

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102431.D
 Acq On : 25 Jan 2018 18:44
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 00:20:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117633	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	496284	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	224857	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	392751	20.00	ng	0.00
75) Chrysene-d12	13.88	240	298303	20.00	ng	0.00
86) Perylene-d12	15.30	264	257792	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	622607	80.25	ng	0.00
7) Phenol-d6	6.36	99	734503	78.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	668035	77.35	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	155630	69.85	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1201789	78.59	ng	0.00
78) Terphenyl-d14	12.82	244	1005457	75.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	150236	40.757	ng	99
3) Pyridine	3.08	79	391233	40.614	ng	92
4) n-Nitrosodimethylamine	3.05	42	154400	40.885	ng	98
6) Aniline	6.38	93	484994	39.204	ng	# 86
8) 2-Chlorophenol	6.50	128	325124	39.978	ng	95
9) Benzaldehyde	6.27	77	205528	39.389	ng	94
10) Phenol	6.37	94	398564	39.033	ng	# 72
11) bis(2-Chloroethyl)ether	6.46	93	306479	39.463	ng	96
12) 1,3-Dichlorobenzene	6.66	146	376187	38.894	ng	98
13) 1,4-Dichlorobenzene	6.73	146	386453	39.887	ng	98
14) 1,2-Dichlorobenzene	6.89	146	353543	39.894	ng	98
15) Benzyl Alcohol	6.86	79	257502	39.020	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	503229	38.635	ng	90
17) 2-Methylphenol	6.98	107	276367	39.129	ng	96
18) Hexachloroethane	7.22	117	135032	39.996	ng	93
19) n-Nitroso-di-n-propylamine	7.14	70	221929	38.773	ng	98
20) 3+4-Methylphenols	7.13	107	335299	40.364	ng	# 64
22) Acetophenone	7.13	105	452444	38.244	ng	# 90
24) Nitrobenzene	7.30	77	346578	39.215	ng	99
25) Isophorone	7.55	82	585064	38.001	ng	97
26) 2-Nitrophenol	7.62	139	185361	39.850	ng	92
27) 2,4-Dimethylphenol	7.66	122	259170	38.372	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	364866	38.364	ng	99
29) 2,4-Dichlorophenol	7.86	162	267434	38.872	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	281799	38.210	ng	98
31) Naphthalene	8.02	128	955433	38.559	ng	99
32) Benzoic acid	7.80	122	163916	28.967	ng	95
33) 4-Chloroaniline	8.07	127	403214	38.697	ng	99
34) Hexachlorobutadiene	8.13	225	154125	39.128	ng	100
35) Caprolactam	8.46	113	86464	38.053	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	282049	38.893	ng	99
37) 2-Methylnaphthalene	8.71	142	638771	38.709	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	262506	38.803	ng	99
40) Hexachlorocyclopentadiene	8.86	237	118360	39.095	ng	99

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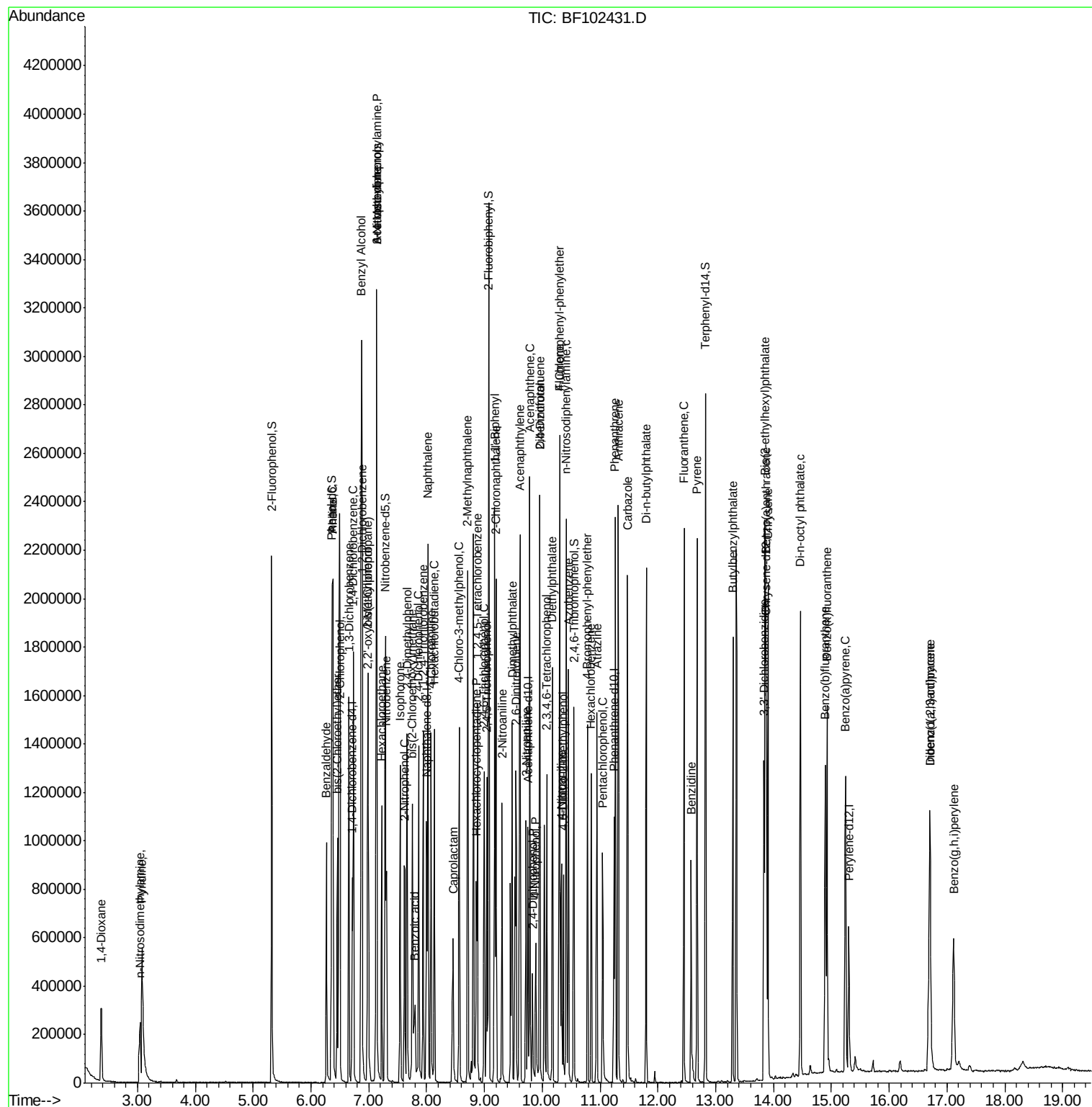
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	170677	37.688	nq	97
43) 2,4,5-Trichlorophenol	9.04	196	197533	38.739	nq	99
45) 1,1'-Biphenyl	9.17	154	777386	38.665	nq	99
46) 2-Chloronaphthalene	9.20	162	608028	38.906	nq	99
47) 2-Nitroaniline	9.30	65	191515	39.307	nq	95
48) Acenaphthylene	9.62	152	930186	38.205	nq	99
49) Dimethylphthalate	9.48	163	715239	38.483	nq	100
50) 2,6-Dinitrotoluene	9.55	165	152676	38.101	nq	94
51) Acenaphthene	9.79	154	541612	38.089	nq	99
52) 3-Nitroaniline	9.72	138	181038	38.191	nq	96
53) 2,4-Dinitrophenol	9.83	184	57108	33.992	nq	# 23
54) Dibenzofuran	9.96	168	765043	39.754	nq	97
55) 4-Nitrophenol	9.89	139	107287	34.287	nq	95
56) 2,4-Dinitrotoluene	9.95	165	188820	38.318	nq	# 88
57) Fluorene	10.30	166	616362	40.419	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	141503	38.867	nq	97
59) Diethylphthalate	10.17	149	684935	37.924	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	264997	40.081	nq	95
61) 4-Nitroaniline	10.33	138	177878	37.605	nq	94
62) Azobenzene	10.46	77	626832	37.908	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	100378	38.308	nq	93
65) n-Nitrosodiphenylamine	10.42	169	553892	38.423	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	163198	38.600	nq	100
67) Hexachlorobenzene	10.85	284	169336	35.812	nq	93
68) Atrazine	10.95	200	162890	38.259	nq	100
69) Pentachlorophenol	11.05	266	101784	40.977	nq	97
70) Phenanthrene	11.26	178	875721	38.264	nq	99
71) Anthracene	11.32	178	881572	37.739	nq	99
72) Carbazole	11.47	167	870060	38.178	nq	99
73) Di-n-butylphthalate	11.80	149	1076511	37.790	nq	100
74) Fluoranthene	12.45	202	875639	37.519	nq	99
76) Benzidine	12.57	184	376243	37.545	nq	97
77) Pyrene	12.68	202	898286	38.948	nq	100
79) Butylbenzylphthalate	13.30	149	449847	39.193	nq	94
80) Benzo(a)anthracene	13.87	228	724658	39.457	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	260597	38.681	nq	97
82) Chrysene	13.90	228	722415	38.735	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	601075	38.968	nq	# 99
84) Di-n-octyl phthalate	14.46	149	940348	37.487	nq	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	570987	37.071	nq	99
87) Benzo(b)fluoranthene	14.90	252	646422	38.688	nq	99
88) Benzo(k)fluoranthene	14.93	252	611458	38.734	nq	99
89) Benzo(a)pyrene	15.24	252	592297	39.304	nq	97
90) Dibenzo(a,h)anthracene	16.71	278	468147	38.351	nq	99
91) Benzo(g,h,i)perylene	17.12	276	468911	38.904	nq	97

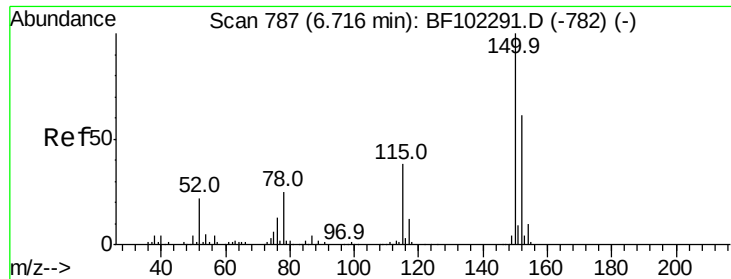
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampled :

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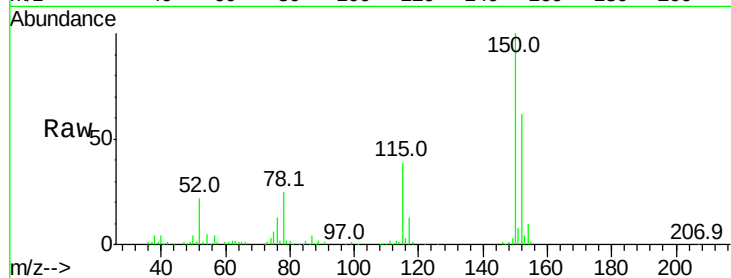


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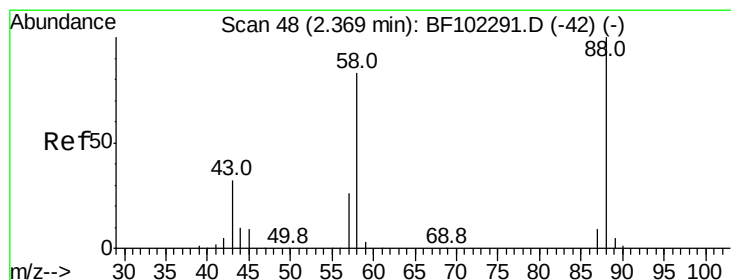
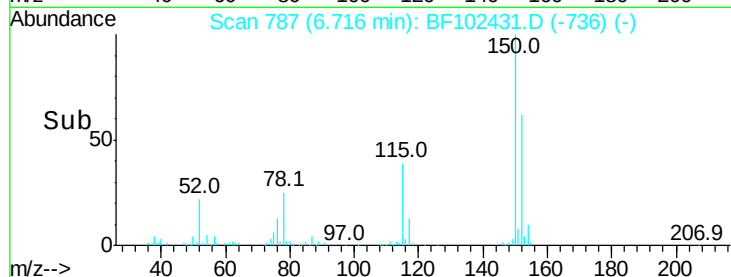
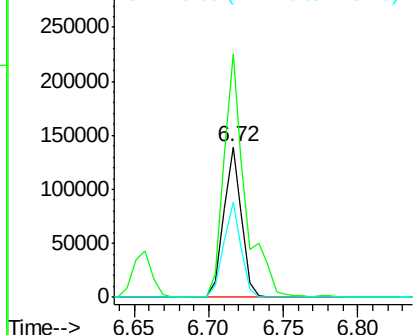
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117633
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 63.0 50.1 75.1



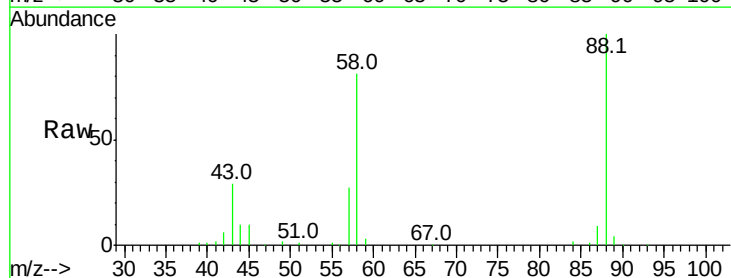
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



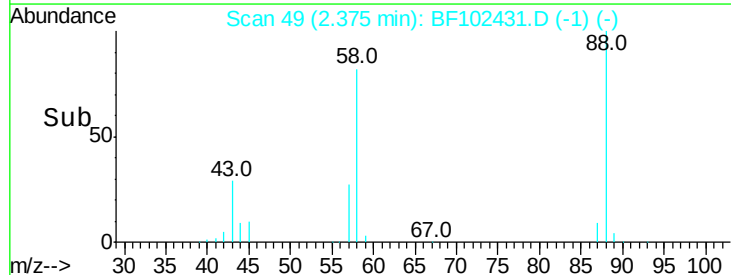
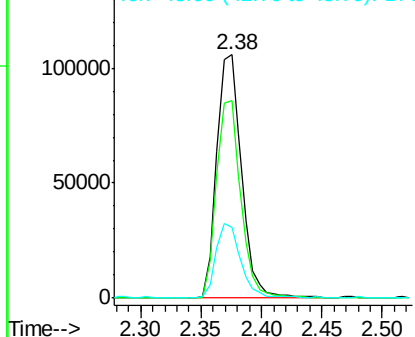
#2

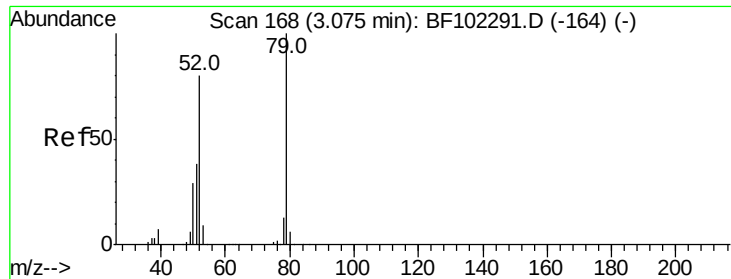
1,4-Dioxane
Concen: 40.757 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion: 88 Resp: 150236
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 31.0 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

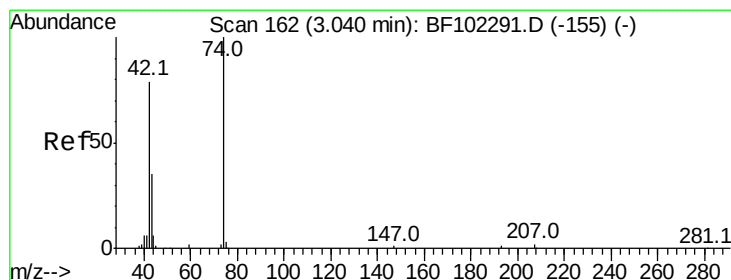
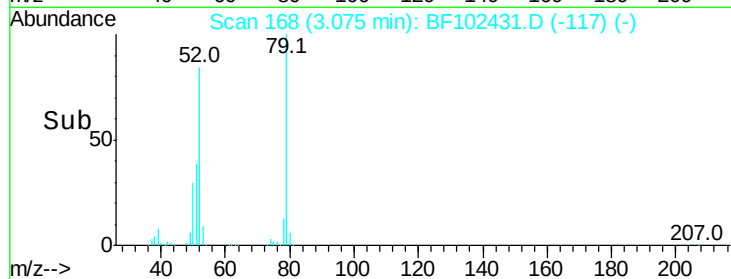
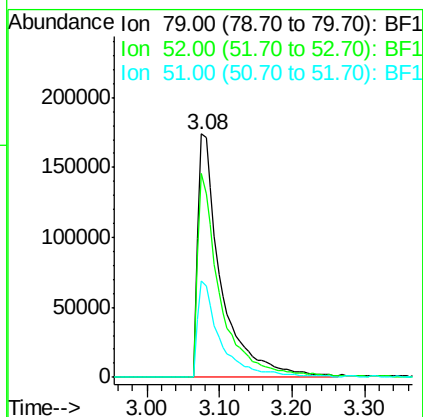
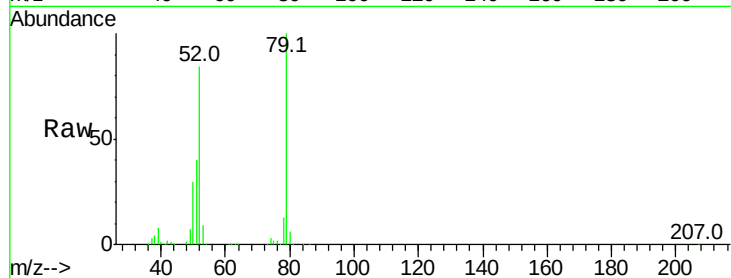




#3
 Pvridine
 Concen: 40.614 ng
 RT: 3.08 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

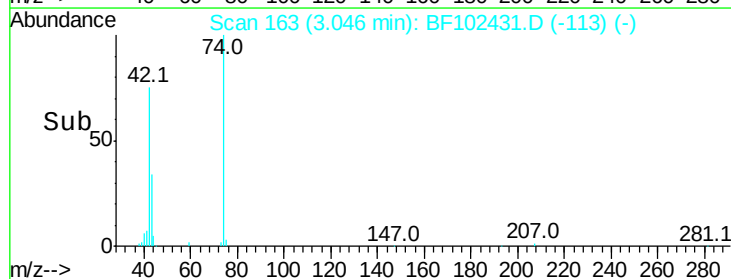
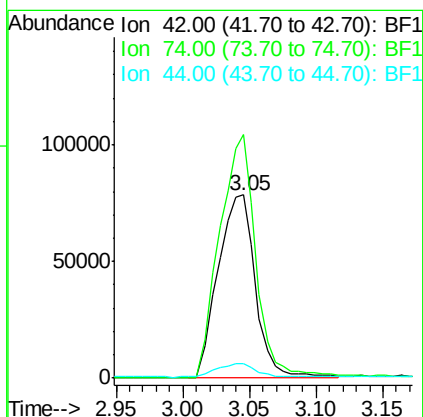
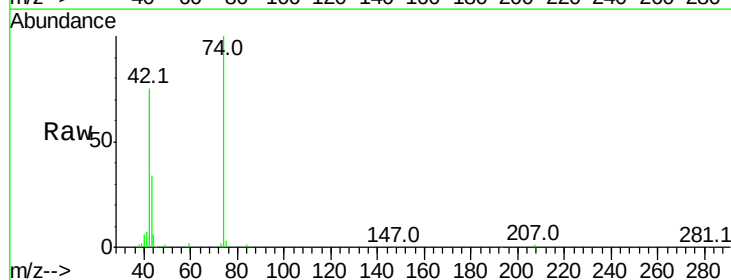
Instrument :
 BNA_F
 ClientSampleId :

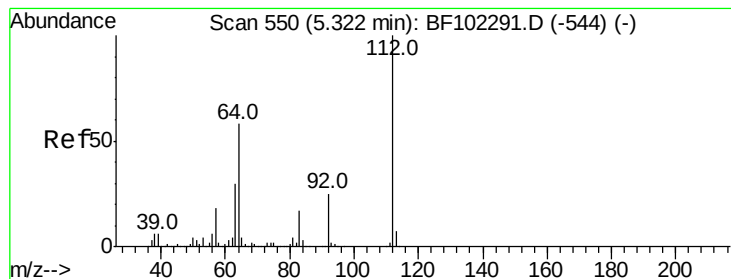
Tot Ion: 79 Resp: 391233
 Ion Ratio Lower Upper
 79 100
 52 83.6 59.8 89.6
 51 39.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 40.885 ng
 RT: 3.05 min Scan# 163
 Delta R.T. -0.01 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion: 42 Resp: 154400
 Ion Ratio Lower Upper
 42 100
 74 132.8 104.9 157.3
 44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 80.252 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

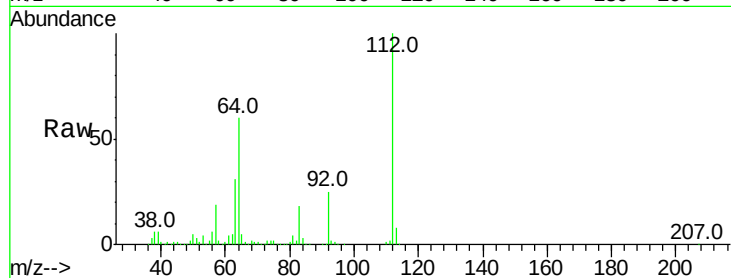
Tot Ion:112 Resp: 622607

Ion Ratio Lower Upper

112 100

64 60.3 47.9 71.9

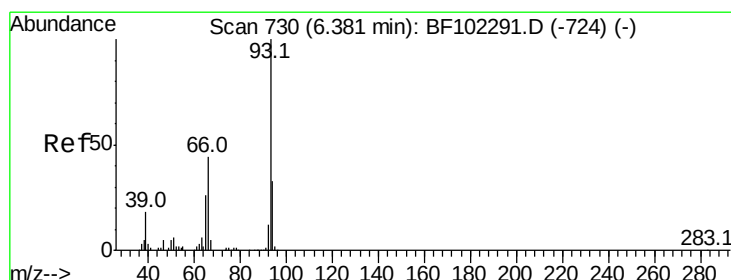
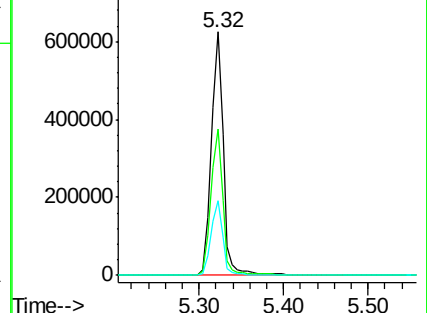
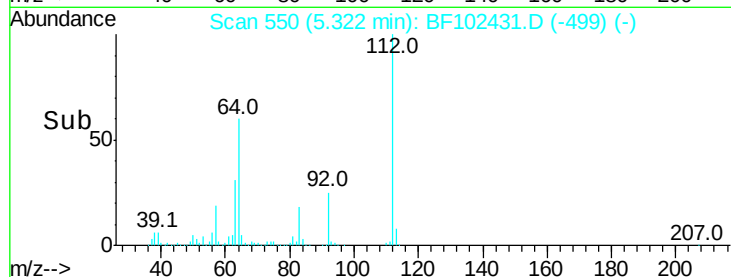
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.204 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

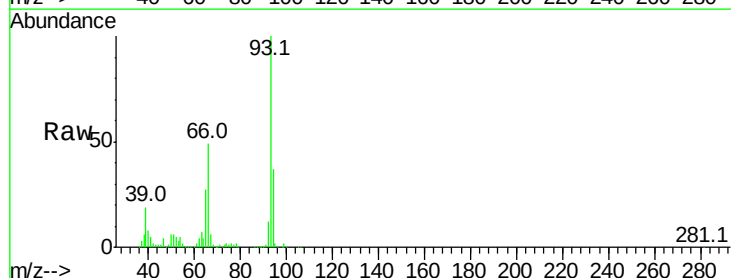
Tgt Ion: 93 Resp: 484994

Ion Ratio Lower Upper

93 100

66 48.7 32.2 48.2#

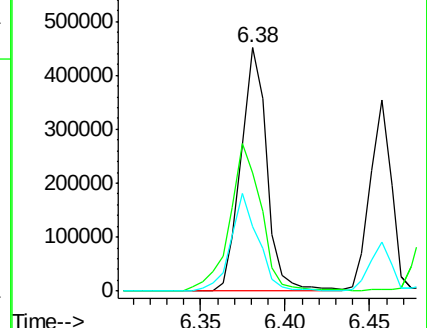
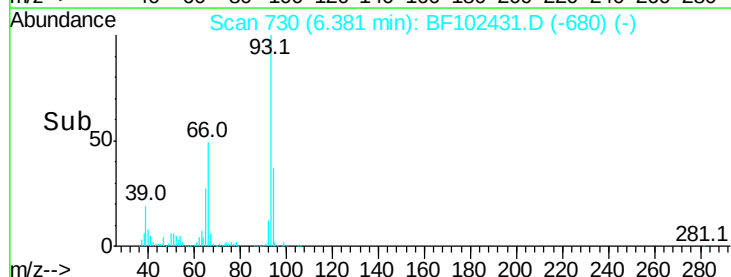
65 26.7 16.4 24.6#

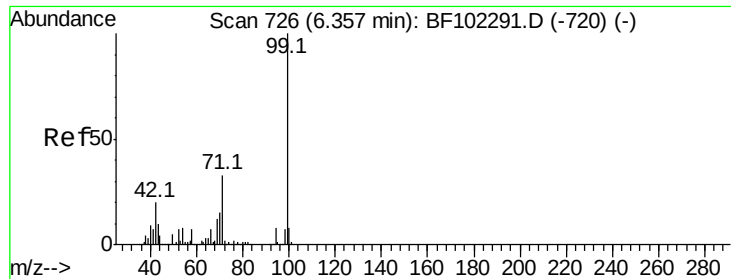


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.531 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

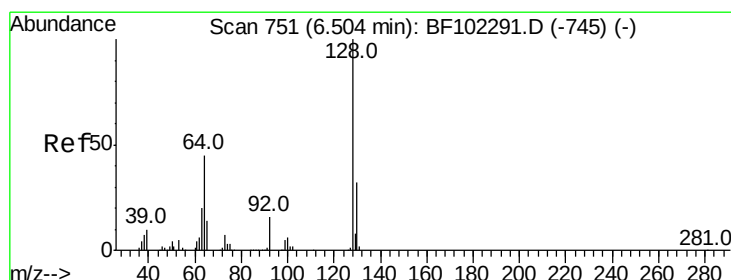
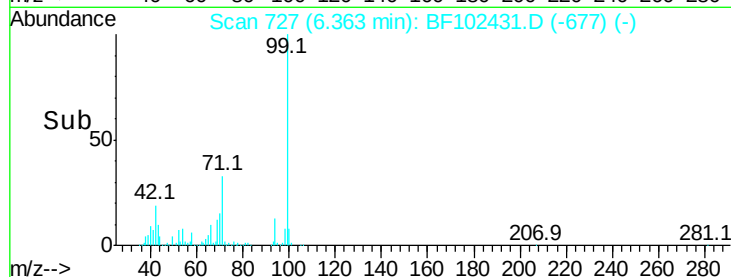
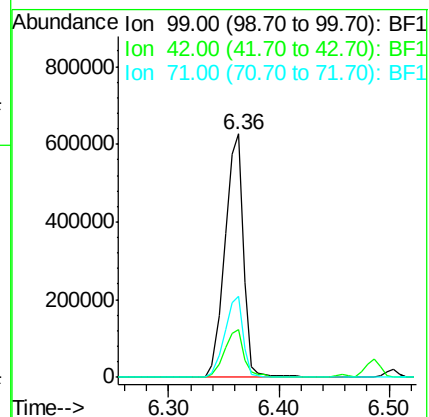
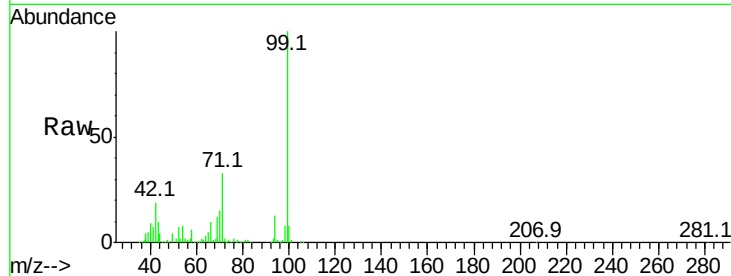
Tot Ion: 99 Resp: 734503

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.5 25.4 38.0



#8

2-Chlorophenol

Concen: 39.978 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

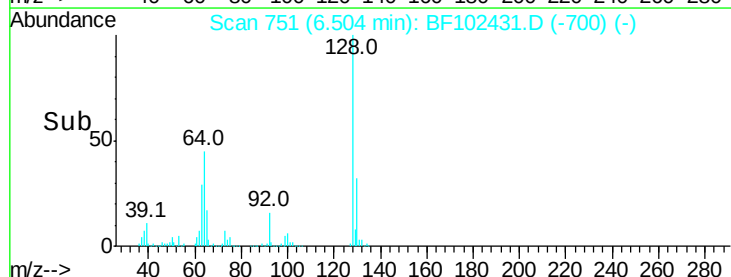
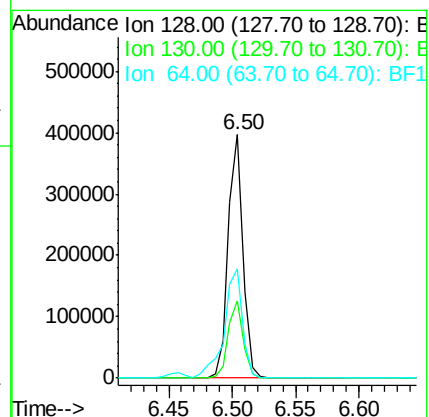
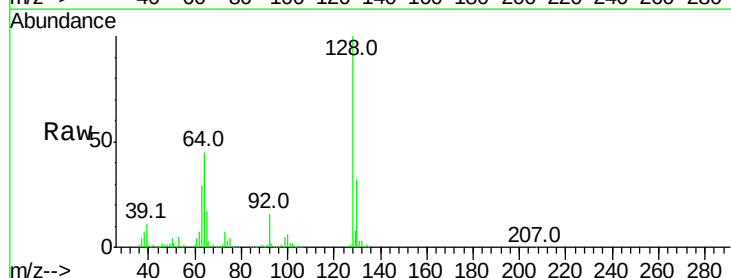
Tgt Ion: 128 Resp: 325124

