

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102582.D
 Acq On : 29 Jan 2018 3:20
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 06:21:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	142812	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	572308	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	220695	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	317026	20.00	ng	0.00
75) Chrysene-d12	13.88	240	268448	20.00	ng	0.00
86) Perylene-d12	15.31	264	204777	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	768510	81.59	ng	0.00
7) Phenol-d6	6.37	99	893134	78.65	ng	0.00
23) Nitrobenzene-d5	7.29	82	782736	78.60	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	123345	56.41	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1264454	84.24	ng	0.00
78) Terphenyl-d14	12.82	244	821364	68.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	197348	44.099	ng	97
3) Pyridine	3.04	79	500134	42.765	ng	98
4) n-Nitrosodimethylamine	3.01	42	190257	41.497	ng	98
6) Aniline	6.38	93	573338	38.174	ng	# 46
8) 2-Chlorophenol	6.50	128	395126	40.020	ng	98
9) Benzaldehyde	6.27	77	265777	43.491	ng	95
10) Phenol	6.38	94	472222	38.093	ng	# 56
11) bis(2-Chloroethyl)ether	6.46	93	387110	41.057	ng	97
12) 1,3-Dichlorobenzene	6.66	146	458090	39.012	ng	98
13) 1,4-Dichlorobenzene	6.73	146	459676	39.080	ng	99
14) 1,2-Dichlorobenzene	6.89	146	417853	38.837	ng	98
15) Benzyl Alcohol	6.87	79	292124	36.462	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	609017	38.513	ng	70
17) 2-Methylphenol	6.99	107	326340	38.058	ng	# 92
18) Hexachloroethane	7.22	117	116598	28.447	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	271998	39.142	ng	98
20) 3+4-Methylphenols	7.14	107	414460	41.097	ng	93
22) Acetophenone	7.13	105	550403	40.344	ng	97
24) Nitrobenzene	7.30	77	411494	40.376	ng	100
25) Isophorone	7.54	82	697389	39.280	ng	99
26) 2-Nitrophenol	7.62	139	151306	28.208	ng	91
27) 2,4-Dimethylphenol	7.66	122	307606	39.493	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	454478	41.439	ng	99
29) 2,4-Dichlorophenol	7.87	162	298608	37.637	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	322099	37.873	ng	98
31) Naphthalene	8.02	128	1083615	37.923	ng	100
32) Benzoic acid	7.79	122	93759	14.368	ng	99
33) 4-Chloroaniline	8.08	127	459385	38.231	ng	97
34) Hexachlorobutadiene	8.13	225	173227	38.136	ng	99
35) Caprolactam	8.45	113	94318	35.996	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	301276	36.025	ng	95
37) 2-Methylnaphthalene	8.71	142	687446	36.125	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	272473	41.036	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	165551	37.245	ng	97

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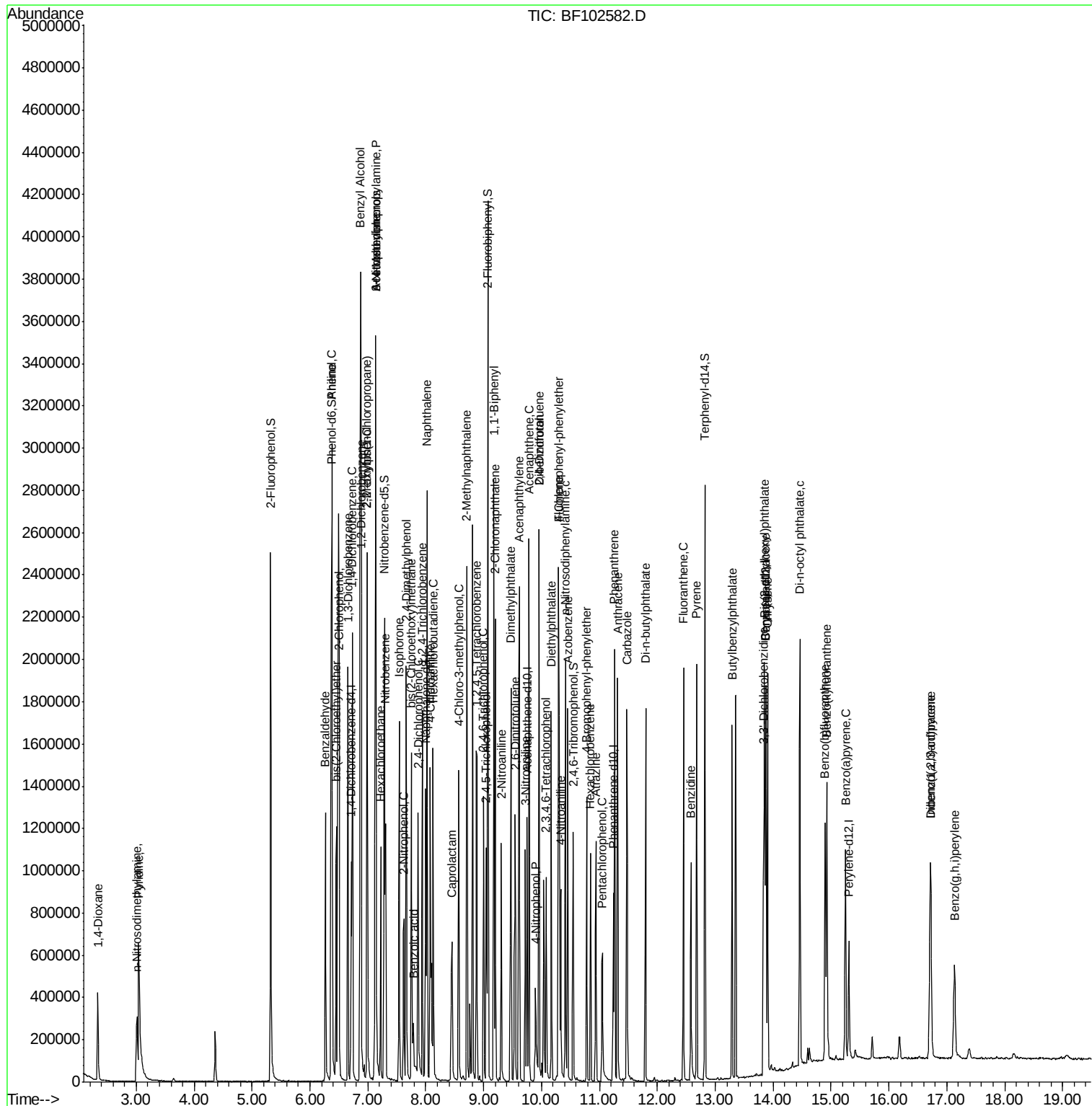
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	182544	36.475	ng	97
45) 1,1'-Biphenyl	9.17	154	805627	40.825	ng	99
46) 2-Chloronaphthalene	9.20	162	611458	39.863	ng	97
47) 2-Nitroaniline	9.30	65	208871	43.678	ng	91
48) Acenaphthylene	9.62	152	909605	38.064	ng	99
49) Dimethylphthalate	9.47	163	730116	40.024	ng	100
50) 2,6-Dinitrotoluene	9.55	165	134480	34.193	ng	95
51) Acenaphthene	9.79	154	524376	37.572	ng	99
52) 3-Nitroaniline	9.72	138	195345	41.986	ng #	90
54) Dibenzofuran	9.96	168	724860	38.376	ng	98
55) 4-Nitrophenol	9.90	139	96871	31.542	ng	93
56) 2,4-Dinitrotoluene	9.96	165	138772	28.693	ng #	81
57) Fluorene	10.30	166	561059	37.486	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	112000	31.344	ng	98
59) Diethylphthalate	10.17	149	684944	38.639	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	252377	38.892	ng	96
61) 4-Nitroaniline	10.33	138	175025	37.699	ng	89
62) Azobenzene	10.45	77	580951	35.795	ng	98
65) n-Nitrosodiphenylamine	10.41	169	503713	43.289	ng	98
66) 4-Bromophenyl-phenylether	10.78	248	138762	40.660	ng	96
67) Hexachlorobenzene	10.85	284	139555	36.564	ng	93
68) Atrazine	10.94	200	109245	31.788	ng	98
69) Pentachlorophenol	11.05	266	85926	42.855	ng	98
70) Phenanthrene	11.26	178	705657	38.198	ng	99
71) Anthracene	11.32	178	734526	38.954	ng	99
72) Carbazole	11.47	167	714520	38.842	ng	99
73) Di-n-butylphthalate	11.80	149	932414	40.550	ng	98
74) Fluoranthene	12.45	202	722528	38.353	ng	99
76) Benzidine	12.58	184	417750	46.323	ng	99
77) Pyrene	12.68	202	758228	36.532	ng	99
79) Butylbenzylphthalate	13.29	149	383571	37.135	ng	99
80) Benzo(a)anthracene	13.87	228	654317	39.590	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	260092	42.899	ng	99
82) Chrysene	13.91	228	647393	38.573	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	544482	39.225	ng	99
84) Di-n-octyl phthalate	14.46	149	897879	39.775	ng	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	422201	30.460	ng	95
87) Benzo(b)fluoranthene	14.90	252	553176	41.678	ng	99
88) Benzo(k)fluoranthene	14.93	252	506509	40.392	ng	98
89) Benzo(a)pyrene	15.25	252	467398	39.046	ng #	97
90) Dibenzo(a,h)anthracene	16.72	278	351269	36.226	ng	98
91) Benzo(g,h,i)perylene	17.13	276	341888	35.709	ng	95

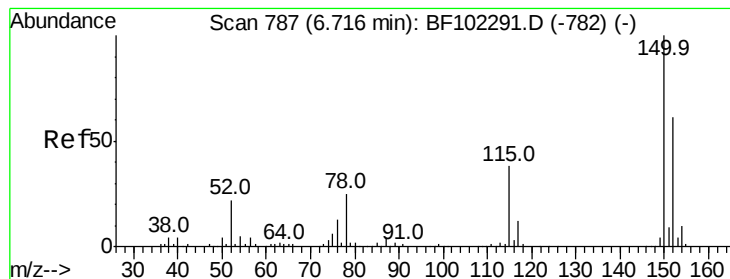
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 2    Sample Multiplier: 1
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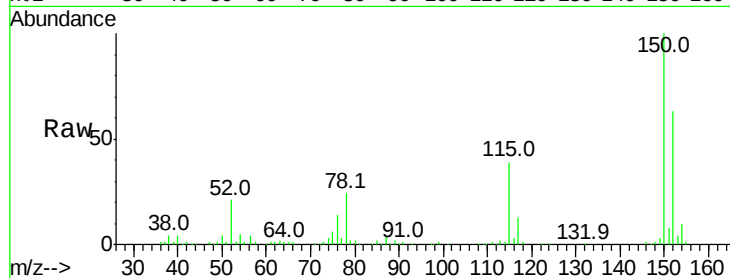


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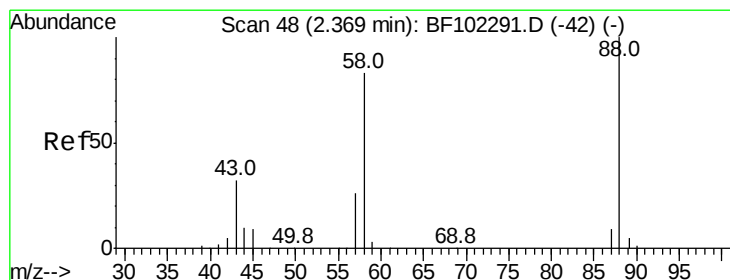
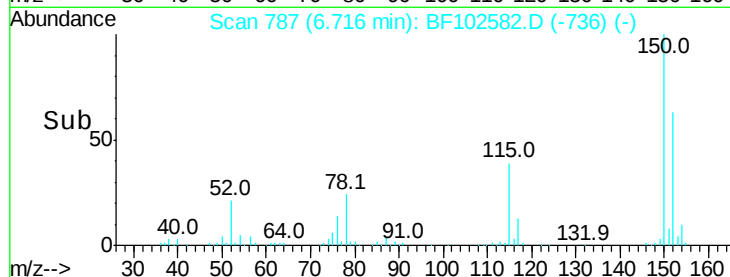
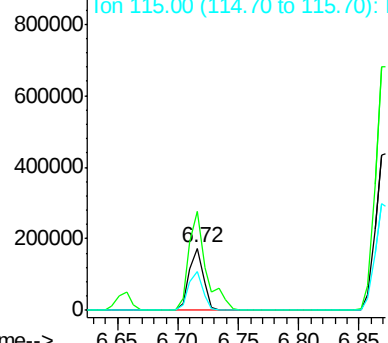
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142812
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.0 50.1 75.1



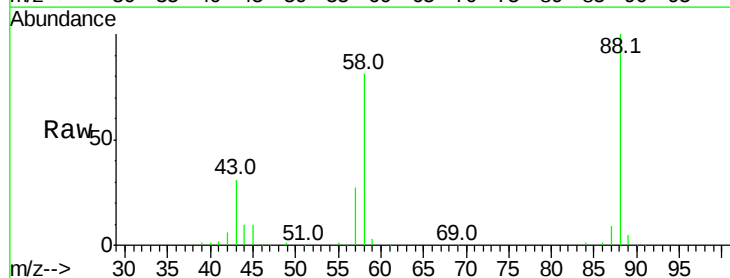
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



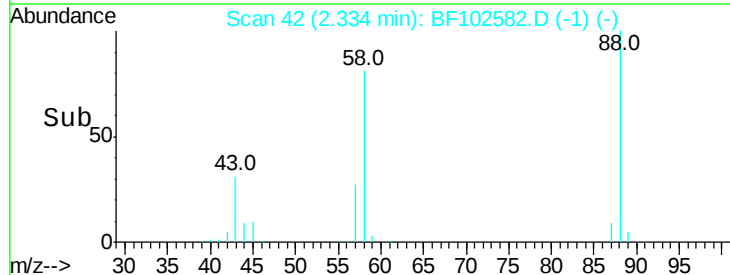
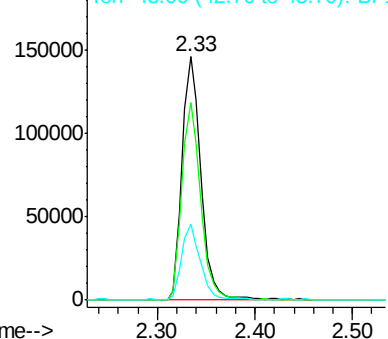
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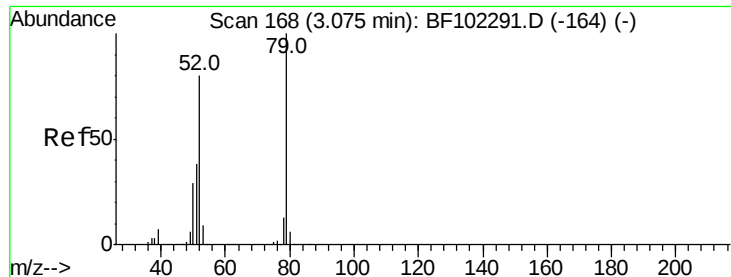
1,4-Dioxane
Concen: 44.099 ng
RT: 2.33 min Scan# 42
Delta R.T. -0.03 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion: 88 Resp: 197348
Ion Ratio Lower Upper
88 100
58 80.9 62.6 93.8
43 30.0 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

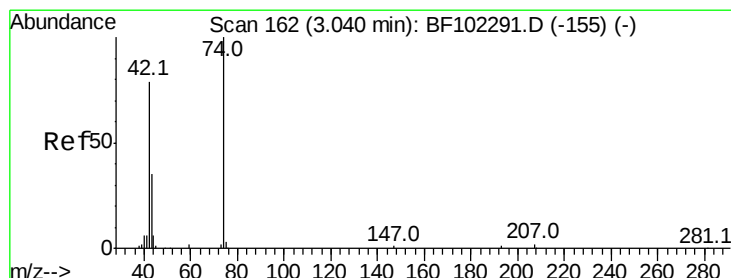
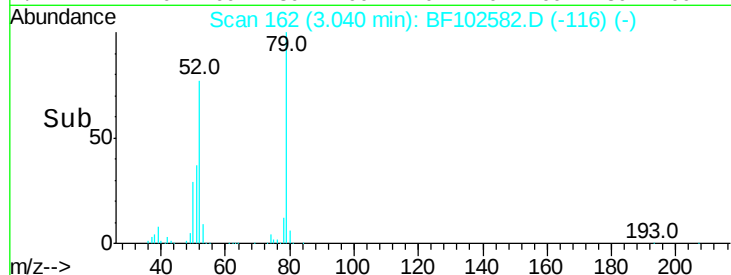
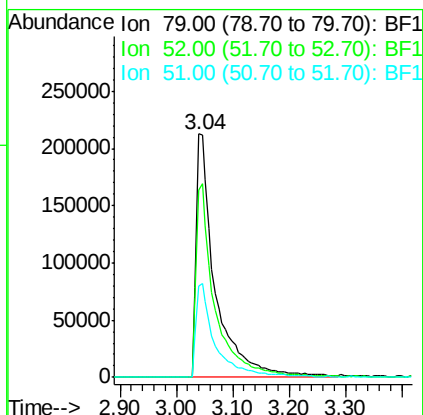
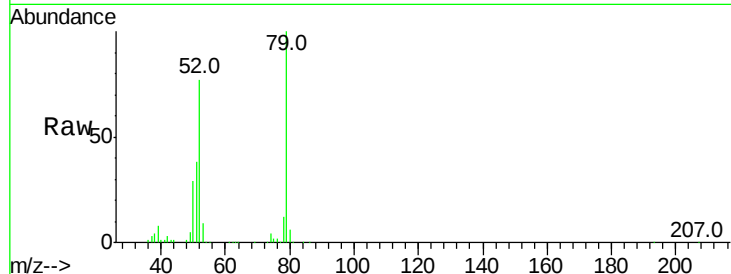




#3
 Pvridine
 Concen: 42.765 ng
 RT: 3.04 min Scan# 162
 Delta R.T. -0.03 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

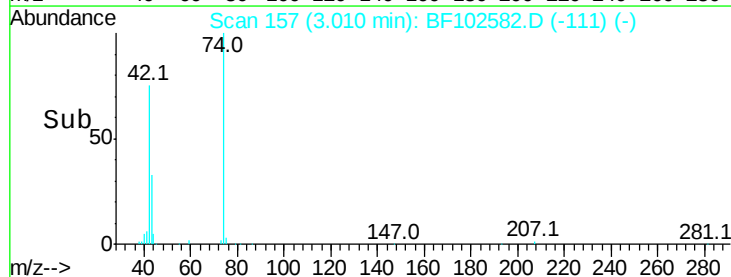
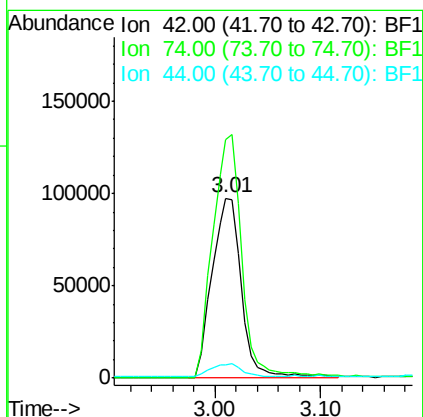
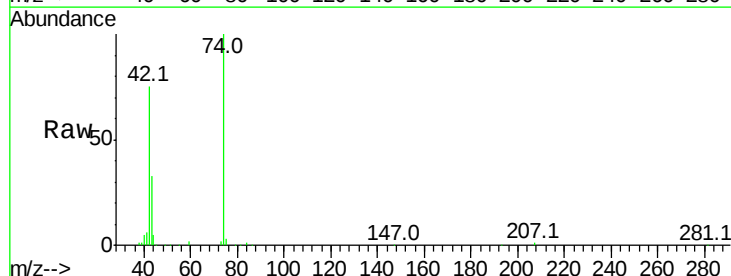
Instrument :
 BNA_F
 ClientSampleId :

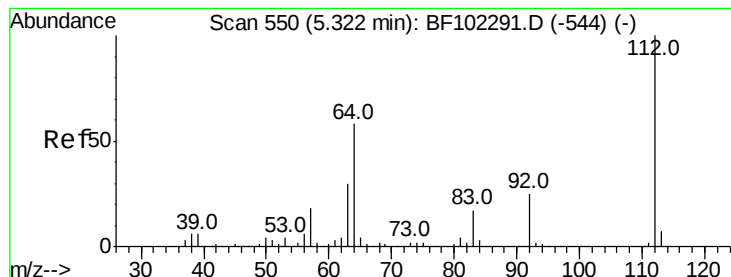
Tot Ion: 79 Resp: 500134
 Ion Ratio Lower Upper
 79 100
 52 76.9 59.8 89.6
 51 37.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.497 ng
 RT: 3.01 min Scan# 157
 Delta R.T. -0.03 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion: 42 Resp: 190257
 Ion Ratio Lower Upper
 42 100
 74 132.8 104.9 157.3
 44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 81.594 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :
BNA_F
ClientSampled :

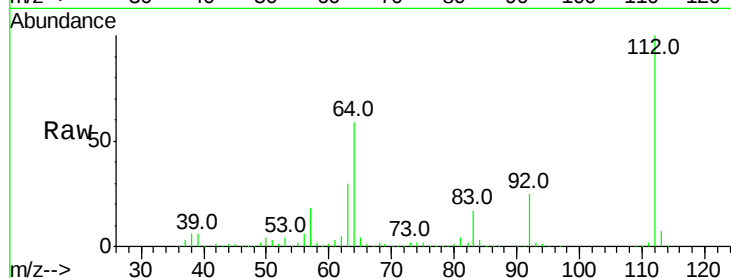
Tot Ion: 112 Resp: 768510

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

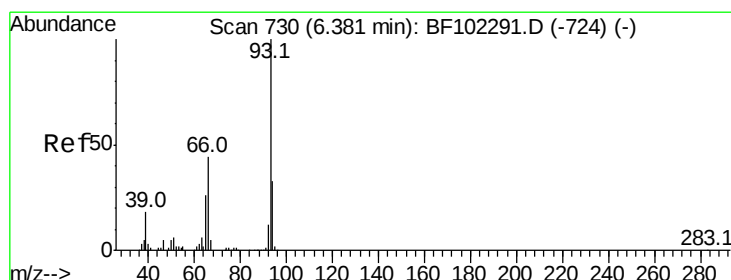
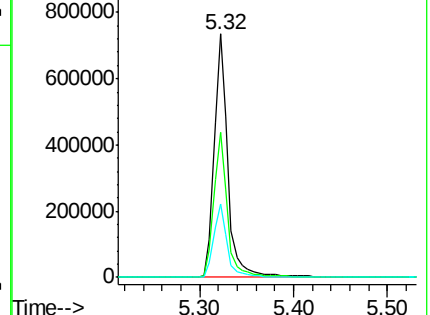
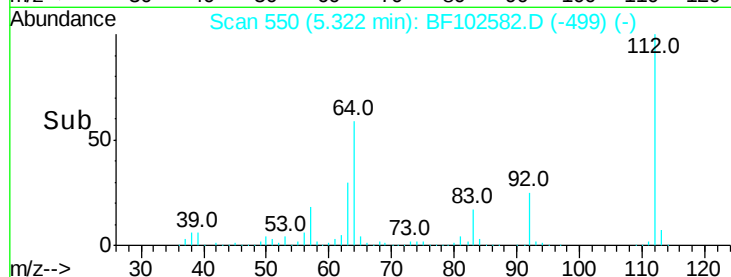
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.174 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

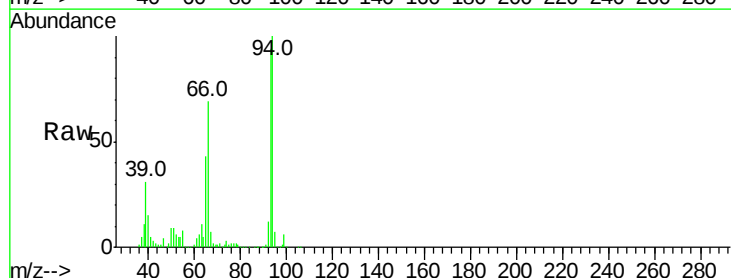
Tgt Ion: 93 Resp: 573338

Ion Ratio Lower Upper

93 100

66 73.2 32.2 48.2#

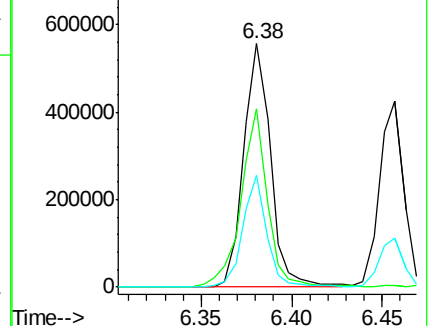
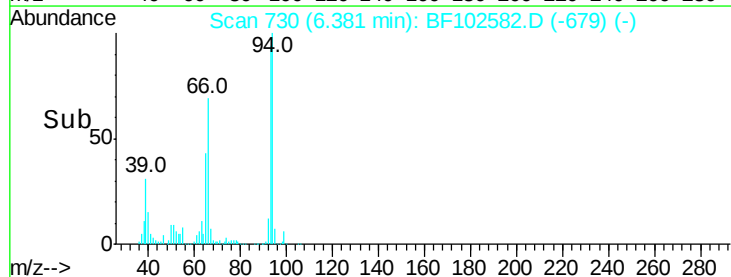
65 45.7 16.4 24.6#

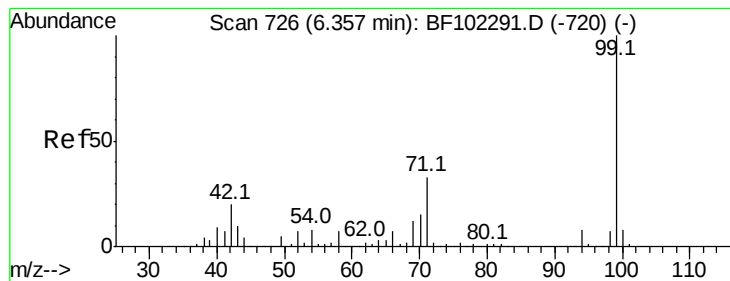


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.655 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

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BNA_F

ClientSampleId :

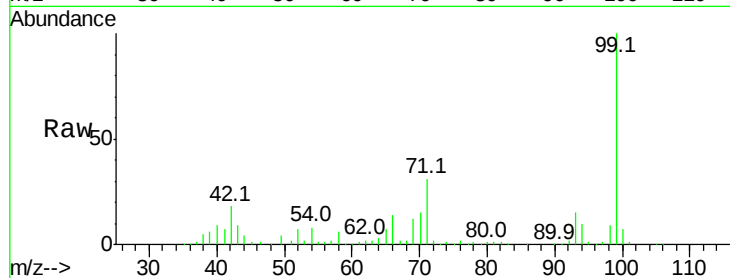
Tot Ion: 99 Resp: 893134

Ion Ratio Lower Upper

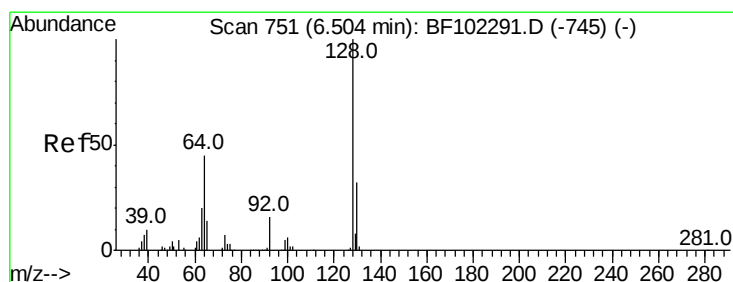
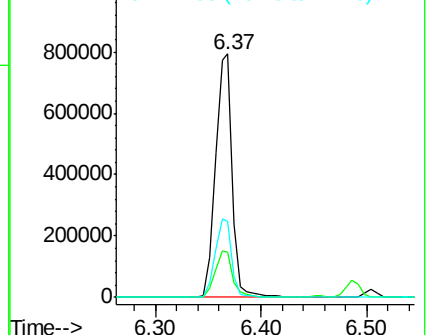
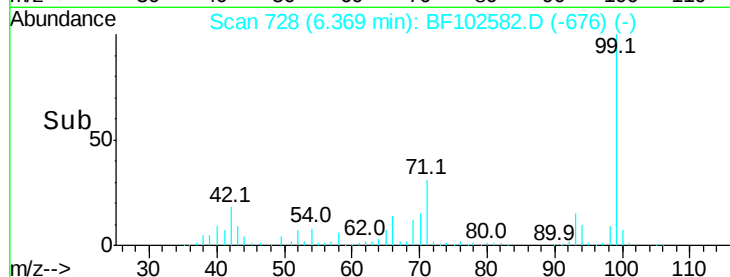
99 100

42 18.5 14.5 21.7

71 31.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.020 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

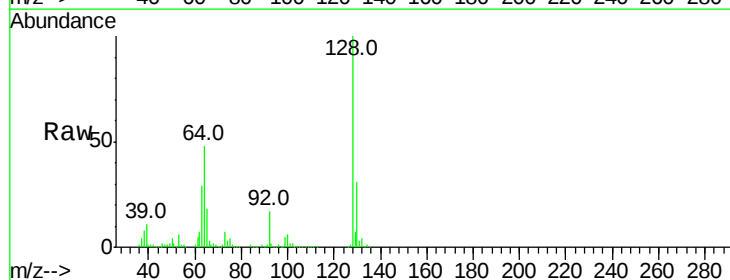
Tgt Ion: 128 Resp: 395126

Ion Ratio Lower Upper

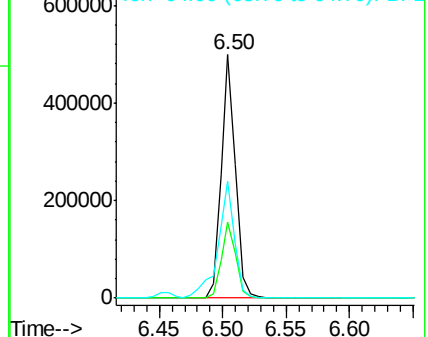
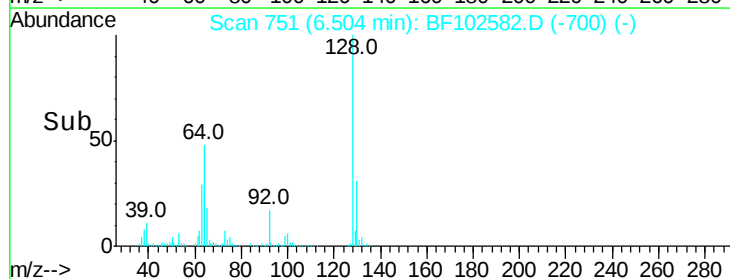
128 100

