

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102485.D
 Acq On : 26 Jan 2018 22:43
 Operator : SJ/JU
 Sample : J1253-11MS 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 27 01:09:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163571	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	658928	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	260657	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	377190	20.00	ng	0.00
75) Chrysene-d12	13.89	240	273608	20.00	ng	0.01
86) Perylene-d12	15.33	264	190116	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	699994	64.89	ng	0.01
7) Phenol-d6	6.37	99	825171	63.45	ng	0.00
23) Nitrobenzene-d5	7.29	82	448859	39.15	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	112959	43.74	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	871969	49.19	ng	0.00
78) Terphenyl-d14	12.83	244	603962	49.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	80204	15.648	ng	95
3) Pyridine	3.09	79	232490	17.357	ng	94
4) n-Nitrosodimethylamine	3.04	42	109615	20.874	ng	95
6) Aniline	6.39	93	313920	18.249	ng	# 69
8) 2-Chlorophenol	6.51	128	238508	21.091	ng	98
9) Benzaldehyde	6.27	77	121647	13.825	ng	99
10) Phenol	6.38	94	310957	21.901	ng	# 63
11) bis(2-Chloroethyl)ether	6.46	93	229844	21.284	ng	97
12) 1,3-Dichlorobenzene	6.66	146	252680	18.788	ng	98
13) 1,4-Dichlorobenzene	6.74	146	259165	19.237	ng	97
14) 1,2-Dichlorobenzene	6.89	146	241854	19.626	ng	98
15) Benzyl Alcohol	6.87	79	187633	20.447	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	372327	20.557	ng	85
17) 2-Methylphenol	6.99	107	191039	19.452	ng	# 94
18) Hexachloroethane	7.23	117	42267	9.003	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	167220	21.010	ng	97
20) 3+4-Methylphenols	7.15	107	249633	21.612	ng	95
22) Acetophenone	7.13	105	337385	21.479	ng	# 97
24) Nitrobenzene	7.30	77	208214	17.744	ng	99
25) Isophorone	7.55	82	444017	21.721	ng	100
26) 2-Nitrophenol	7.62	139	21694	3.513	ng	98
27) 2,4-Dimethylphenol	7.67	122	213477	23.805	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	291166	23.058	ng	99
29) 2,4-Dichlorophenol	7.87	162	174979	19.155	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	185172	18.911	ng	96
31) Naphthalene	8.03	128	674049	20.488	ng	99
32) Benzoic acid	7.67	122	213477	28.413	ng	# 13
33) 4-Chloroaniline	8.08	127	260299	18.815	ng	99
34) Hexachlorobutadiene	8.14	225	96952	18.538	ng	98
35) Caprolactam	8.43	113	56825	18.836	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	196027	20.359	ng	99
37) 2-Methylnaphthalene	8.72	142	445680	20.341	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	164467	20.972	ng	99
42) 2,4,6-Trichlorophenol	9.00	196	91692	17.466	ng	99

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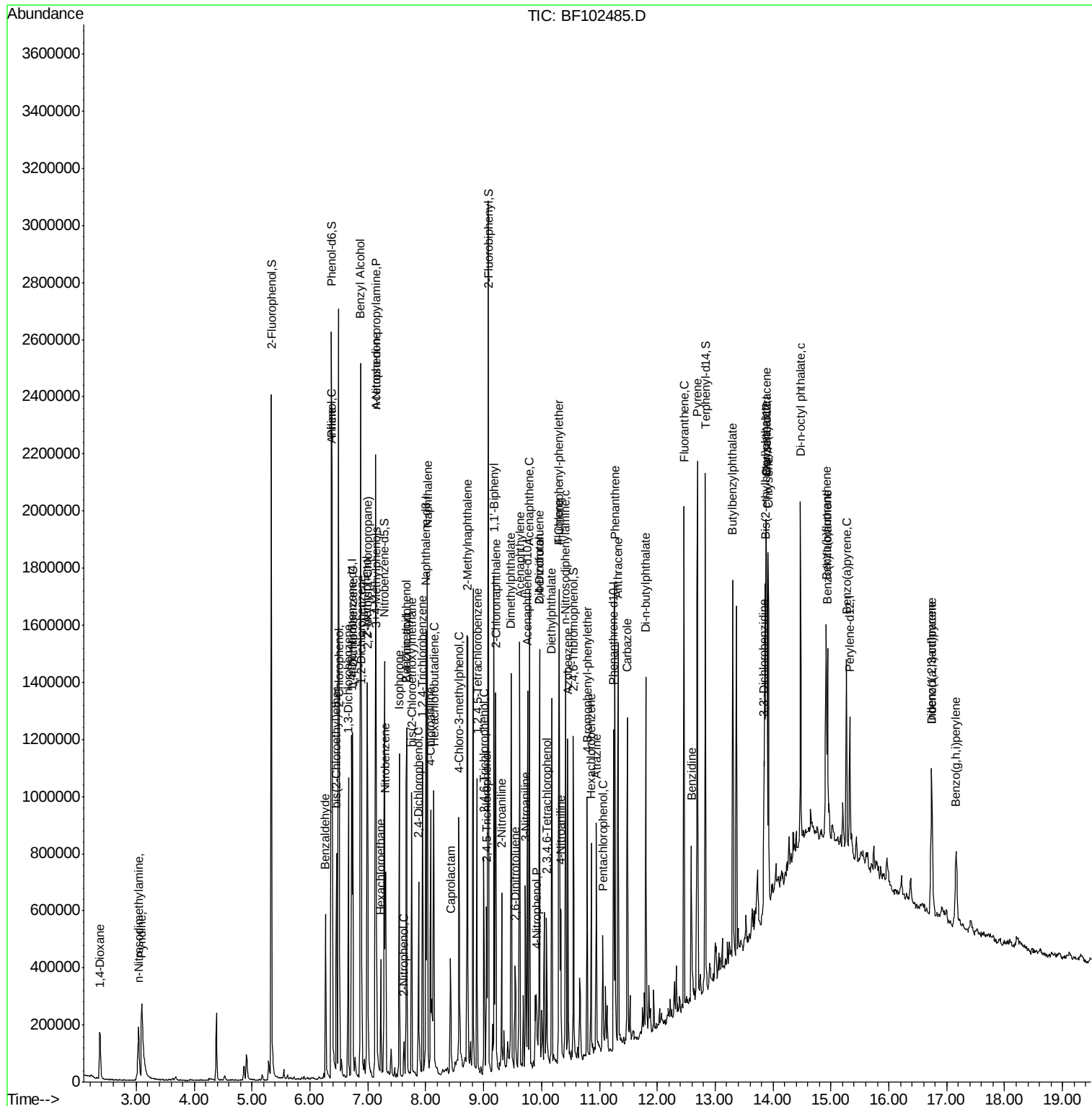
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	96126	16.263	nq	99
45) 1,1'-Biphenyl	9.18	154	500033	21.454	nq	99
46) 2-Chloronaphthalene	9.21	162	370717	20.463	nq	96
47) 2-Nitroaniline	9.31	65	102450	18.139	nq	98
48) Acenaphthylene	9.62	152	565365	20.031	nq	99
49) Dimethylphthalate	9.48	163	552535	25.646	nq	99
50) 2,6-Dinitrotoluene	9.55	165	40638	8.749	nq	91
51) Acenaphthene	9.79	154	326804	19.826	nq	98
52) 3-Nitroaniline	9.72	138	105160	19.137	nq	94
54) Dibenzofuran	9.96	168	481939	21.603	nq	96
55) 4-Nitrophenol	9.91	139	58279	16.067	nq	94
56) 2,4-Dinitrotoluene	9.96	165	39773	6.963	nq	# 71
57) Fluorene	10.31	166	366829	20.751	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	66921	15.857	nq	# 99
59) Diethylphthalate	10.17	149	425791	20.337	nq	100
60) 4-Chlorophenyl-phenylether	10.30	204	163016	21.270	nq	98
61) 4-Nitroaniline	10.33	138	106537	19.429	nq	88
62) Azobenzene	10.46	77	362890	18.932	nq	99
65) n-Nitrosodiphenylamine	10.42	169	320053	23.118	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	88465	21.787	nq	96
67) Hexachlorobenzene	10.86	284	82591	18.187	nq	97
68) Atrazine	10.95	200	77092	18.854	nq	97
69) Pentachlorophenol	11.06	266	44307	18.573	nq	99
70) Phenanthrene	11.27	178	572026	26.025	nq	99
71) Anthracene	11.32	178	506725	22.587	nq	98
72) Carbazole	11.48	167	447066	20.426	nq	99
73) Di-n-butylphthalate	11.80	149	587507	21.475	nq	99
74) Fluoranthene	12.46	202	694763	30.997	nq	98
76) Benzidine	12.59	184	235285	25.598	nq	98
77) Pyrene	12.69	202	698252	33.007	nq	100
79) Butylbenzylphthalate	13.30	149	216609	20.575	nq	98
80) Benzo(a)anthracene	13.88	228	504318	29.938	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	126876	20.532	nq	99
82) Chrysene	13.92	228	474953	27.765	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	334430	23.638	nq	99
84) Di-n-octyl phthalate	14.47	149	519018	22.558	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.74	276	258341	18.287	nq	98
87) Benzo(b)fluoranthene	14.92	252	371272	30.130	nq	# 96
88) Benzo(k)fluoranthene	14.94	252	296522	25.470	nq	98
89) Benzo(a)pyrene	15.27	252	312468	28.116	nq	# 97
90) Dibenzo(a,h)anthracene	16.74	278	184226	20.464	nq	# 95
91) Benzo(g,h,i)perylene	17.16	276	221983	24.973	nq	94

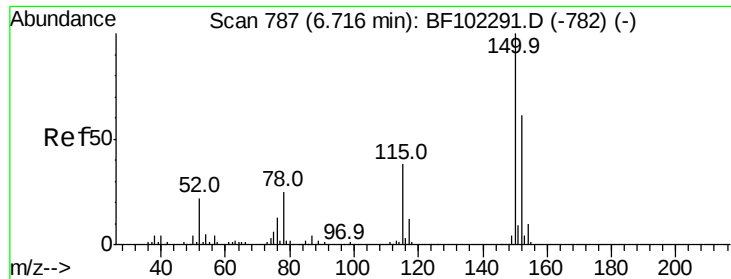
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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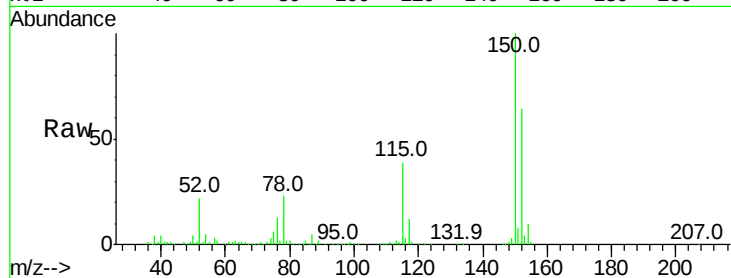


#1

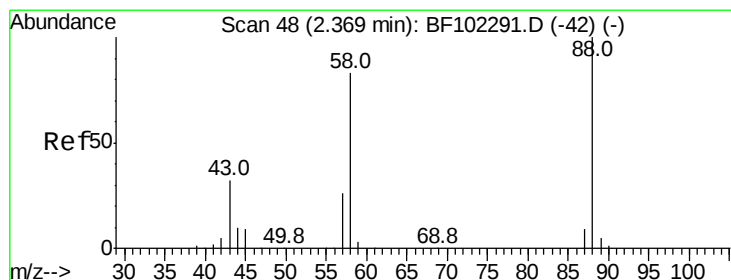
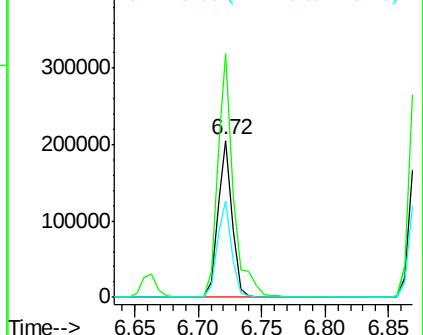
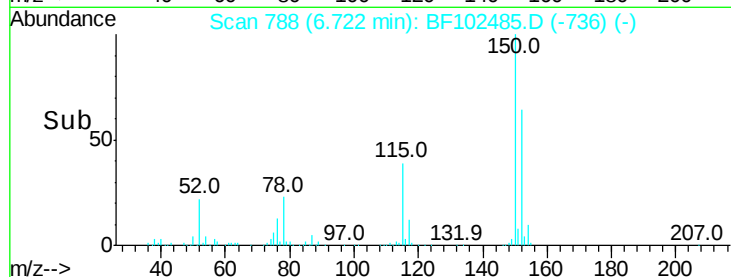
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163571
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 61.4 50.1 75.1



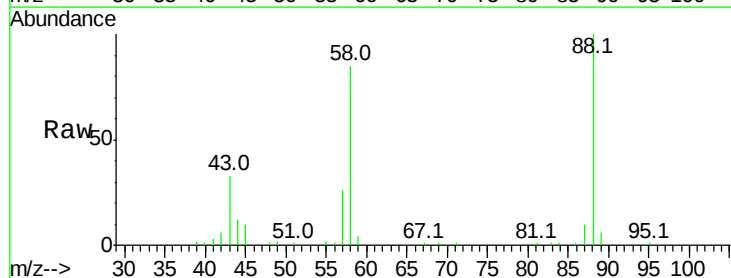
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



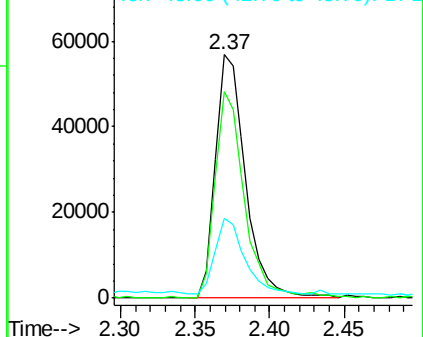
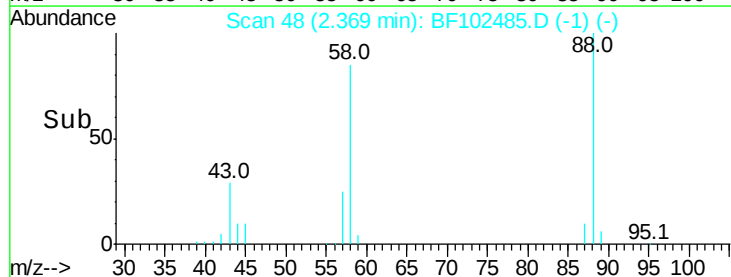
#2

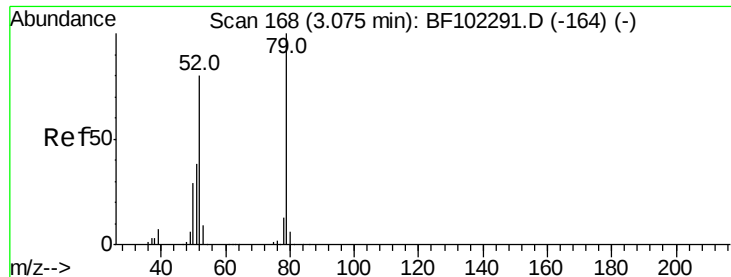
1,4-Dioxane
Concen: 15.648 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion: 88 Resp: 80204
Ion Ratio Lower Upper
88 100
58 83.5 62.6 93.8
43 29.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 17.357 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.02 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

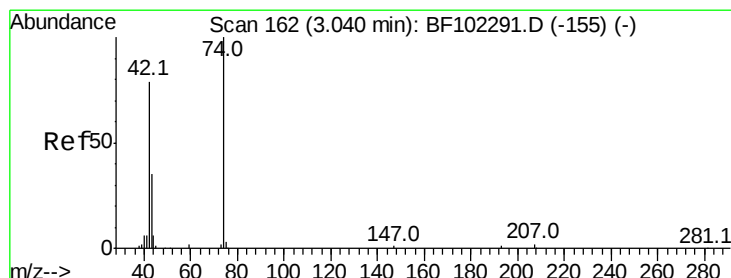
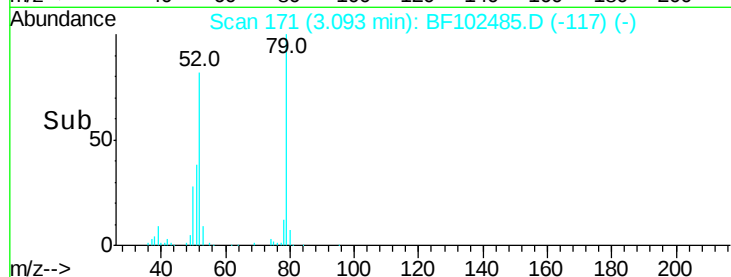
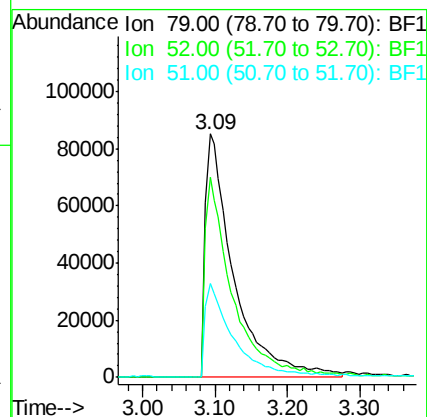
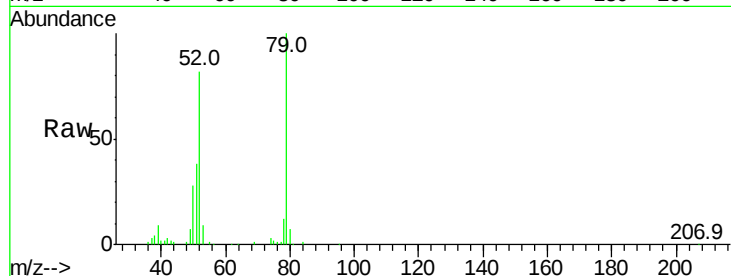
Tot Ion: 79 Resp: 232490

Ion Ratio Lower Upper

79 100

52 82.1 59.8 89.6

51 38.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 20.874 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

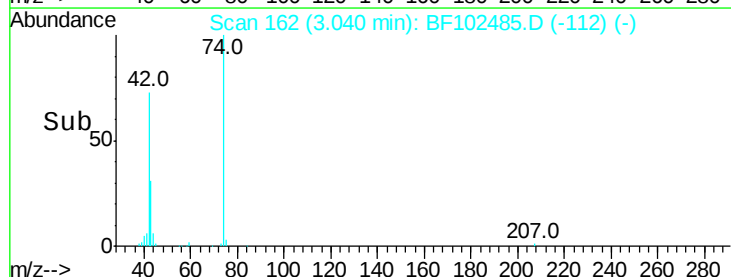
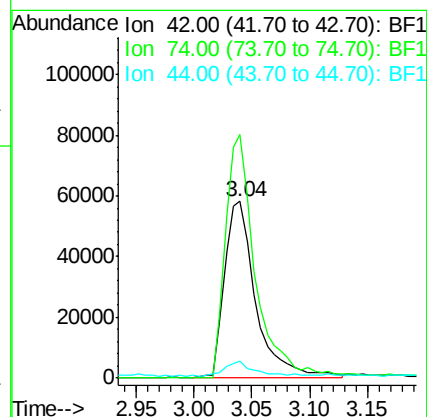
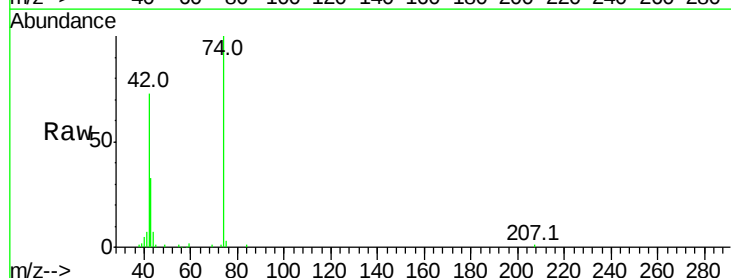
Tgt Ion: 42 Resp: 109615

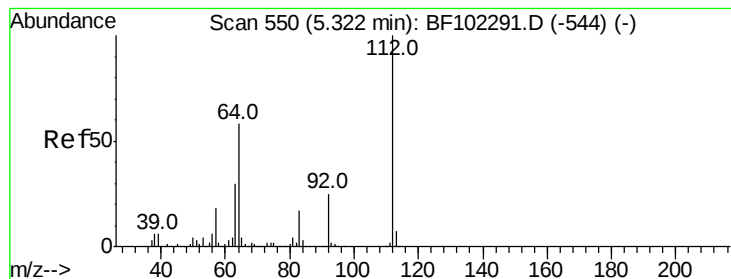
Ion Ratio Lower Upper

42 100

74 137.6 104.9 157.3

44 9.9 6.9 10.3





#5

2-Fluorophenol

Concen: 64.888 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

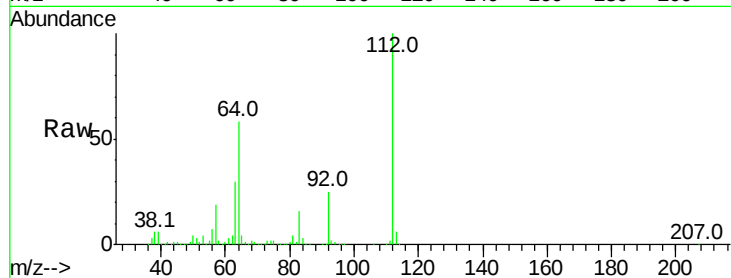
Tot Ion:112 Resp: 699994

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

800000

600000

400000

200000

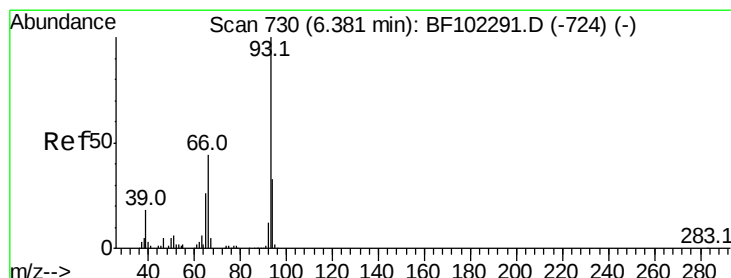
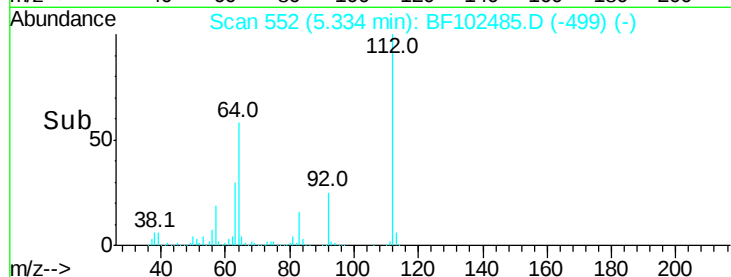
0