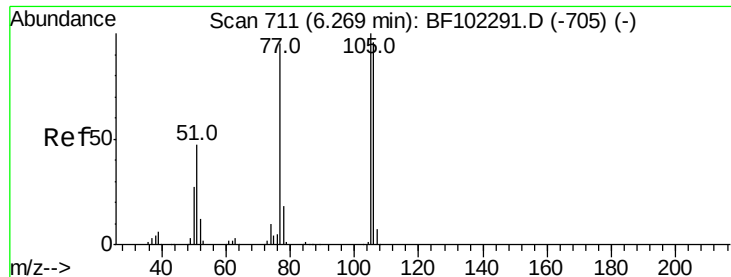
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 45.1 29.4 69.4





#9

Benzaldehyde

Concen: 39.389 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampled :

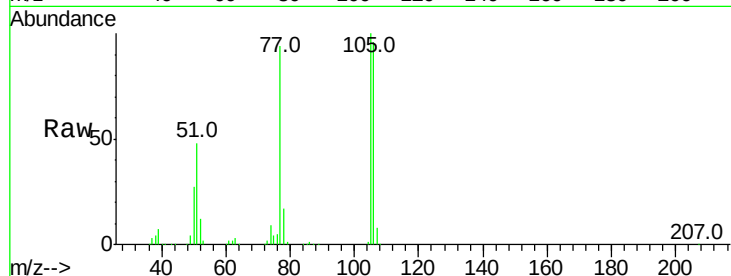
Tot Ion: 77 Resp: 205528

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

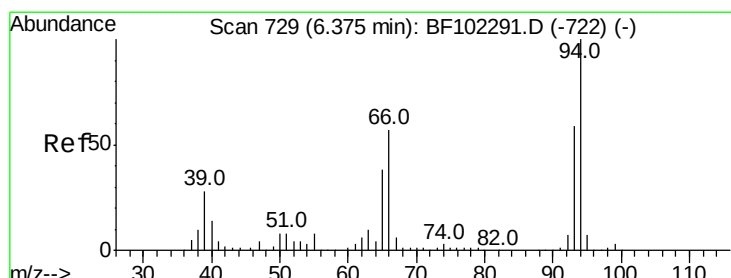
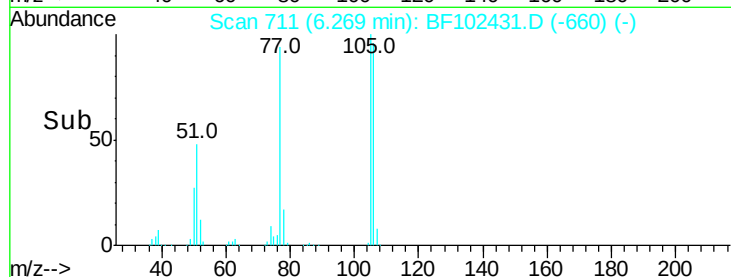
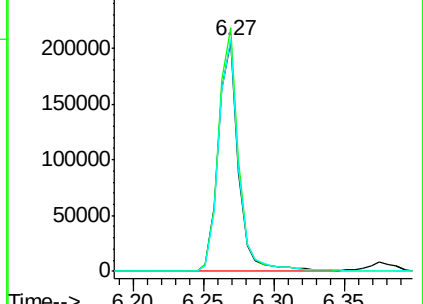
106 101.2 74.5 114.5



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: 39.033 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

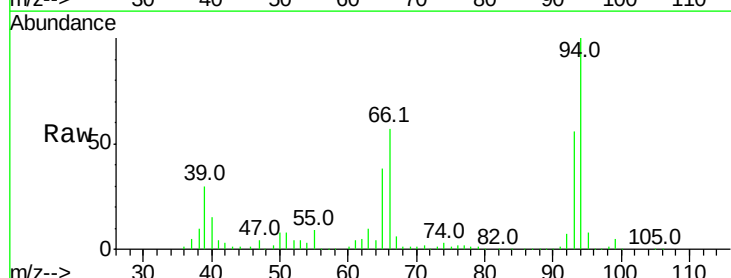
Tgt Ion: 94 Resp: 398564

Ion Ratio Lower Upper

94 100

65 37.9 7.9 47.9

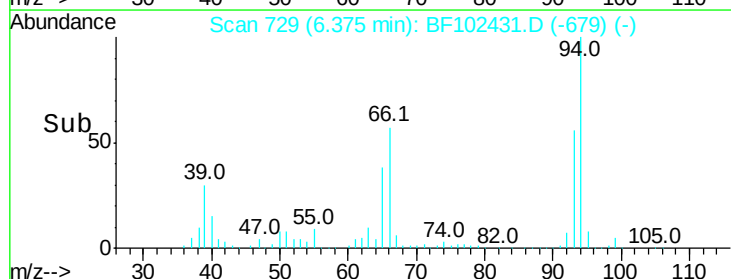
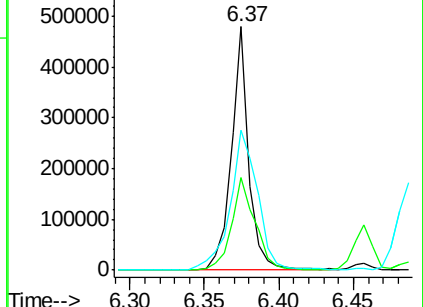
66 57.3 16.2 56.2#

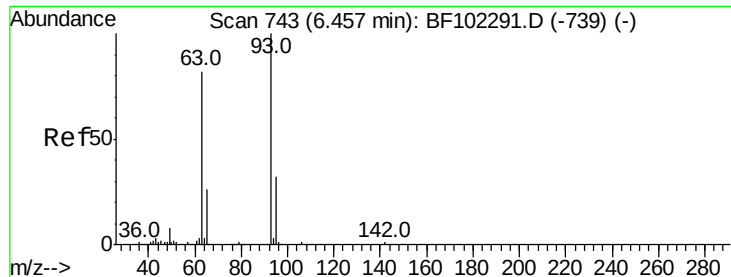


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

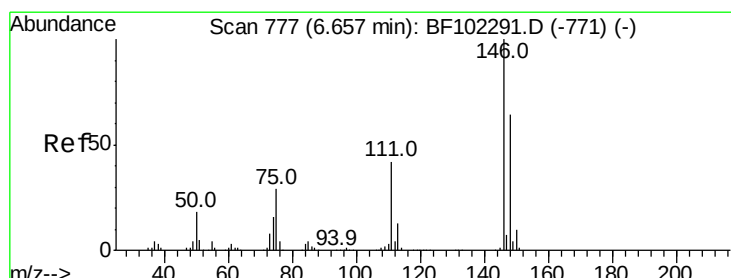
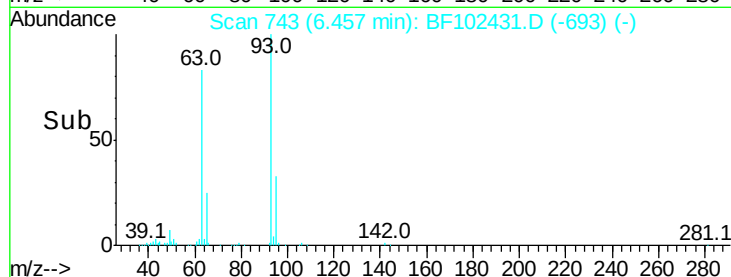
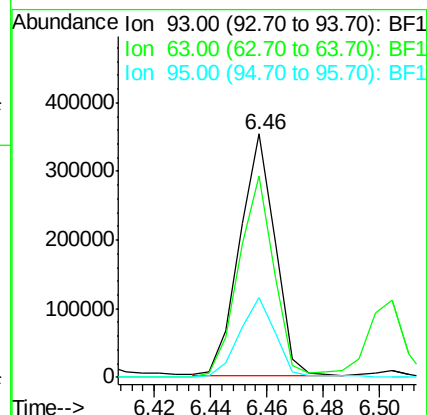
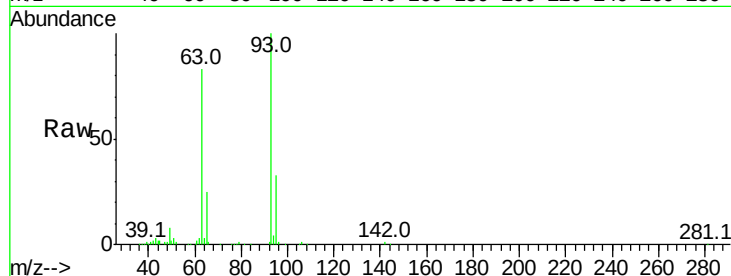




#11
bis(2-Chloroethyl)ether
Concen: 39.463 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

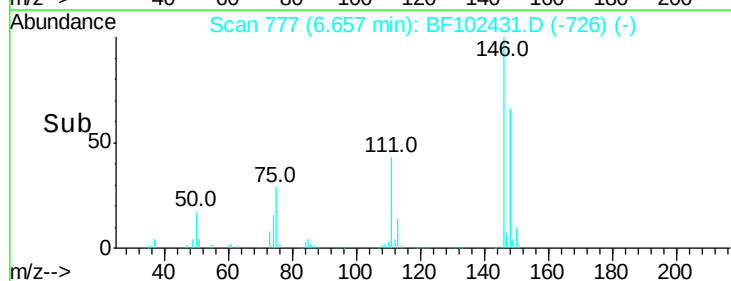
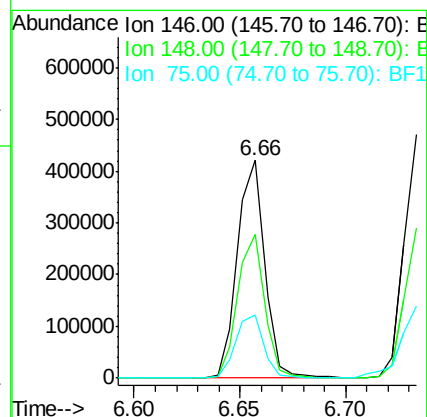
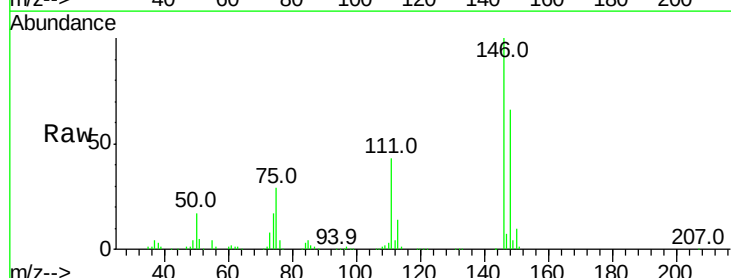
Instrument :
BNA_F
ClientSampleId :

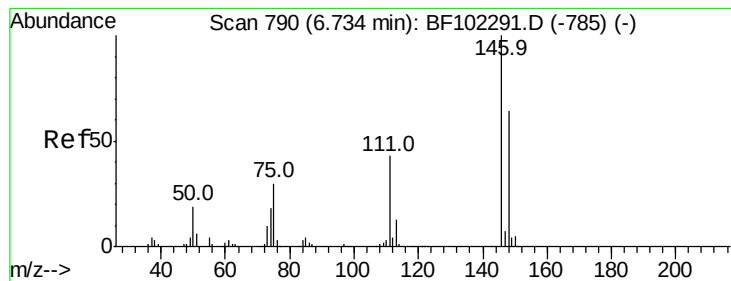
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	58.6	98.6
95	32.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.894 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.8
75	28.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.887 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

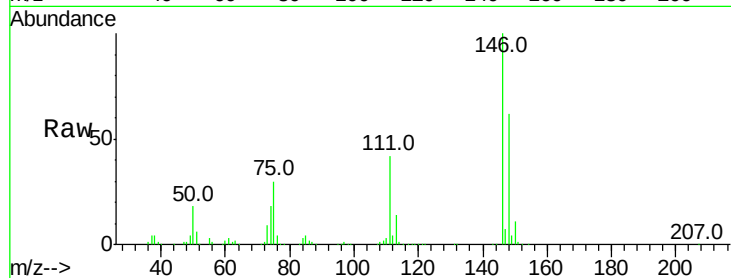
Tot Ion:146 Resp: 386453

Ion Ratio Lower Upper

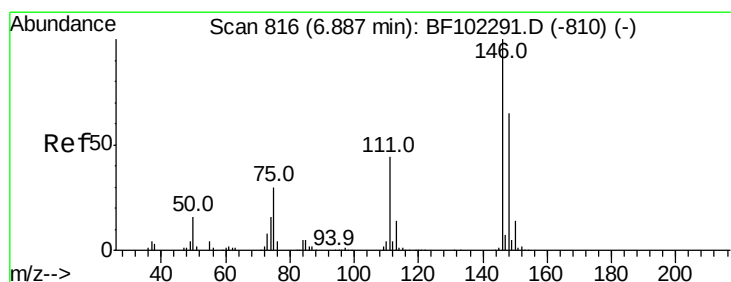
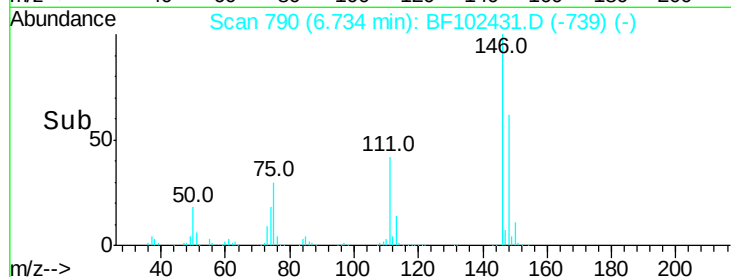
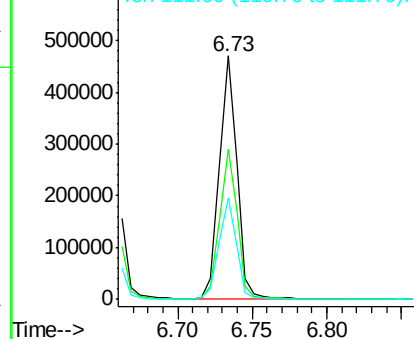
146 100

148 61.9 50.8 76.2

111 41.8 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: 39.894 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

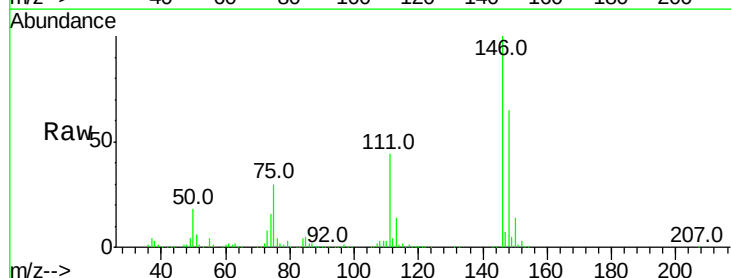
Tgt Ion:146 Resp: 353543

Ion Ratio Lower Upper

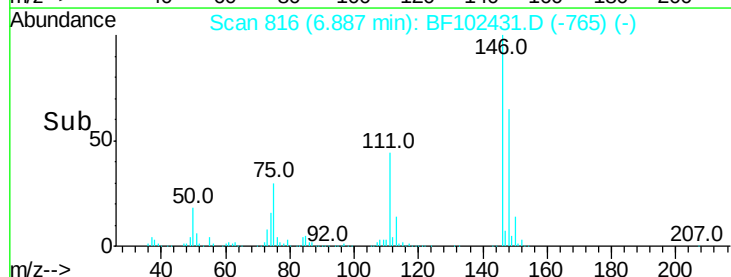
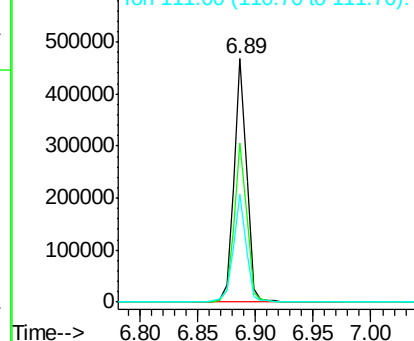
146 100

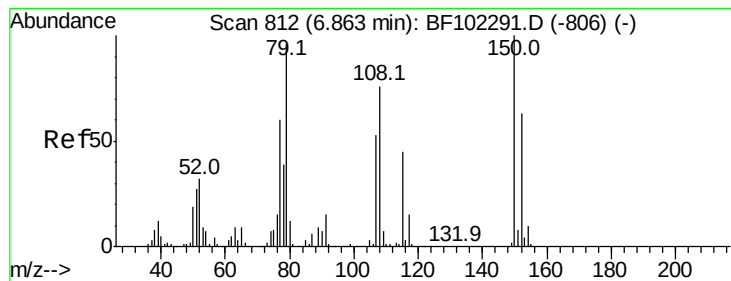
148 65.2 50.6 75.8

111 44.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 39.020 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

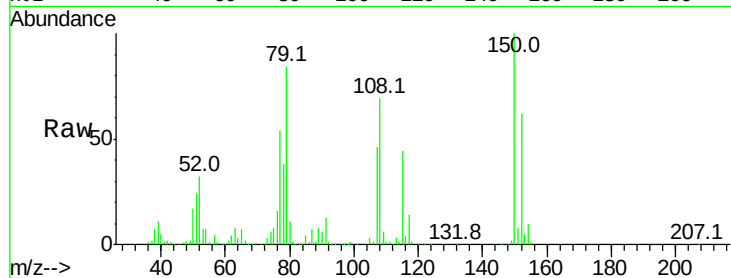
Tot Ion: 79 Resp: 257502

Ion Ratio Lower Upper

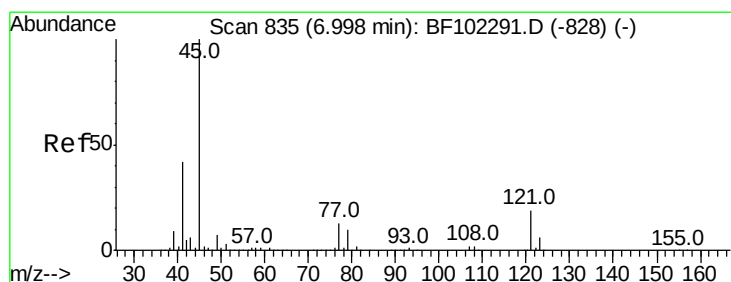
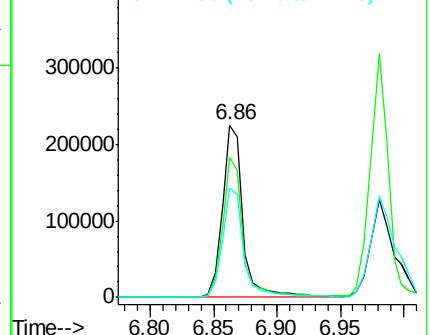
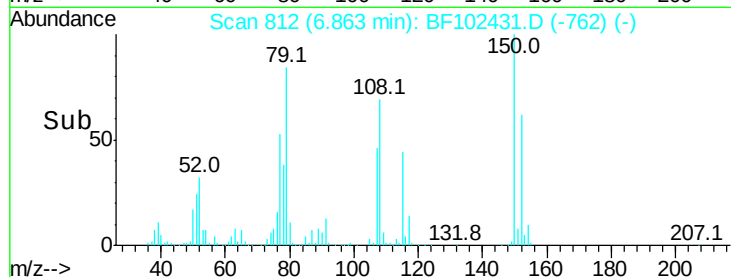
79 100

108 81.1 65.1 97.7

77 63.4 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.635 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

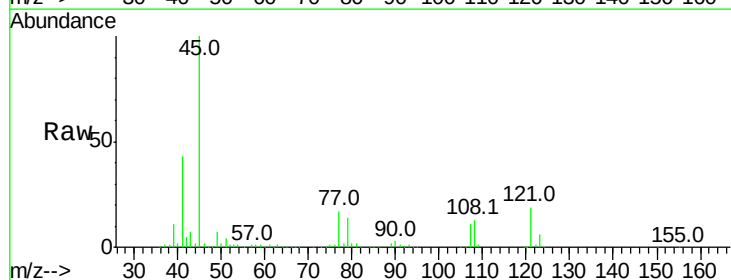
Tgt Ion: 45 Resp: 503229

Ion Ratio Lower Upper

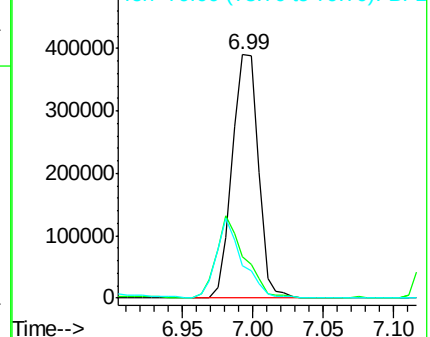
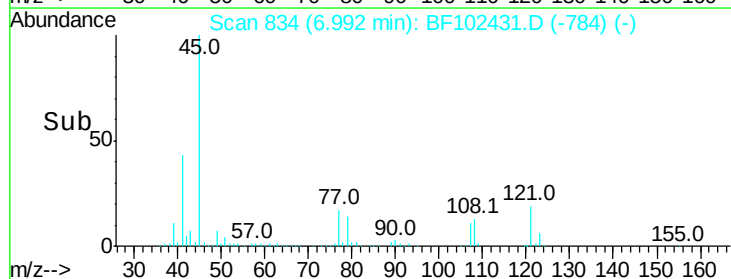
45 100

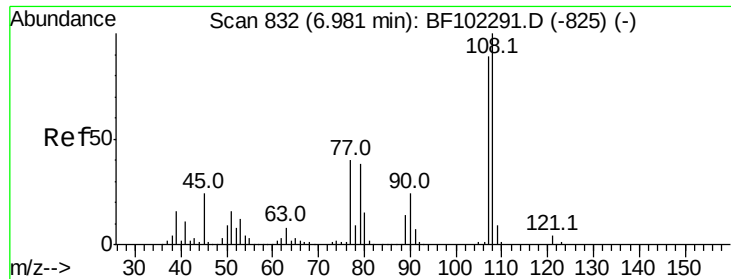
77 16.9 0.0 32.9

79 13.5 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

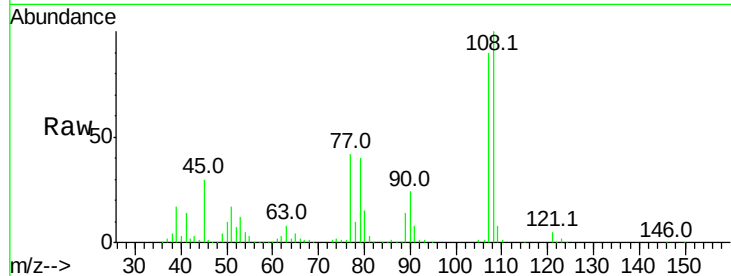




#17
2-Methylphenol
Concen: 39.129 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.7	137.5
77	46.5	33.8	50.8
79	44.8	33.8	50.8



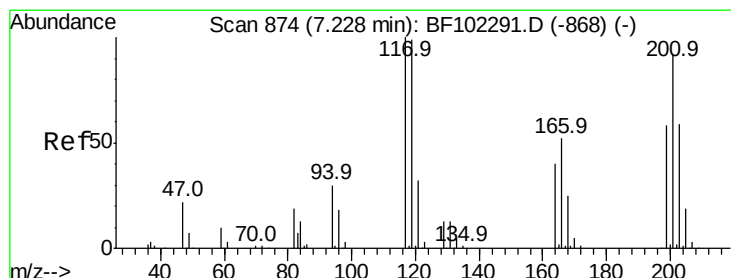
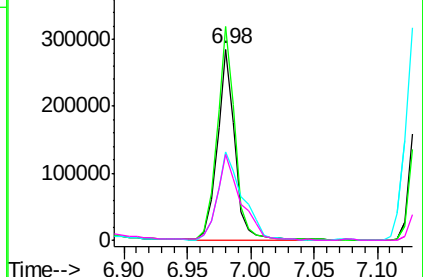
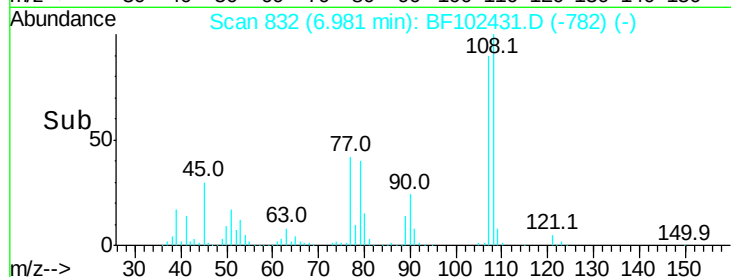
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

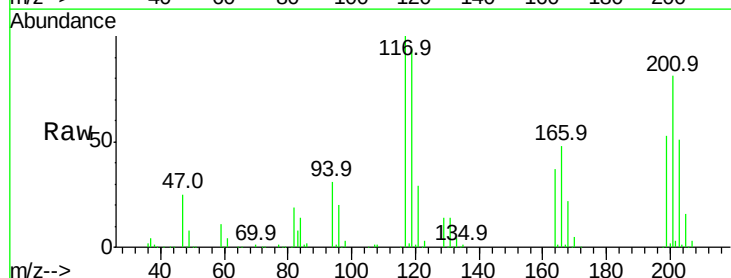
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.996 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8
201	80.9	75.7	113.5

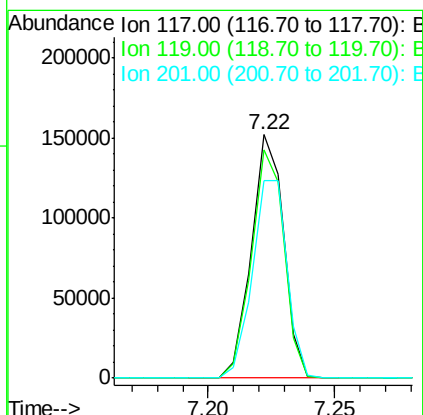
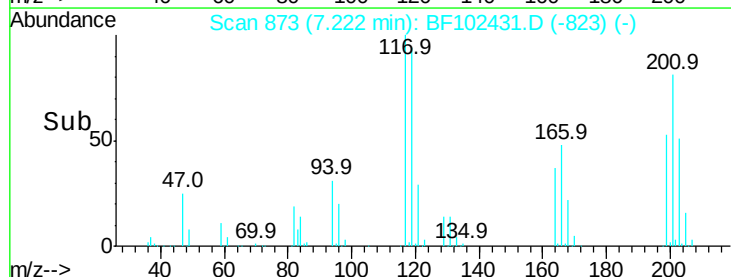


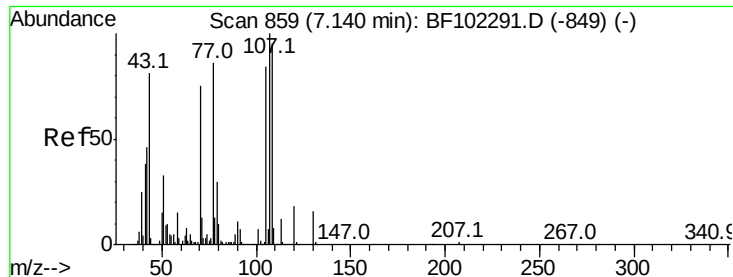
Abundance

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

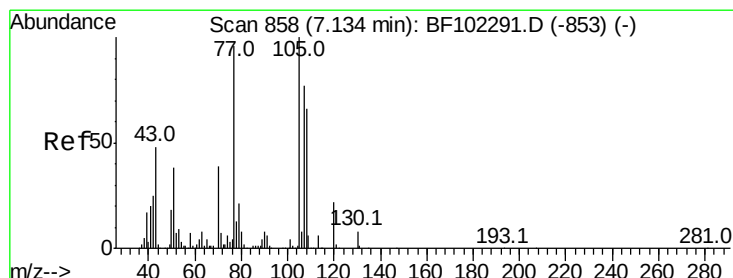
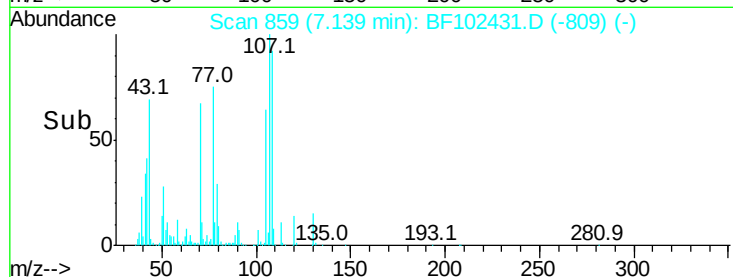
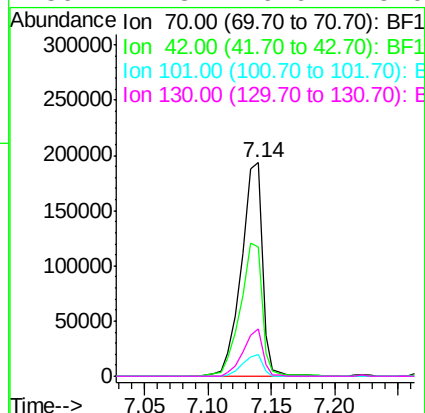
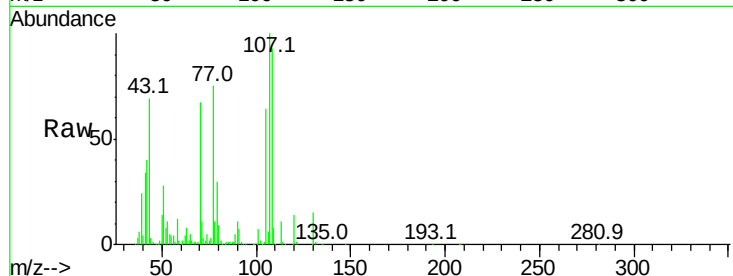




#19
n-Nitroso-di-n-propylamine
Concen: 38.773 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

