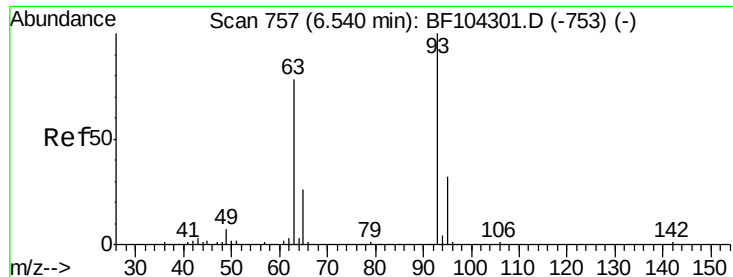


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.417 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampled :

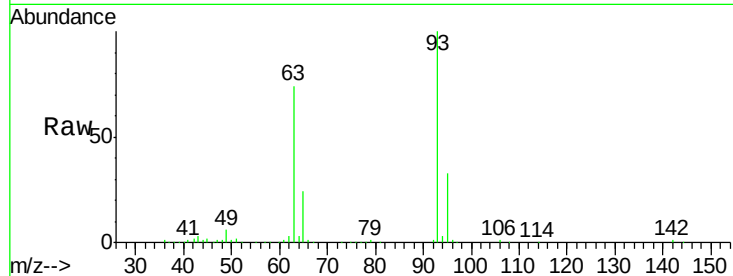
Tot Ion: 93 Resp: 383129

Ion Ratio Lower Upper

93 100

63 74.2 58.6 98.6

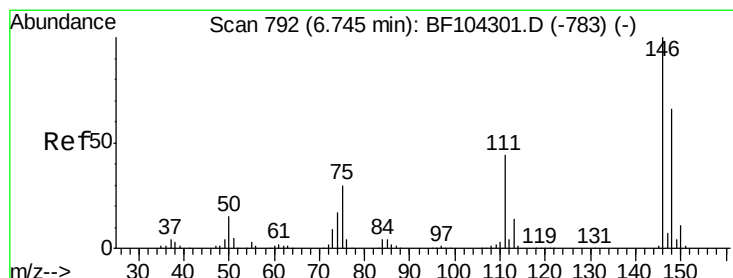
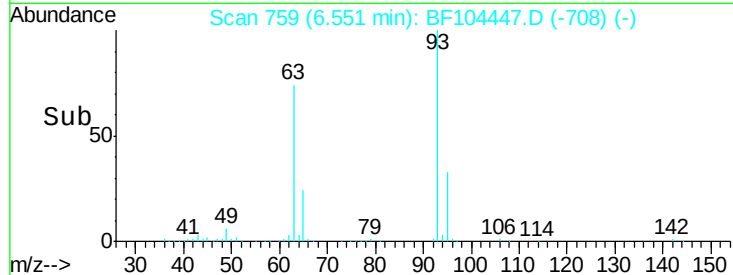
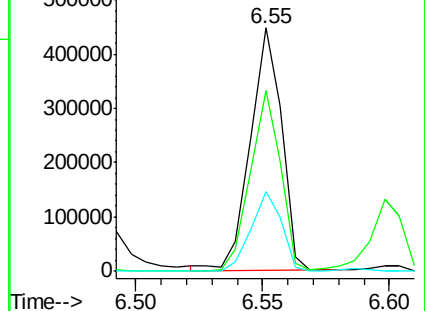
95 32.6 11.8 51.8



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: 38.339 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

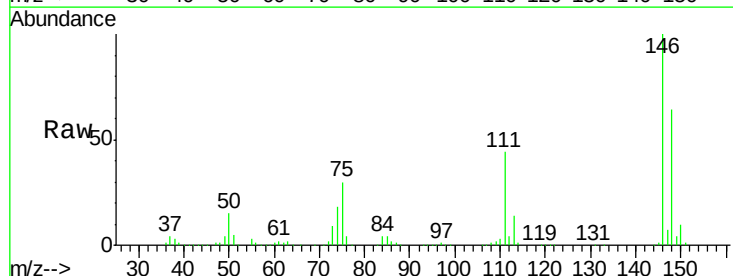
Tgt Ion: 146 Resp: 417717

Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

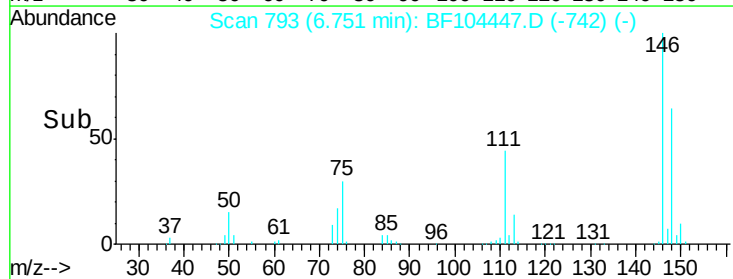
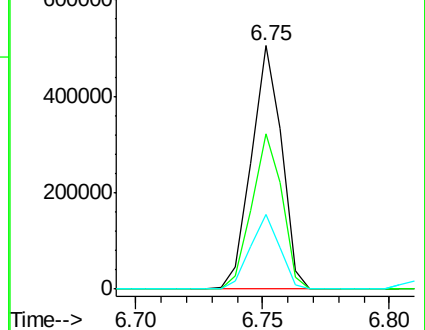
75 30.4 24.2 36.4

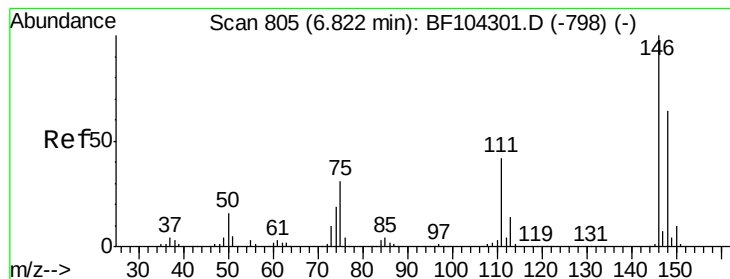


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.574 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

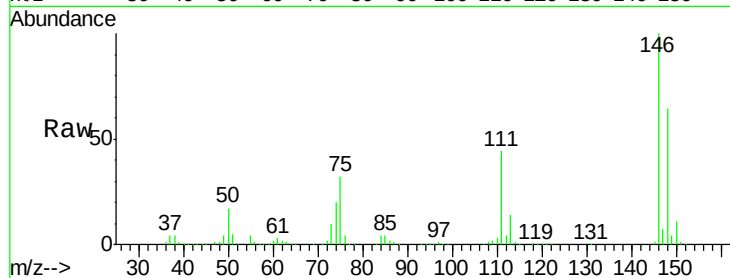
Tot Ion:146 Resp: 418945

Ion Ratio Lower Upper

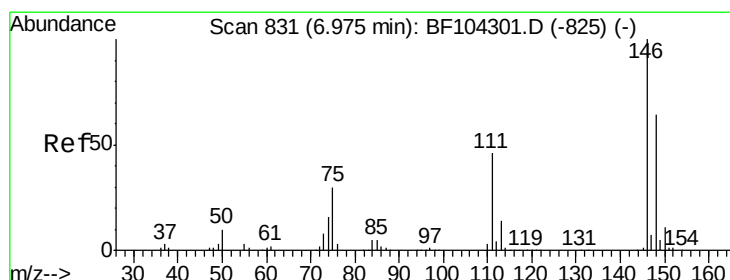
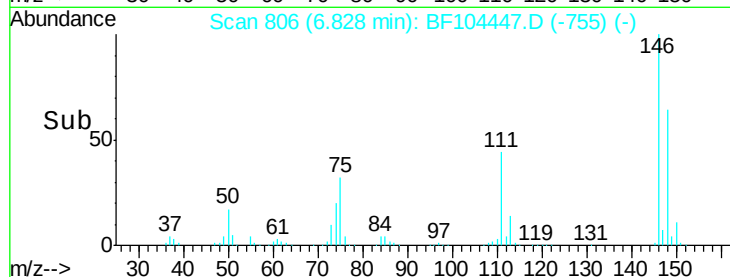
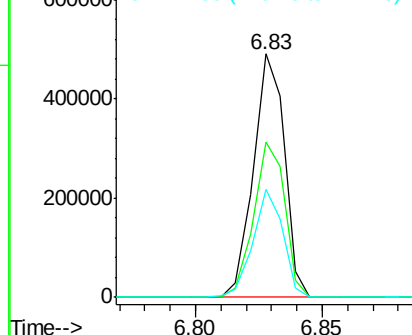
146 100

148 63.8 50.8 76.2

111 44.2 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 38.618 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

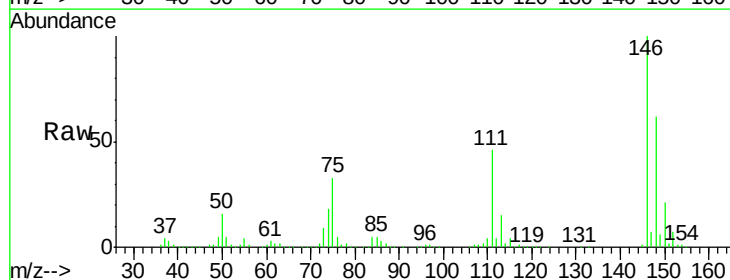
Tgt Ion:146 Resp: 388680

Ion Ratio Lower Upper

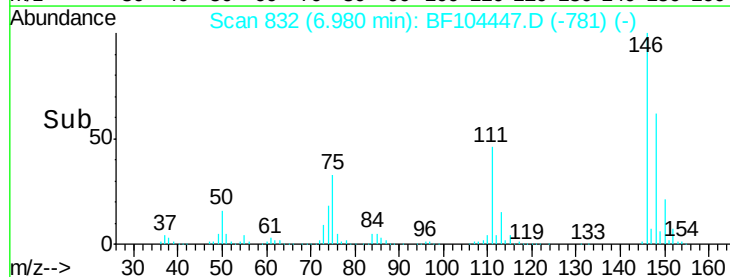
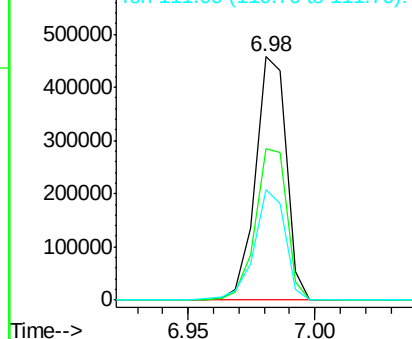
146 100

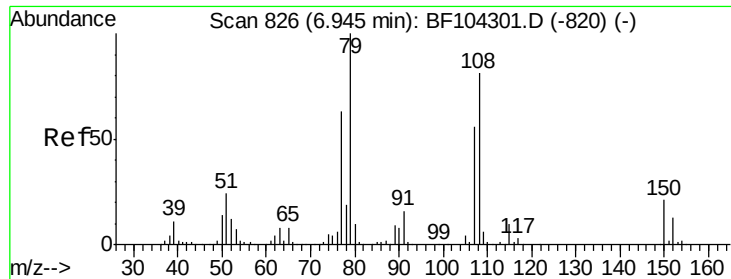
148 62.2 50.6 75.8

111 45.6 36.0 54.0



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

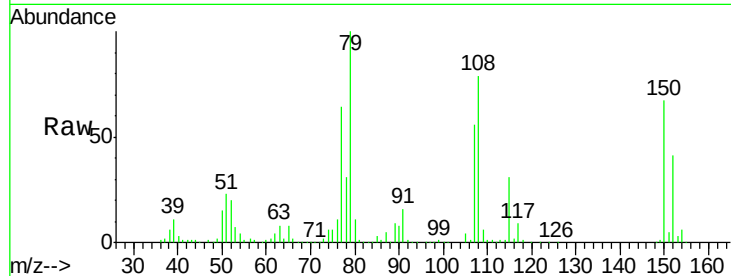




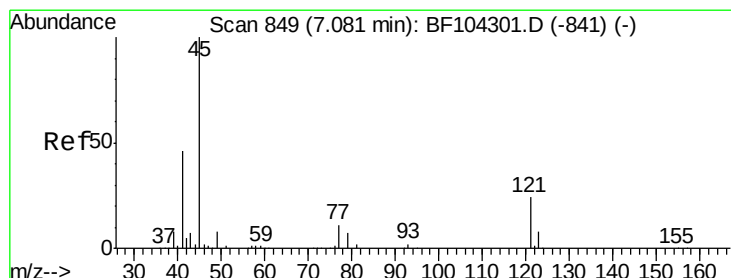
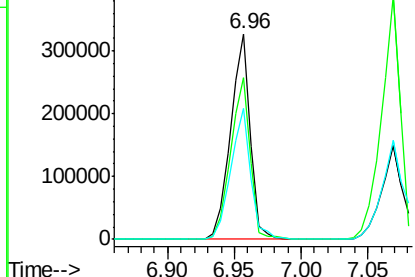
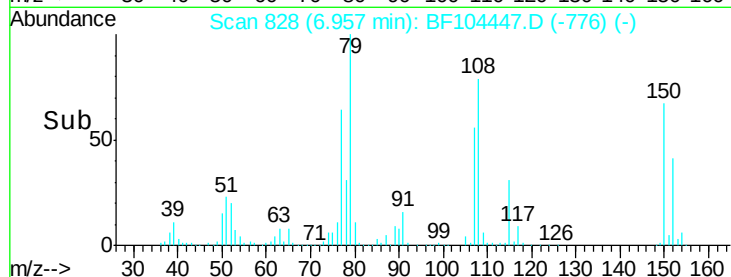
#15
Benzyl Alcohol
Concen: 39.799 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 338420
Ion Ratio Lower Upper
79 100
108 78.7 65.1 97.7
77 63.6 50.6 75.8

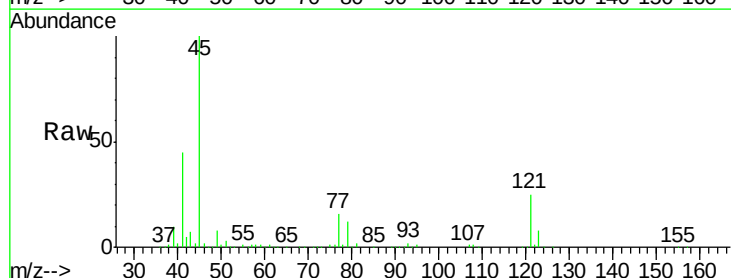


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

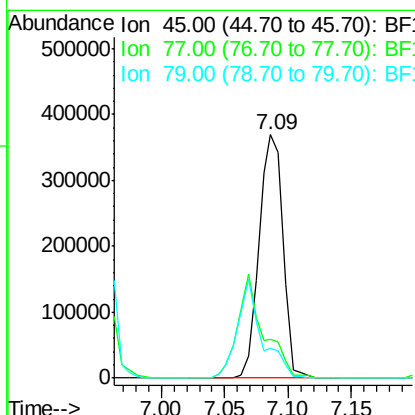
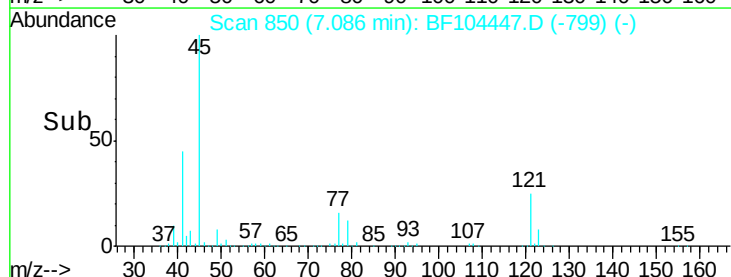


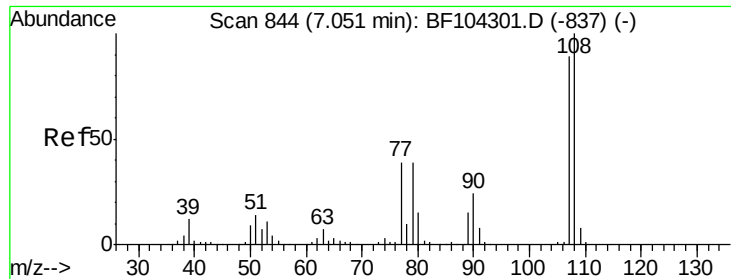
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.298 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion: 45 Resp: 487543
Ion Ratio Lower Upper
45 100
77 16.0 0.0 32.9
79 12.1 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

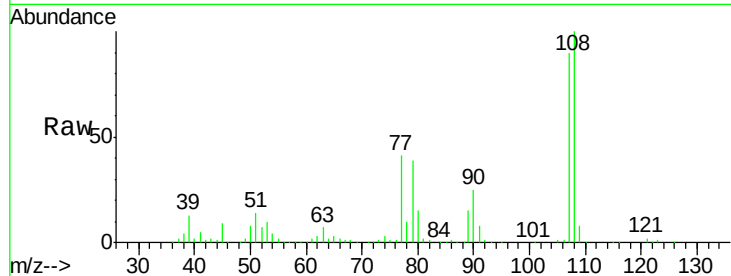




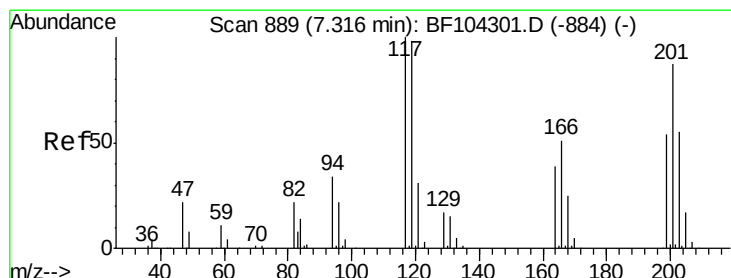
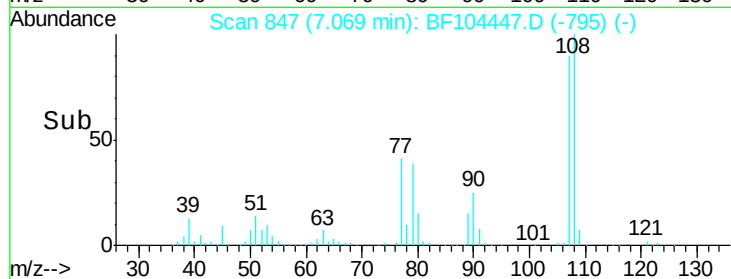
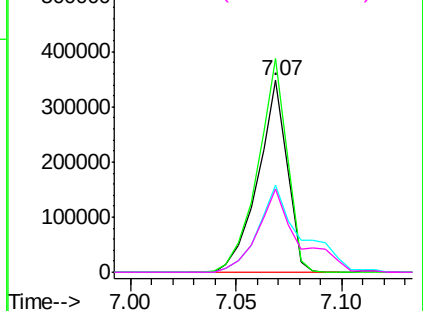
#17
2-Methylphenol
Concen: 40.369 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 337482
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 45.2 33.8 50.8
79 43.1 33.8 50.8

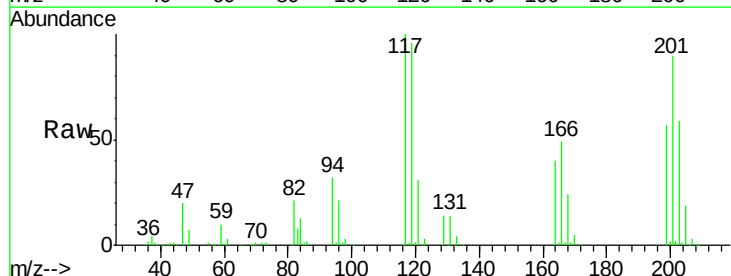


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

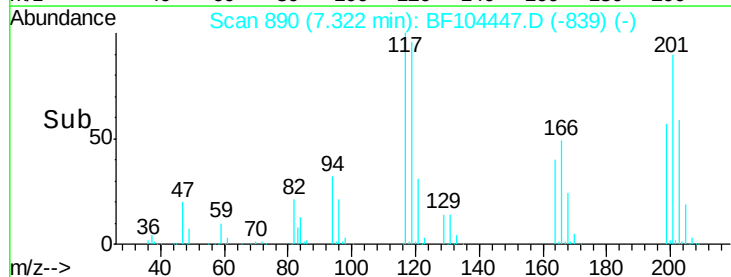
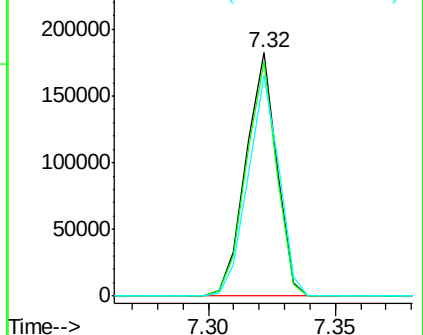


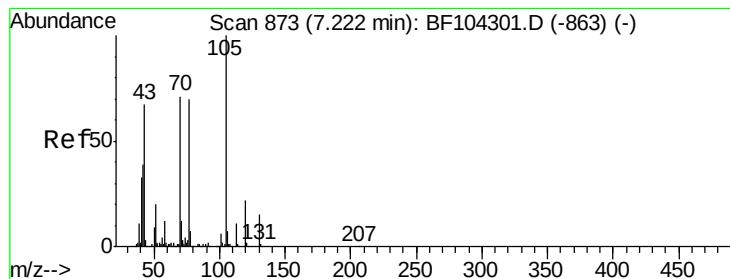
#18
Hexachloroethane
Concen: 40.002 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:117 Resp: 154900
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 90.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 36.534 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 267278

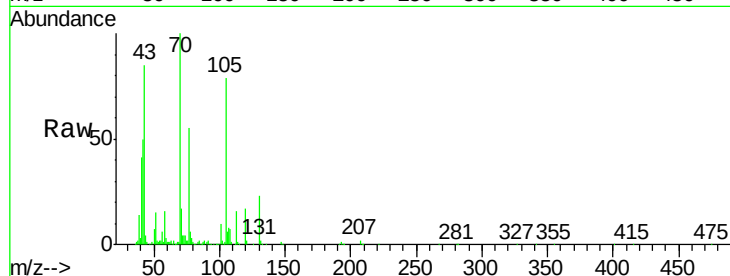
Ion Ratio Lower Upper

70 100

42 50.3 47.5 71.3

101 10.0 7.4 11.2

130 22.9 16.6 25.0

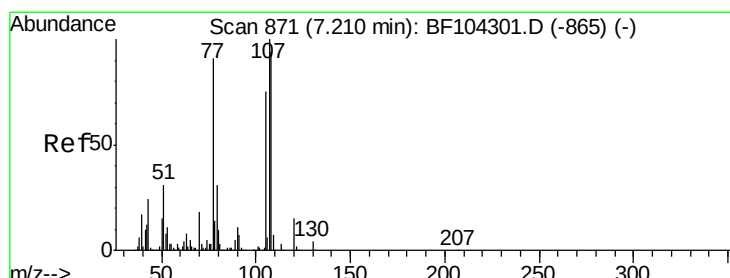
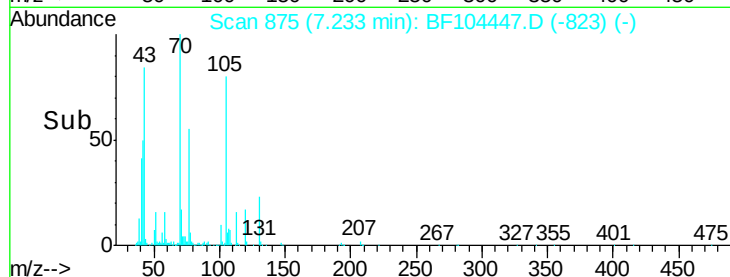
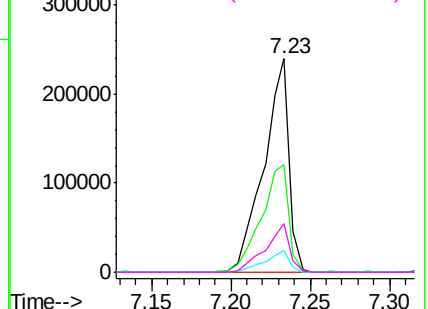


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.609 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion: 107 Resp: 389937

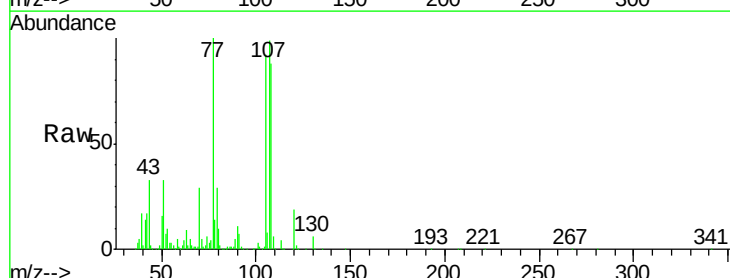
Ion Ratio Lower Upper

107 100

108 89.0 68.2 108.2

77 100.7 26.7 66.7#

79 29.5 6.3 46.3

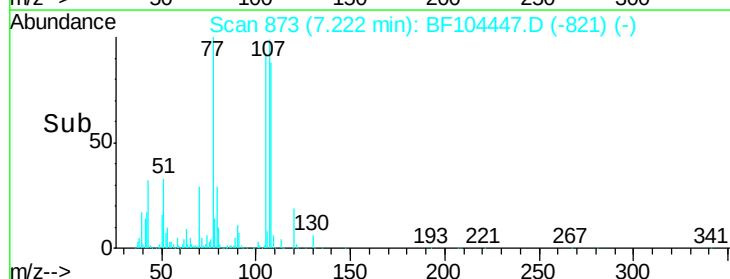
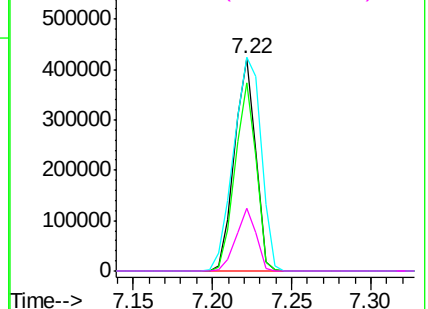