5.33

5.40

5.50

Time-->



#6

Aniline

Concen: 18.249 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

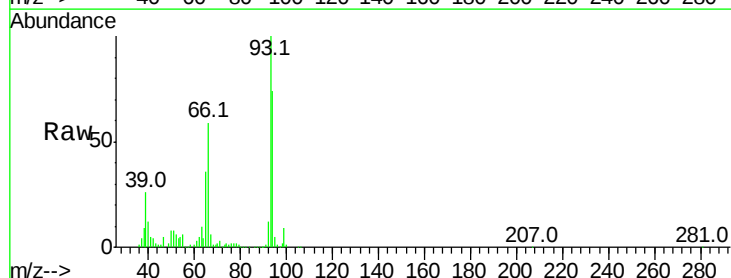
Tgt Ion: 93 Resp: 313920

Ion Ratio Lower Upper

93 100

66 58.6 32.2 48.2#

65 35.8 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

400000

300000

200000

100000

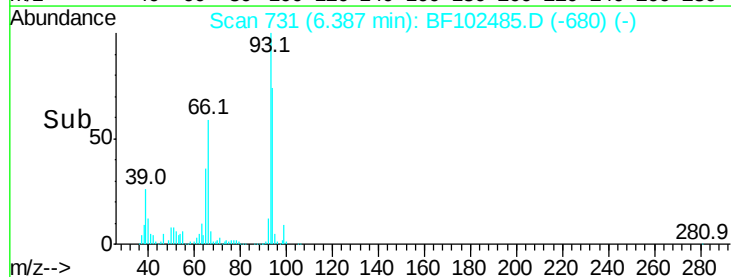
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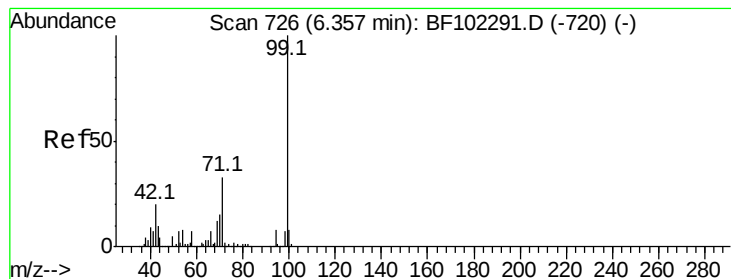
6.39

6.40

6.45

Time-->





#7

Phenol-d6

Concen: 63.447 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

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ClientSampleId :

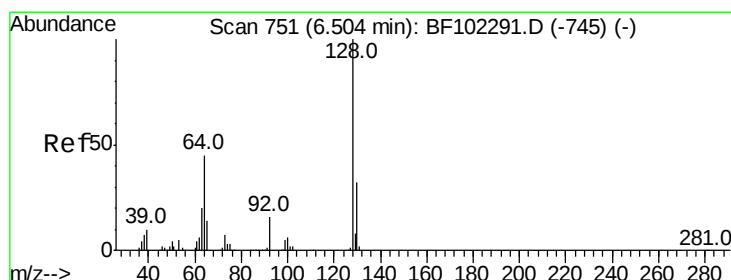
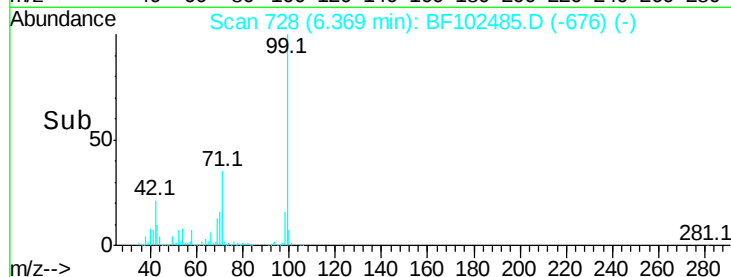
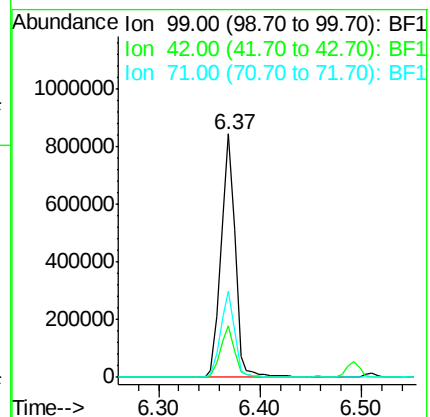
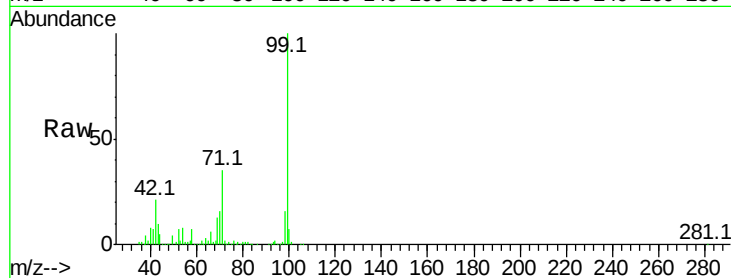
Tot Ion: 99 Resp: 825171

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 35.3 25.4 38.0



#8

2-Chlorophenol

Concen: 21.091 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102485.D

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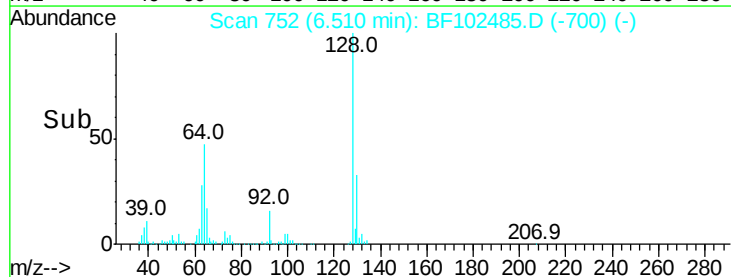
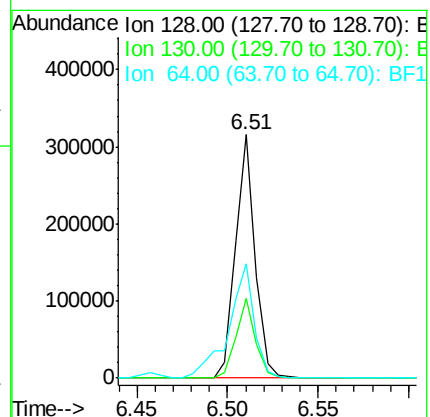
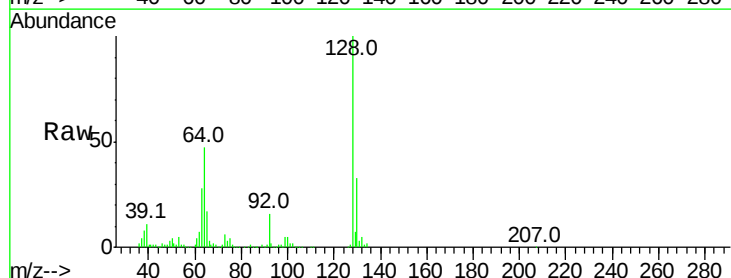
Tgt Ion: 128 Resp: 238508

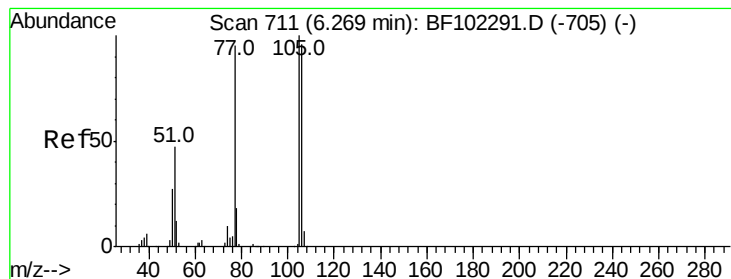
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 47.1 29.4 69.4





#9

Benzaldehyde

Concen: 13.825 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102485.D

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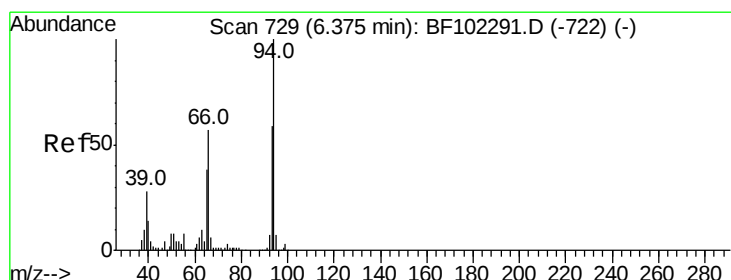
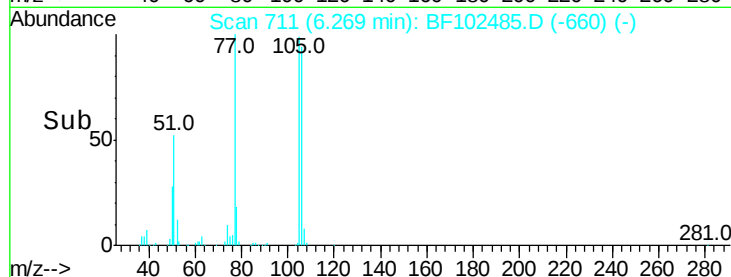
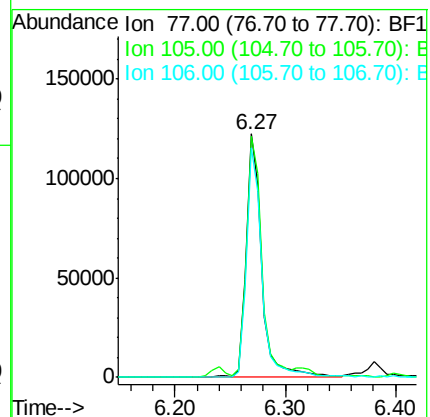
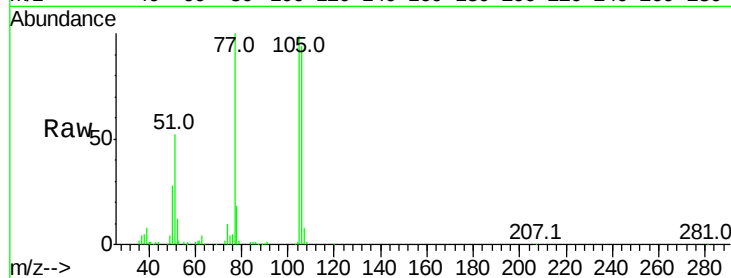
Tot Ion: 77 Resp: 121647

Ion Ratio Lower Upper

77 100

105 99.1 81.1 121.1

106 94.2 74.5 114.5



#10

Phenol

Concen: 21.901 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

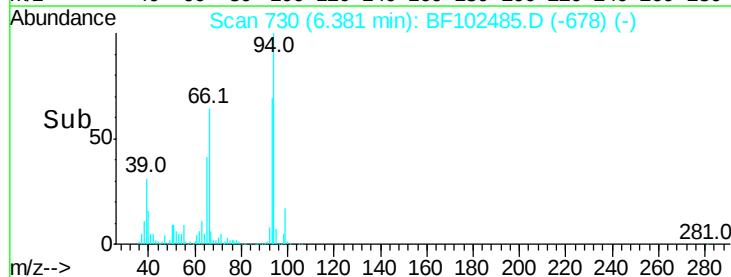
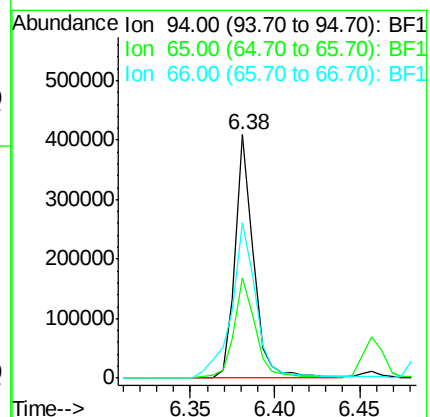
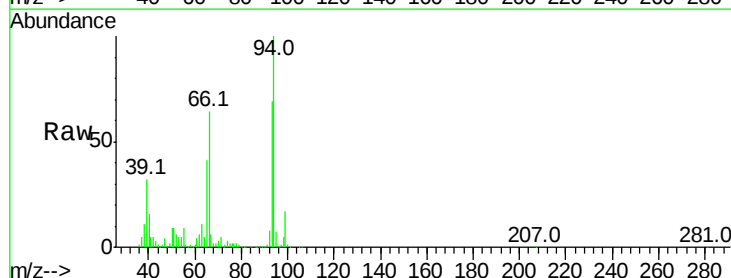
Tgt Ion: 94 Resp: 310957

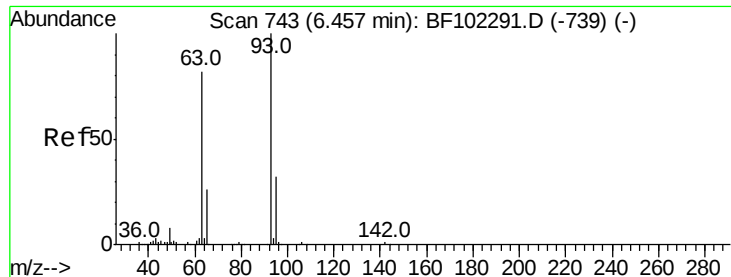
Ion Ratio Lower Upper

94 100

65 41.0 7.9 47.9

66 63.9 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 21.284 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

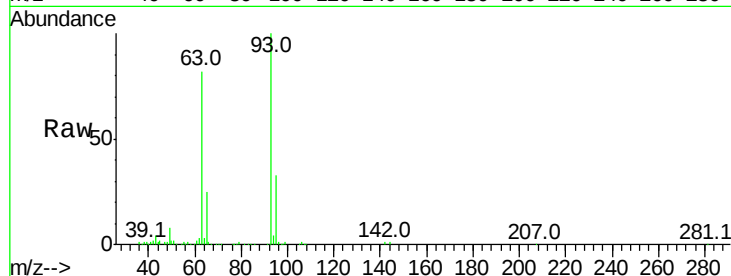
Tot Ion: 93 Resp: 229844

Ion Ratio Lower Upper

93 100

63 81.7 58.6 98.6

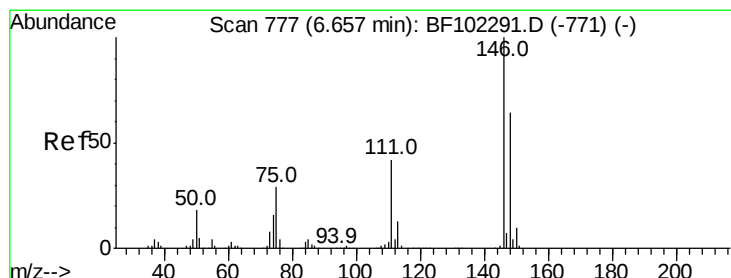
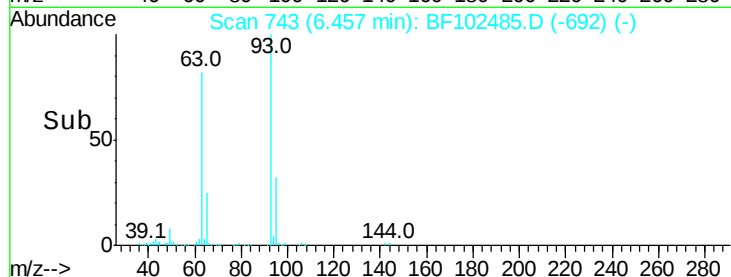
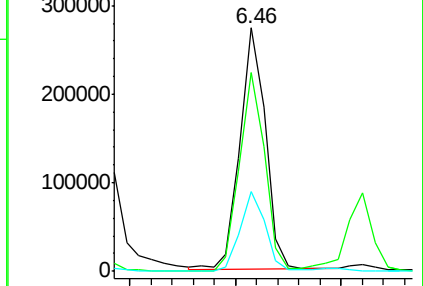
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 18.788 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

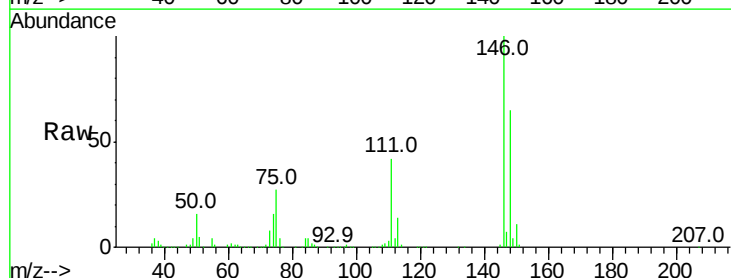
Tgt Ion: 146 Resp: 252680

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

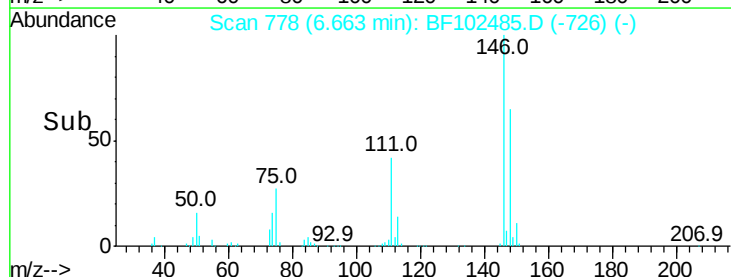
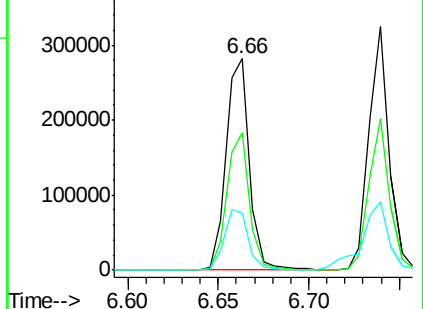
75 27.0 24.2 36.4

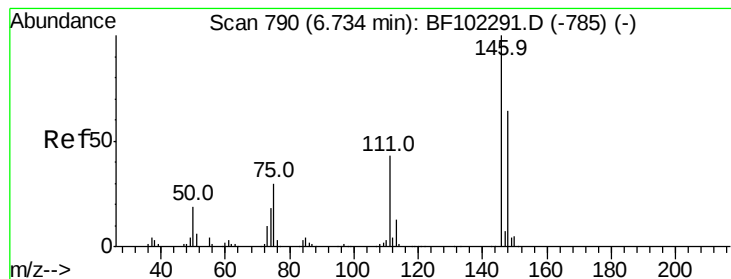


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 19.237 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

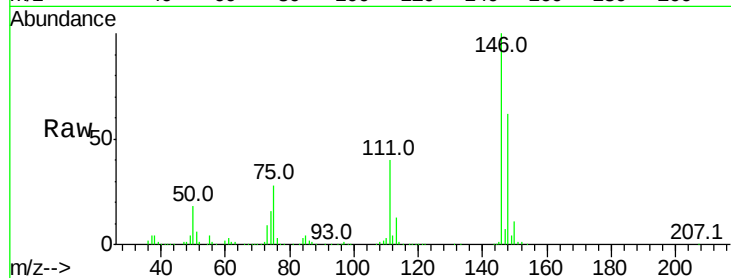
Tot Ion:146 Resp: 259165

Ion Ratio Lower Upper

146 100

148 62.0 50.8 76.2

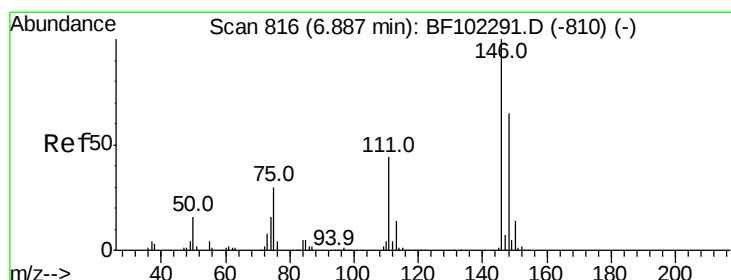
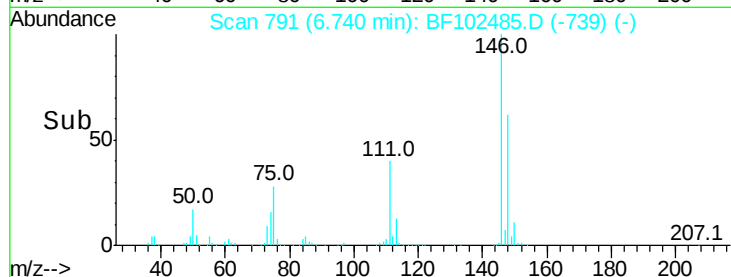
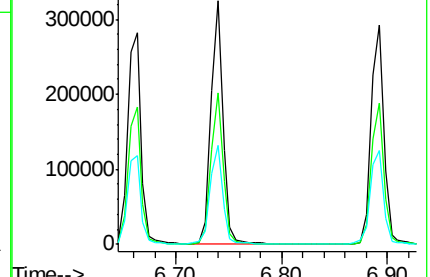
111 40.5 34.2 51.2



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: 19.626 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

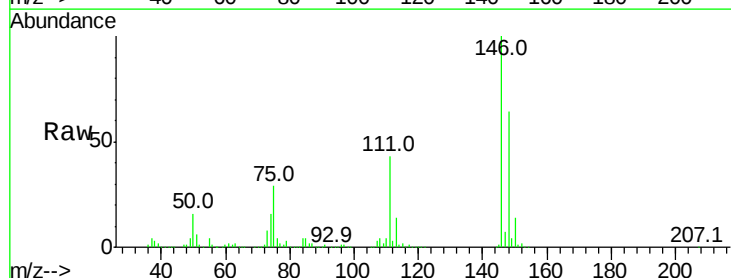
Tgt Ion:146 Resp: 241854

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

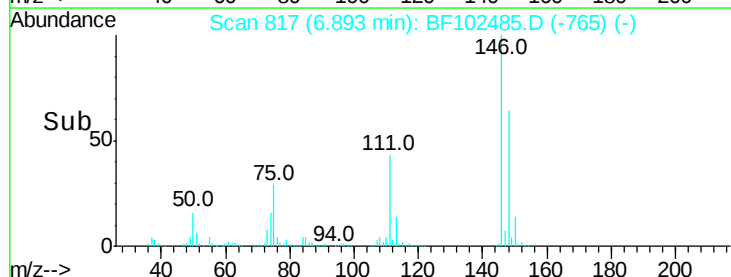
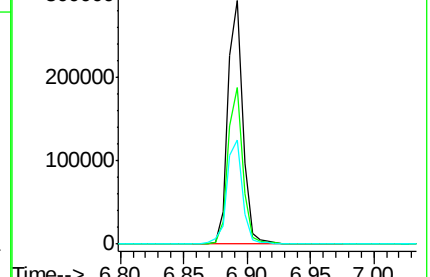
111 42.6 36.0 54.0

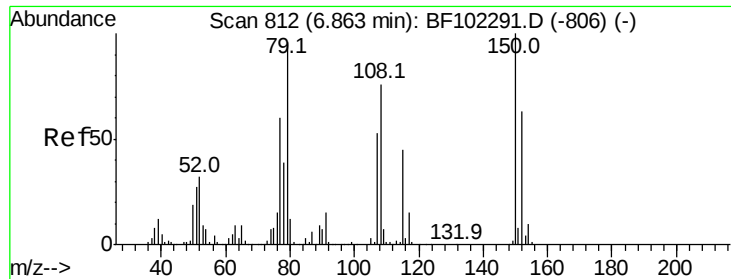


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.447 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampled :