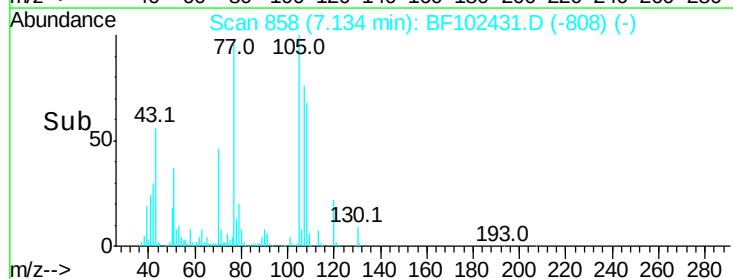
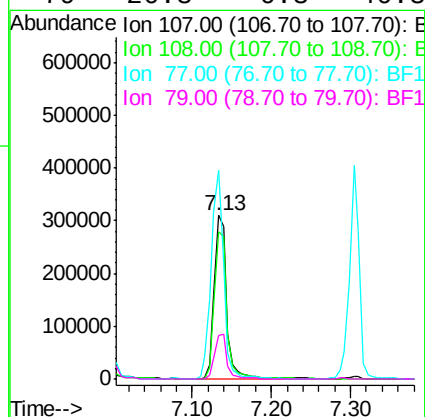
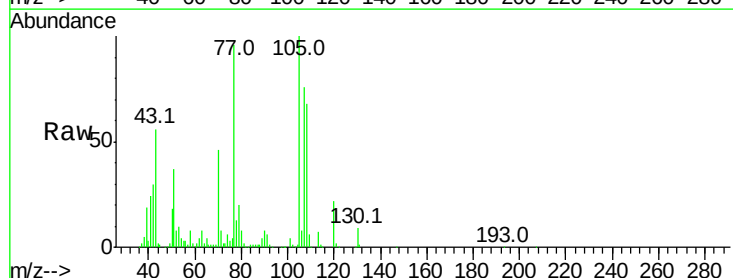
Instrument :
BNA_F
ClientSampleId :

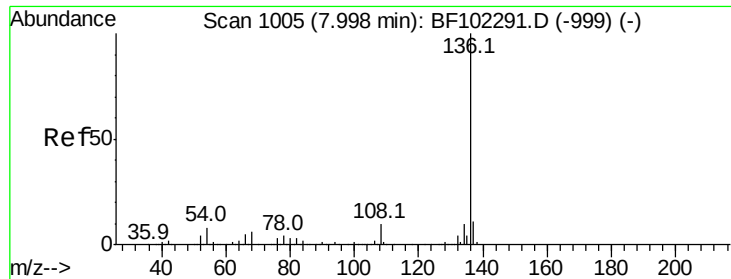
Tot Ion:	70	Resp:	221929
Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.5	71.3
101	10.2	7.4	11.2
130	22.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.364 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion:	107	Resp:	335299
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.2	108.2
77	127.2	26.7	66.7#
79	26.3	6.3	46.3

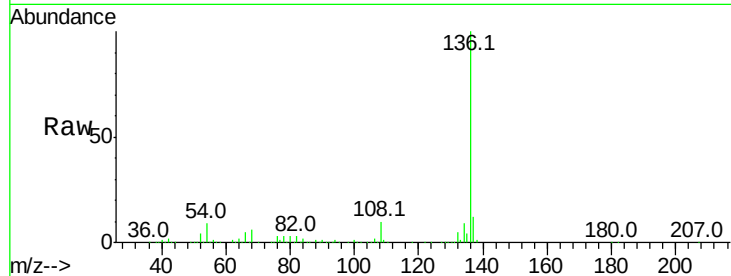




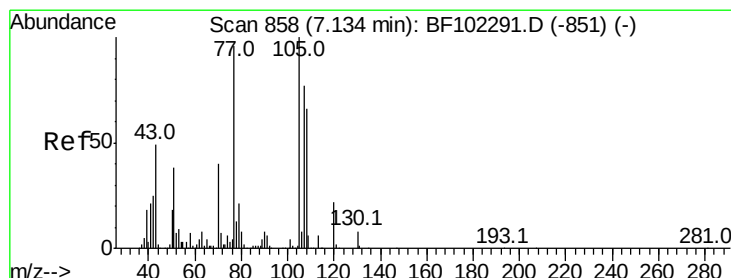
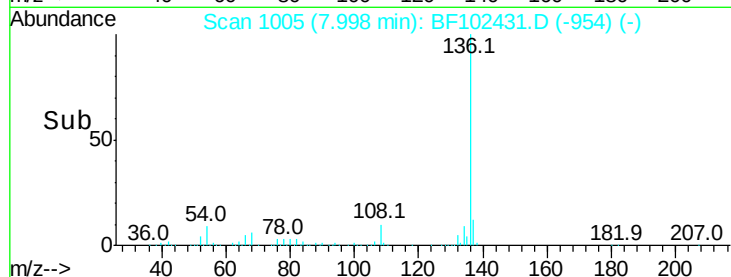
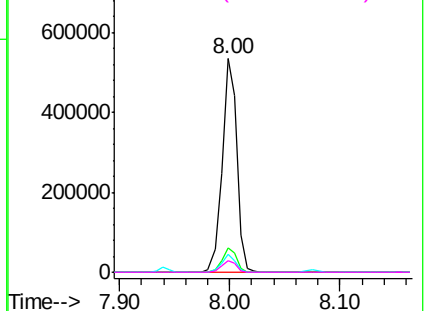
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	496284	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	8.9	13.3	
54 8.6	6.6	9.8	
68 5.6	5.0	7.4	

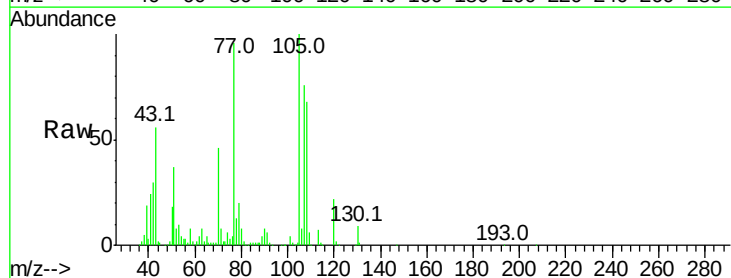


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

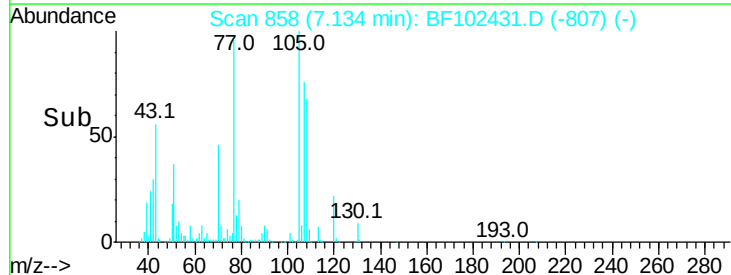
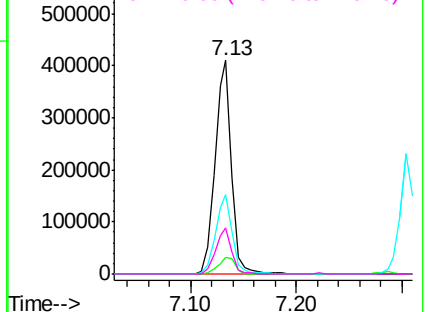


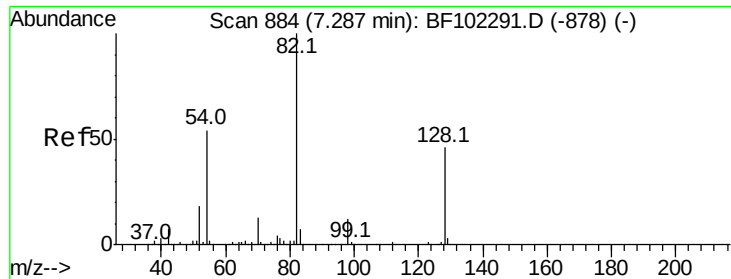
#22
Acetophenone
Concen: 38.244 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt	Ion:105	Resp:	452444
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	37.4	22.3	33.5#
120	21.7	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

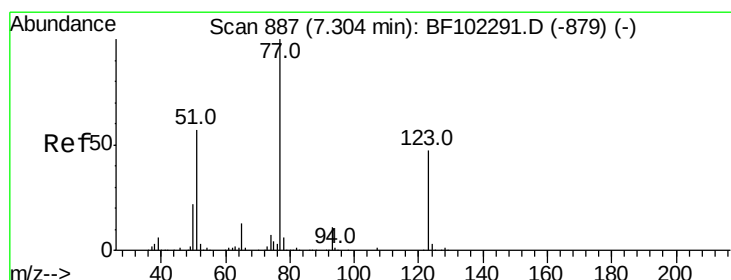
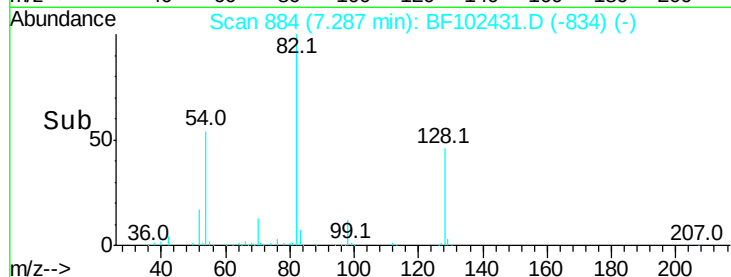
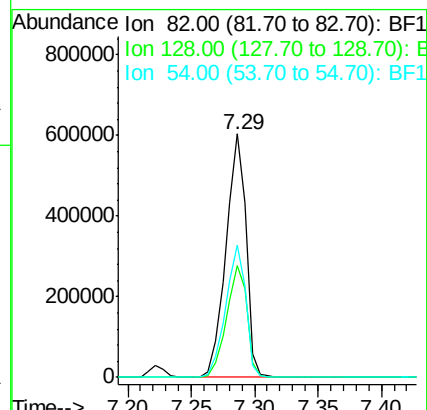
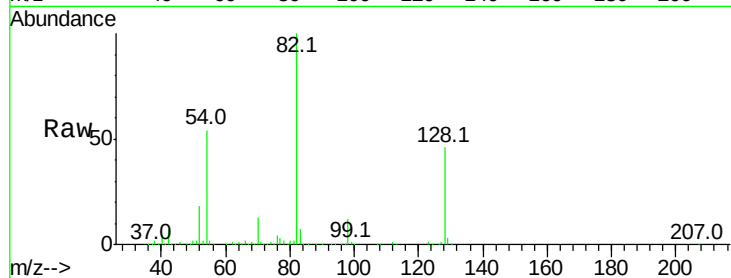




#23
 Nitrobenzene-d5
 Concen: 77.355 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

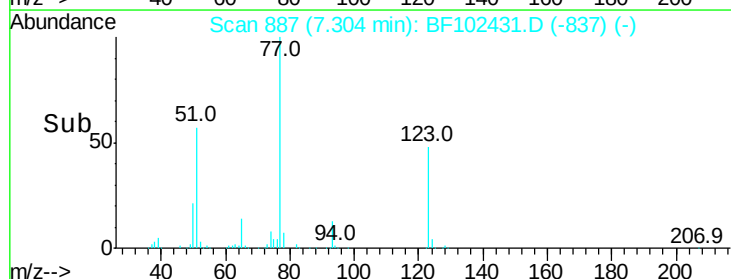
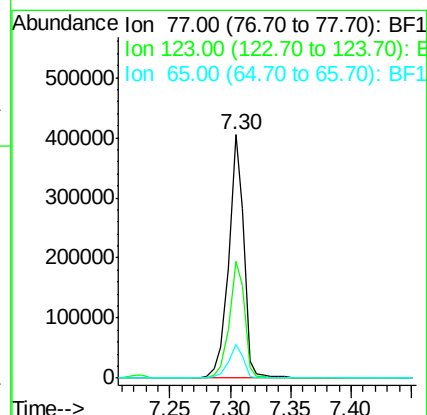
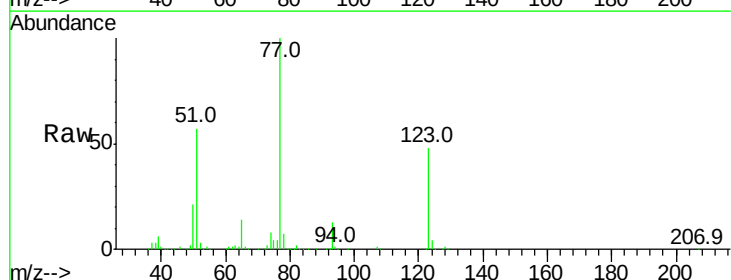
Instrument :
 BNA_F
 ClientSampleId :

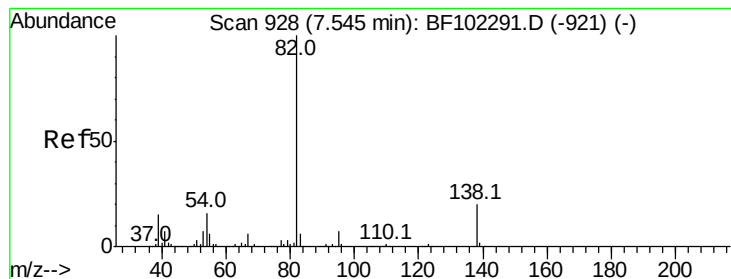
Tot Ion: 82 Resp: 668035
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 54.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.215 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion: 77 Resp: 346578
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.9 56.9
 65 13.9 11.0 16.4





#25

Isophorone

Concen: 38.001 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

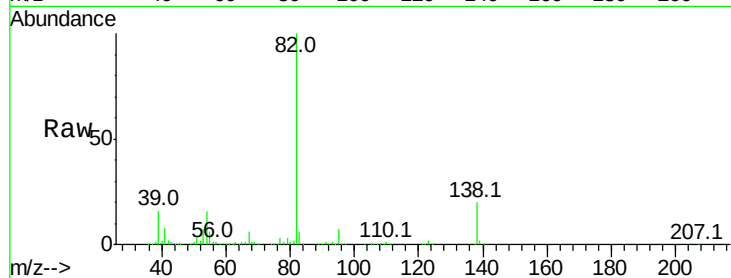
Tot Ion: 82 Resp: 585064

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

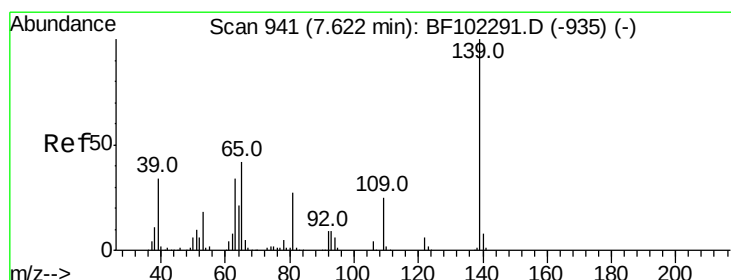
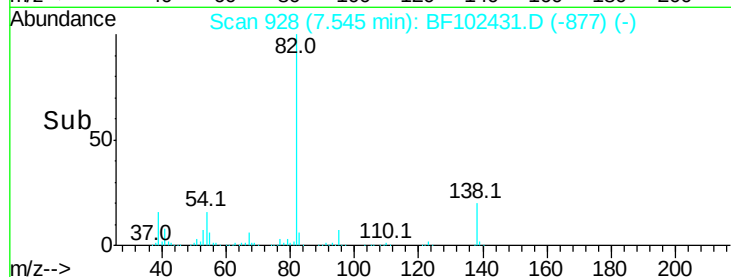
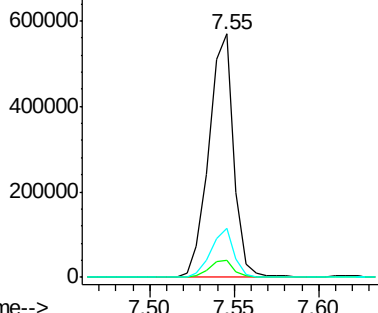
138 20.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.850 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

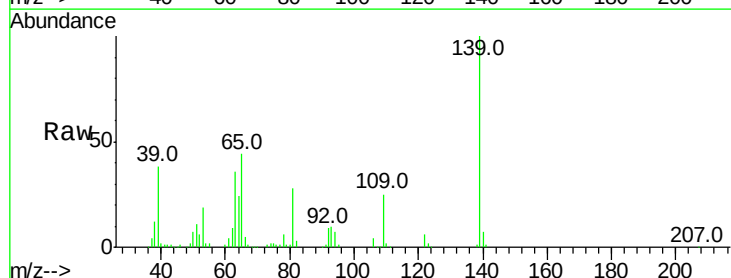
Tgt Ion:139 Resp: 185361

Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

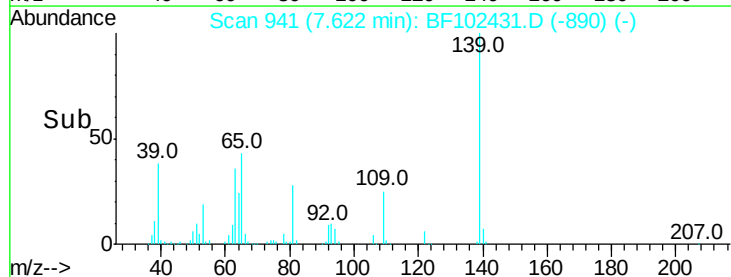
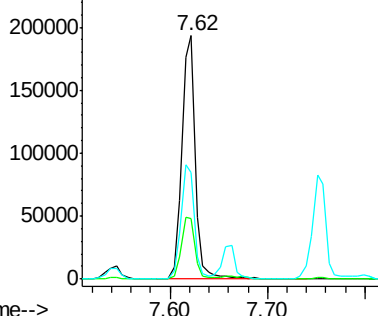
65 44.0 40.5 60.7

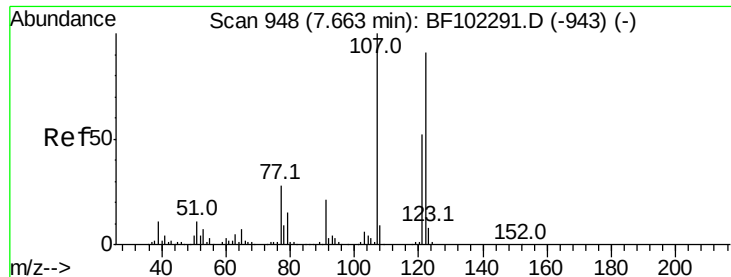


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.372 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

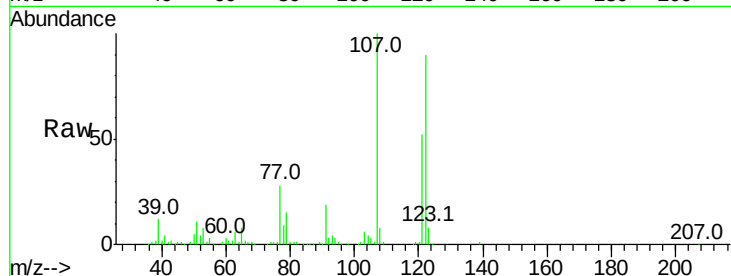
Tot Ion:122 Resp: 259170

Ion Ratio Lower Upper

122 100

107 110.6 91.2 136.8

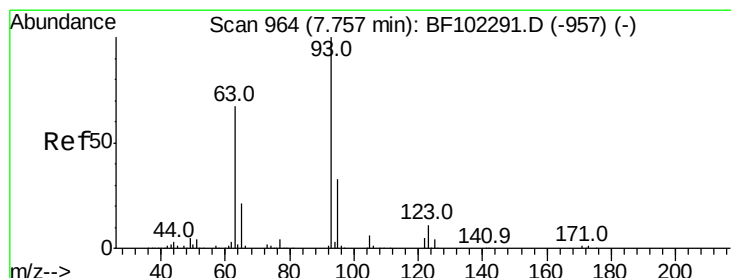
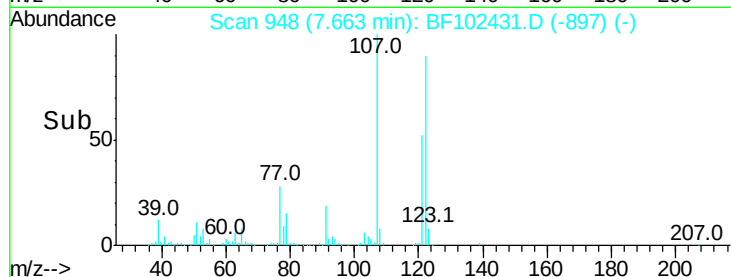
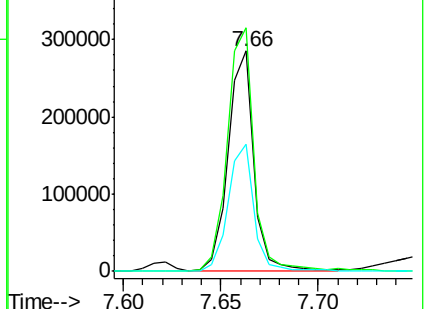
121 57.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.364 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

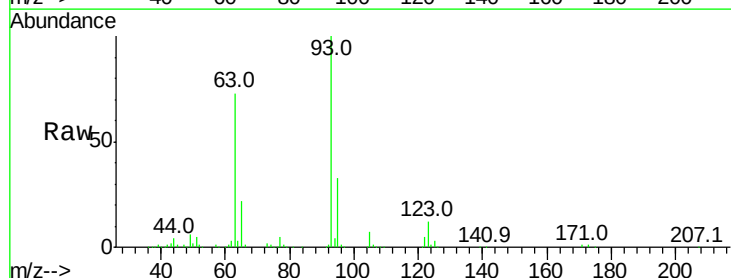
Tgt Ion: 93 Resp: 364866

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

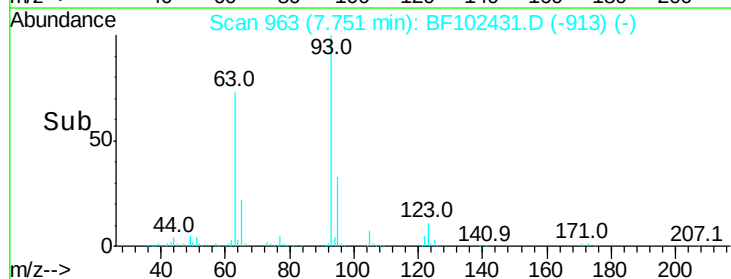
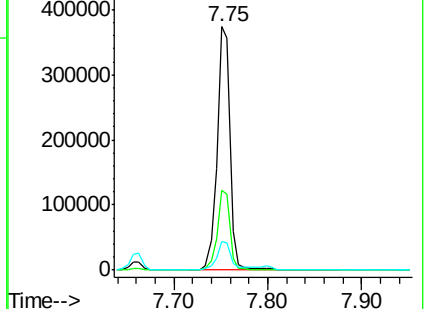
123 11.5 9.8 14.6

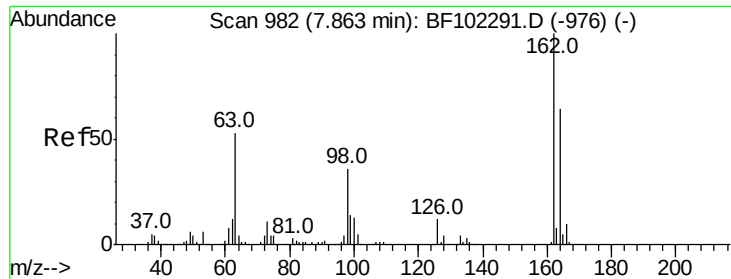


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.872 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

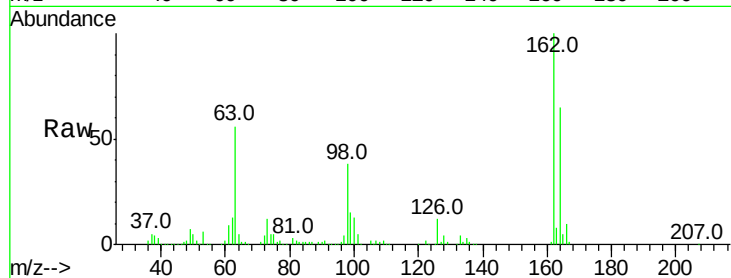
Tot Ion:162 Resp: 267434

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

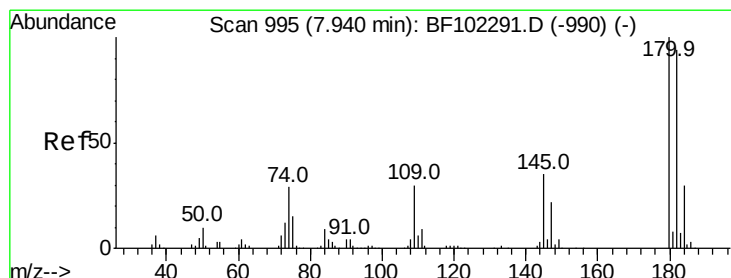
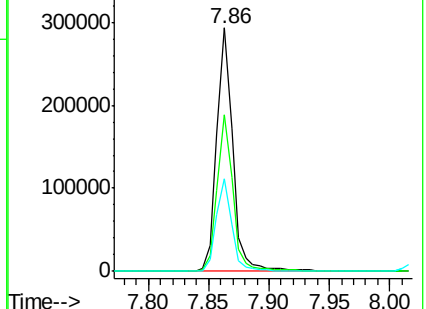
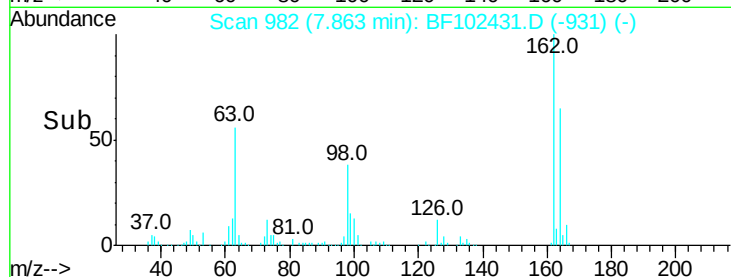
98 38.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.210 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

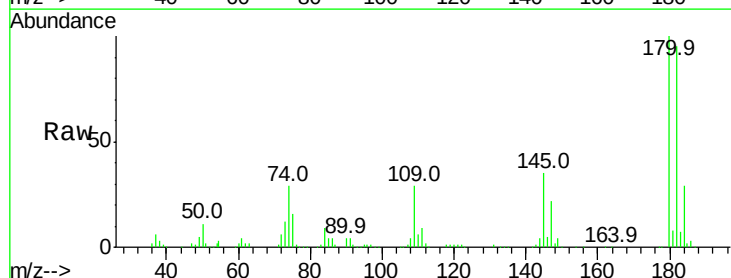
Tgt Ion:180 Resp: 281799

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

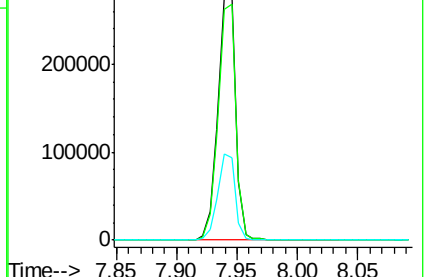
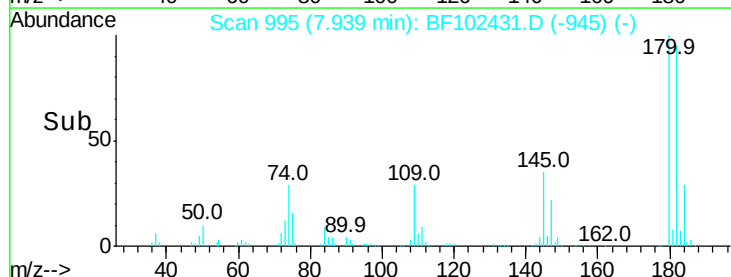
145 35.2 26.5 39.7

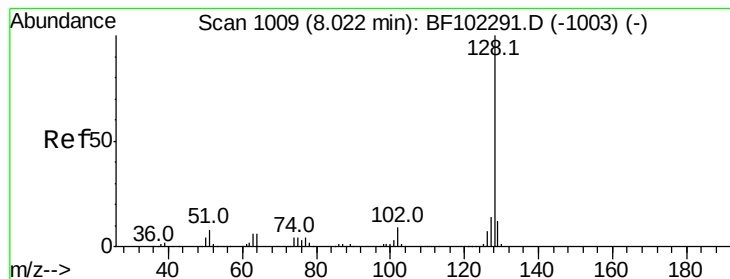


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.559 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampled :

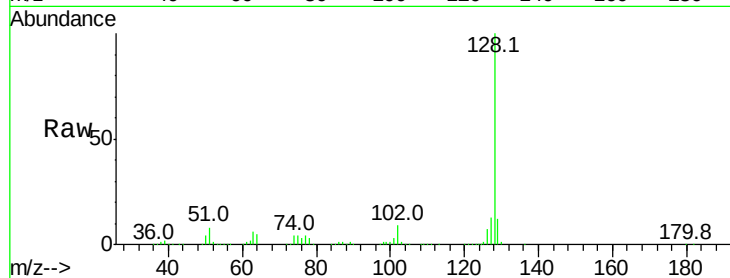
Tot Ion:128 Resp: 955433

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

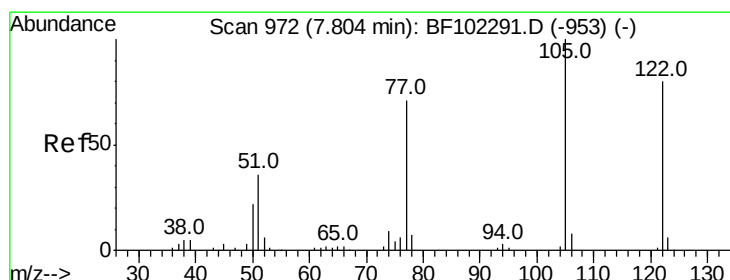
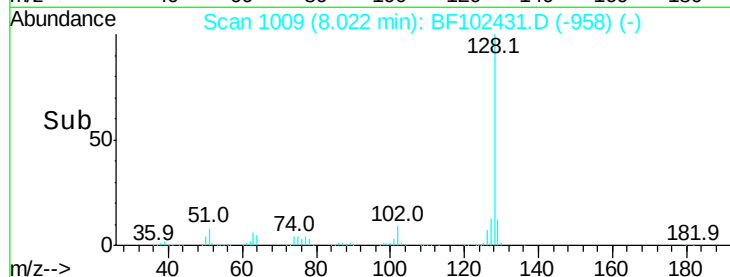
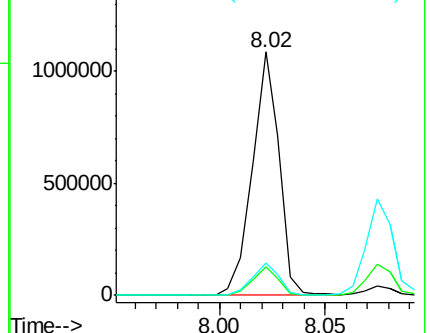
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.967 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