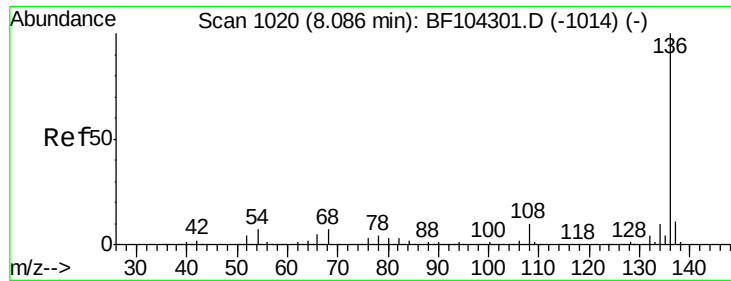
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

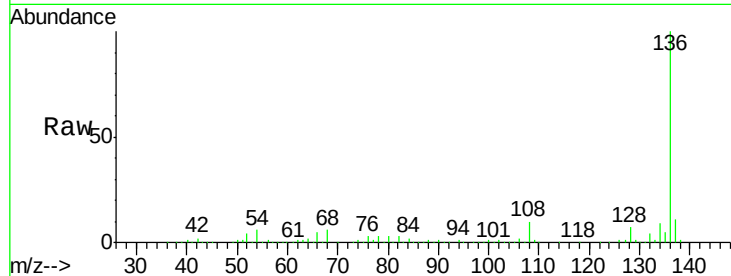




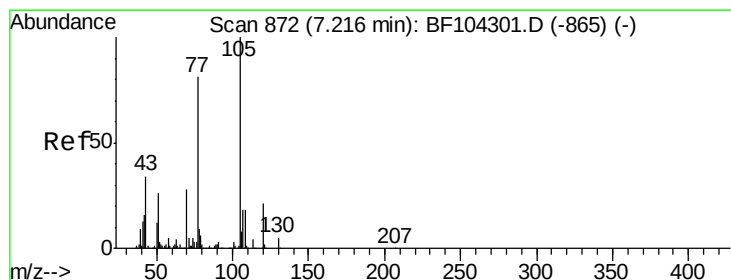
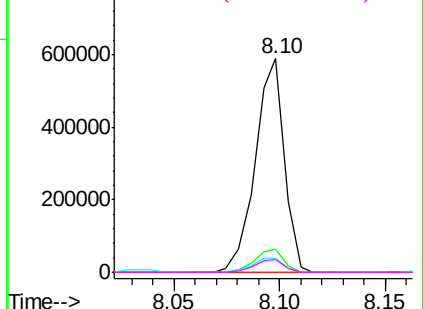
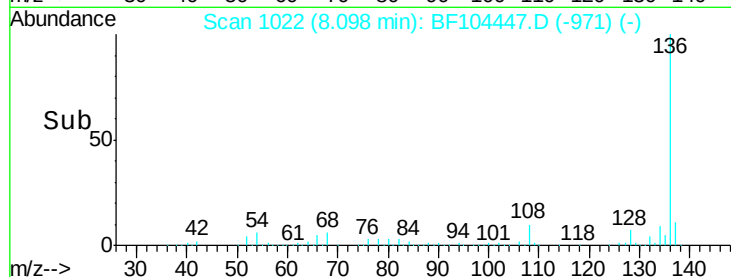
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	564007
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.5	6.6 9.8#
68	5.8	5.0 7.4

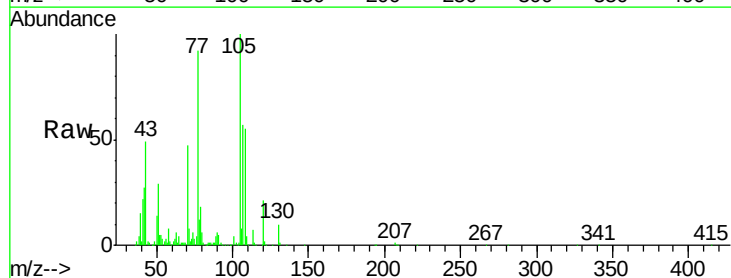


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

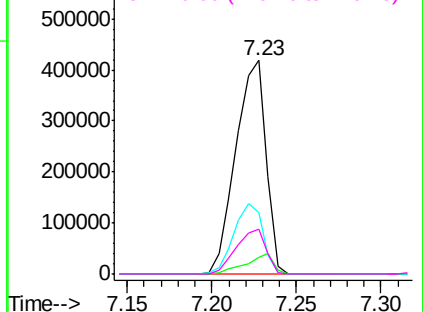
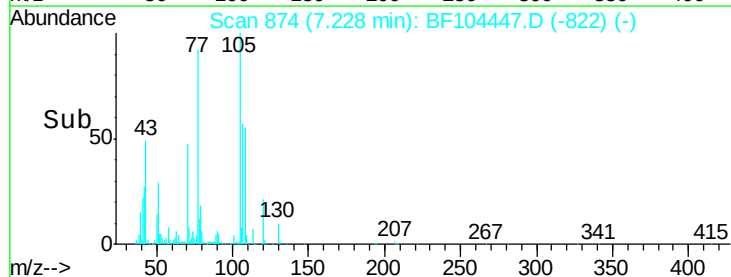


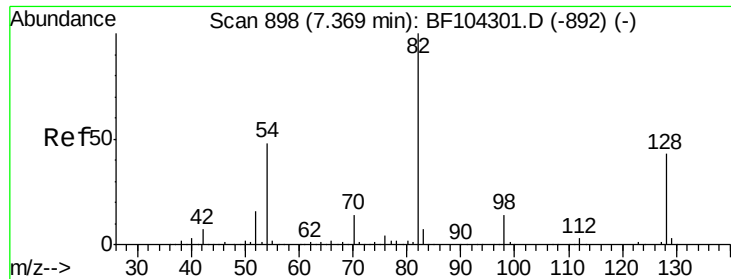
#22
Acetophenone
Concen: 37.681 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:105	Resp:	523217
Ion Ratio	Lower	Upper
105	100	
71	7.9	4.4 6.6#
51	28.6	22.3 33.5
120	20.8	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

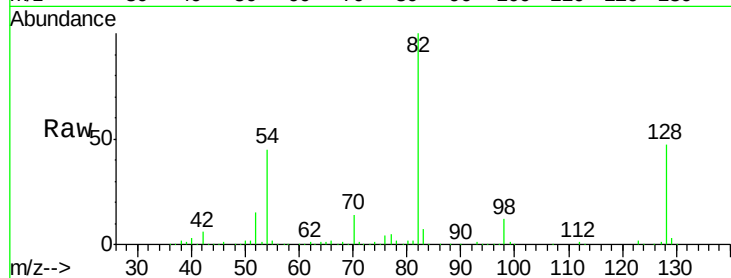




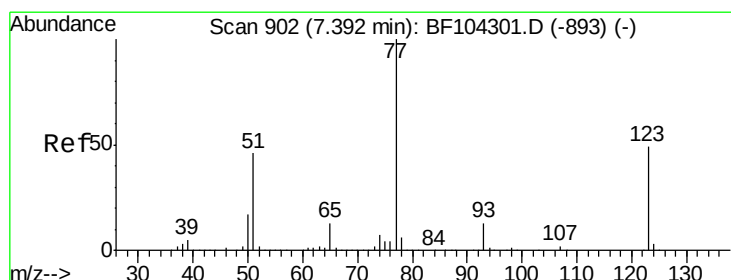
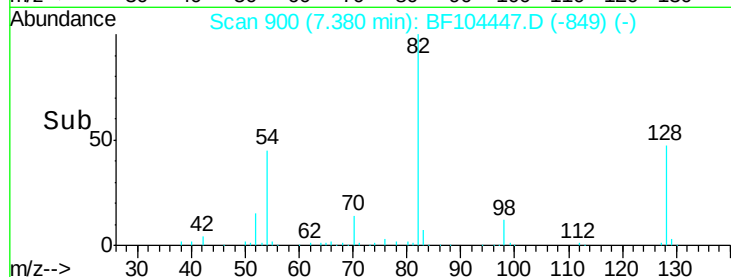
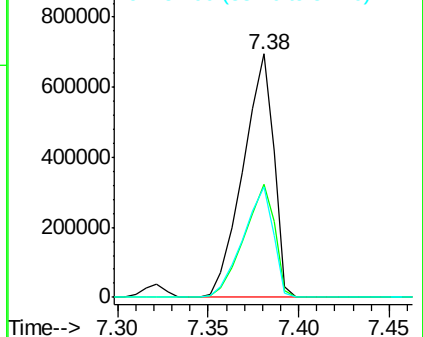
#23
 Nitrobenzene-d5
 Concen: 94.621 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 817283
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 45.3 41.4 62.2

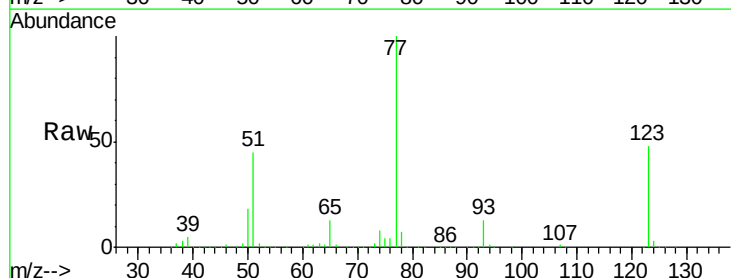


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

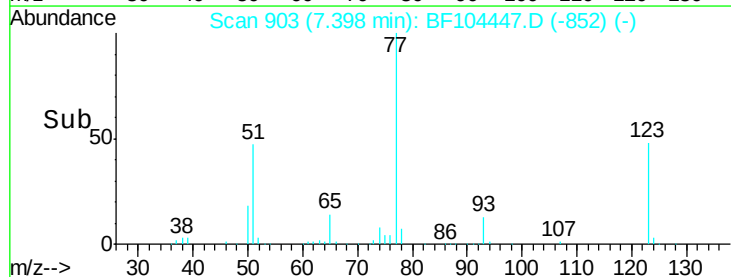
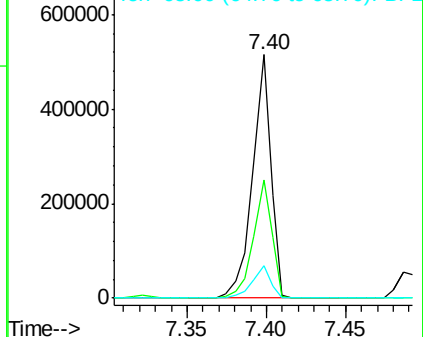


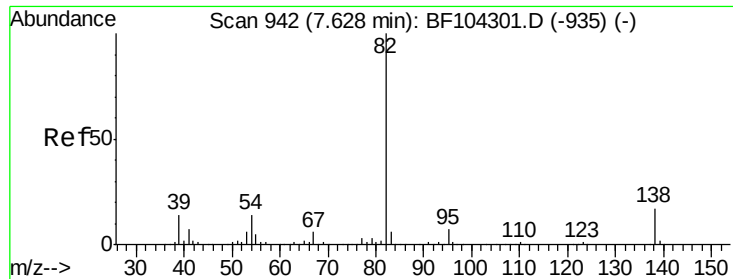
#24
 Nitrobenzene
 Concen: 43.502 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion: 77 Resp: 414844
 Ion Ratio Lower Upper
 77 100
 123 48.3 37.9 56.9
 65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 41.737 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

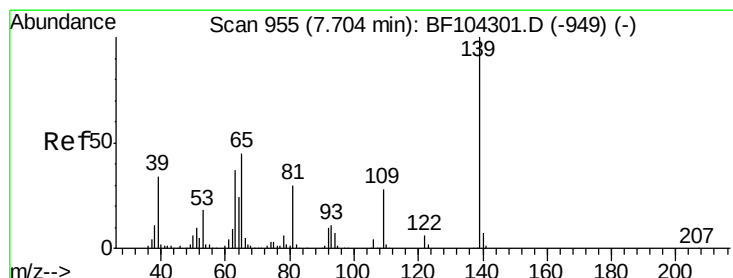
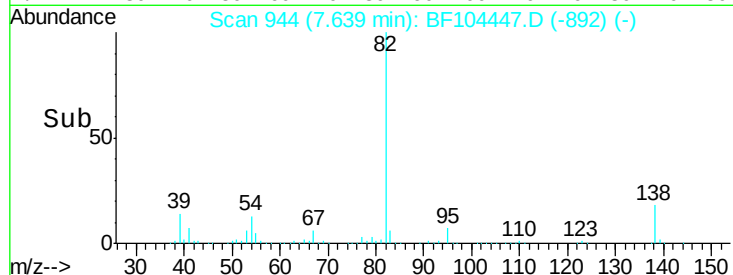
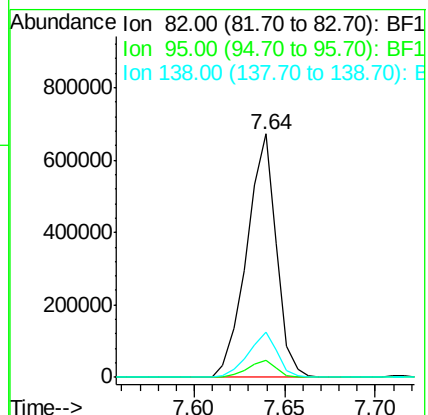
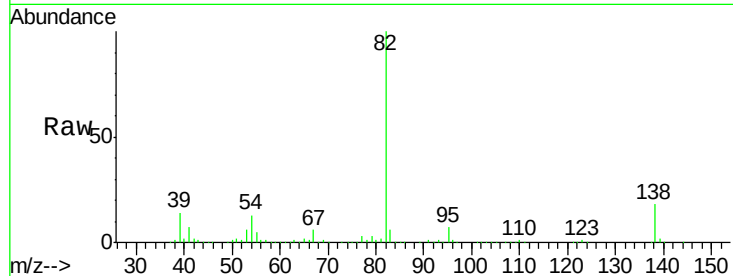
Tot Ion: 82 Resp: 762327

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 57.612 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

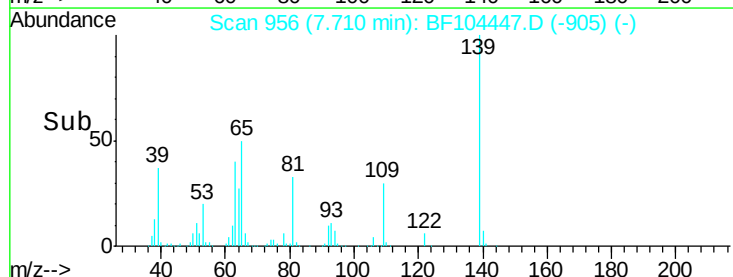
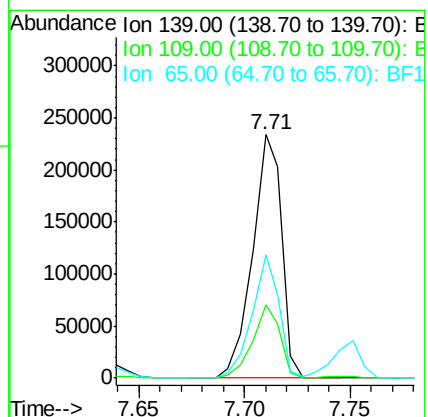
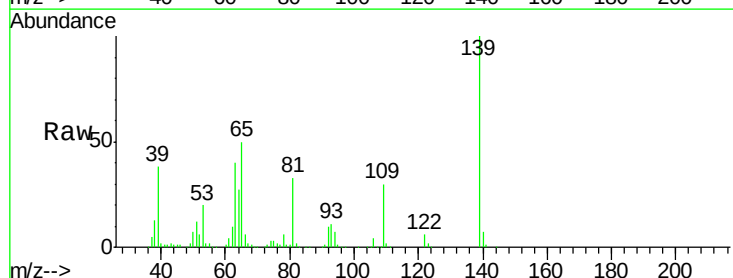
Tgt Ion: 139 Resp: 223665

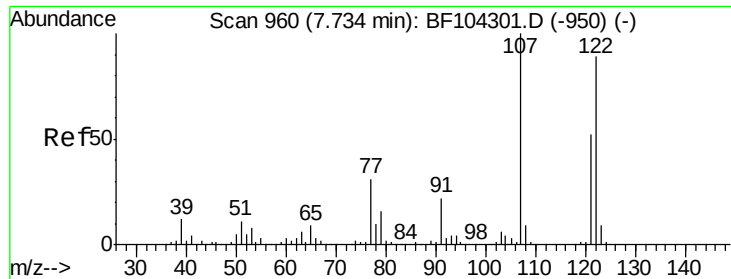
Ion Ratio Lower Upper

139 100

109 30.3 22.7 34.1

65 50.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.906 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampled :

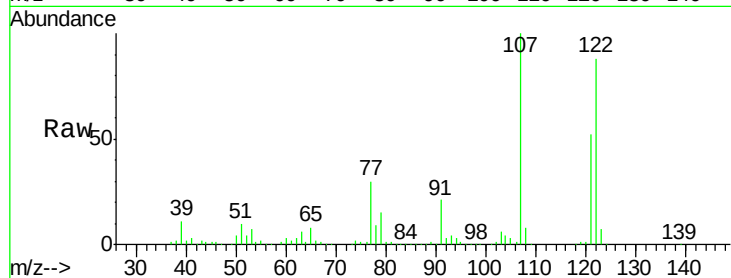
Tot Ion:122 Resp: 361984

Ion Ratio Lower Upper

122 100

107 114.1 91.2 136.8

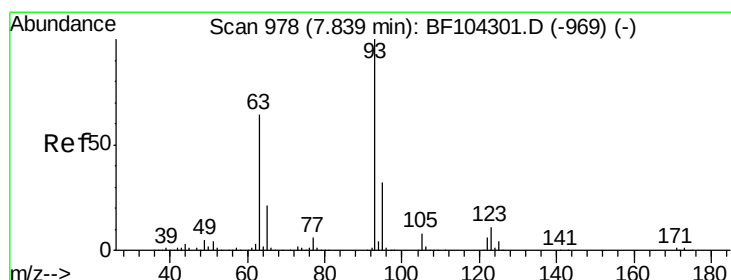
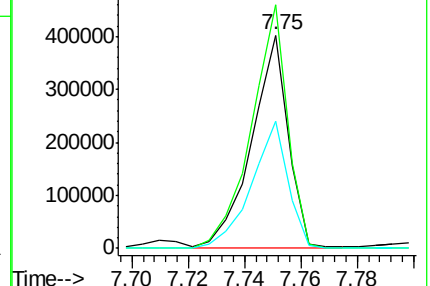
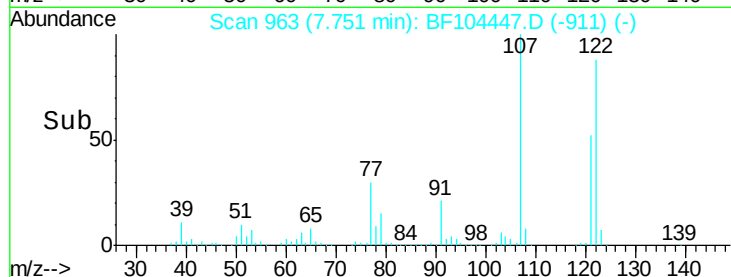
121 59.4 47.2 70.8



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: 43.568 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

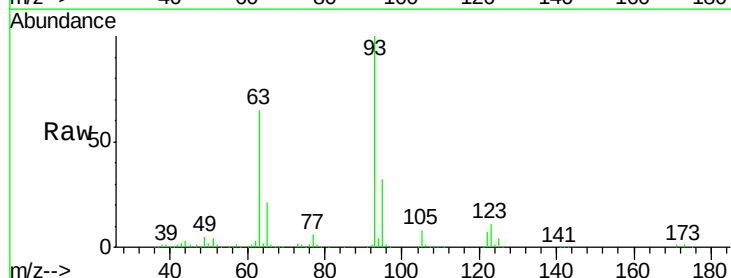
Tgt Ion: 93 Resp: 486547

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

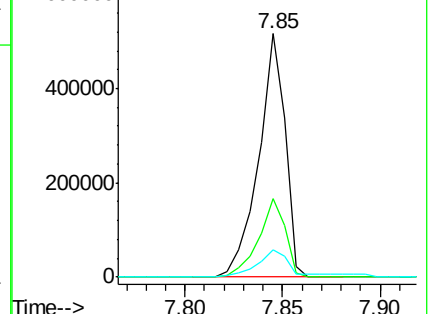
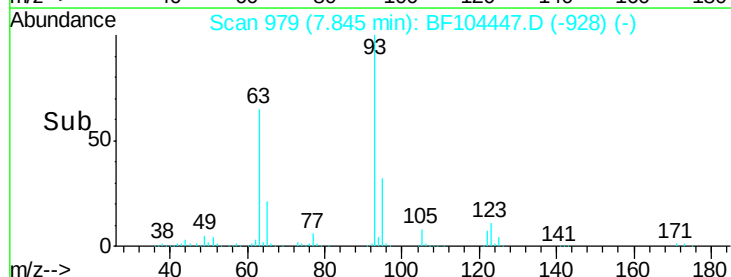
123 11.4 9.8 14.6

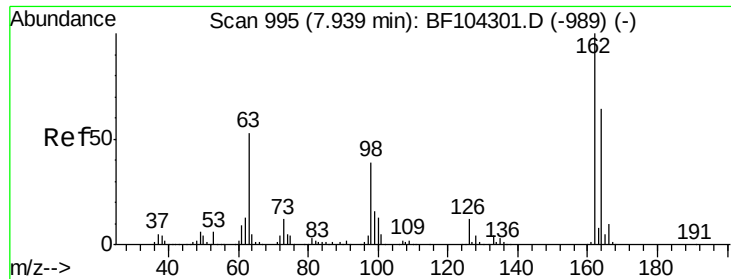


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

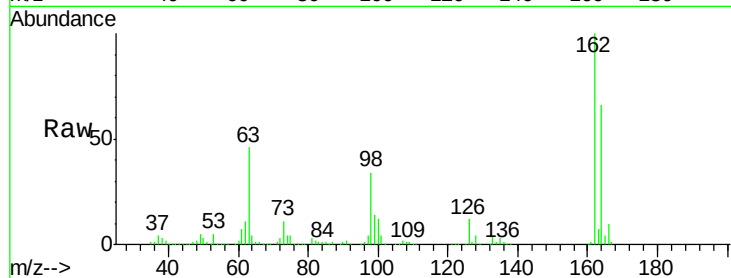




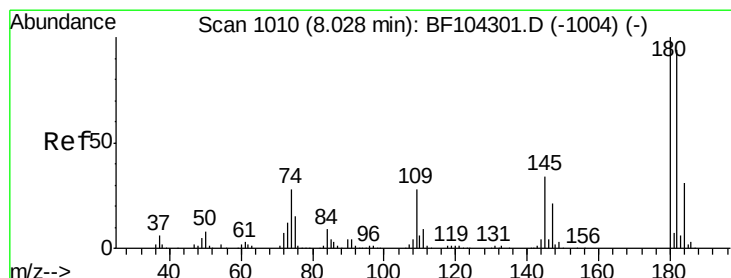
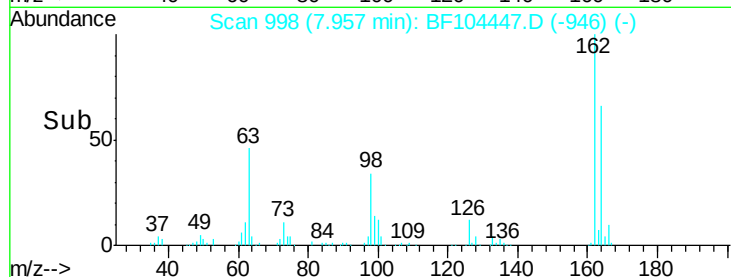
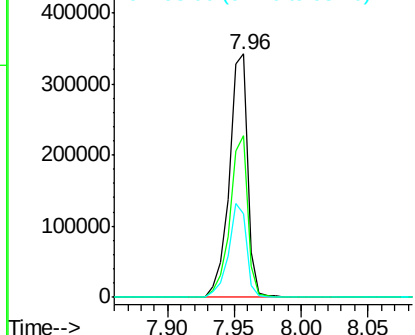
#29
 2,4-Dichlorophenol
 Concen: 43.661 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	42.7	82.7
98	34.2	18.1	58.1

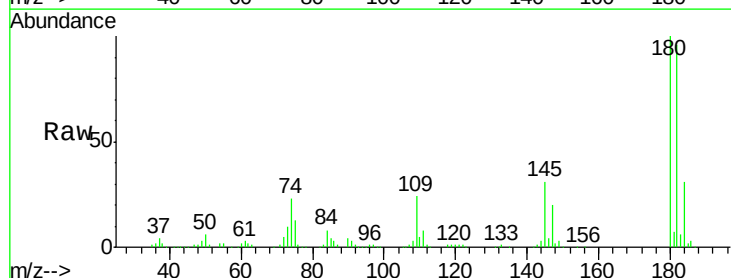


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

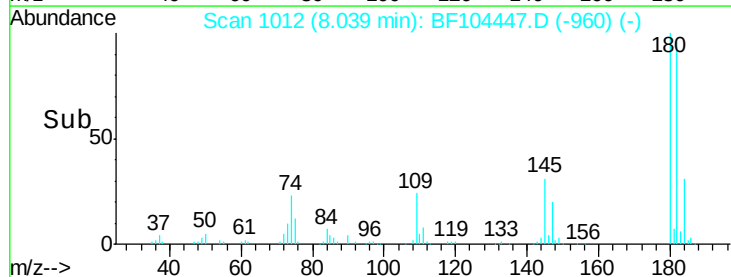
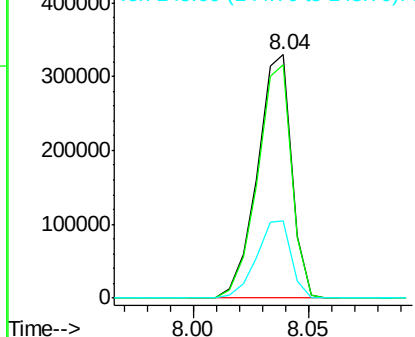