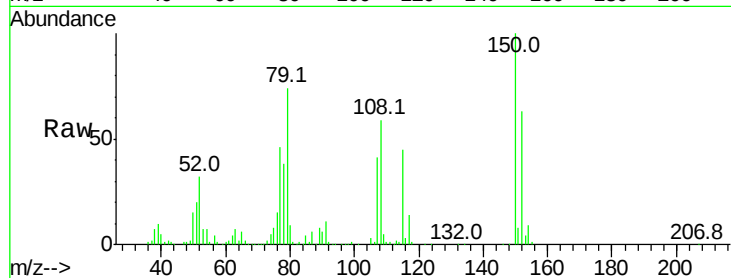
Tot Ion: 79 Resp: 187633

Ion Ratio Lower Upper

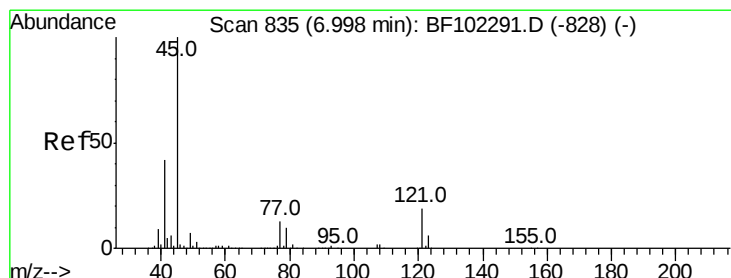
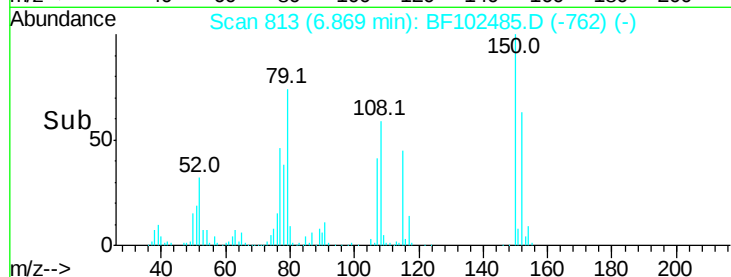
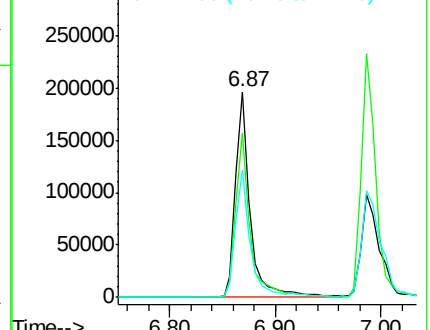
79 100

108 79.7 65.1 97.7

77 61.9 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.557 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

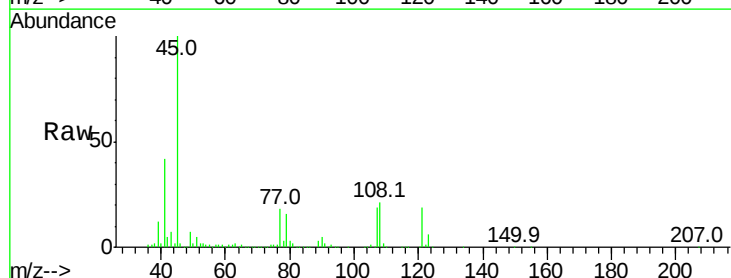
Tgt Ion: 45 Resp: 372327

Ion Ratio Lower Upper

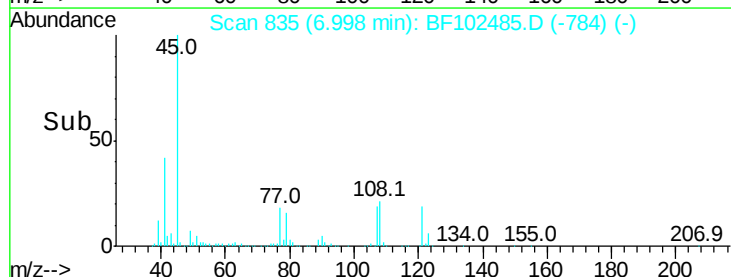
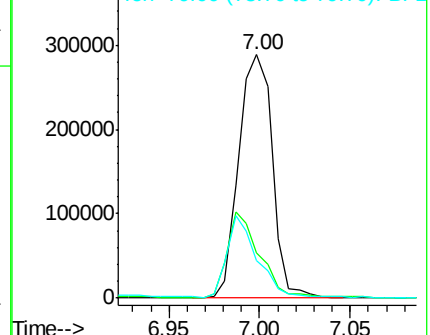
45 100

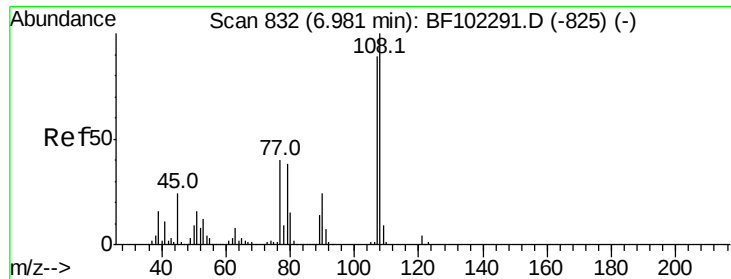
77 18.4 0.0 32.9

79 15.6 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: 19.452 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 191039

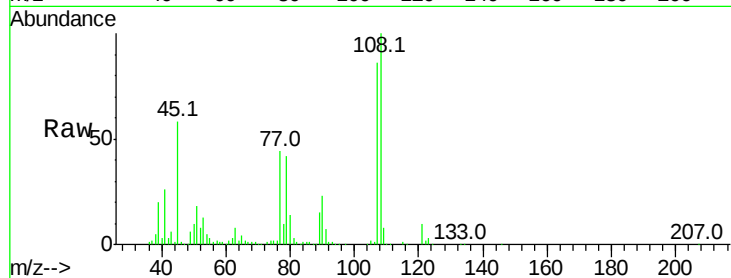
Ion Ratio Lower Upper

107 100

108 115.8 91.7 137.5

77 50.9 33.8 50.8#

79 48.7 33.8 50.8

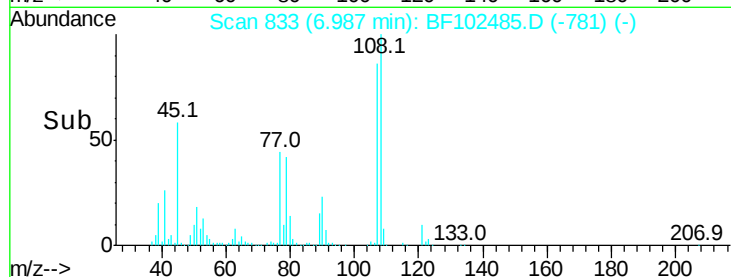


Abundance Ion 107.00 (106.70 to 107.70): E

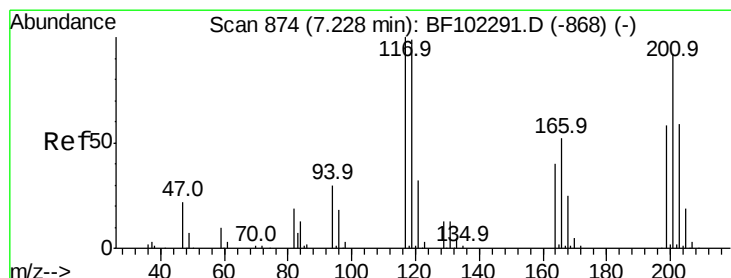
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time--> 6.90 7.00 7.10



#18

Hexachloroethane

Concen: 9.003 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

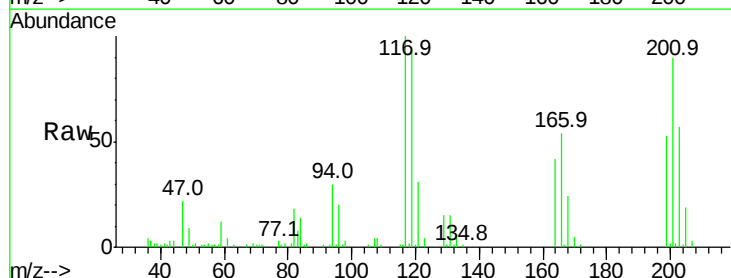
Tgt Ion:117 Resp: 42267

Ion Ratio Lower Upper

117 100

119 93.2 75.8 113.8

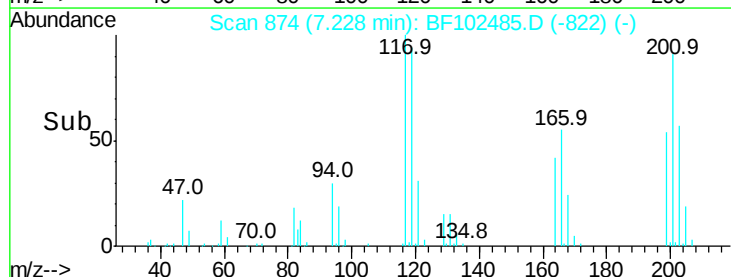
201 89.9 75.7 113.5



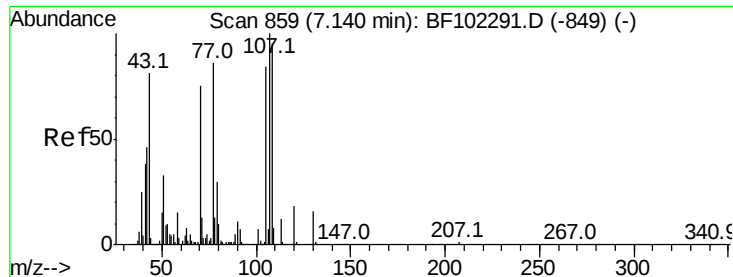
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



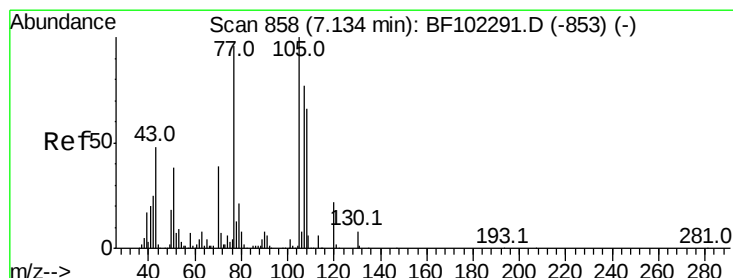
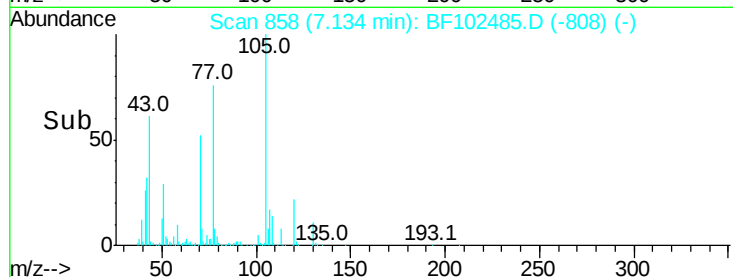
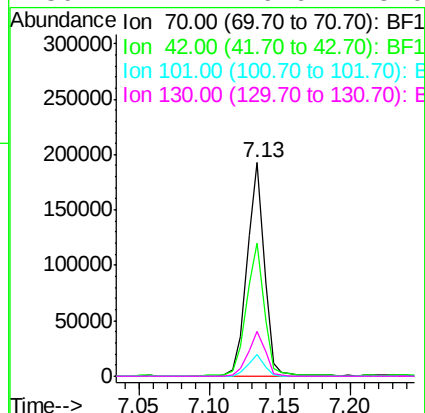
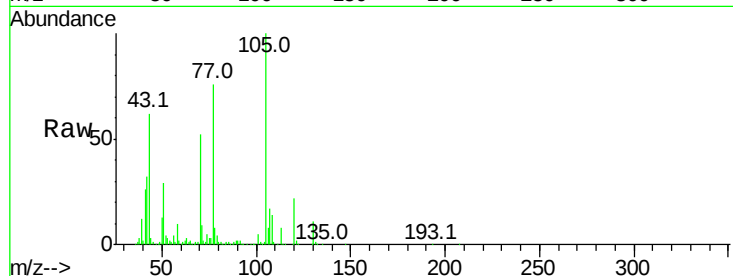
Time--> 7.20 7.25



#19
n-Nitroso-di-n-propylamine
Concen: 21.010 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

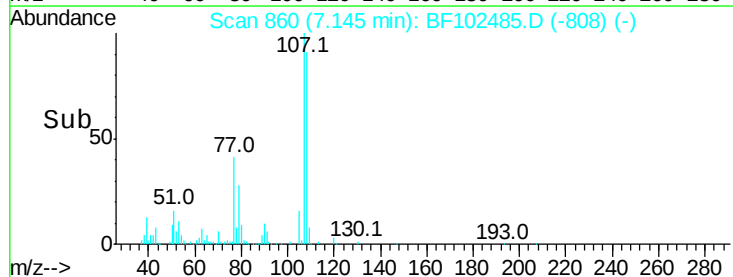
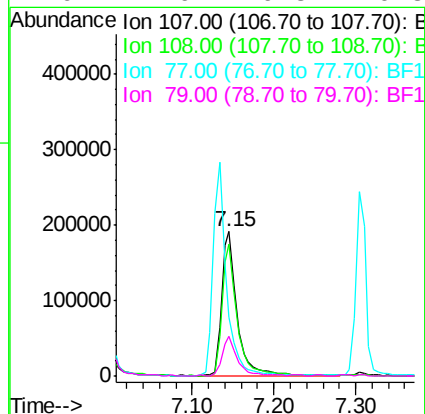
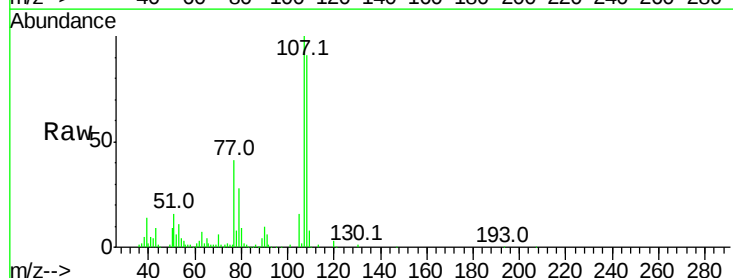
Instrument :
BNA_F
ClientSampleId :

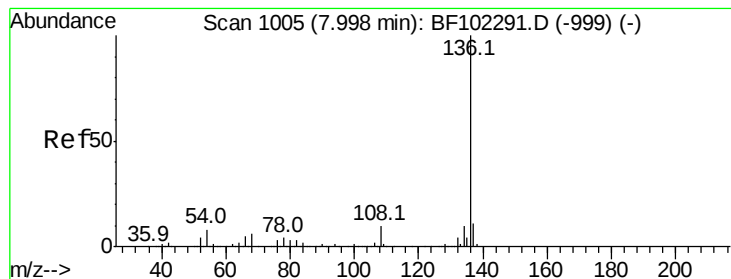
Tot Ion: 70 Resp: 167220
Ion Ratio Lower Upper
70 100
42 62.1 47.5 71.3
101 10.1 7.4 11.2
130 21.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 21.612 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:107 Resp: 249633
Ion Ratio Lower Upper
107 100
108 91.3 68.2 108.2
77 41.2 26.7 66.7
79 27.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 658928

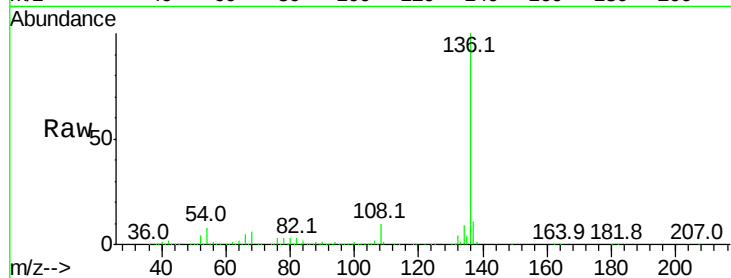
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.4 6.6 9.8

68 6.1 5.0 7.4

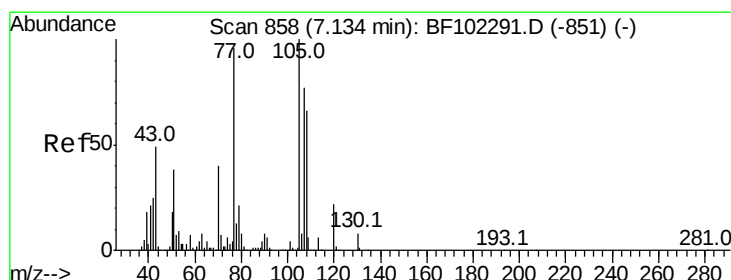
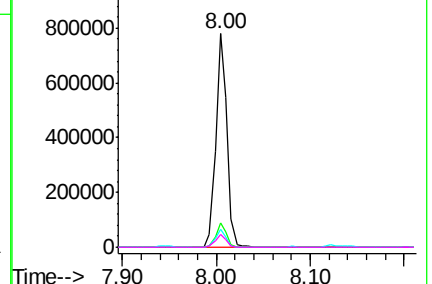
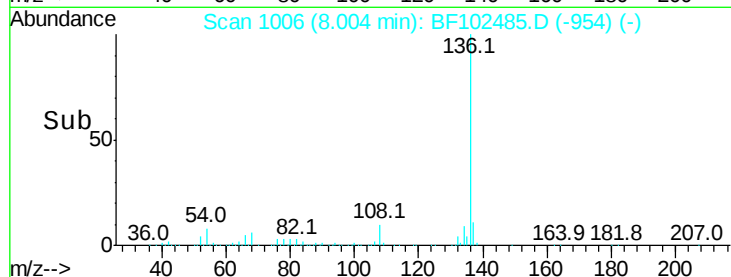


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.479 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Tgt Ion:105 Resp: 337385

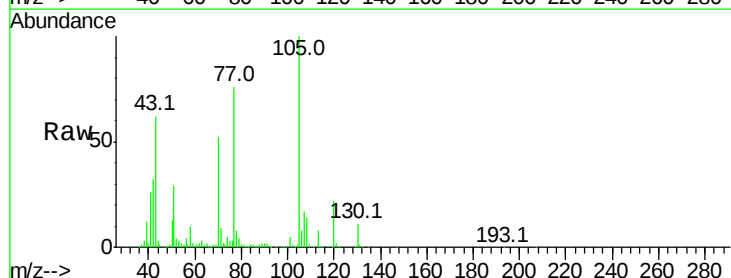
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 29.2 22.3 33.5

120 21.9 16.9 25.3

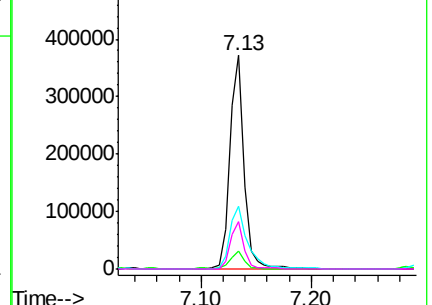
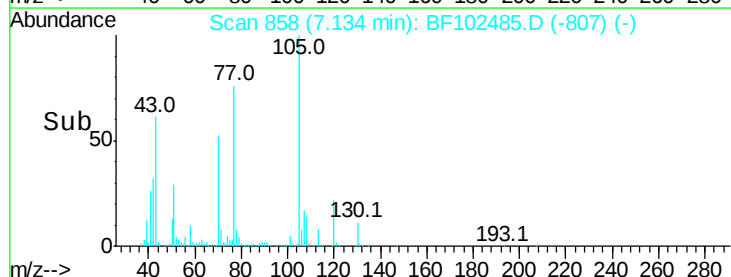


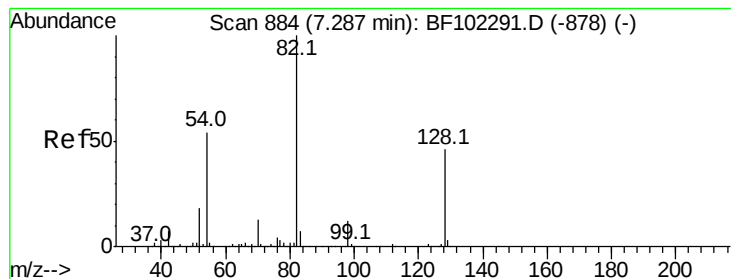
Abundance Ion 105.00 (104.70 to 105.70): E

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: 39.146 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

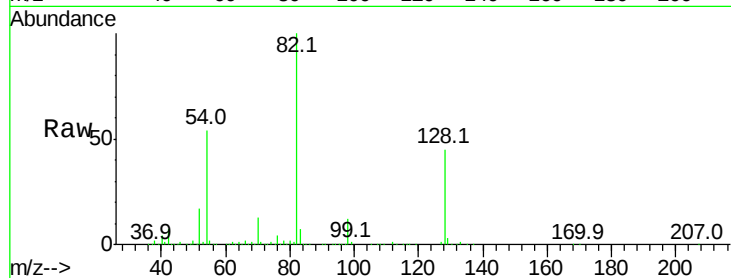
Tot Ion: 82 Resp: 448859

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

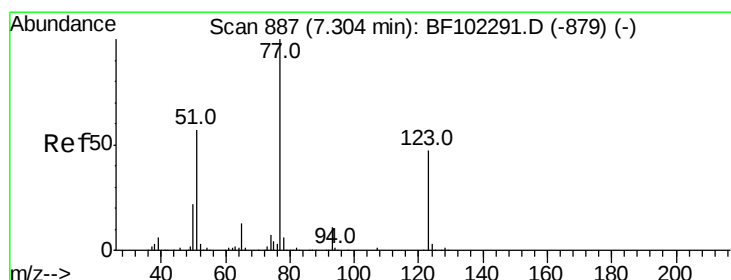
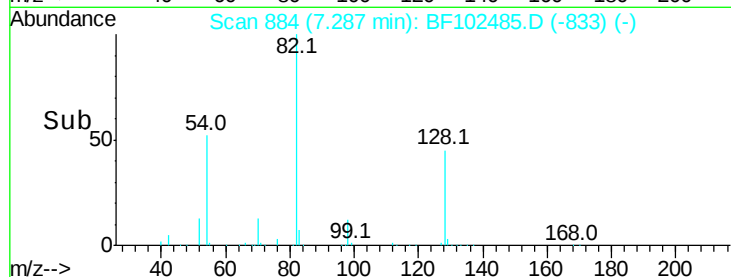
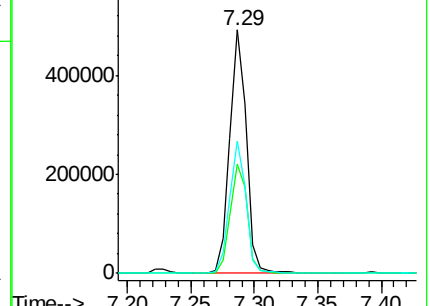
54 54.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 17.744 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

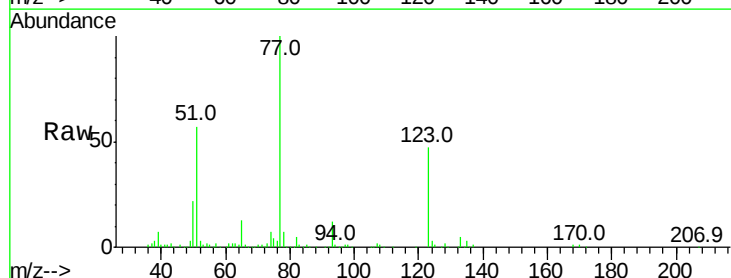
Tgt Ion: 77 Resp: 208214

Ion Ratio Lower Upper

77 100

123 46.6 37.9 56.9

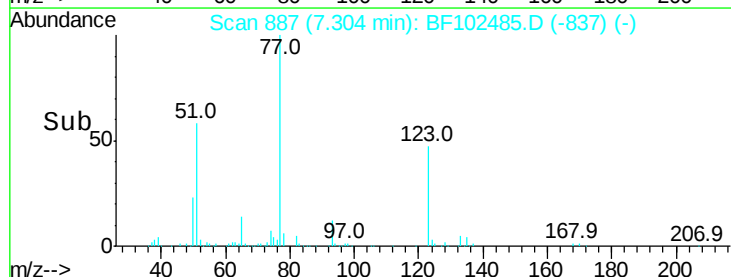
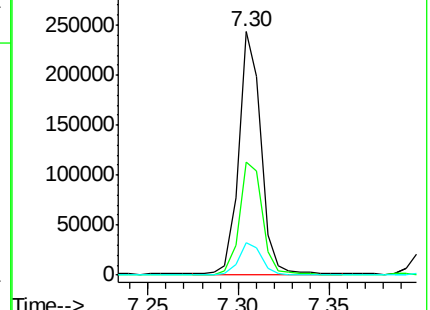
65 13.1 11.0 16.4