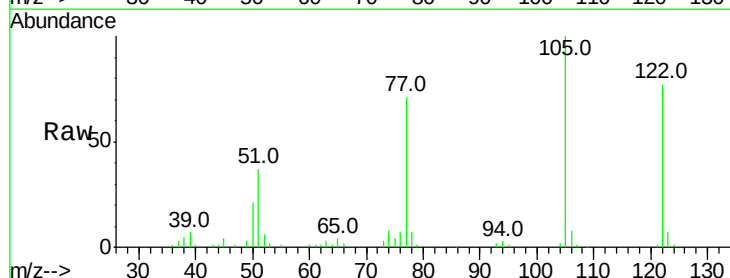
Tgt Ion:122 Resp: 163916

Ion Ratio Lower Upper

122 100

105 130.3 101.1 141.1

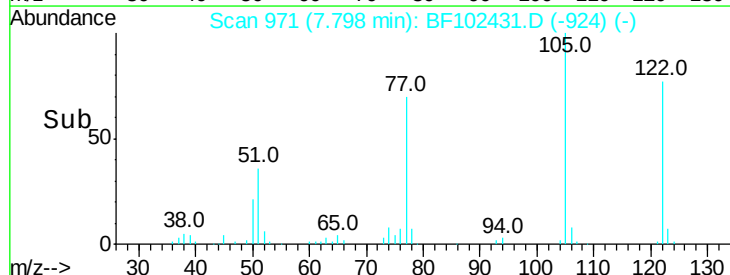
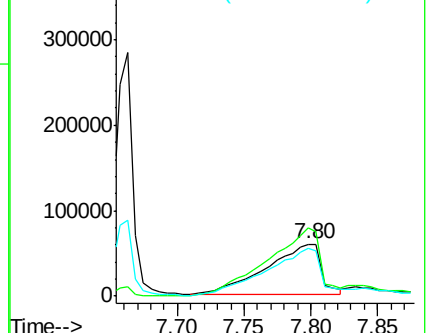
77 92.3 70.7 110.7

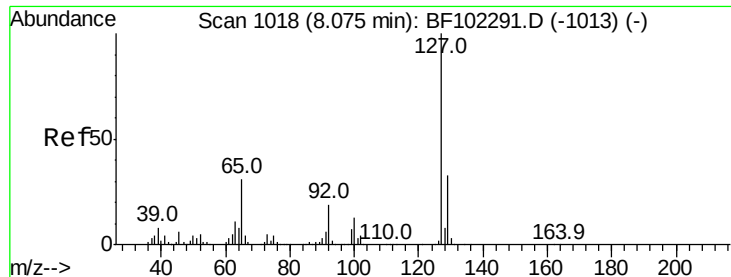


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

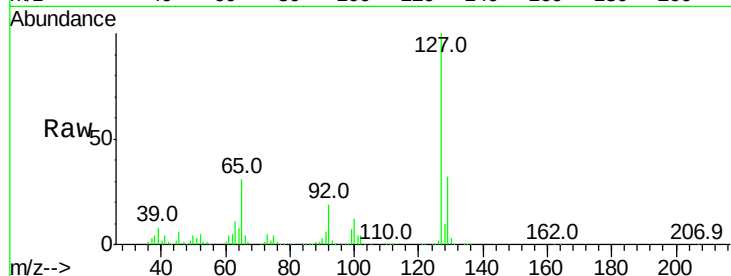




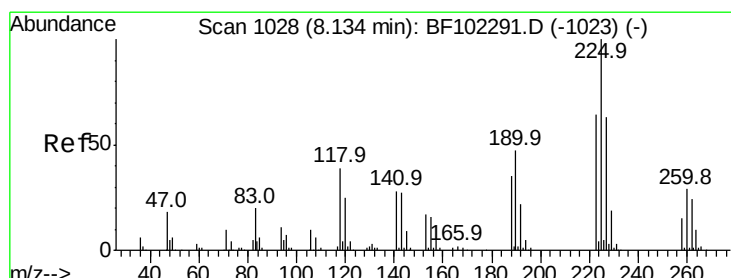
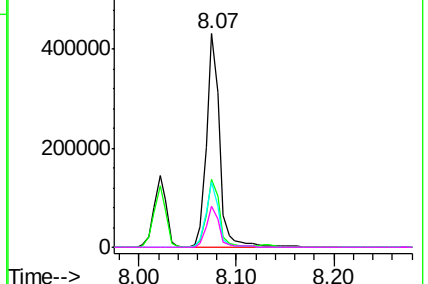
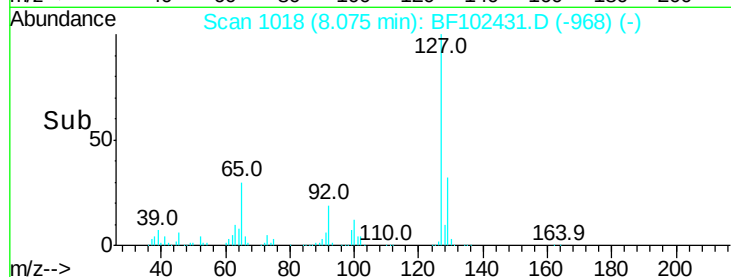
#33
4-Chloroaniline
Concen: 38.697 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	403214
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	30.6	25.0	37.4
92	19.3	15.2	22.8

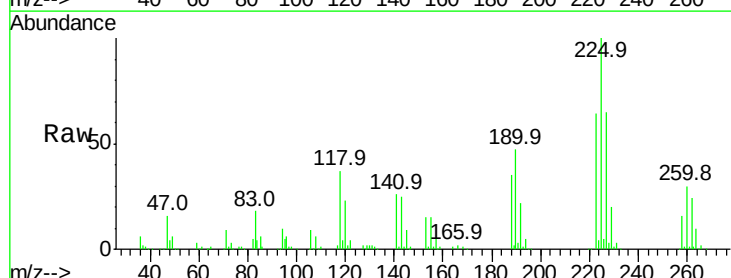


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

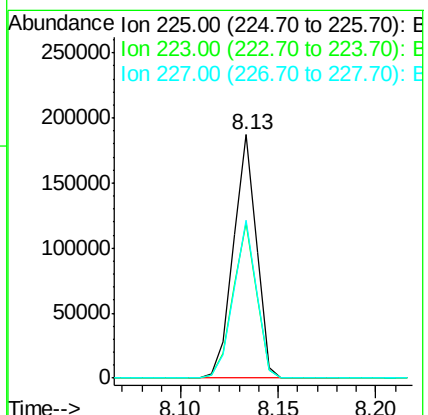
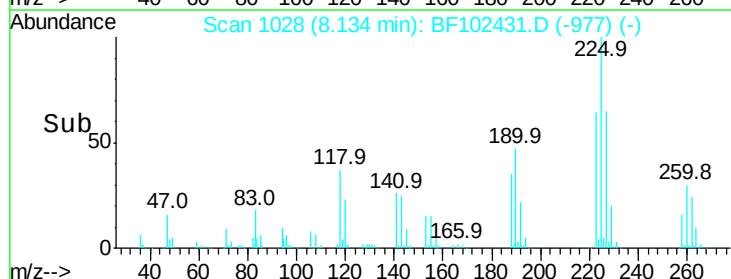


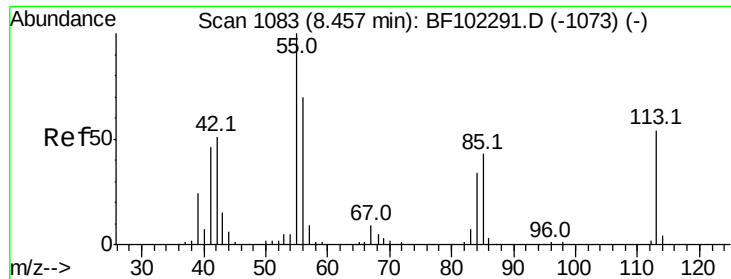
#34
Hexachlorobutadiene
Concen: 39.128 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion:	225	Resp:	154125
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	65.1	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: 38.053 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampled :

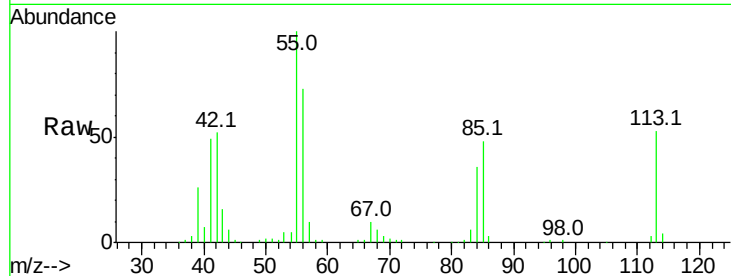
Tot Ion:113 Resp: 86464

Ion Ratio Lower Upper

113 100

55 188.2 163.3 203.3

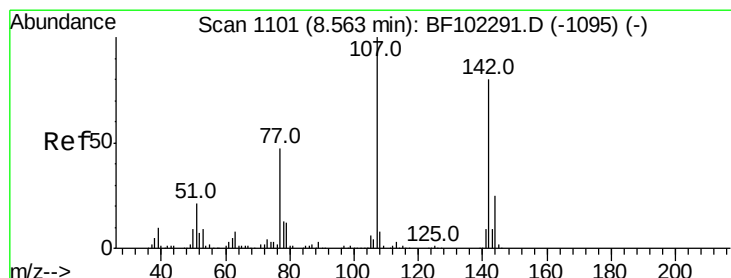
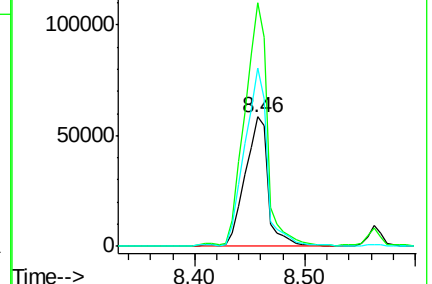
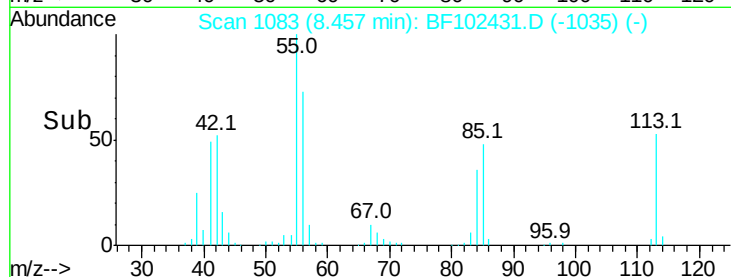
56 138.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.893 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

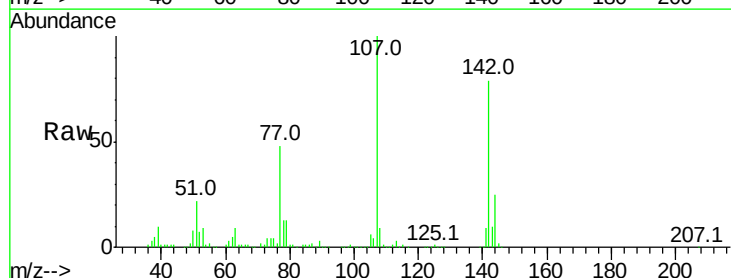
Tgt Ion:107 Resp: 282049

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

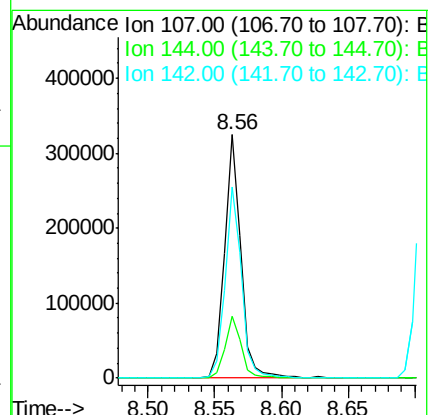
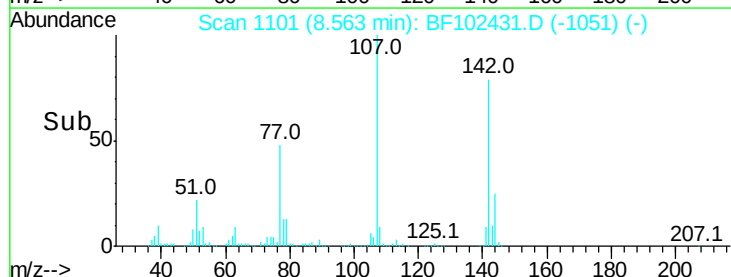
142 78.7 62.0 93.0

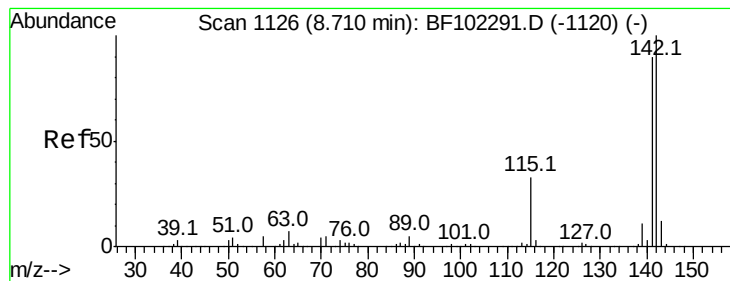


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.709 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampled :

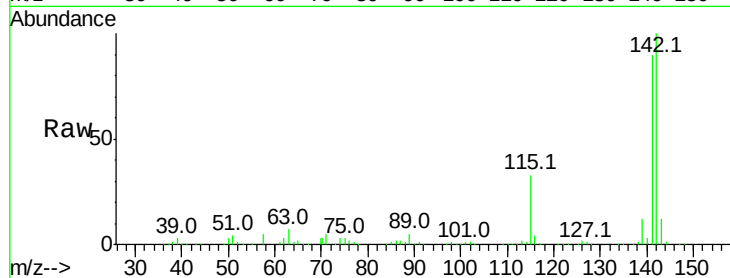
Tot Ion:142 Resp: 638771

Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

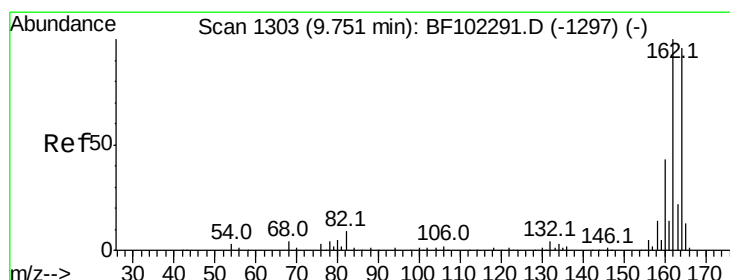
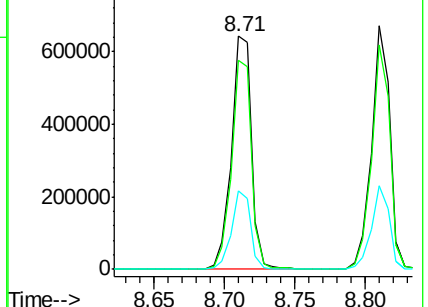
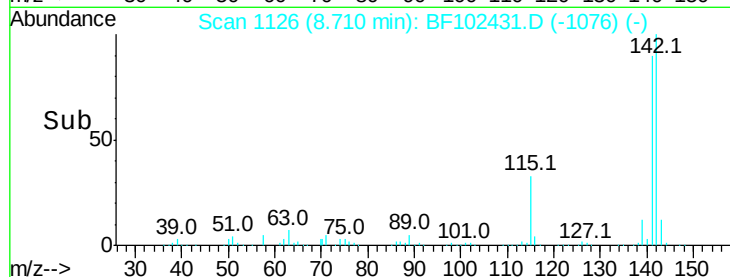
115 33.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

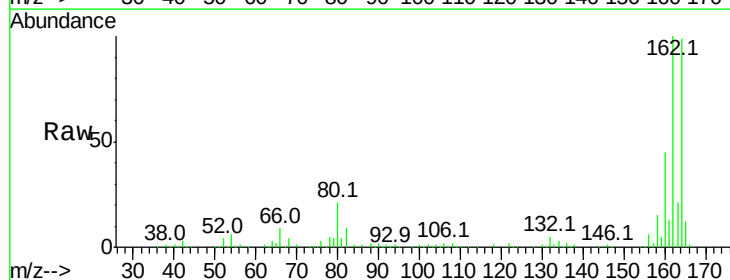
Tgt Ion:164 Resp: 224857

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

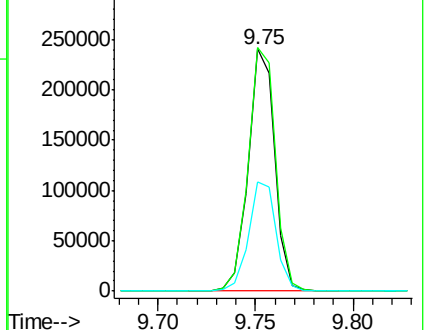
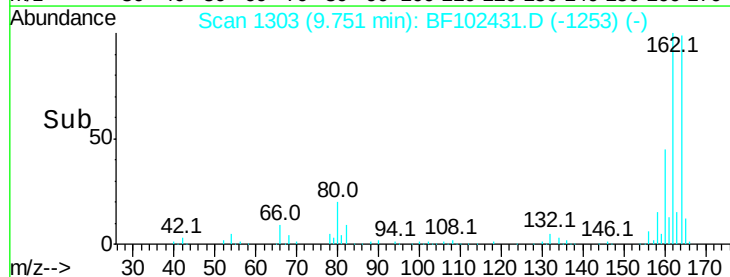
160 45.1 38.3 57.5

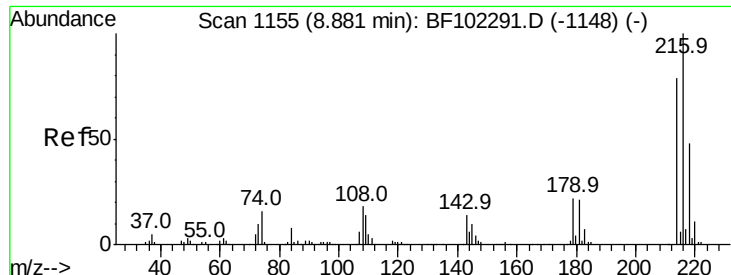


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.803 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 262506

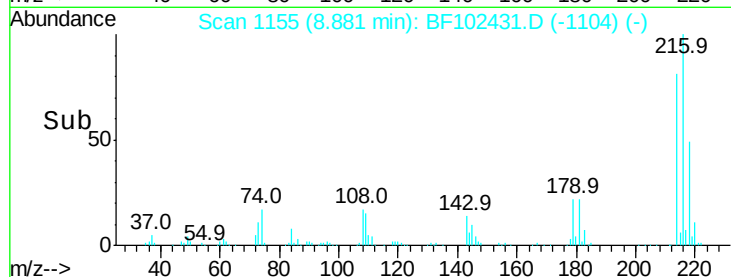
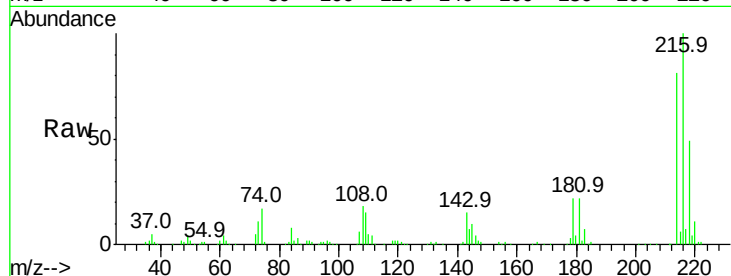
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 22.5 18.1 27.1

108 20.9 17.2 25.8

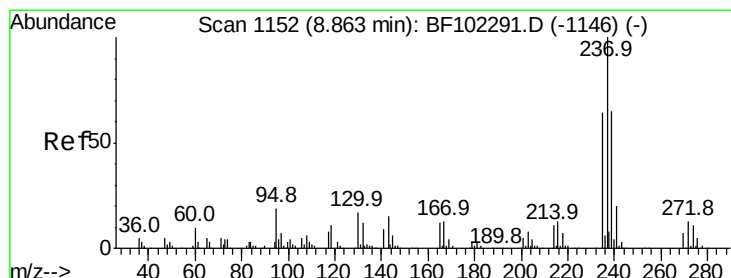
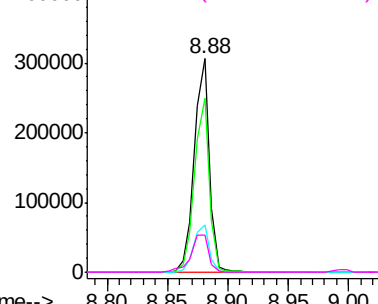


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.095 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

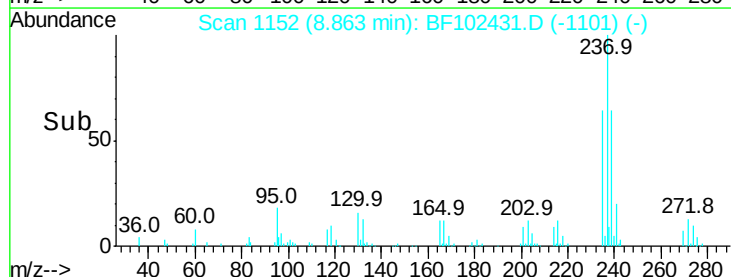
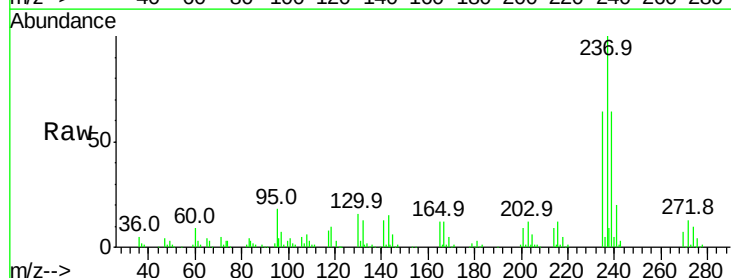
Tgt Ion:237 Resp: 118360

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

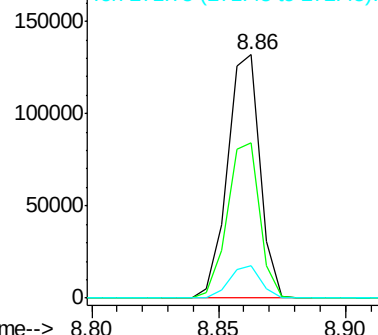
272 13.2 0.0 33.3

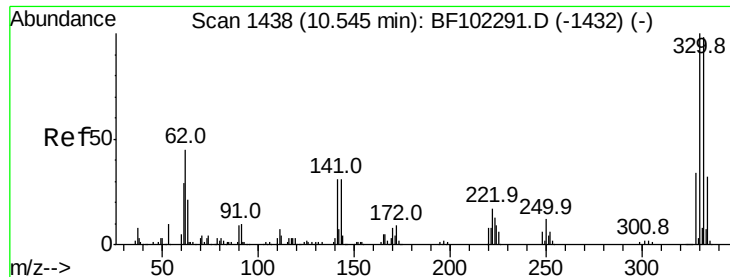


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

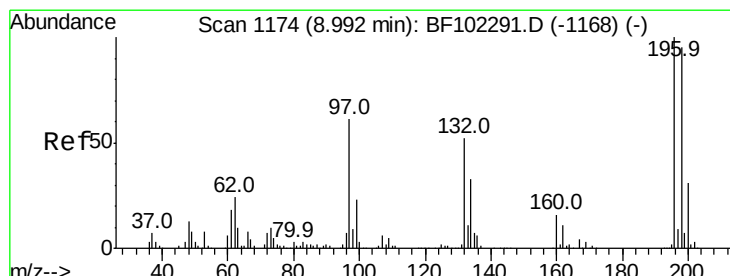
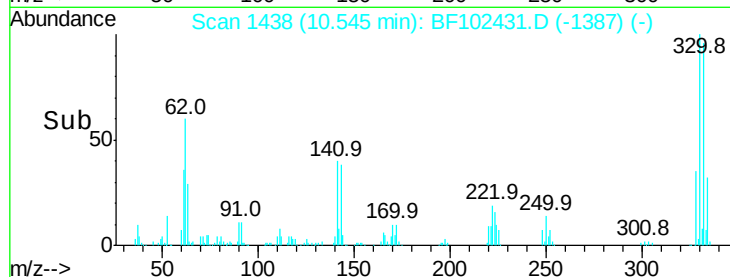
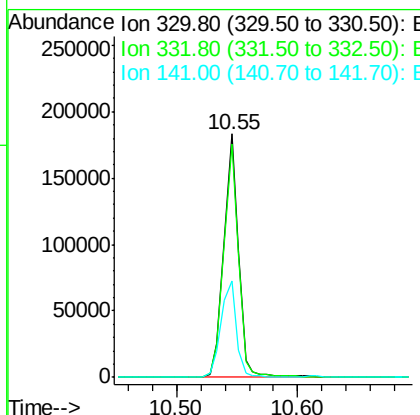
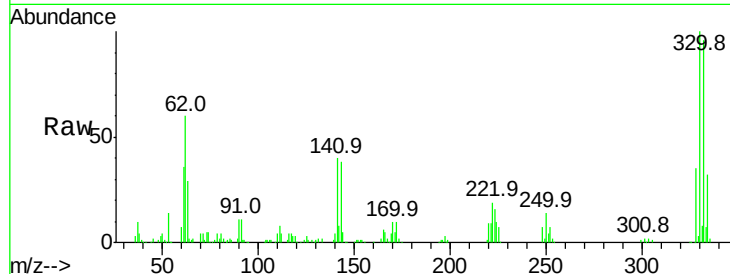




#41
 2,4,6-Tribromophenol
 Concen: 69.852 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

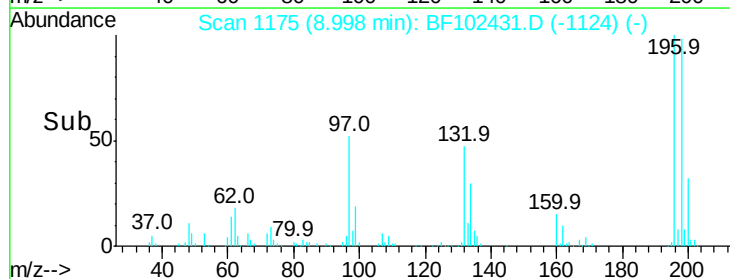
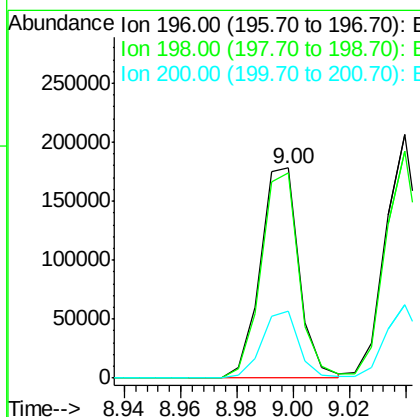
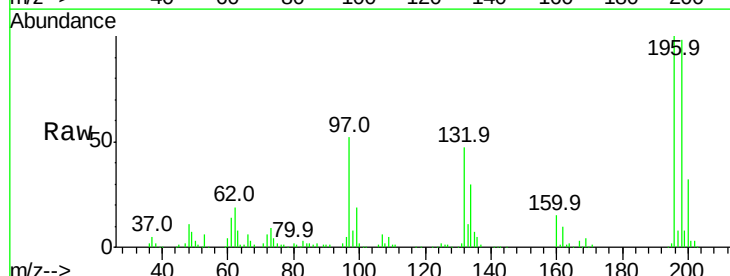
Instrument :
 BNA_F
 ClientSampled :

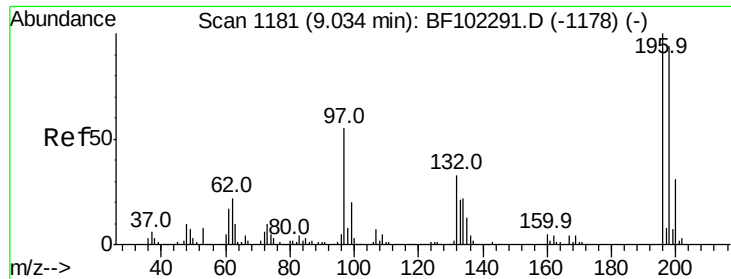
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	41.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 37.688 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.7	113.5
200	32.0	24.5	36.7

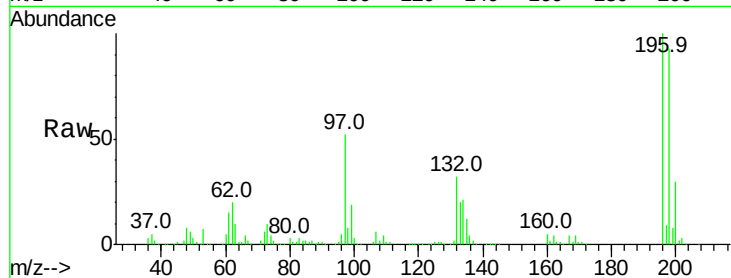




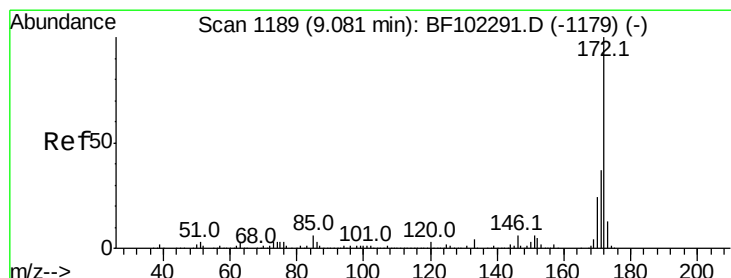
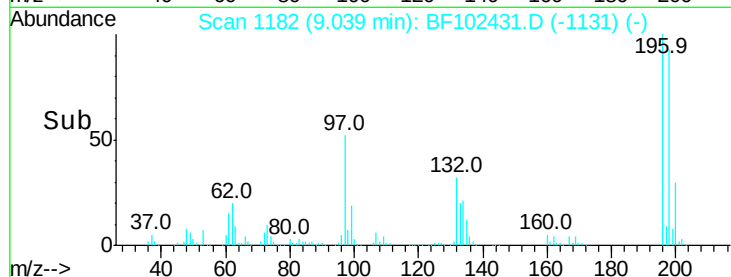
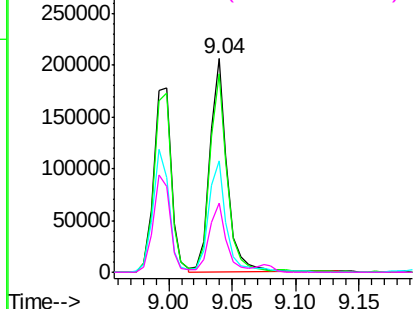
#43
 2,4,5-Trichlorophenol
 Concen: 38.739 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 197533
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.6 112.0
 97 51.9 42.9 64.3
 132 32.2 26.3 39.5