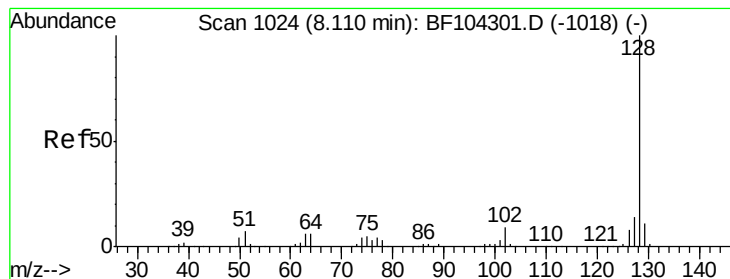
#30
 1,2,4-Trichlorobenzene
 Concen: 40.389 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	31.5	26.5	39.7



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





#31

Naphthalene

Concen: 40.212 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampled :

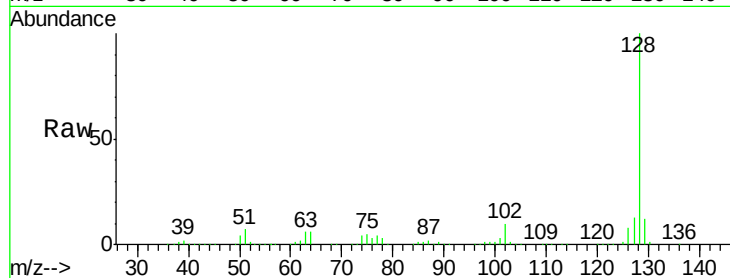
Tot Ion:128 Resp: 1129348

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

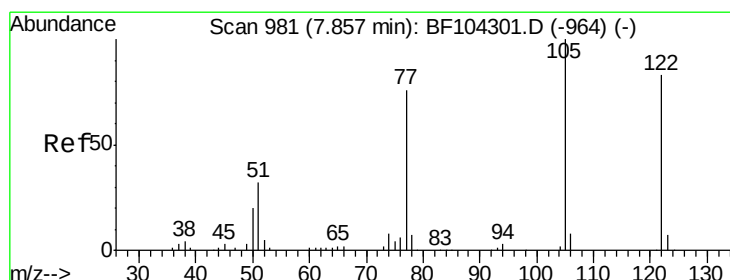
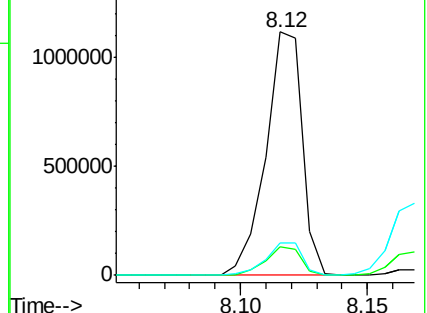
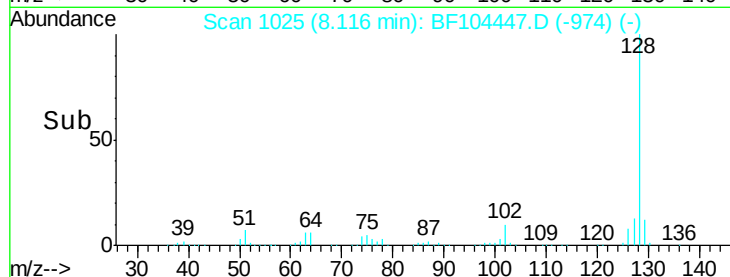
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.528 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

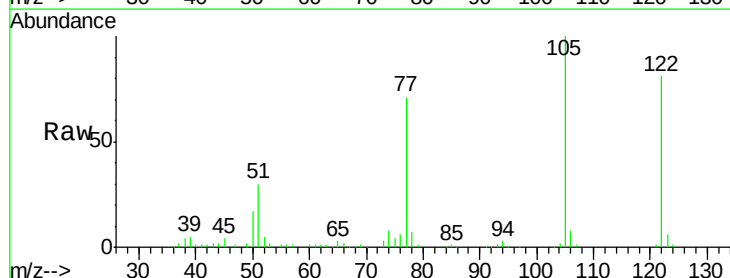
Tgt Ion:122 Resp: 273527

Ion Ratio Lower Upper

122 100

105 123.5 101.1 141.1

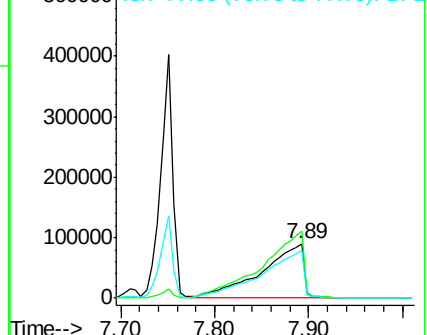
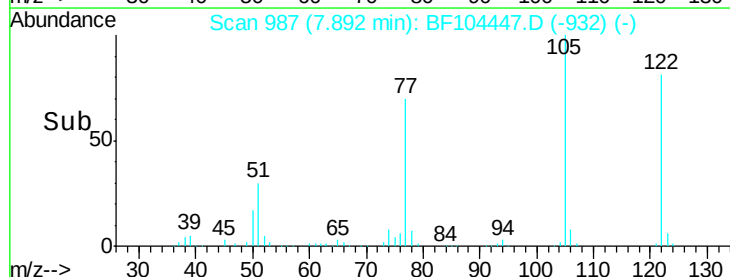
77 87.4 70.7 110.7

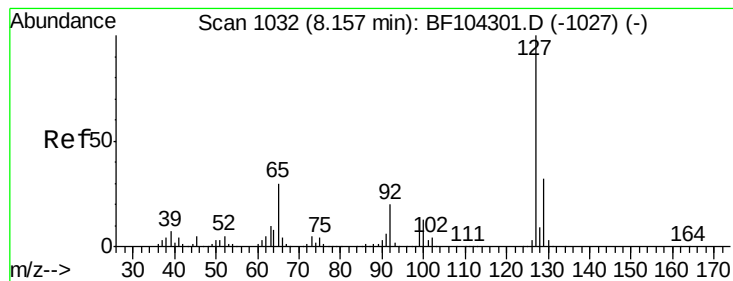


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.821 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 322706

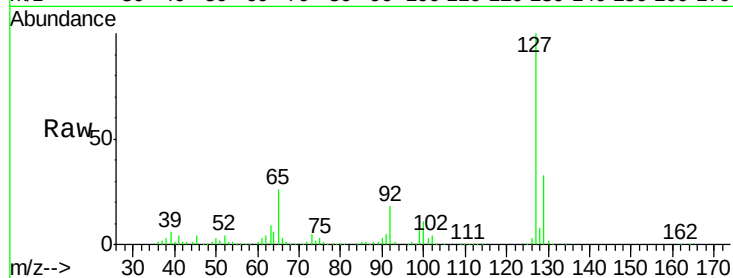
Ion Ratio Lower Upper

127 100

129 32.8 25.9 38.9

65 26.1 25.0 37.4

92 18.0 15.2 22.8

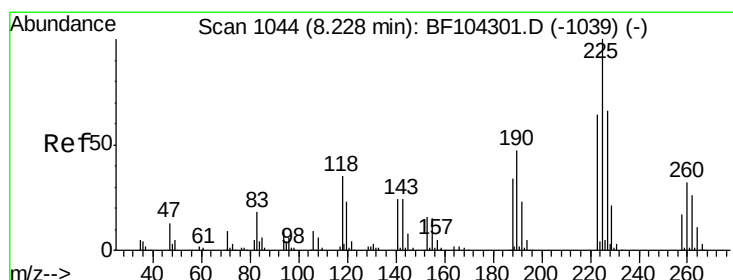
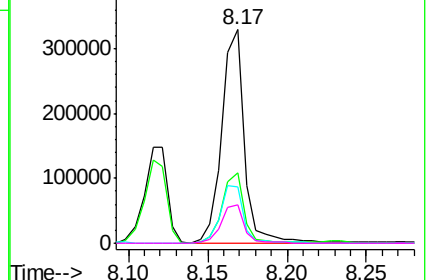
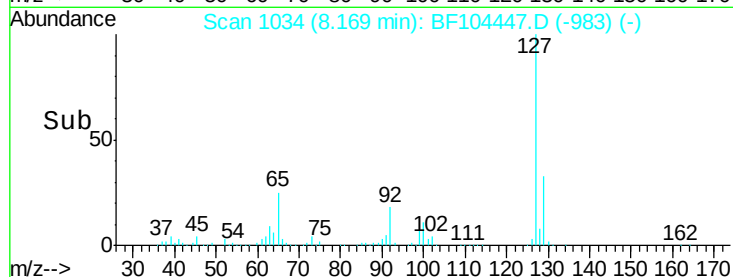


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.797 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

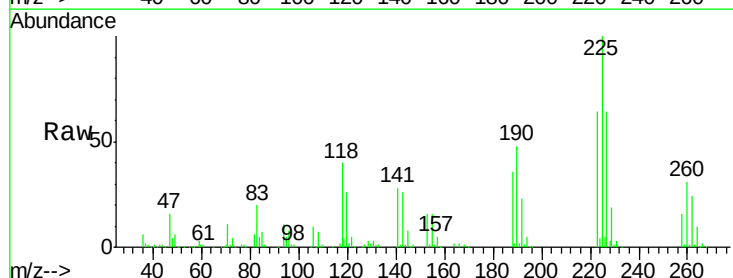
Tgt Ion:225 Resp: 184001

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

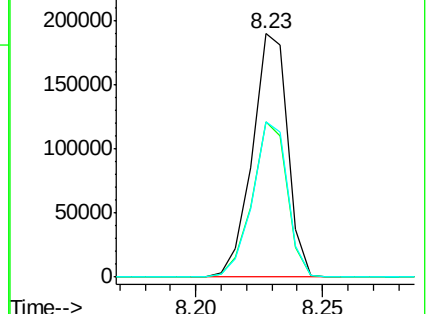
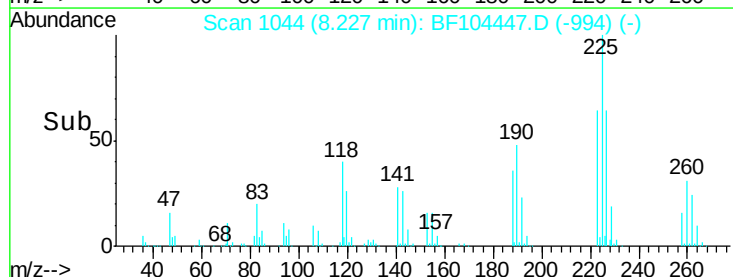
227 63.6 51.9 77.9

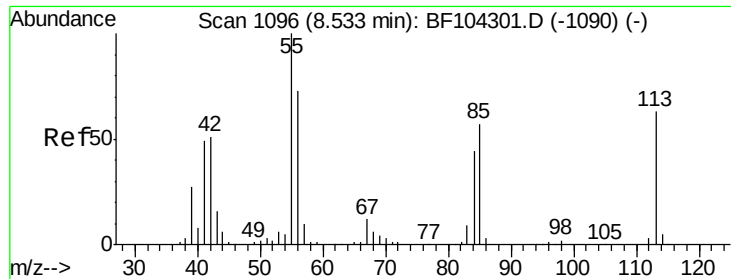


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.533 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

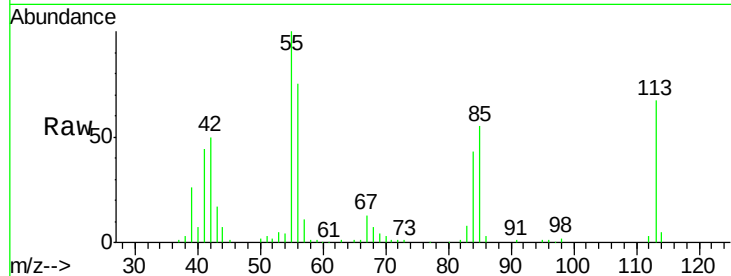
Tot Ion:113 Resp: 81923

Ion Ratio Lower Upper

113 100

55 148.9 163.3 203.3#

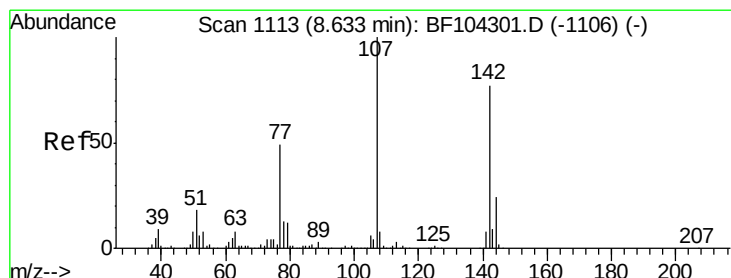
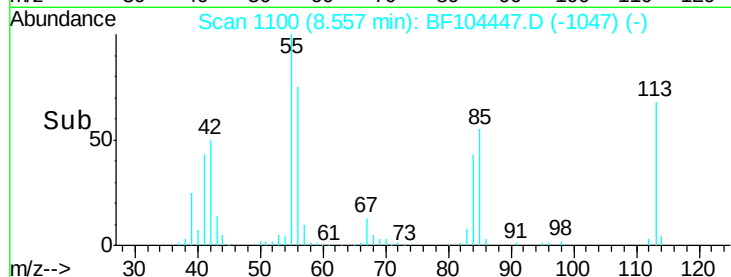
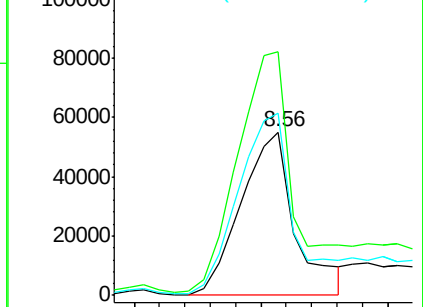
56 111.5 115.7 155.7#



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: 43.665 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

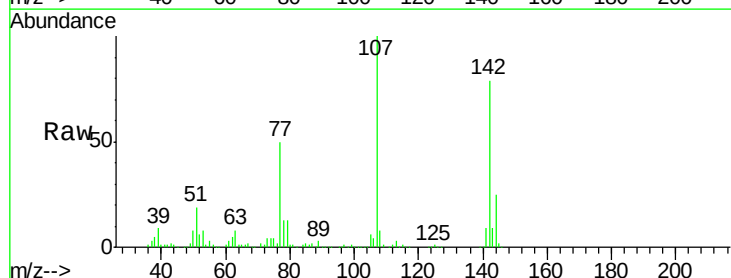
Tgt Ion:107 Resp: 360113

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

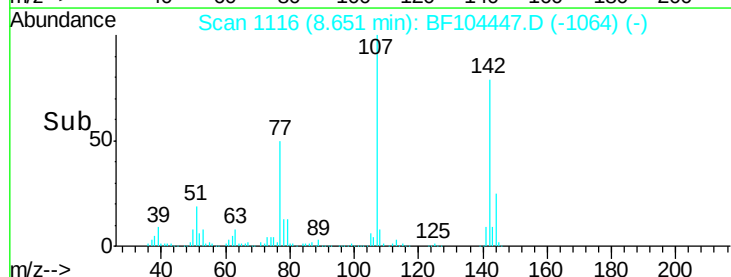
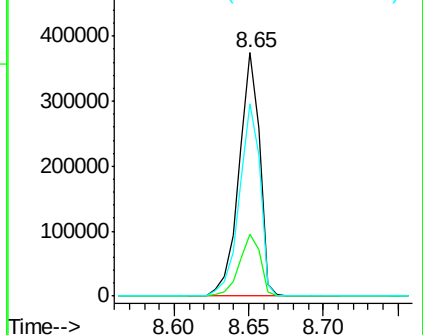
142 79.1 62.0 93.0

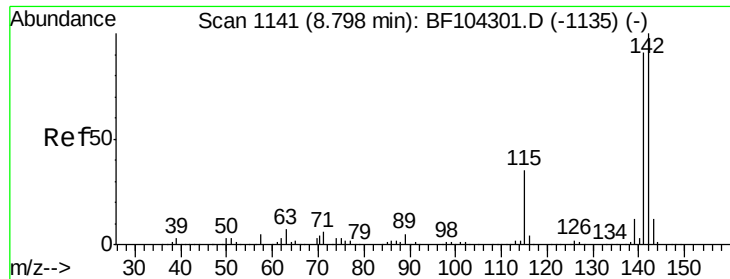


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

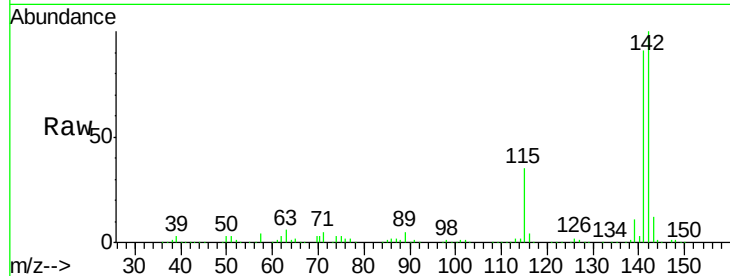




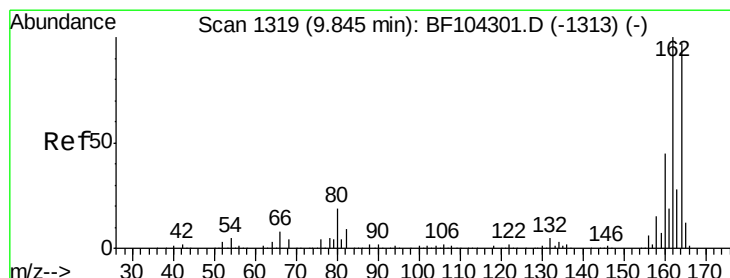
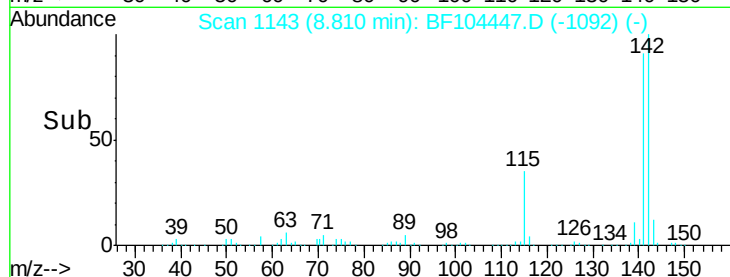
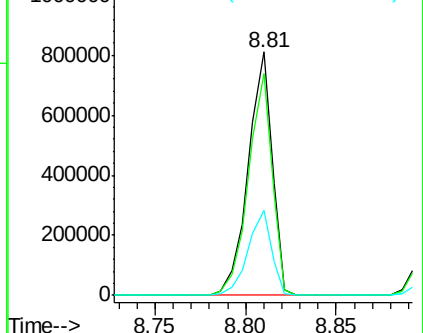
#37
2-Methylnaphthalene
Concen: 41.073 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 746158
Ion Ratio Lower Upper
142 100
141 91.3 70.8 106.2
115 34.7 26.1 39.1

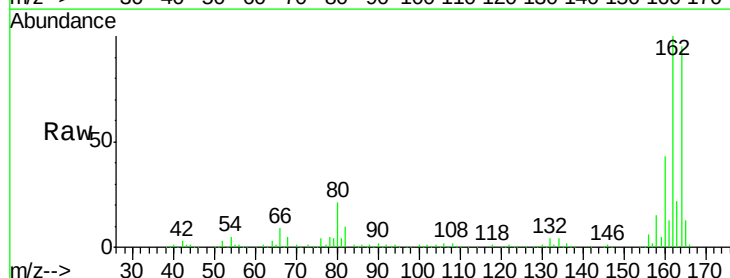


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

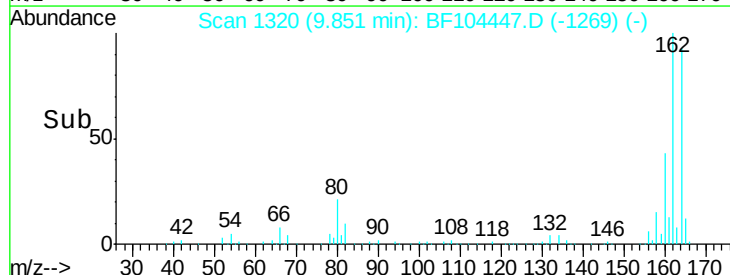
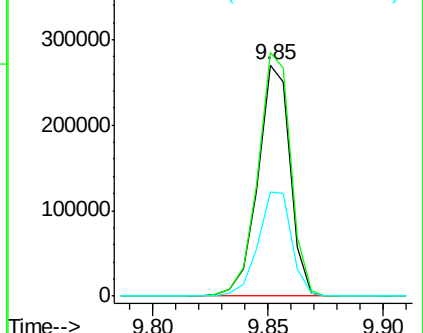


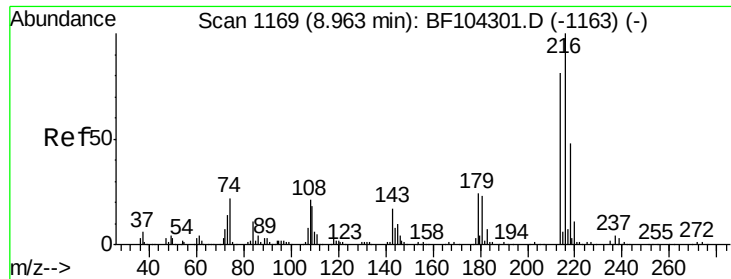
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:164 Resp: 262852
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 44.9 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: 42.640 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 320837

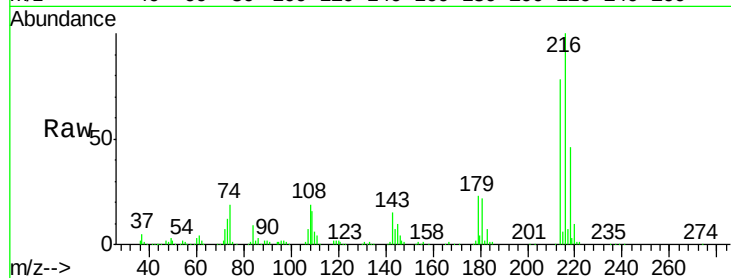
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.5 18.1 27.1

108 22.8 17.2 25.8

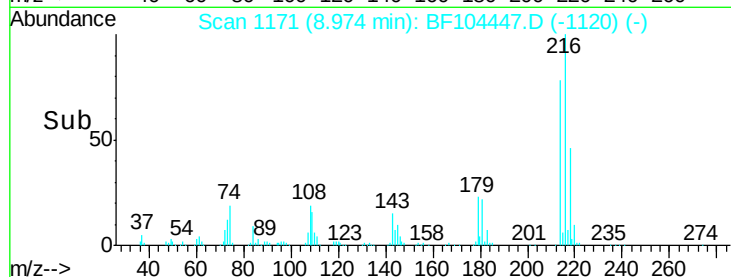


Abundance Ion 216.00 (215.70 to 216.70): E

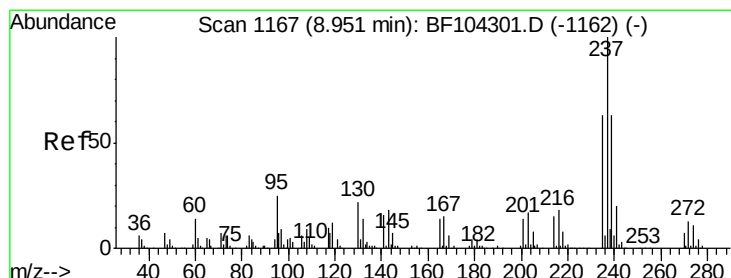
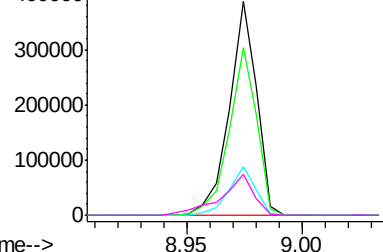
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 88.189 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

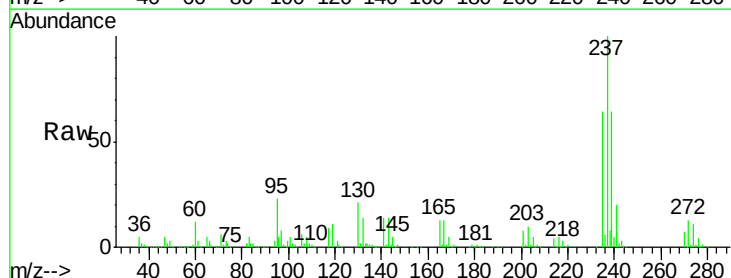
Tgt Ion:237 Resp: 371486

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

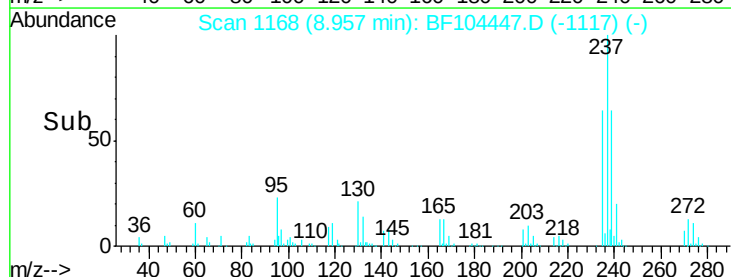
272 13.3 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