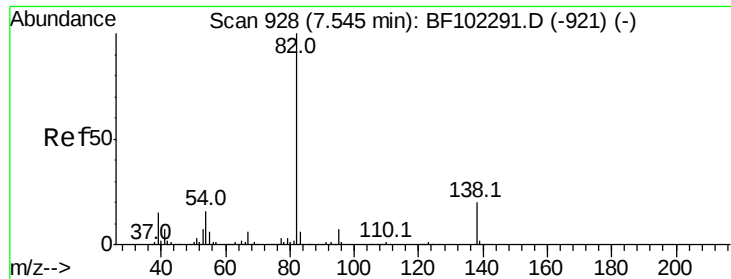


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 21.721 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

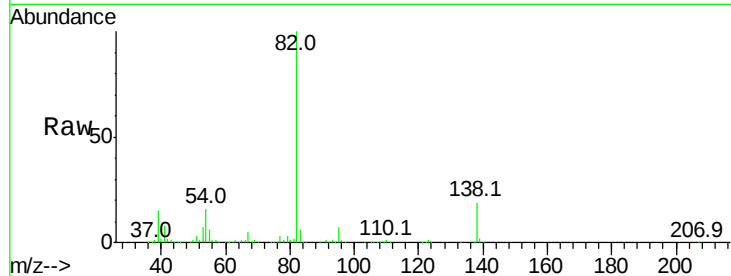
Tot Ion: 82 Resp: 444017

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

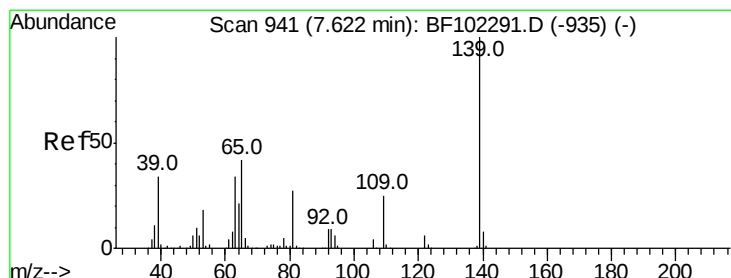
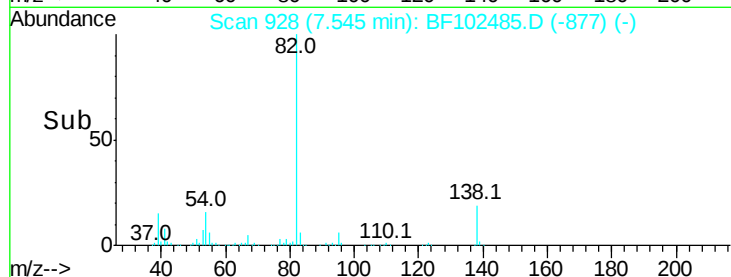
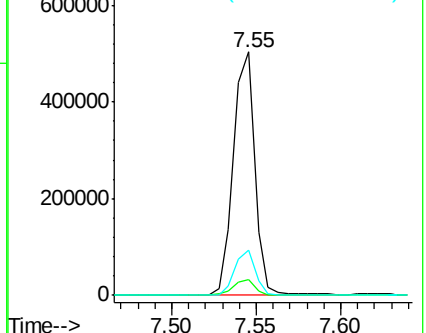
138 18.7 14.9 22.3



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: 3.513 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

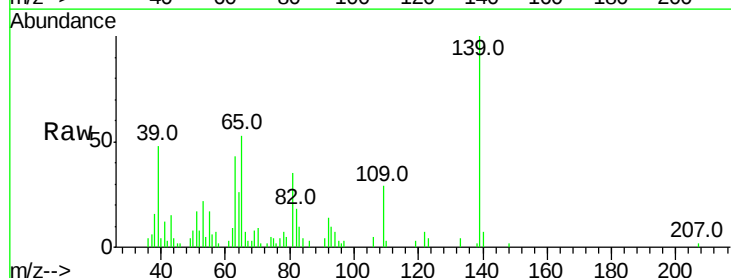
Tgt Ion: 139 Resp: 21694

Ion Ratio Lower Upper

139 100

109 29.1 22.7 34.1

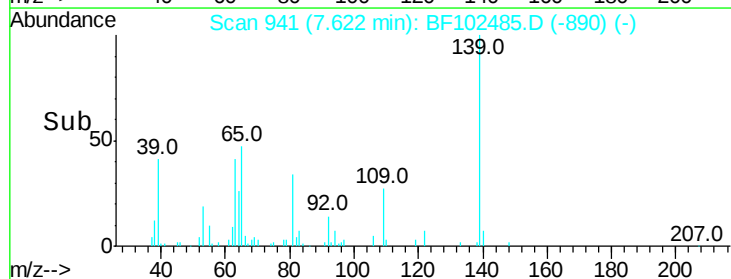
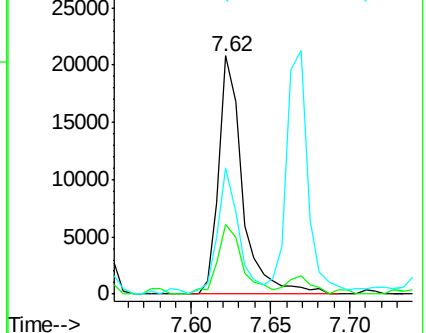
65 52.6 40.5 60.7

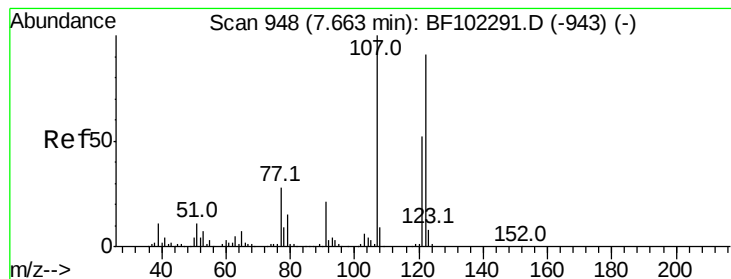


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 23.805 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

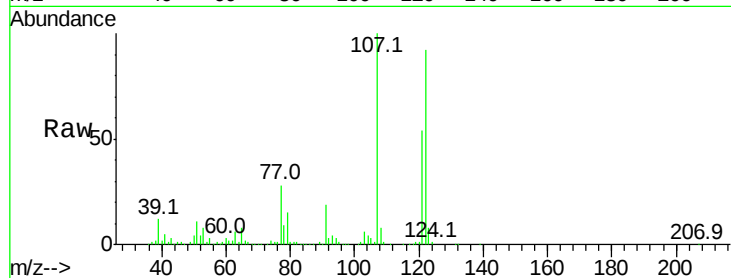
Tot Ion:122 Resp: 213477

Ion Ratio Lower Upper

122 100

107 108.8 91.2 136.8

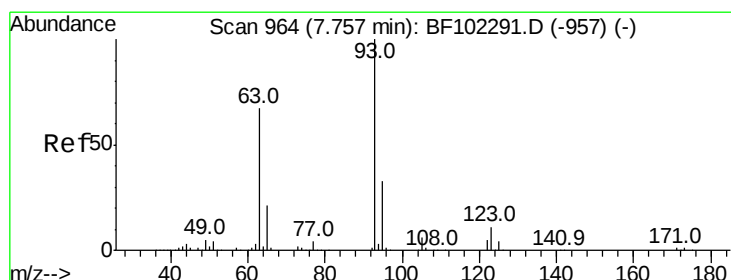
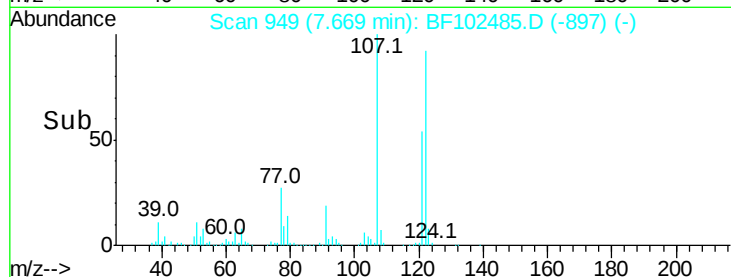
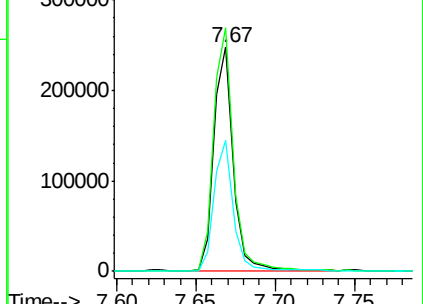
121 58.8 47.2 70.8



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: 23.058 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

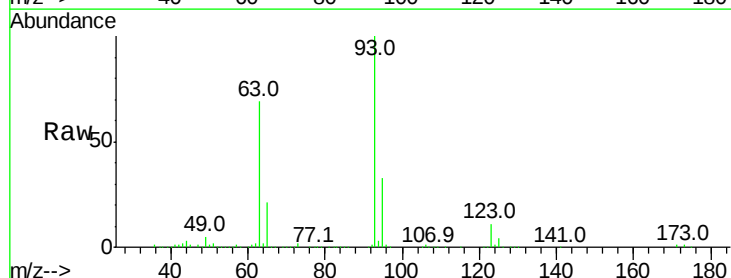
Tgt Ion: 93 Resp: 291166

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

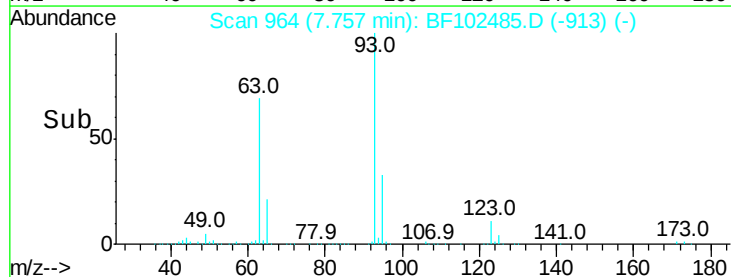
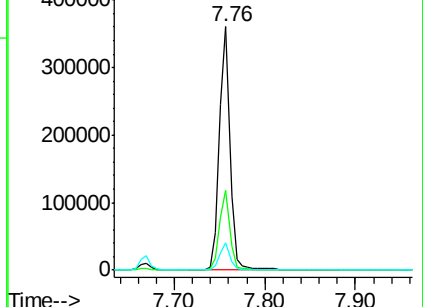
123 11.1 9.8 14.6

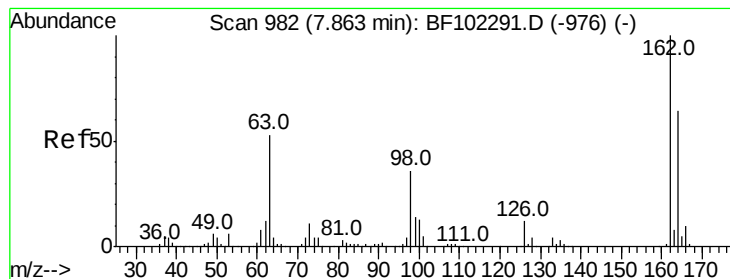


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 19.155 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampled :

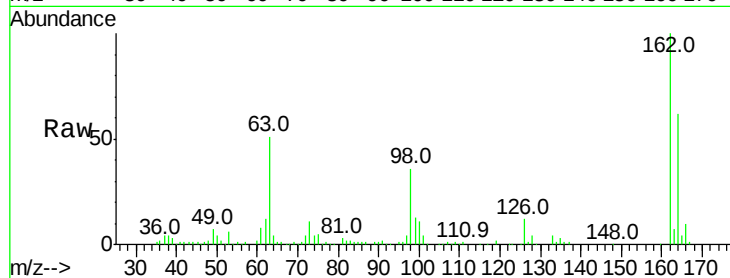
Tot Ion:162 Resp: 174979

Ion Ratio Lower Upper

162 100

164 62.2 42.7 82.7

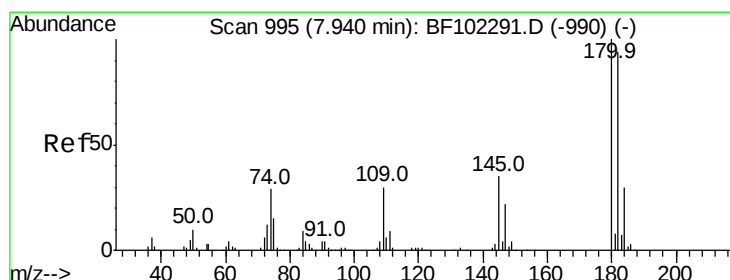
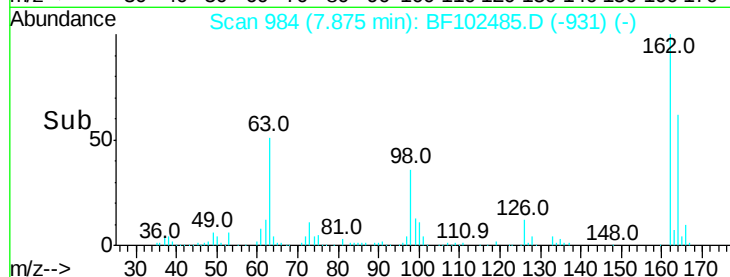
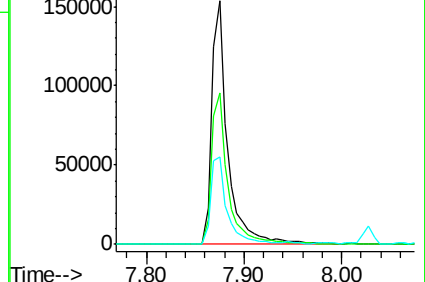
98 36.1 18.1 58.1



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: 18.911 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

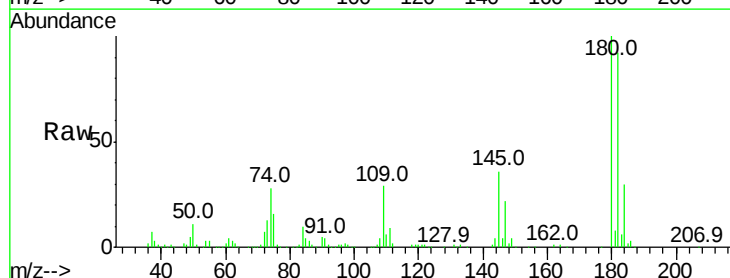
Tgt Ion:180 Resp: 185172

Ion Ratio Lower Upper

180 100

182 91.7 76.8 115.2

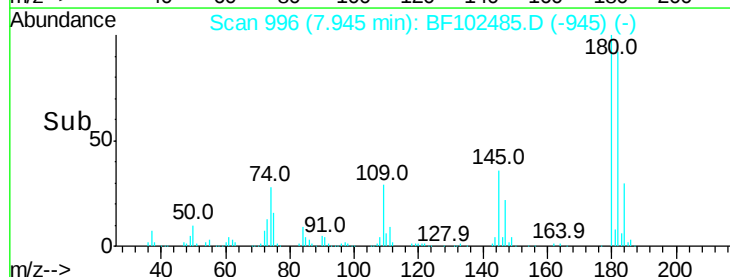
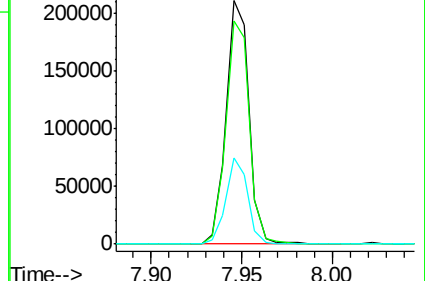
145 35.6 26.5 39.7

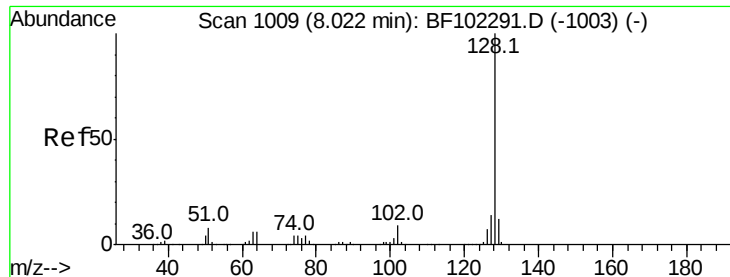


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

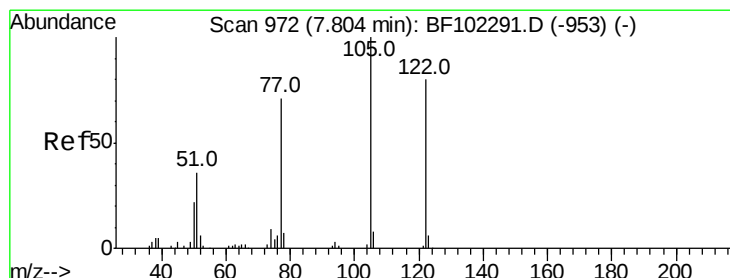
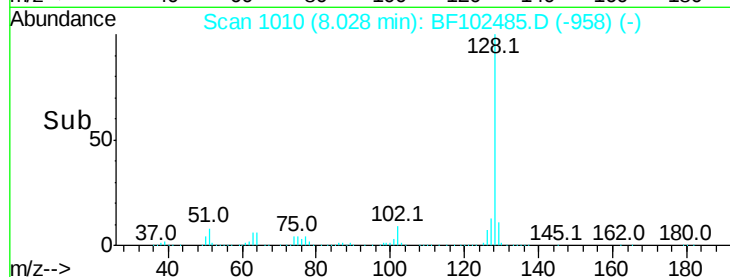
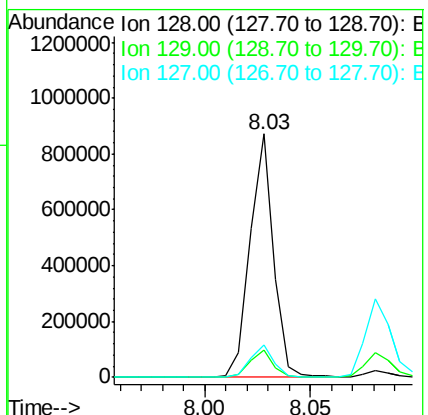
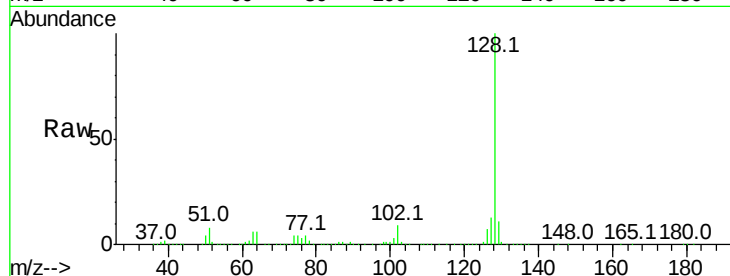




#31
Naphthalene
Concen: 20.488 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

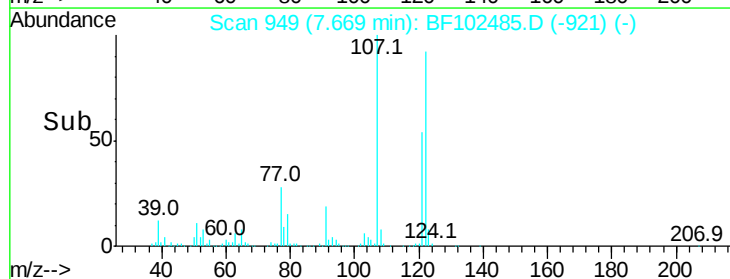
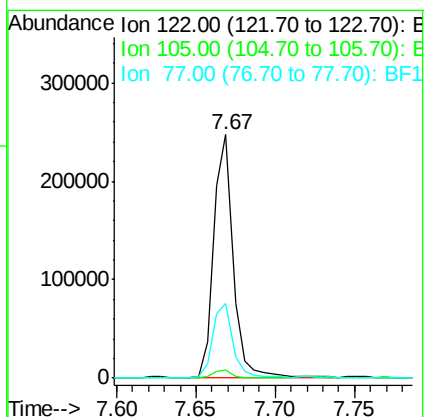
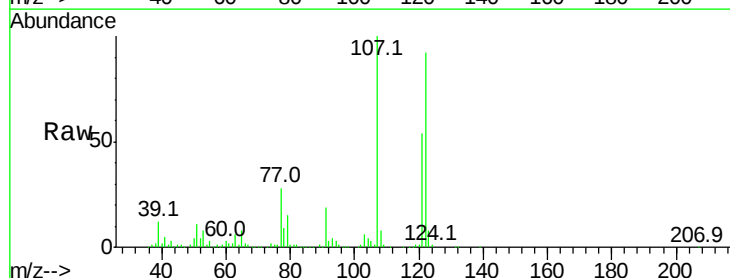
Instrument :
BNA_F
ClientSampleId :

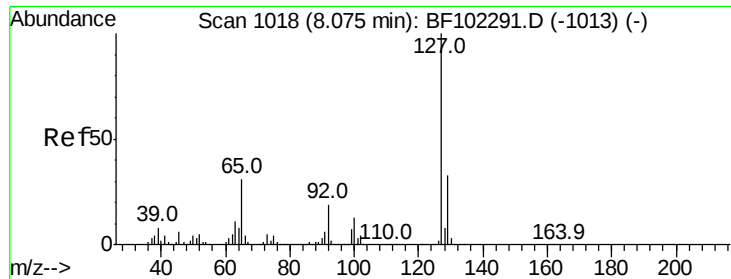
Tot Ion:128 Resp: 674049
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 28.413 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.14 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:122 Resp: 213477
Ion Ratio Lower Upper
122 100
105 3.4 101.1 141.1#
77 30.4 70.7 110.7#

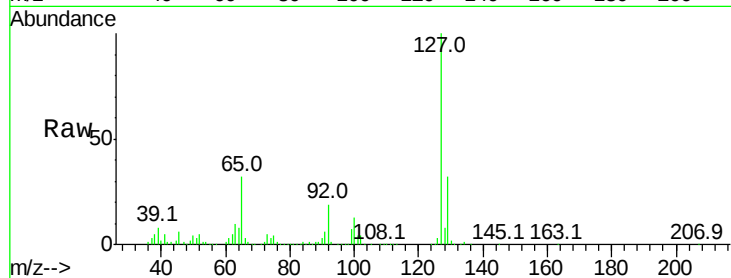




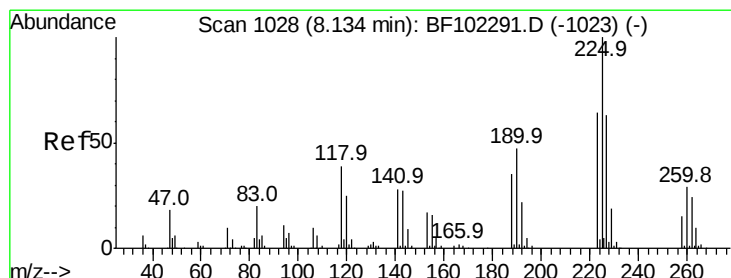
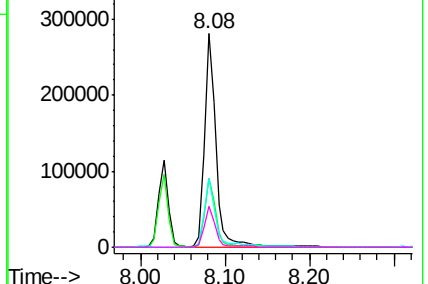
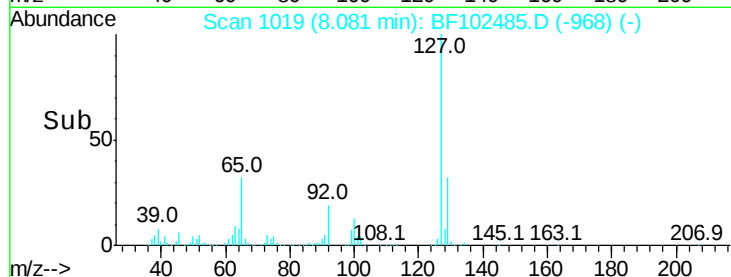
#33
4-Chloroaniline
Concen: 18.815 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 260299
Ion Ratio Lower Upper
127 100
129 32.3 25.9 38.9
65 32.3 25.0 37.4
92 19.0 15.2 22.8