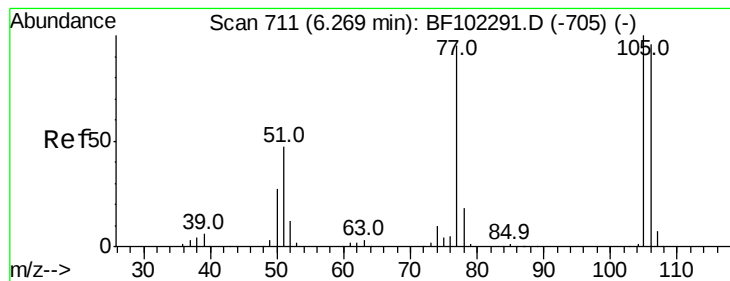
130 31.2 13.0 53.0

64 48.2 29.4 69.4



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





#9

Benzaldehyde

Concen: 43.491 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102582.D

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BNA_F

ClientSampleId :

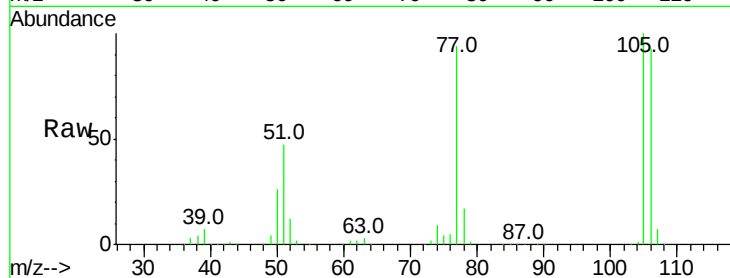
Tot Ion: 77 Resp: 265777

Ion Ratio Lower Upper

77 100

105 106.9 81.1 121.1

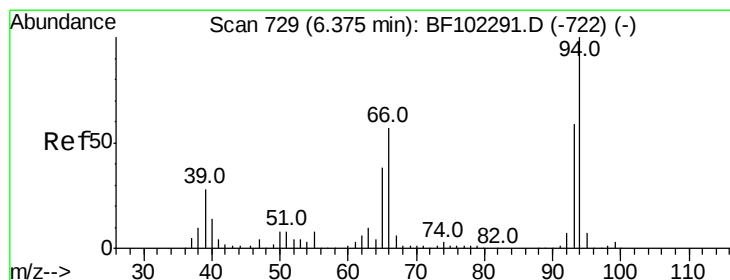
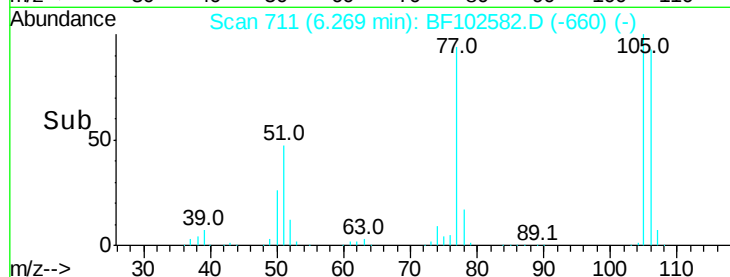
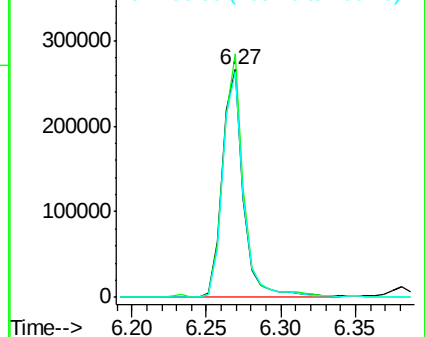
106 99.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.093 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

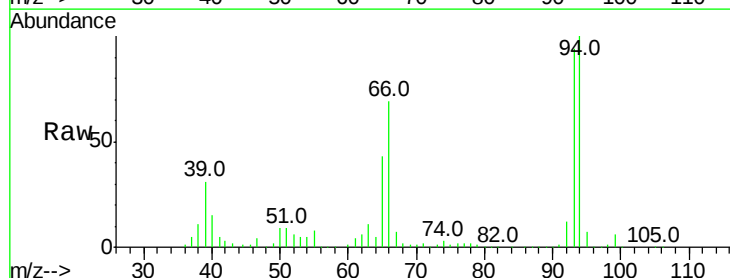
Tgt Ion: 94 Resp: 472222

Ion Ratio Lower Upper

94 100

65 42.9 7.9 47.9

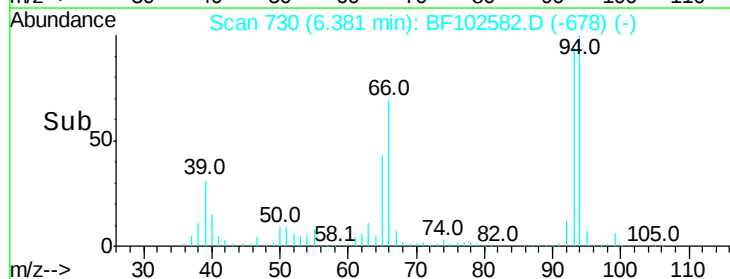
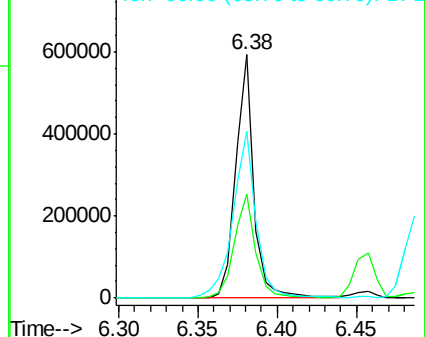
66 68.7 16.2 56.2

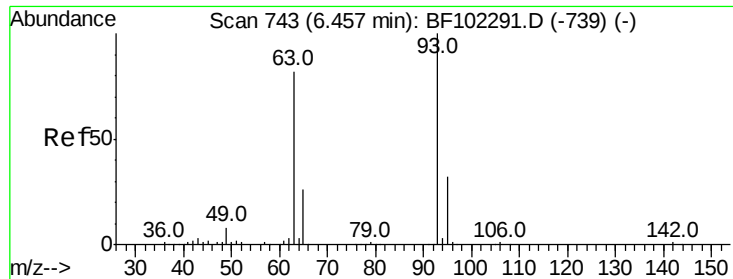


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.057 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampleId :

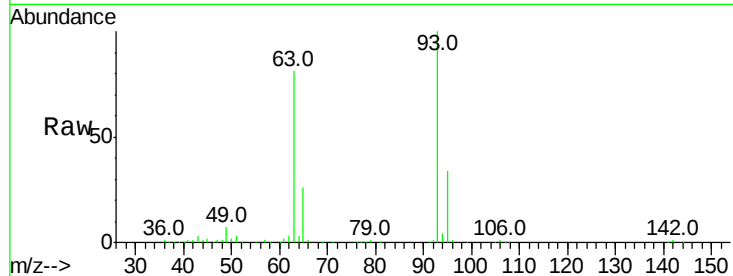
Tot Ion: 93 Resp: 387110

Ion Ratio Lower Upper

93 100

63 80.7 58.6 98.6

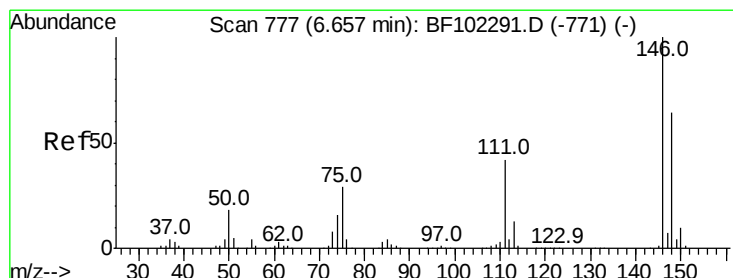
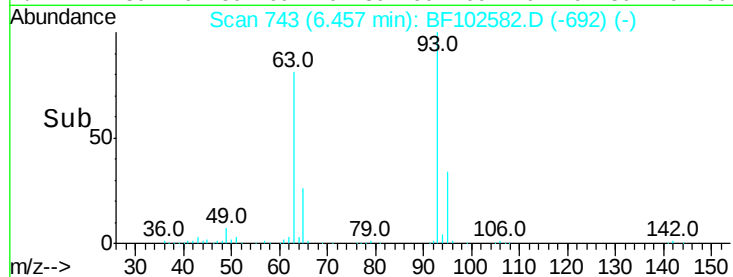
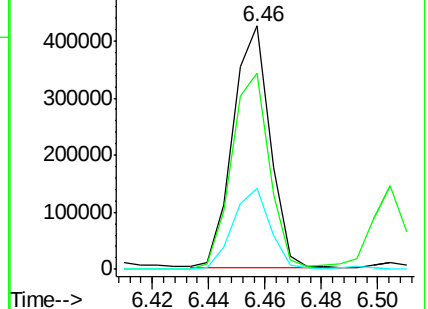
95 33.6 11.8 51.8



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: 39.012 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

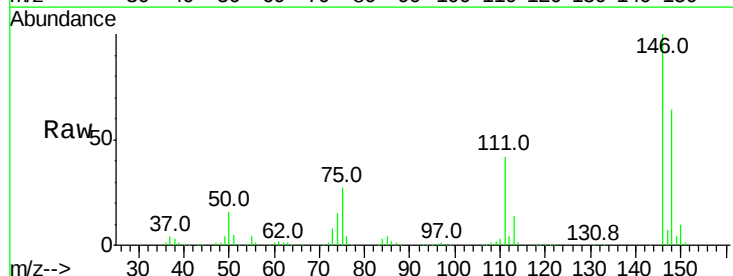
Tgt Ion: 146 Resp: 458090

Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

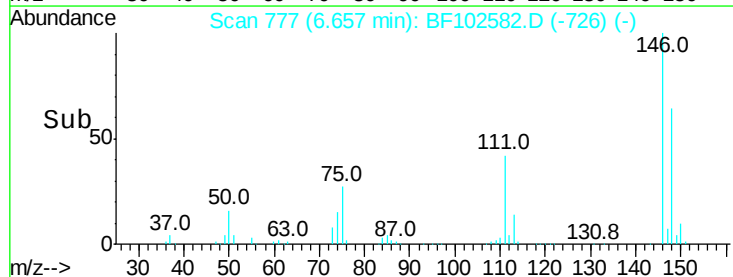
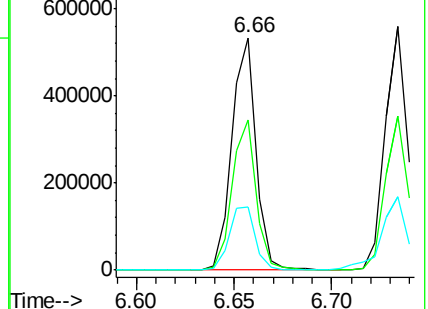
75 27.2 24.2 36.4

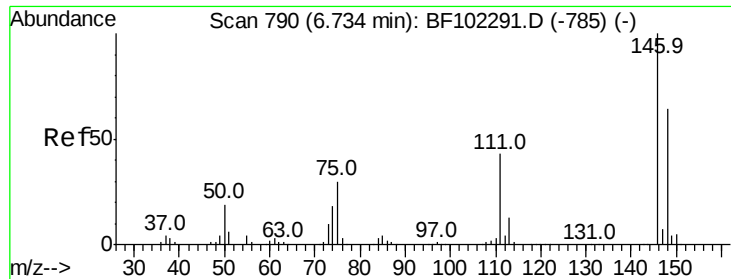


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

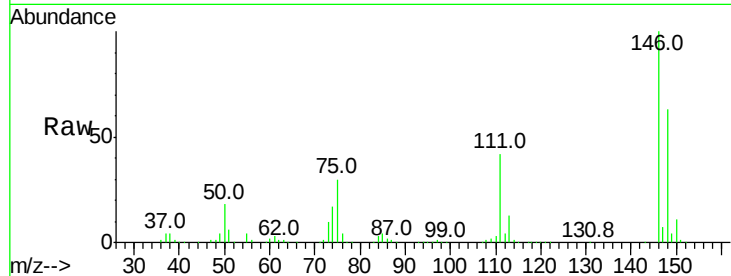




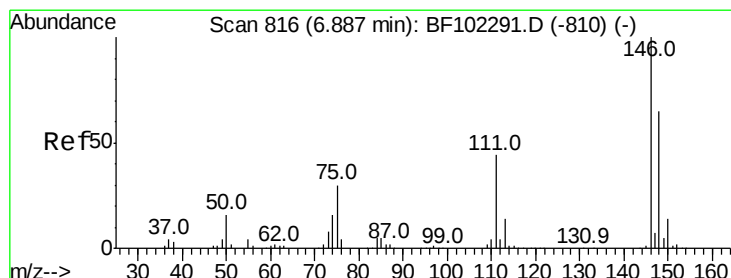
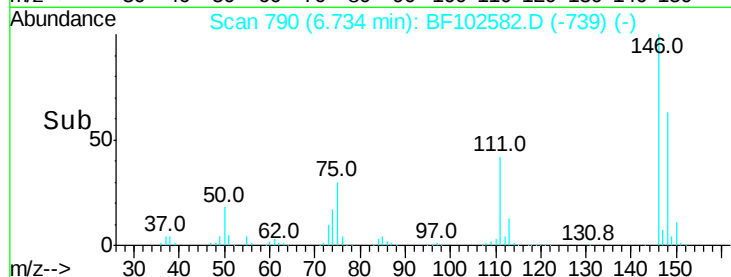
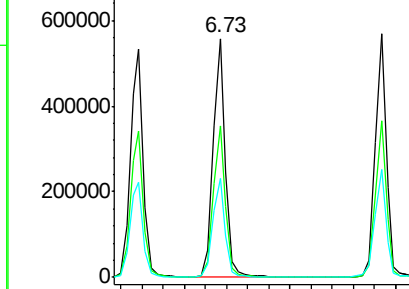
#13
 1,4-Dichlorobenzene
 Concen: 39.080 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 459676
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 41.6 34.2 51.2

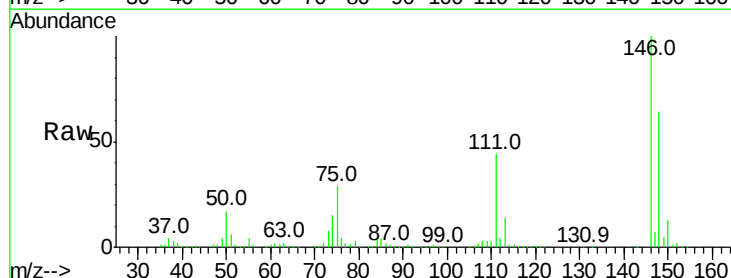


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

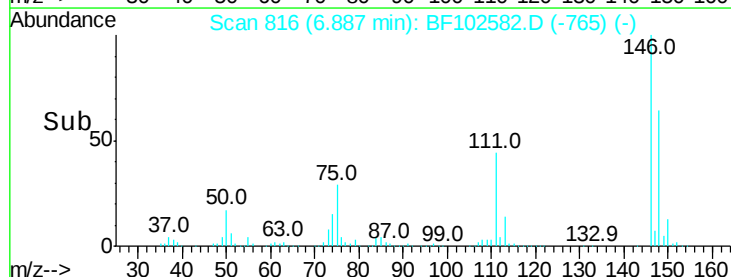
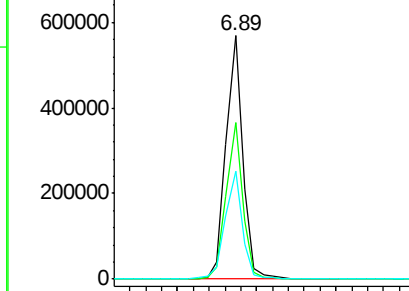


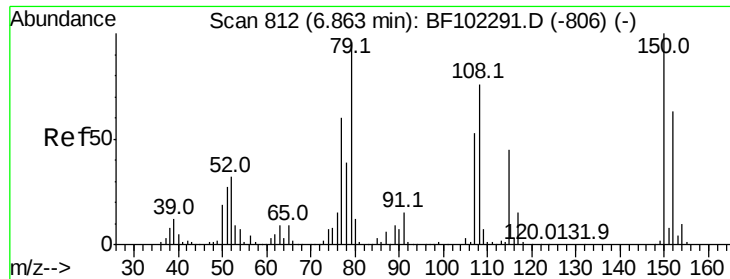
#14
 1,2-Dichlorobenzene
 Concen: 38.837 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion:146 Resp: 417853
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 44.1 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

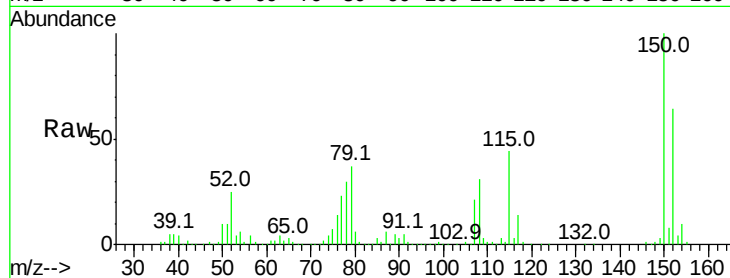




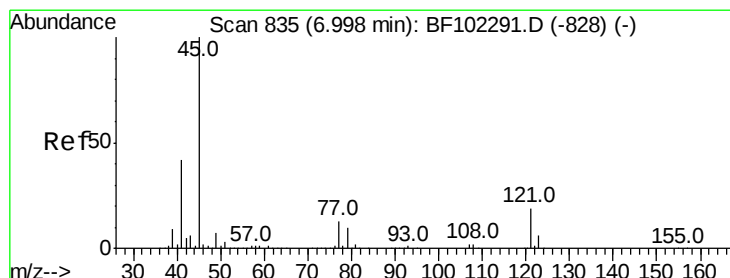
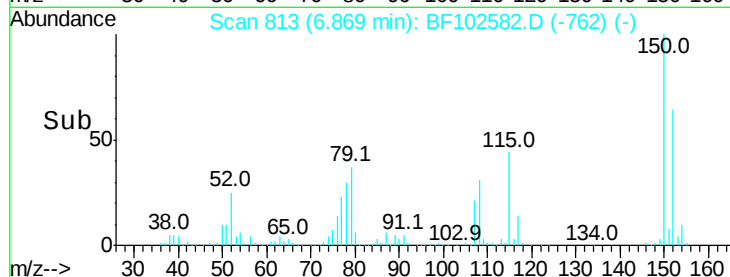
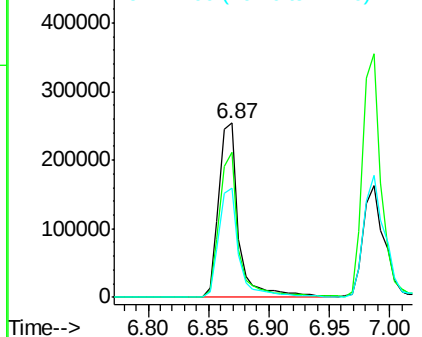
#15
Benzyl Alcohol
Concen: 36.462 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 292124
Ion Ratio Lower Upper
79 100
108 83.1 65.1 97.7
77 62.9 50.6 75.8

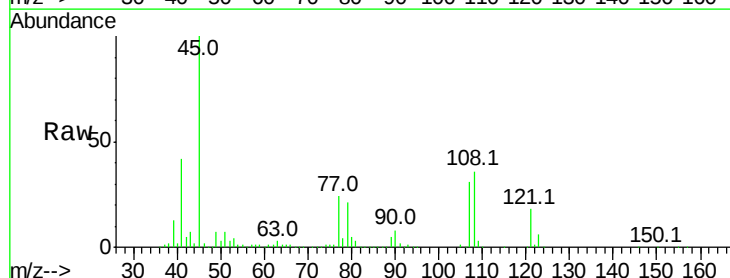


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

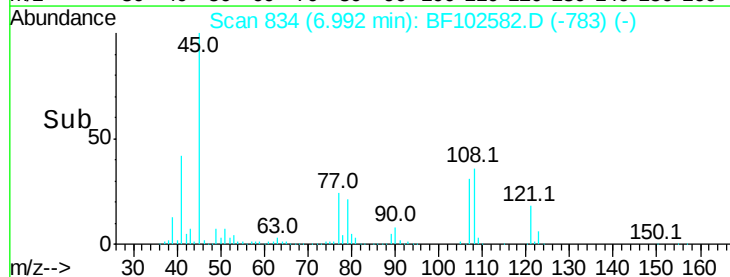
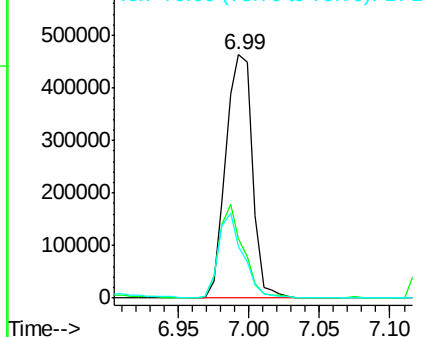


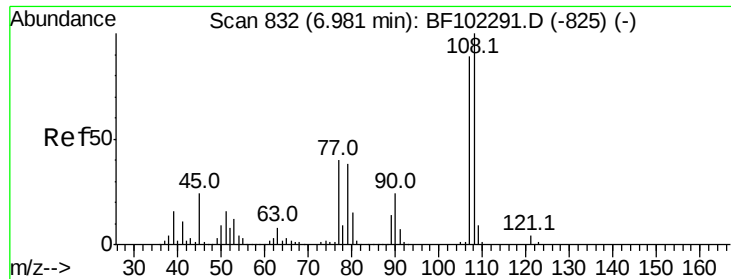
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.513 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion: 45 Resp: 609017
Ion Ratio Lower Upper
45 100
77 24.4 0.0 32.9
79 21.0 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

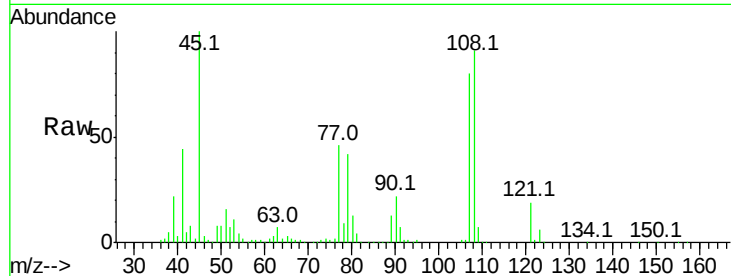




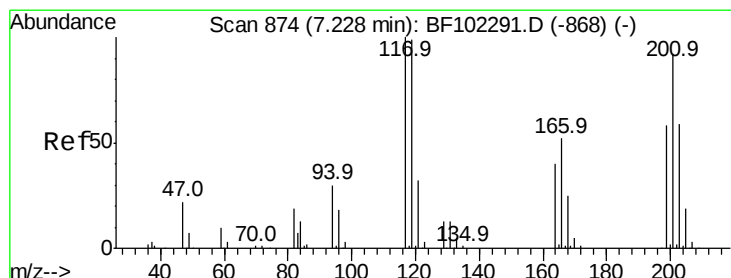
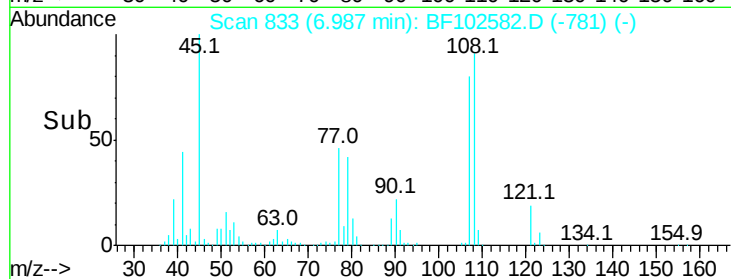
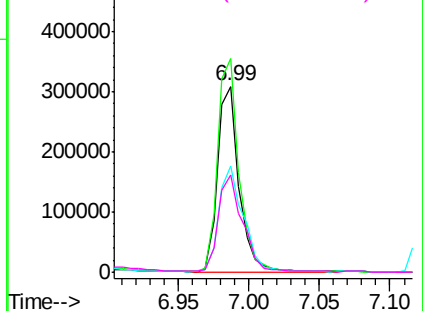
#17
2-Methylphenol
Concen: 38.058 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 326340
Ion Ratio Lower Upper
107 100
108 114.7 91.7 137.5
77 57.4 33.8 50.8#
79 52.5 33.8 50.8#

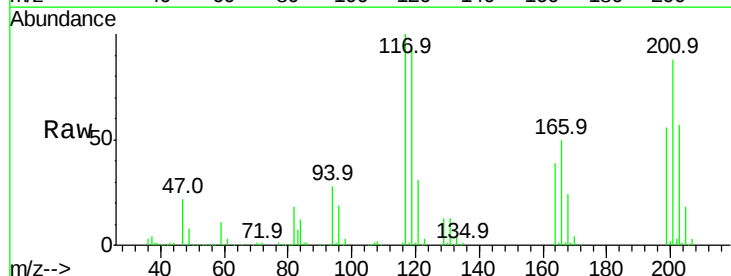


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

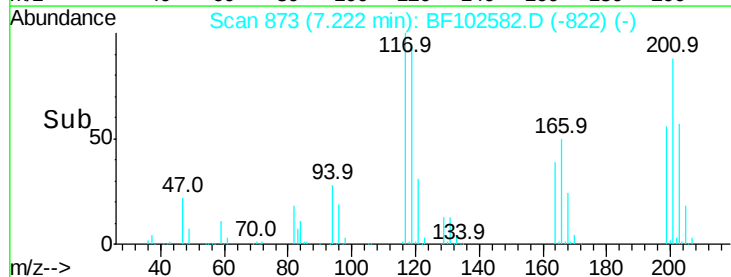
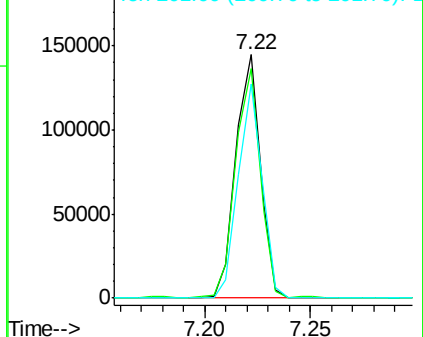


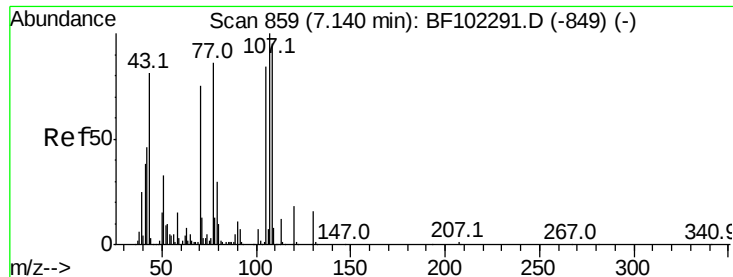
#18
Hexachloroethane
Concen: 28.447 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:117 Resp: 116598
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8
201 87.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

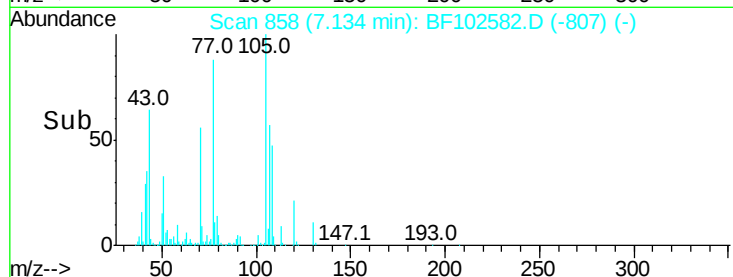
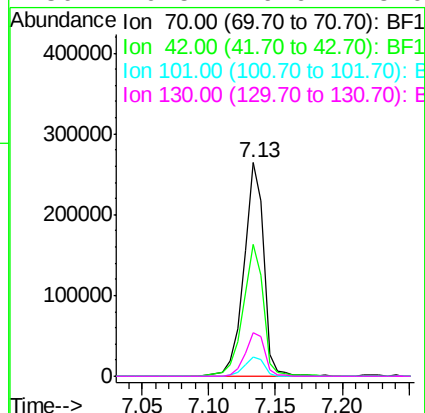
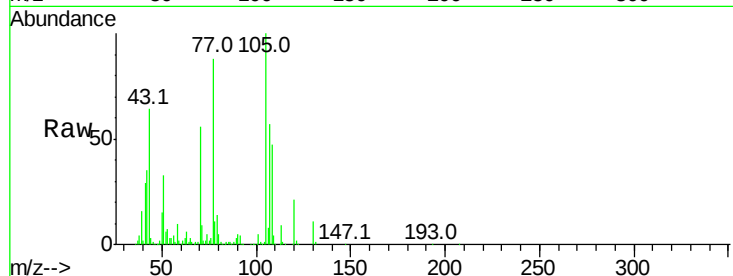




#19
n-Nitroso-di-n-propylamine
Concen: 39.142 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