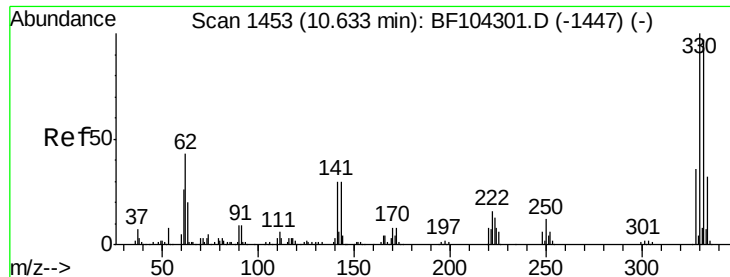
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

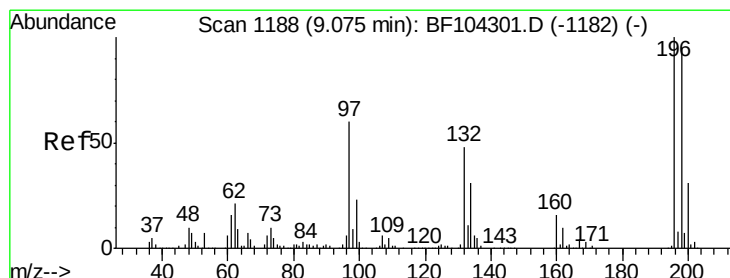
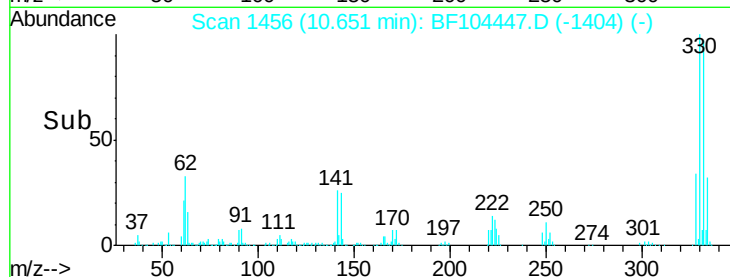
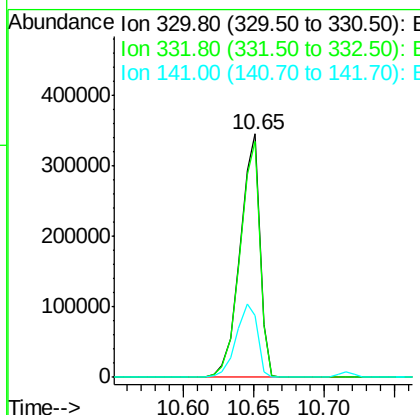
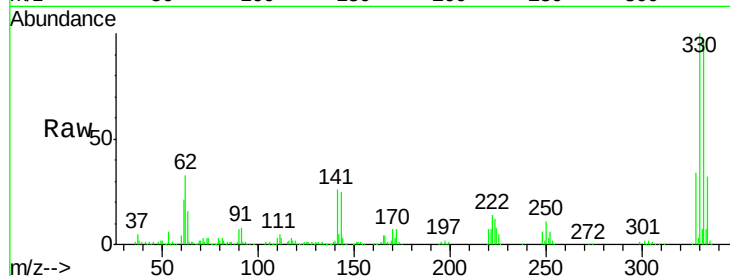




#41
 2,4,6-Tribromophenol
 Concen: 123.744 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

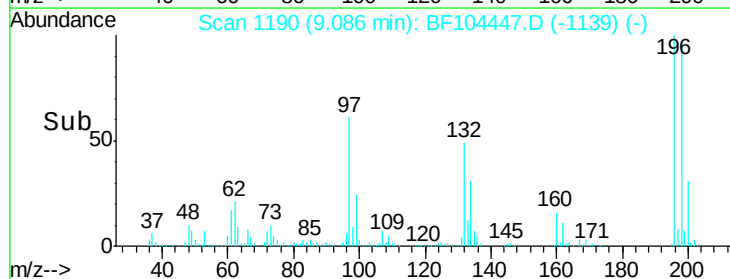
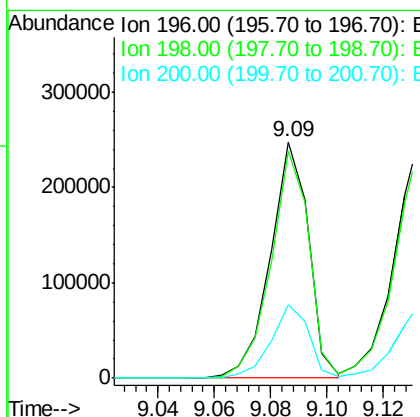
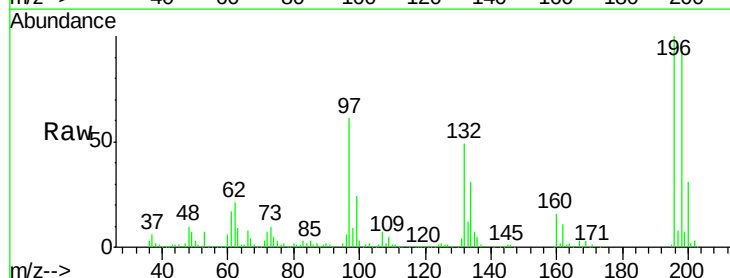
Instrument :
 BNA_F
 ClientSampleId :

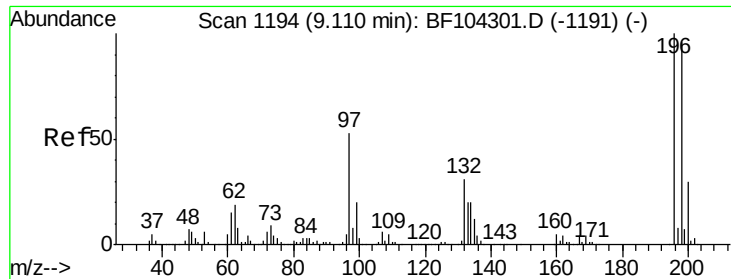
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.585 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	30.8	24.5	36.7

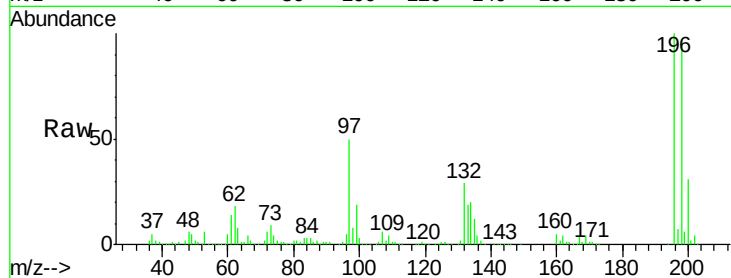




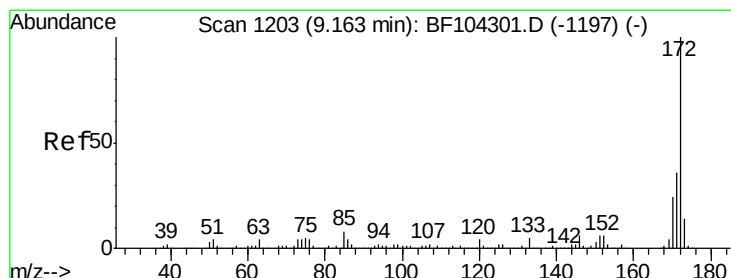
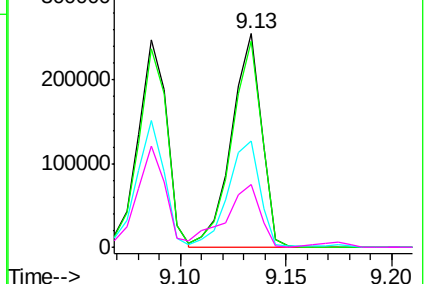
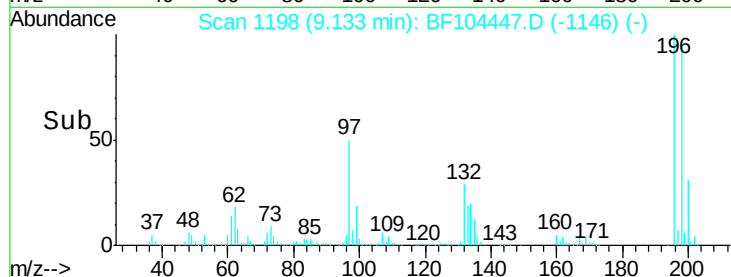
#43
 2,4,5-Trichlorophenol
 Concen: 42.867 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	250560
Ion Ratio	Lower	Upper
196	100	
198	96.6	74.6 112.0
97	49.8	42.9 64.3
132	29.5	26.3 39.5

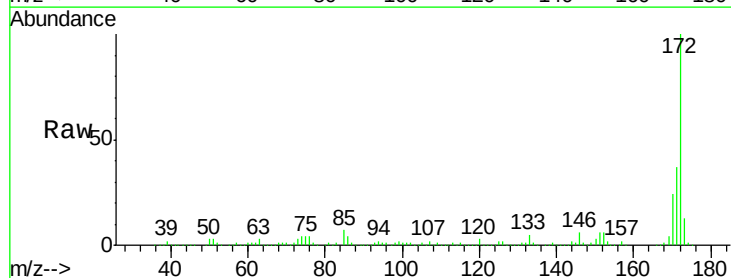


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

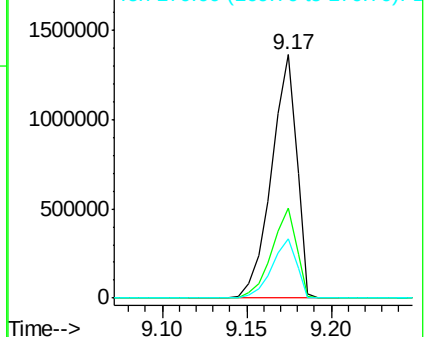
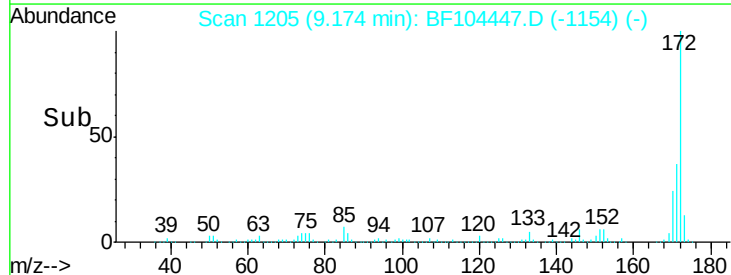


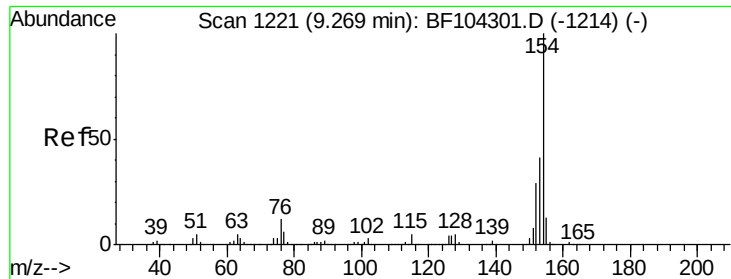
#44
 2-Fluorobiphenyl
 Concen: 84.850 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion:172	Resp:	1411806
Ion Ratio	Lower	Upper
172	100	
171	36.8	29.7 44.5
170	24.4	19.6 29.4



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

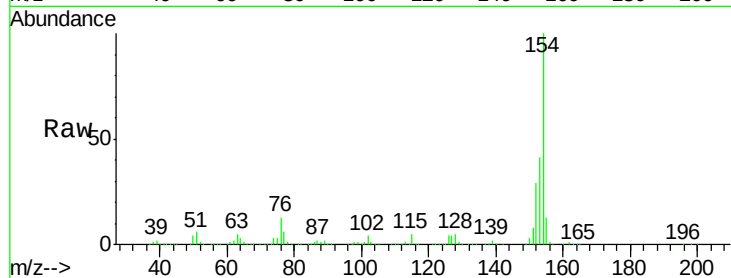




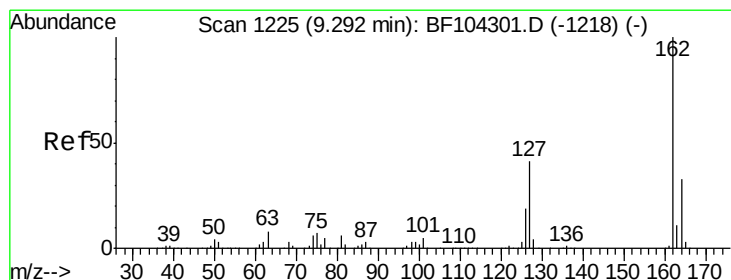
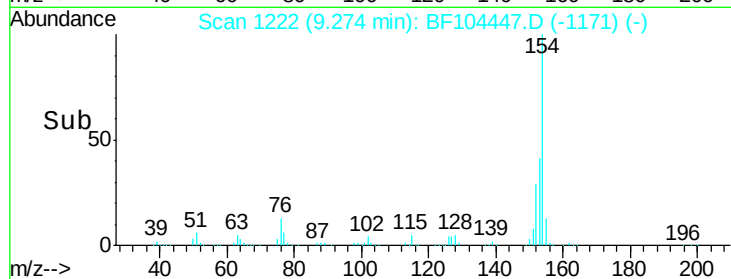
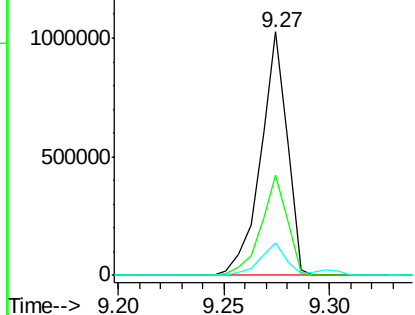
#45
 1,1'-Biphenyl
 Concen: 40.293 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	13.4	0.0	34.0

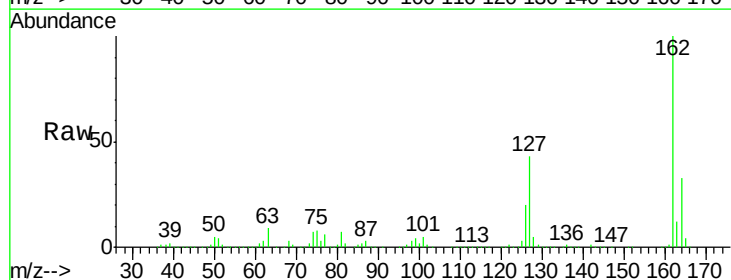


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

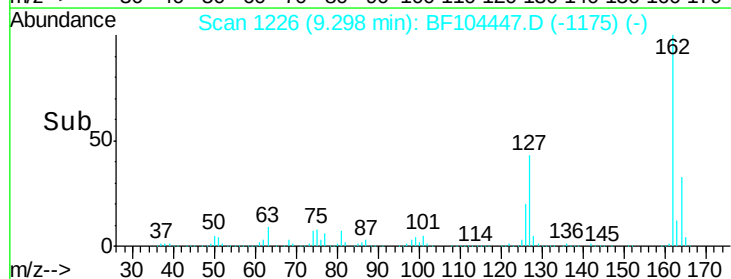
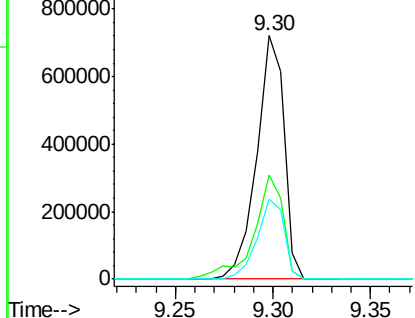


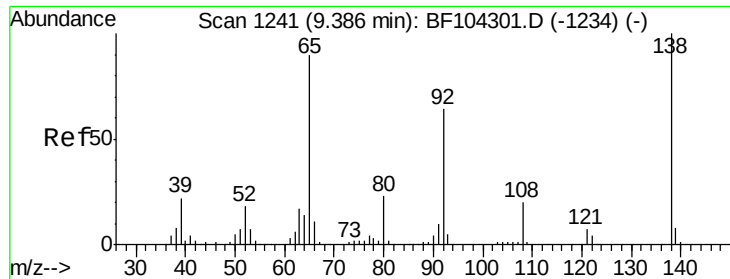
#46
 2-Chloronaphthalene
 Concen: 40.138 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.9	50.9
164	32.7	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

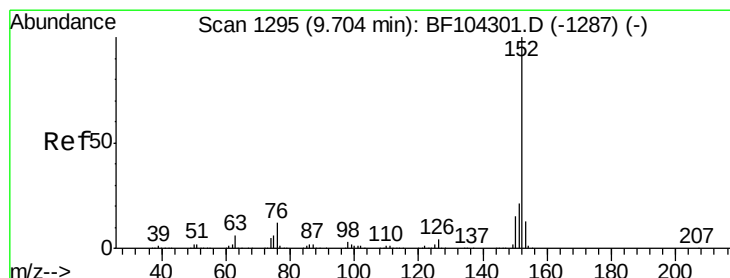
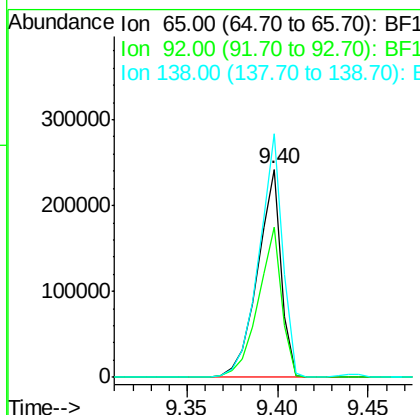
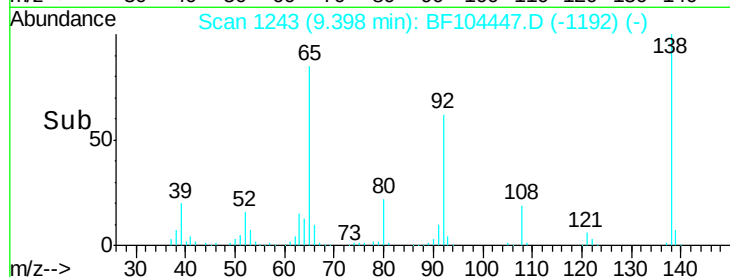
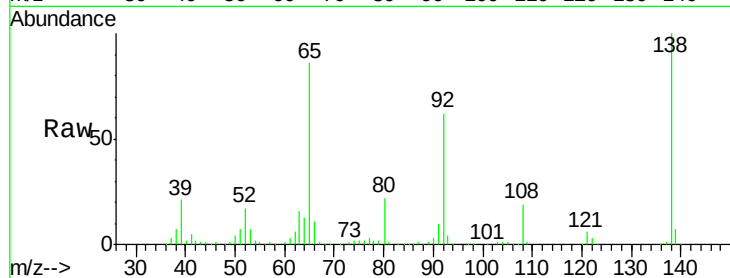




#47
 2-Nitroaniline
 Concen: 50.946 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

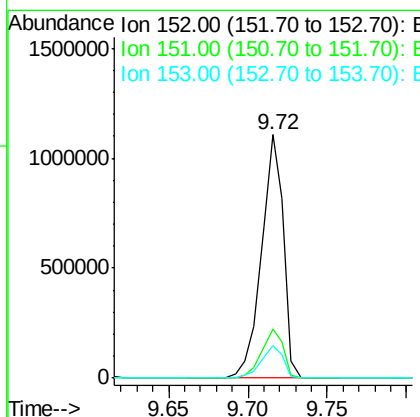
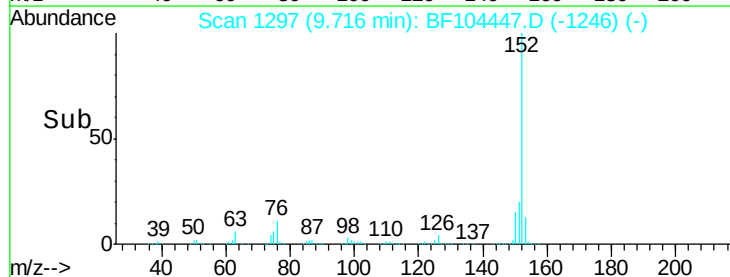
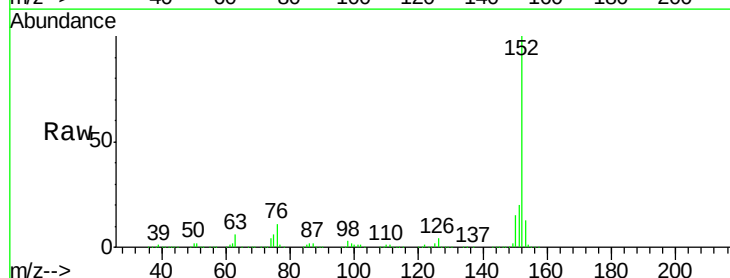
Instrument :
 BNA_F
 ClientSampleId :

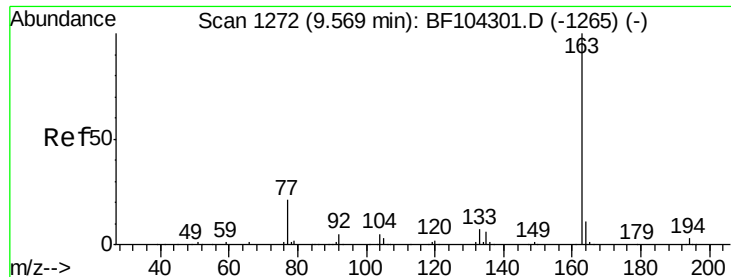
Tot Ion: 65 Resp: 219745
 Ion Ratio Lower Upper
 65 100
 92 72.3 55.8 83.6
 138 116.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.074 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion: 152 Resp: 1069274
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.4 10.7 16.1

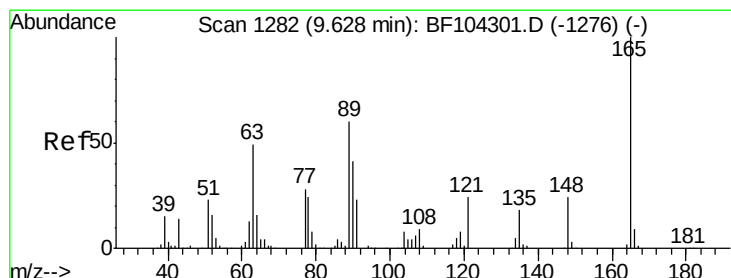
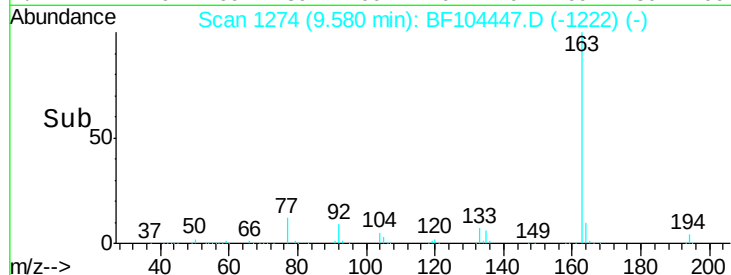
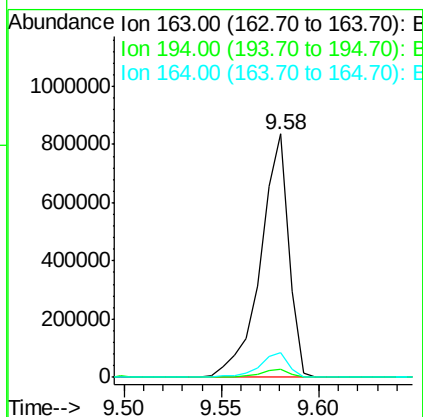
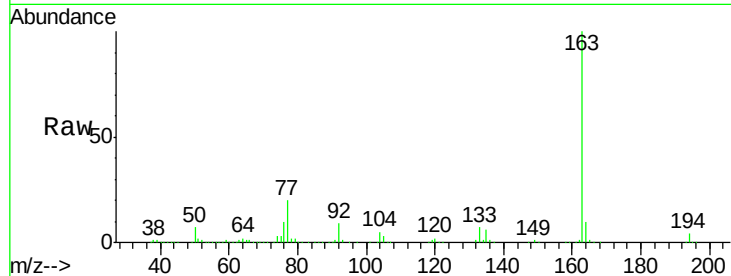




#49
Dimethylphthalate
Concen: 40.413 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

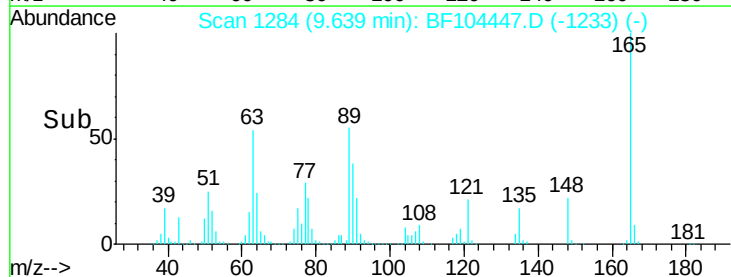
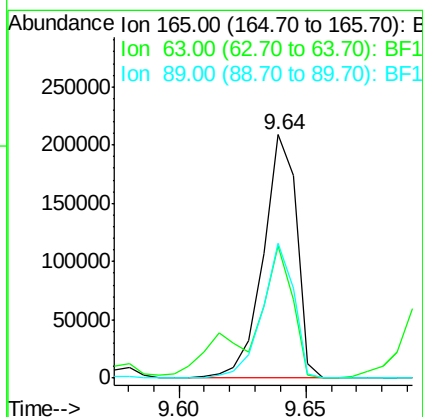
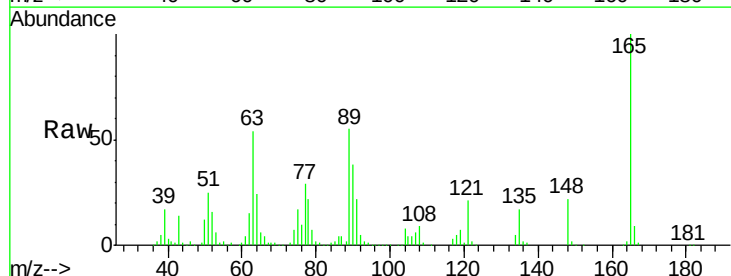
Instrument :
BNA_F
ClientSampleId :