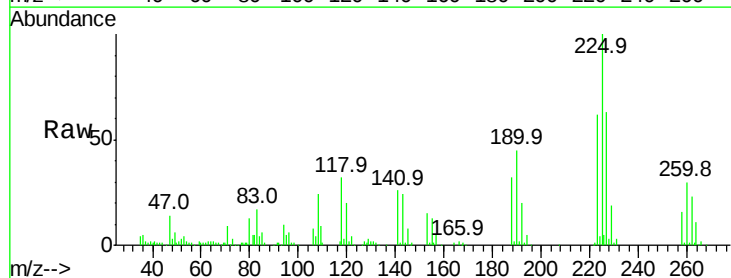


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

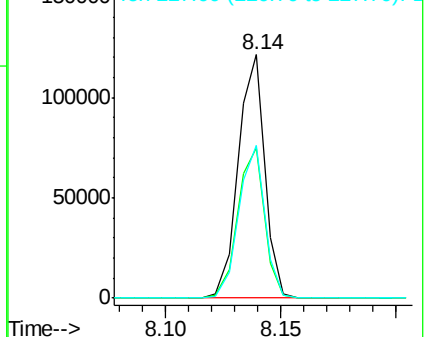
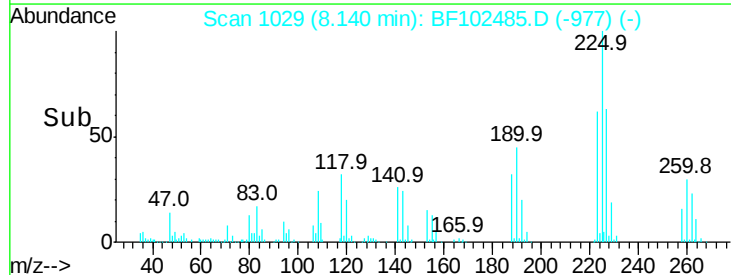


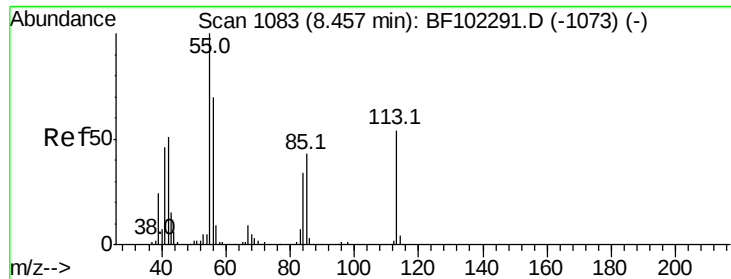
#34
Hexachlorobutadiene
Concen: 18.538 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:225 Resp: 96952
Ion Ratio Lower Upper
225 100
223 61.9 50.6 76.0
227 62.6 51.9 77.9



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





#35

Caprolactam

Concen: 18.836 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampled :

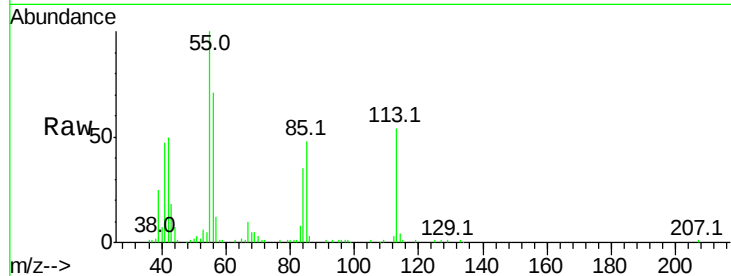
Tot Ion:113 Resp: 56825

Ion Ratio Lower Upper

113 100

55 184.3 163.3 203.3

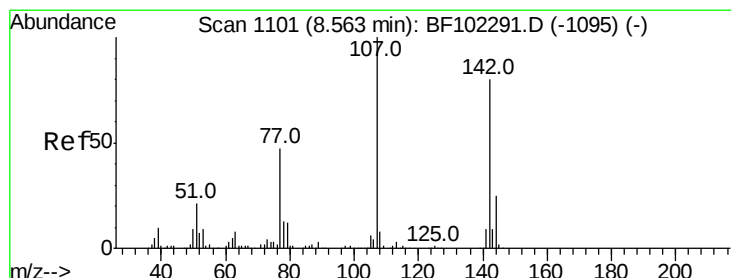
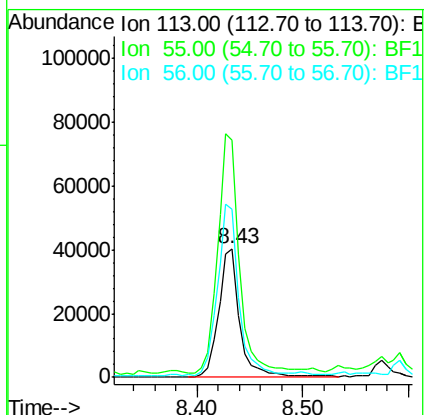
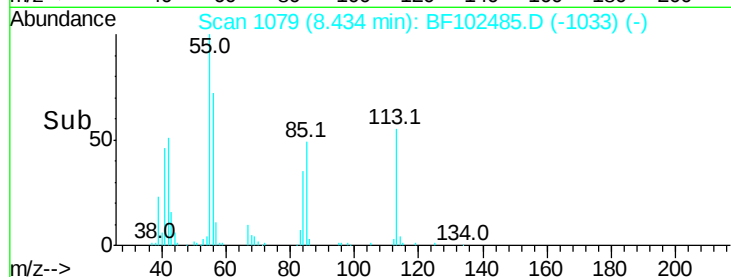
56 131.1 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 20.359 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

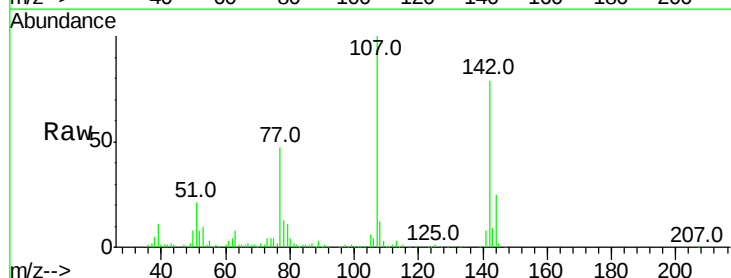
Tgt Ion:107 Resp: 196027

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

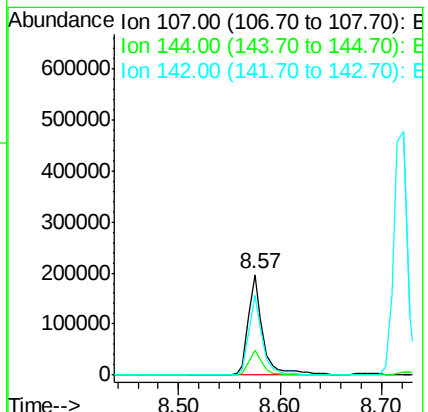
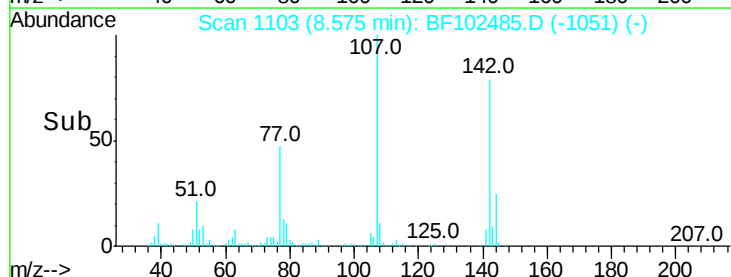
142 78.8 62.0 93.0

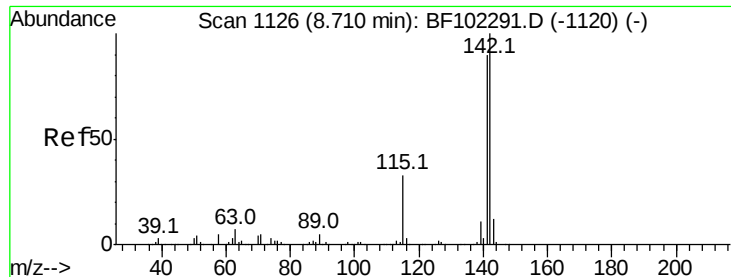


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

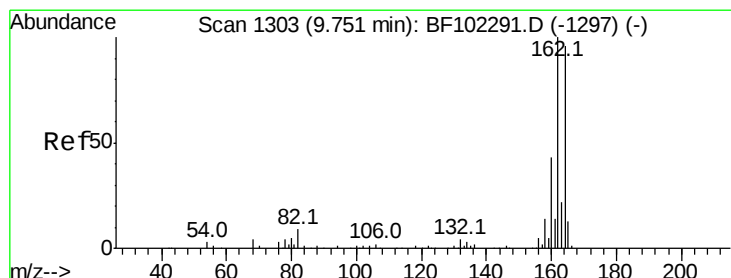
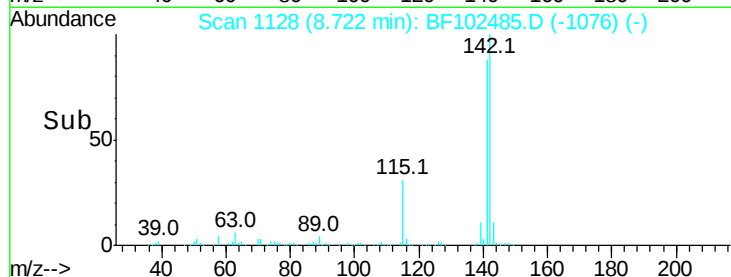
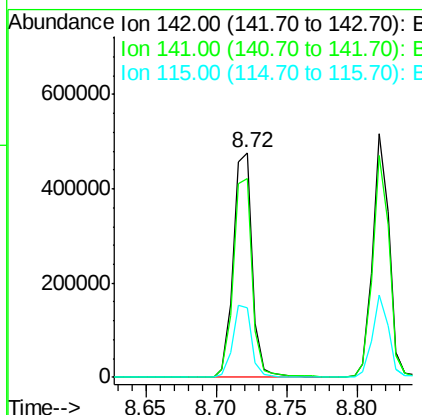
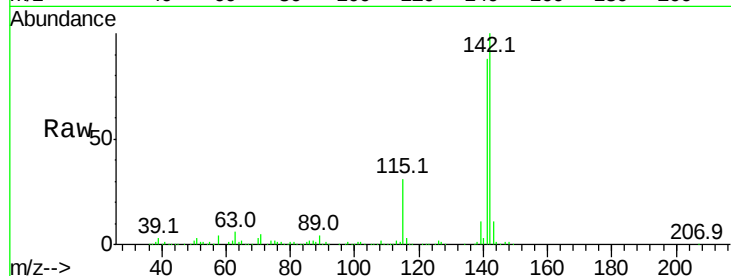




#37
2-Methylnaphthalene
Concen: 20.341 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

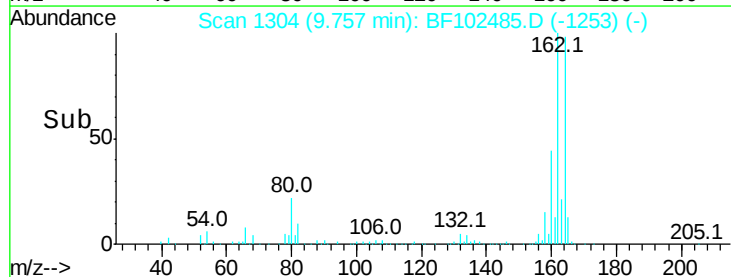
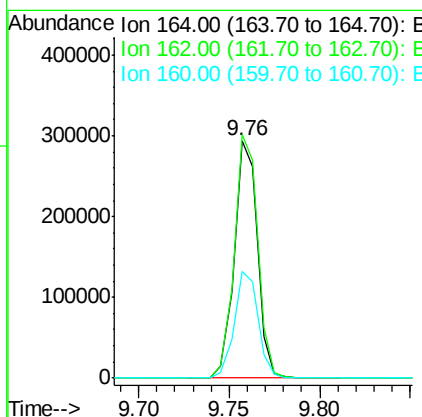
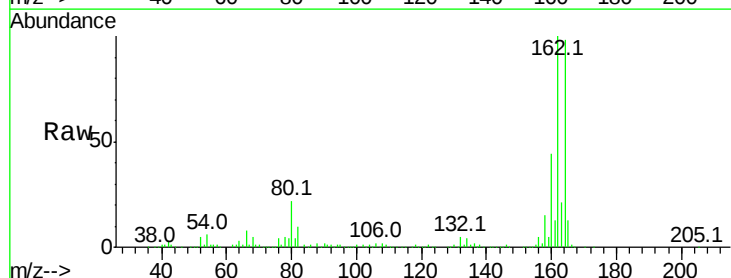
Instrument :
BNA_F
ClientSampleId :

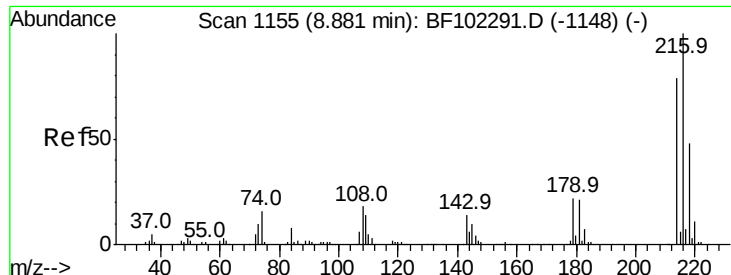
Tot Ion:142 Resp: 445680
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 30.7 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:164 Resp: 260657
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 45.1 38.3 57.5

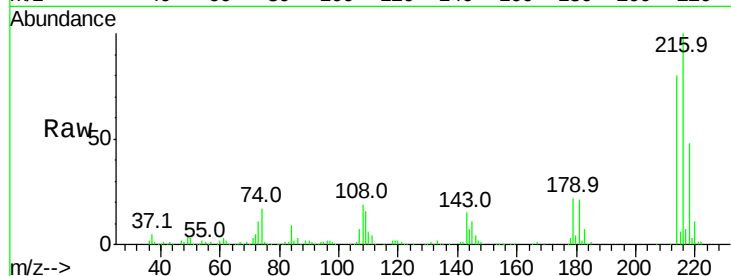




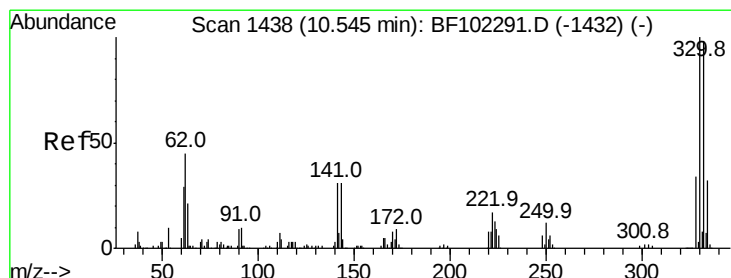
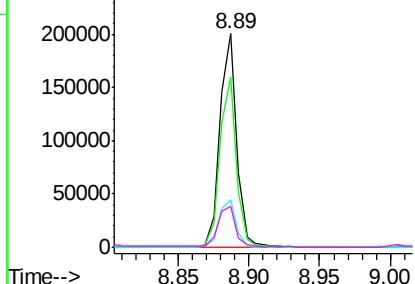
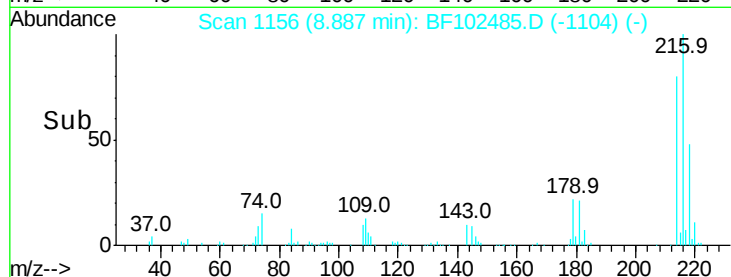
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.972 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF102485.D
 Acq: 26 Jan 2018 22:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	164467
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.6	18.1	27.1
108	20.1	17.2	25.8

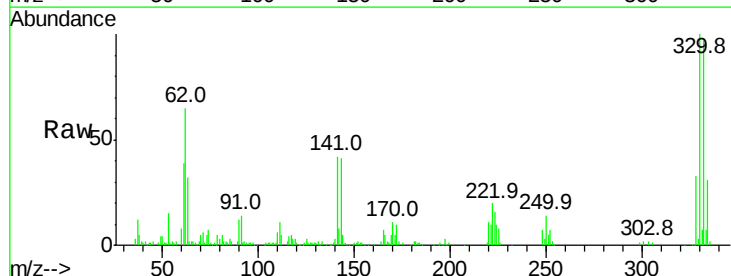


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

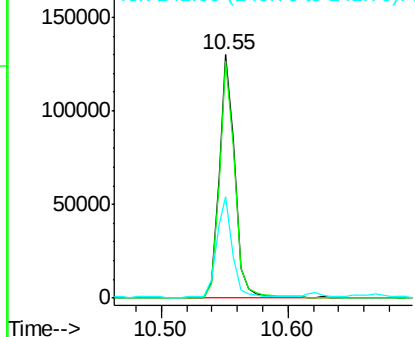
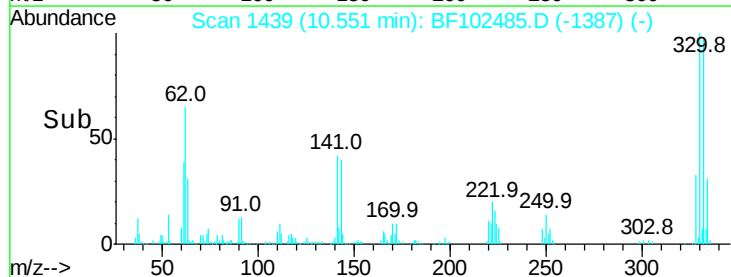


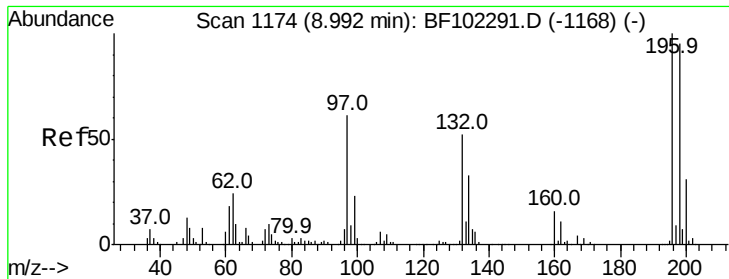
#41
 2,4,6-Tribromophenol
 Concen: 43.736 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102485.D
 Acq: 26 Jan 2018 22:43

Tgt Ion:	330	Resp:	112959
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	41.9	29.9	44.9



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





#42

2,4,6-Trichlorophenol

Concen: 17.466 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

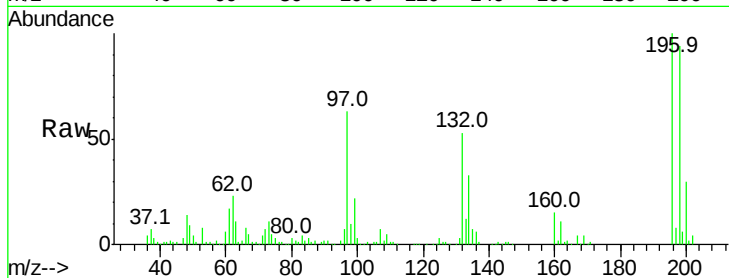
Tot Ion:196 Resp: 91692

Ion Ratio Lower Upper

196 100

198 94.0 75.7 113.5

200 29.7 24.5 36.7

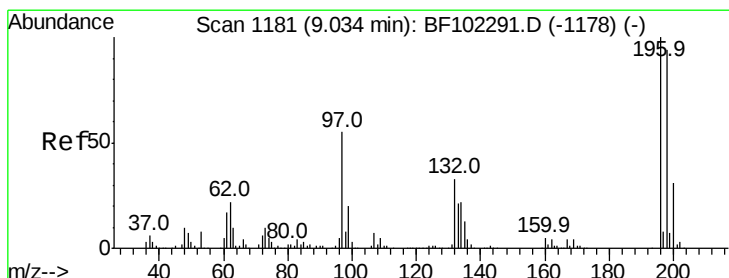
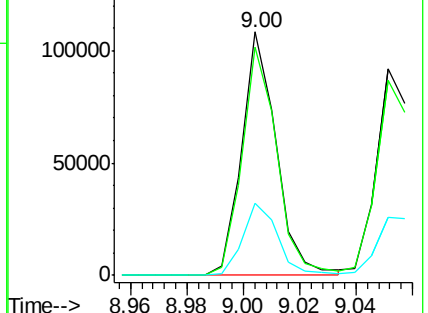
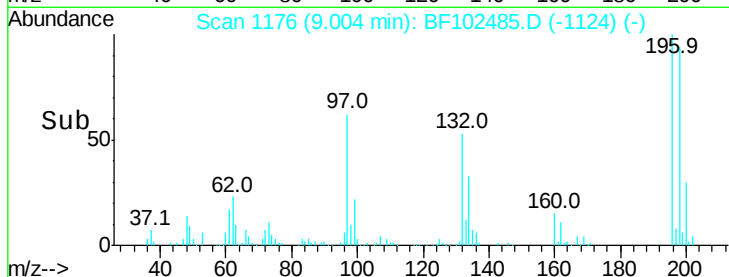


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 16.263 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Tgt Ion:196 Resp: 96126

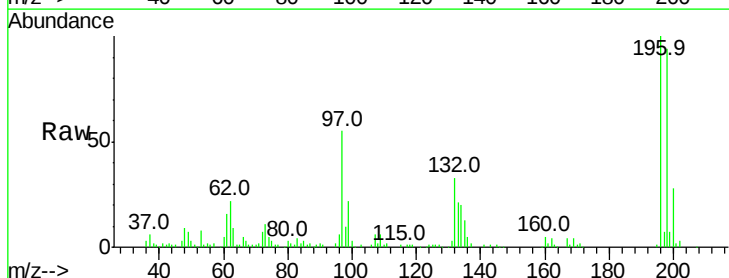
Ion Ratio Lower Upper

196 100

198 94.3 74.6 112.0

97 55.2 42.9 64.3

132 32.7 26.3 39.5



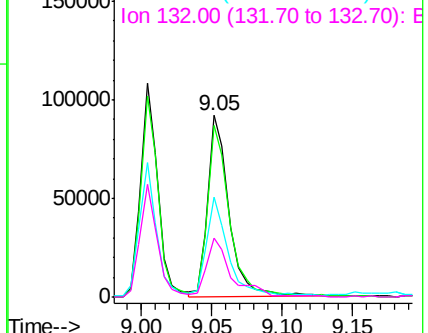
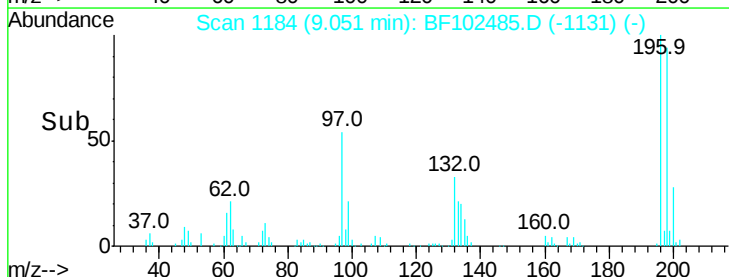
Abundance