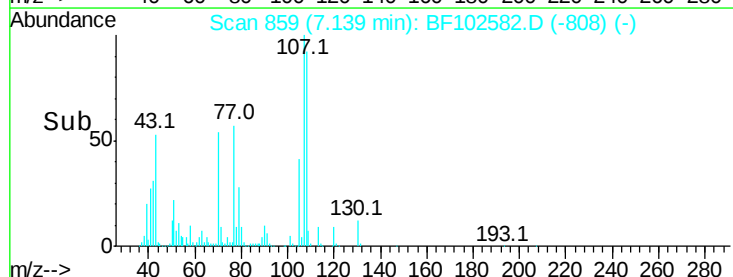
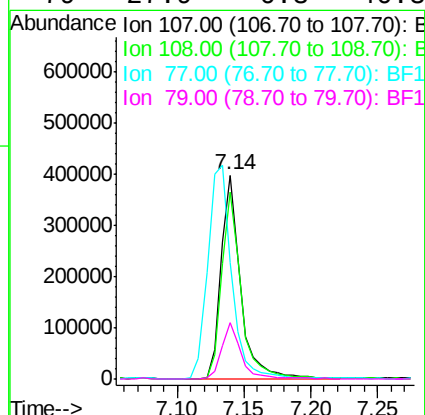
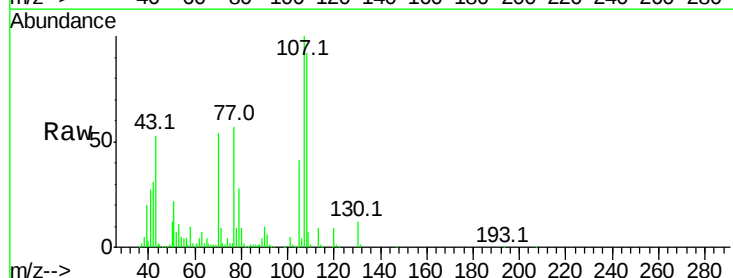
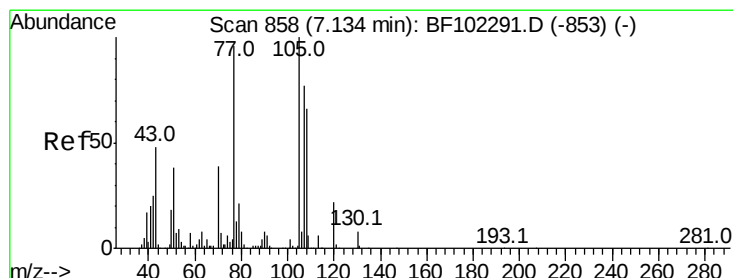
Instrument :
BNA_F
ClientSampleId :

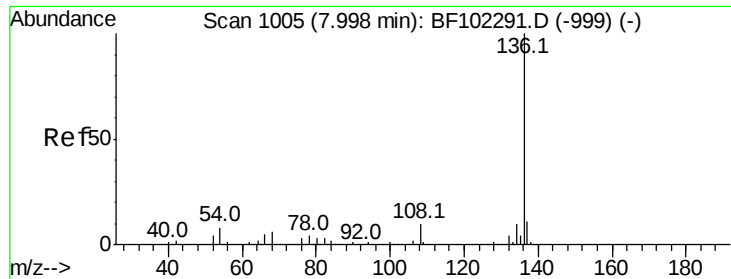
Tot Ion:	70	Resp:	271998
Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.5	71.3
101	9.1	7.4	11.2
130	20.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.097 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:	107	Resp:	414460
Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.2	108.2
77	57.4	26.7	66.7
79	27.9	6.3	46.3

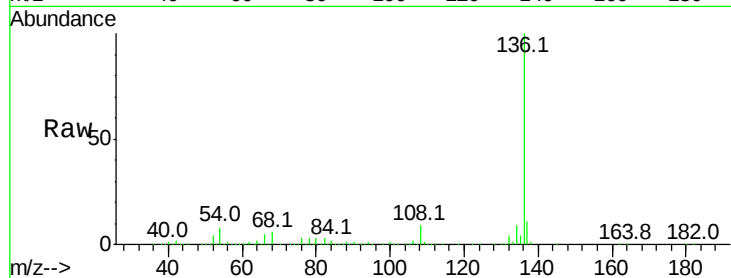




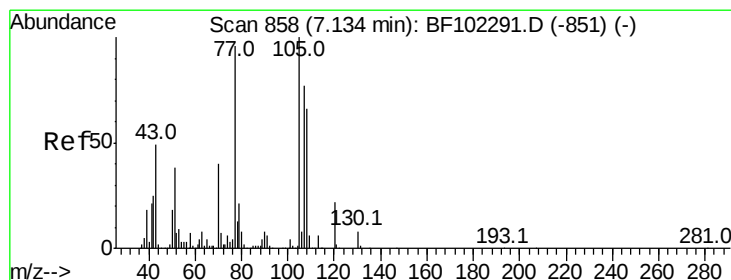
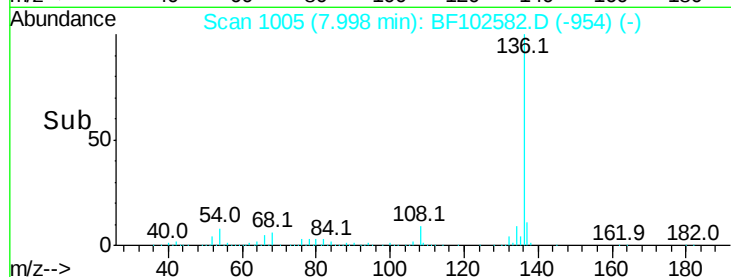
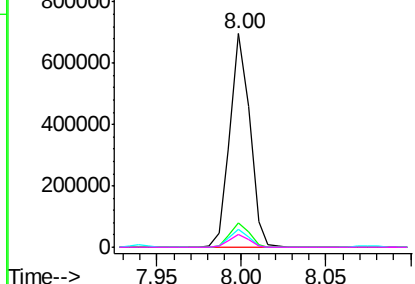
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	572308	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 8.3	6.6	9.8	
68 5.8	5.0	7.4	

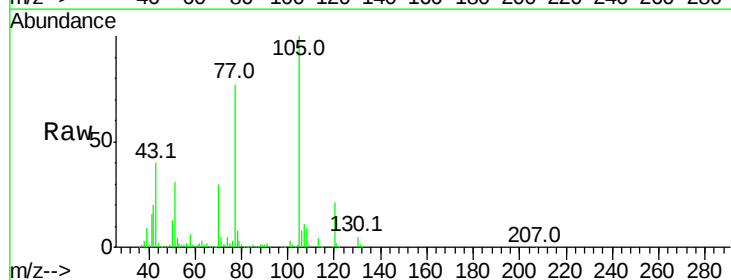


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

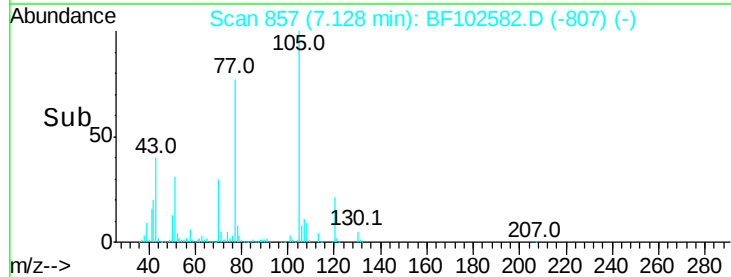
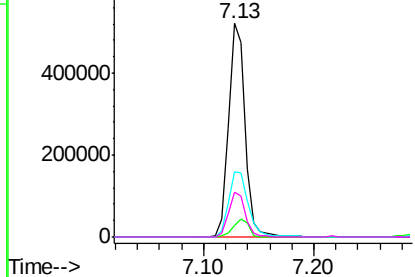


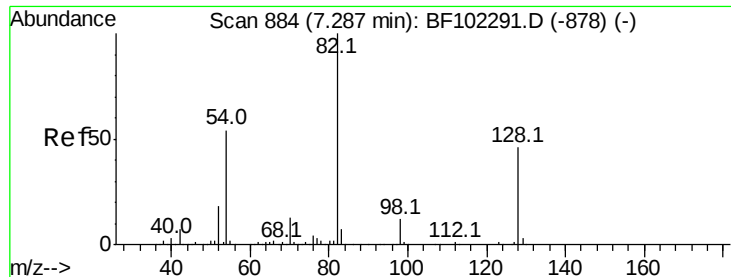
#22
Acetophenone
Concen: 40.344 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt	Ion:105	Resp:	550403
Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.4	6.6
51	30.5	22.3	33.5
120	21.0	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

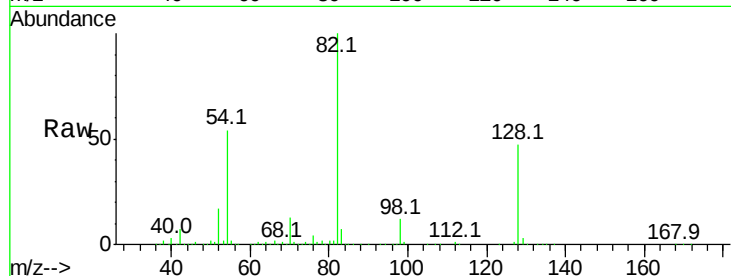




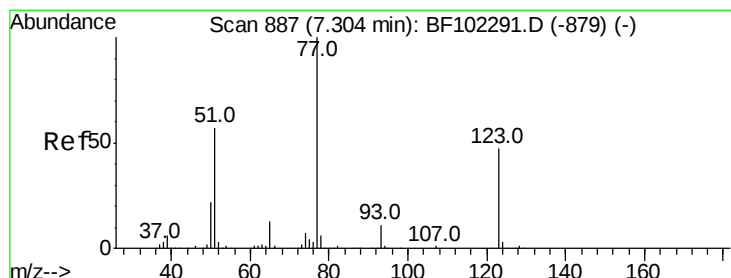
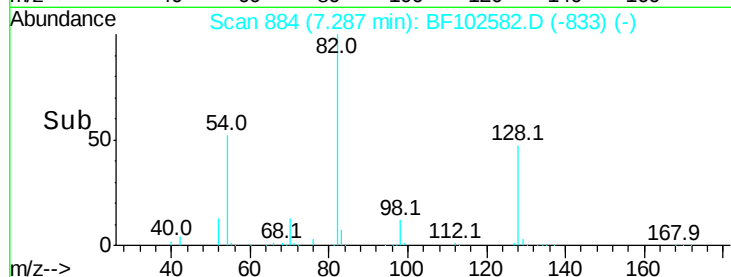
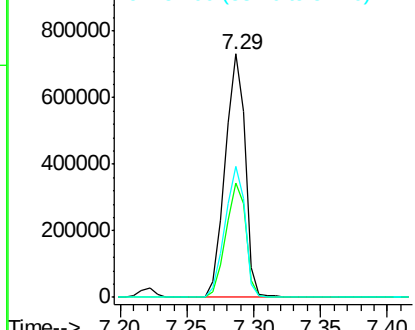
#23
Nitrobenzene-d5
Concen: 78.596 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 782736
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 53.7 41.4 62.2

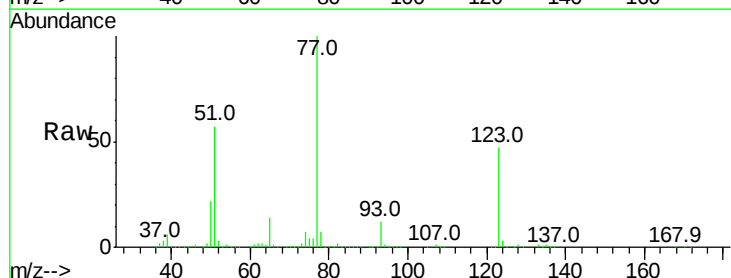


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

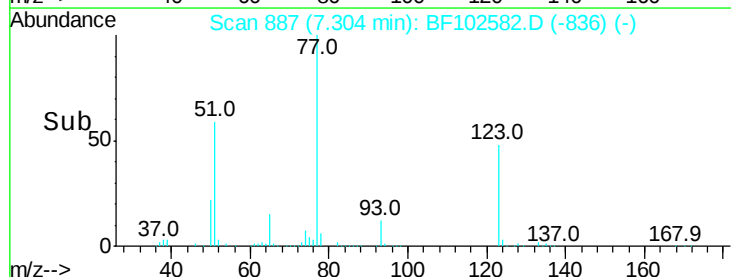
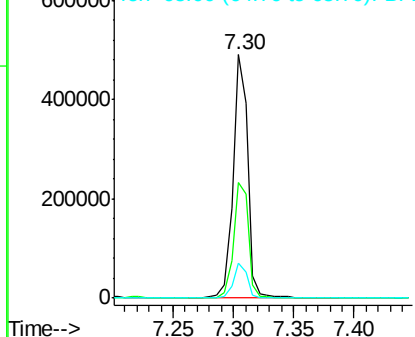


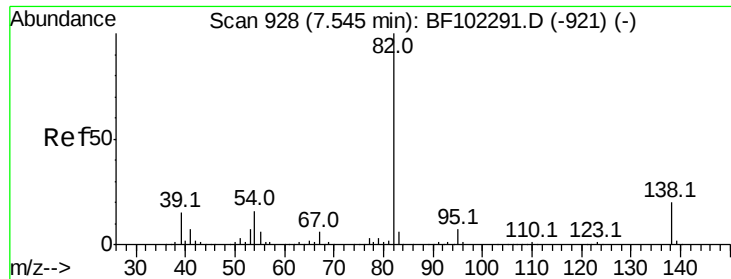
#24
Nitrobenzene
Concen: 40.376 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion: 77 Resp: 411494
Ion Ratio Lower Upper
77 100
123 47.3 37.9 56.9
65 14.1 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: 39.280 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampleId :

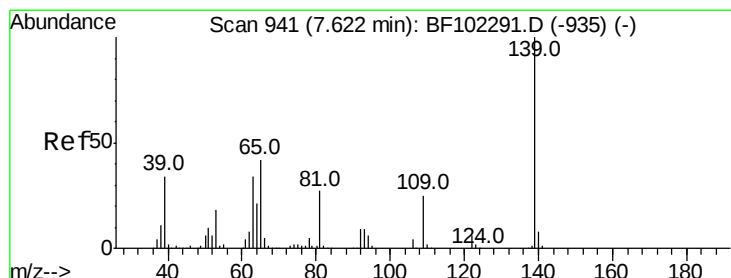
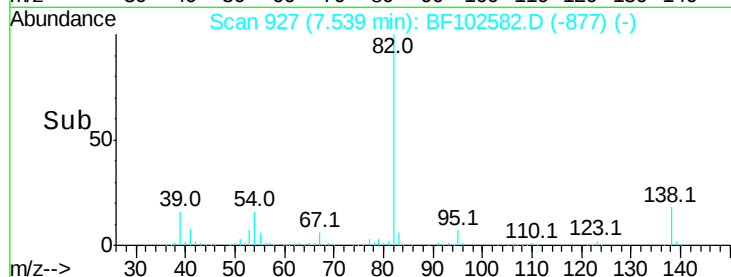
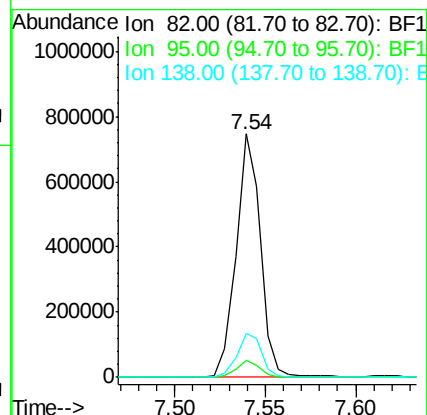
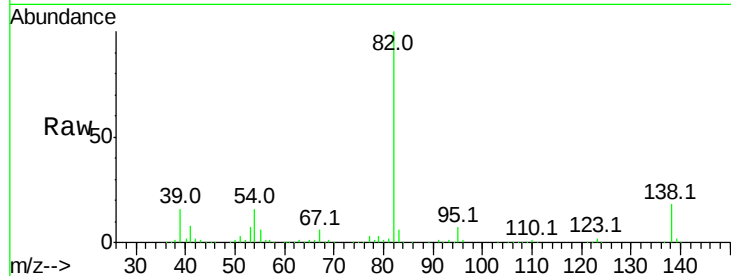
Tot Ion: 82 Resp: 697389

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 28.208 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

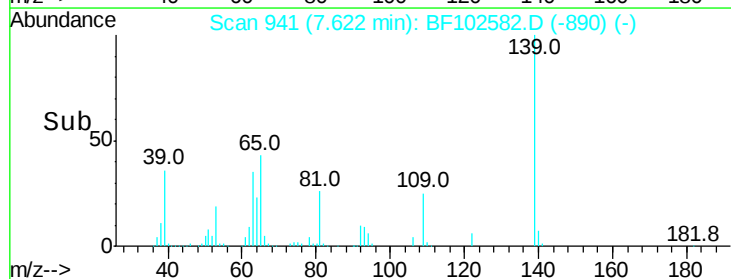
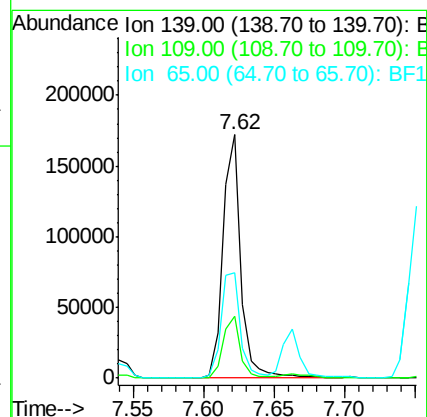
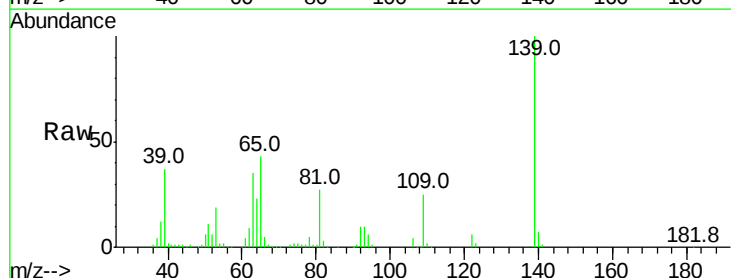
Tgt Ion: 139 Resp: 151306

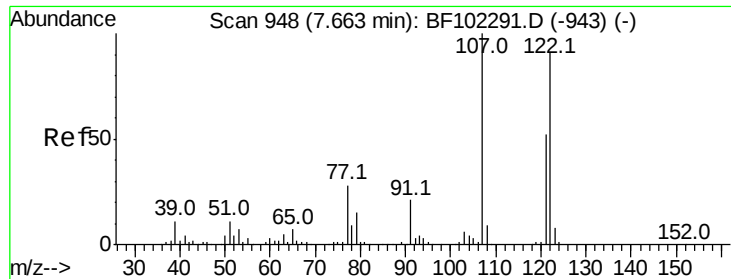
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 43.3 40.5 60.7

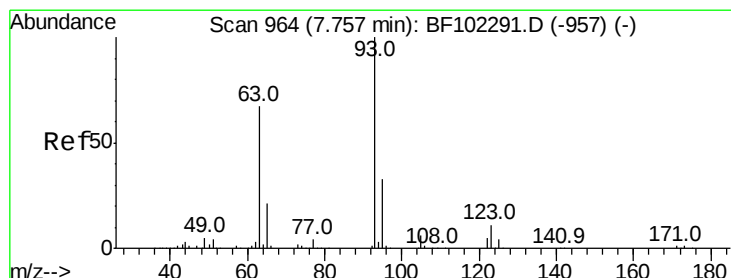
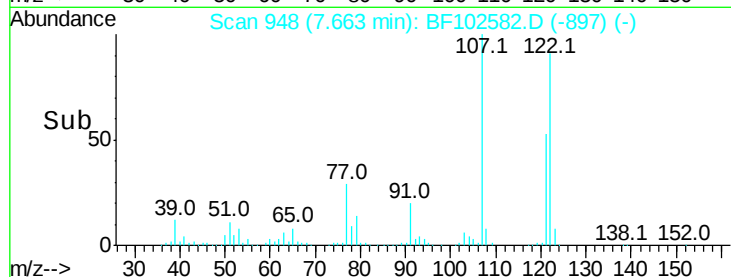
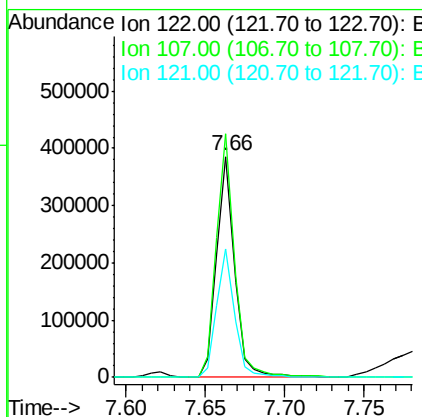
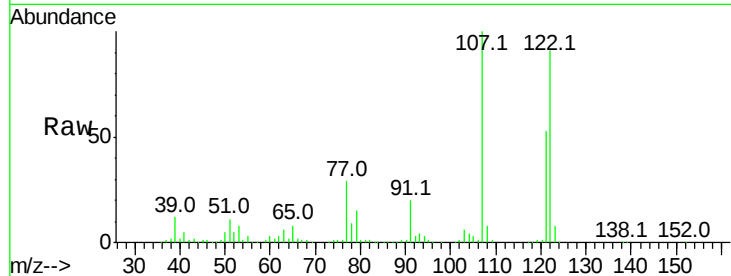




#27
 2,4-Dimethylphenol
 Concen: 39.493 ng
 RT: 7.66 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

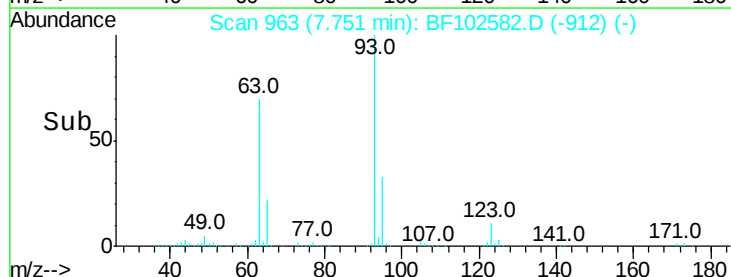
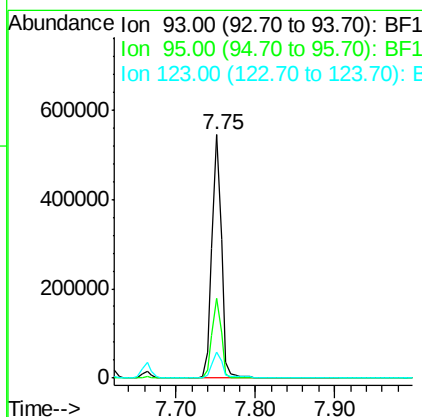
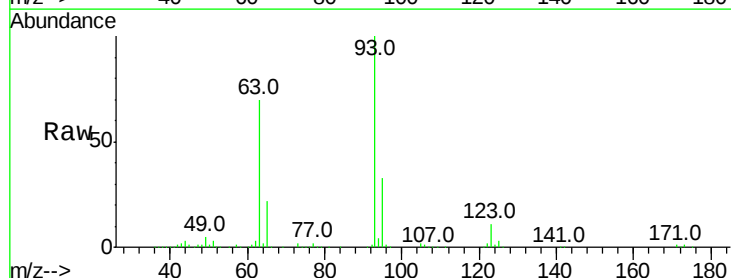
Instrument :
 BNA_F
 ClientSampleId :

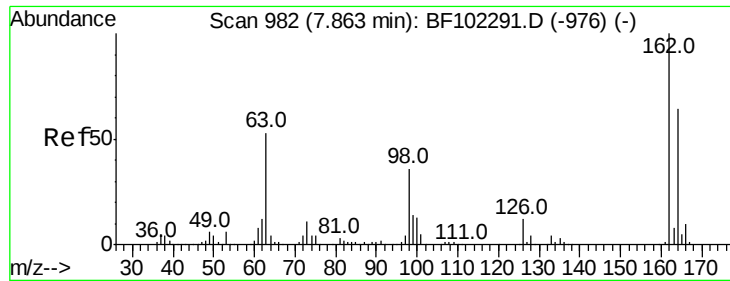
Tot Ion:122 Resp: 307606
 Ion Ratio Lower Upper
 122 100
 107 110.4 91.2 136.8
 121 58.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.439 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion: 93 Resp: 454478
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 10.8 9.8 14.6

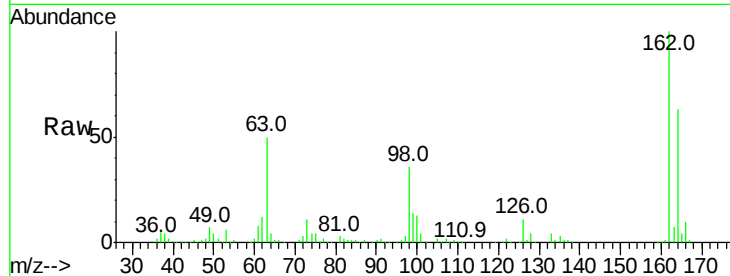




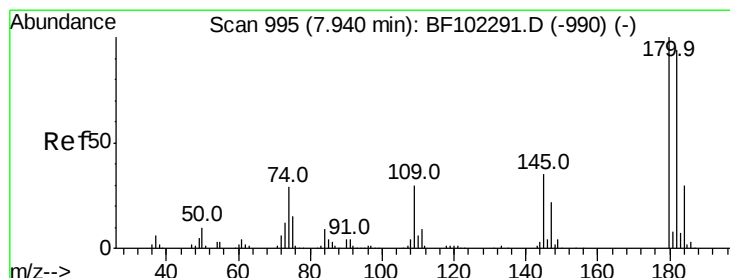
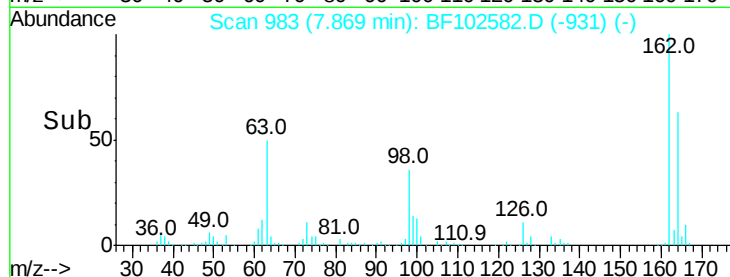
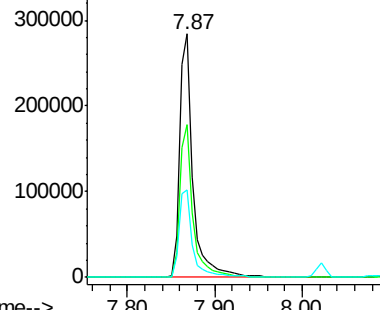
#29
 2,4-Dichlorophenol
 Concen: 37.637 ng
 RT: 7.87 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.7	82.7
98	36.2	18.1	58.1

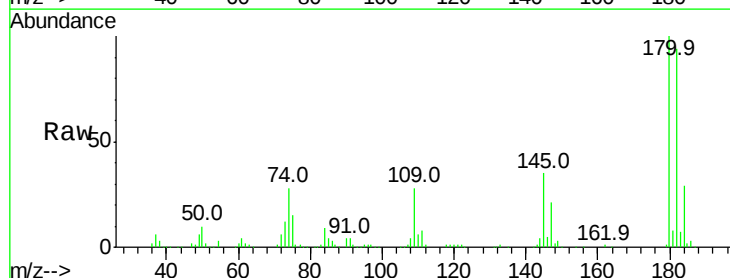


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

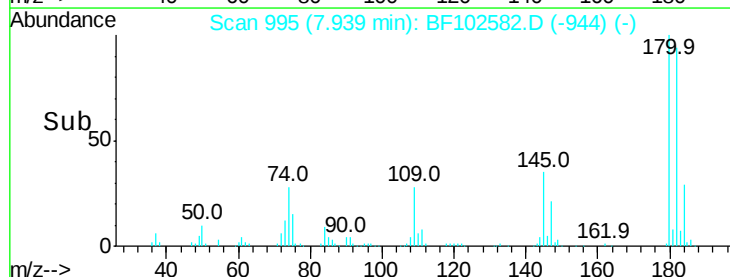
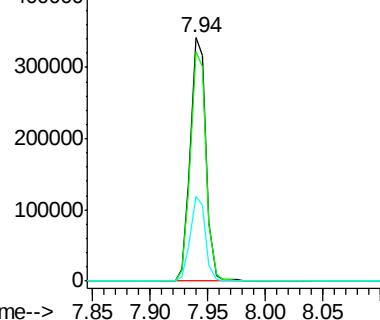


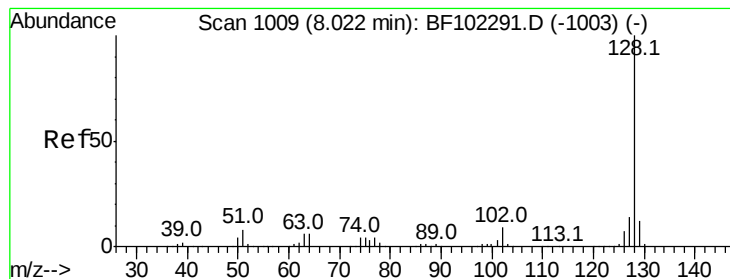
#30
 1,2,4-Trichlorobenzene
 Concen: 37.873 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	34.7	26.5	39.7



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





#31

Naphthalene

Concen: 37.923 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampleId :