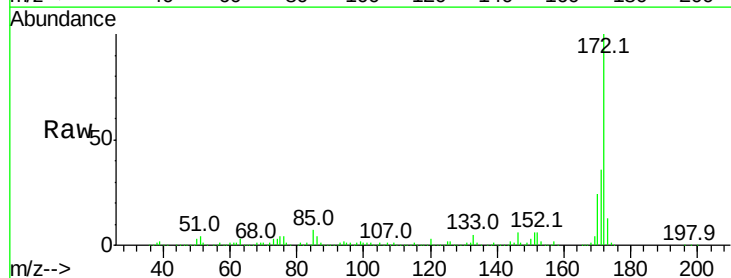


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

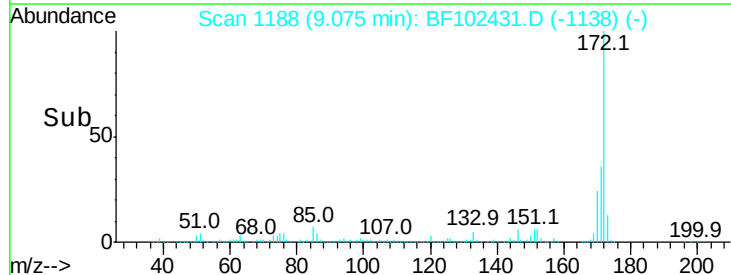
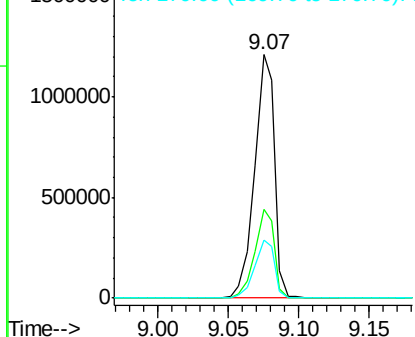


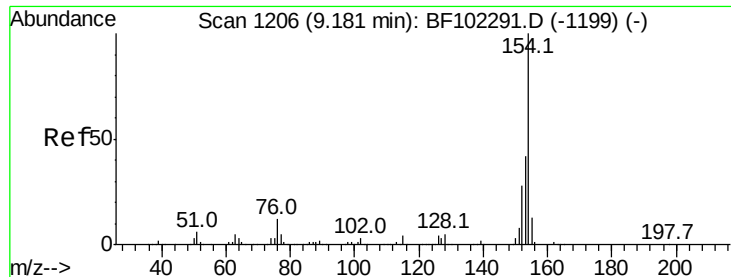
#44
 2-Fluorobiphenyl
 Concen: 78.586 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion:172 Resp: 1201789
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 38.665 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

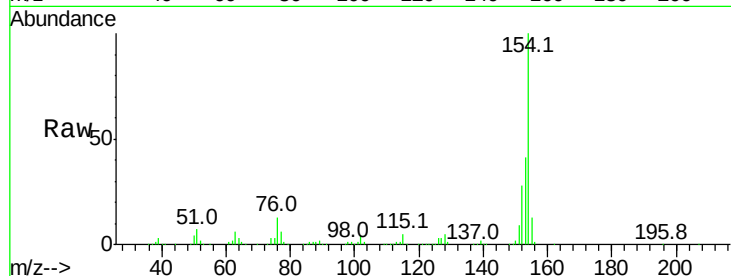
Tot Ion:154 Resp: 777386

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

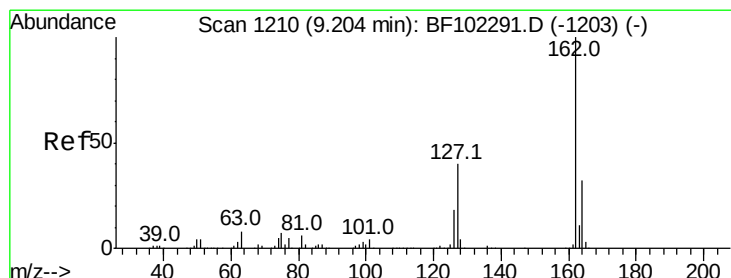
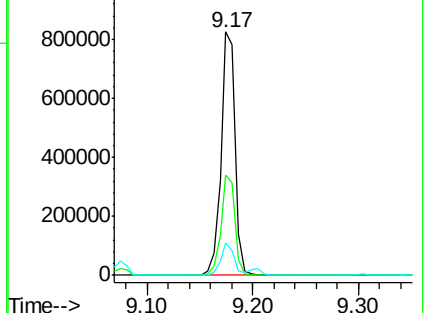
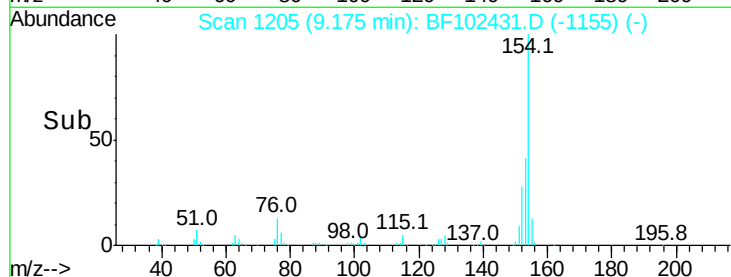
76 13.2 0.0 34.0



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: 38.906 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

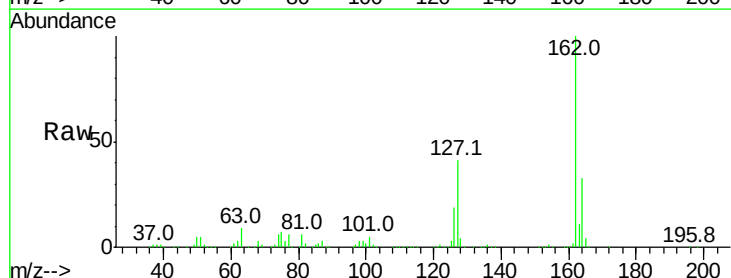
Tgt Ion:162 Resp: 608028

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

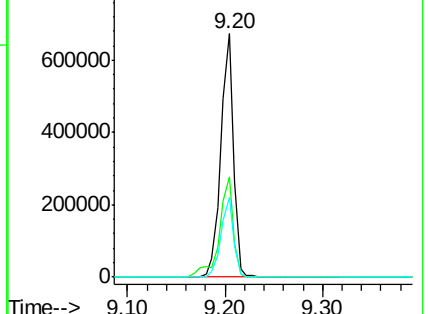
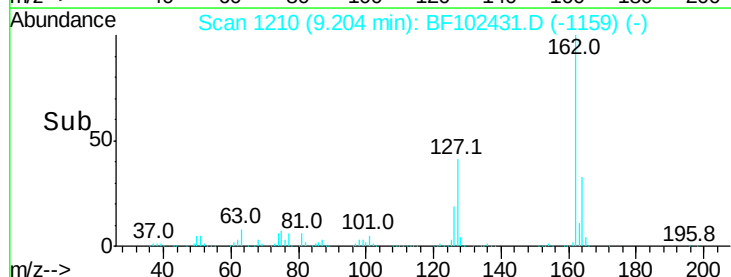
164 32.9 26.5 39.7

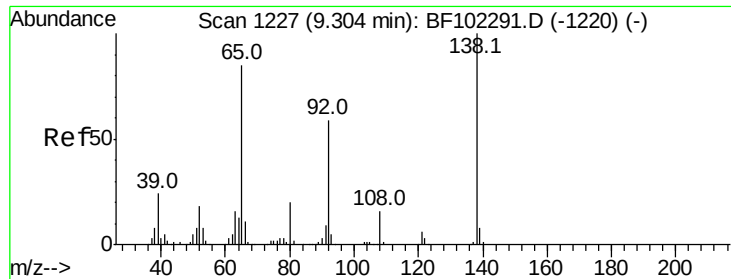


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

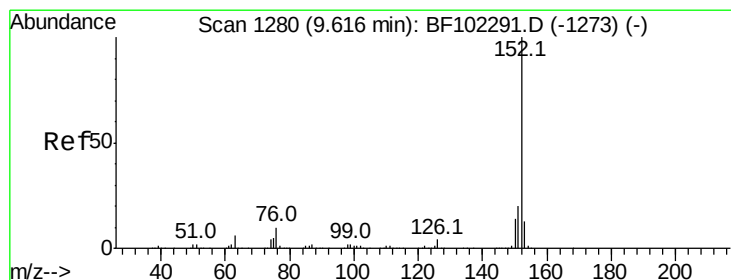
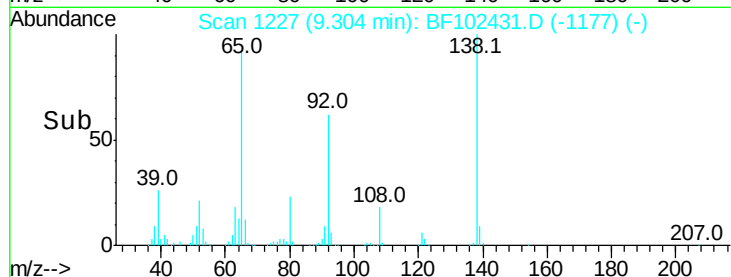
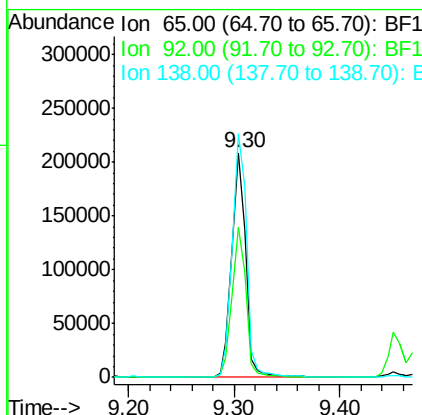
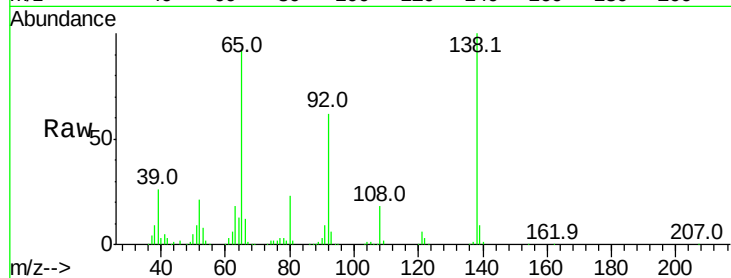




#47
2-Nitroaniline
Concen: 39.307 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

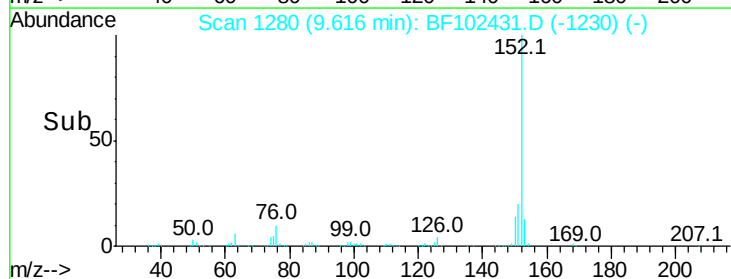
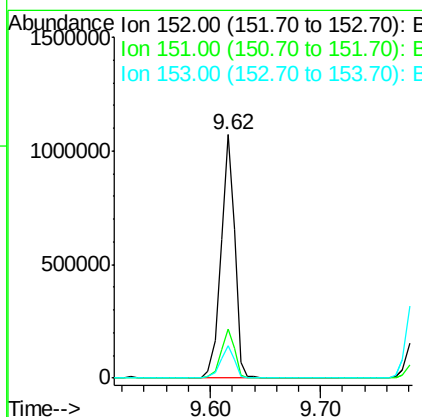
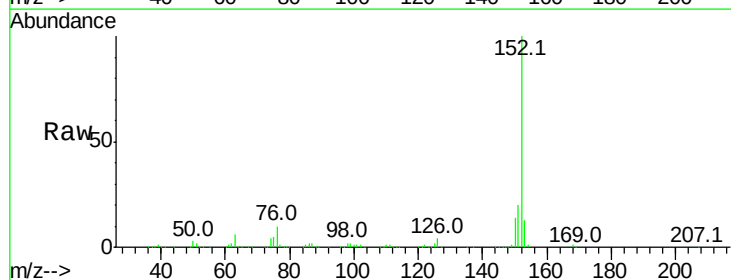
Instrument :
BNA_F
ClientSampled :

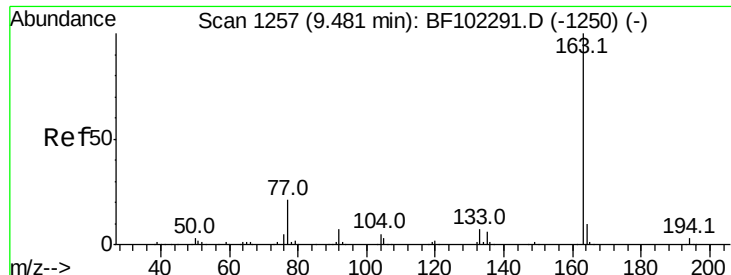
Tot Ion: 65 Resp: 191515
Ion Ratio Lower Upper
65 100
92 66.8 55.8 83.6
138 108.4 91.2 136.8



#48
Acenaphthylene
Concen: 38.205 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion: 152 Resp: 930186
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.1 10.7 16.1

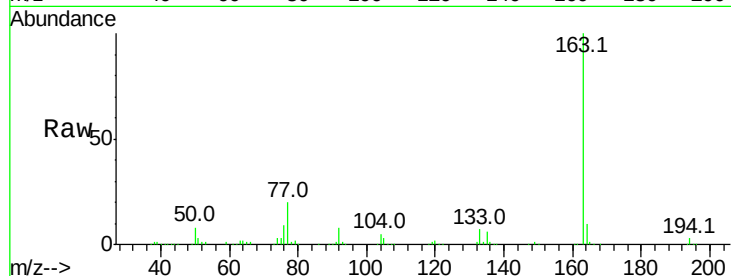




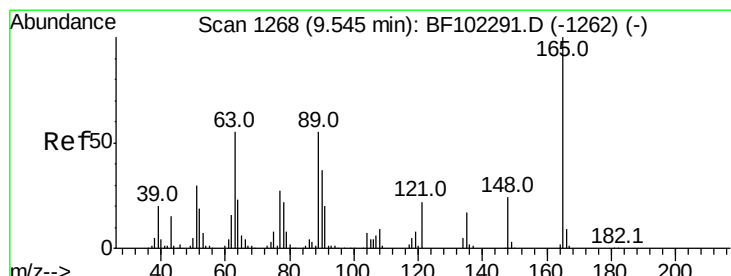
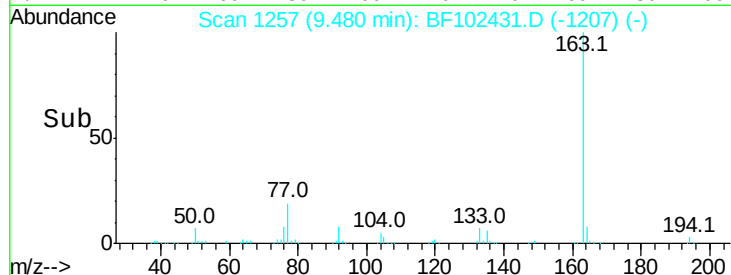
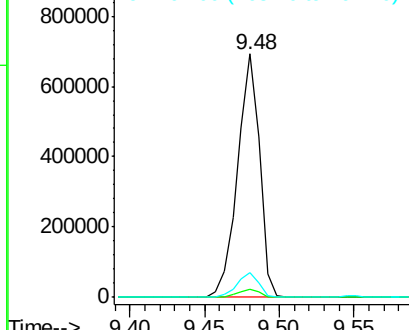
#49
 Dimethylphthalate
 Concen: 38.483 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2

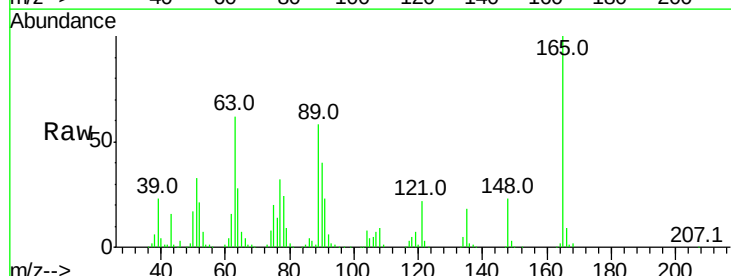


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

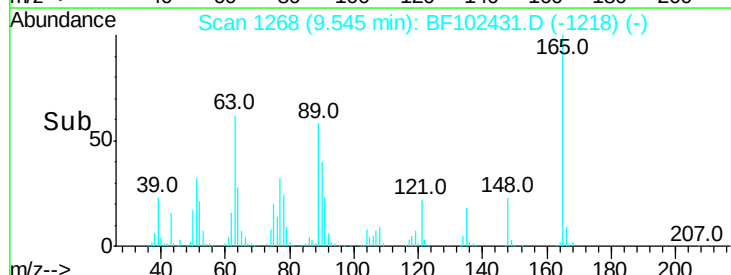
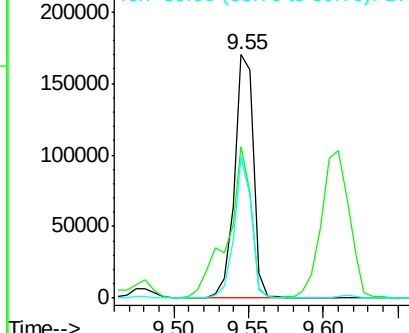


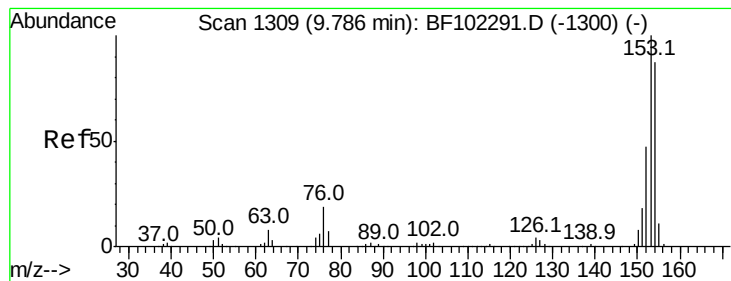
#50
 2,6-Dinitrotoluene
 Concen: 38.101 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.3	44.7	67.1
89	57.8	44.0	66.0



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





#51

Acenaphthene

Concen: 38.089 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

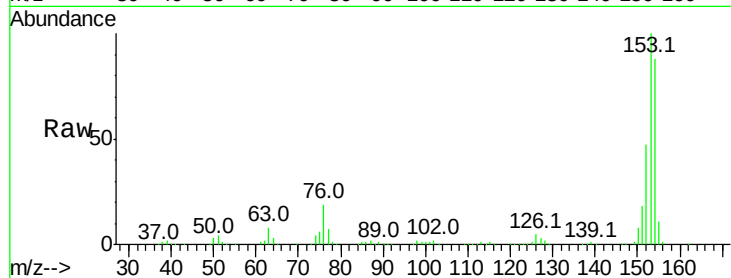
Tot Ion:154 Resp: 541612

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

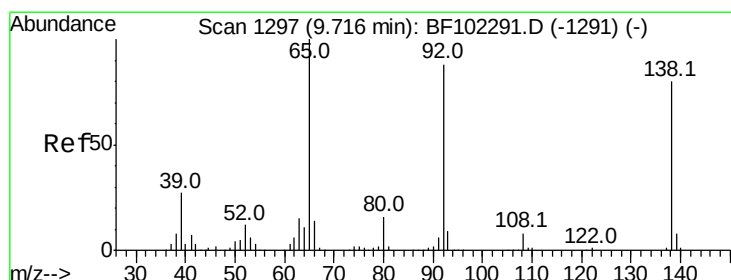
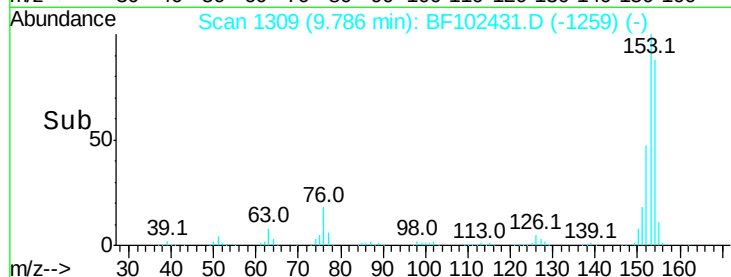
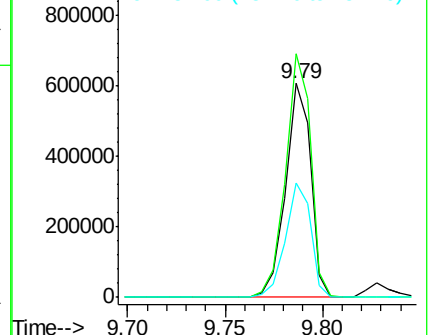
152 53.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.191 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

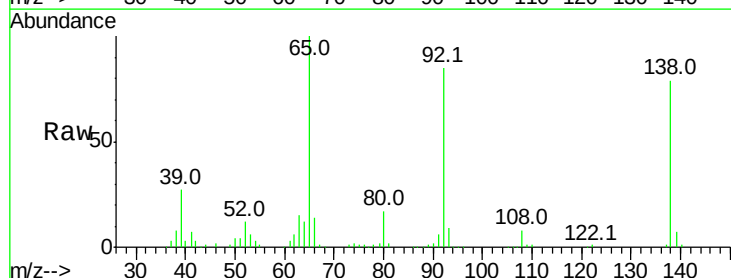
Tgt Ion:138 Resp: 181038

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

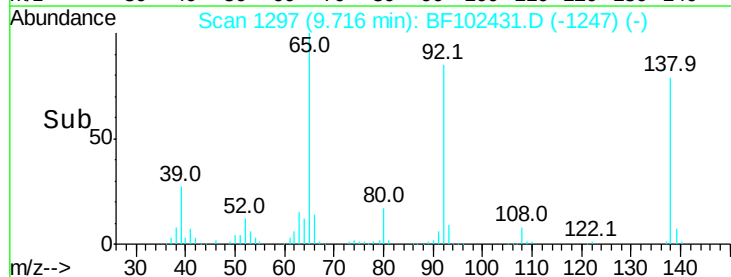
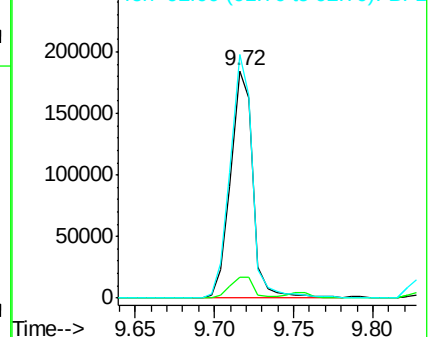
92 107.3 89.4 134.2

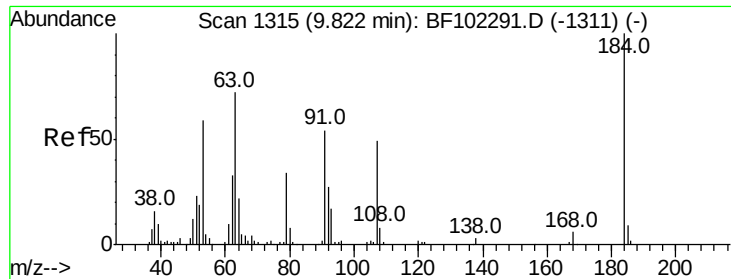


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

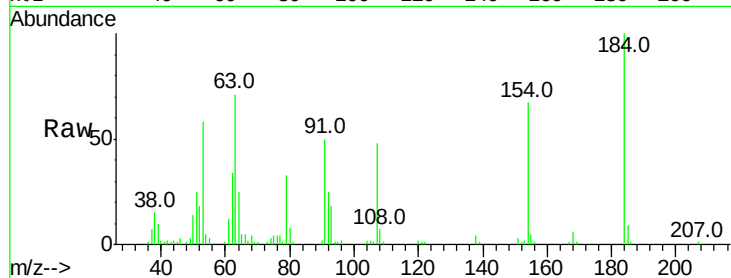




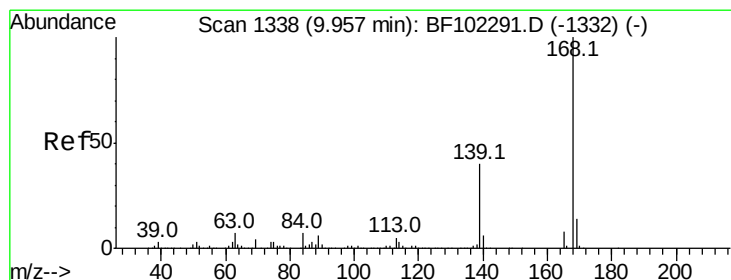
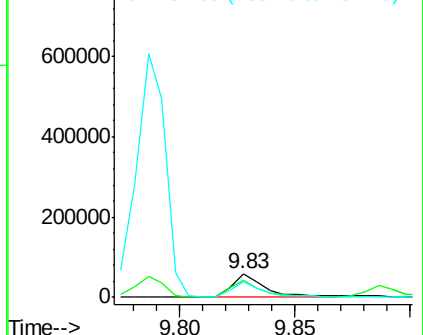
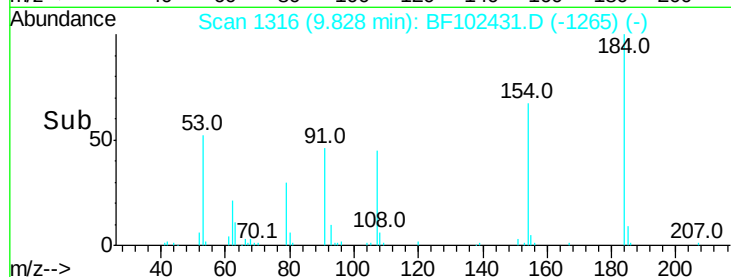
#53
2,4-Dinitrophenol
Concen: 33.992 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 57108
Ion Ratio Lower Upper
184 100
63 70.9 54.2 81.2
154 67.3 184.0 276.0#

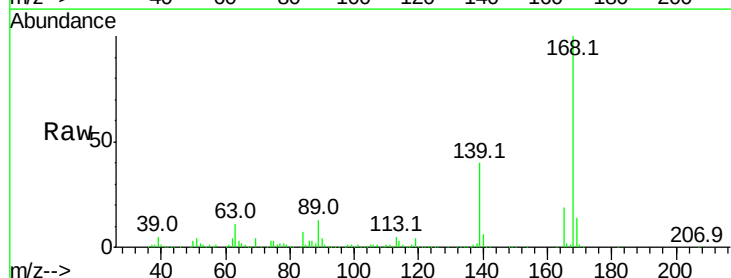


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

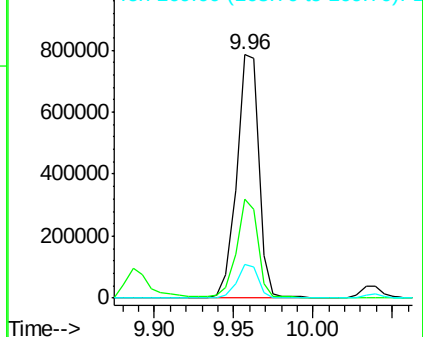
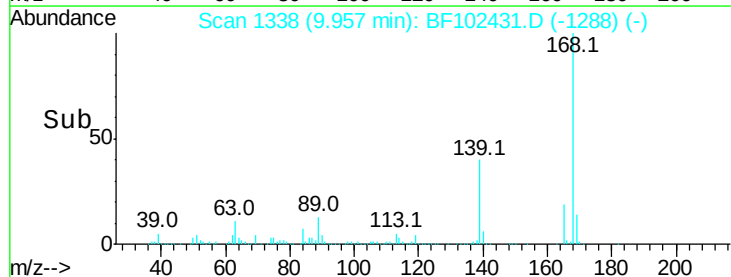


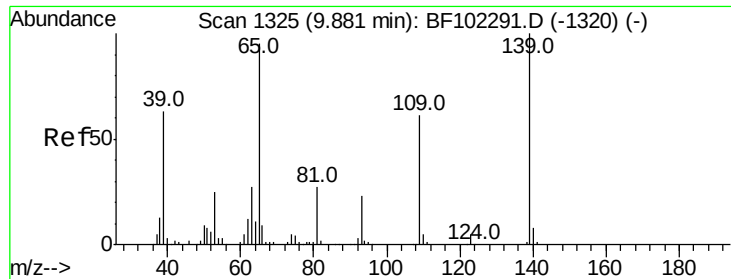
#54
Dibenzofuran
Concen: 39.754 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion:168 Resp: 765043
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 34.287 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

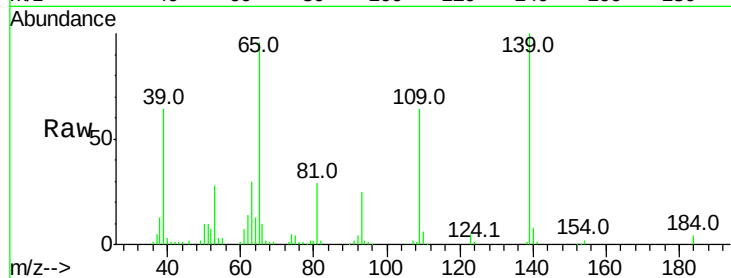
Tot Ion:139 Resp: 107287

Ion Ratio Lower Upper

139 100

109 63.9 48.4 88.4

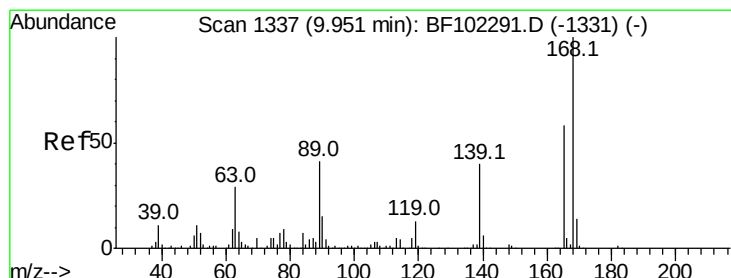
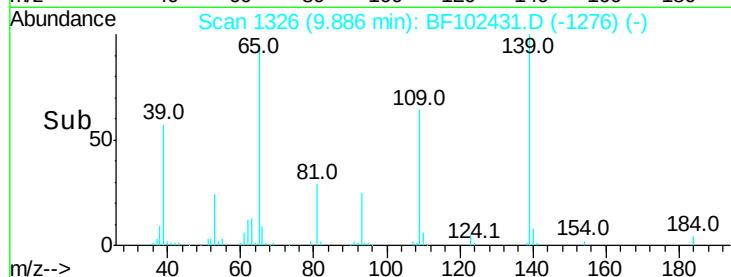
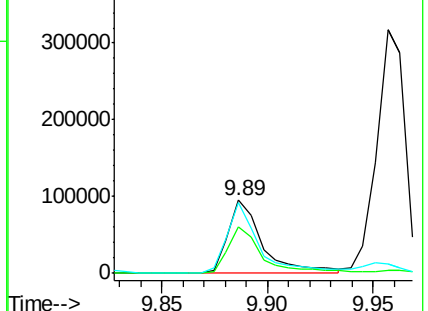
65 96.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 38.318 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Tgt Ion:165 Resp: 188820