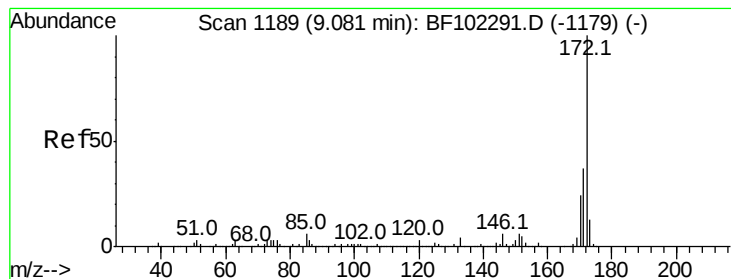
Ion 196.00 (195.70 to 196.70): E

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: 49.187 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampled :

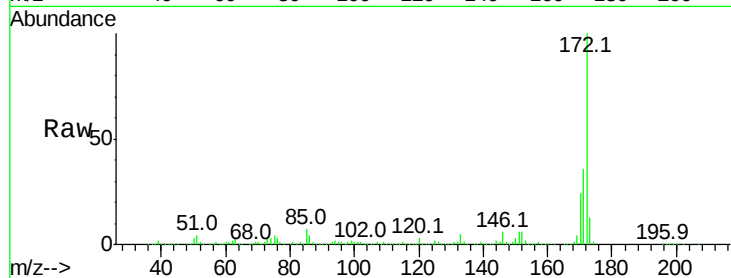
Tot Ion:172 Resp: 871969

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

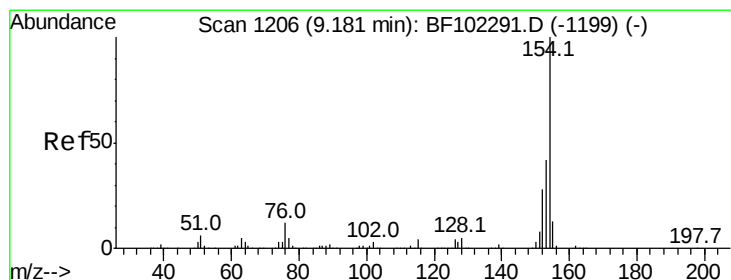
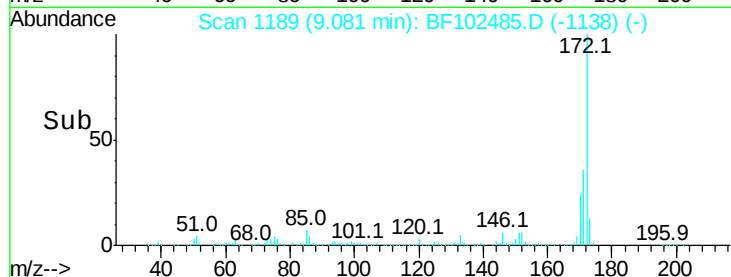
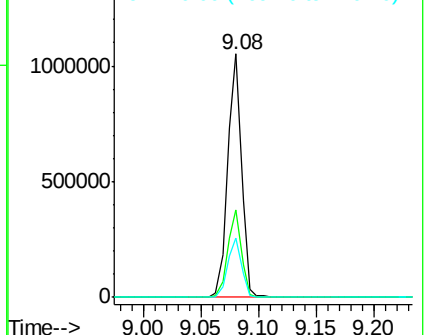
170 24.1 19.6 29.4



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: 21.454 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

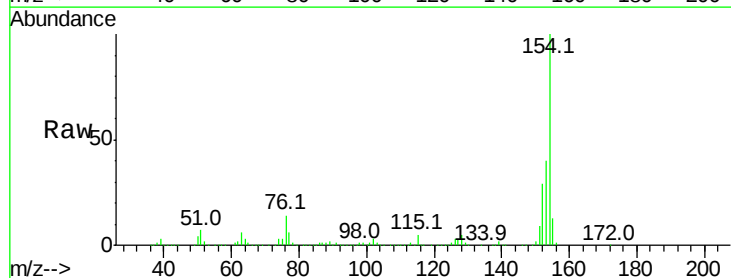
Tgt Ion:154 Resp: 500033

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

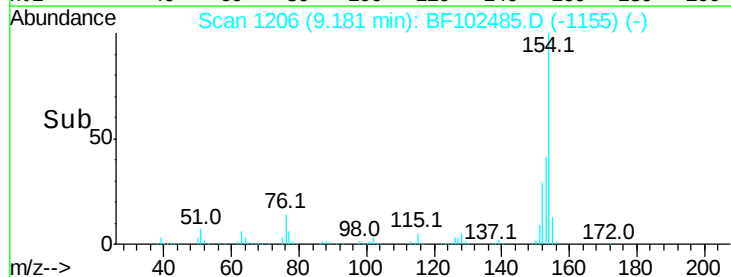
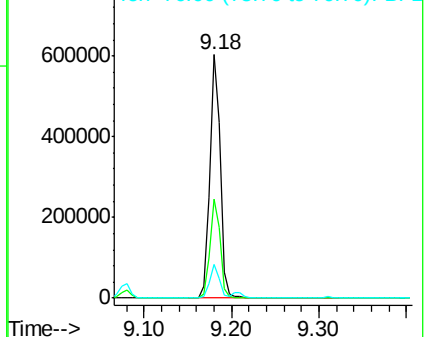
76 13.7 0.0 34.0

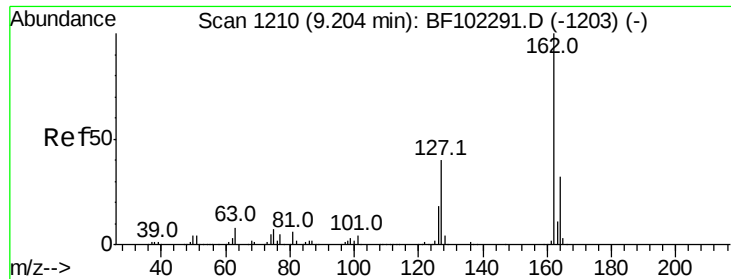


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

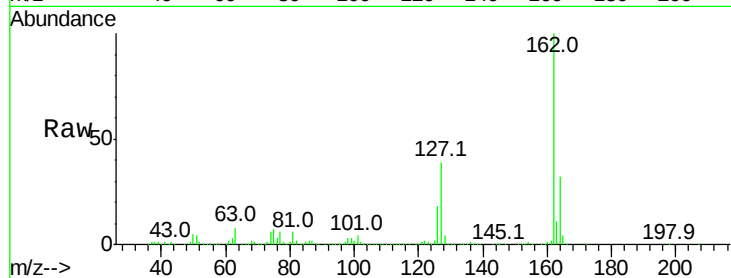




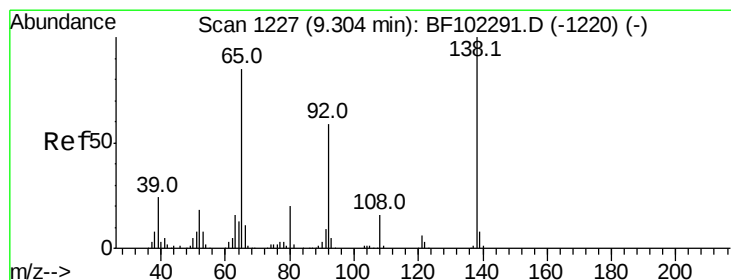
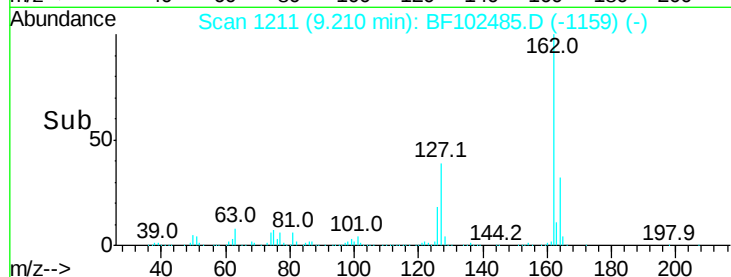
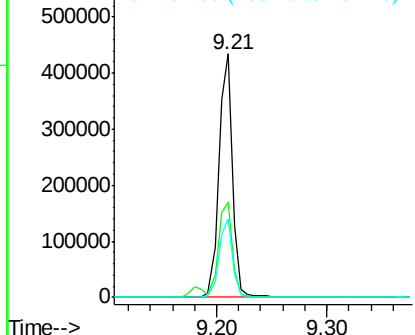
#46
2-Chloronaphthalene
Concen: 20.463 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	32.1	26.5	39.7

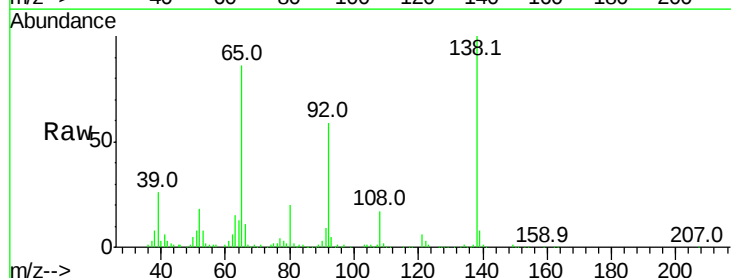


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

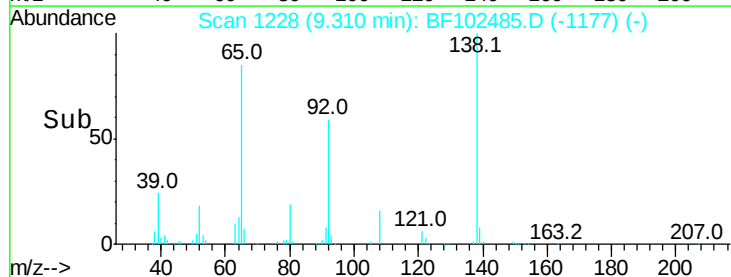
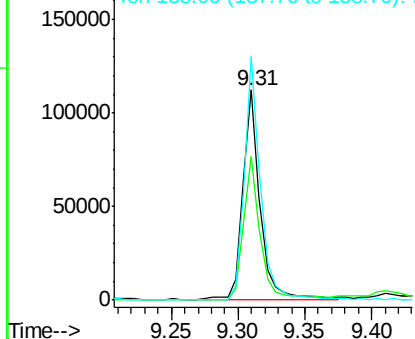


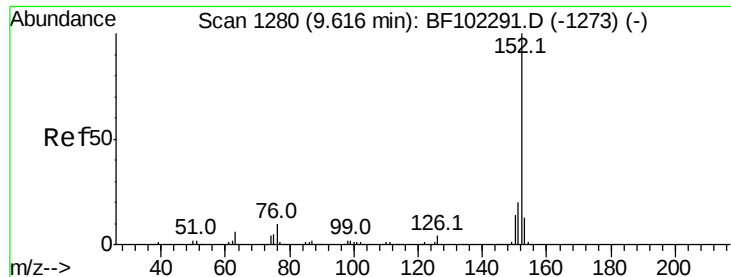
#47
2-Nitroaniline
Concen: 18.139 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.8	83.6
138	116.1	91.2	136.8



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





#48

Acenaphthylene

Concen: 20.031 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

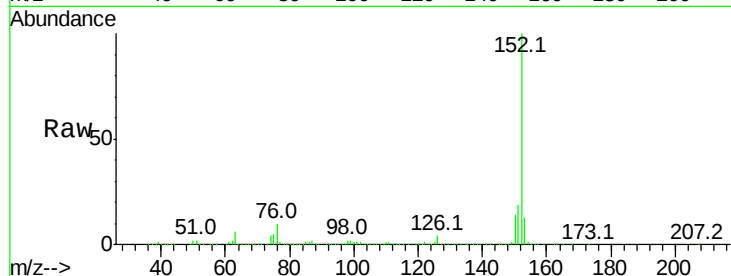
Tot Ion:152 Resp: 565365

Ion Ratio Lower Upper

152 100

151 19.5 16.3 24.5

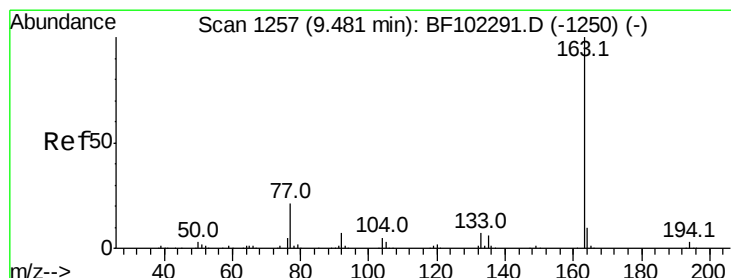
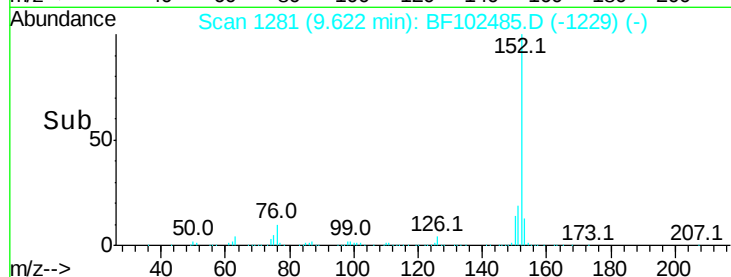
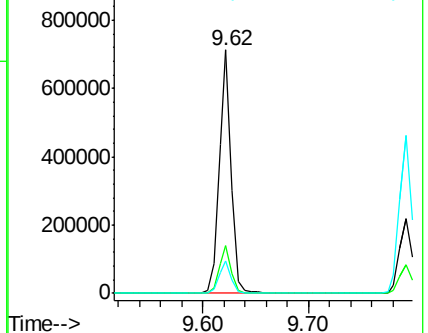
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 25.646 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

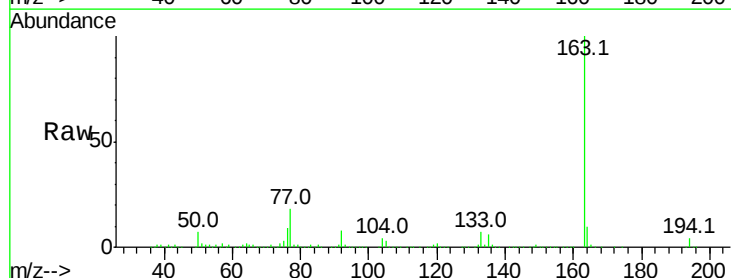
Tgt Ion:163 Resp: 552535

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

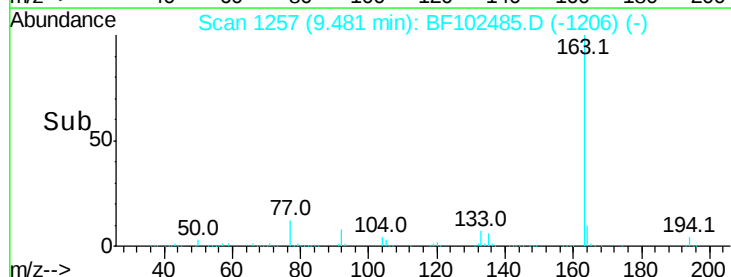
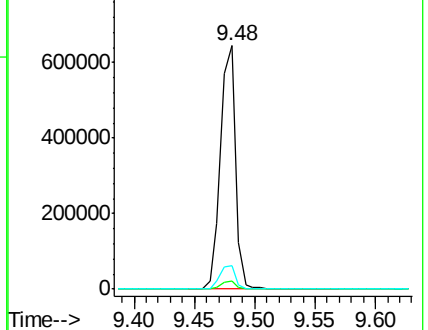
164 9.9 8.2 12.2

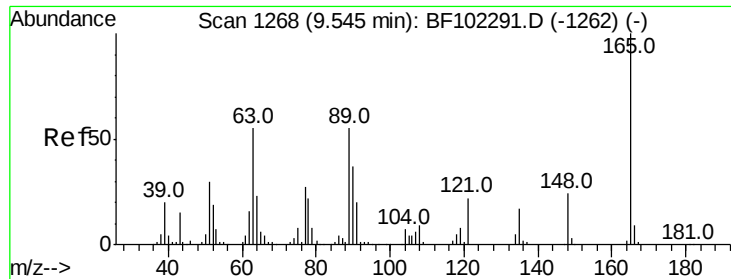


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

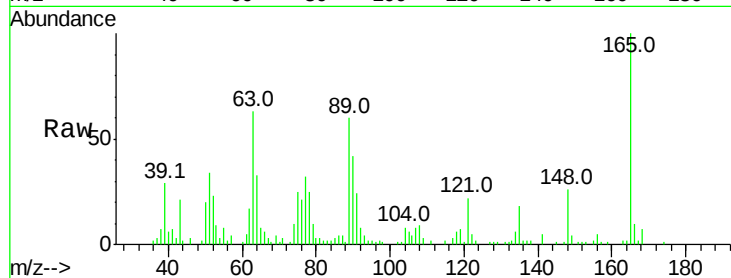




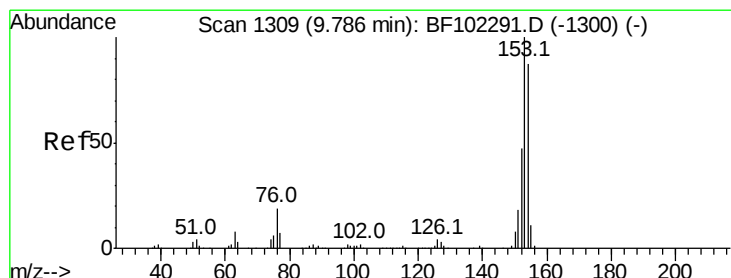
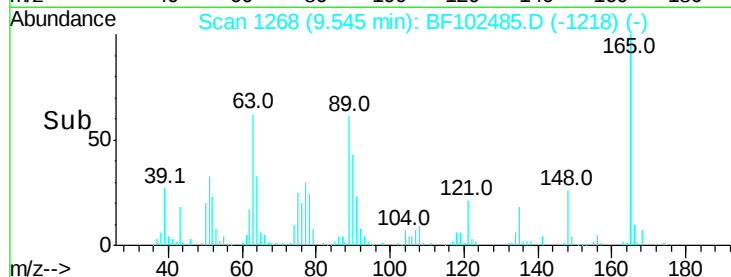
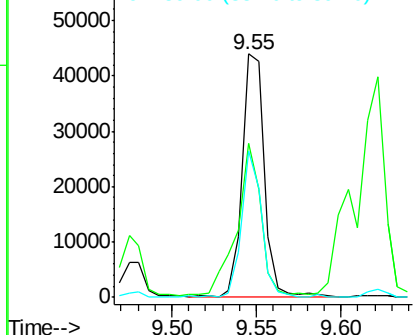
#50
2,6-Dinitrotoluene
Concen: 8.749 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 40638
Ion Ratio Lower Upper
165 100
63 63.1 44.7 67.1
89 60.2 44.0 66.0

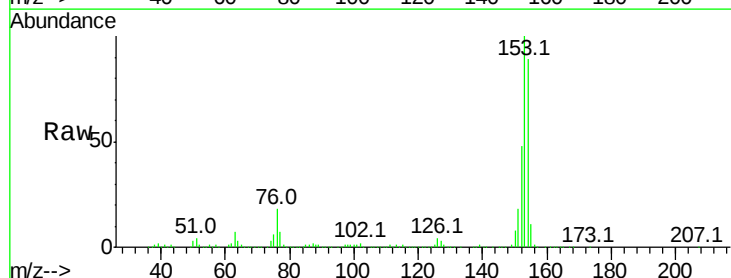


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

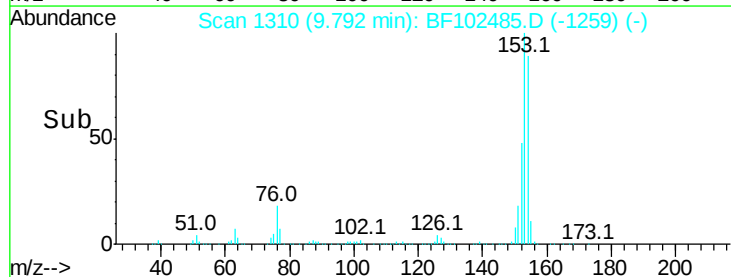
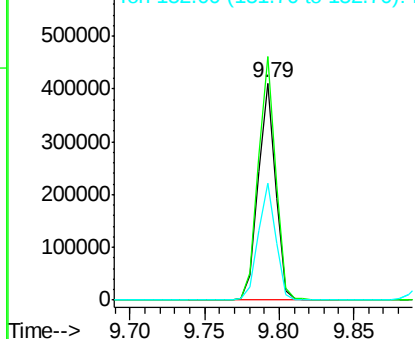


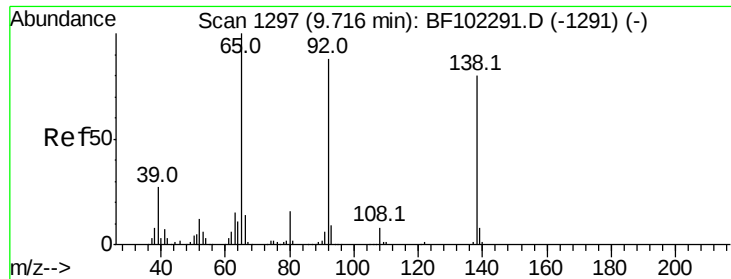
#51
Acenaphthene
Concen: 19.826 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:154 Resp: 326804
Ion Ratio Lower Upper
154 100
153 112.1 91.2 136.8
152 53.7 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: 19.137 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

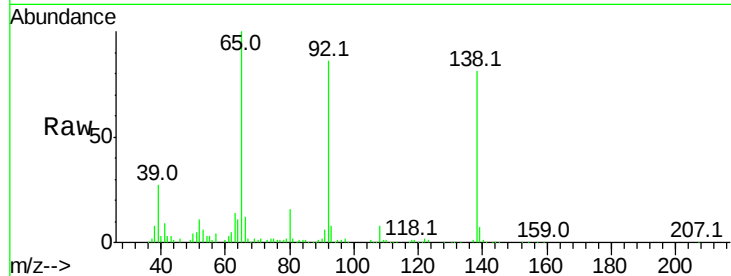
Tot Ion:138 Resp: 105160

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

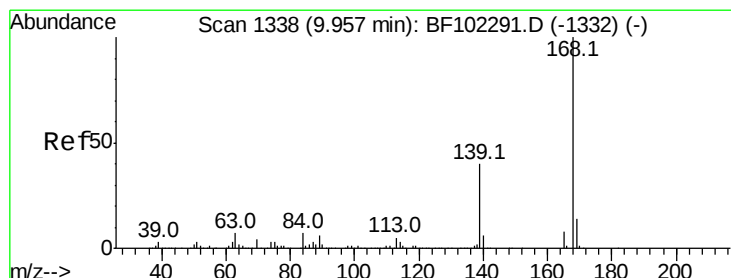
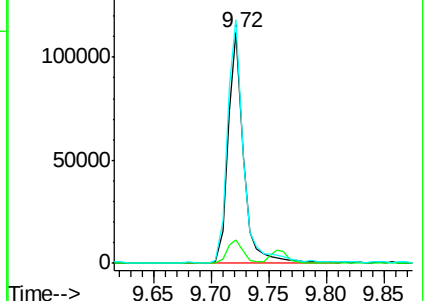
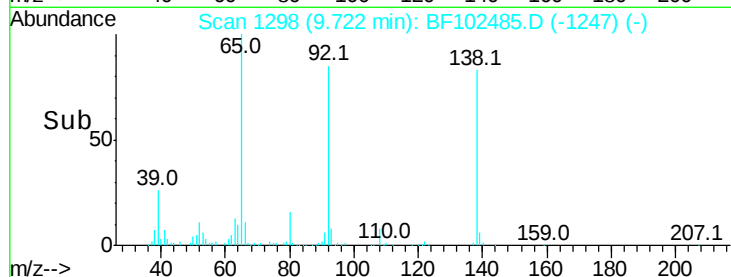
92 105.6 89.4 134.2