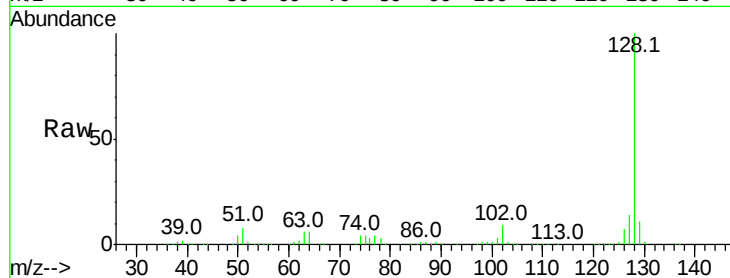
Tot Ion:128 Resp: 1083615

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

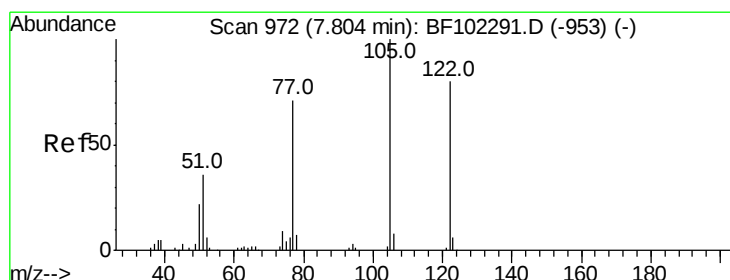
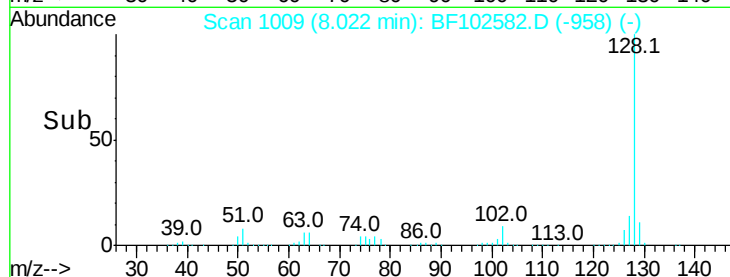
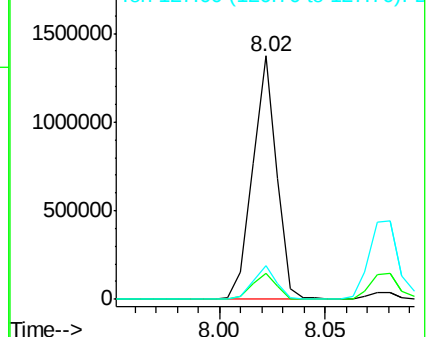
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.368 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

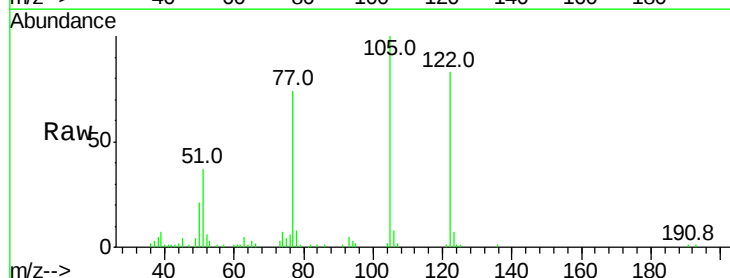
Tgt Ion:122 Resp: 93759

Ion Ratio Lower Upper

122 100

105 120.4 101.1 141.1

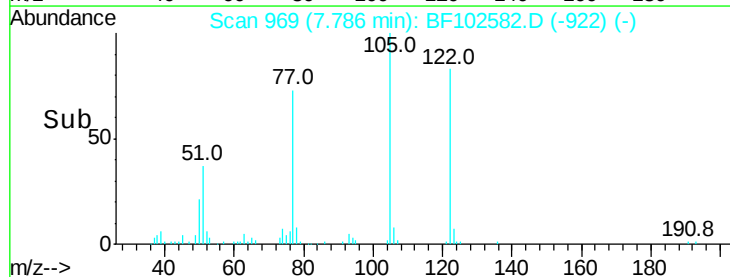
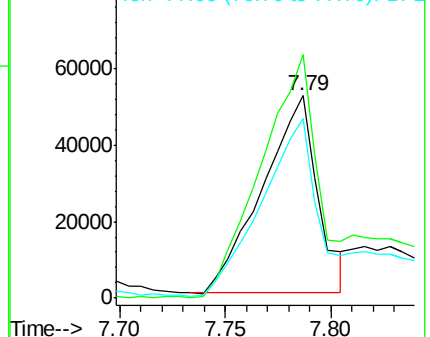
77 89.2 70.7 110.7

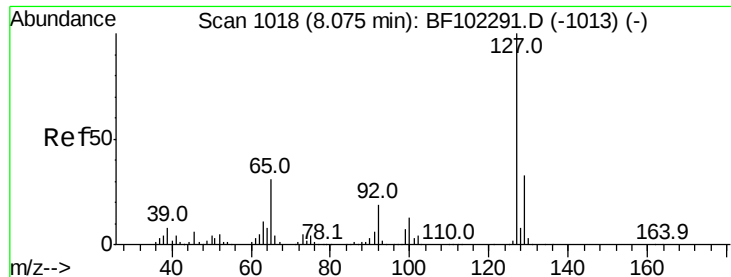


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

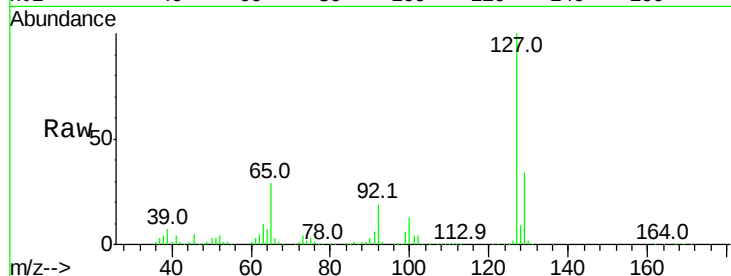




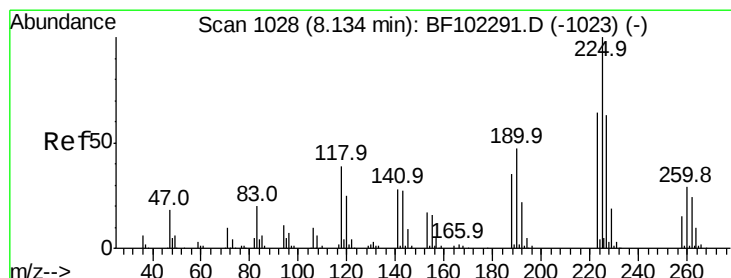
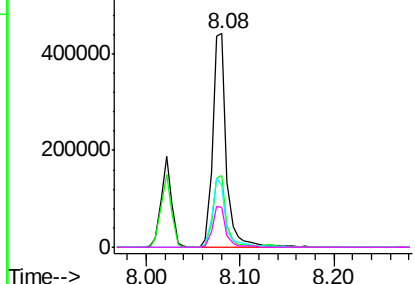
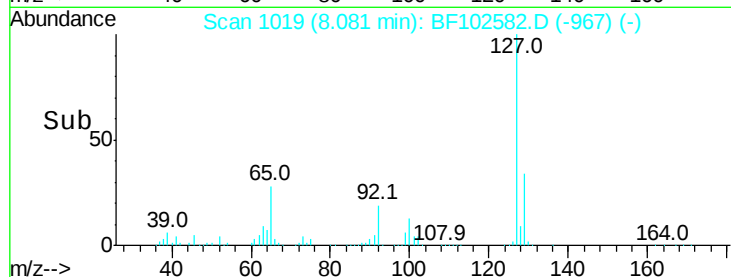
#33
 4-Chloroaniline
 Concen: 38.231 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	459385
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.9	38.9
65	28.9	25.0	37.4
92	18.6	15.2	22.8

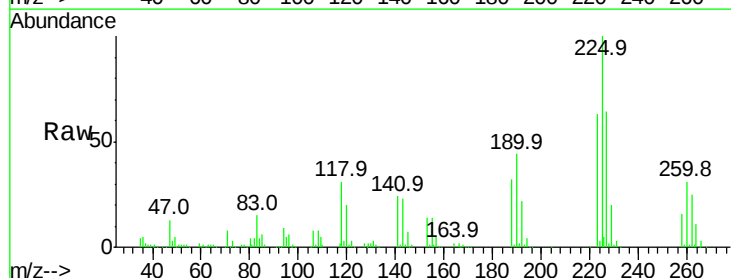


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

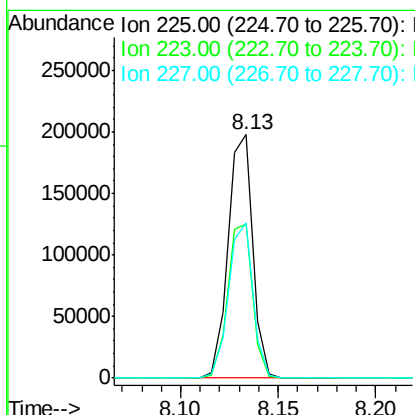
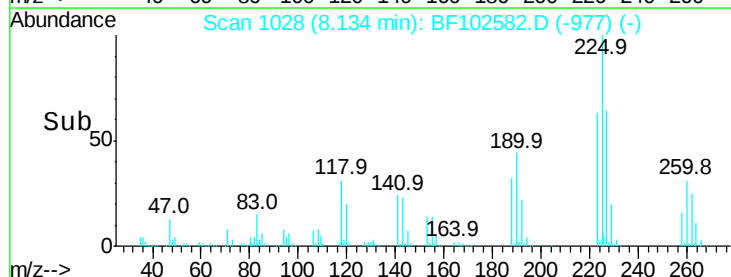


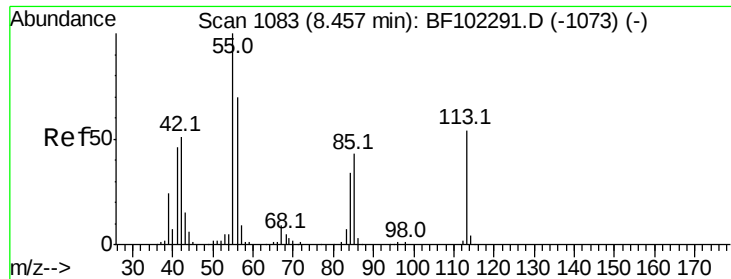
#34
 Hexachlorobutadiene
 Concen: 38.136 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion:	225	Resp:	173227
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.0	51.9	77.9



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





#35

Caprolactam

Concen: 35.996 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampled :

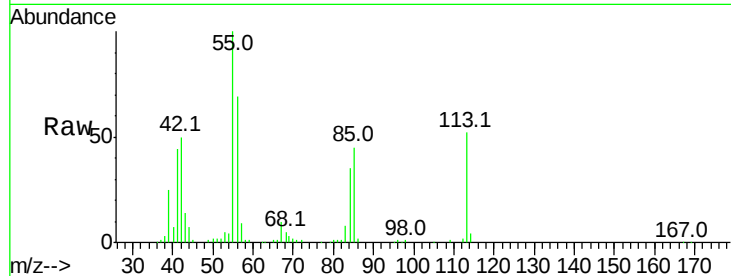
Tot Ion:113 Resp: 94318

Ion Ratio Lower Upper

113 100

55 194.1 163.3 203.3

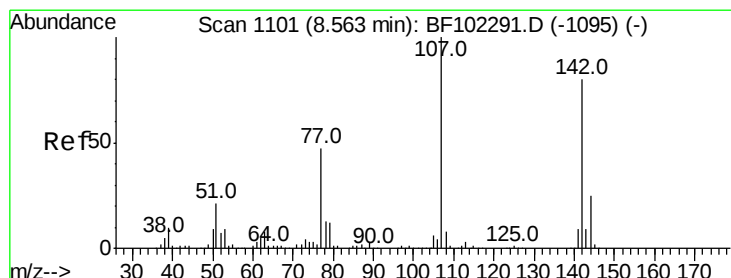
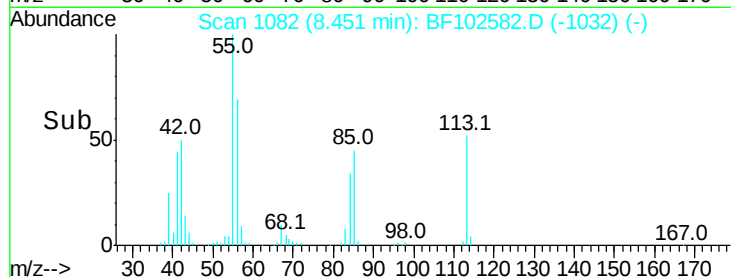
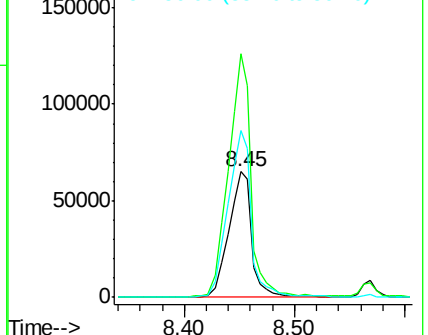
56 133.0 115.7 155.7



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: 36.025 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

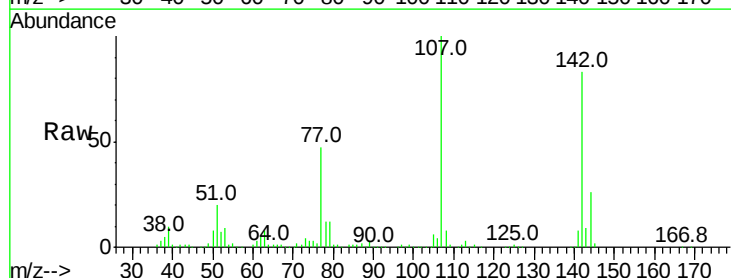
Tgt Ion:107 Resp: 301276

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

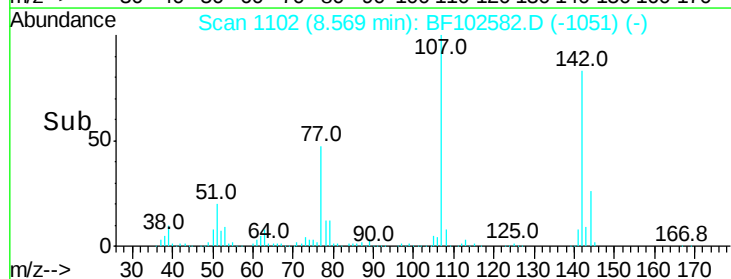
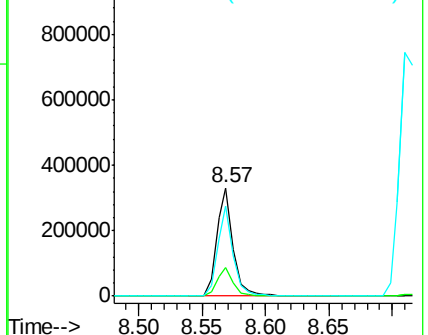
142 82.9 62.0 93.0

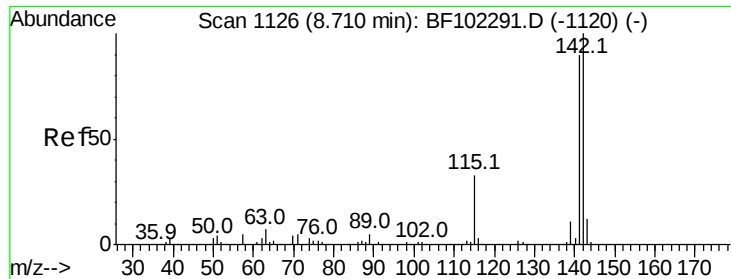


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

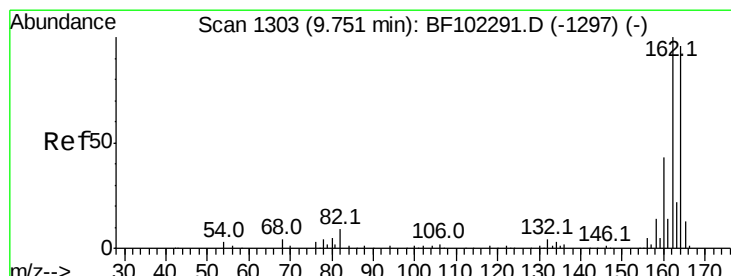
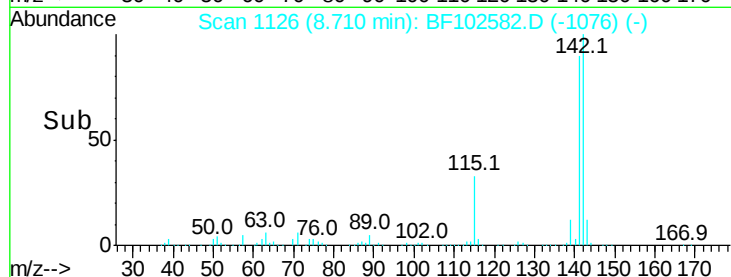
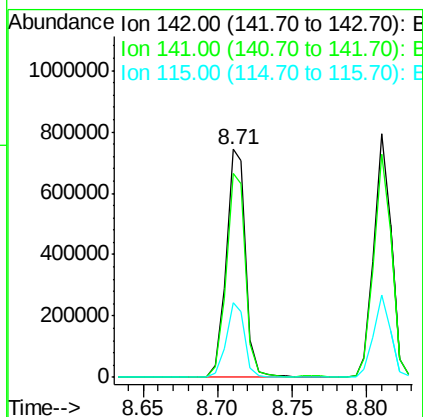
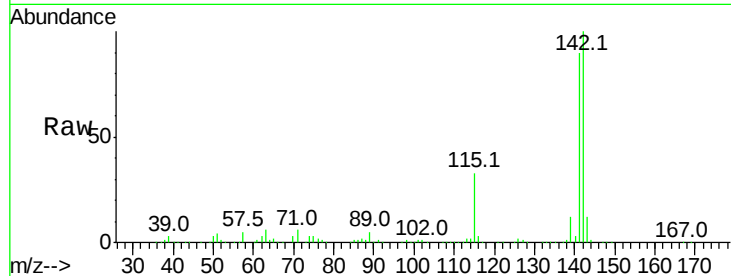




#37
2-Methylnaphthalene
Concen: 36.125 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

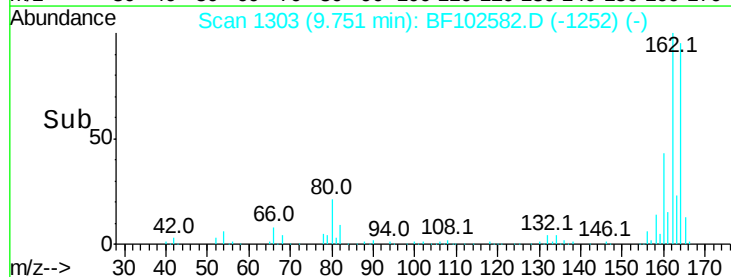
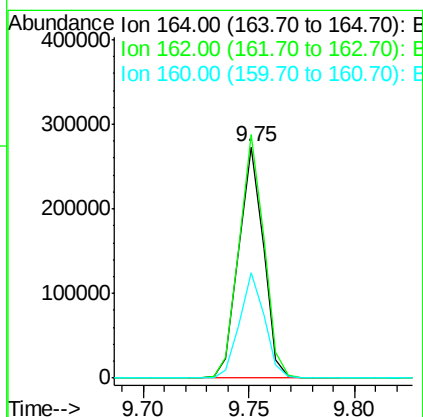
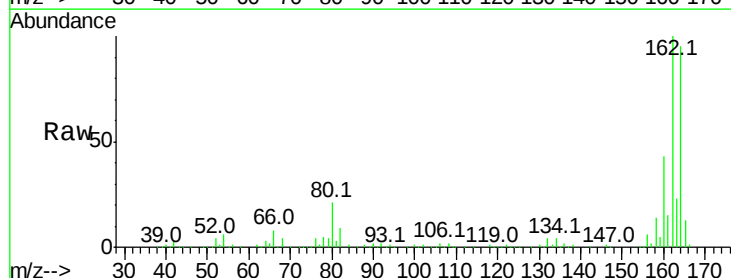
Instrument :
BNA_F
ClientSampled :

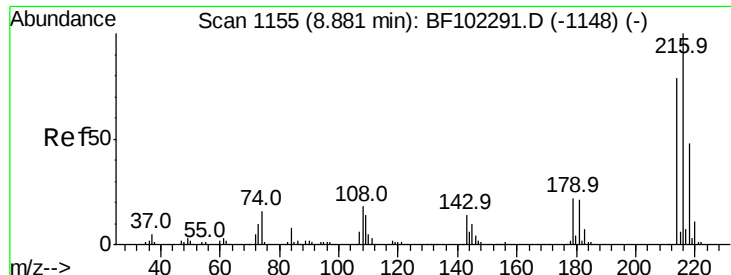
Tot Ion:142 Resp: 687446
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
115 32.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:164 Resp: 220695
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.6 38.3 57.5

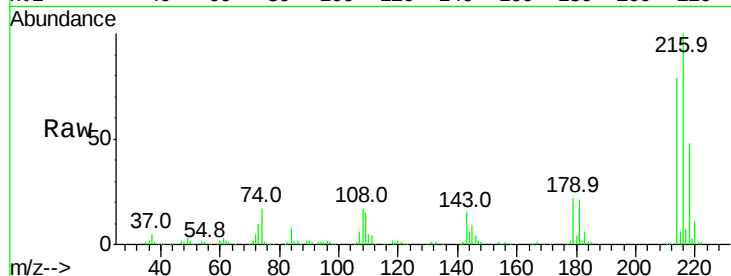




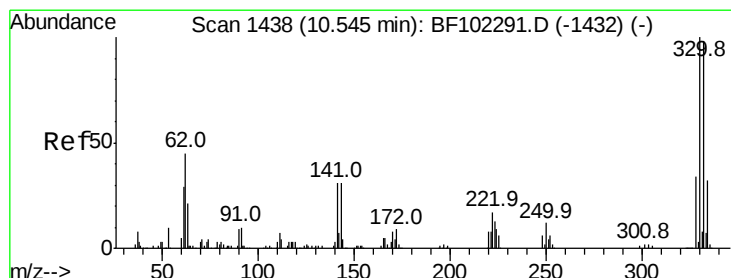
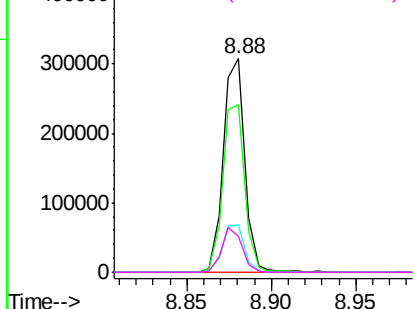
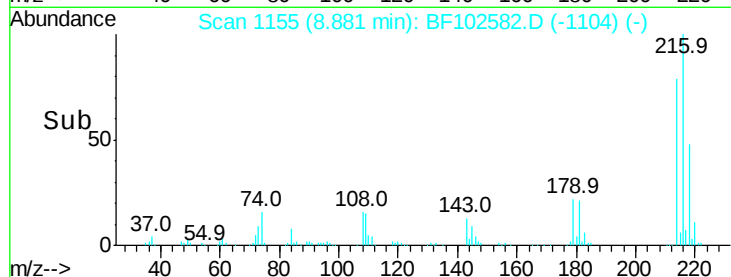
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.036 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	272473
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.0	94.4
179	22.6	18.1	27.1
108	20.3	17.2	25.8

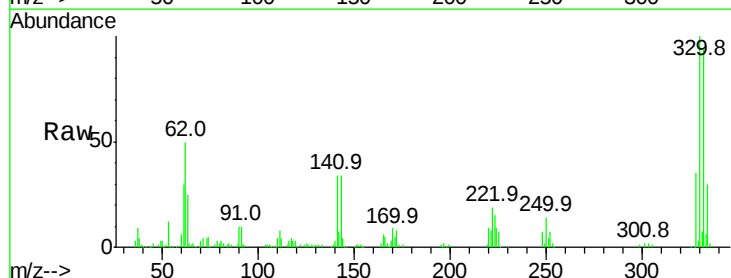


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

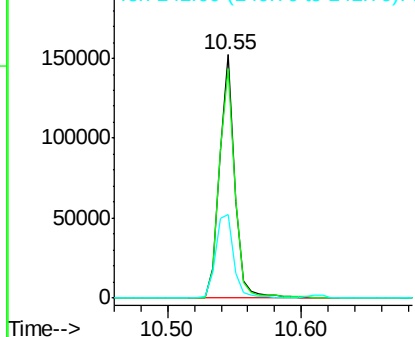
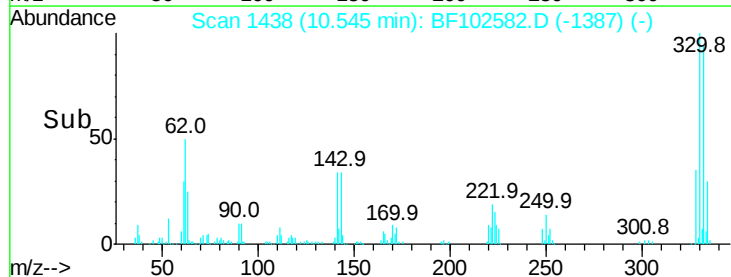


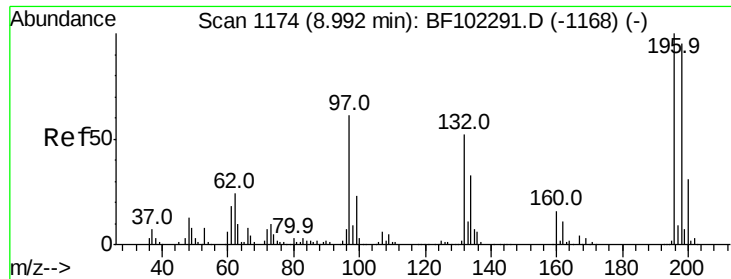
#41
 2,4,6-Tribromophenol
 Concen: 56.405 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion:	330	Resp:	123345
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.0	115.6
141	41.1	29.9	44.9



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

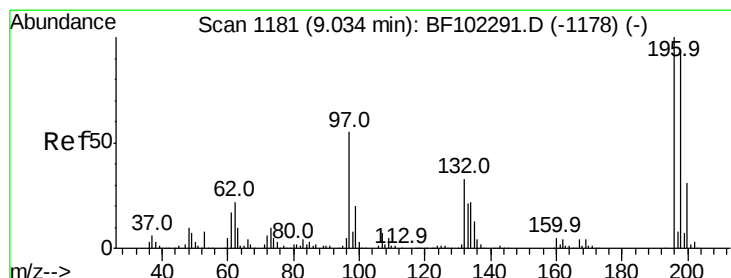
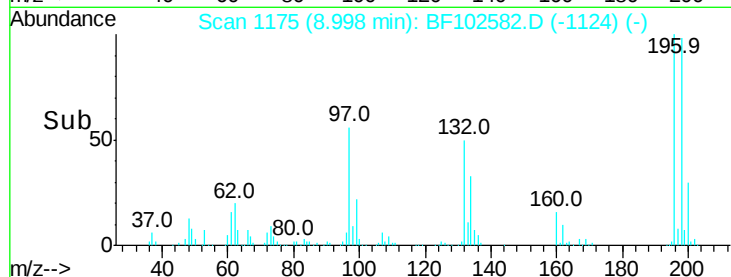
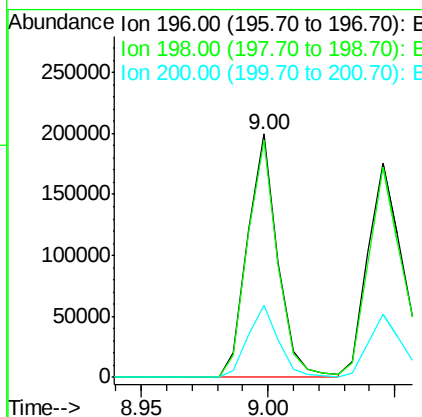
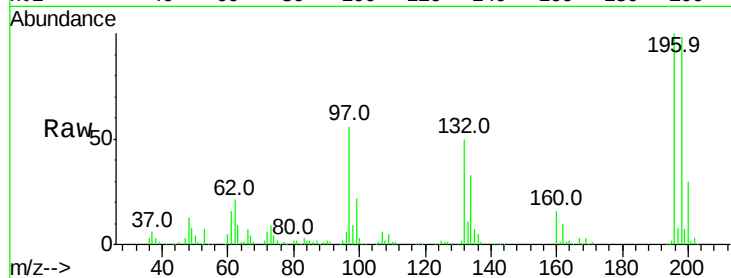




#42
 2,4,6-Trichlorophenol
 Concen: 37.245 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

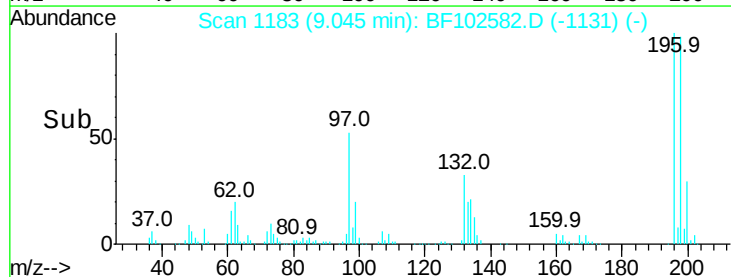
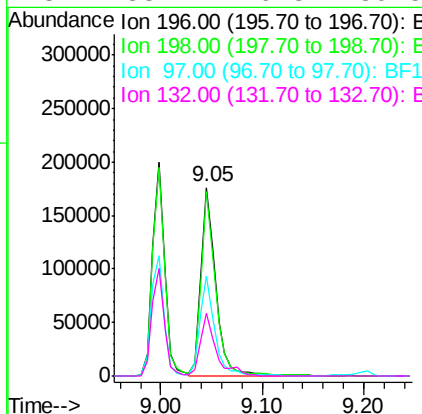
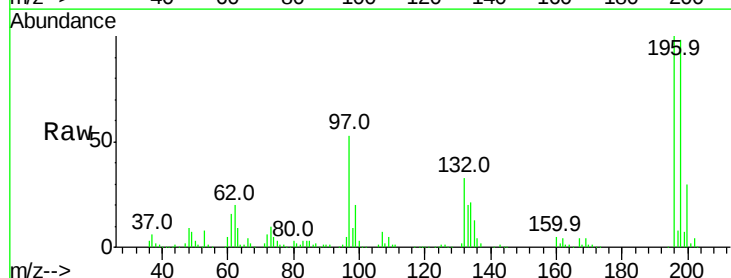
Instrument :
 BNA_F
 ClientSampled :