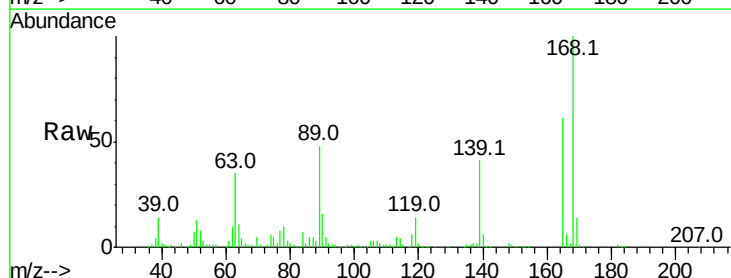
Ion Ratio Lower Upper

165 100

63 57.8 36.4 54.6#

89 78.8 57.8 86.6

182 2.4 1.6 2.4

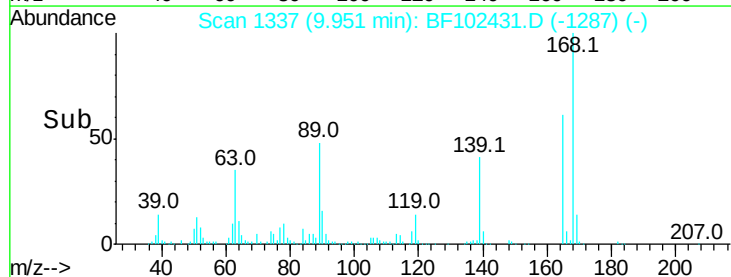
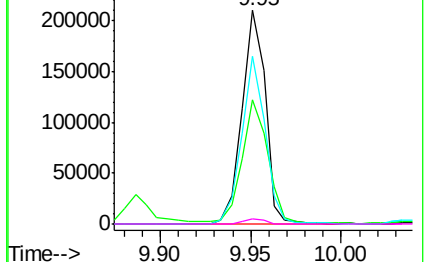


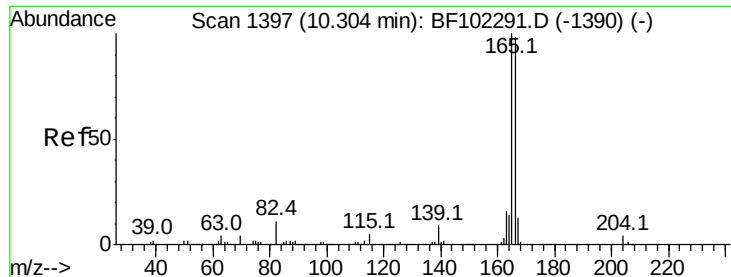
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

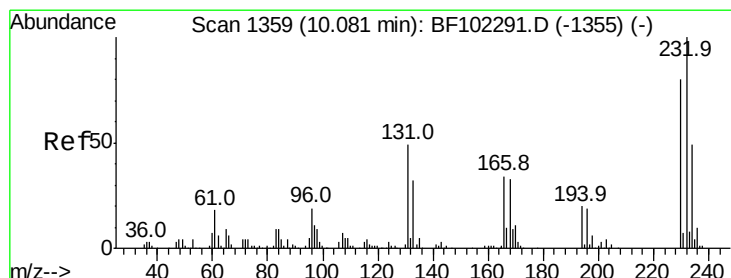
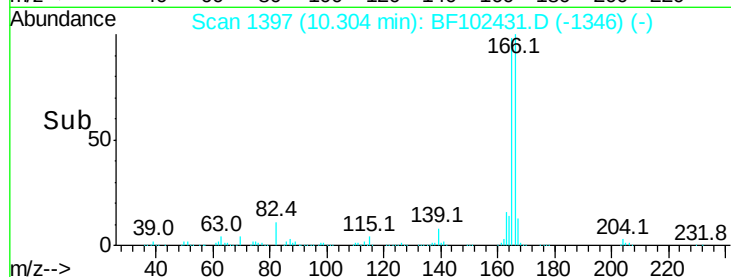
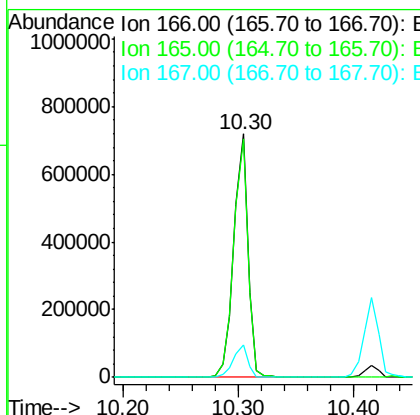
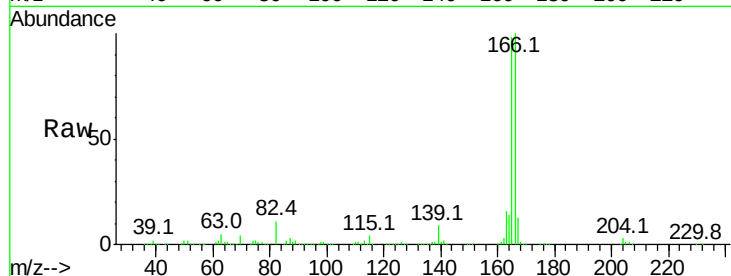




#57
 Fluorene
 Concen: 40.419 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

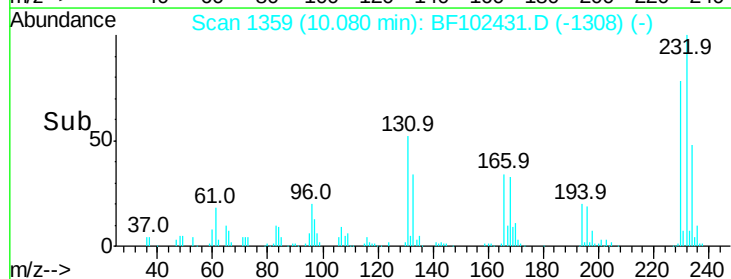
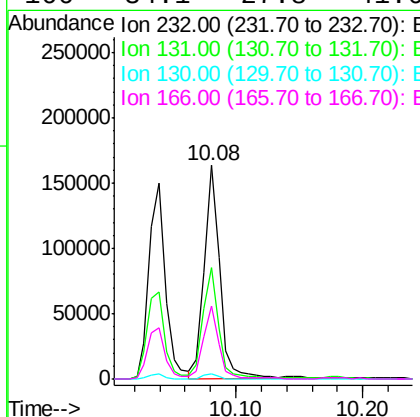
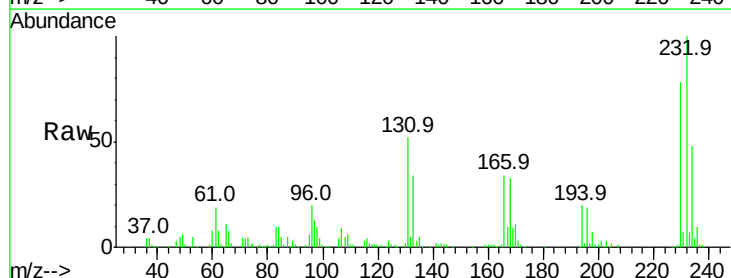
Instrument :
 BNA_F
 ClientSampleId :

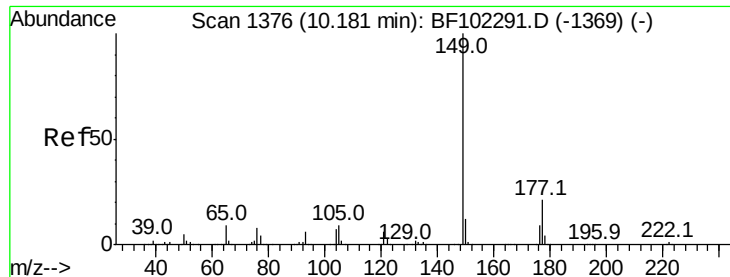
Tot Ion:166 Resp: 616362
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.867 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion:232 Resp: 141503
 Ion Ratio Lower Upper
 232 100
 131 51.6 43.8 65.8
 130 2.3 2.1 3.1
 166 34.1 27.8 41.6

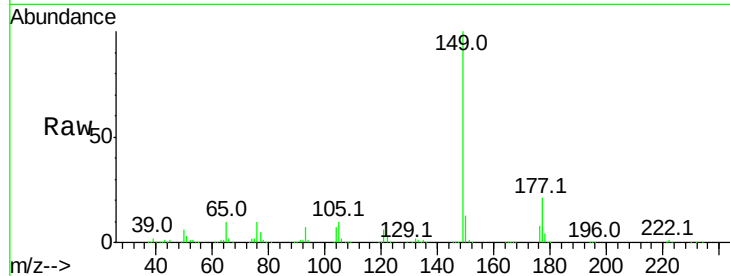




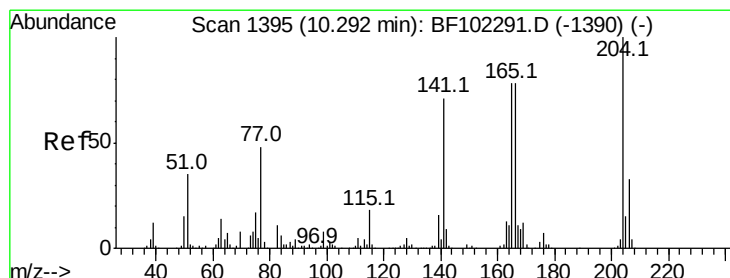
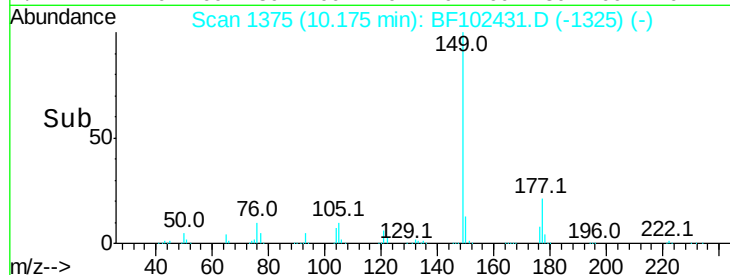
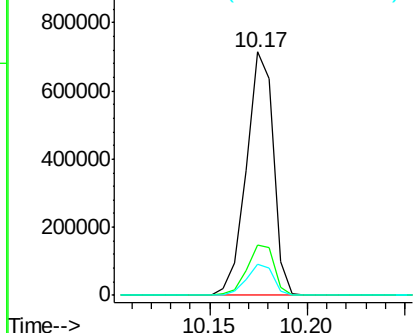
#59
Diethylphthalate
Concen: 37.924 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.5	10.1	15.1

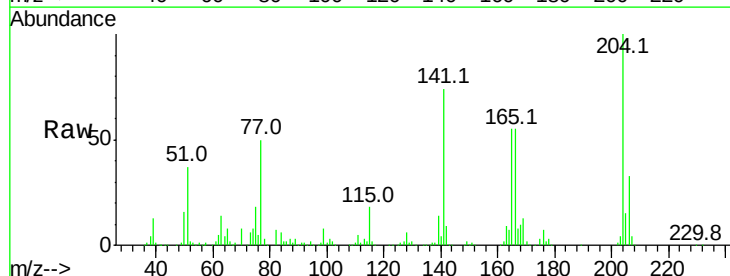


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

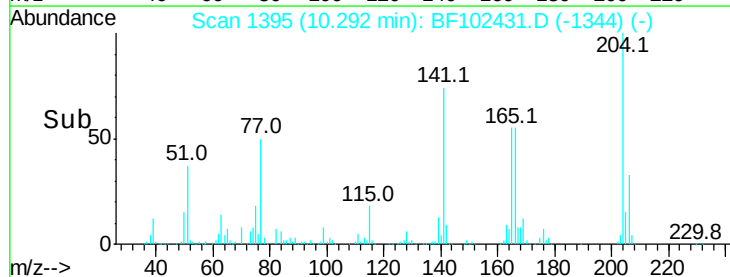
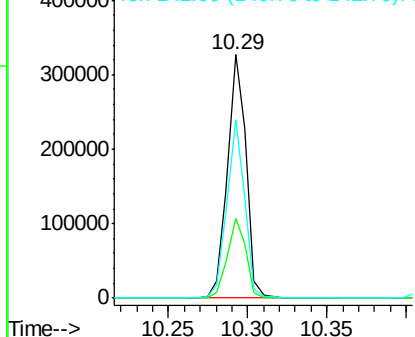


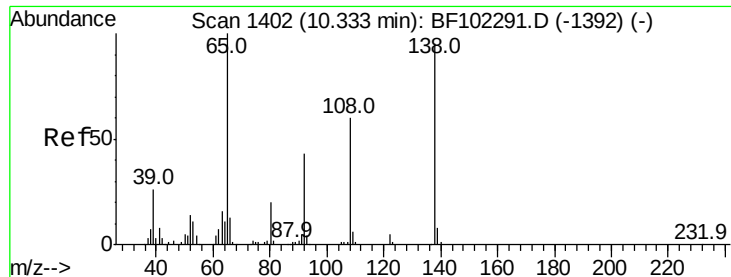
#60
4-Chlorophenyl-phenylether
Concen: 40.081 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	73.5	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

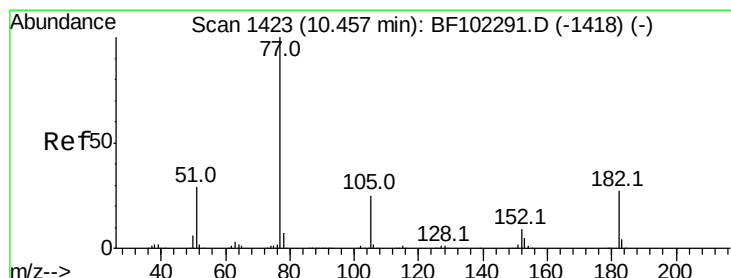
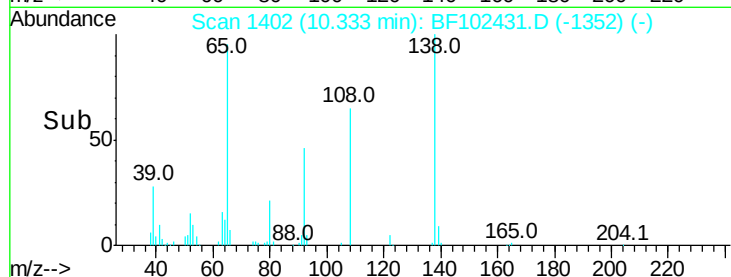
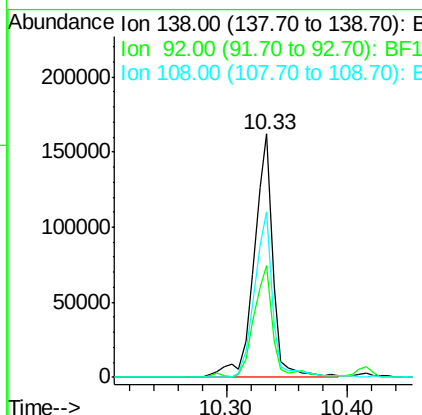
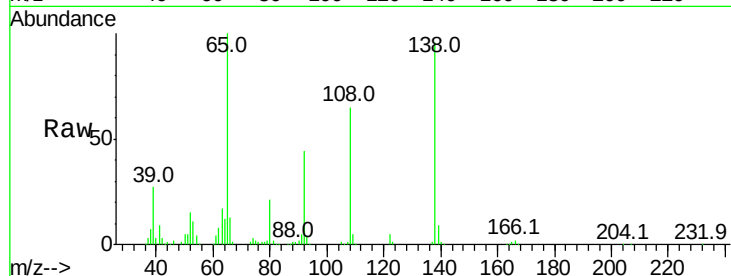




#61
4-Nitroaniline
Concen: 37.605 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

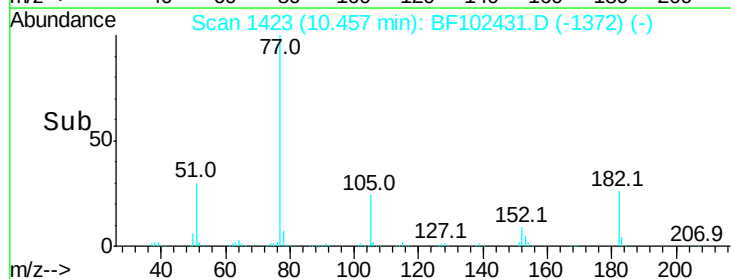
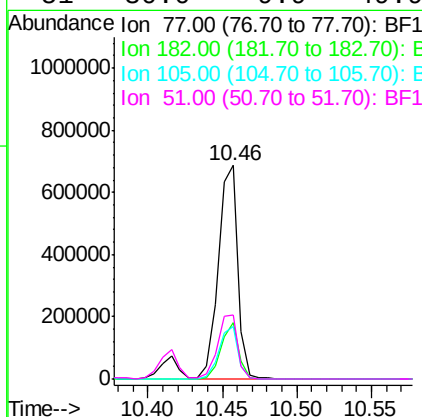
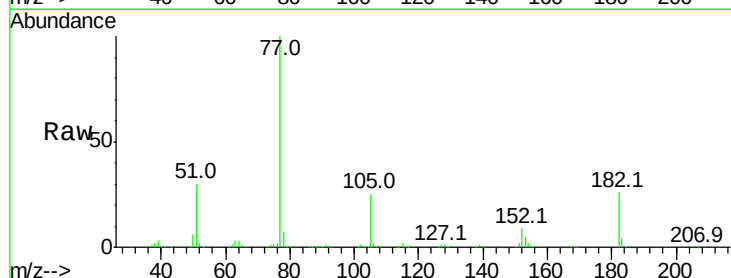
Instrument :
BNA_F
ClientSampleId :

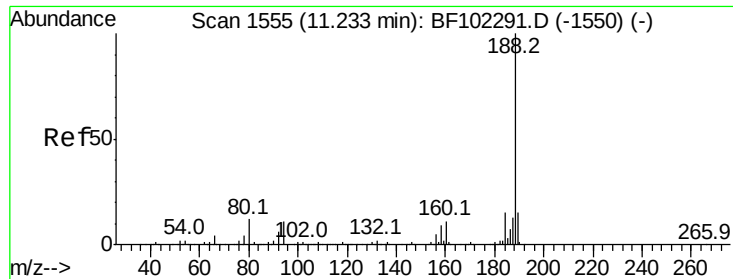
Tot Ion:138 Resp: 177878
Ion Ratio Lower Upper
138 100
92 46.1 30.2 70.2
108 68.0 52.5 92.5



#62
Azobenzene
Concen: 37.908 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion: 77 Resp: 626832
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 24.7 3.0 43.0
51 30.0 9.9 49.9

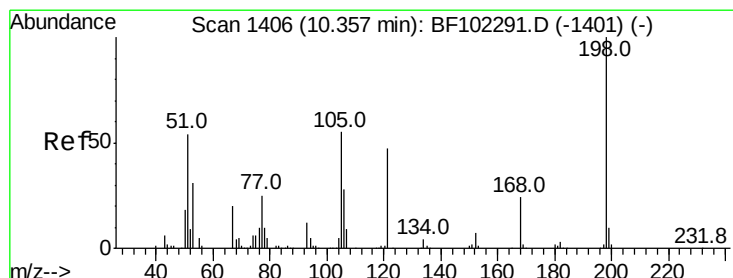
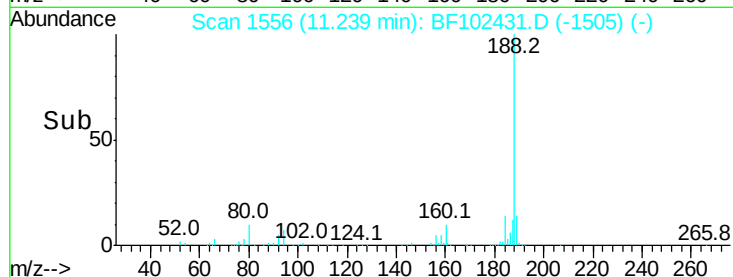
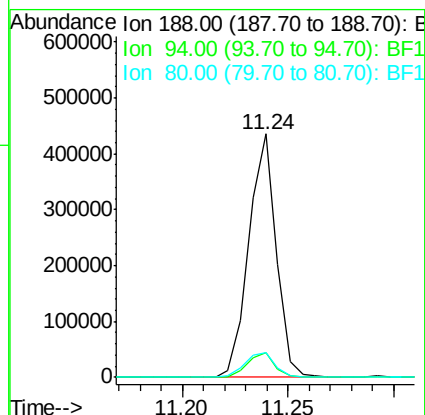
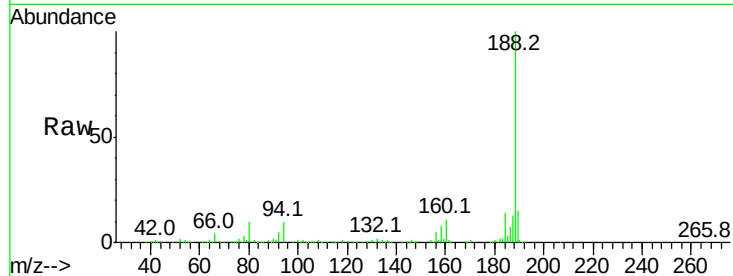




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

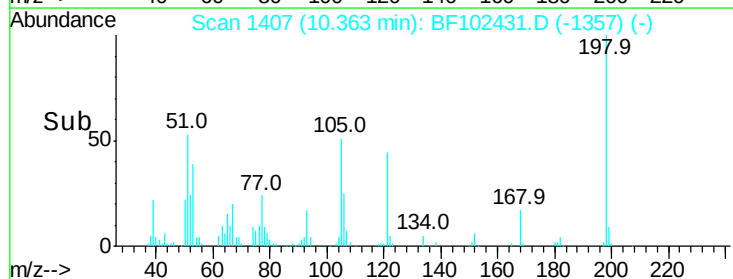
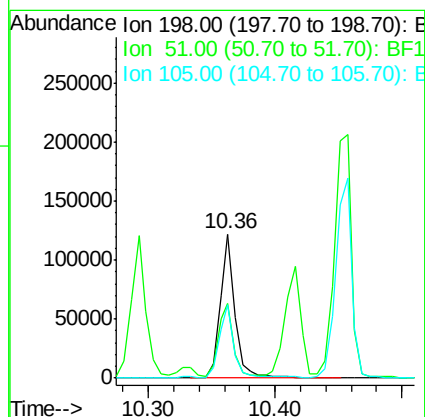
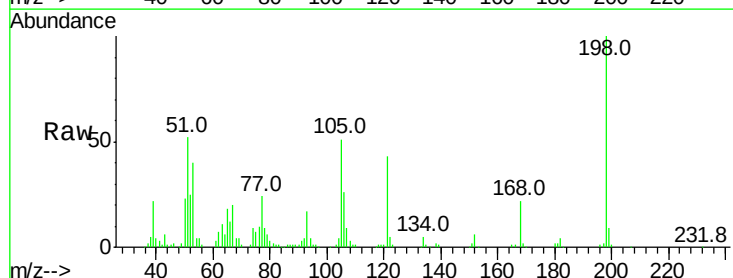
Instrument :
BNA_F
ClientSampled :

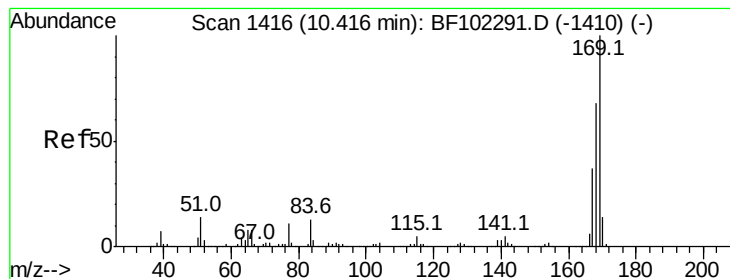
Tot Ion:188 Resp: 392751
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.308 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion:198 Resp: 100378
Ion Ratio Lower Upper
198 100
51 52.3 37.7 77.7
105 50.9 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.423 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

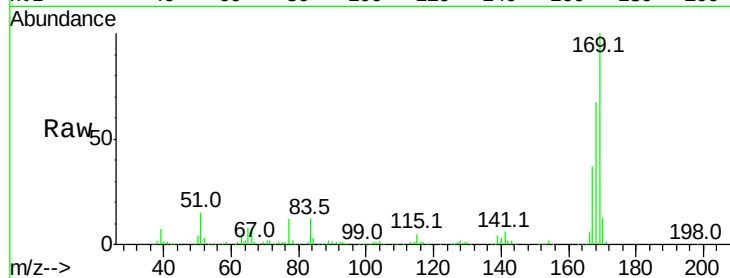
Tot Ion:169 Resp: 553892

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

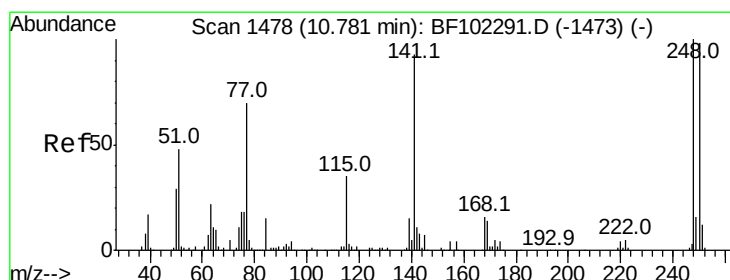
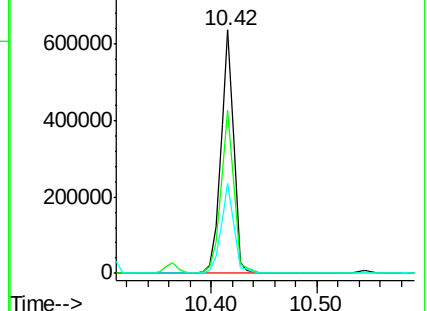
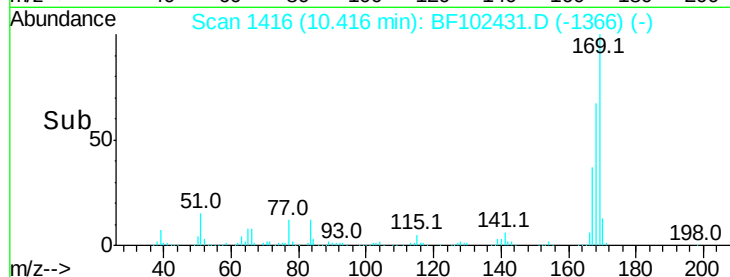
167 36.9 29.8 44.6



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: 38.600 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

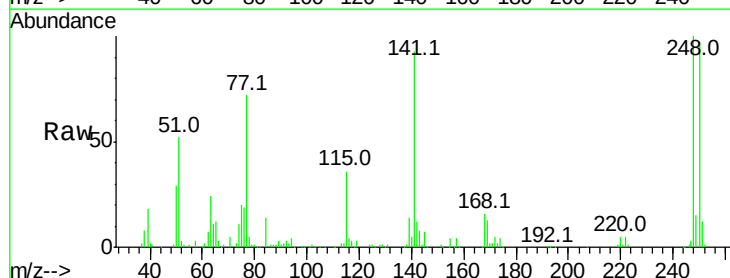
Tgt Ion:248 Resp: 163198

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

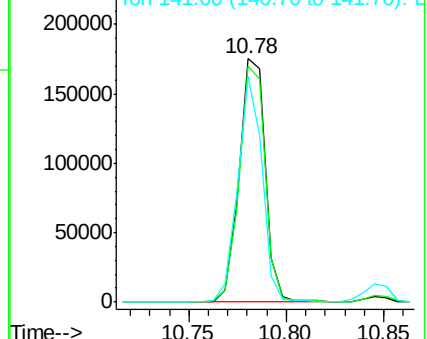
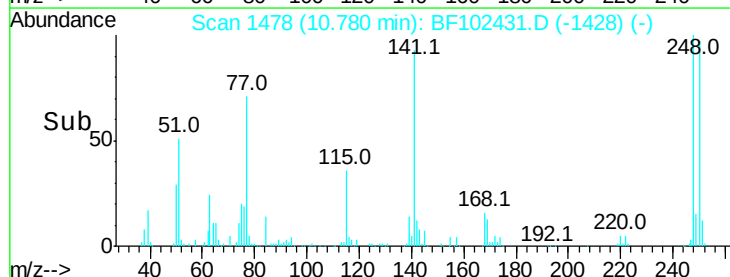
141 93.0 74.4 111.6

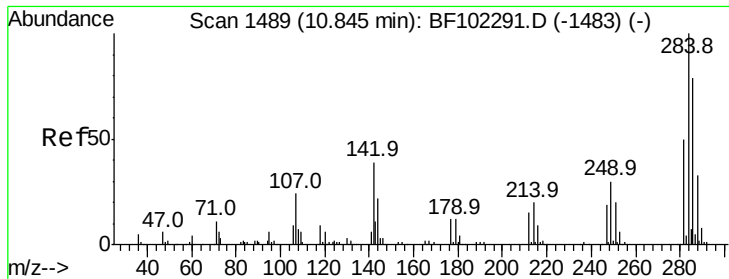


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.812 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampled :