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



#54

Dibenzofuran

Concen: 21.603 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

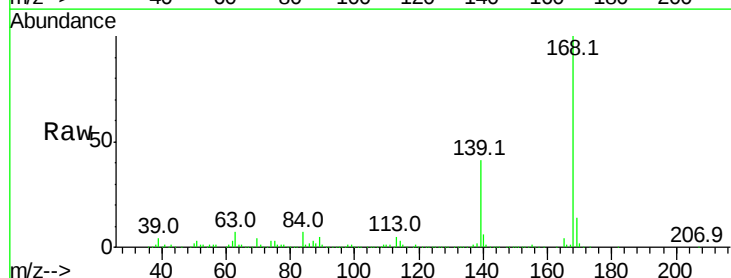
Tgt Ion:168 Resp: 481939

Ion Ratio Lower Upper

168 100

139 40.5 30.1 45.1

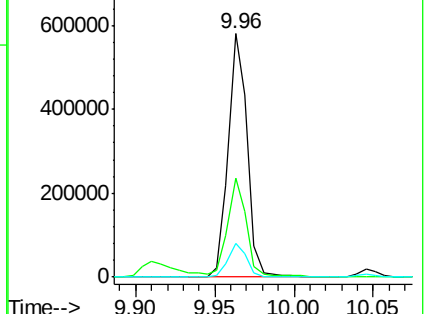
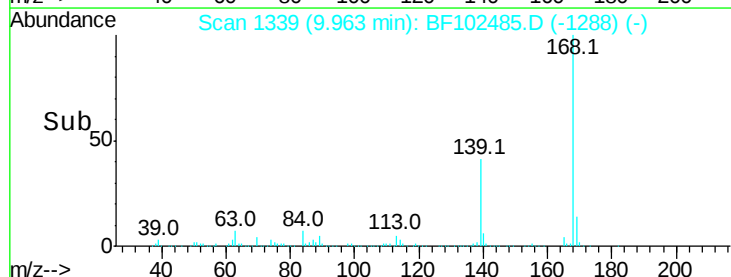
169 13.8 10.9 16.3

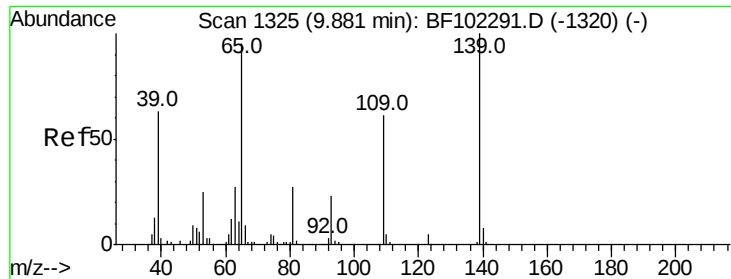


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 16.067 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

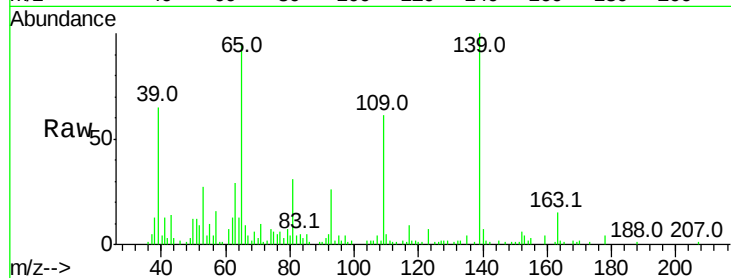
Tot Ion:139 Resp: 58279

Ion Ratio Lower Upper

139 100

109 60.7 48.4 88.4

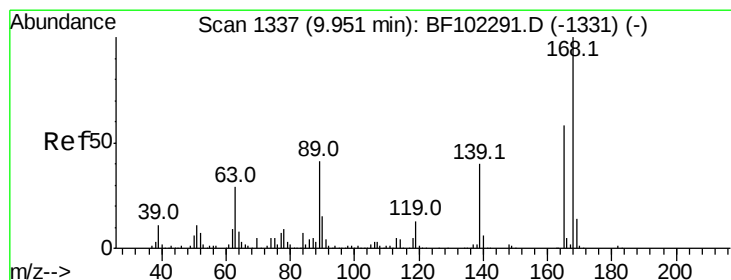
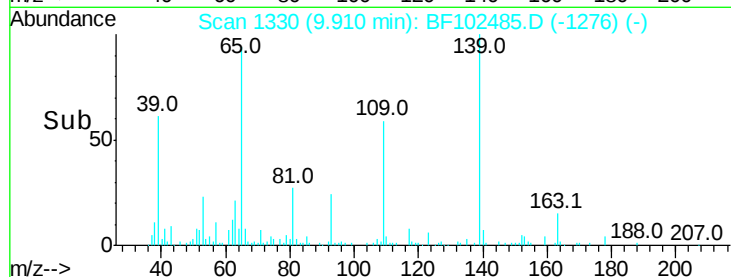
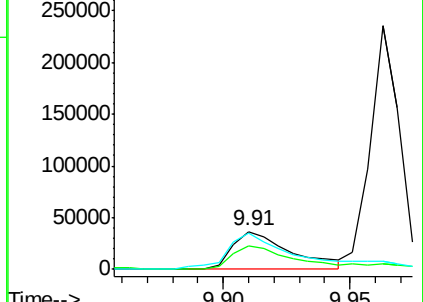
65 95.4 72.6 112.6



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: 6.963 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Tgt Ion:165 Resp: 39773

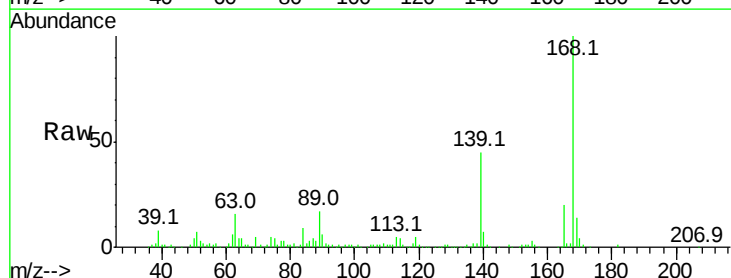
Ion Ratio Lower Upper

165 100

63 79.1 36.4 54.6#

89 84.8 57.8 86.6

182 2.9 1.6 2.4#

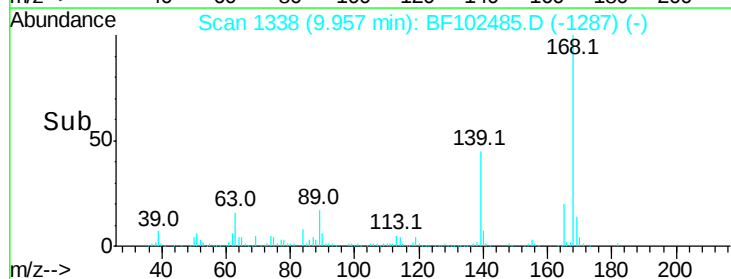
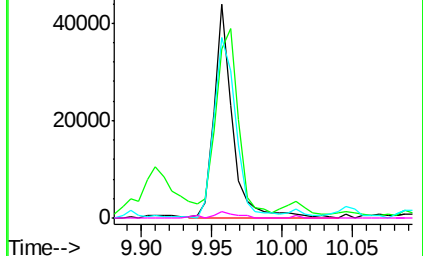


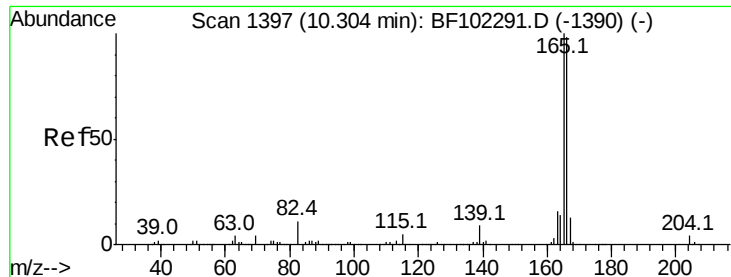
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.751 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampled :

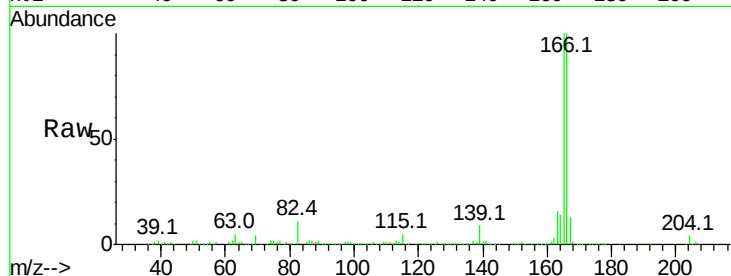
Tot Ion:166 Resp: 366829

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

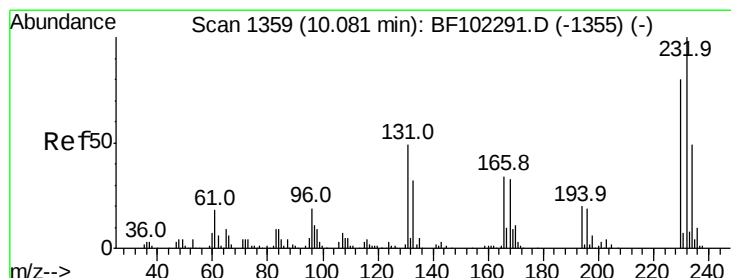
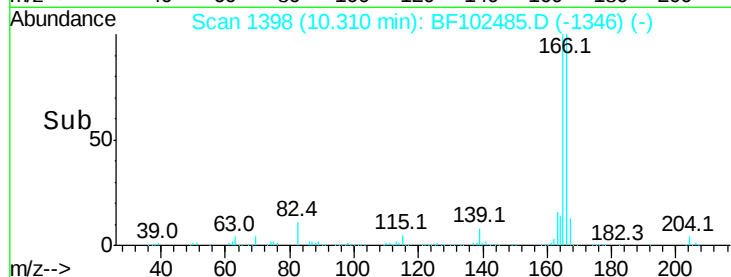
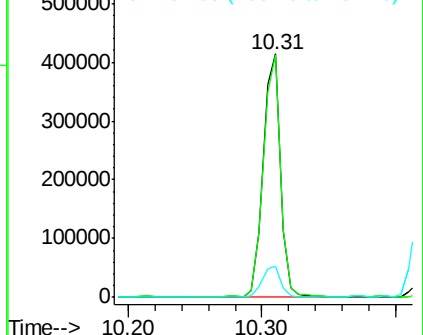
167 12.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 15.857 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Tgt Ion:232 Resp: 66921

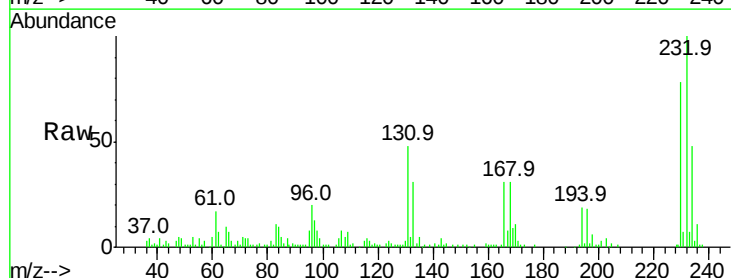
Ion Ratio Lower Upper

232 100

131 54.0 43.8 65.8

130 3.4 2.1 3.1#

166 34.0 27.8 41.6

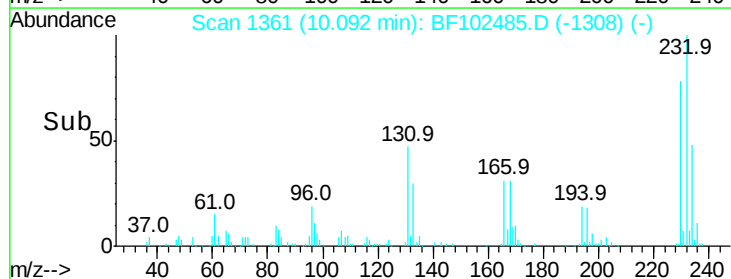
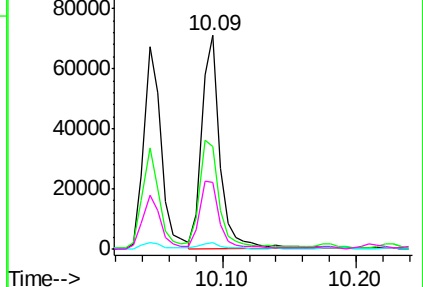


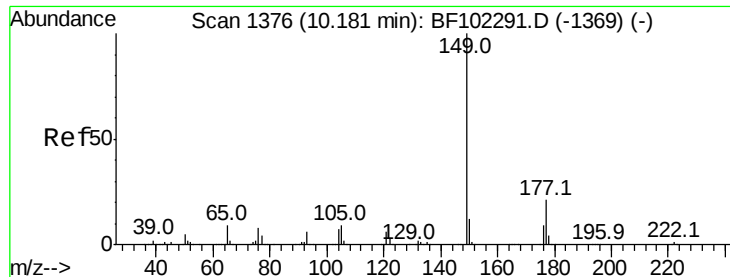
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

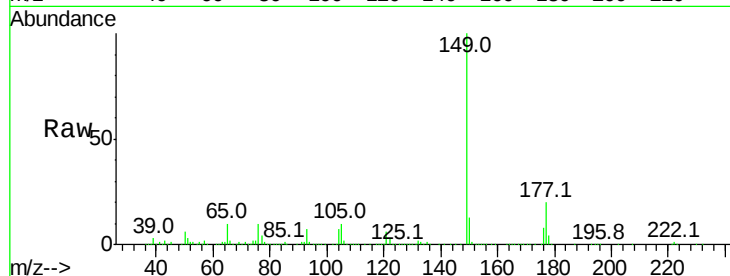




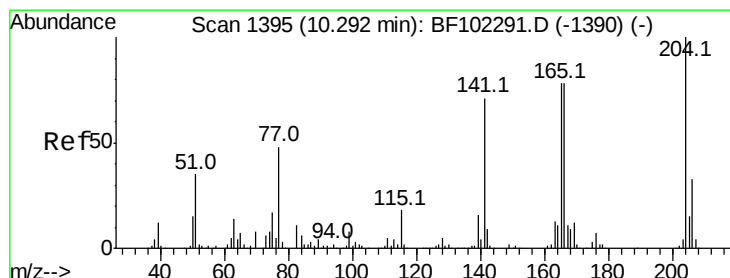
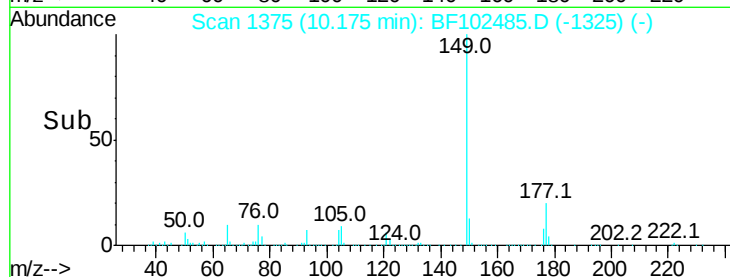
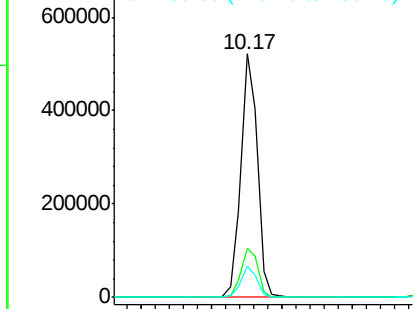
#59
Diethylphthalate
Concen: 20.337 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 425791
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.7 10.1 15.1

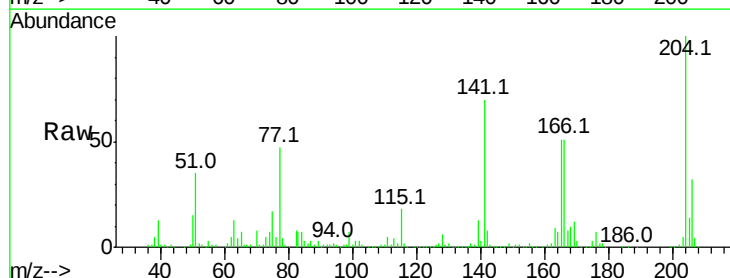


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

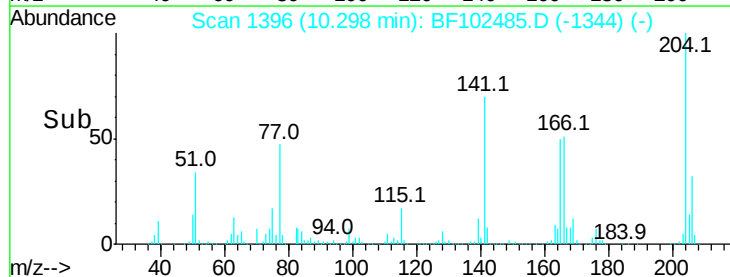
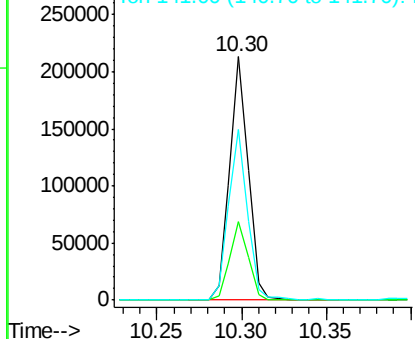


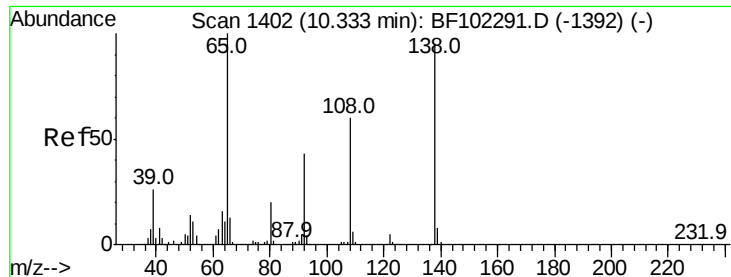
#60
4-Chlorophenyl-phenylether
Concen: 21.270 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:204 Resp: 163016
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 70.1 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

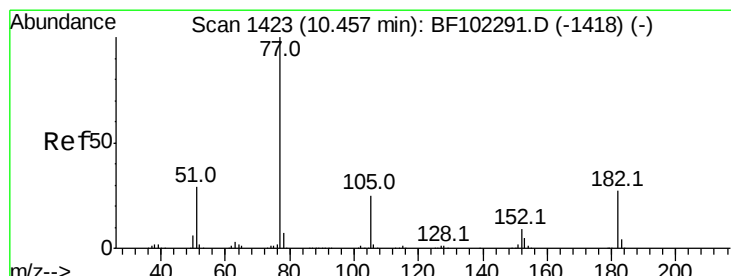
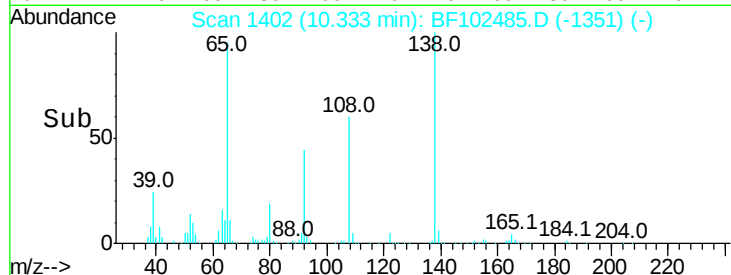
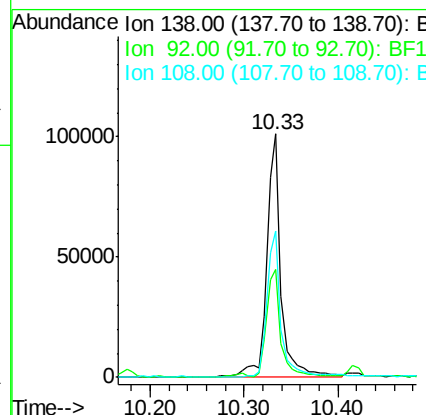
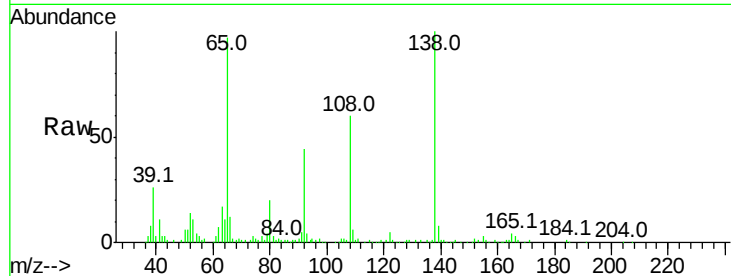




#61
4-Nitroaniline
Concen: 19.429 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

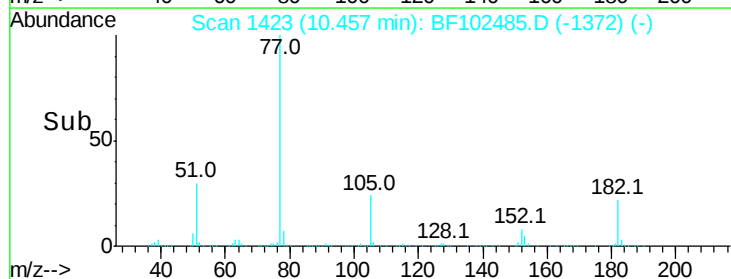
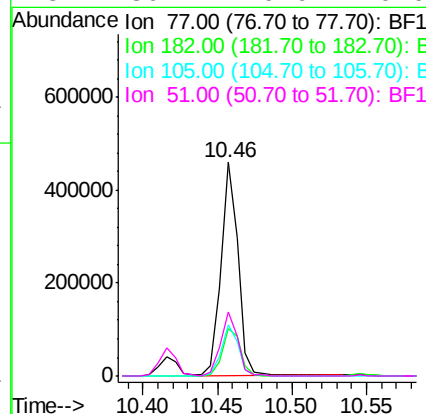
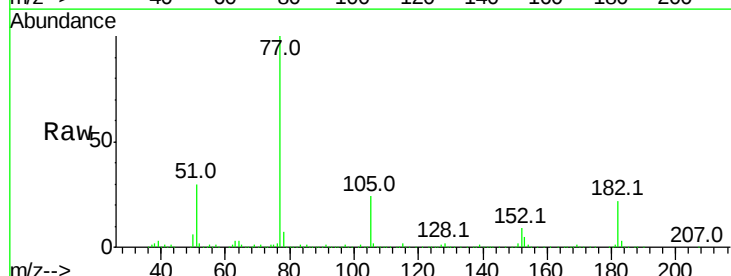
Instrument :
BNA_F
ClientSampleId :