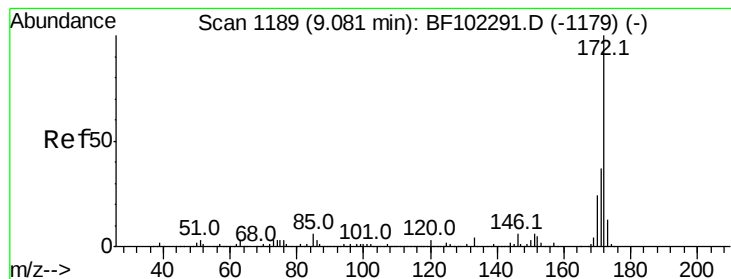
Tot Ion:196 Resp: 165551
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.7 113.5
 200 29.5 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 36.475 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion:196 Resp: 182544
 Ion Ratio Lower Upper
 196 100
 198 98.0 74.6 112.0
 97 53.1 42.9 64.3
 132 33.1 26.3 39.5



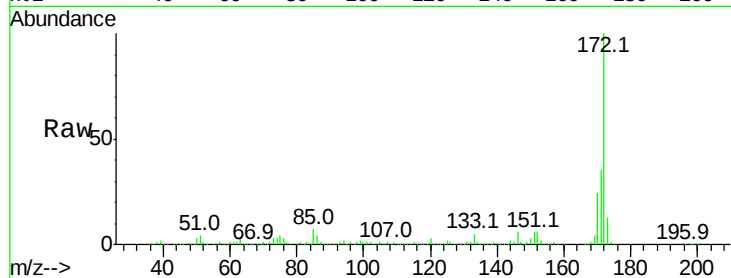


#44
 2-Fluorobiphenyl
 Concen: 84.243 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

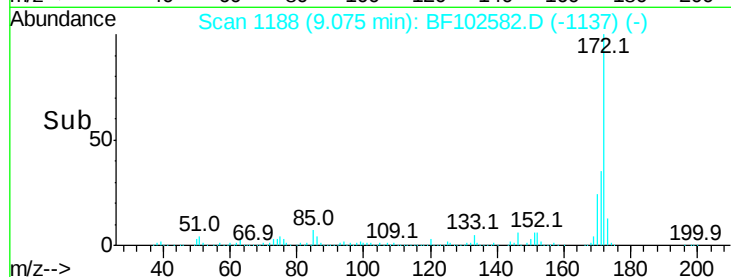
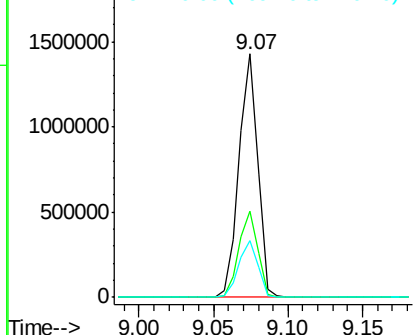
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1264454

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4



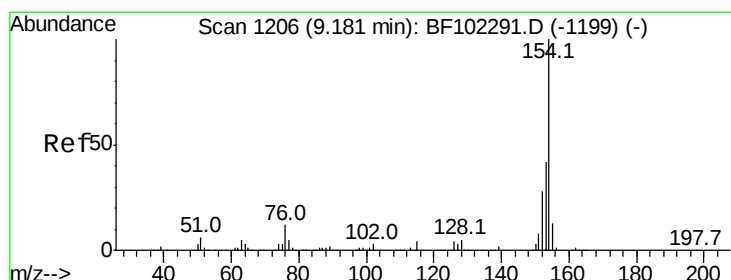
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



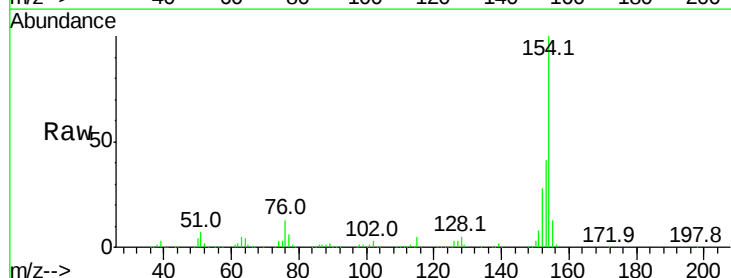
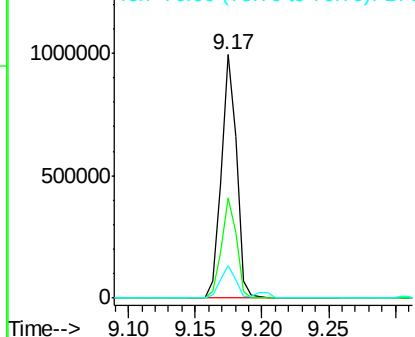
#45
 1,1'-Biphenyl
 Concen: 40.825 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

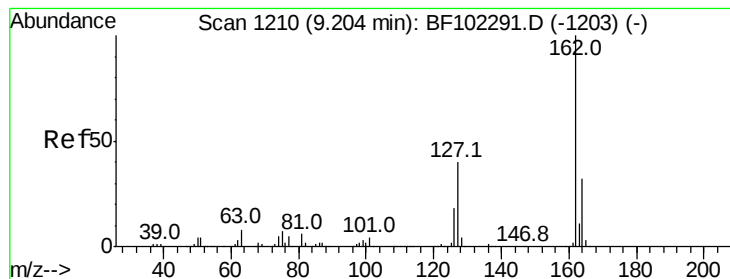
Tgt Ion:154 Resp: 805627

Ion	Ratio	Lower	Upper
154	100		
153	41.0	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: 39.863 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampled :

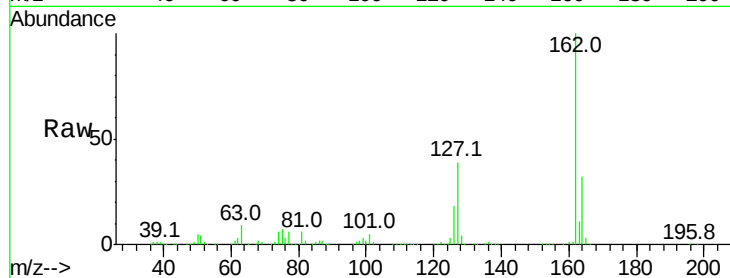
Tot Ion:162 Resp: 611458

Ion Ratio Lower Upper

162 100

127 39.4 33.9 50.9

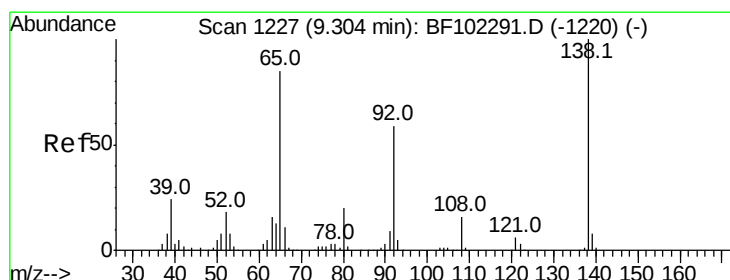
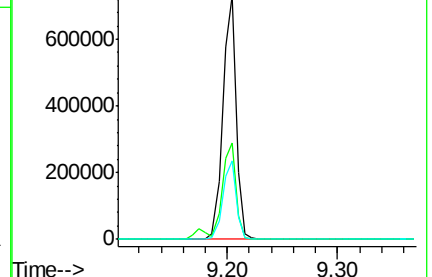
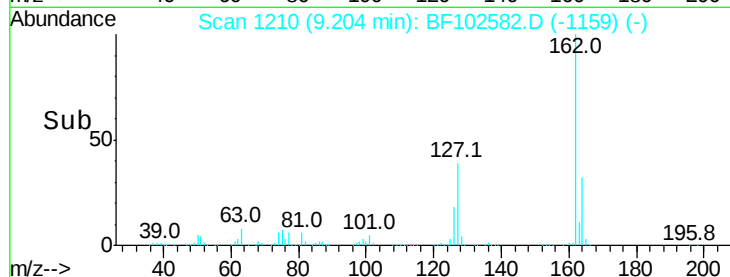
164 32.4 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 43.678 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

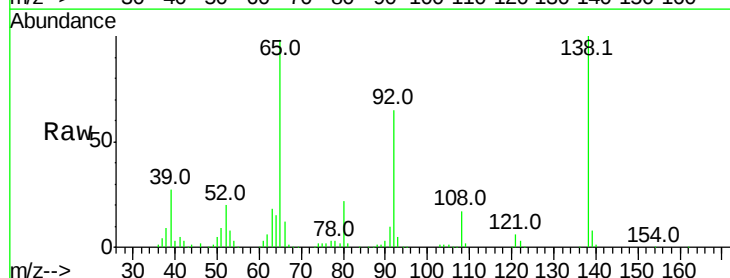
Tgt Ion: 65 Resp: 208871

Ion Ratio Lower Upper

65 100

92 66.4 55.8 83.6

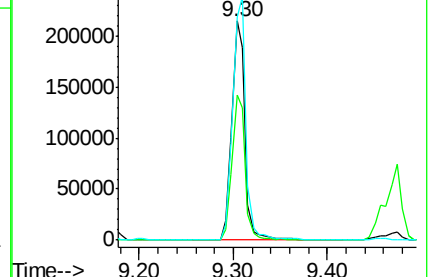
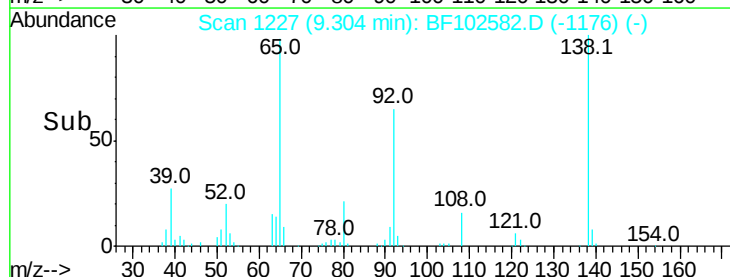
138 101.9 91.2 136.8

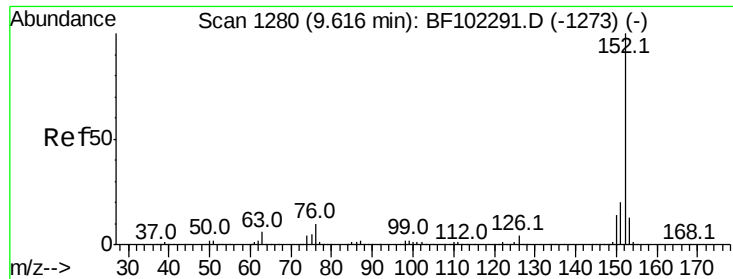


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 38.064 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampled :

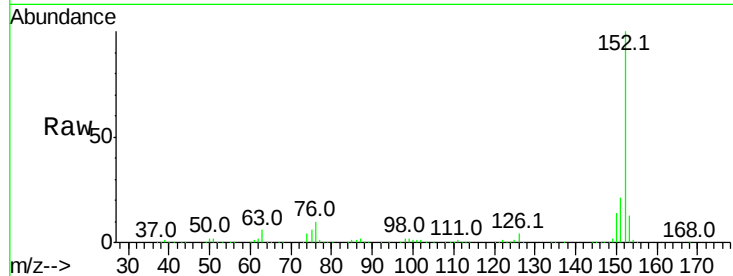
Tot Ion:152 Resp: 909605

Ion Ratio Lower Upper

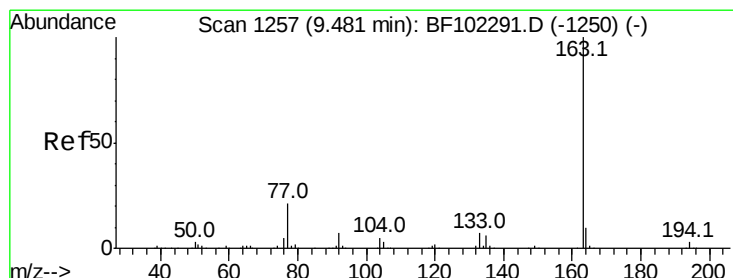
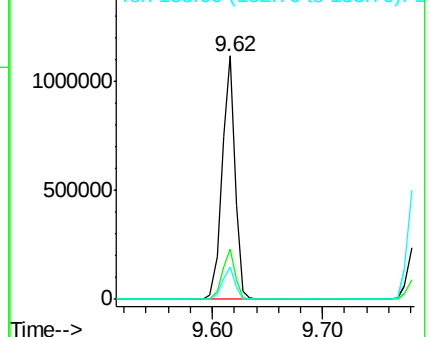
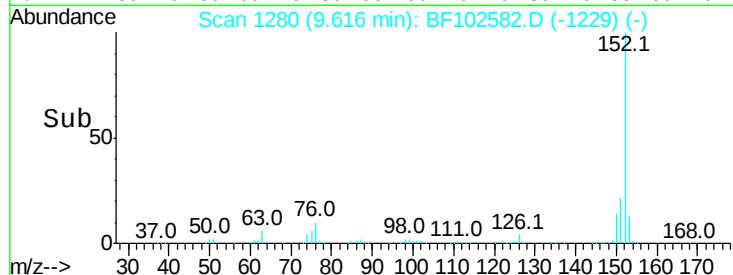
152 100

151 20.7 16.3 24.5

153 13.1 10.7 16.1



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



#49

Dimethylphthalate

Concen: 40.024 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

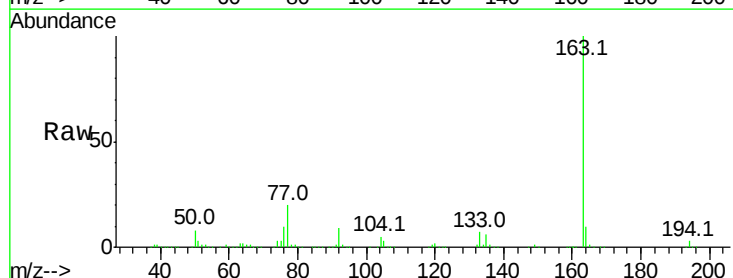
Tgt Ion:163 Resp: 730116

Ion Ratio Lower Upper

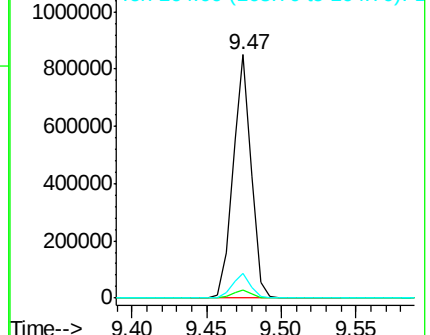
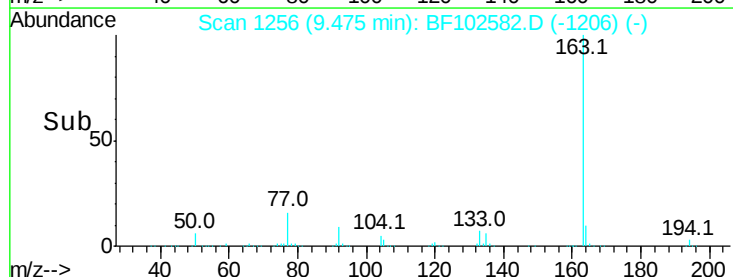
163 100

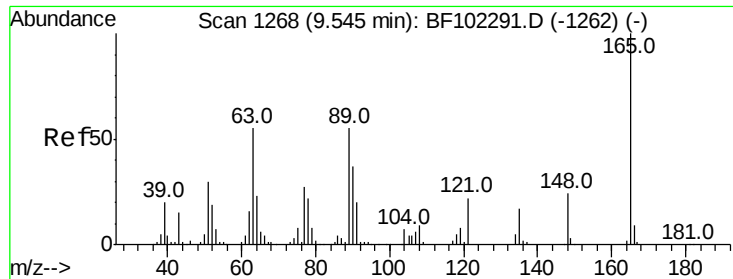
194 3.5 2.7 4.1

164 10.4 8.2 12.2



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

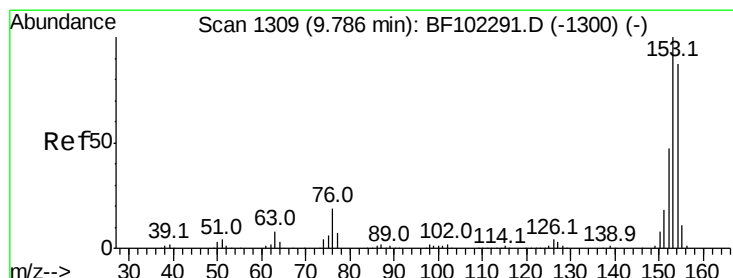
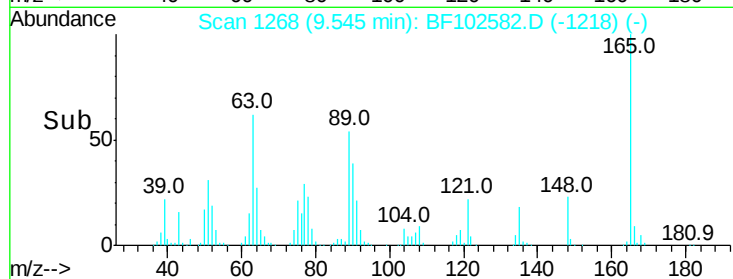
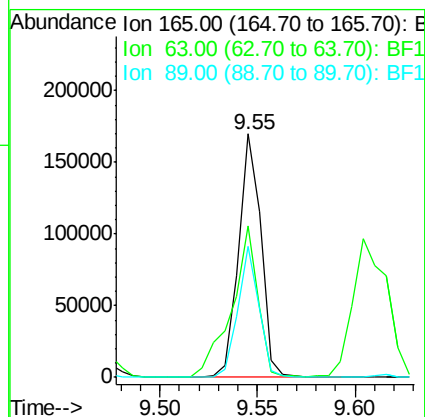
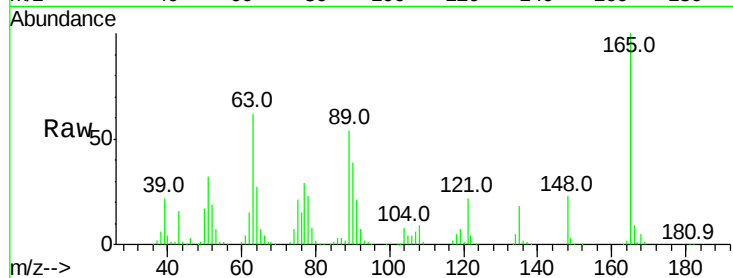




#50
 2,6-Dinitrotoluene
 Concen: 34.193 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

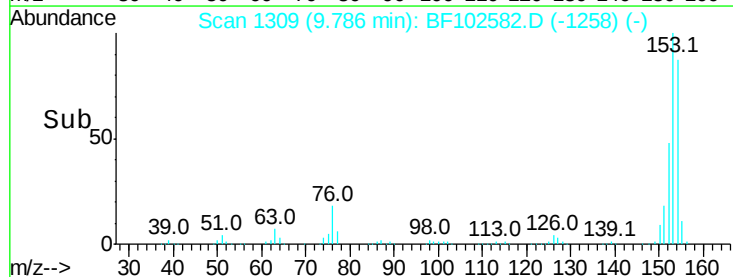
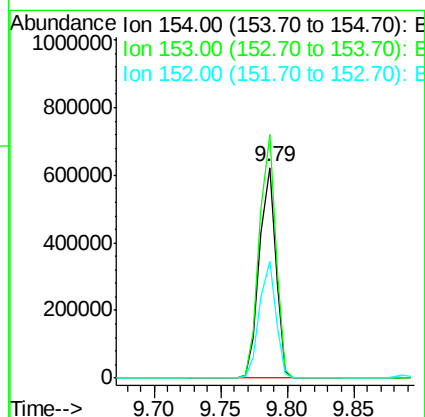
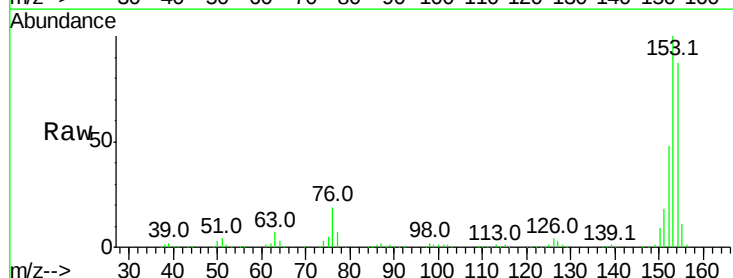
Instrument :
 BNA_F
 ClientSampled :

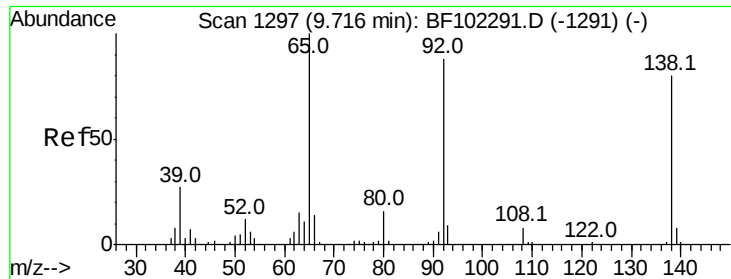
Tot Ion:165 Resp: 134480
 Ion Ratio Lower Upper
 165 100
 63 62.0 44.7 67.1
 89 53.9 44.0 66.0



#51
 Acenaphthene
 Concen: 37.572 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion:154 Resp: 524376
 Ion Ratio Lower Upper
 154 100
 153 115.5 91.2 136.8
 152 55.2 43.8 65.8

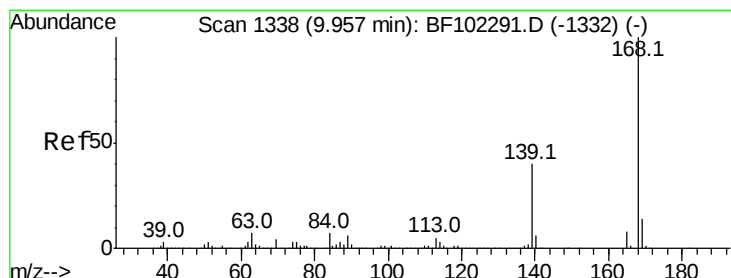
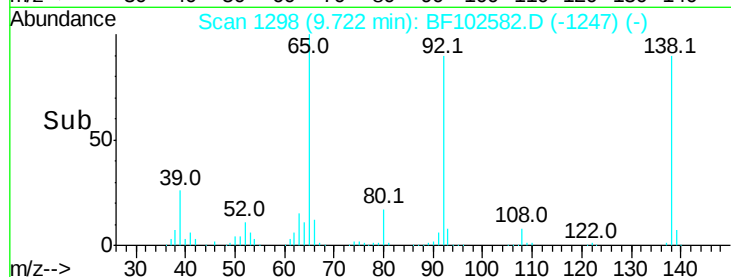
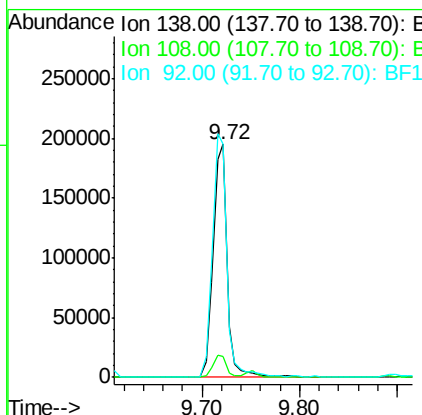
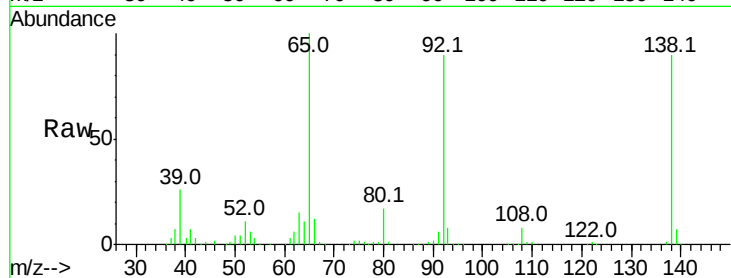




#52
3-Nitroaniline
Concen: 41.986 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

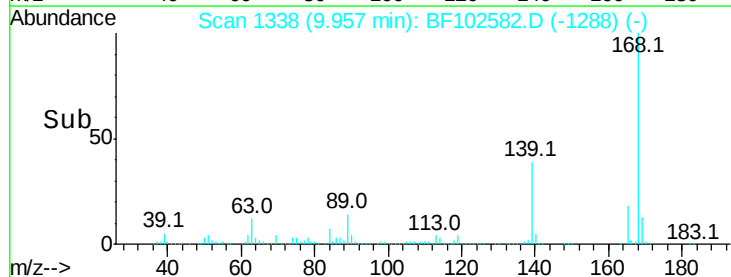
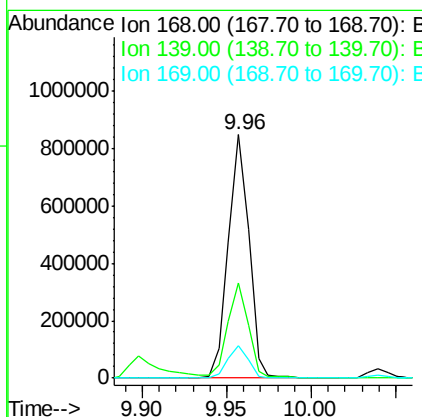
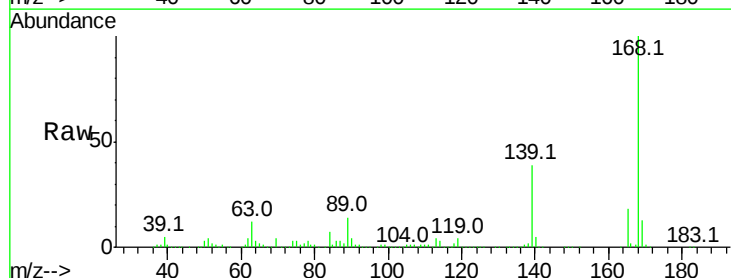
Instrument :
BNA_F
ClientSampleId :

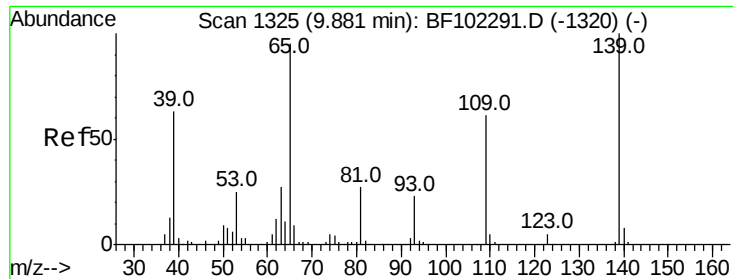
Tot Ion:138 Resp: 195345
Ion Ratio Lower Upper
138 100
108 9.2 9.4 14.0#
92 100.3 89.4 134.2



#54
Dibenzofuran
Concen: 38.376 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:168 Resp: 724860
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 13.3 10.9 16.3

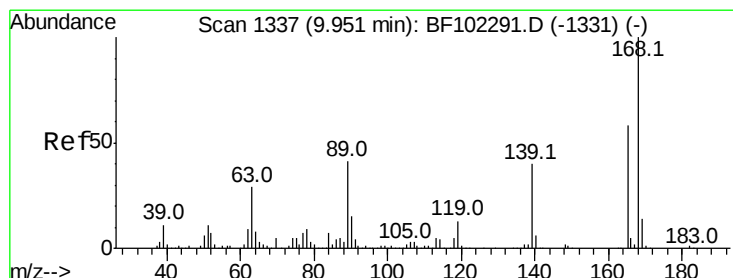
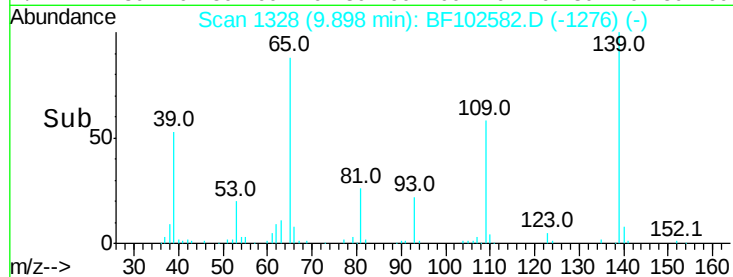
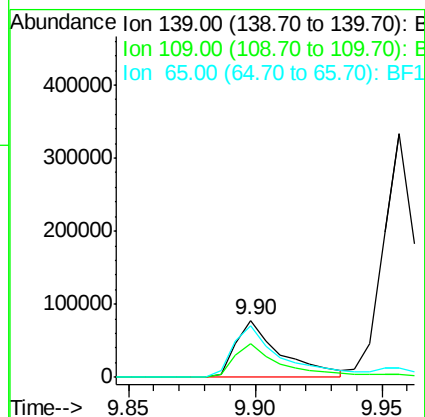
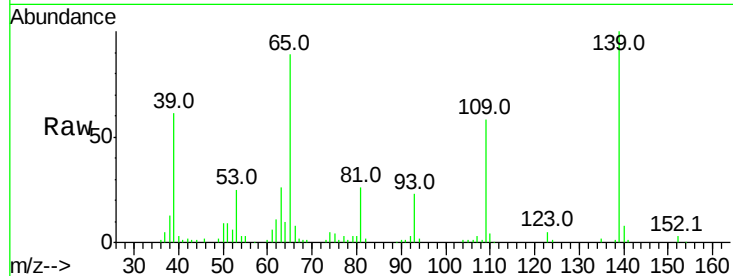




#55
4-Nitrophenol
Concen: 31.542 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