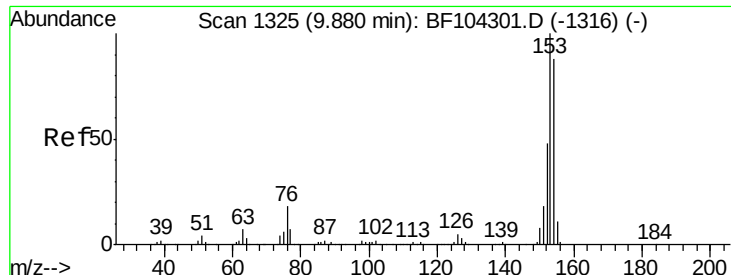
Tot Ion:163 Resp: 837683
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 50.362 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:165 Resp: 193161
Ion Ratio Lower Upper
165 100
63 54.4 44.7 67.1
89 55.2 44.0 66.0





#51

Acenaphthene

Concen: 37.679 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampled :

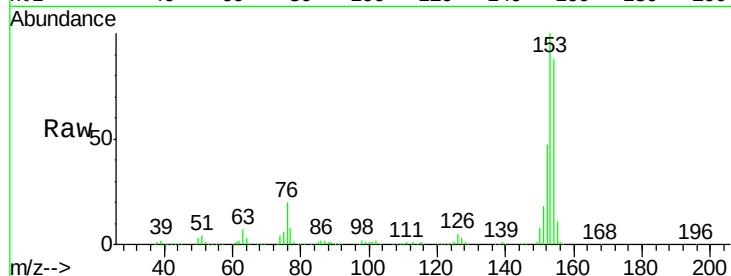
Tot Ion:154 Resp: 629105

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

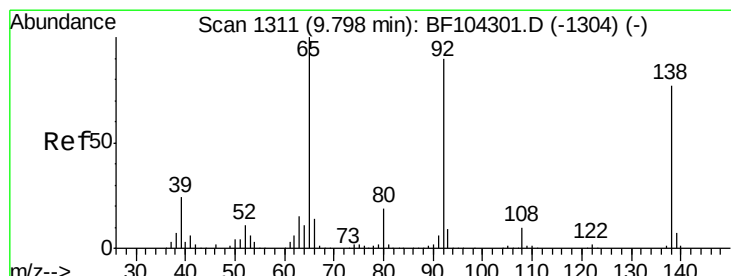
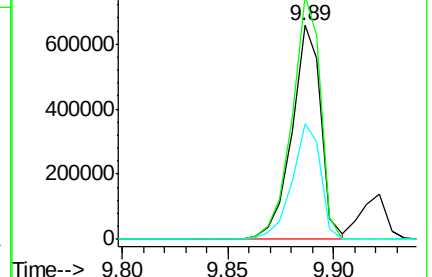
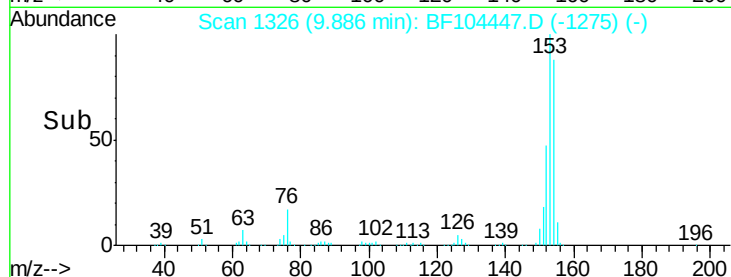
152 54.0 43.8 65.8



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: 33.930 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

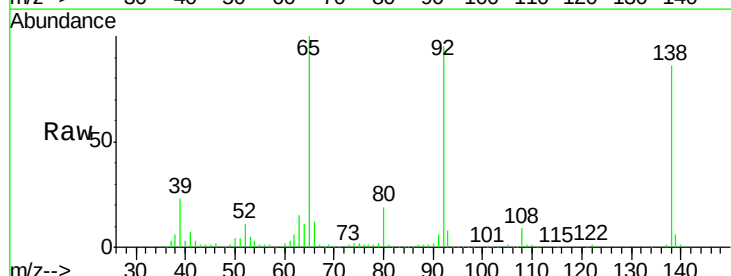
Tgt Ion:138 Resp: 152353

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

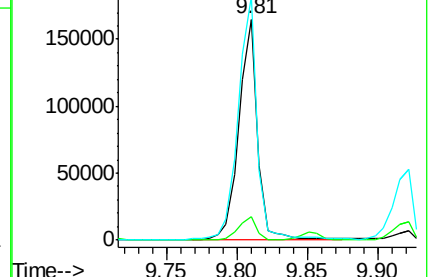
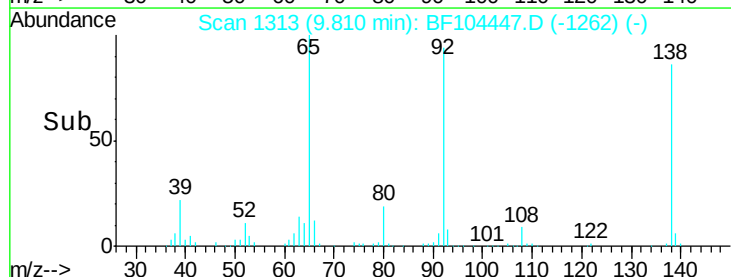
92 110.1 89.4 134.2

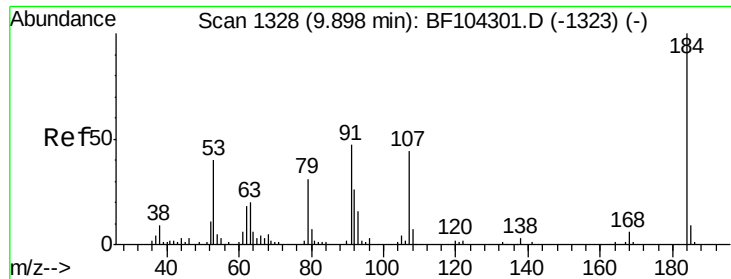


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

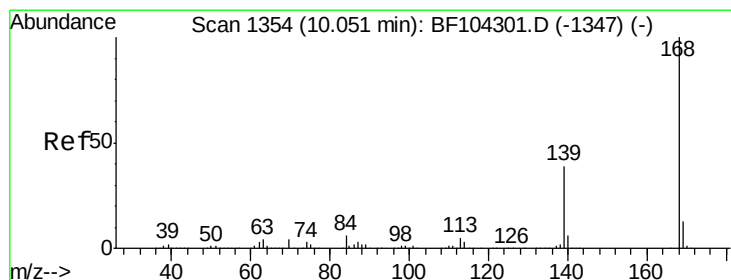
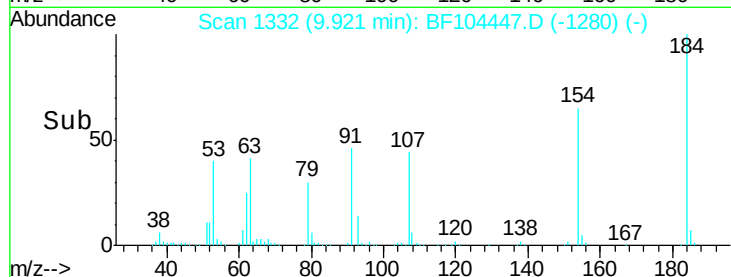
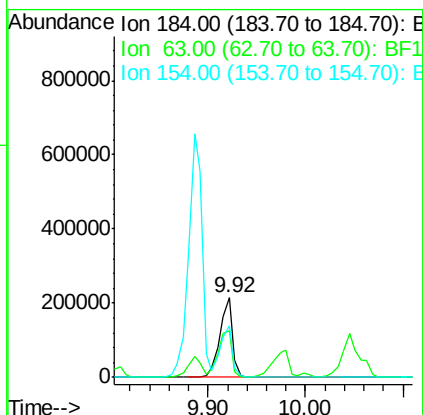
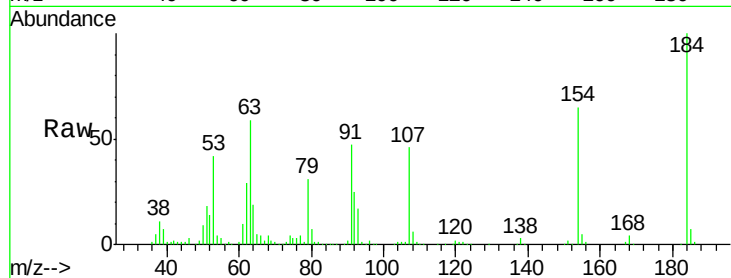




#53
 2,4-Dinitrophenol
 Concen: 106.325 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

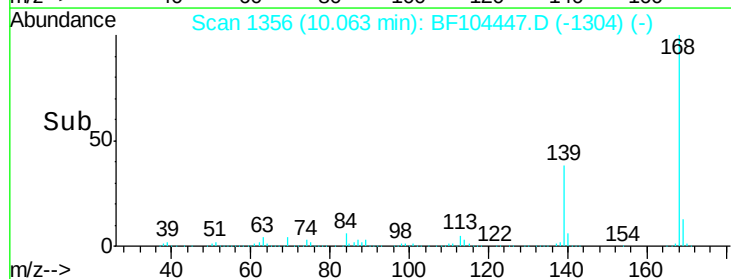
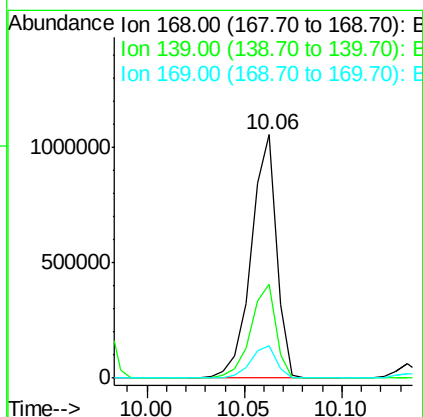
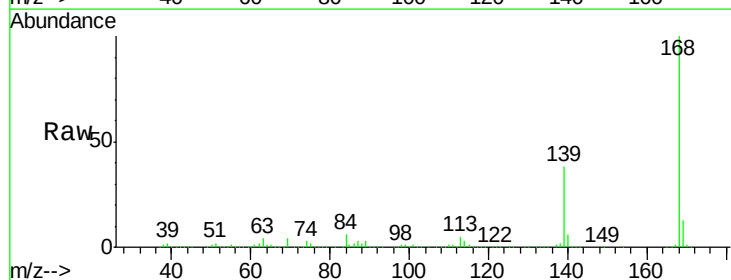
Instrument :
 BNA_F
 ClientSampleId :

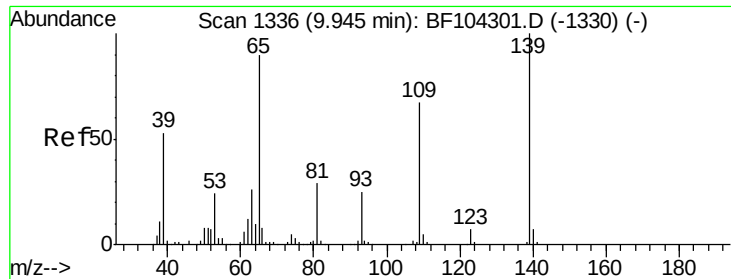
Tot Ion:184 Resp: 194998
 Ion Ratio Lower Upper
 184 100
 63 58.8 54.2 81.2
 154 65.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.766 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion:168 Resp: 948561
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.4 10.9 16.3

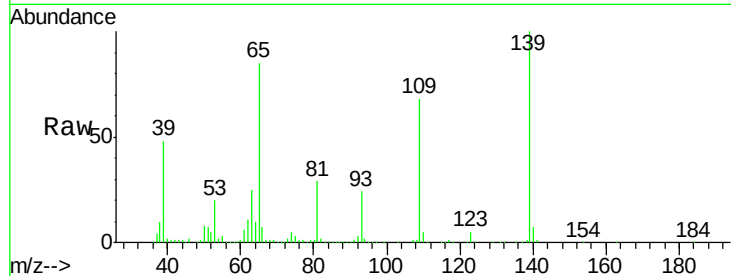




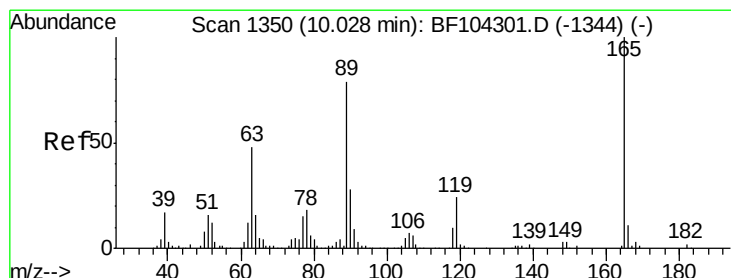
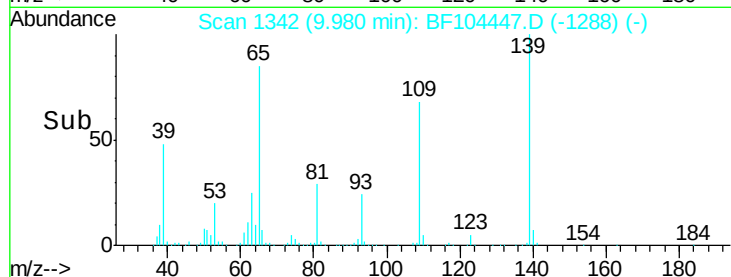
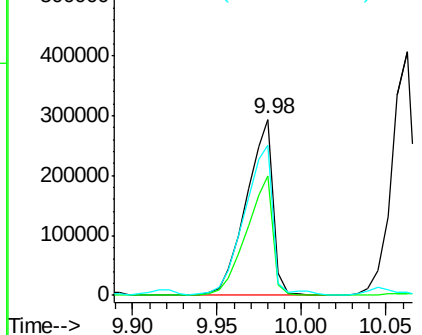
#55
4-Nitrophenol
Concen: 92.479 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 326191
Ion Ratio Lower Upper
139 100
109 67.9 48.4 88.4
65 84.8 72.6 112.6

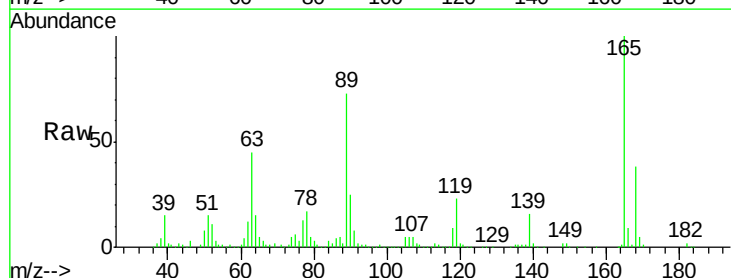


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

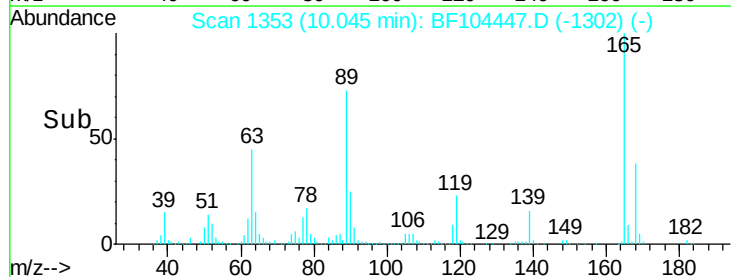
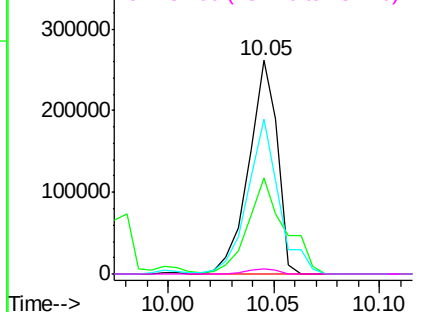


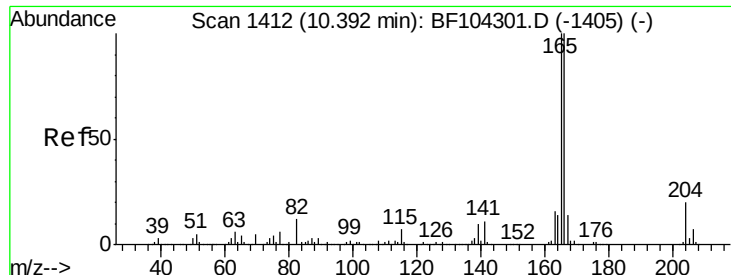
#56
2,4-Dinitrotoluene
Concen: 48.821 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:165 Resp: 245618
Ion Ratio Lower Upper
165 100
63 44.7 36.4 54.6
89 72.7 57.8 86.6
182 2.4 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: 41.979 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampled :

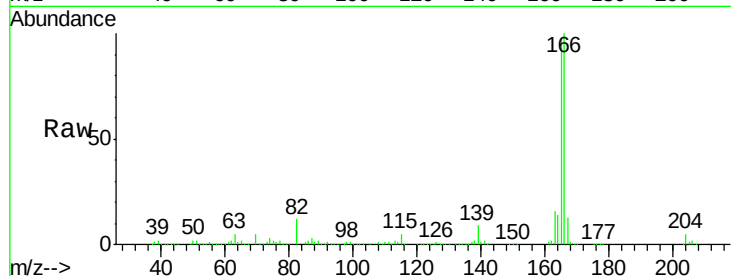
Tot Ion:166 Resp: 710974

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

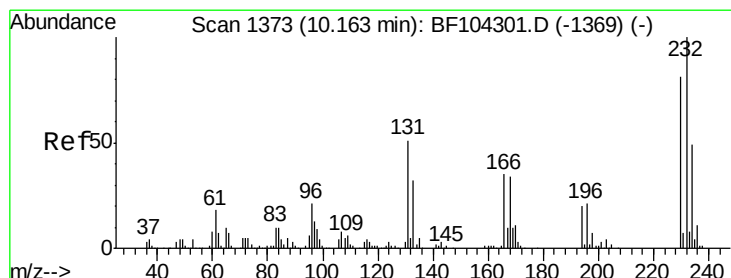
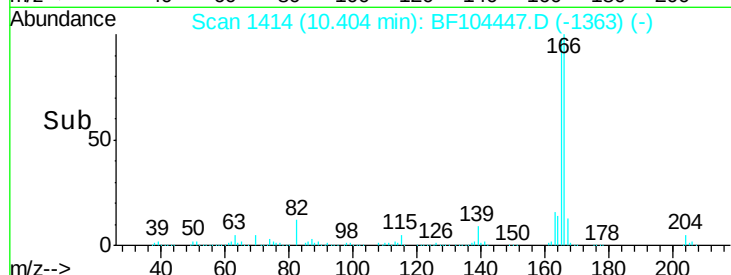
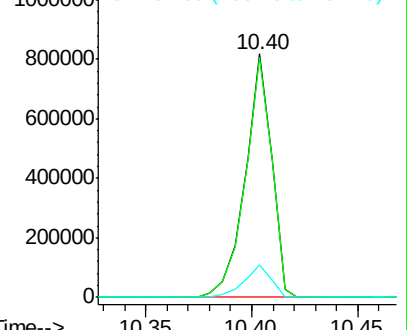
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.924 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Tgt Ion:232 Resp: 195897

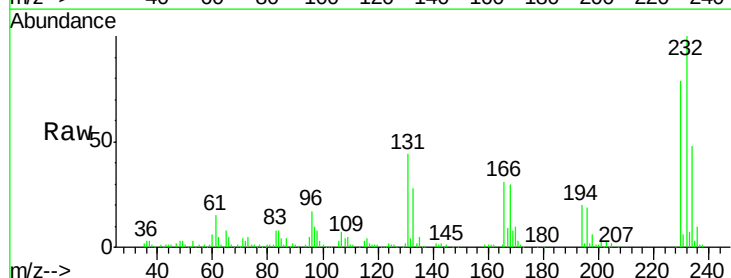
Ion Ratio Lower Upper

232 100

131 50.2 43.8 65.8

130 2.6 2.1 3.1

166 34.0 27.8 41.6

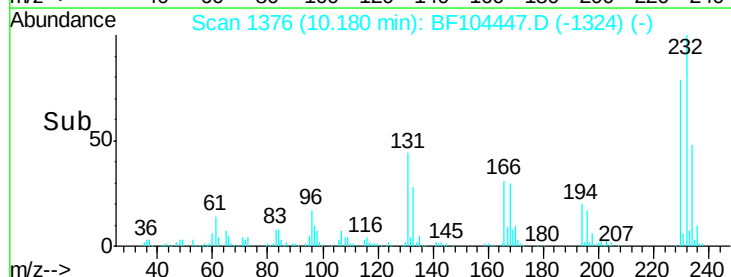
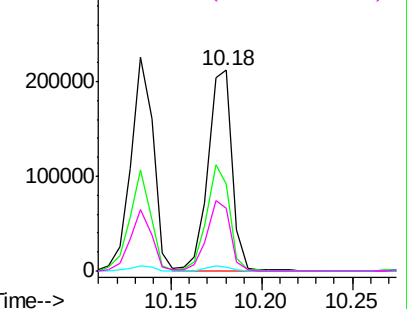


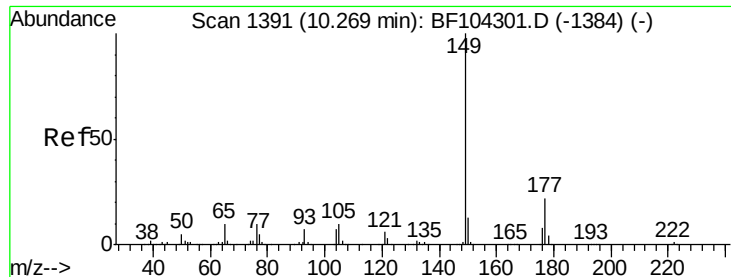
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

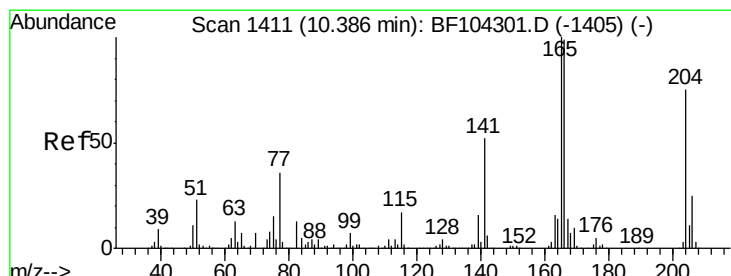
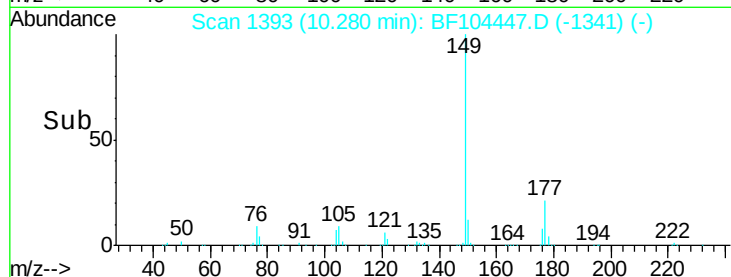
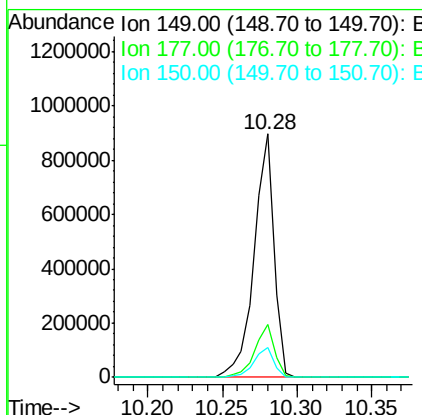
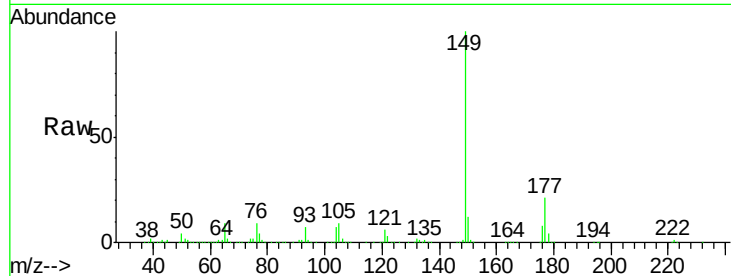




#59
Diethylphthalate
Concen: 39.648 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

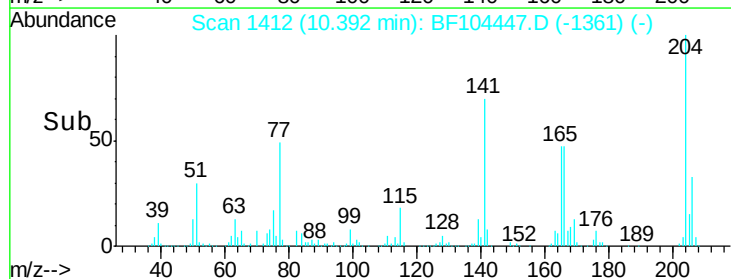
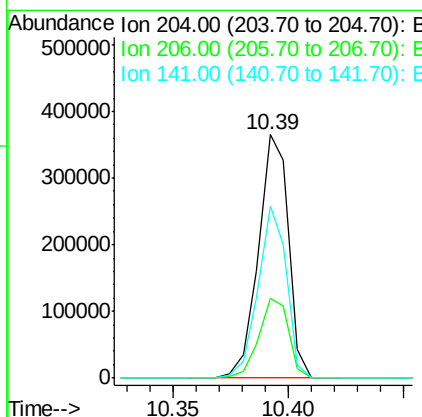
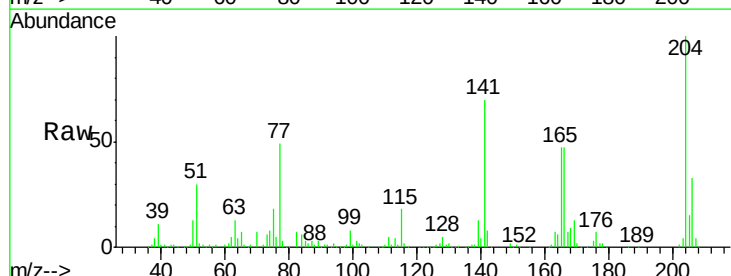
Instrument :
BNA_F
ClientSampled :