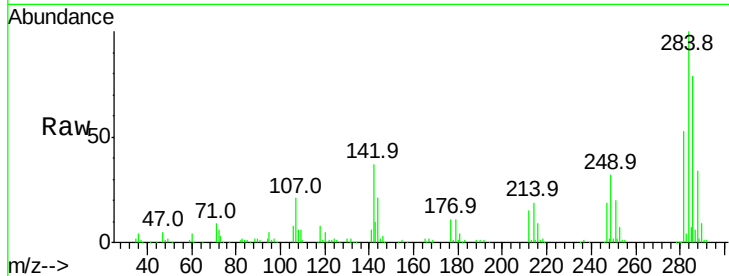
Tot Ion:284 Resp: 169336

Ion Ratio Lower Upper

284 100

142 36.6 34.6 52.0

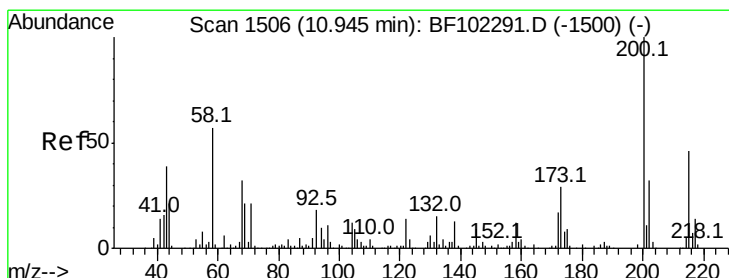
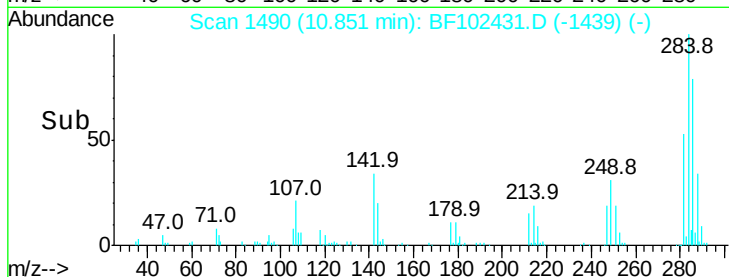
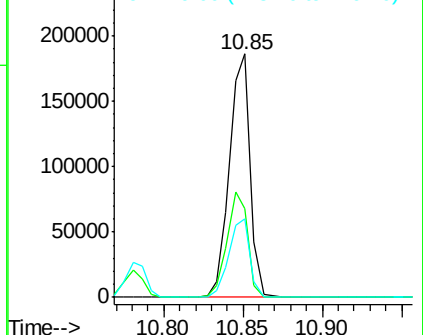
249 32.4 24.8 37.2



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: 38.259 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

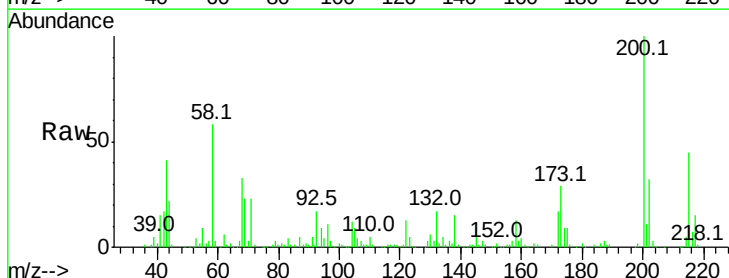
Tgt Ion:200 Resp: 162890

Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

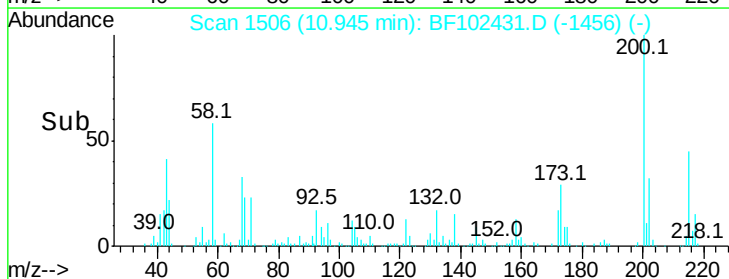
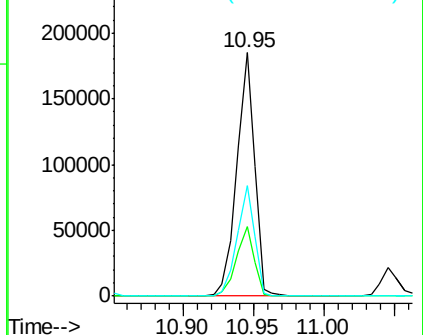
215 45.2 25.1 65.1

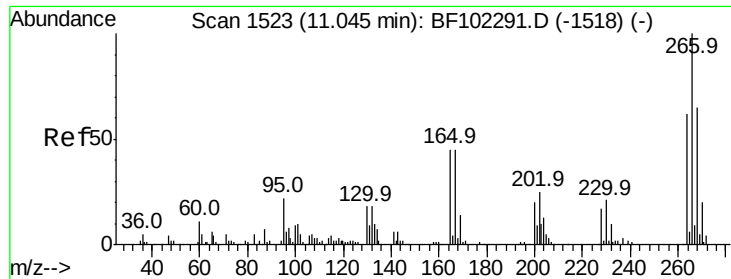


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

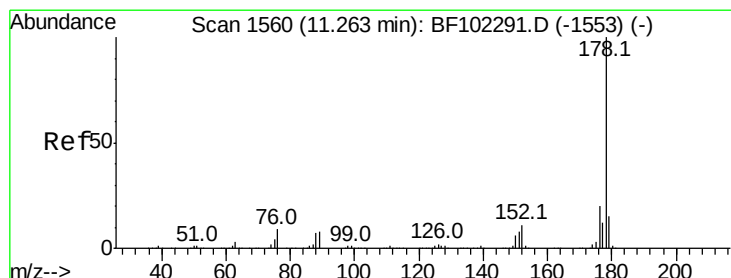
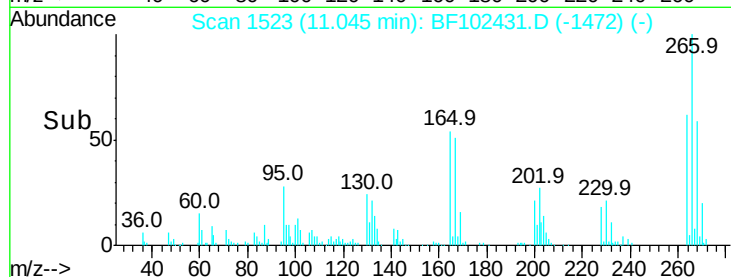
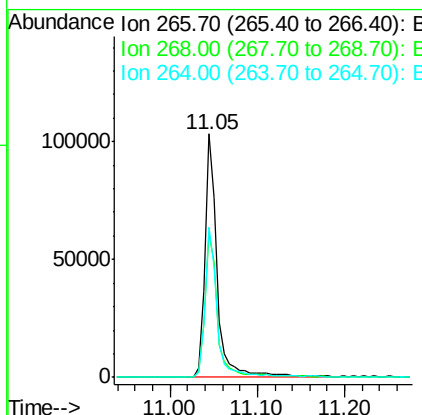
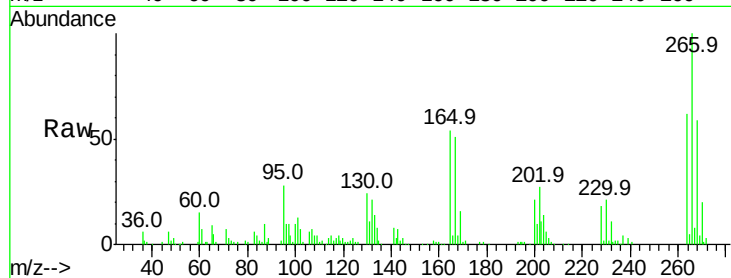




#69
 Pentachlorophenol
 Concen: 40.977 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

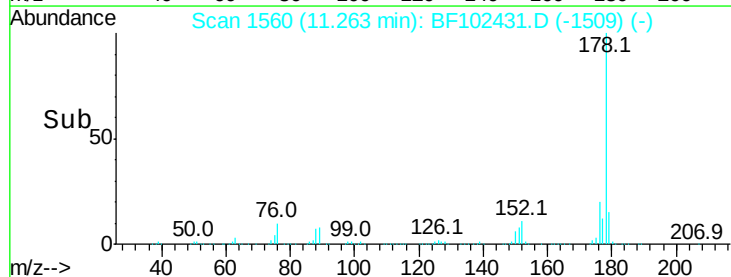
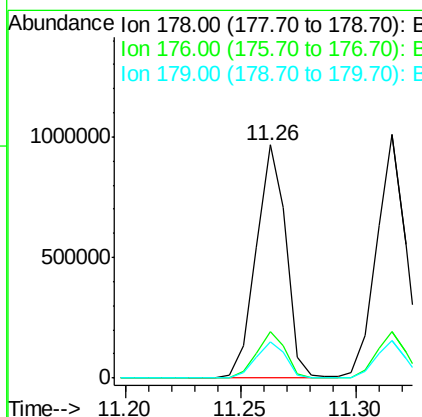
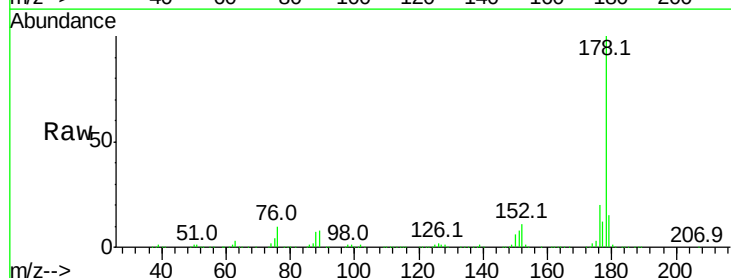
Instrument :
 BNA_F
 ClientSampleId :

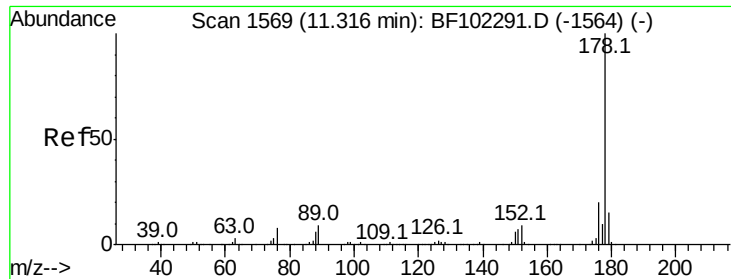
Tot Ion:266 Resp: 101784
 Ion Ratio Lower Upper
 266 100
 268 58.9 51.1 76.7
 264 61.9 49.5 74.3



#70
 Phenanthrene
 Concen: 38.264 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion:178 Resp: 875721
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.3 13.0 19.6

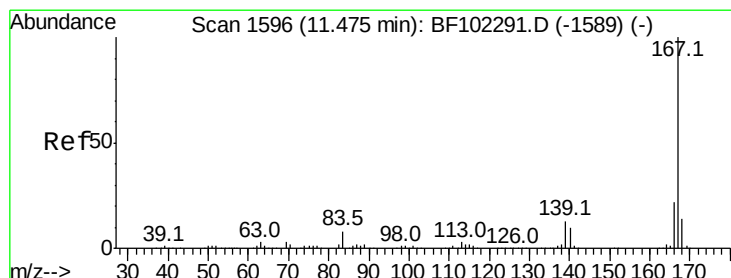
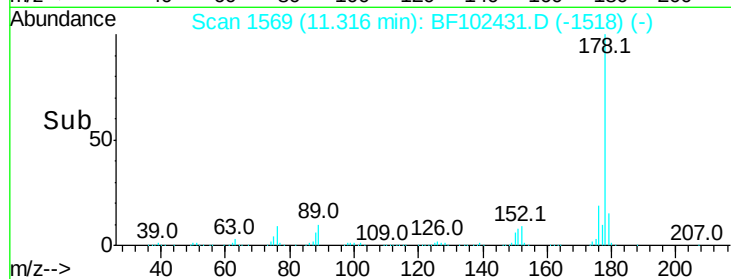
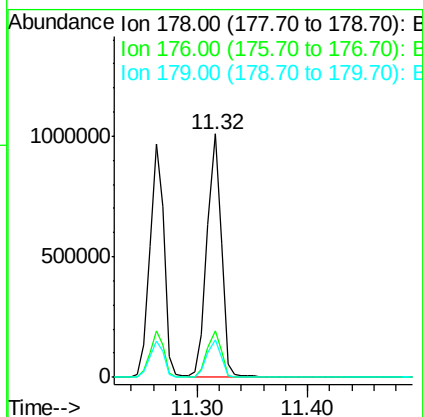
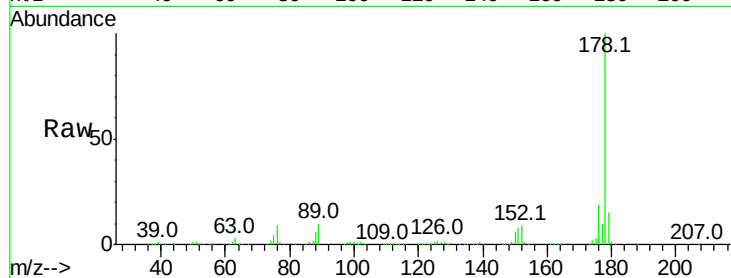




#71
 Anthracene
 Concen: 37.739 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

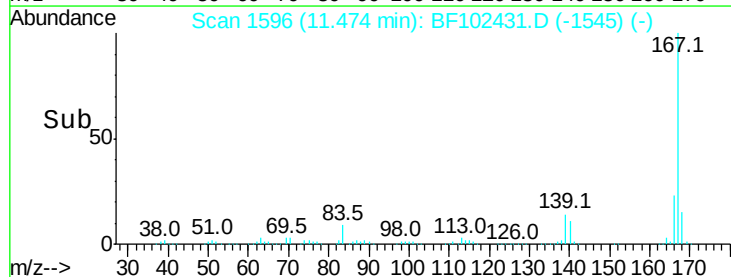
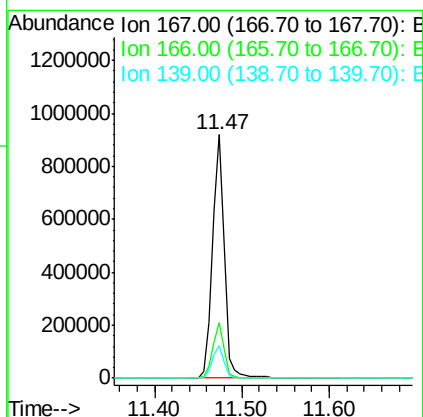
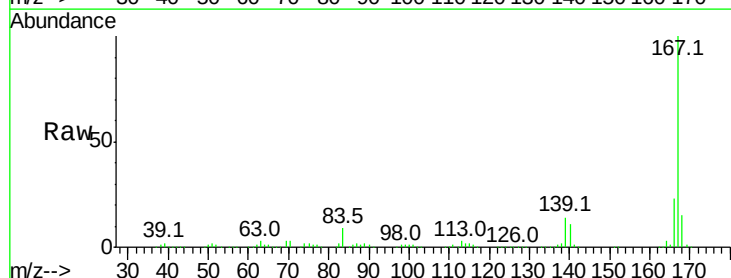
Instrument :
 BNA_F
 ClientSampled :

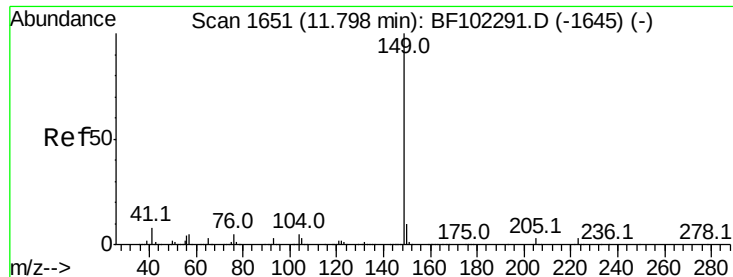
Tot Ion:178 Resp: 881572
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 38.178 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion:167 Resp: 870060
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.790 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

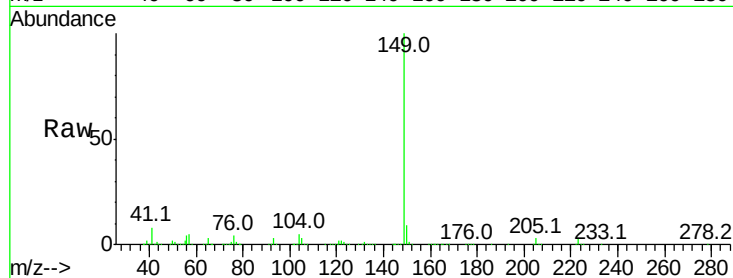
Tot Ion:149 Resp: 1076511

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

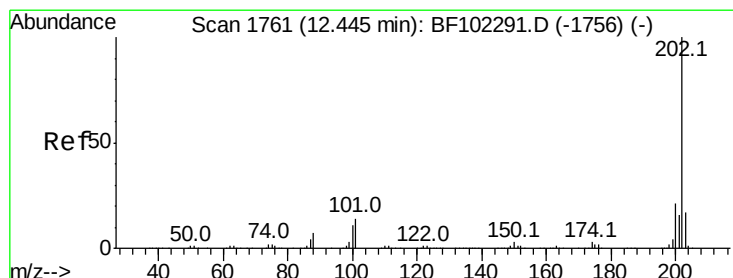
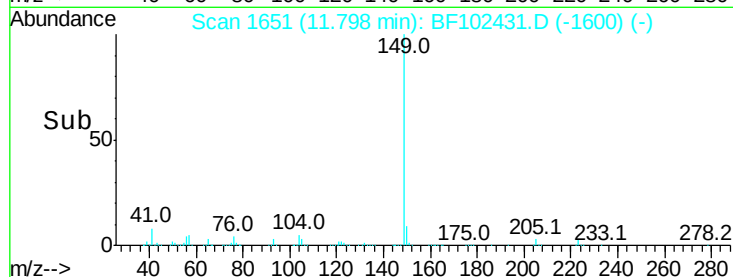
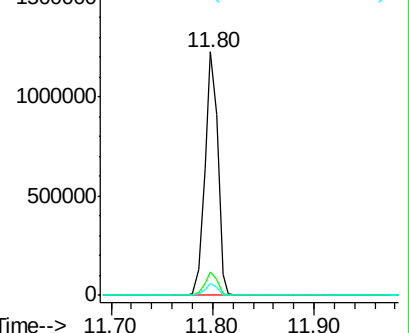
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.519 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

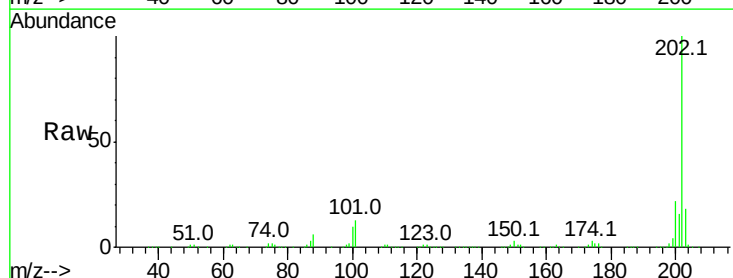
Tgt Ion:202 Resp: 875639

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

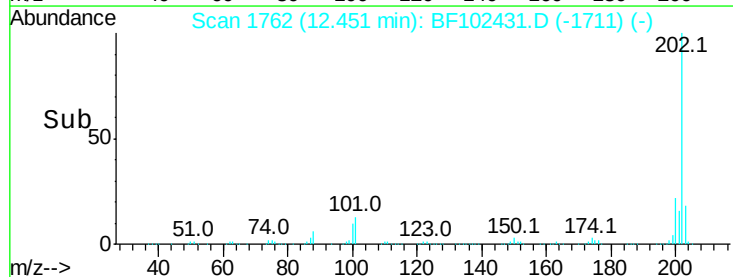
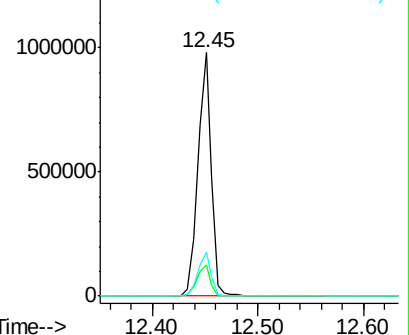
203 17.9 0.0 38.1

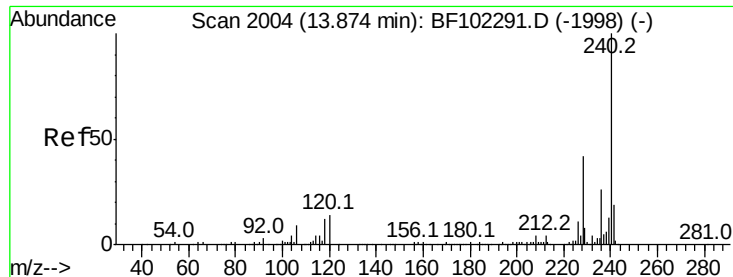


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

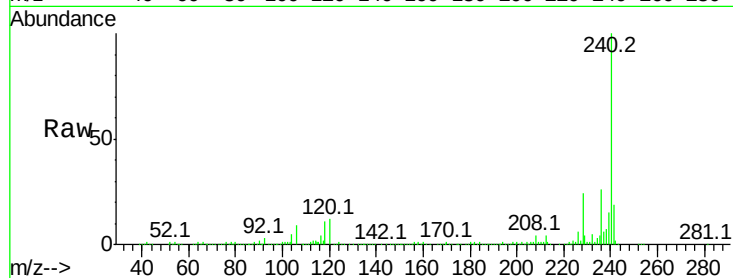
Tot Ion:240 Resp: 298303

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

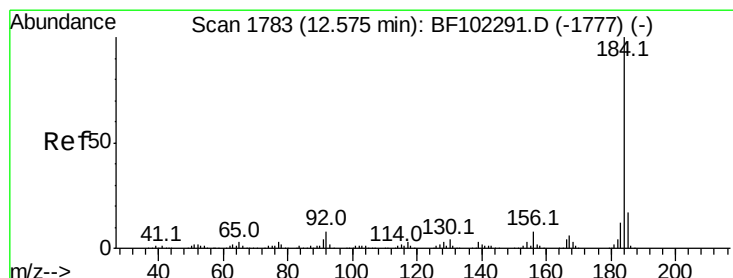
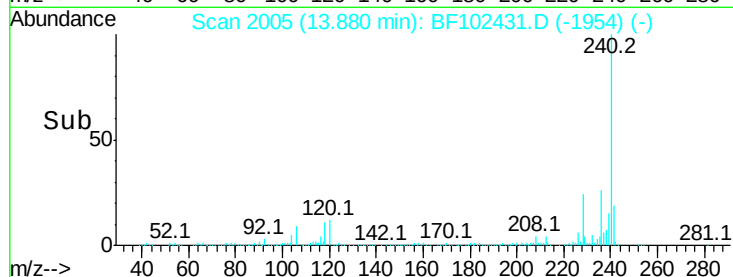
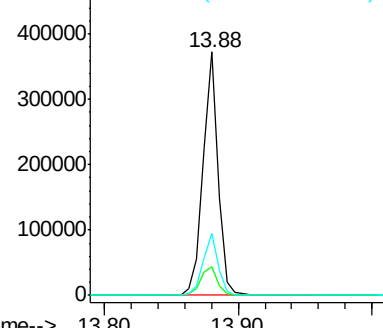
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.545 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

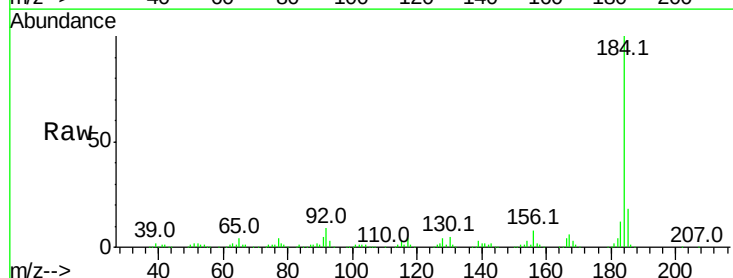
Tgt Ion:184 Resp: 376243

Ion Ratio Lower Upper

184 100

185 18.2 12.6 18.8

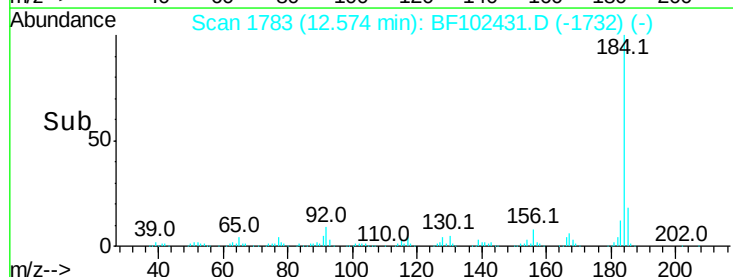
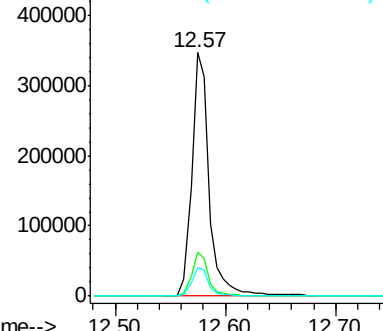
183 11.6 9.3 13.9

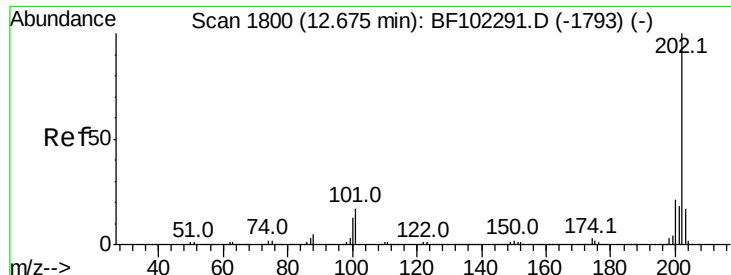


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

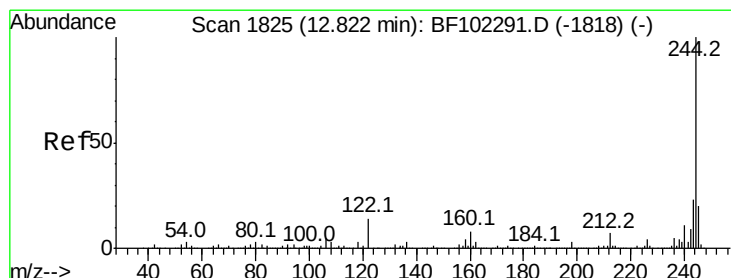
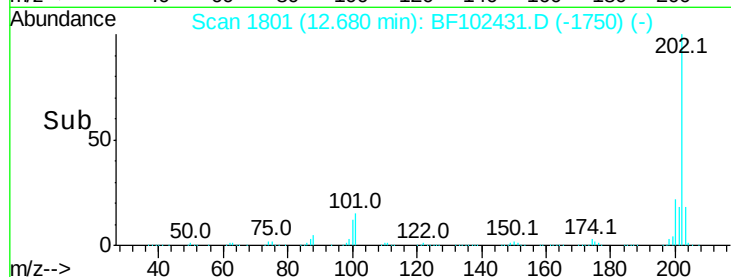
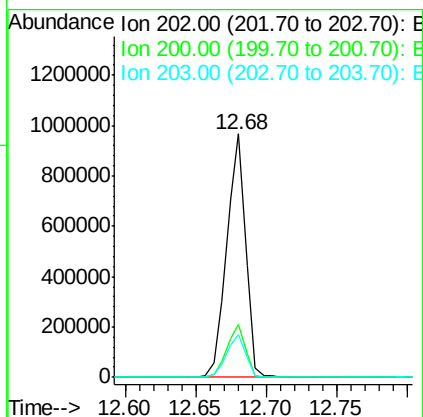
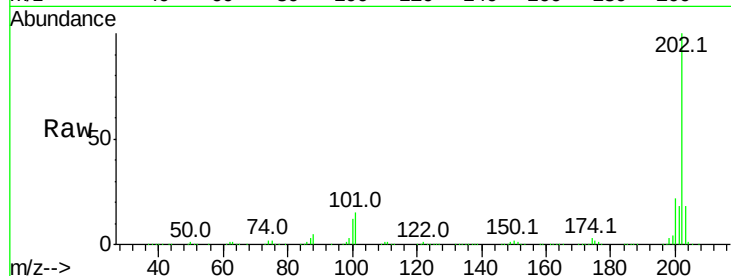




#77
 Pvrene
 Concen: 38.948 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

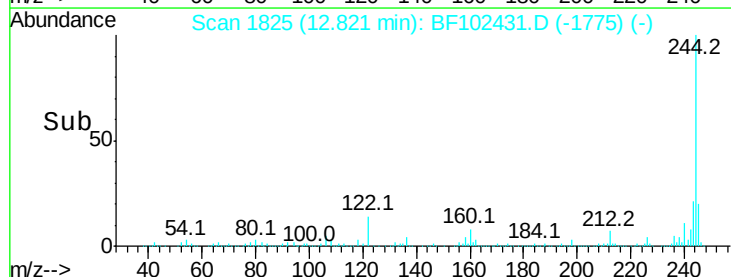
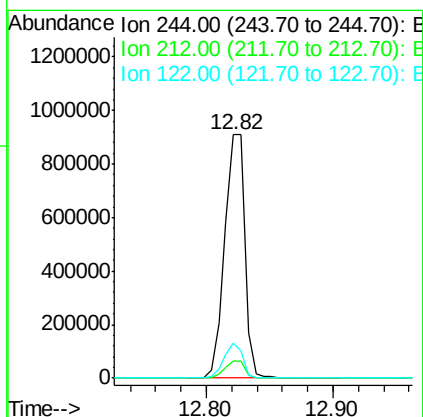
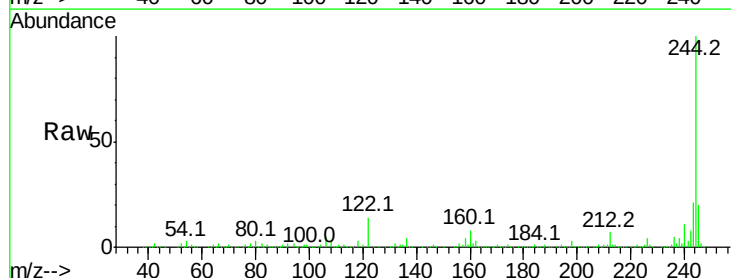
Instrument :
 BNA_F
 ClientSampleId :

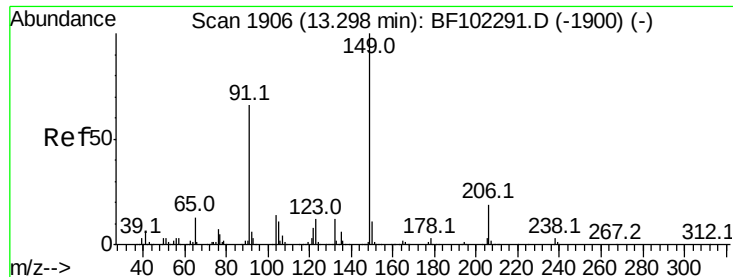
Tot Ion:202 Resp: 898286
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.7 14.3 21.5



#78
 Terphenyl-d14
 Concen: 75.985 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion:244 Resp: 1005457
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.3 11.0 16.4