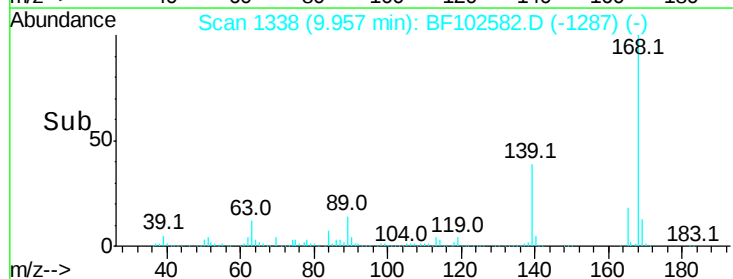
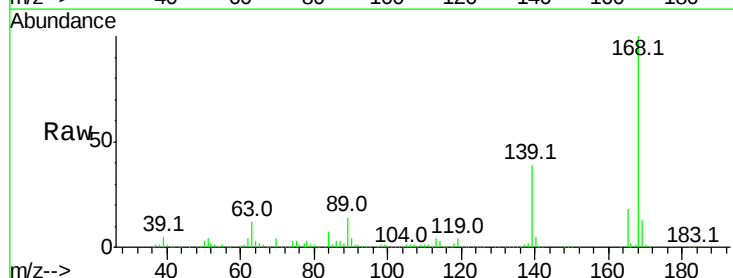
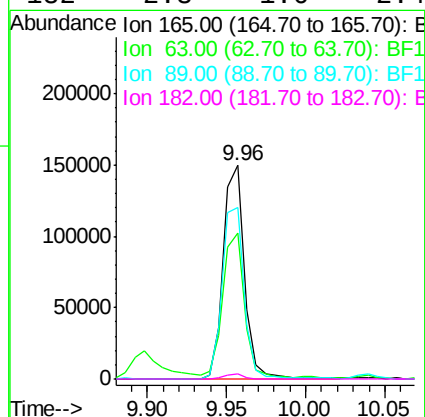
Instrument :
BNA_F
ClientSampleId :

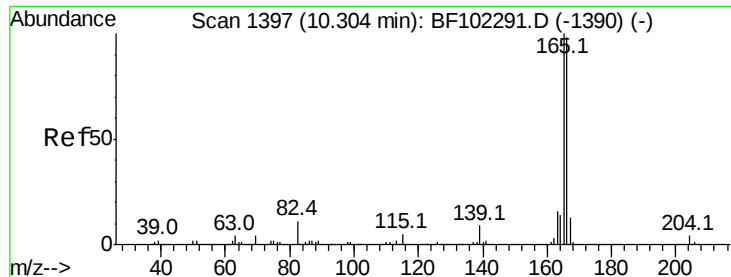
Tot Ion:139 Resp: 96871
Ion Ratio Lower Upper
139 100
109 58.1 48.4 88.4
65 89.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 28.693 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:165 Resp: 138772
Ion Ratio Lower Upper
165 100
63 68.1 36.4 54.6#
89 80.1 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 37.486 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampleId :

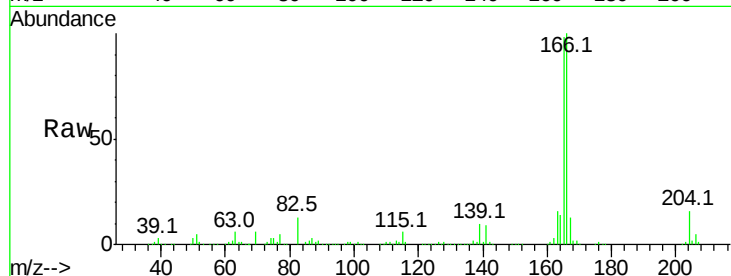
Tot Ion:166 Resp: 561059

Ion Ratio Lower Upper

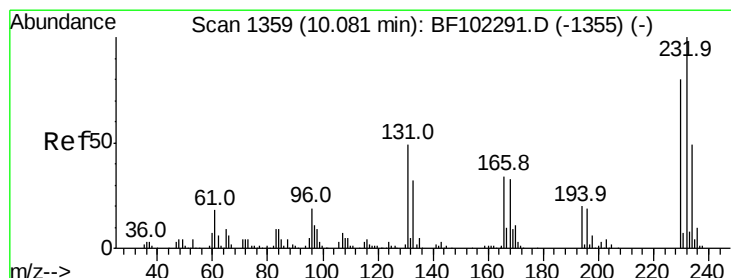
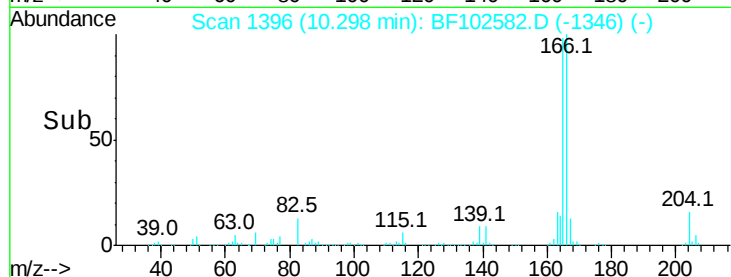
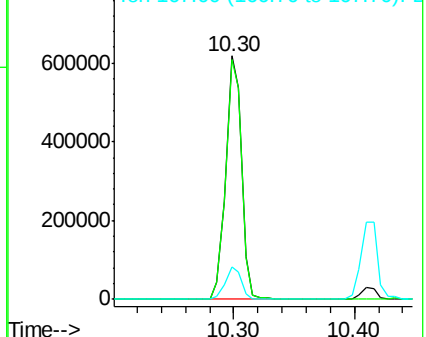
166 100

165 98.3 79.8 119.8

167 13.3 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: 31.344 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Tgt Ion:232 Resp: 112000

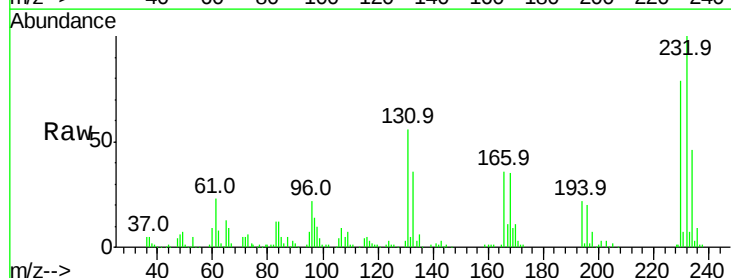
Ion Ratio Lower Upper

232 100

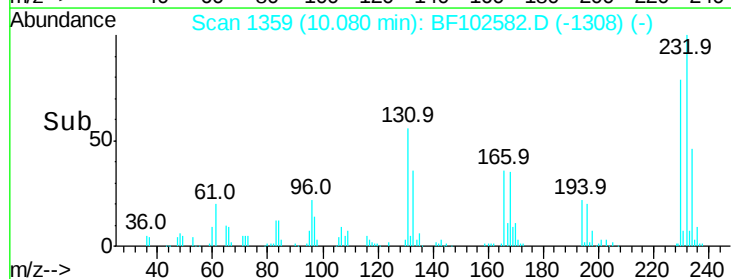
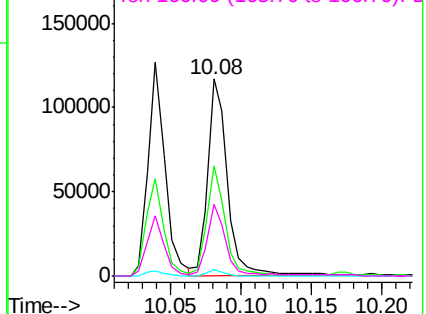
131 53.6 43.8 65.8

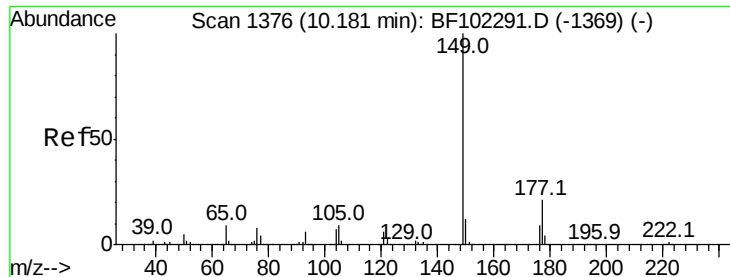
130 2.5 2.1 3.1

166 33.9 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

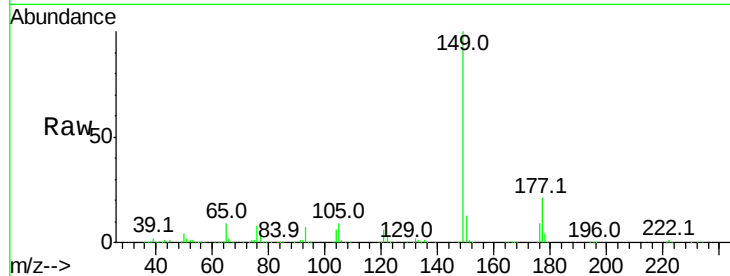




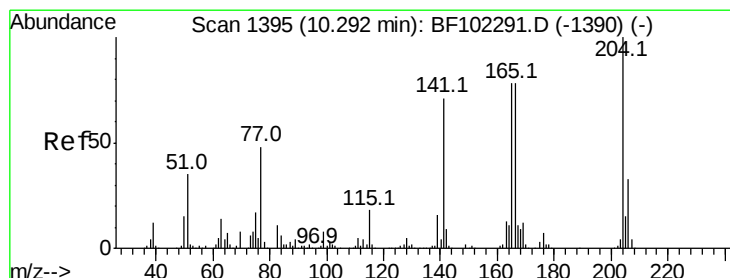
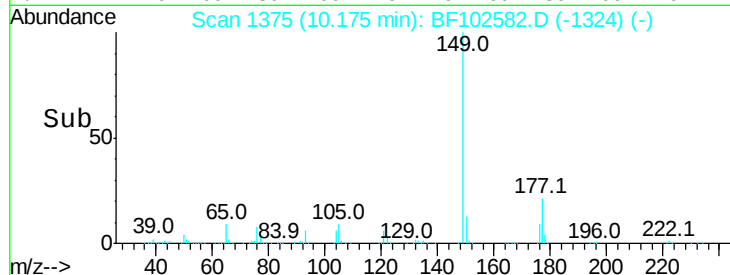
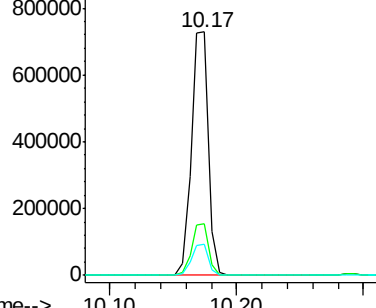
#59
Diethylphthalate
Concen: 38.639 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 684944
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.6 10.1 15.1

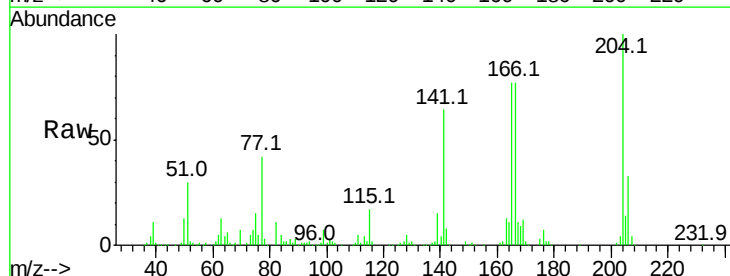


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

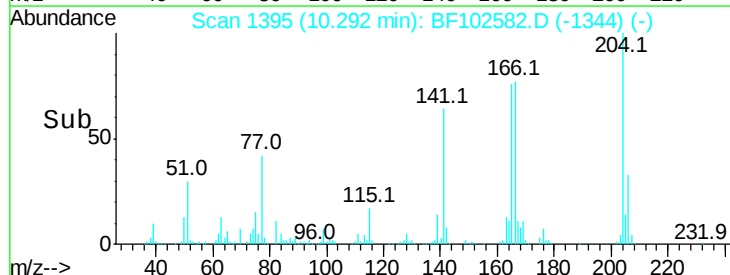
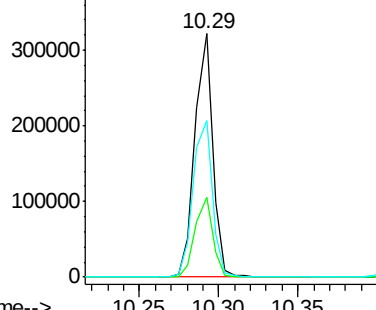


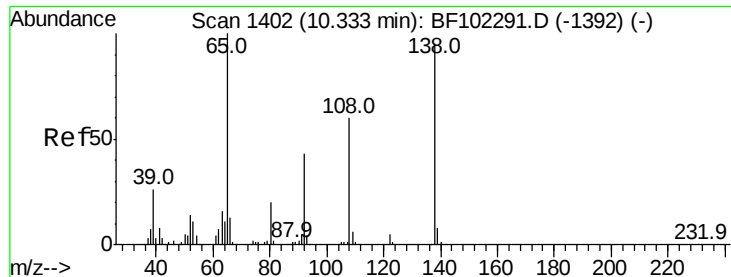
#60
4-Chlorophenyl-phenylether
Concen: 38.892 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:204 Resp: 252377
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 64.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

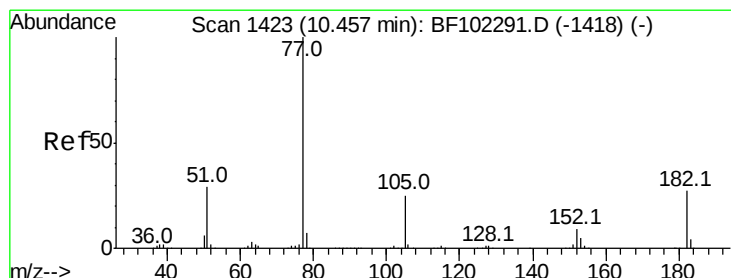
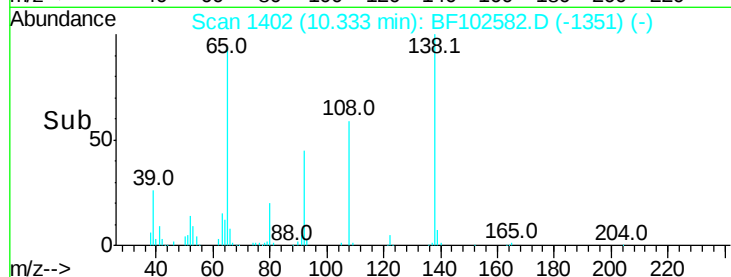
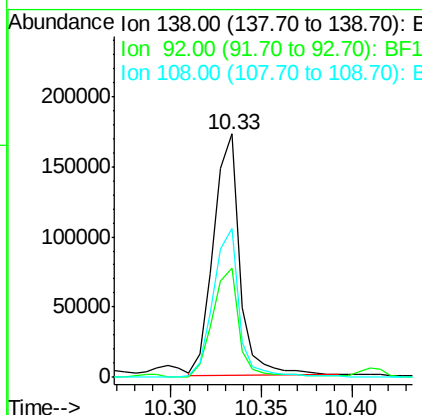
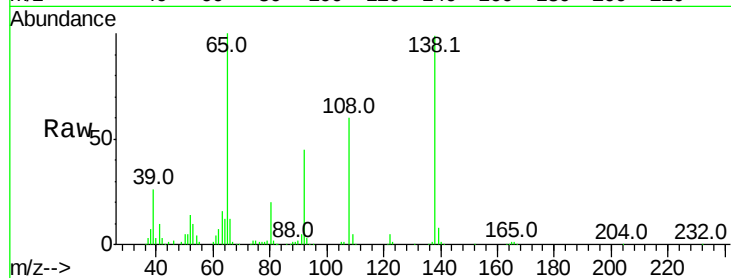




#61
4-Nitroaniline
Concen: 37.699 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

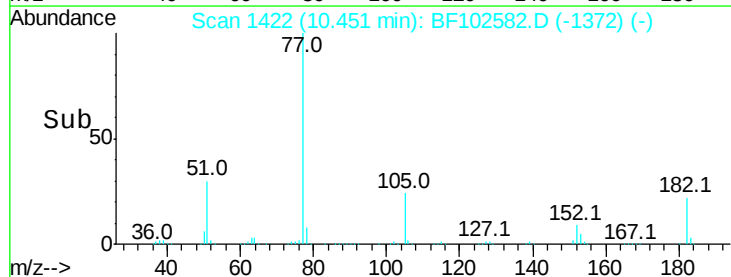
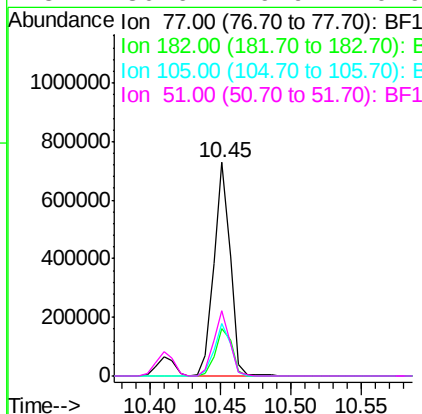
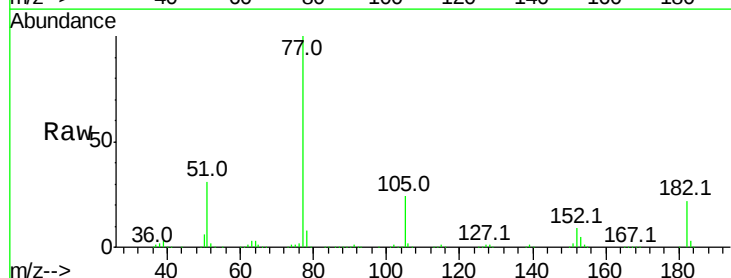
Instrument :
BNA_F
ClientSampleId :

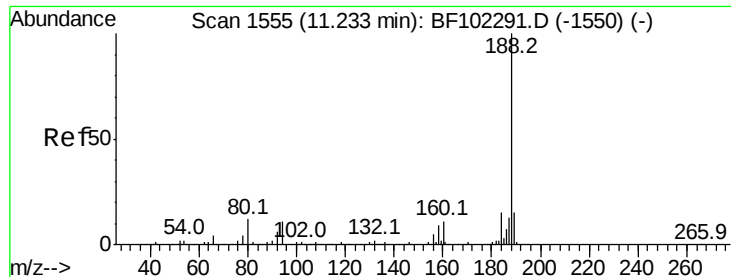
Tot Ion:138 Resp: 175025
Ion Ratio Lower Upper
138 100
92 44.9 30.2 70.2
108 61.0 52.5 92.5



#62
Azobenzene
Concen: 35.795 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion: 77 Resp: 580951
Ion Ratio Lower Upper
77 100
182 22.4 1.7 41.7
105 24.3 3.0 43.0
51 30.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampled :

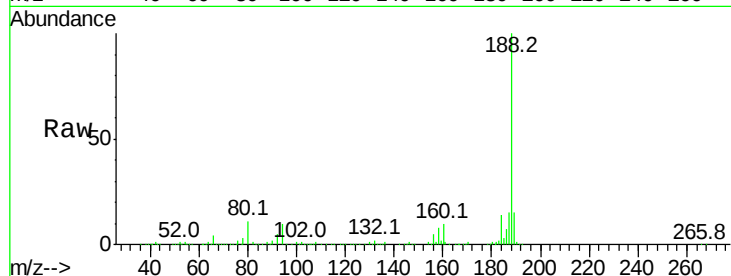
Tot Ion:188 Resp: 317026

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

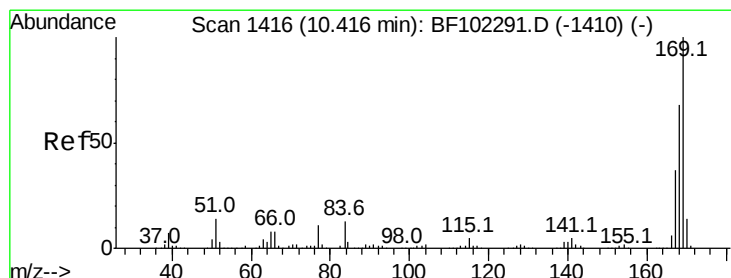
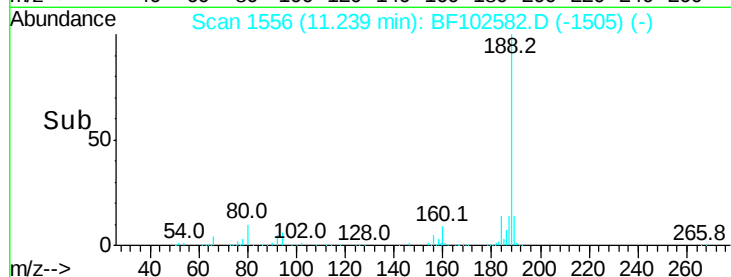
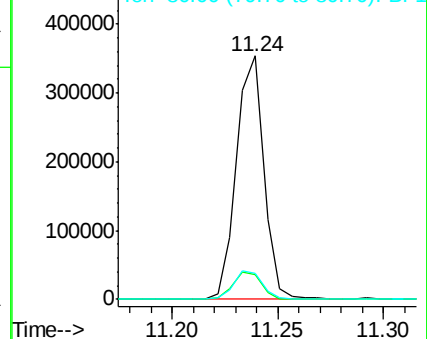
80 10.7 9.2 13.8



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



#65

n-Nitrosodiphenylamine

Concen: 43.289 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

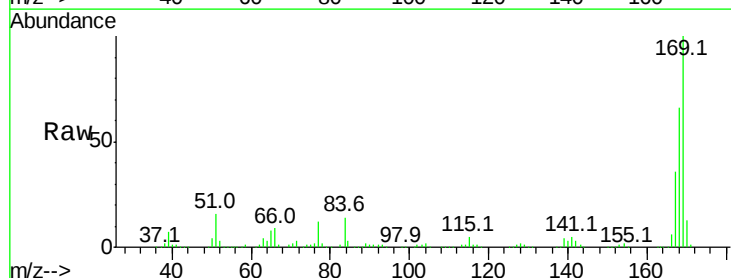
Tgt Ion:169 Resp: 503713

Ion Ratio Lower Upper

169 100

168 66.2 54.4 81.6

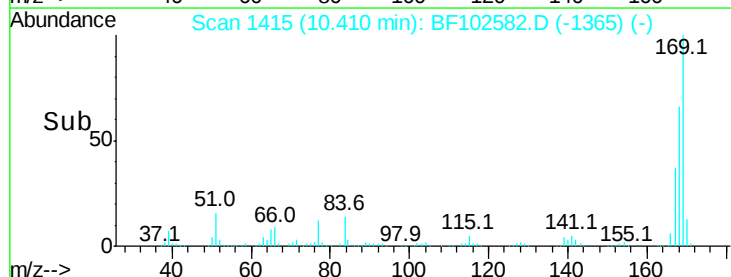
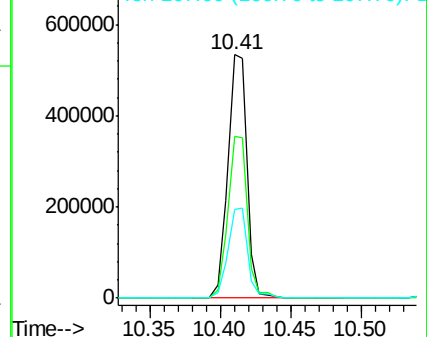
167 36.5 29.8 44.6

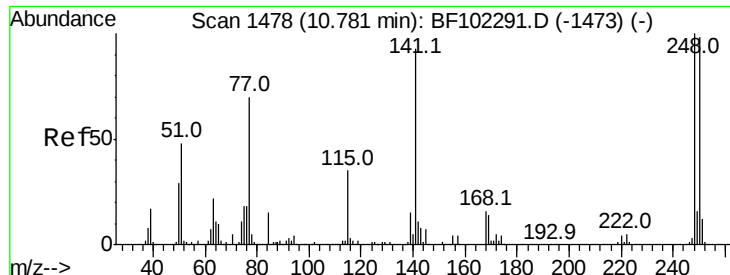


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

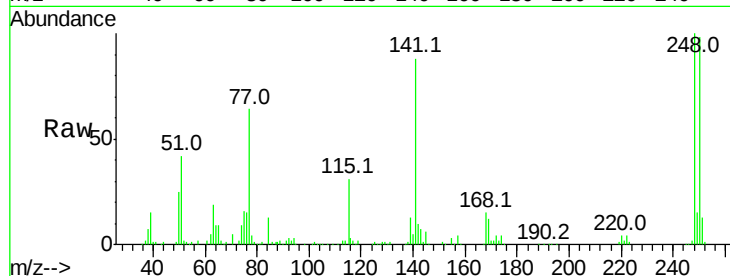




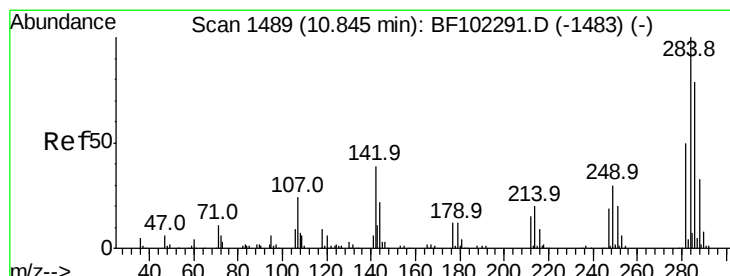
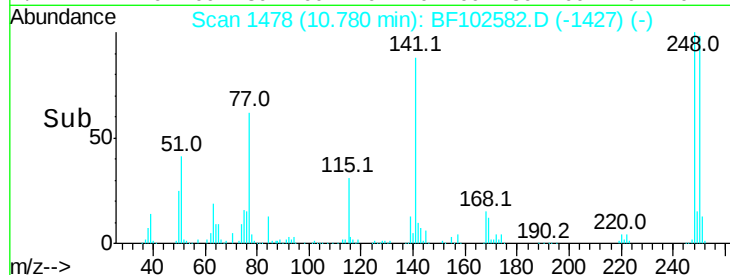
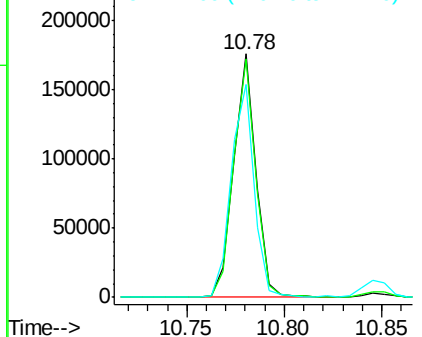
#66
 4-Bromophenyl-phenylether
 Concen: 40.660 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 138762
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 87.7 74.4 111.6

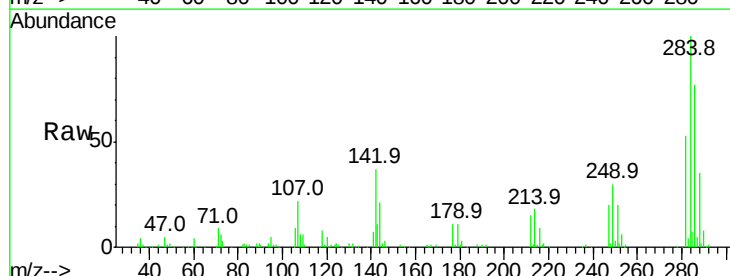


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

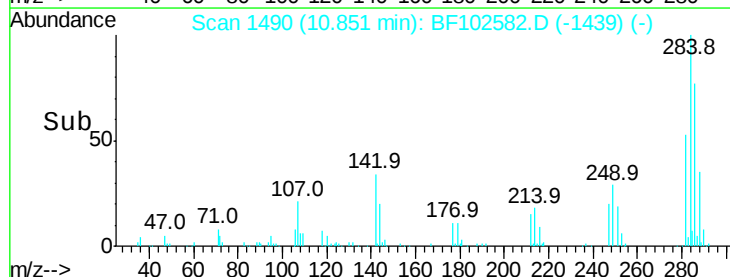
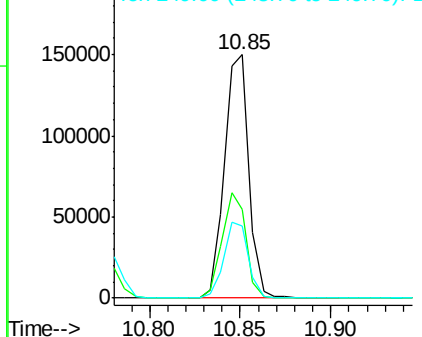


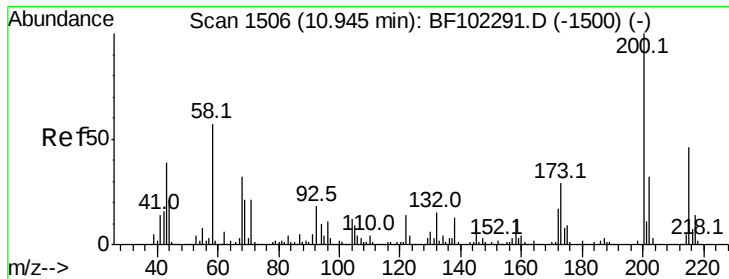
#67
 Hexachlorobenzene
 Concen: 36.564 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion:284 Resp: 139555
 Ion Ratio Lower Upper
 284 100
 142 36.5 34.6 52.0
 249 29.5 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

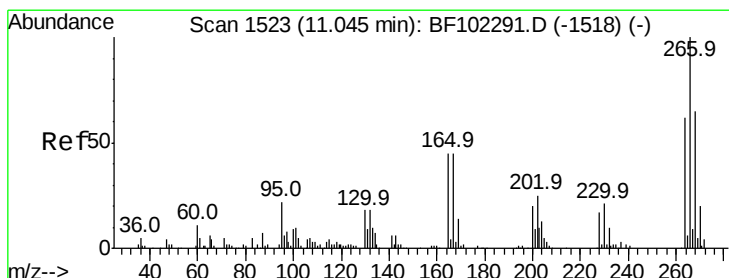
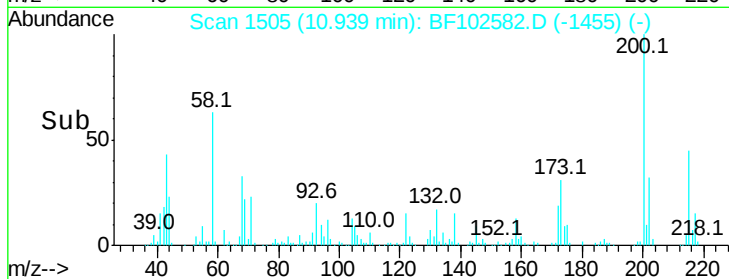
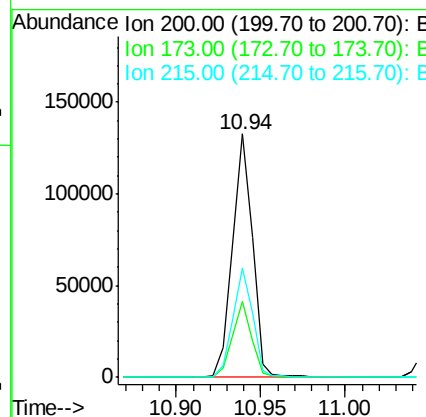
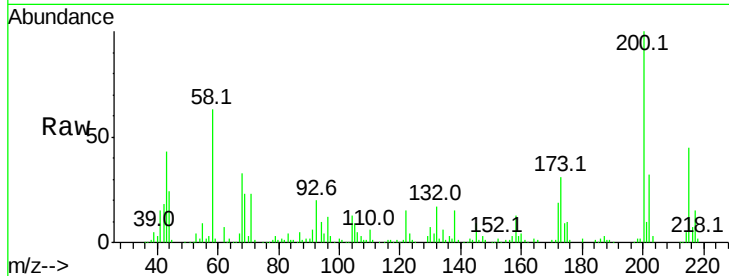