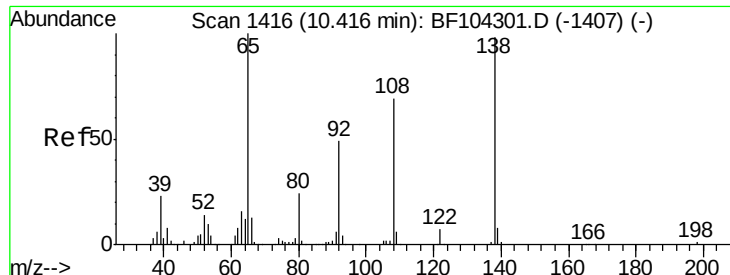
Tot Ion:149 Resp: 818473
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.966 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:204 Resp: 331614
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 70.4 54.6 81.8

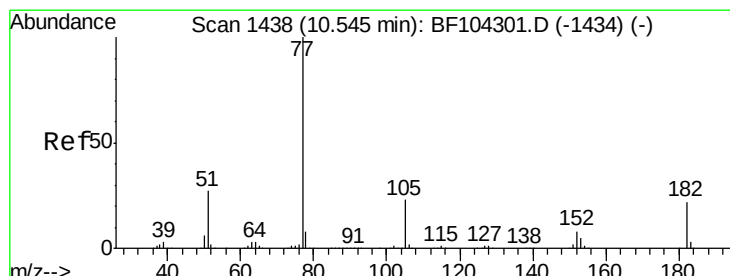
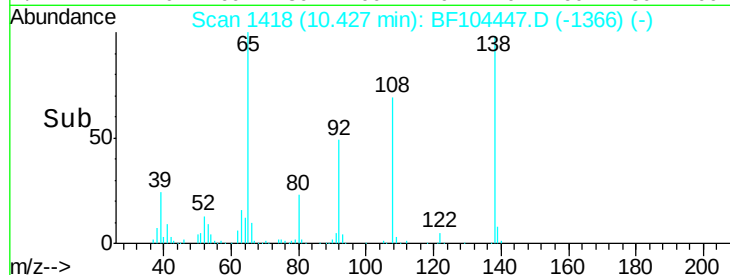
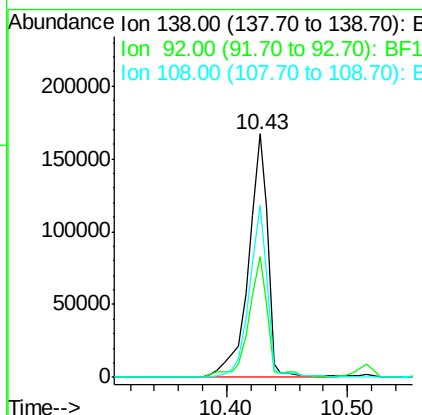
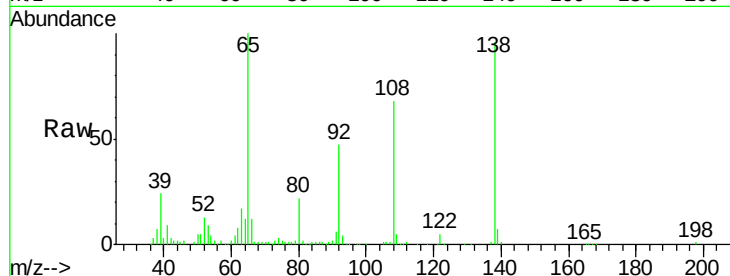




#61
 4-Nitroaniline
 Concen: 42.567 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

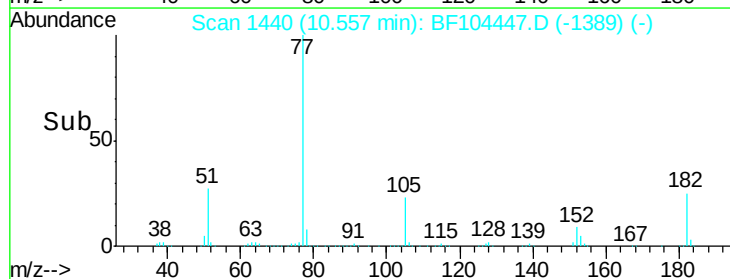
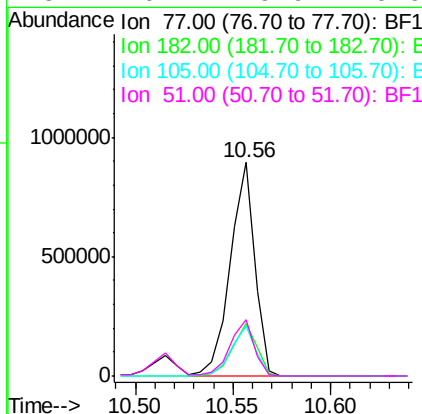
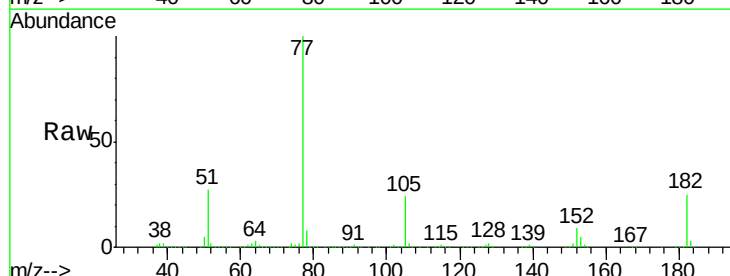
Instrument :
 BNA_F
 ClientSampleId :

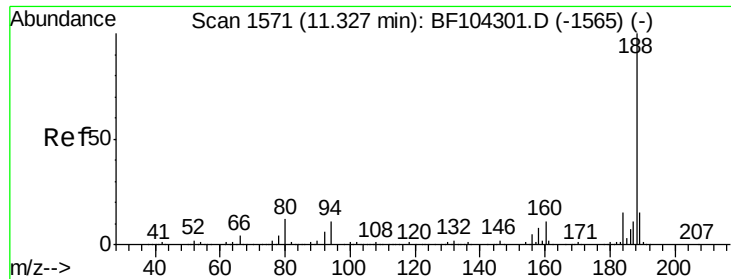
Tot Ion:138 Resp: 186886
 Ion Ratio Lower Upper
 138 100
 92 49.7 30.2 70.2
 108 70.9 52.5 92.5



#62
 Azobenzene
 Concen: 39.276 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion: 77 Resp: 774631
 Ion Ratio Lower Upper
 77 100
 182 24.6 1.7 41.7
 105 23.6 3.0 43.0
 51 26.7 9.9 49.9

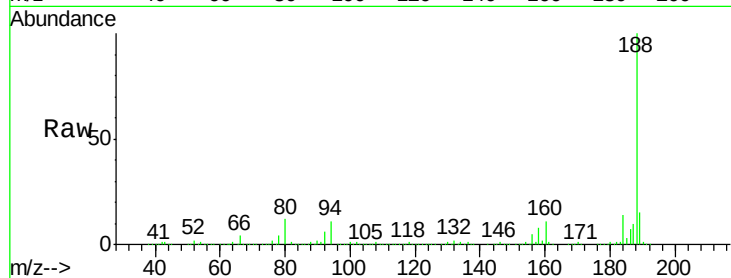




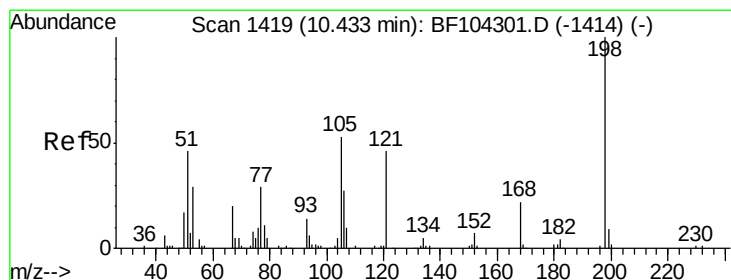
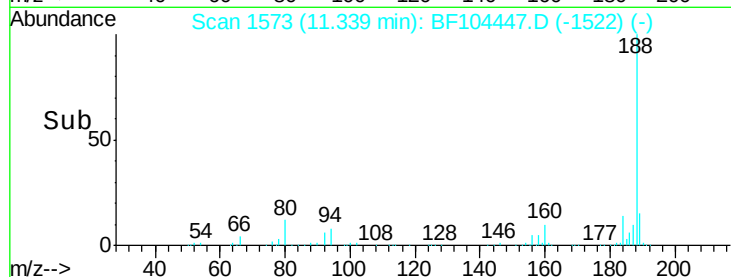
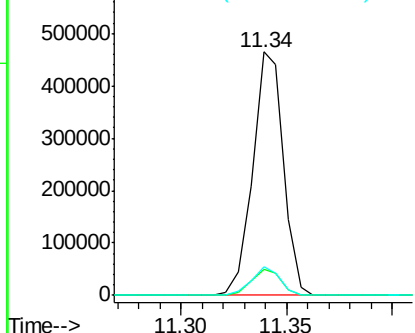
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 468900
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.9 9.2 13.8

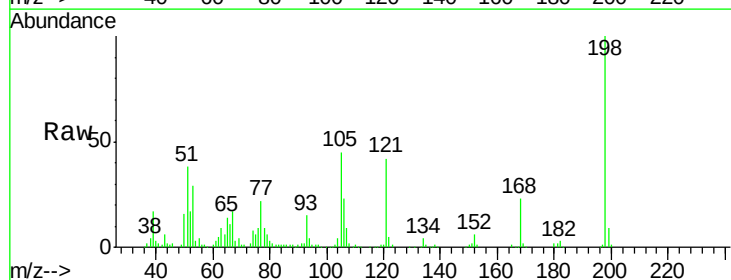


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

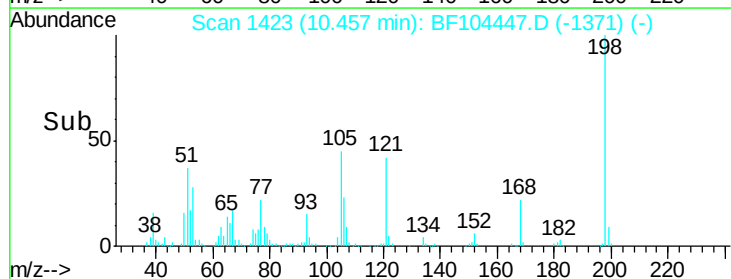
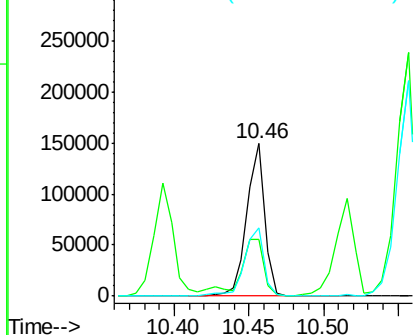


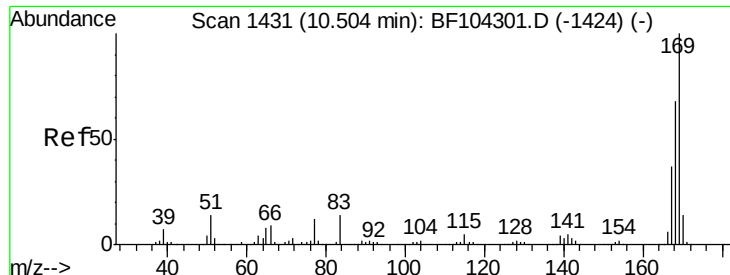
#64
4,6-Dinitro-2-methylphenol
Concen: 53.363 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:198 Resp: 124075
Ion Ratio Lower Upper
198 100
51 37.7 37.7 77.7#
105 44.7 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

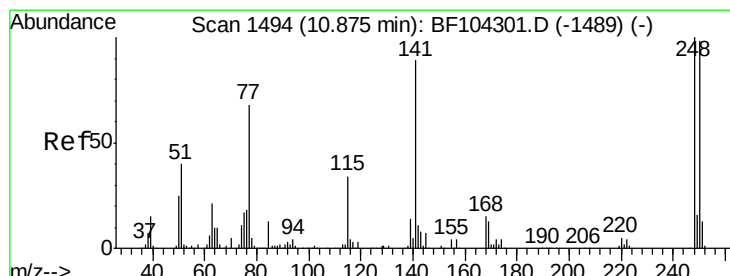
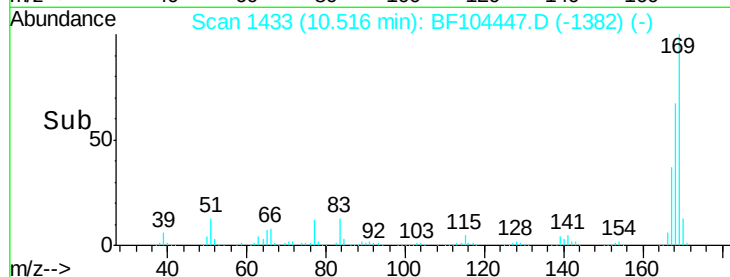
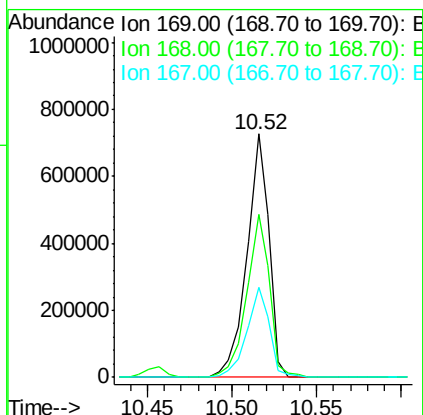
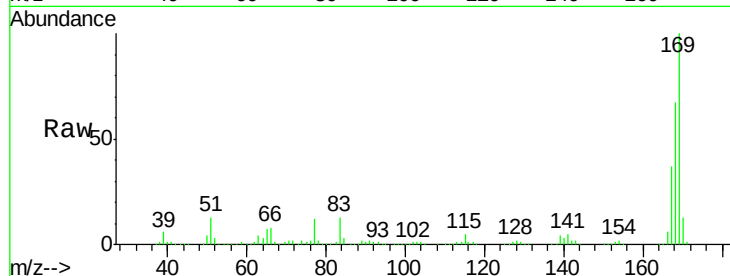




#65
 n-Nitrosodiphenylamine
 Concen: 41.102 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

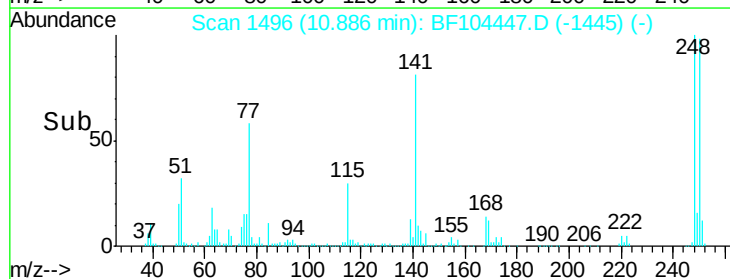
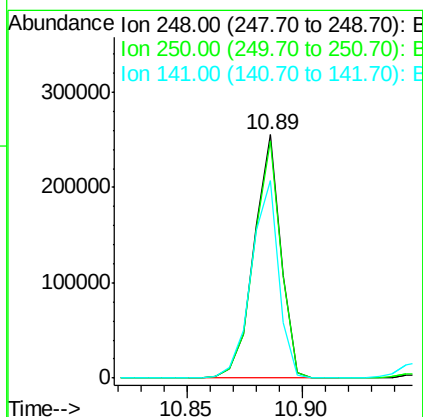
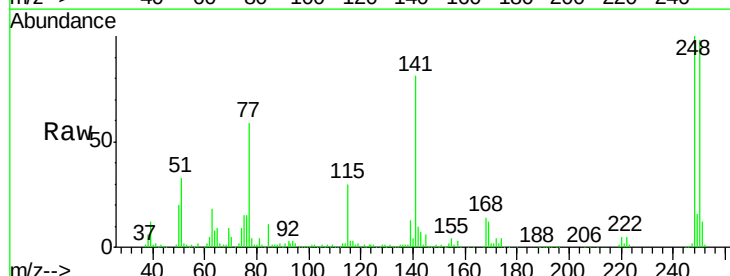
Instrument :
 BNA_F
 ClientSampled :

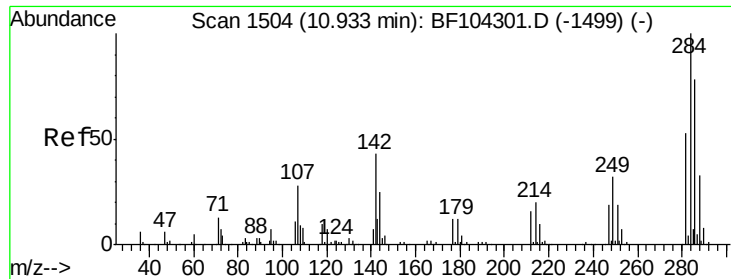
Tot Ion:169 Resp: 668232
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.4 81.6
 167 36.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.622 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion:248 Resp: 207593
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 81.1 74.4 111.6





#67

Hexachlorobenzene

Concen: 41.141 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

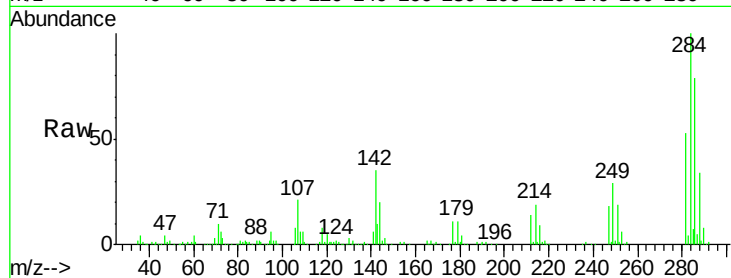
Tot Ion:284 Resp: 230885

Ion Ratio Lower Upper

284 100

142 35.0 34.6 52.0

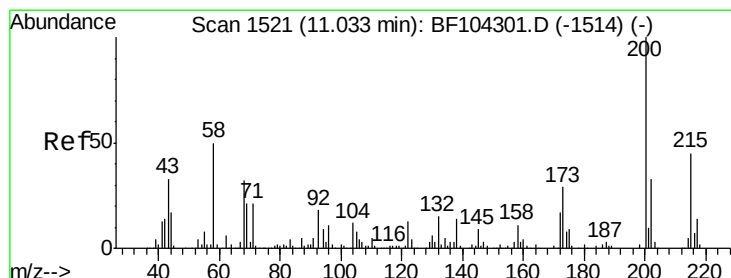
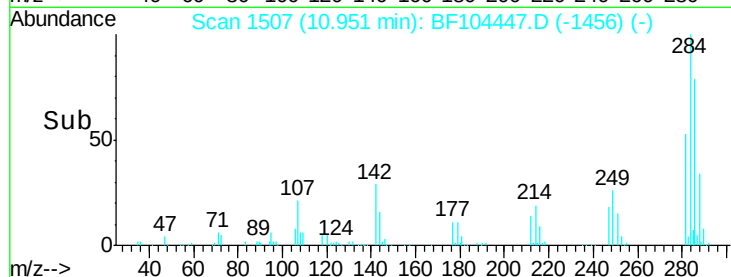
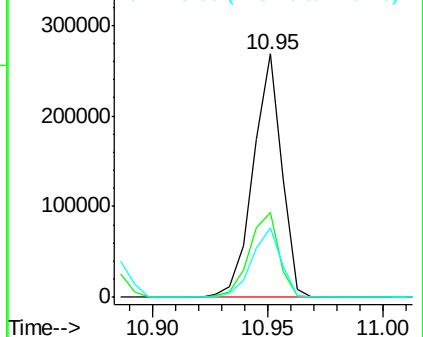
249 28.7 24.8 37.2



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: 43.264 ng

RT: 11.04 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

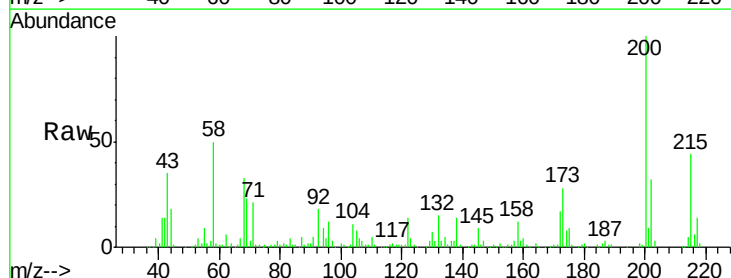
Tgt Ion:200 Resp: 212314

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

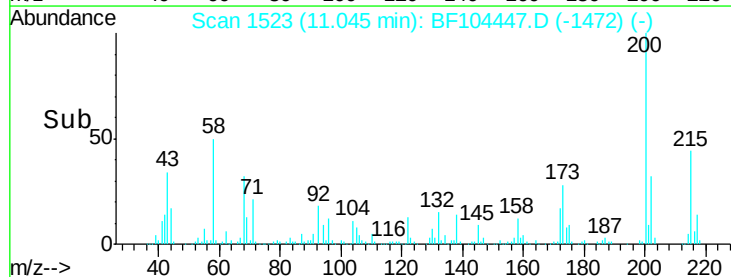
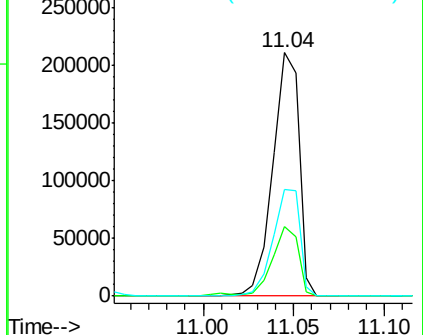
215 43.9 25.1 65.1

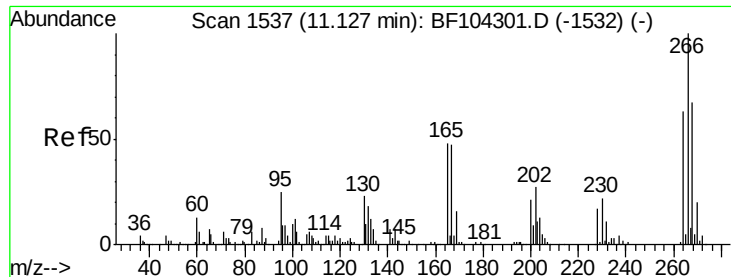


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

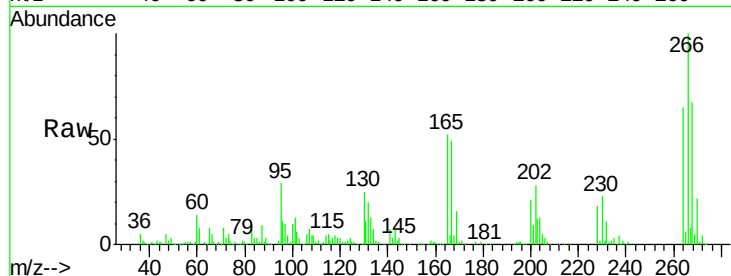




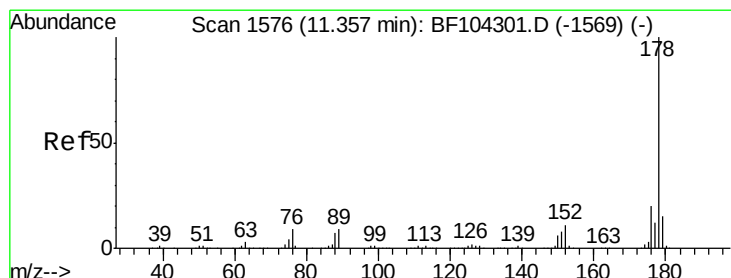
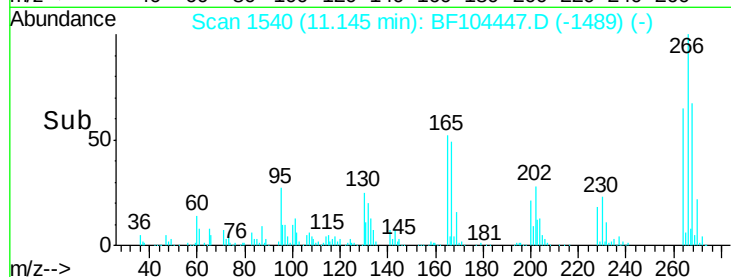
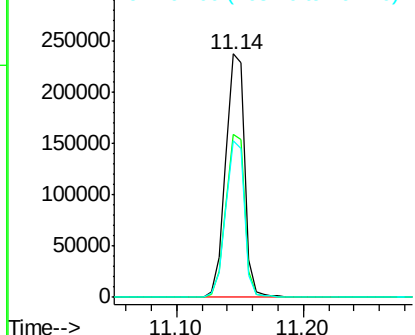
#69
 Pentachlorophenol
 Concen: 70.978 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 246429
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.1 76.7
 264 64.5 49.5 74.3