#79

Butylbenzylphthalate

Concen: 39.193 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

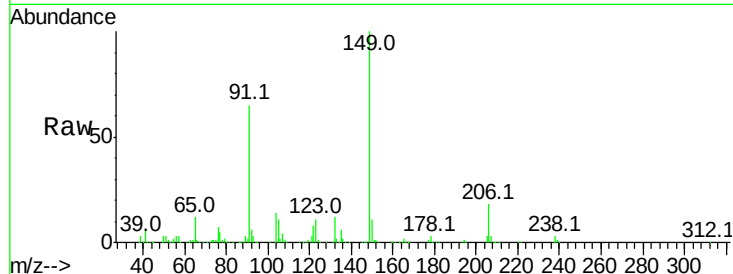
Tot Ion:149 Resp: 449847

Ion Ratio Lower Upper

149 100

91 64.8 56.8 85.2

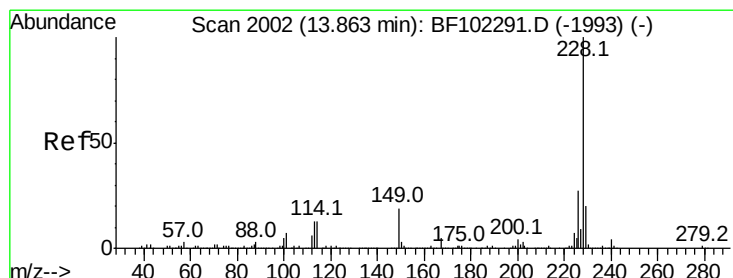
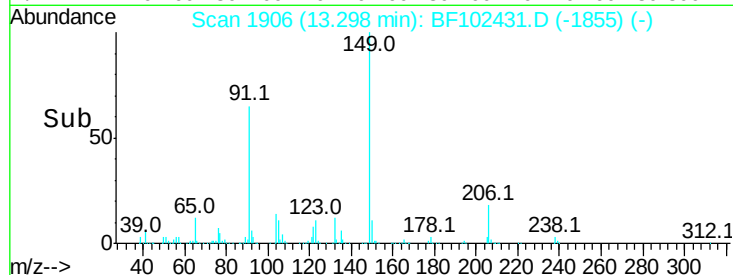
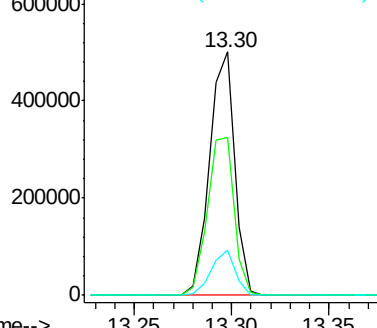
206 18.5 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.457 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

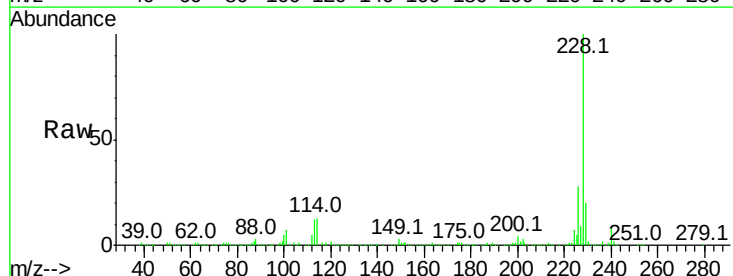
Tgt Ion:228 Resp: 724658

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

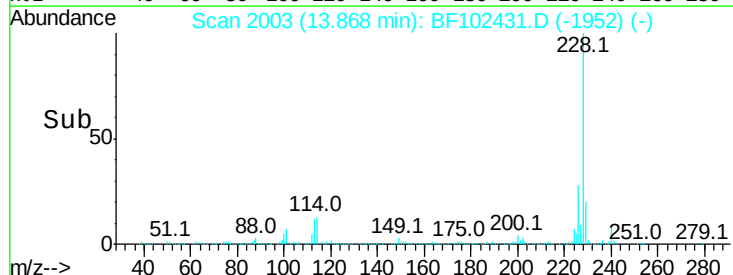
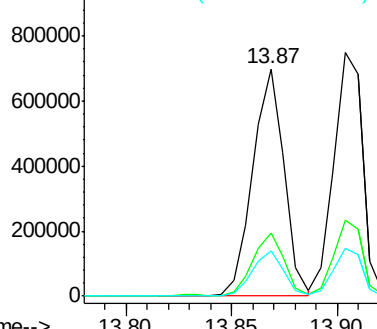
229 20.0 15.8 23.6

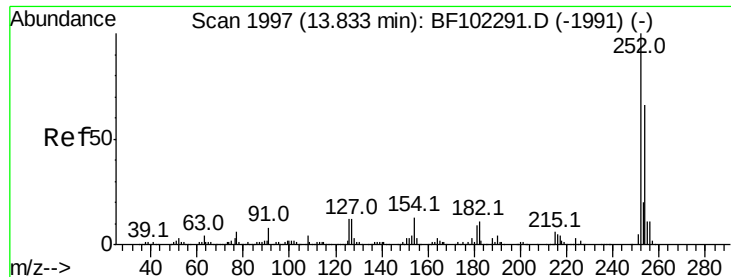


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

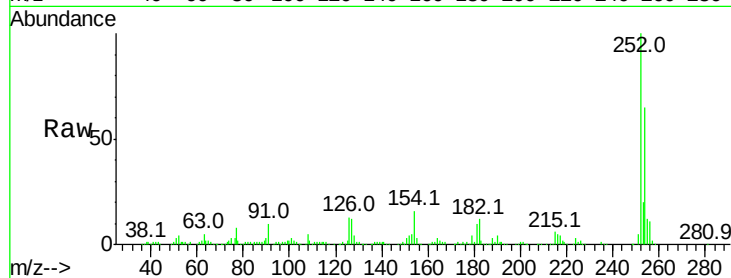




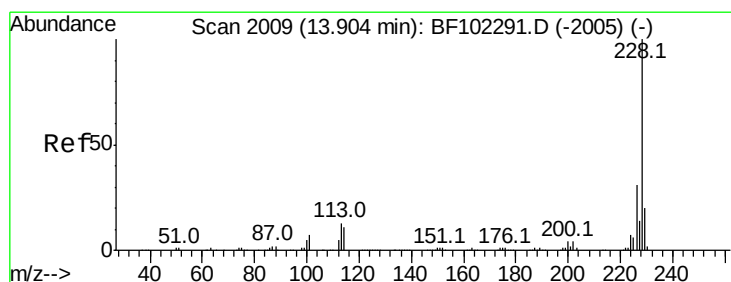
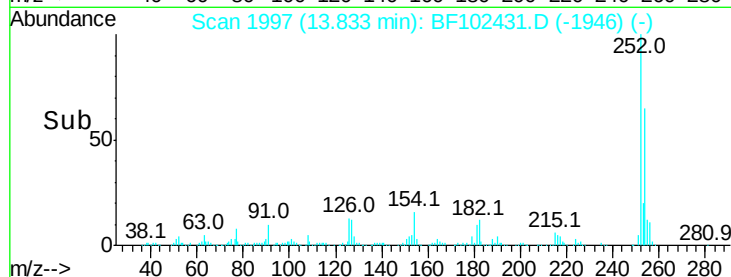
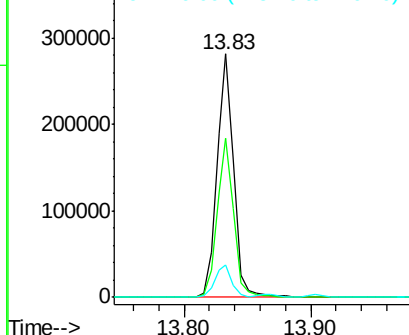
#81
 3,3'-Dichlorobenzidine
 Concen: 38.681 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.4	75.6
126	13.2	11.3	16.9

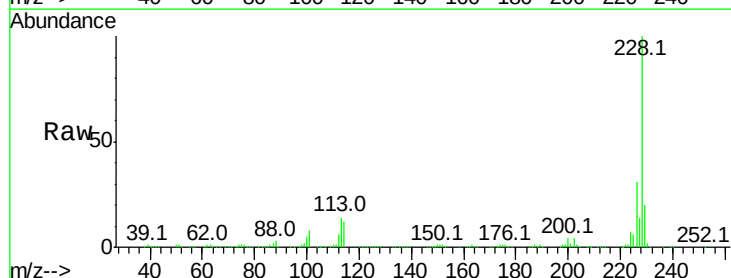


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

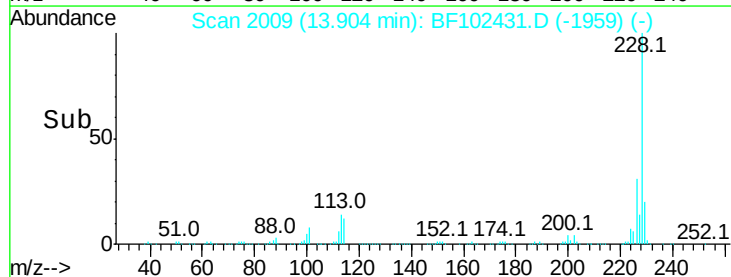
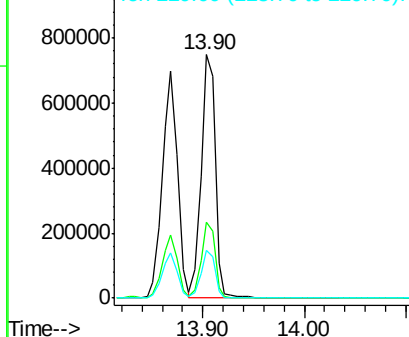


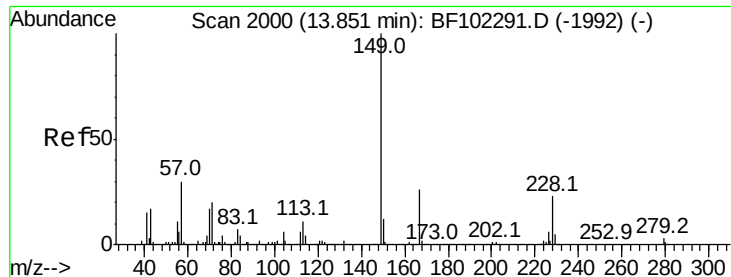
#82
 Chrysene
 Concen: 38.735 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102431.D
 Acq: 25 Jan 2018 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	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: 38.968 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

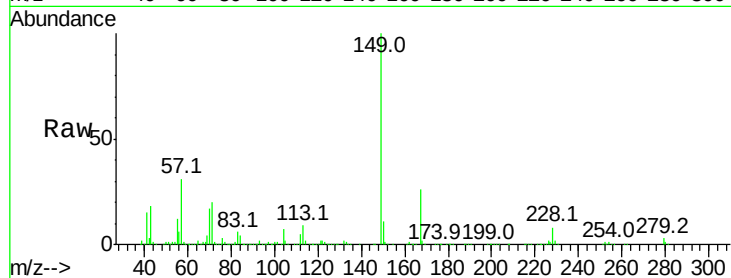
Tot Ion:149 Resp: 601075

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

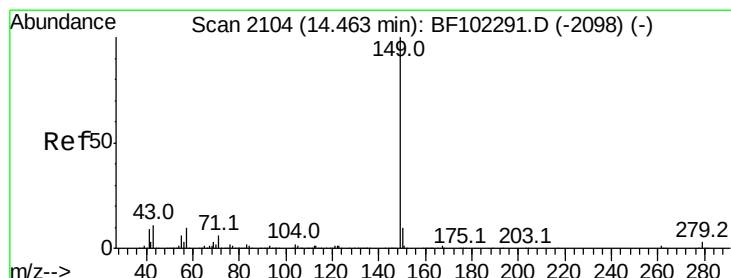
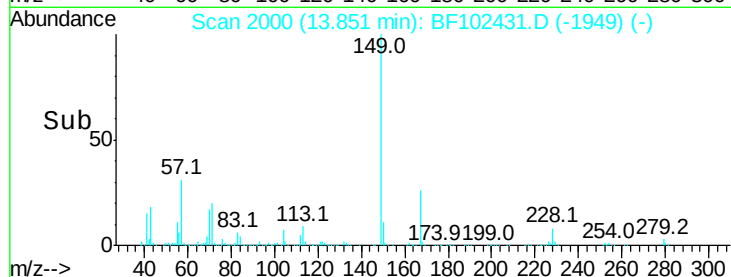
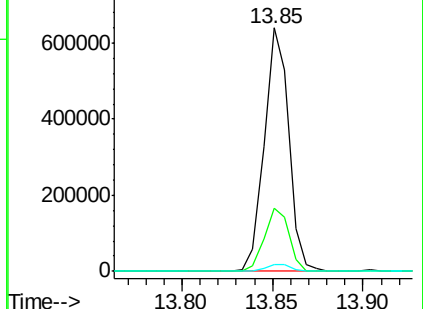
279 2.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.487 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

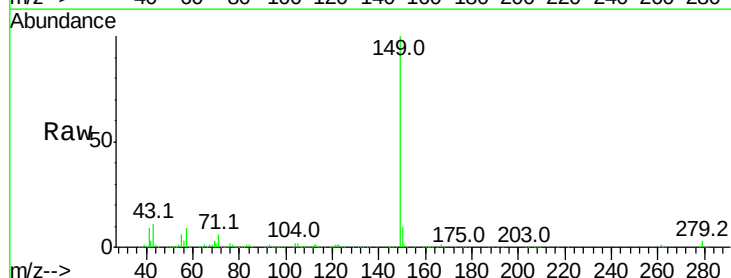
Tgt Ion:149 Resp: 940348

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

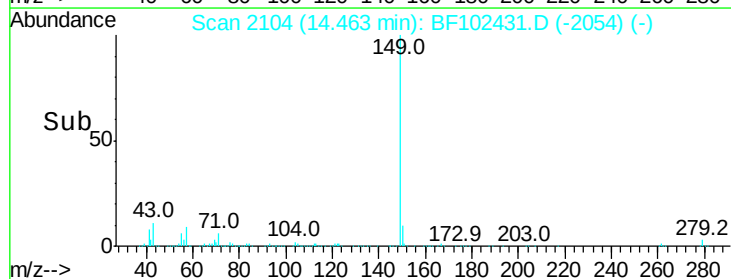
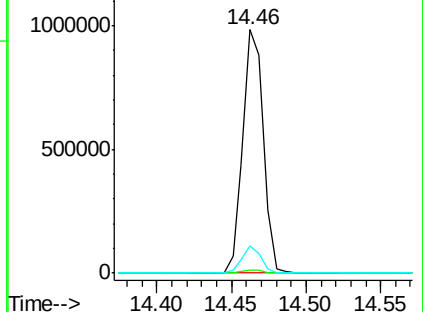
43 10.3 8.4 12.6

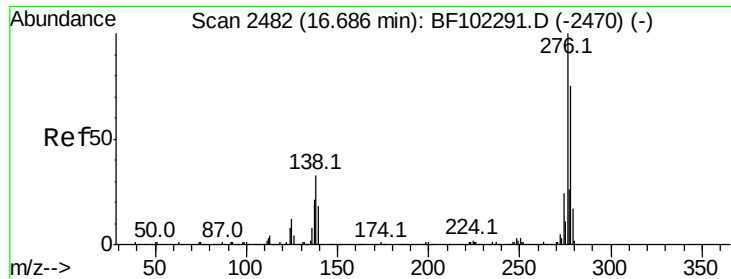


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.071 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

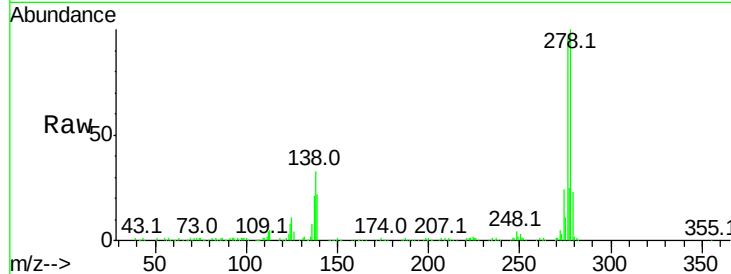
Tot Ion:276 Resp: 570987

Ion Ratio Lower Upper

276 100

138 31.8 25.0 37.6

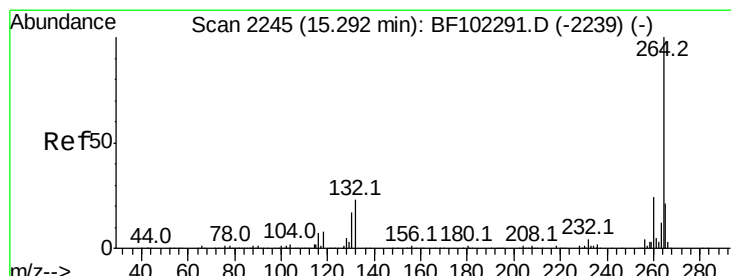
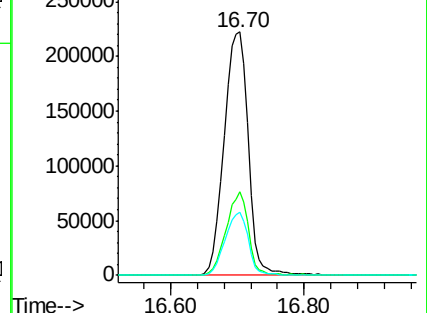
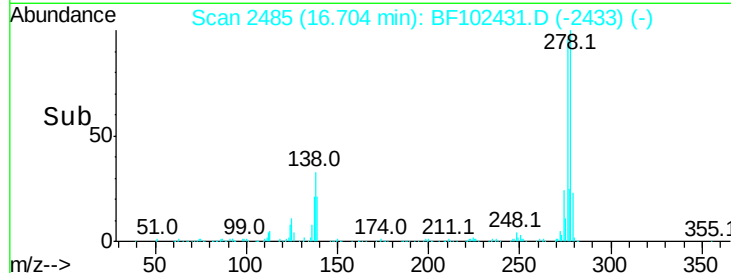
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

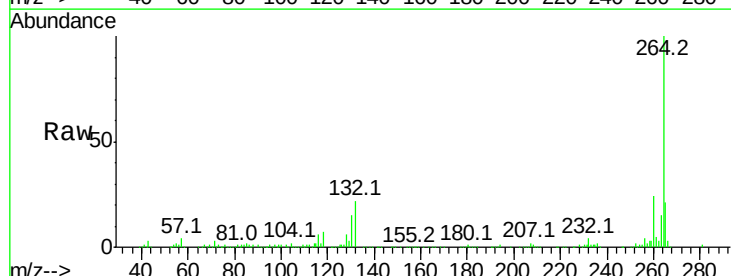
Tgt Ion:264 Resp: 257792

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

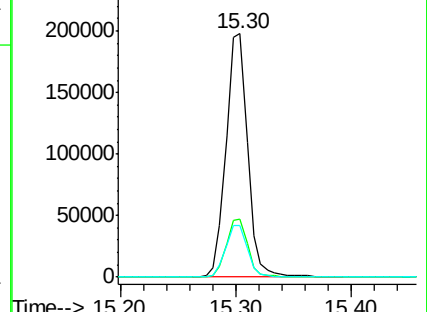
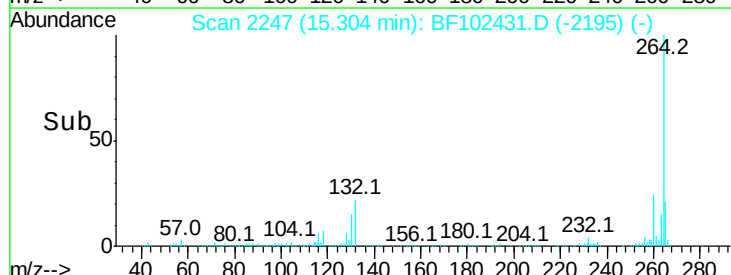
265 21.4 17.5 26.3

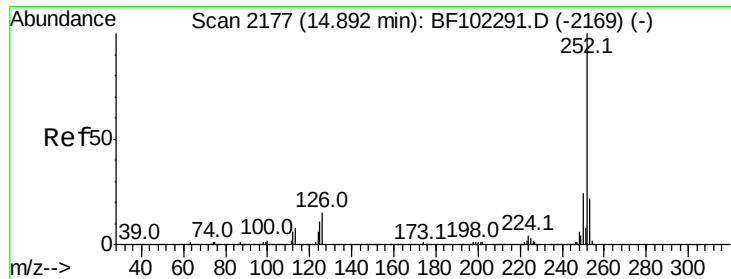


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

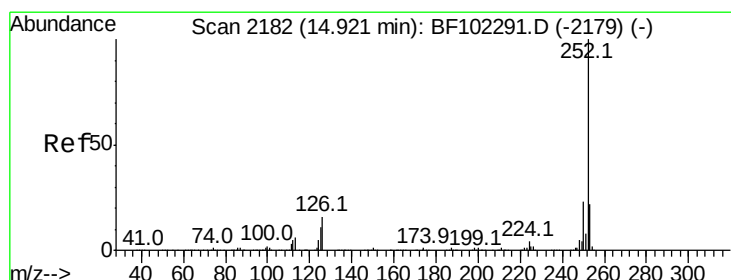
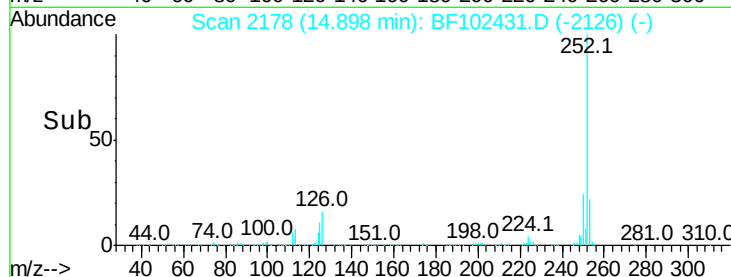
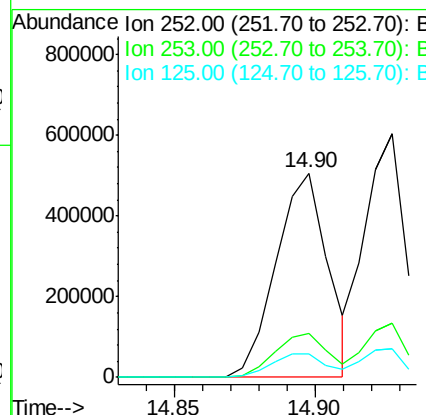
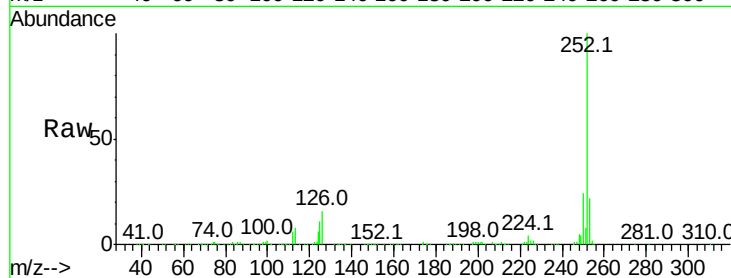




#87
Benzo(b)fluoranthene
Concen: 38.688 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

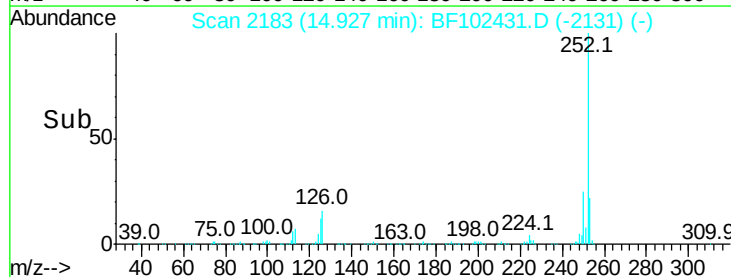
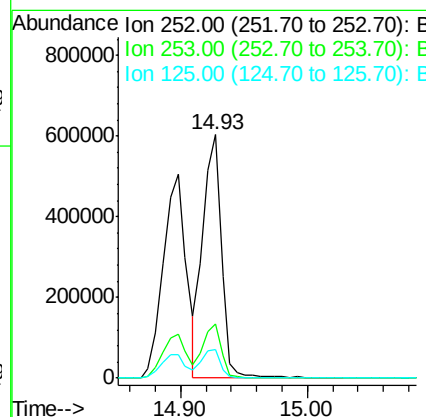
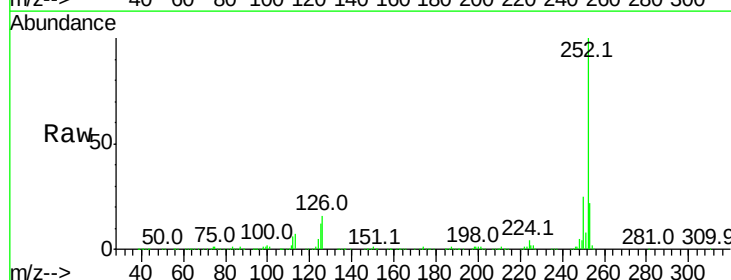
Instrument :
BNA_F
ClientSampleId :

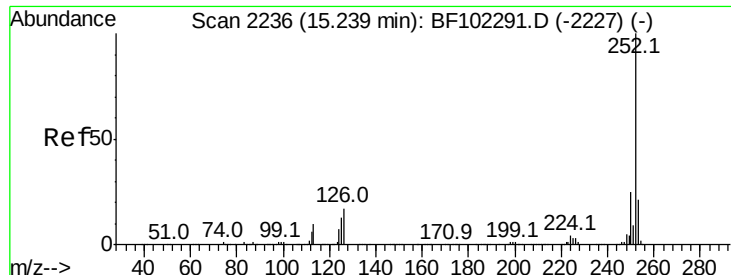
Tot Ion:252 Resp: 646422
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.734 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102431.D
Acq: 25 Jan 2018 18:44

Tgt Ion:252 Resp: 611458
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.304 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

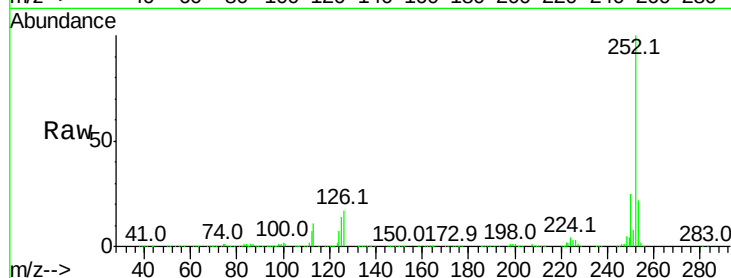
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 592297

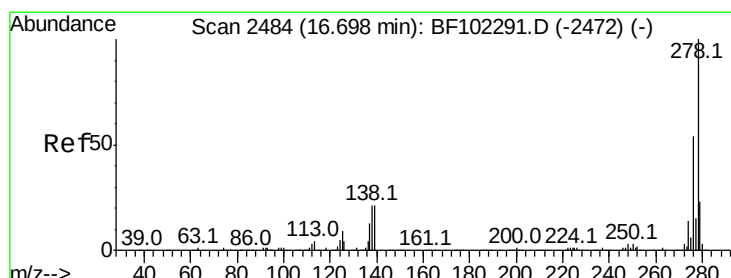
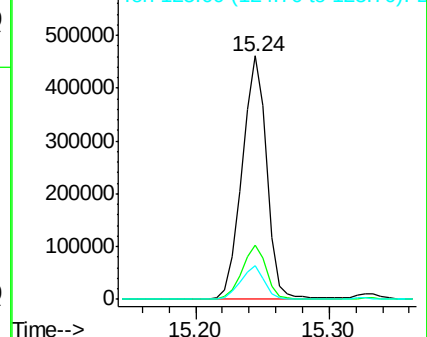
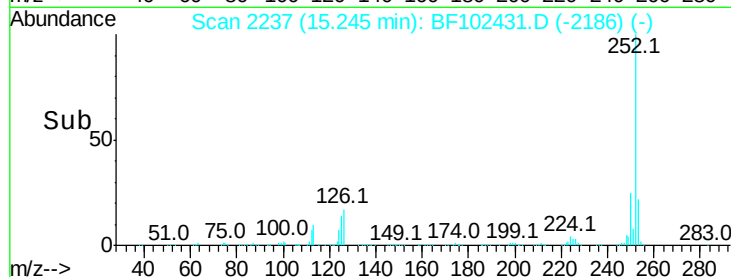
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.1	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.351 ng

RT: 16.71 min Scan# 2486

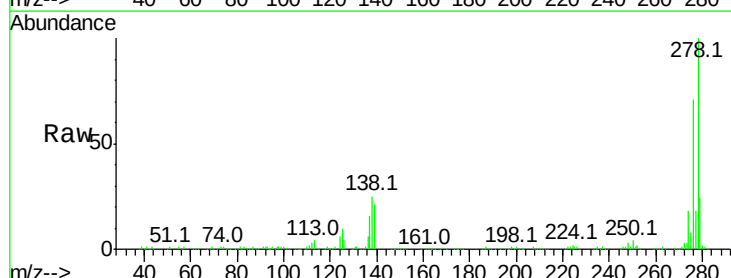
Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Tgt Ion:278 Resp: 468147

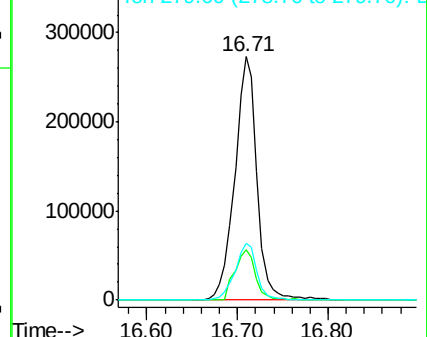
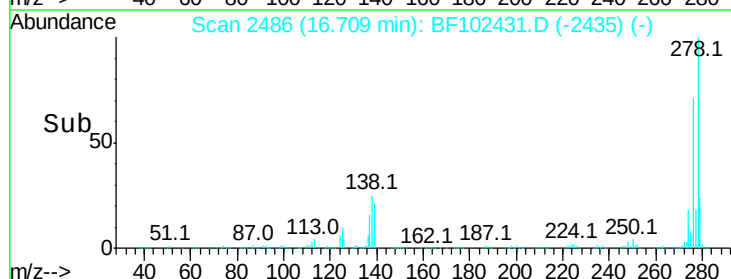
Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.9	23.9
279	23.5	19.0	28.4

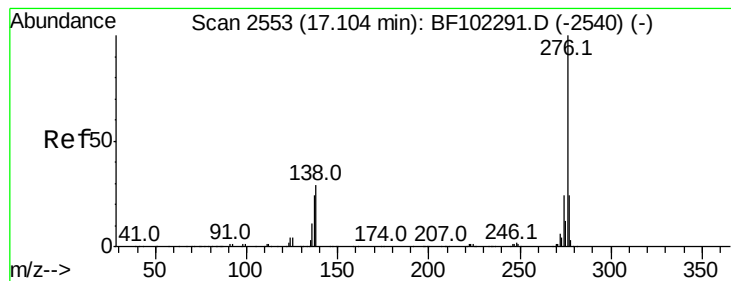


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.904 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BF102431.D

Acq: 25 Jan 2018 18:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 468911

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 28.7 21.8 32.8