#68
Atrazine
Concen: 31.788 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

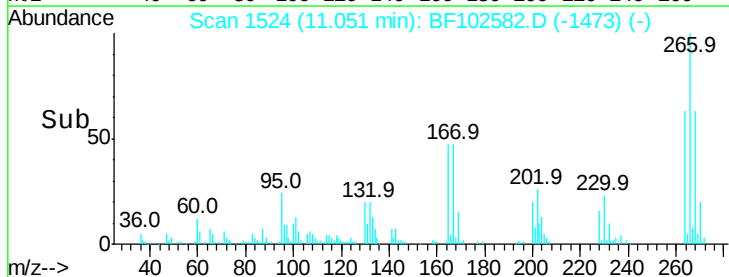
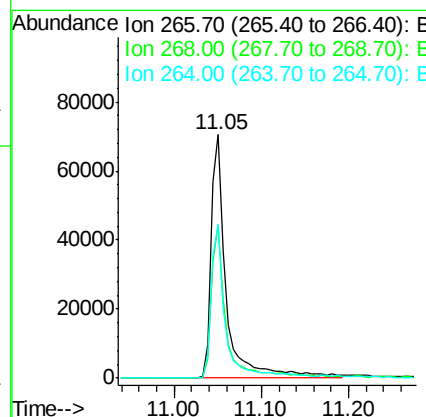
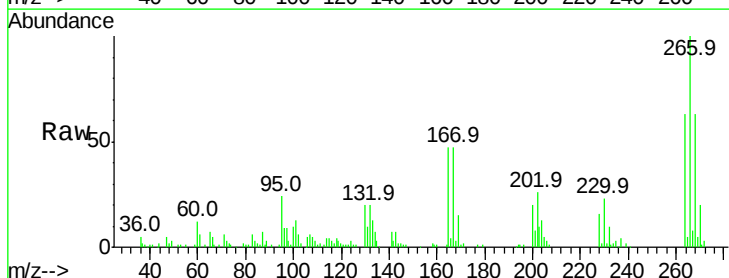
Instrument :
BNA_F
ClientSampleId :

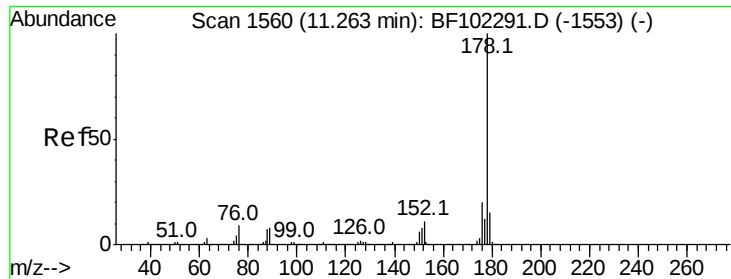
Tot Ion	Ratio	Lower	Upper
200	100		
173	31.0	8.6	48.6
215	45.0	25.1	65.1



#69
Pentachlorophenol
Concen: 42.855 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	63.1	49.5	74.3





#70

Phenanthrene

Concen: 38.198 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampleId :

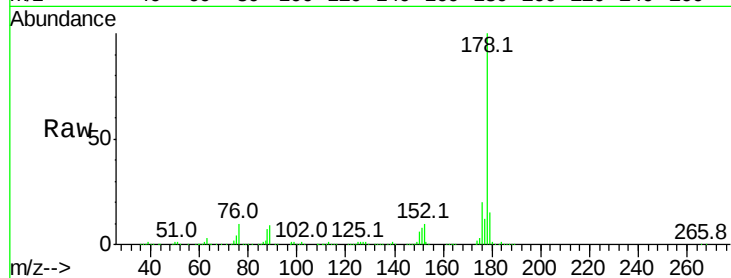
Tot Ion:178 Resp: 705657

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

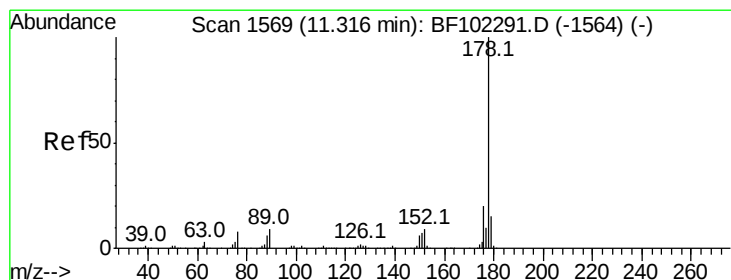
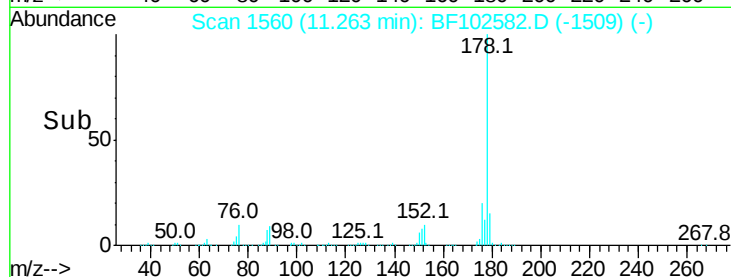
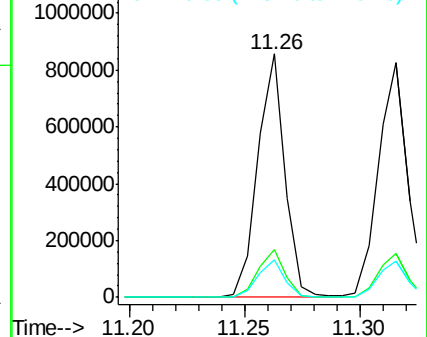
179 15.3 13.0 19.6



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: 38.954 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

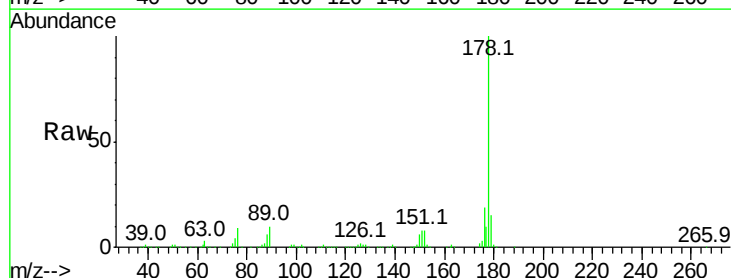
Tgt Ion:178 Resp: 734526

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

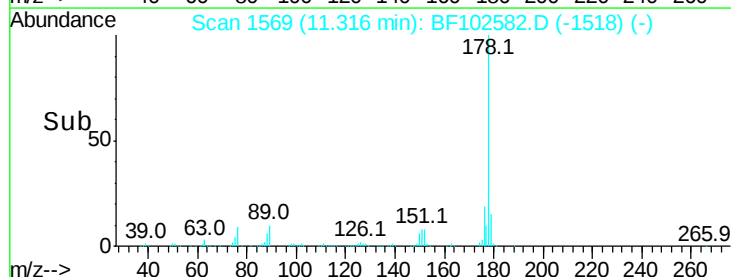
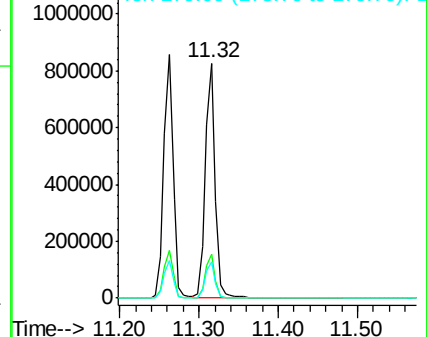
179 15.5 12.6 19.0

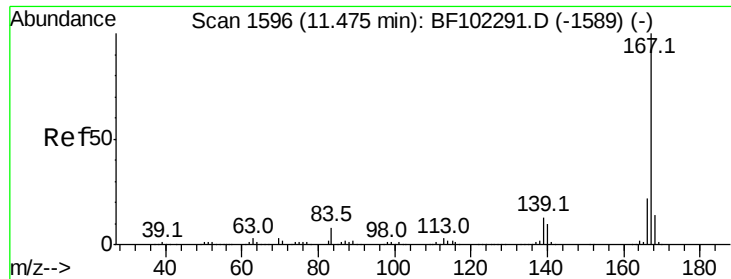


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

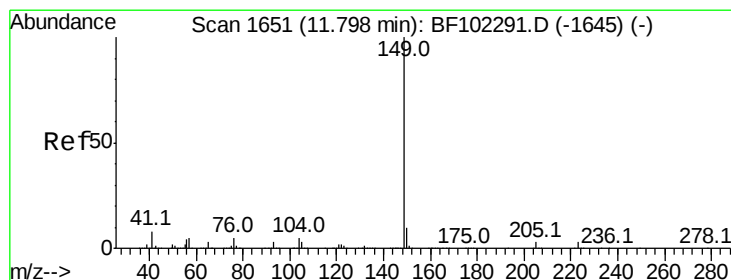
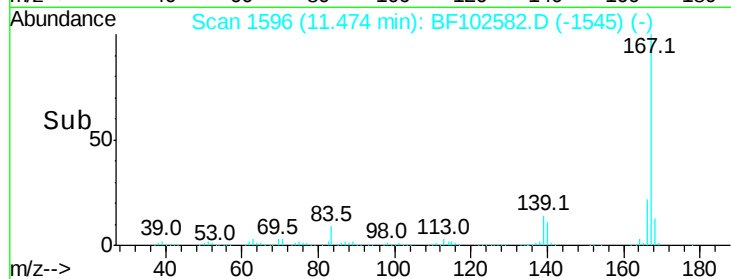
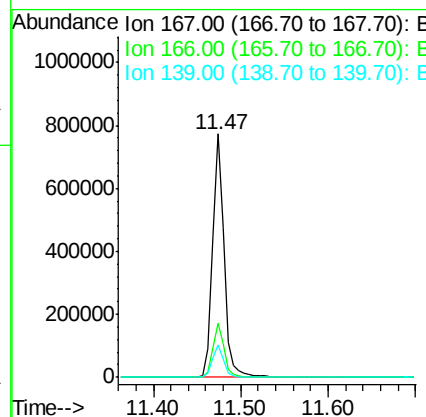
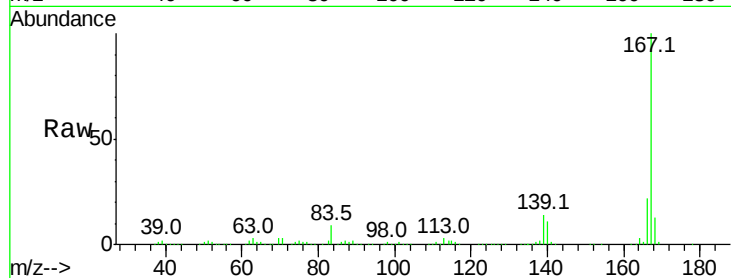




#72
 Carbazole
 Concen: 38.842 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

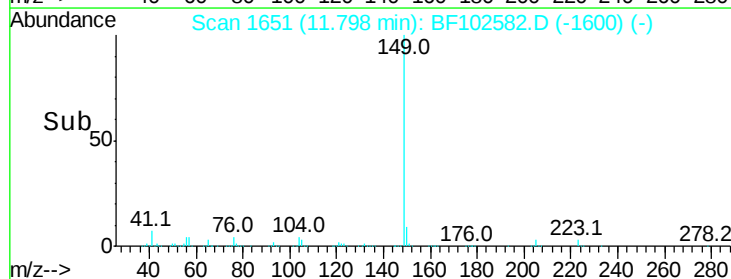
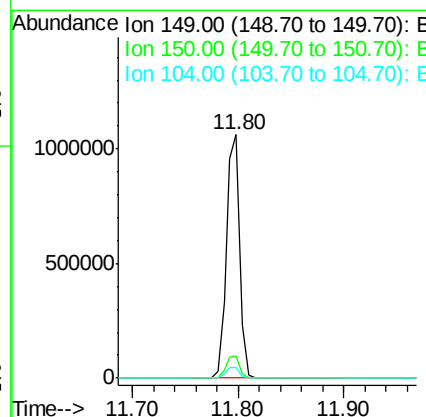
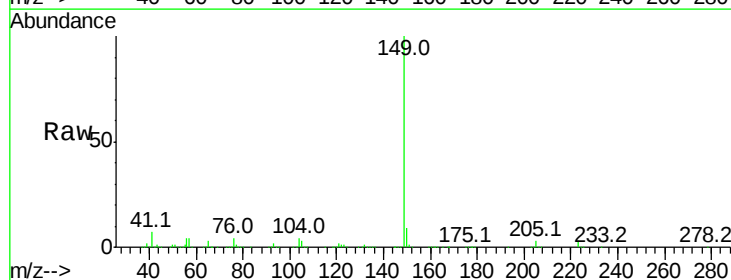
Instrument :
 BNA_F
 ClientSampleId :

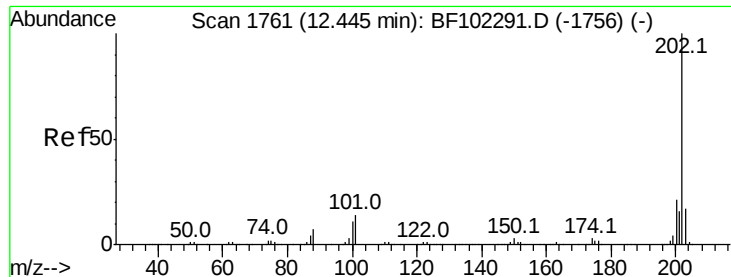
Tot Ion:167 Resp: 714520
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.6 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 40.550 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion:149 Resp: 932414
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 4.3 3.8 5.8

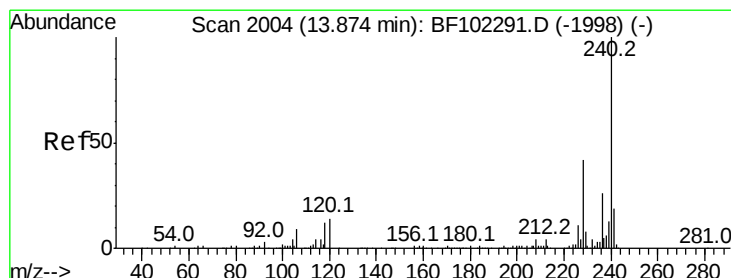
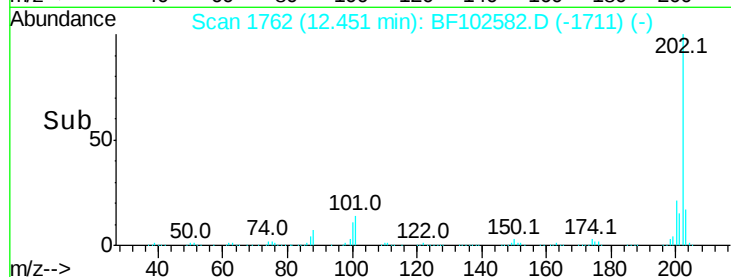
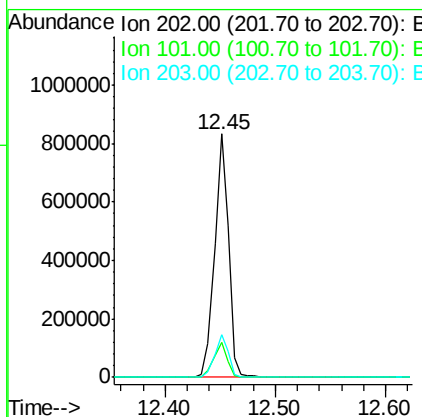
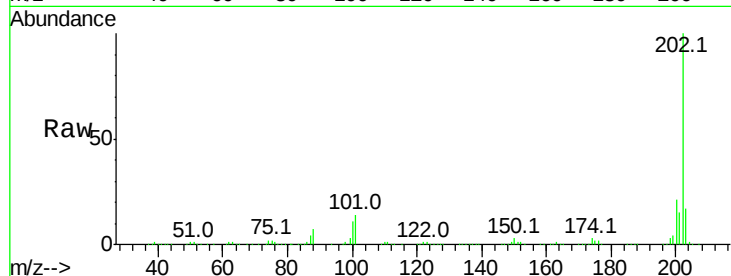




#74
 Fluoranthene
 Concen: 38.353 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

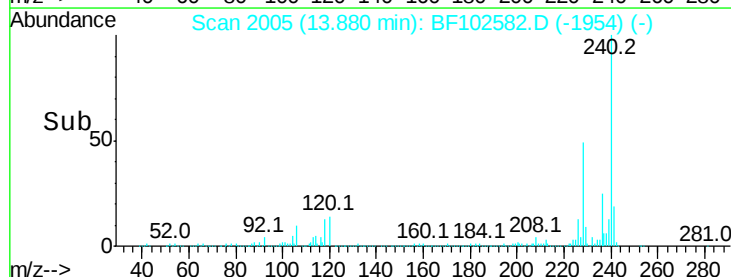
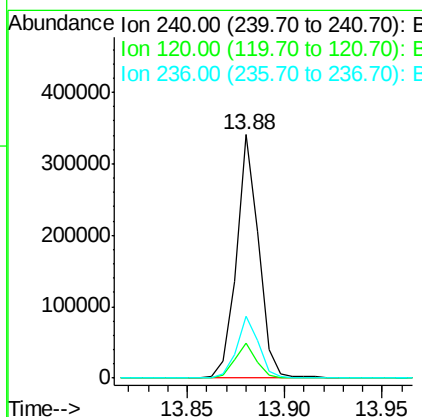
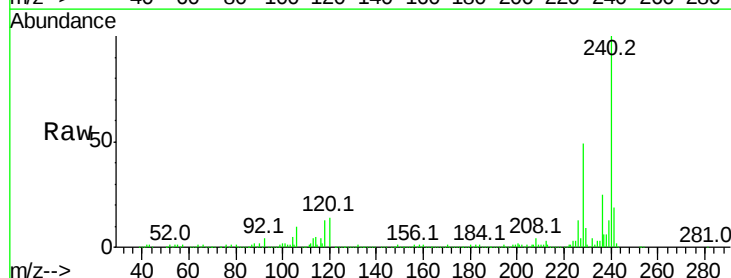
Instrument :
 BNA_F
 ClientSampleId :

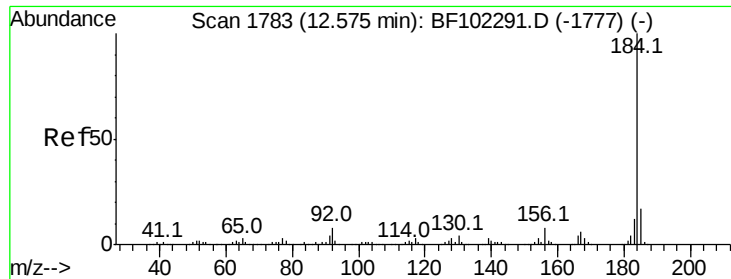
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	25.4	20.7	31.1





#76

Benzidine

Concen: 46.323 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampleId :

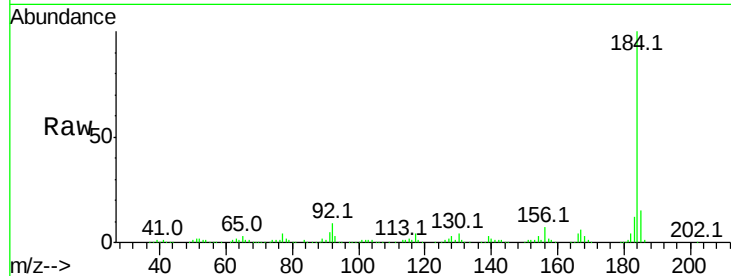
Tot Ion:184 Resp: 417750

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

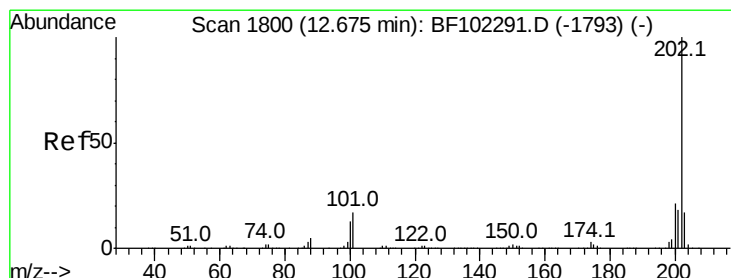
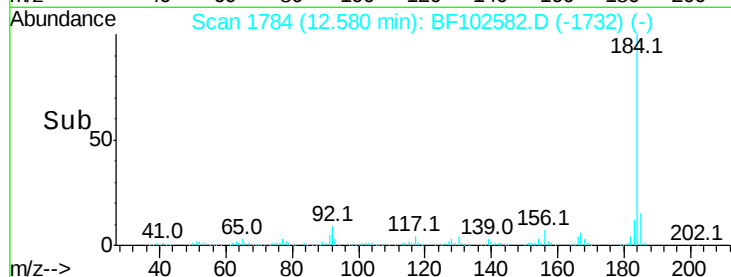
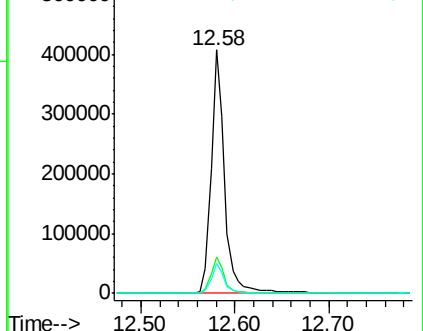
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 36.532 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

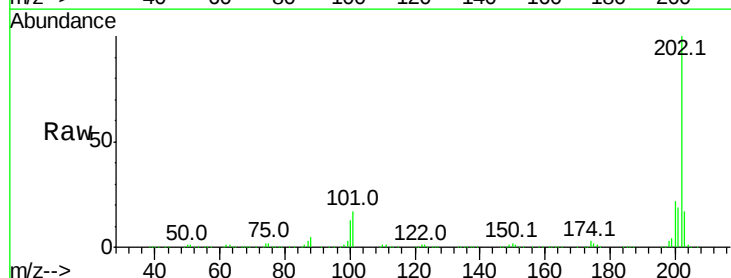
Tgt Ion:202 Resp: 758228

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

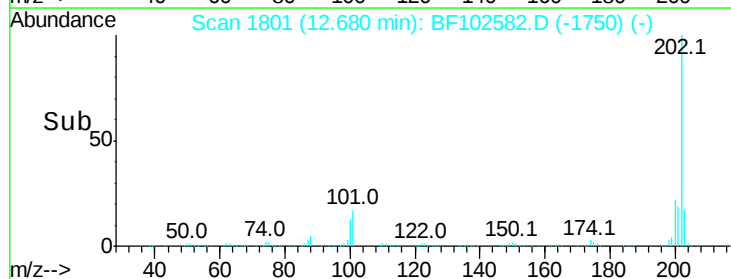
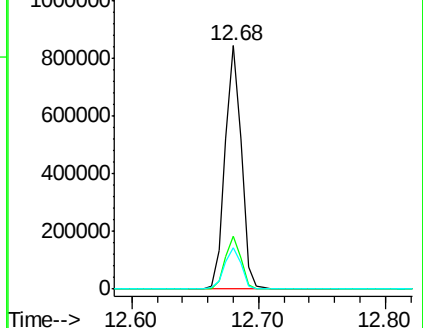
203 17.2 14.3 21.5

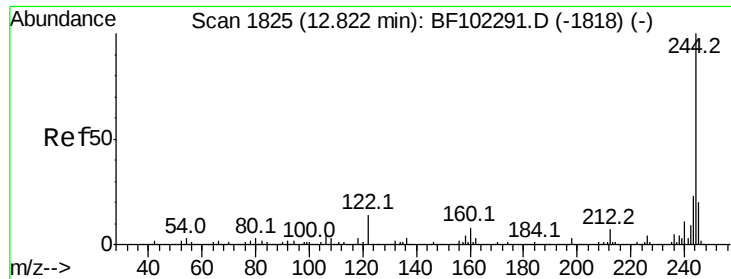


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

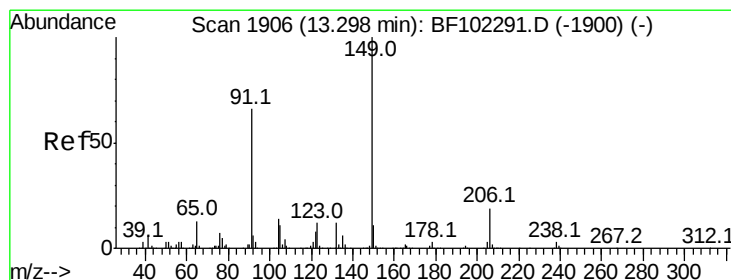
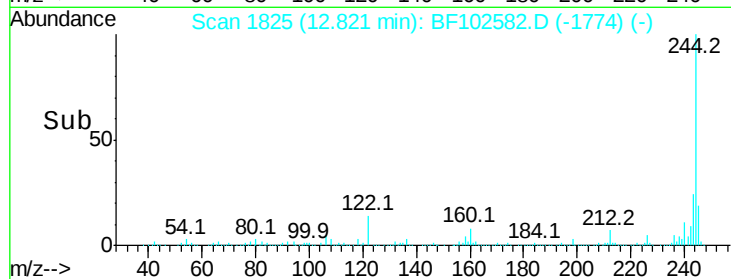
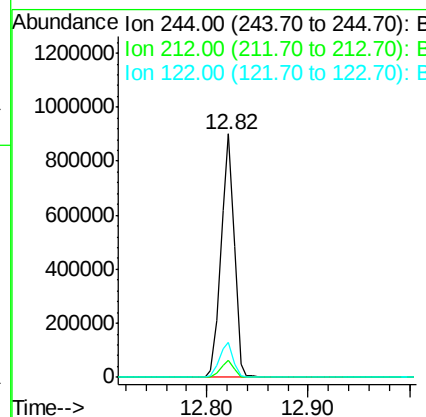
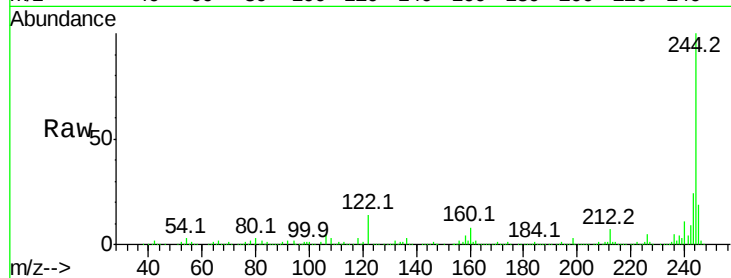




#78
 Terphenyl-d14
 Concen: 68.976 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

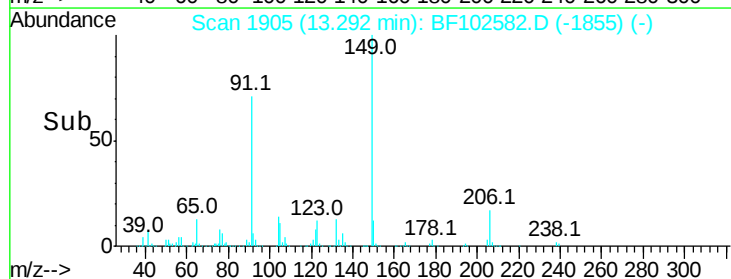
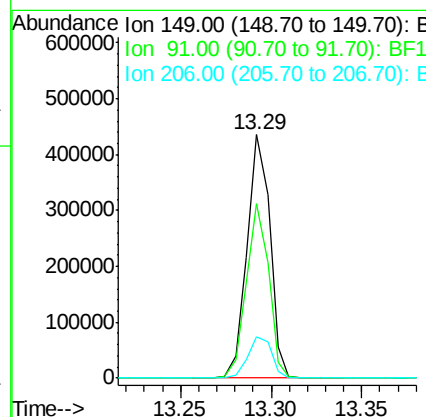
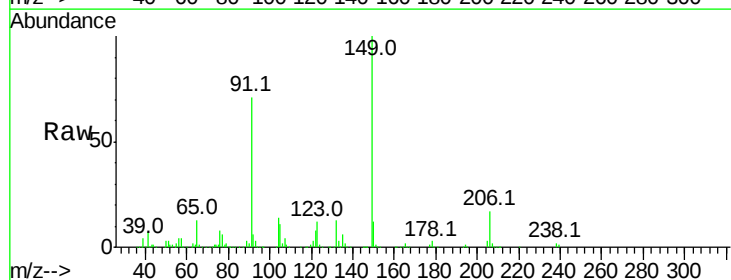
Instrument :
 BNA_F
 ClientSampleId :

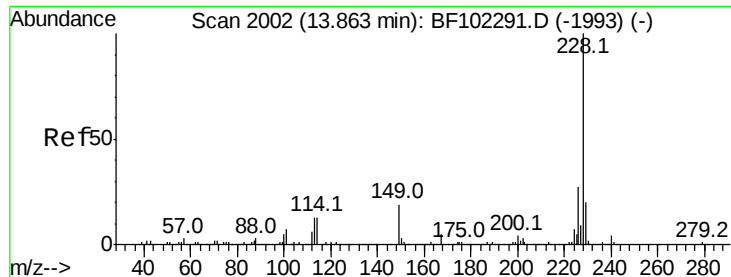
Tot Ion:244 Resp: 821364
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.3 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 37.135 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF102582.D
 Acq: 29 Jan 2018 3:20