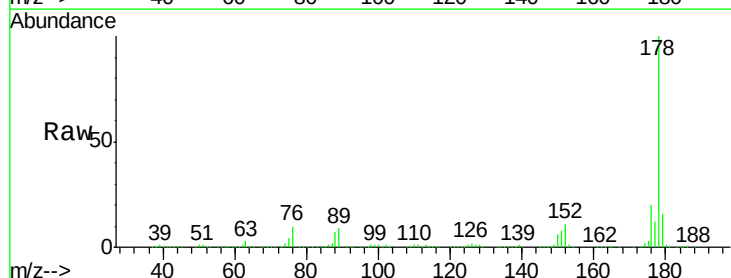


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

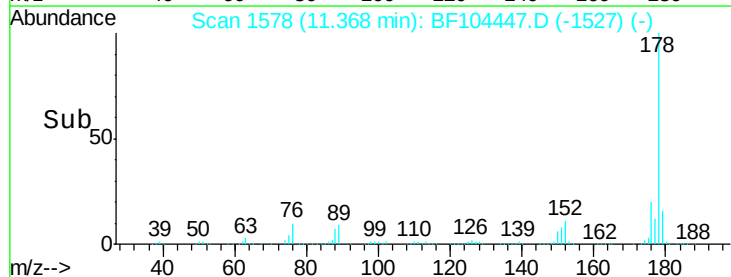
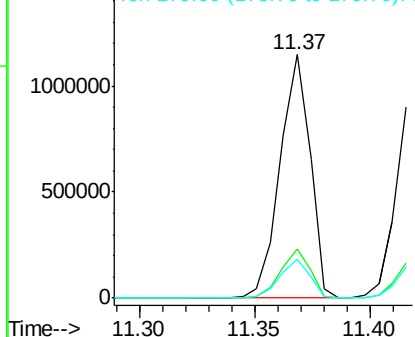


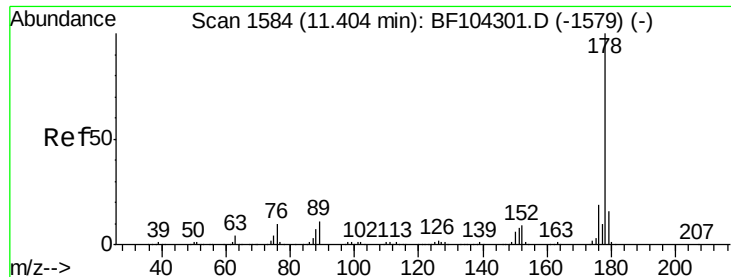
#70
 Phenanthrene
 Concen: 39.584 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion:178 Resp: 1033659
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.7 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

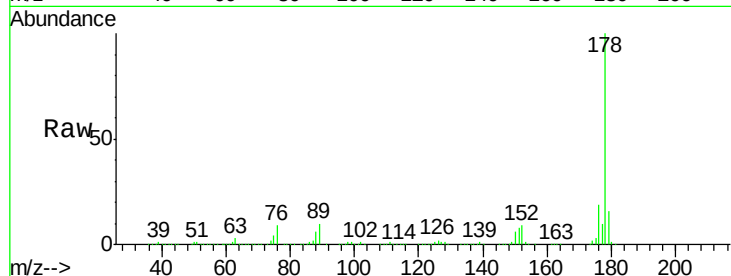




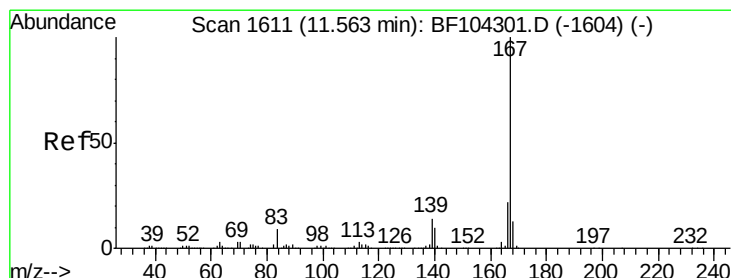
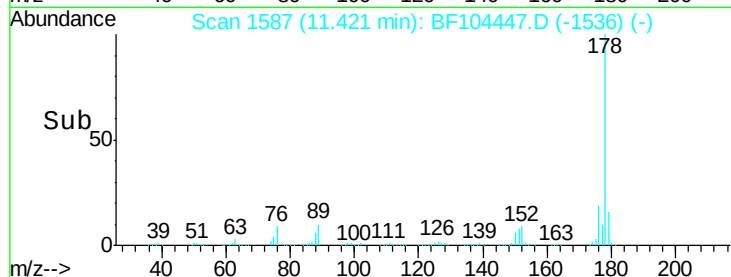
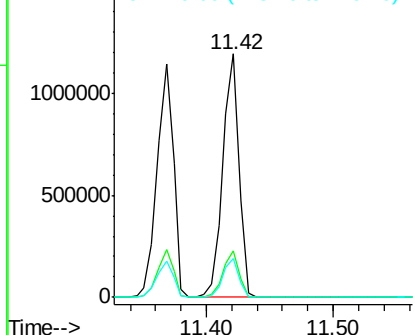
#71
 Anthracene
 Concen: 40.327 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1070449
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.8 12.6 19.0

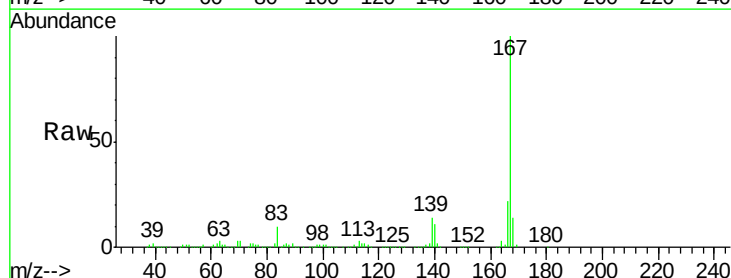


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

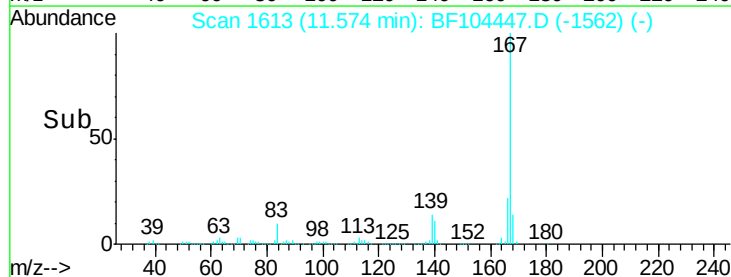
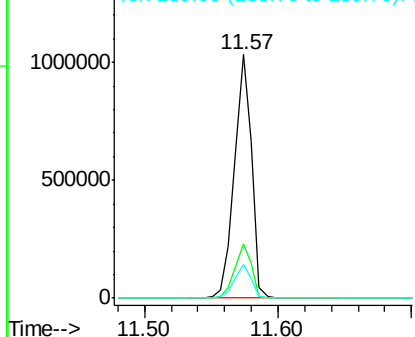


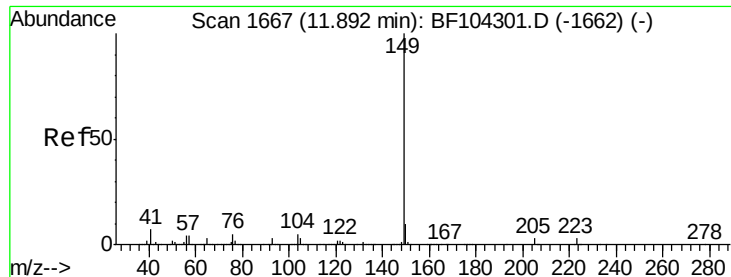
#72
 Carbazole
 Concen: 36.268 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion:167 Resp: 940721
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.9 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 38.484 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

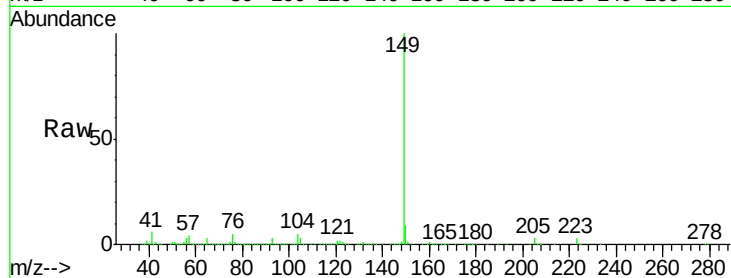
Tot Ion:149 Resp: 1219365

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

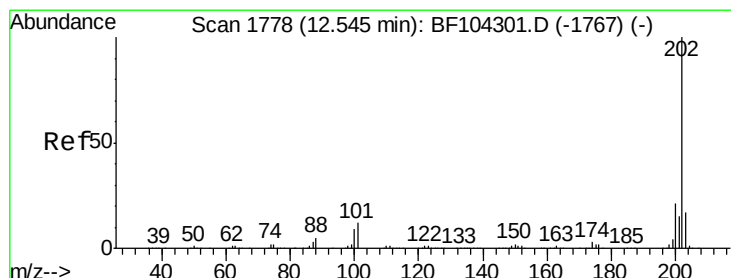
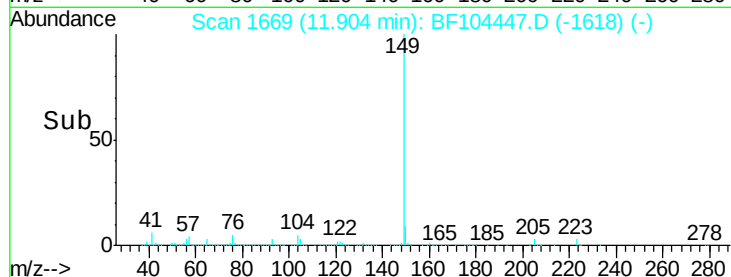
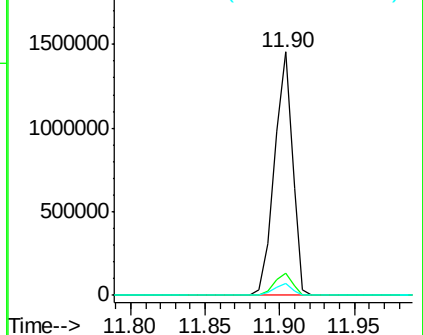
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.499 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

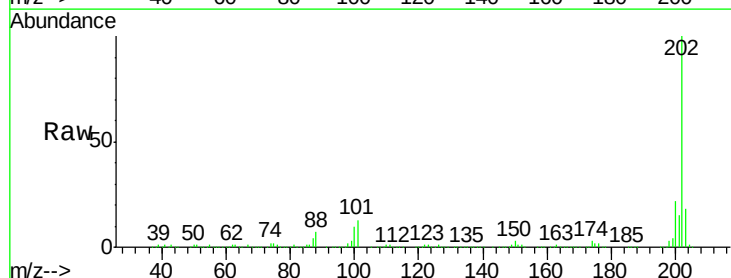
Tgt Ion:202 Resp: 1023078

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

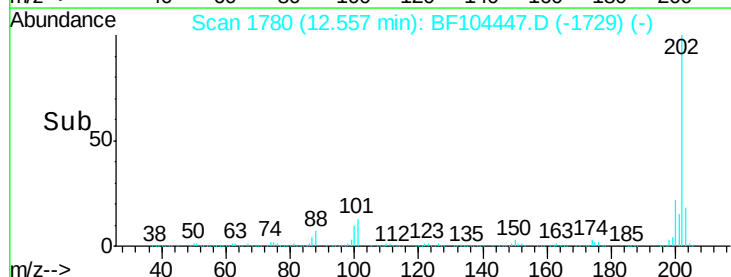
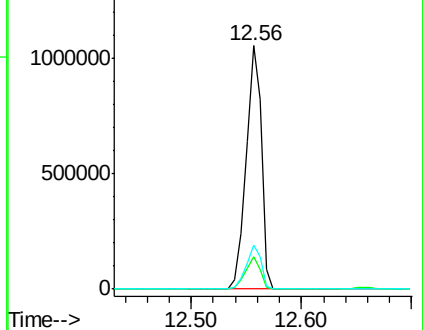
203 17.8 0.0 38.1

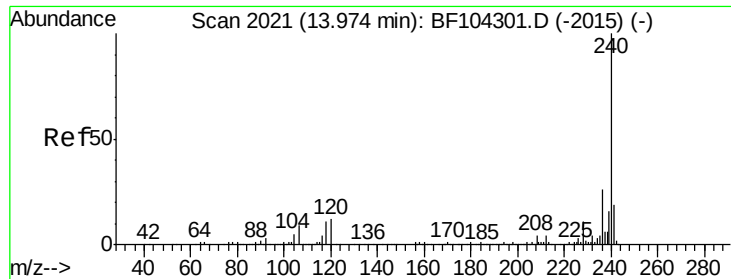


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

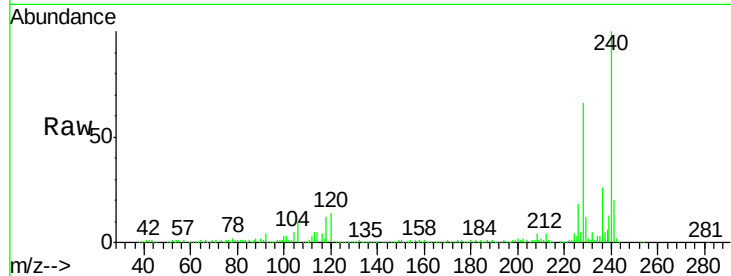
Tot Ion:240 Resp: 290523

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

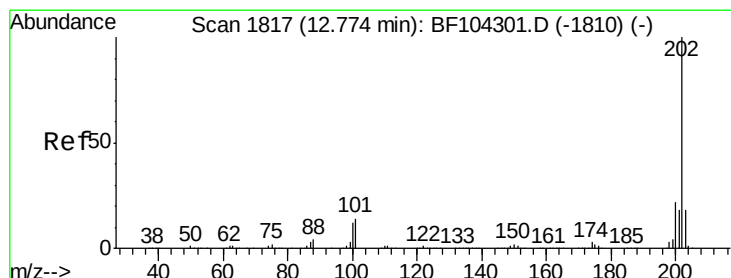
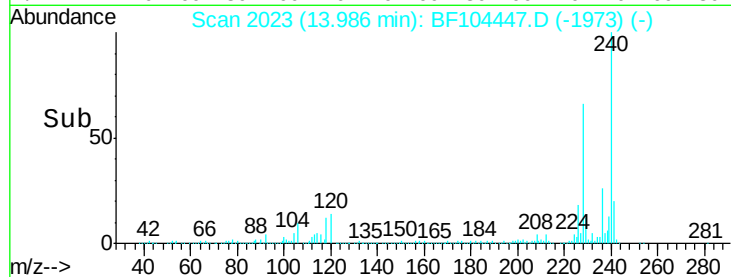
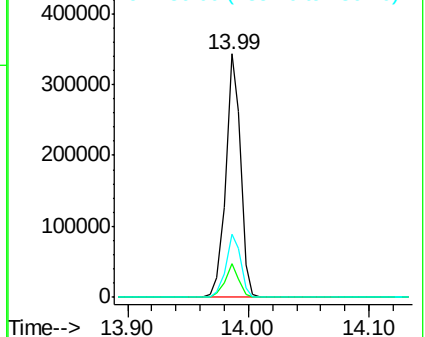
236 25.9 20.7 31.1



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



#77

Pyrene

Concen: 47.425 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

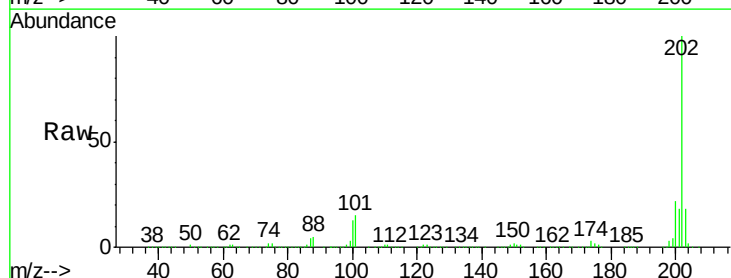
Tgt Ion:202 Resp: 1021274

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

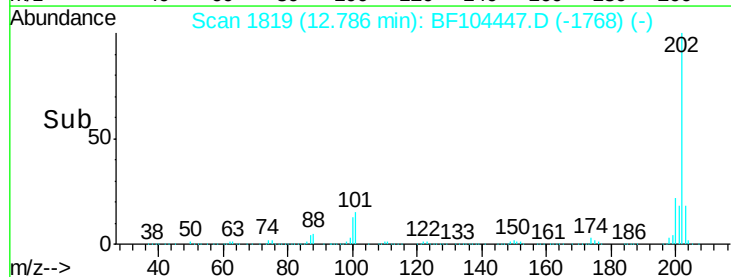
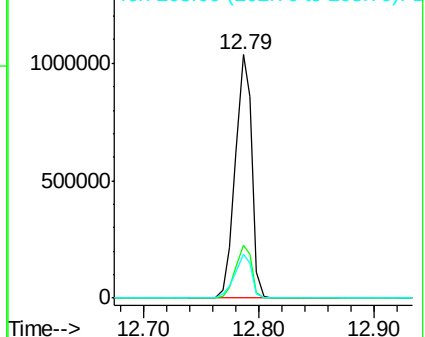
203 17.8 14.3 21.5

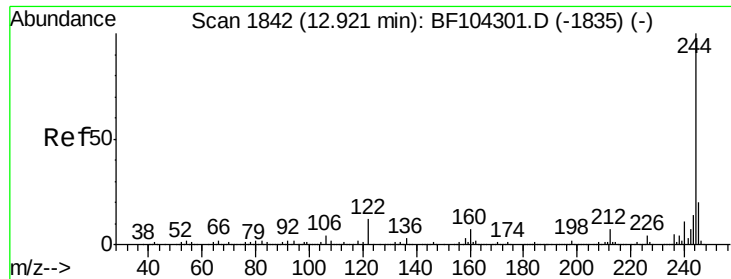


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 100.859 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

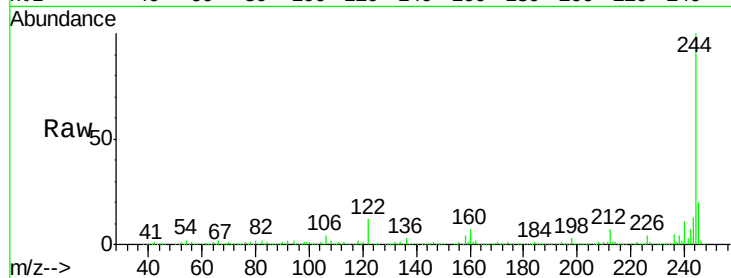
Tot Ion:244 Resp: 1285265

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

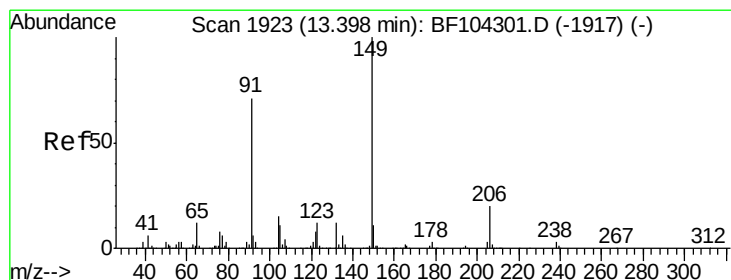
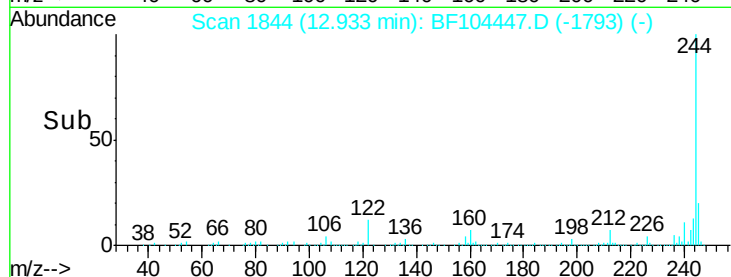
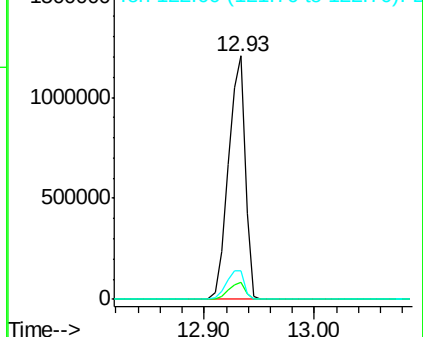
122 11.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 45.005 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

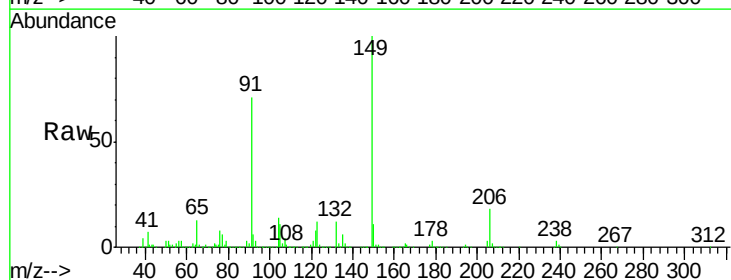
Tgt Ion:149 Resp: 456584

Ion Ratio Lower Upper

149 100

91 70.7 56.8 85.2

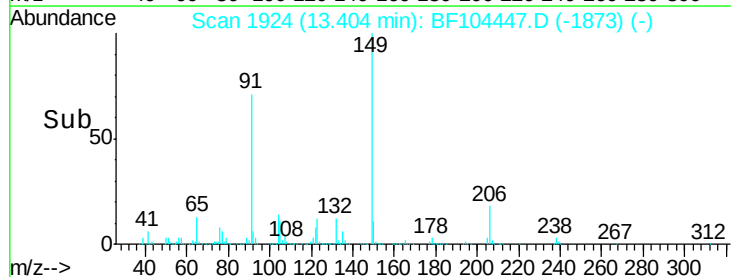
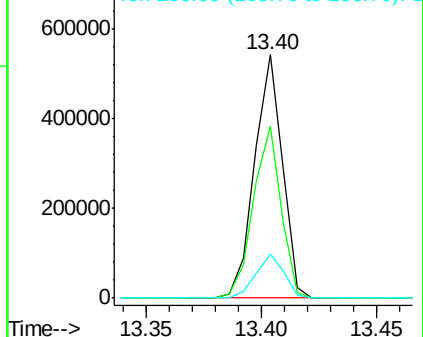
206 18.3 14.1 21.1

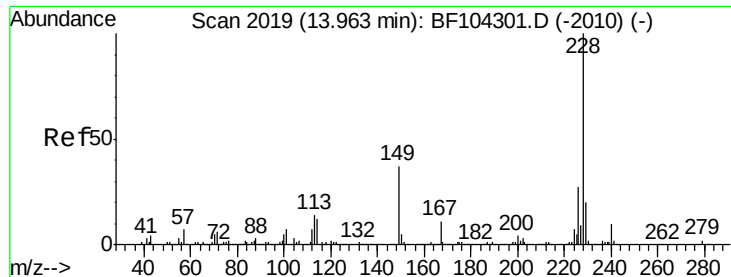


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

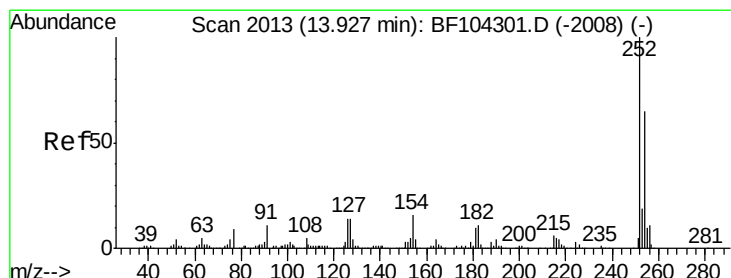
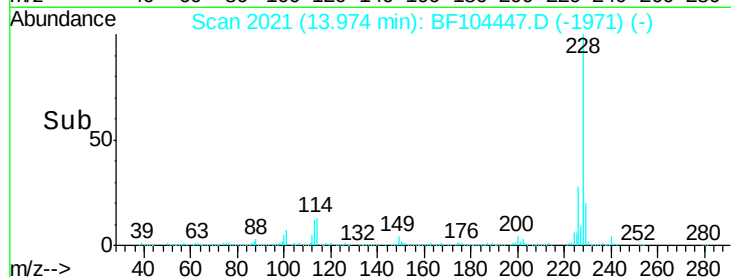
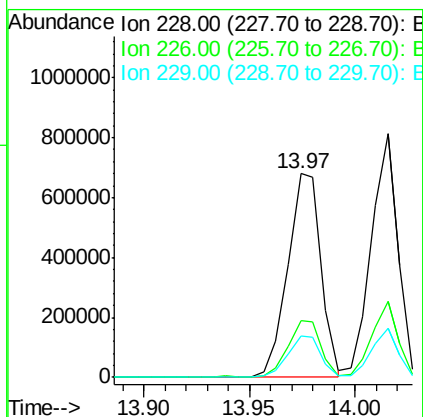
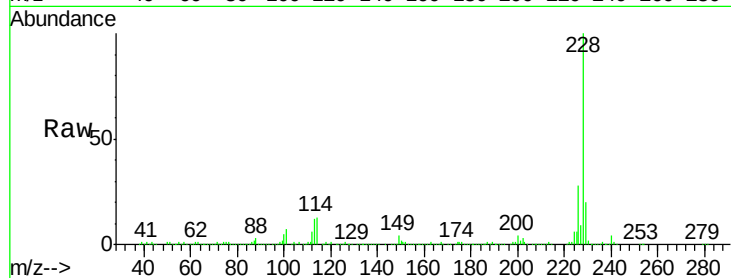




#80
Benzo(a)anthracene
Concen: 42.995 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

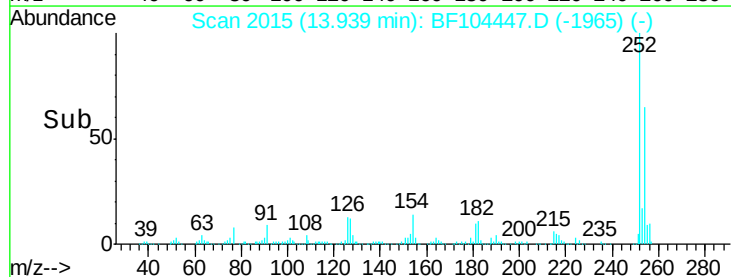
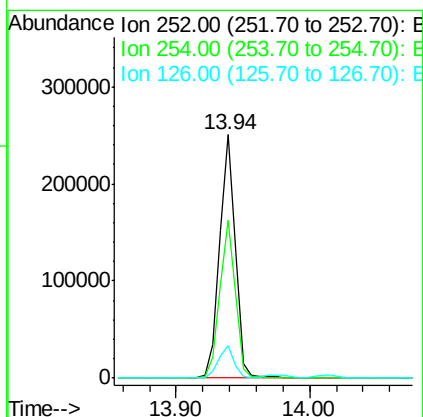
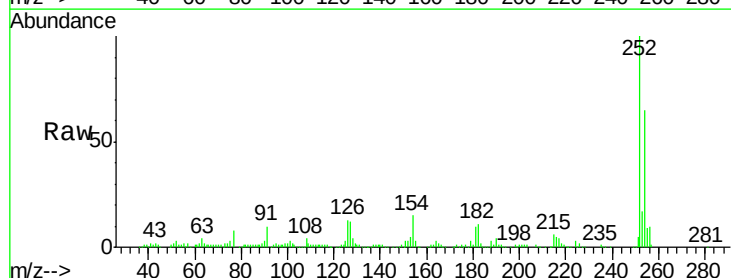
Instrument :
BNA_F
ClientSampleId :

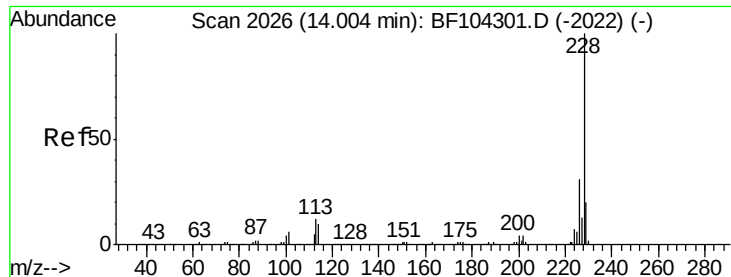
Tot Ion:228 Resp: 746233
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.3 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 32.733 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:252 Resp: 211823
Ion Ratio Lower Upper
252 100
254 64.6 50.4 75.6
126 13.3 11.3 16.9

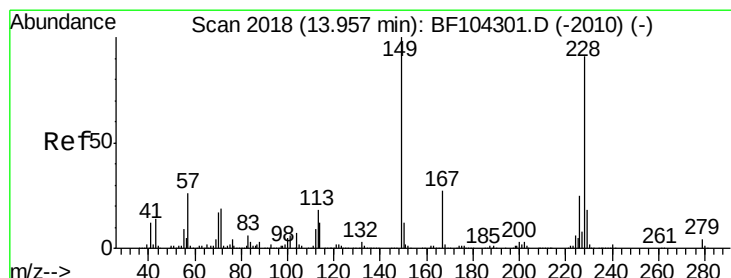
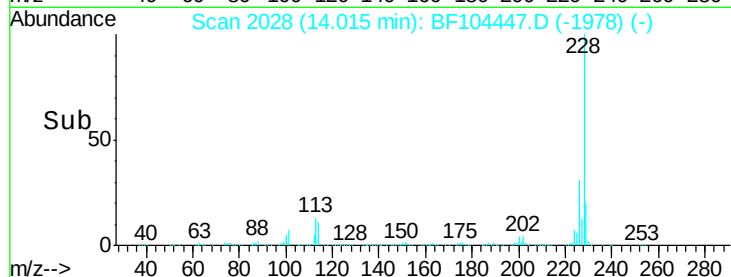
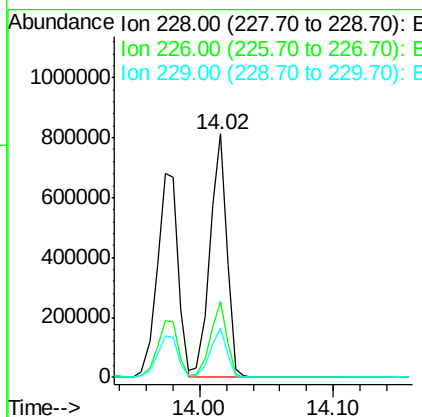
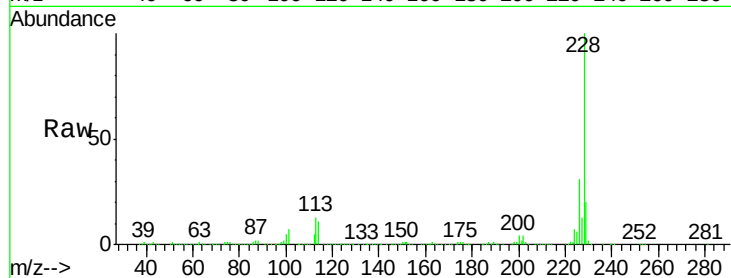




#82
 Chrysene
 Concen: 40.219 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

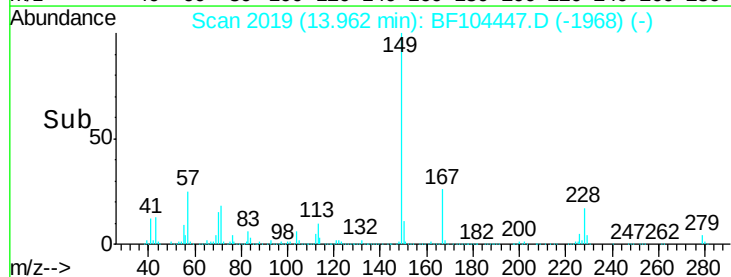
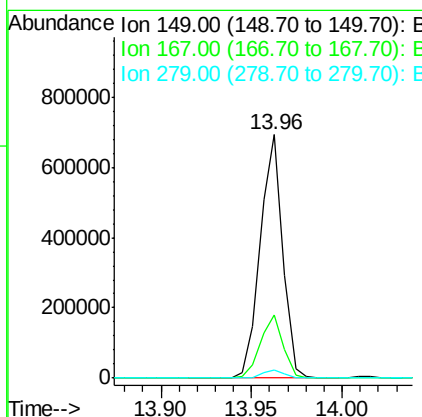
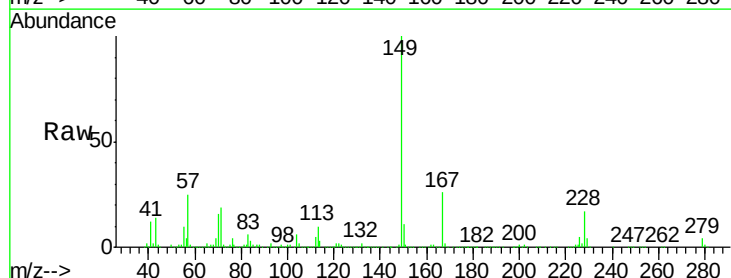
Instrument :
 BNA_F
 ClientSampled :

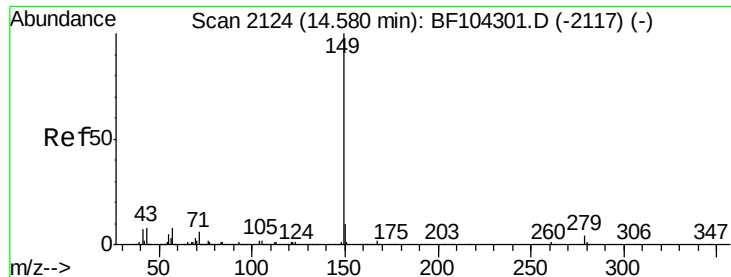
Tot Ion:228 Resp: 717006
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.3 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.677 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104447.D
 Acq: 12 Apr 2018 13:35

Tgt Ion:149 Resp: 596052
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.5 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 40.790 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

Instrument :

BNA_F

ClientSampleId :

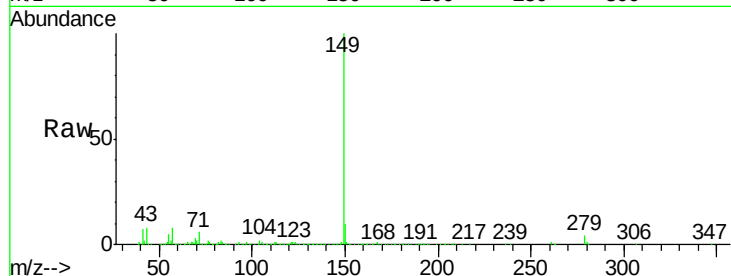
Tot Ion:149 Resp: 889408

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

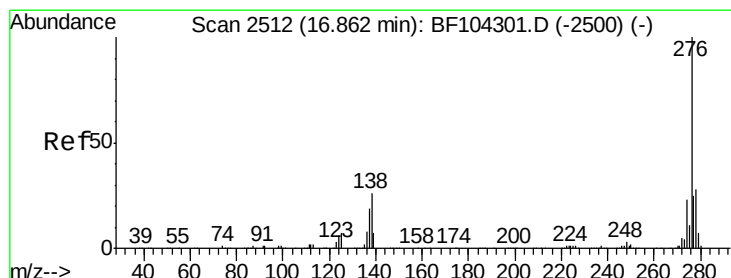
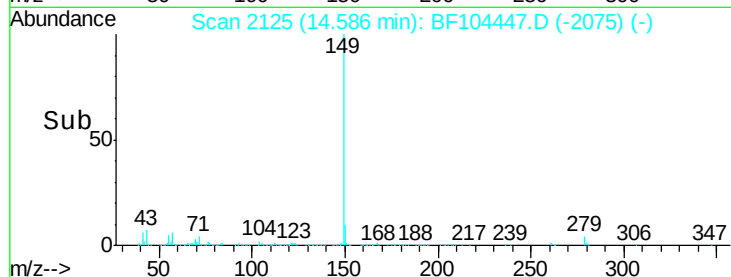
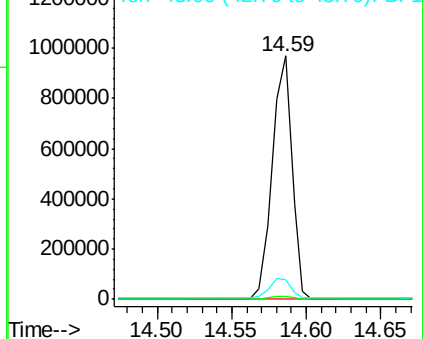
43 8.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 54.027 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BF104447.D

Acq: 12 Apr 2018 13:35

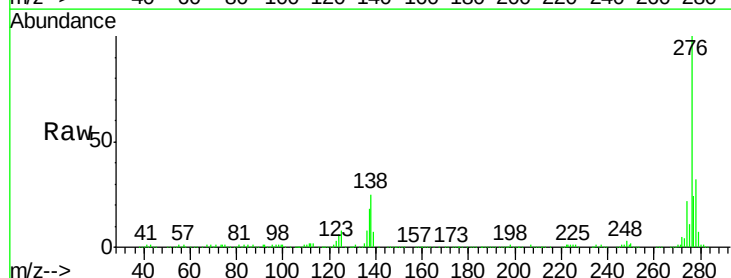
Tgt Ion:276 Resp: 818199

Ion Ratio Lower Upper

276 100

138 28.3 25.0 37.6

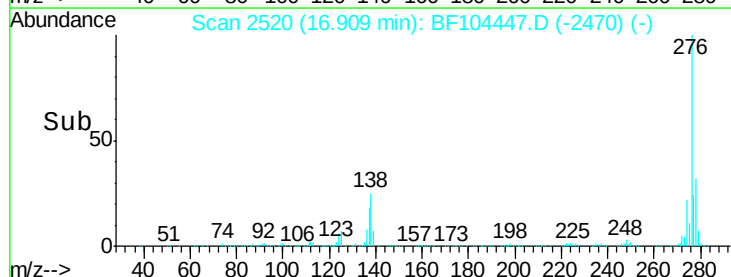
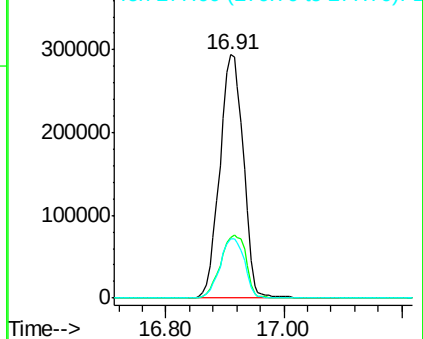
277 25.3 20.1 30.1

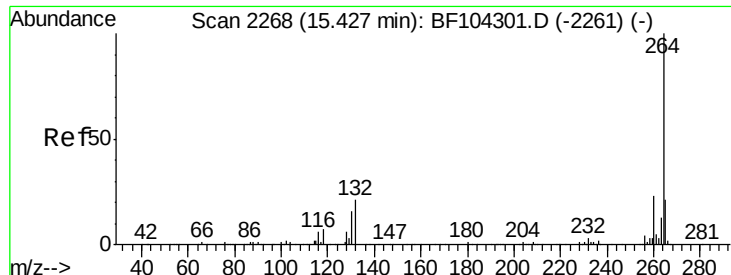


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

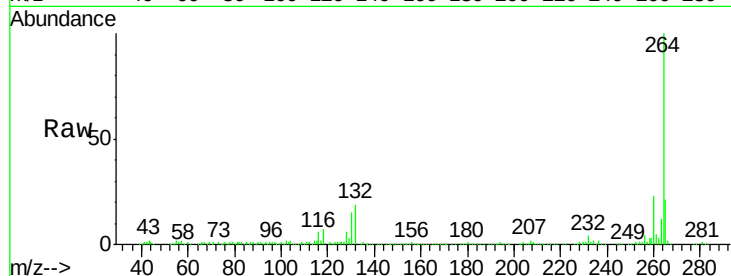




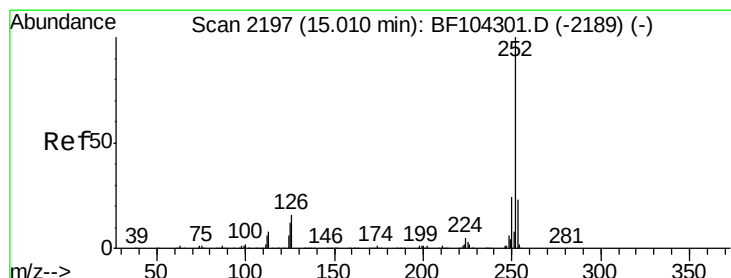
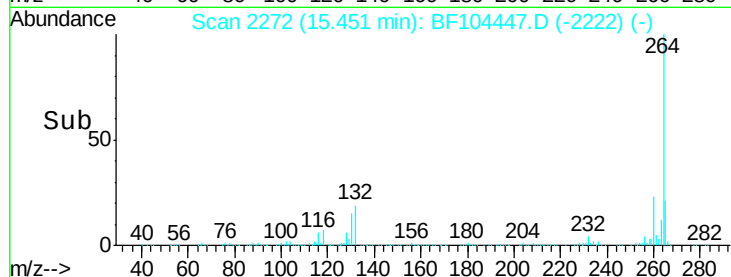
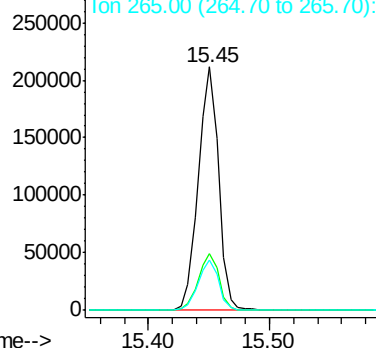
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 247391
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.7 17.5 26.3

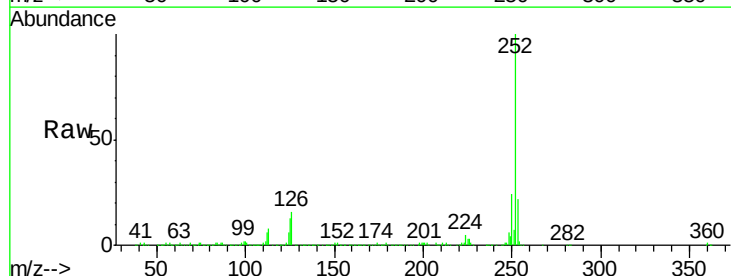


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

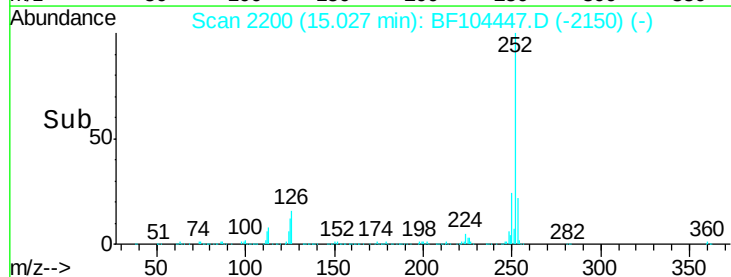
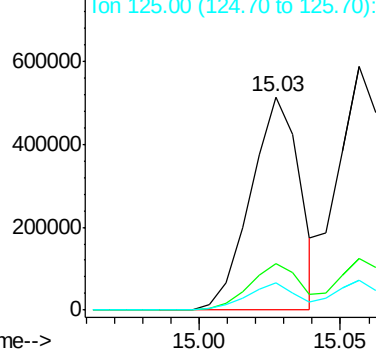


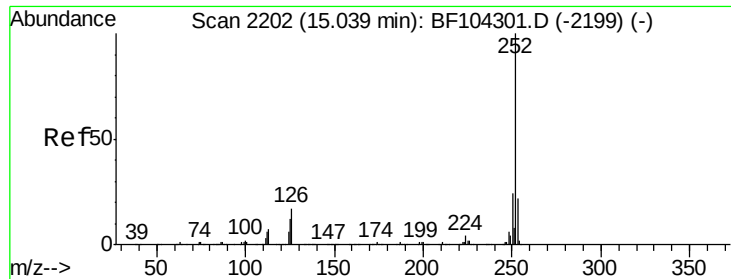
#87
Benzo(b)fluoranthene
Concen: 39.891 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion:252 Resp: 623289
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.5 9.0 13.6



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

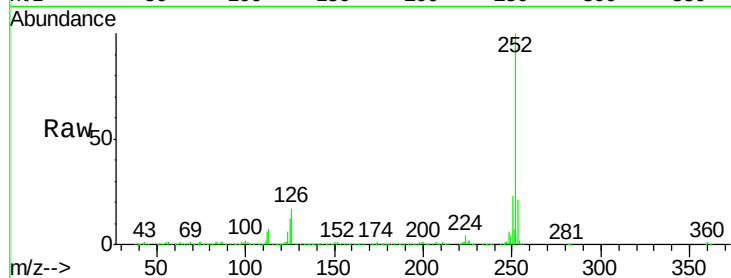




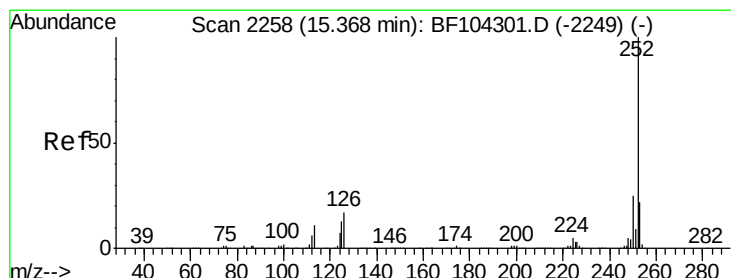
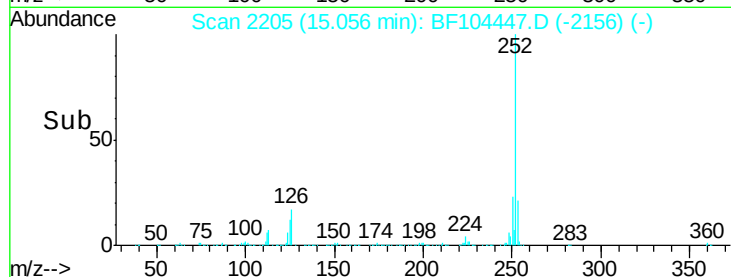
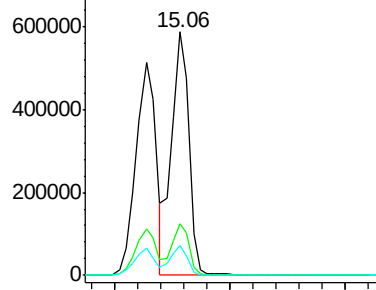
#88
Benzo(k)fluoranthene
Concen: 42.298 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	12.3	10.2	15.2

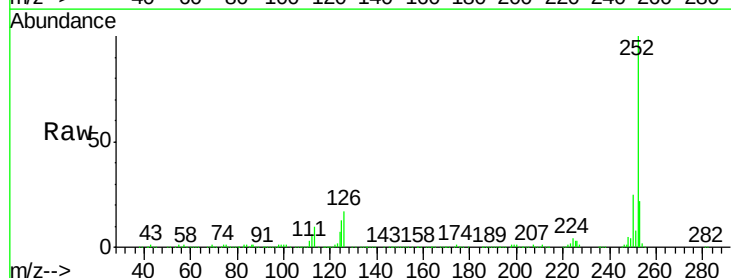


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

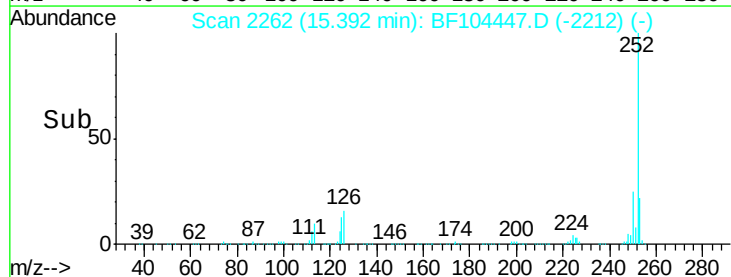
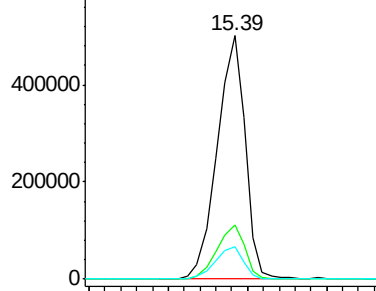


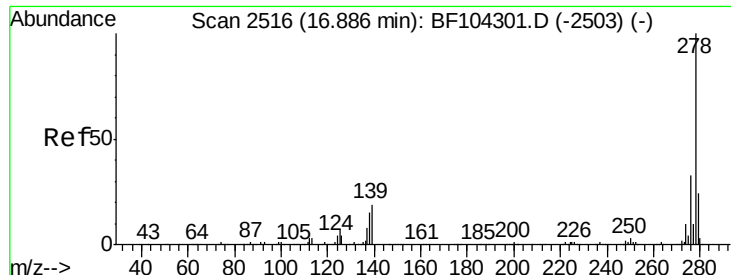
#89
Benzo(a)pyrene
Concen: 44.008 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.3	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

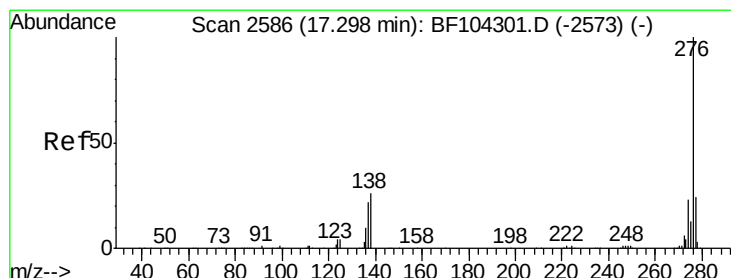
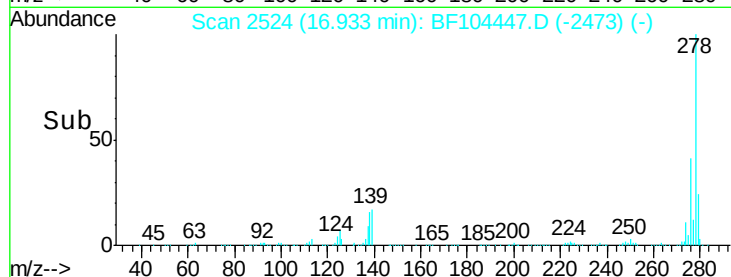
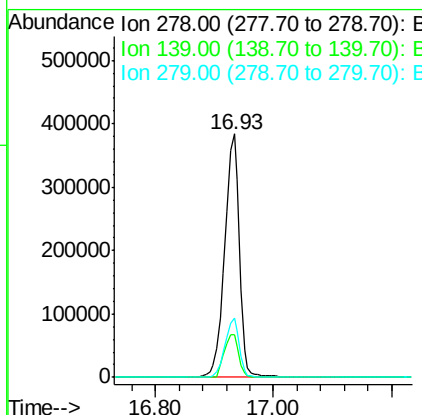
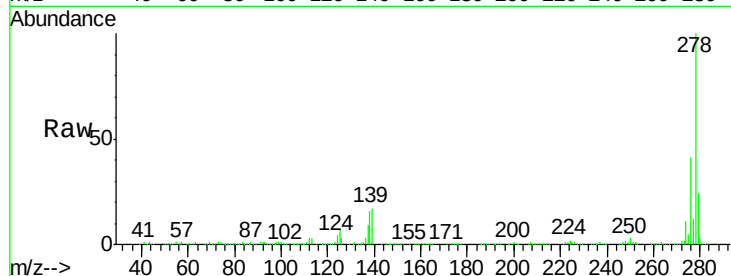




#90
Dibenzo(a,h)anthracene
Concen: 58.320 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	15.9	23.9
279	24.2	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 63.630 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BF104447.D
Acq: 12 Apr 2018 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	24.4	21.8	32.8