Tgt Ion:149 Resp: 383571
 Ion Ratio Lower Upper
 149 100
 91 71.4 56.8 85.2
 206 17.1 14.1 21.1





#80

Benzo(a)anthracene

Concen: 39.590 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

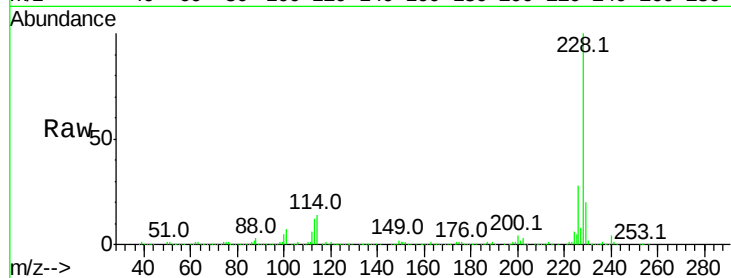
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 654317

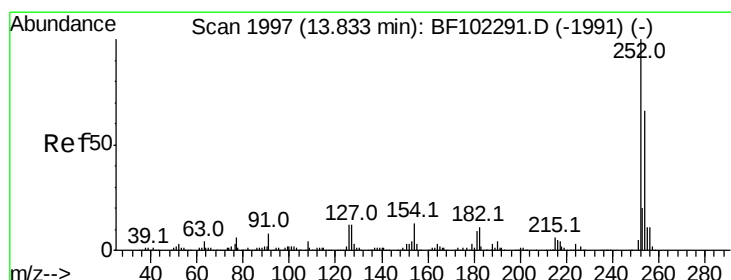
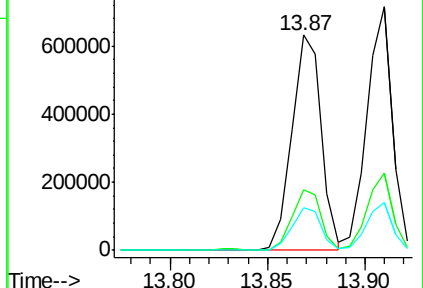
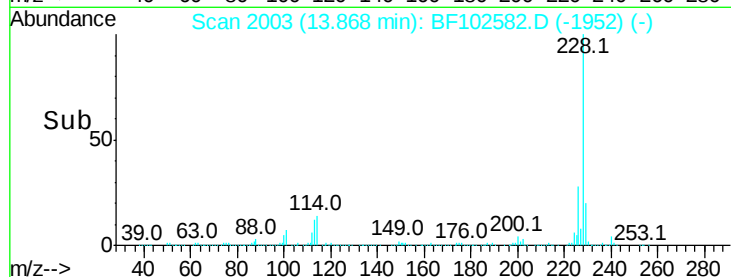
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.5	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 42.899 ng

RT: 13.83 min Scan# 1997

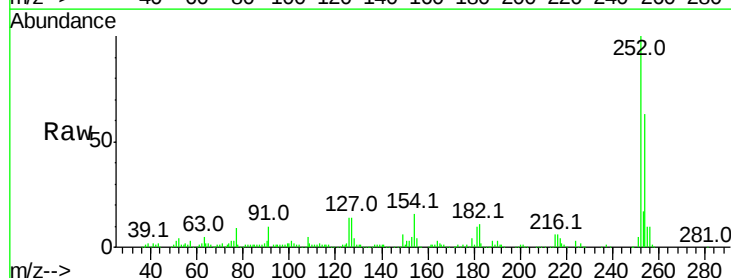
Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Tgt Ion:252 Resp: 260092

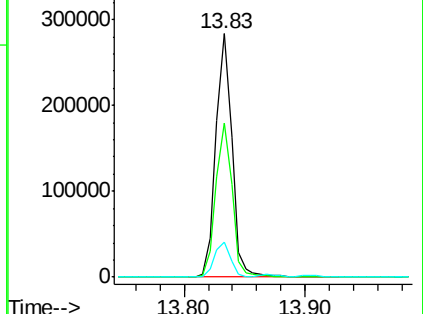
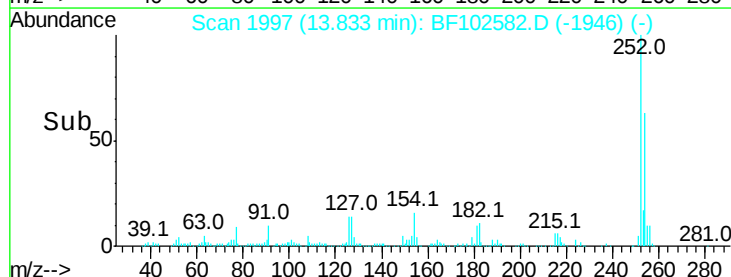
Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	14.3	11.3	16.9

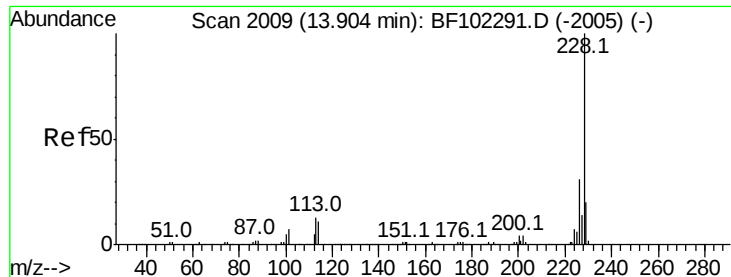


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.573 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampled :

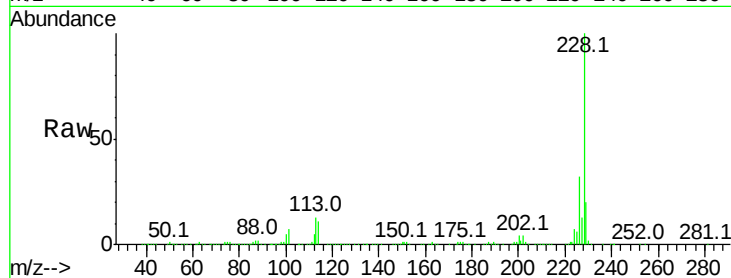
Tot Ion:228 Resp: 647393

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

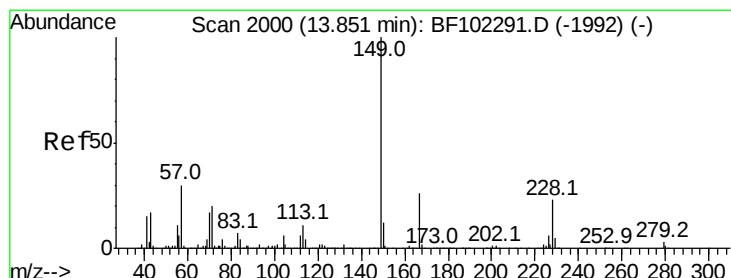
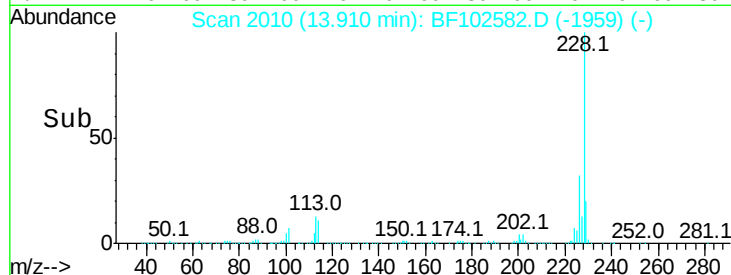
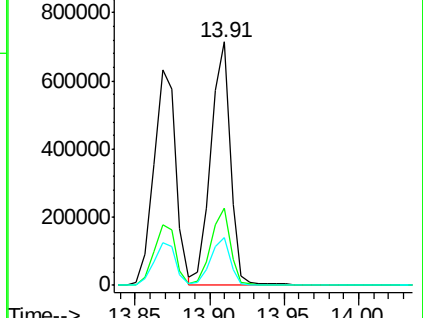
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.225 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

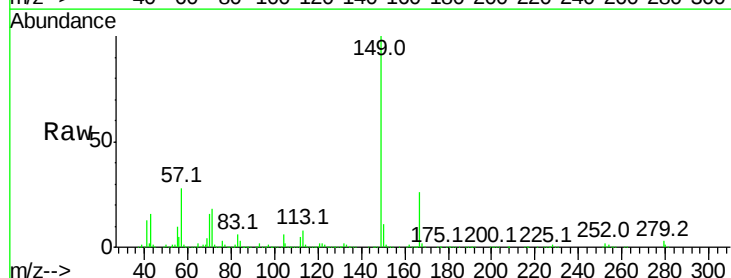
Tgt Ion:149 Resp: 544482

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

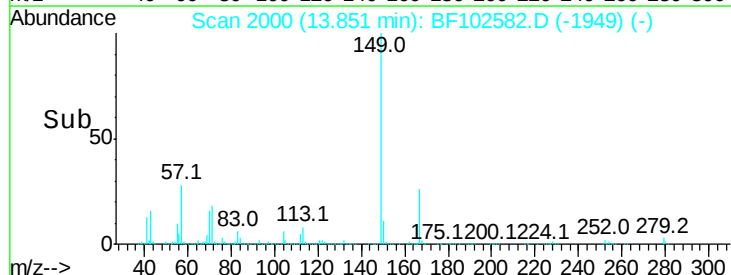
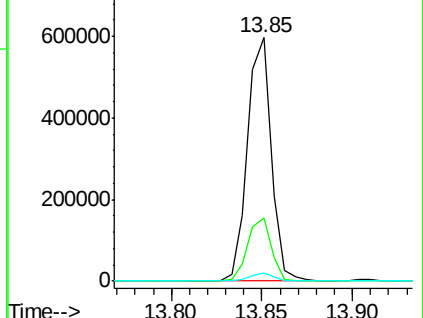
279 3.1 3.0 4.4

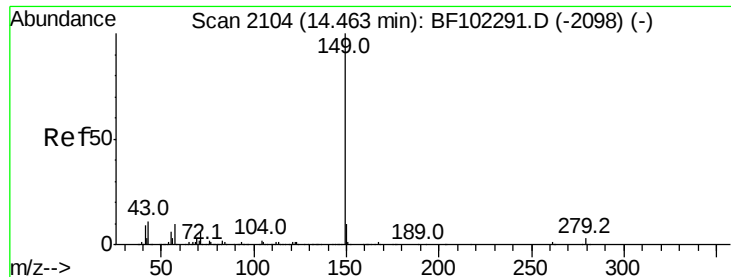


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

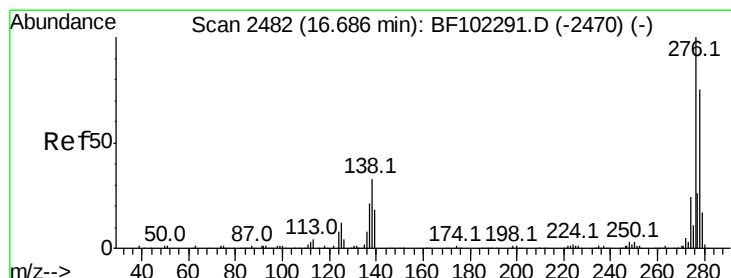
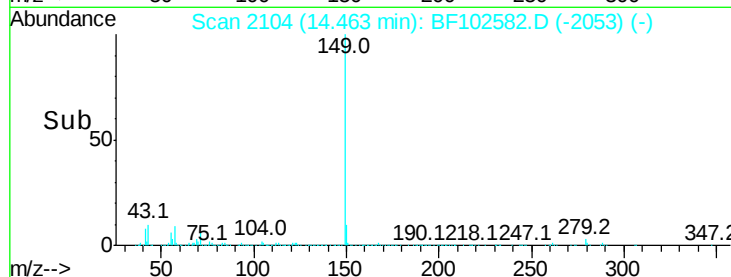
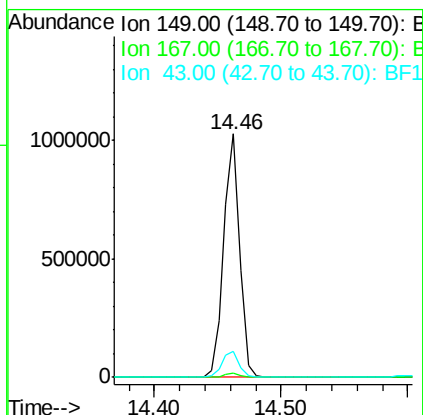
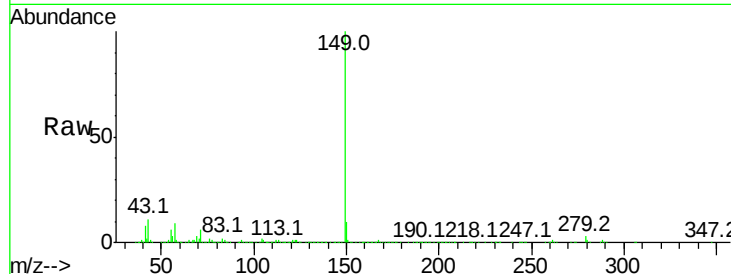




#84
Di-n-octyl phthalate
Concen: 39.775 ng
RT: 14.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

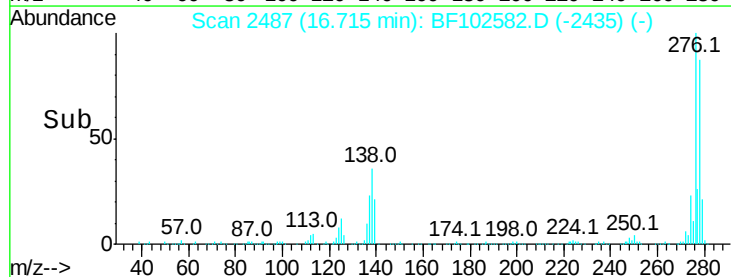
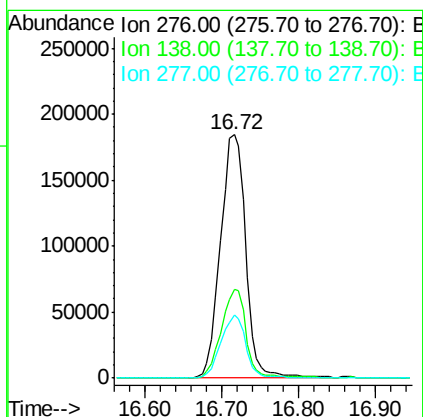
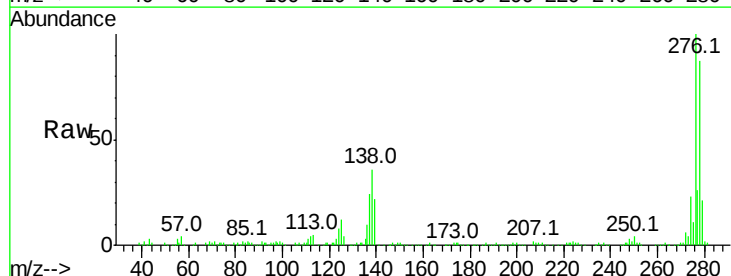
Instrument :
BNA_F
ClientSampleId :

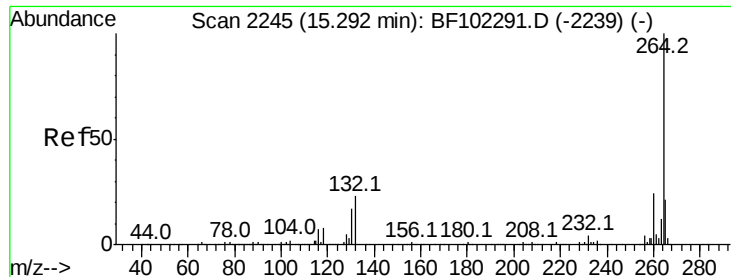
Tot Ion:149 Resp: 897879
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 30.460 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:276 Resp: 422201
Ion Ratio Lower Upper
276 100
138 35.6 25.0 37.6
277 25.5 20.1 30.1

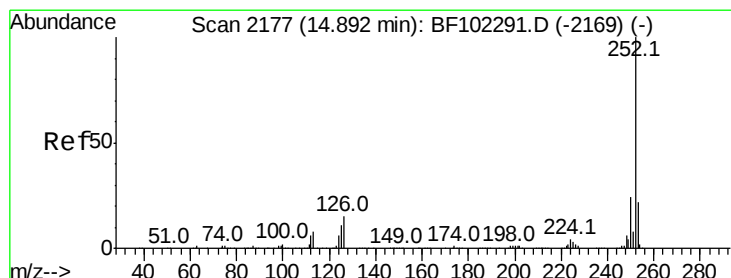
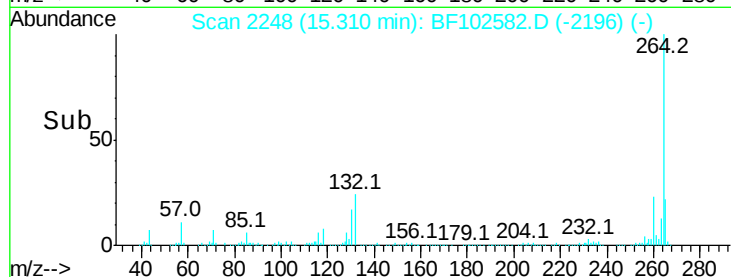
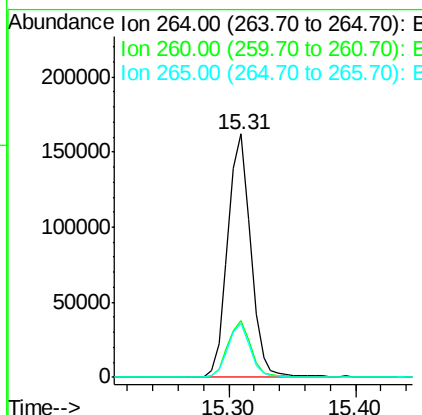
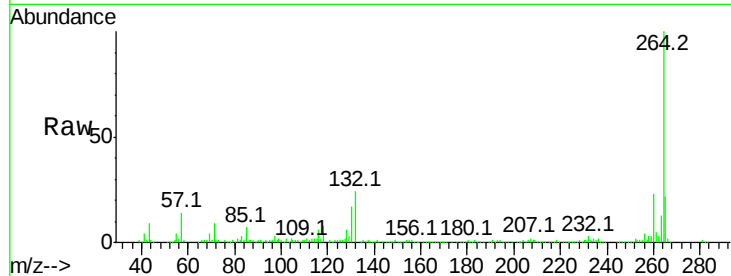




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

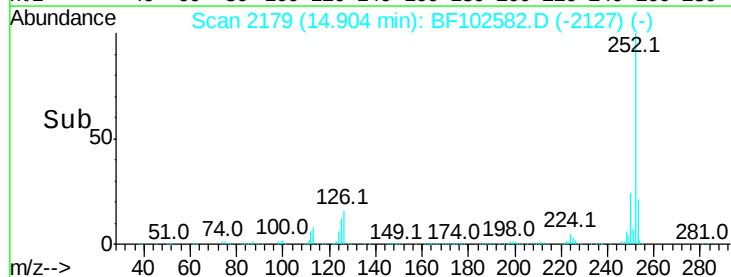
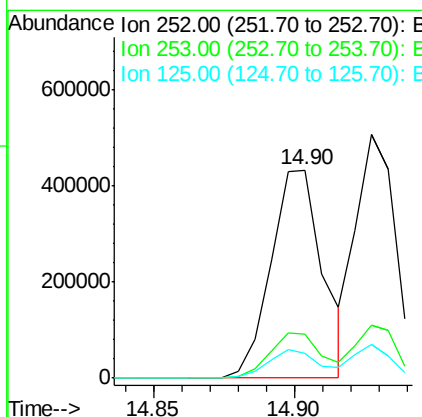
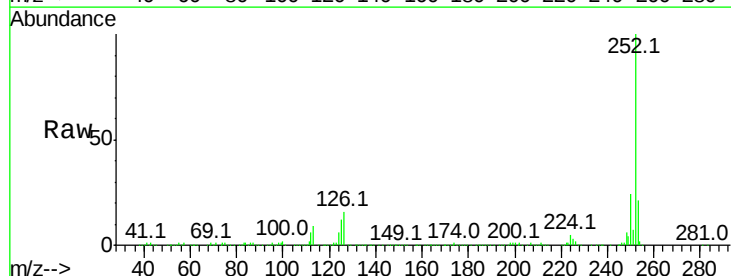
Instrument :
BNA_F
ClientSampleId :

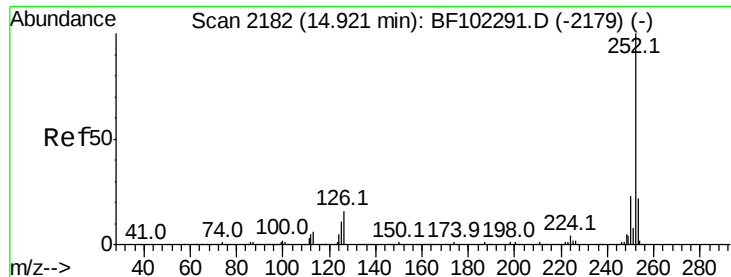
Tot Ion:264 Resp: 204777
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 22.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 41.678 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:252 Resp: 553176
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 12.2 9.0 13.6

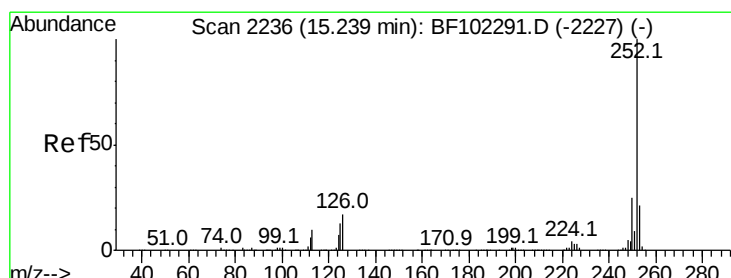
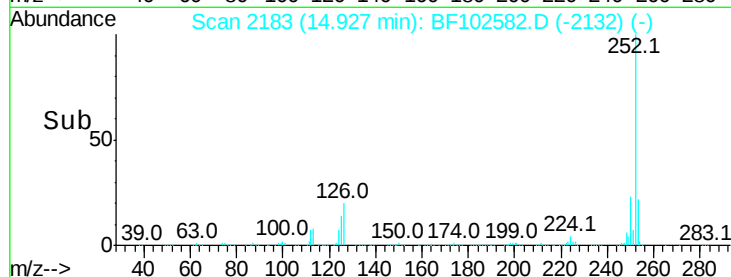
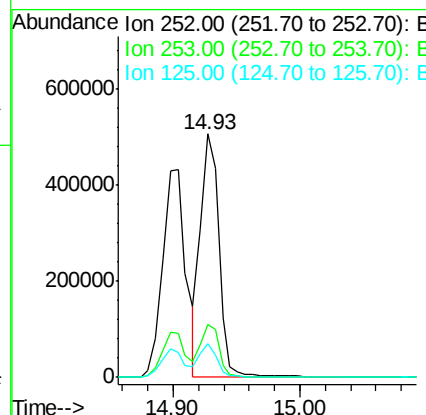
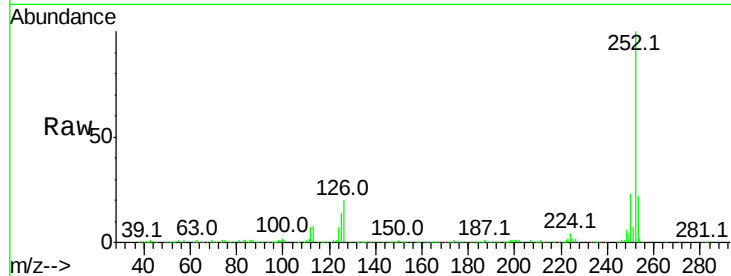




#88
Benzo(k)fluoranthene
Concen: 40.392 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

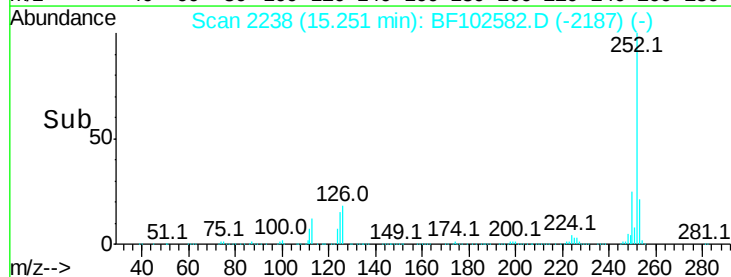
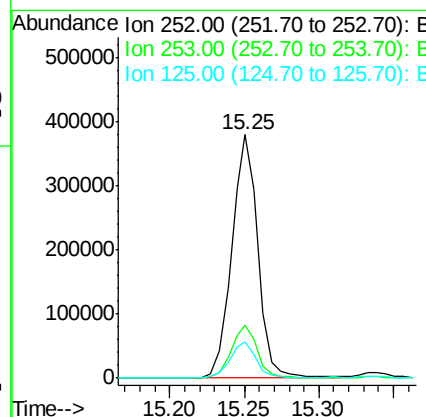
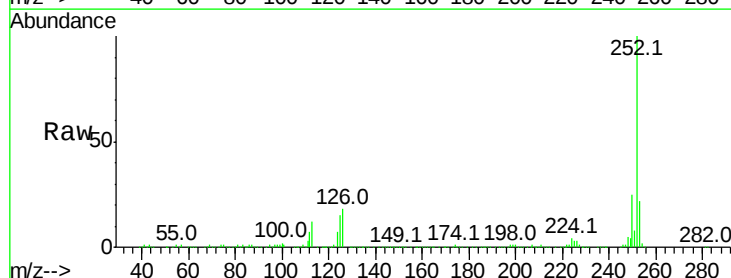
Instrument :
BNA_F
ClientSampleId :

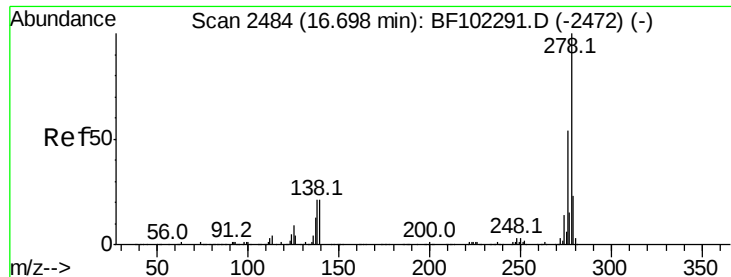
Tot Ion:252 Resp: 506509
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 13.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 39.046 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF102582.D
Acq: 29 Jan 2018 3:20

Tgt Ion:252 Resp: 467398
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 15.0 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 36.226 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

Instrument :

BNA_F

ClientSampleId :

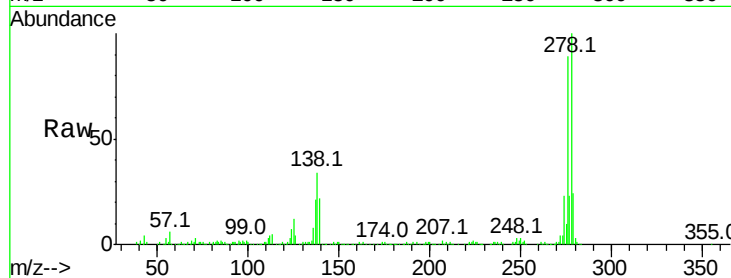
Tot Ion:278 Resp: 351269

Ion Ratio Lower Upper

278 100

139 21.6 15.9 23.9

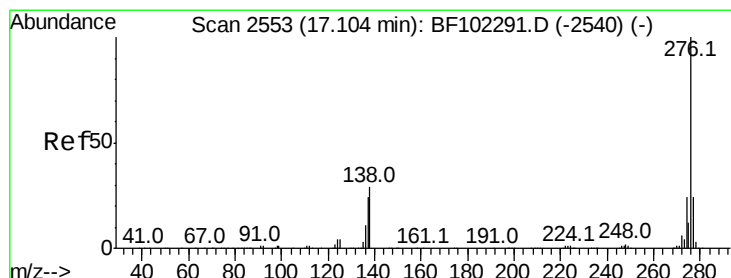
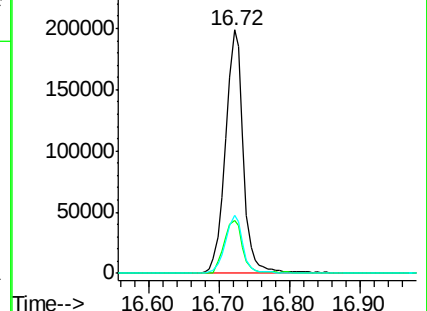
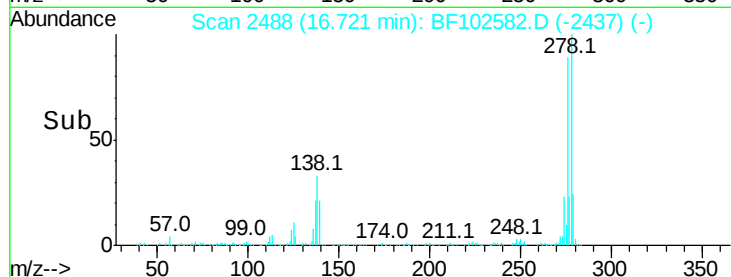
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 35.709 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BF102582.D

Acq: 29 Jan 2018 3:20

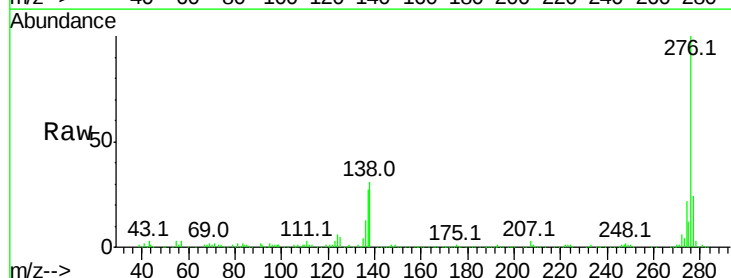
Tgt Ion:276 Resp: 341888

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 30.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