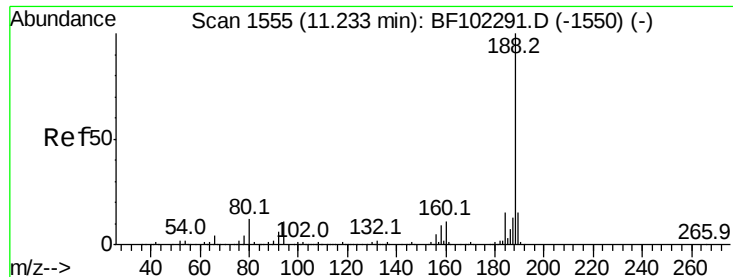
Tot Ion:138 Resp: 106537
Ion Ratio Lower Upper
138 100
92 44.3 30.2 70.2
108 60.3 52.5 92.5



#62
Azobenzene
Concen: 18.932 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion: 77 Resp: 362890
Ion Ratio Lower Upper
77 100
182 22.3 1.7 41.7
105 23.7 3.0 43.0
51 30.1 9.9 49.9

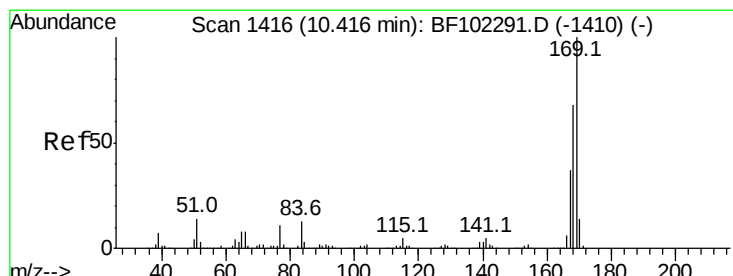
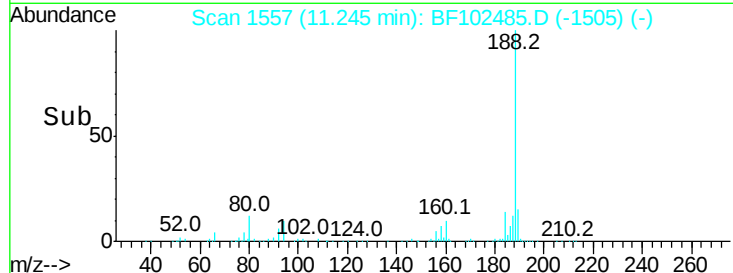
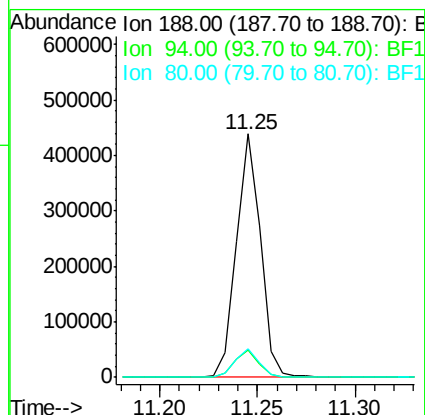
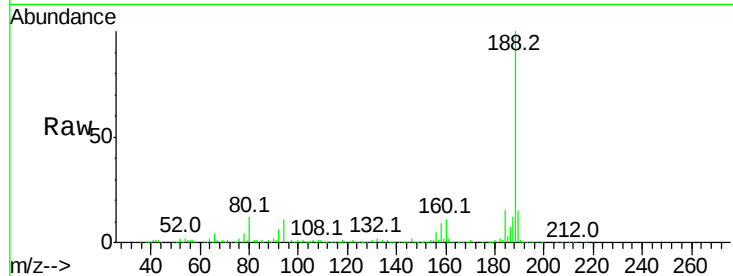




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

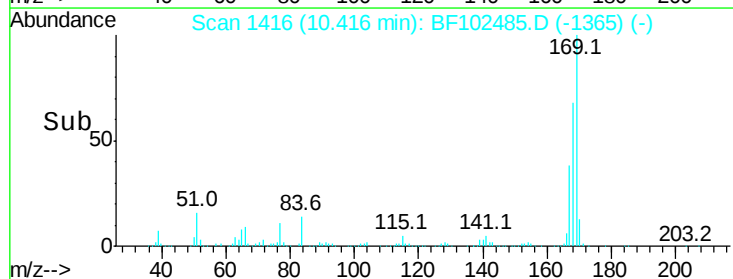
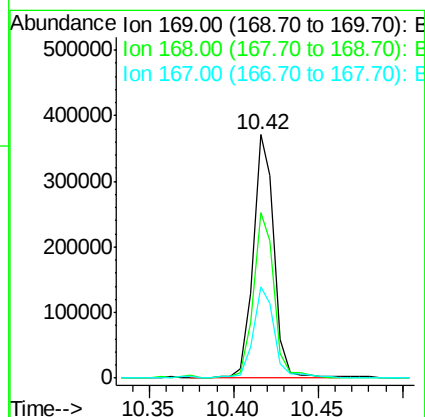
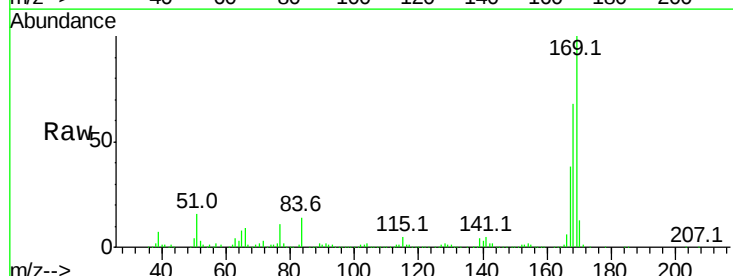
Instrument :
BNA_F
ClientSampled :

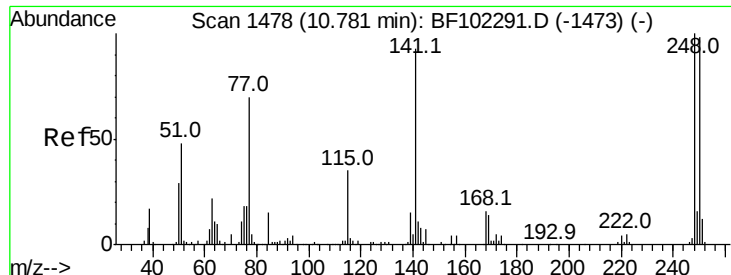
Tot Ion:188 Resp: 377190
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 23.118 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:169 Resp: 320053
Ion Ratio Lower Upper
169 100
168 67.9 54.4 81.6
167 37.7 29.8 44.6

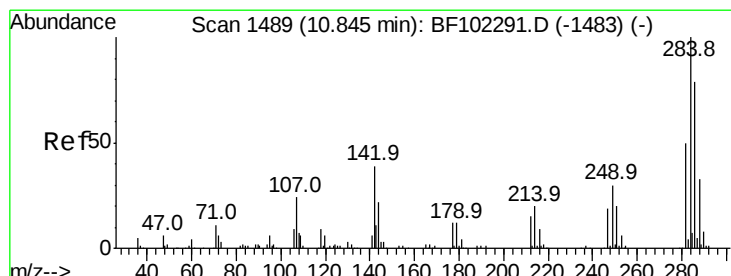
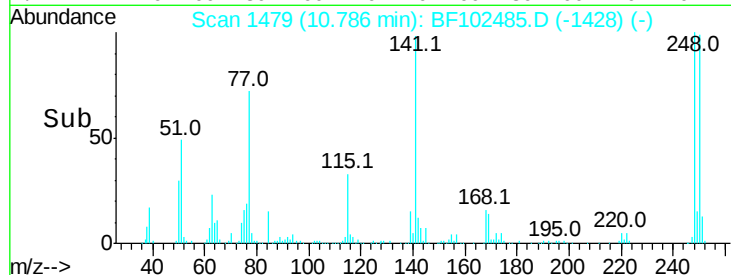
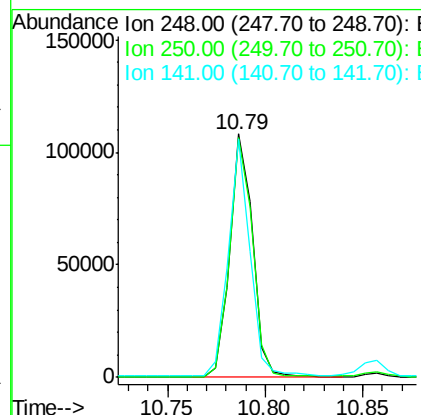
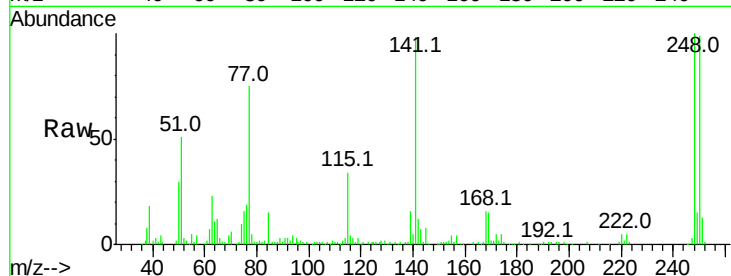




#66
 4-Bromophenyl-phenylether
 Concen: 21.787 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF102485.D
 Acq: 26 Jan 2018 22:43

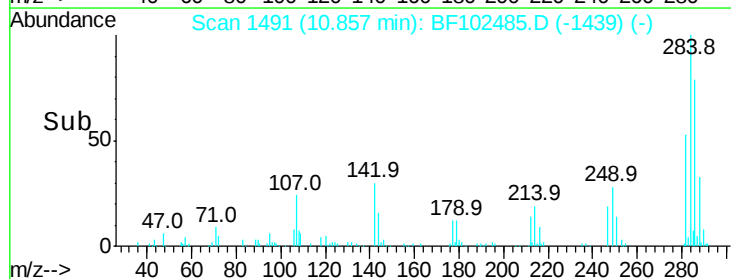
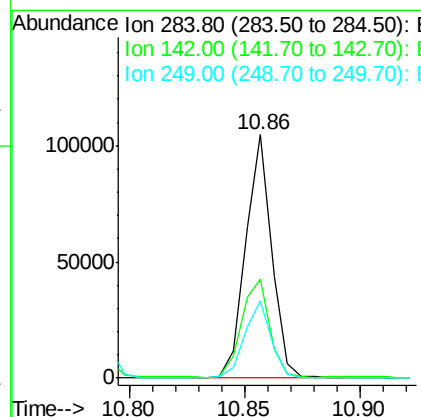
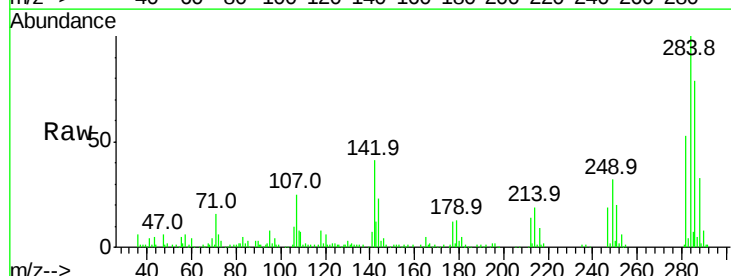
Instrument :
 BNA_F
 ClientSampleID :

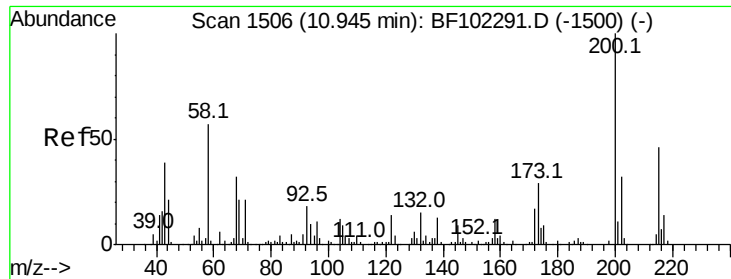
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.9	115.3
141	98.2	74.4	111.6



#67
 Hexachlorobenzene
 Concen: 18.187 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BF102485.D
 Acq: 26 Jan 2018 22:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.7	34.6	52.0
249	31.6	24.8	37.2

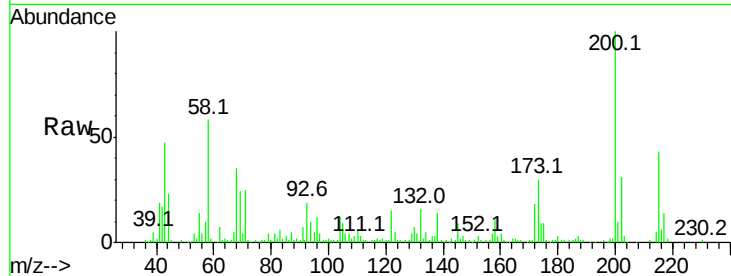




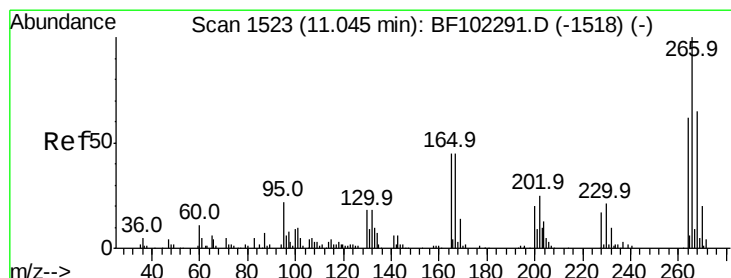
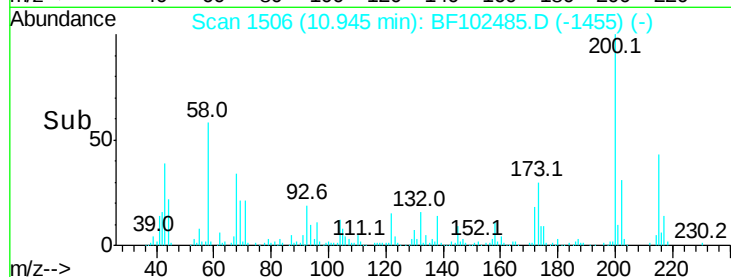
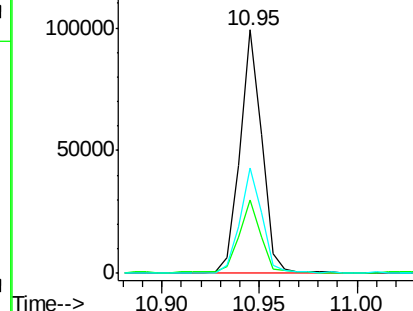
#68
Atrazine
Concen: 18.854 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 77092
Ion Ratio Lower Upper
200 100
173 30.3 8.6 48.6
215 43.2 25.1 65.1

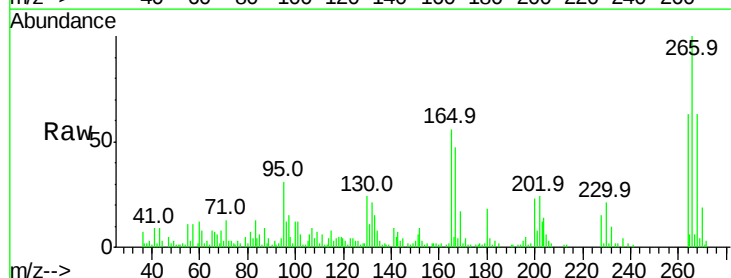


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

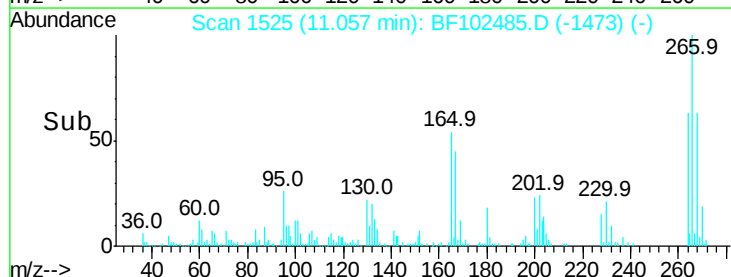
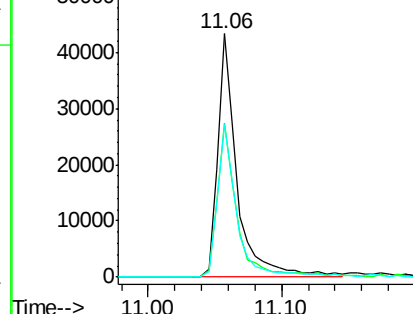


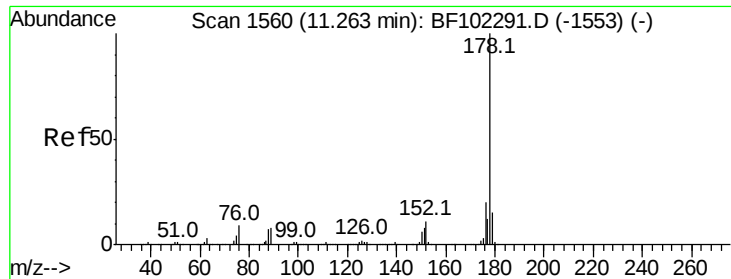
#69
Pentachlorophenol
Concen: 18.573 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:266 Resp: 44307
Ion Ratio Lower Upper
266 100
268 63.1 51.1 76.7
264 62.7 49.5 74.3



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

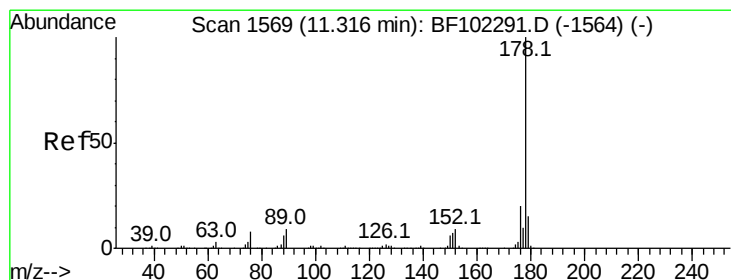
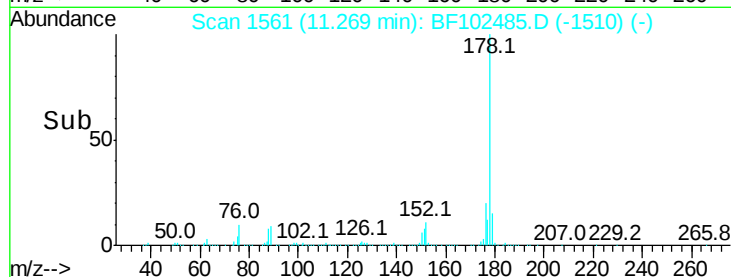
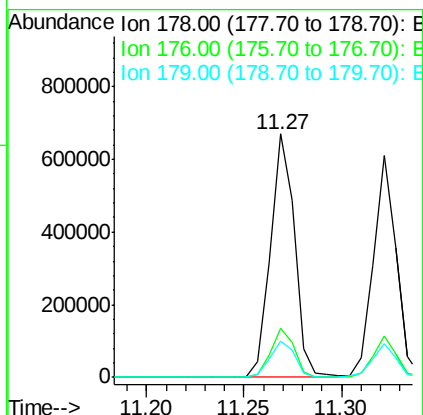
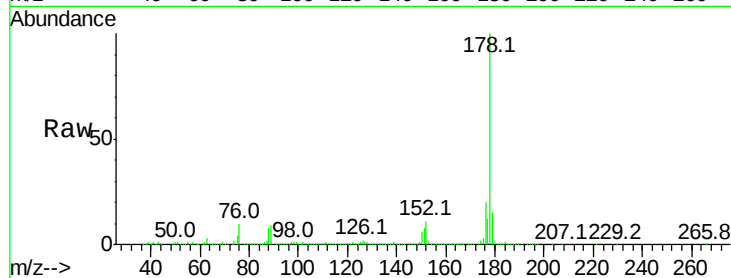




#70
Phenanthrene
Concen: 26.025 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

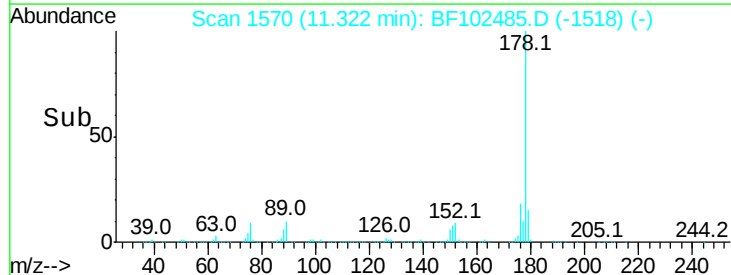
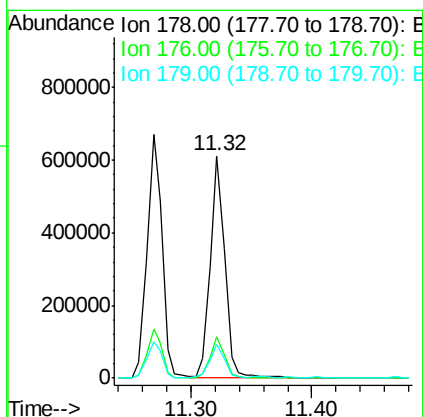
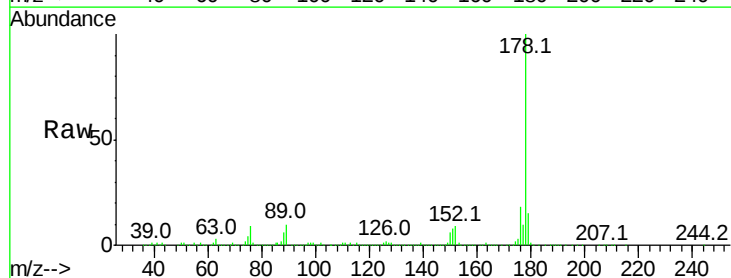
Instrument :
BNA_F
ClientSampleId :

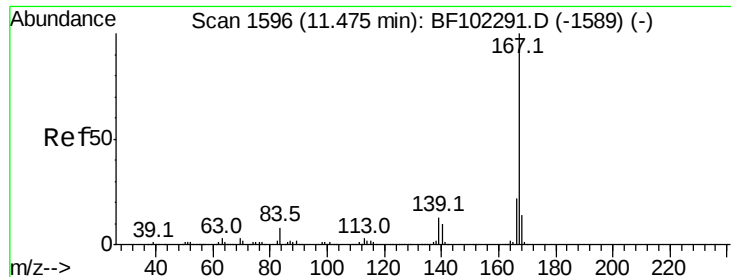
Tot Ion:178 Resp: 572026
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.1 13.0 19.6



#71
Anthracene
Concen: 22.587 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:178 Resp: 506725
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.2 12.6 19.0





#72

Carbazole

Concen: 20.426 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

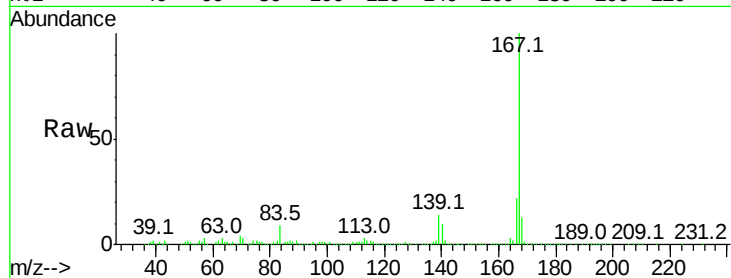
Tot Ion:167 Resp: 447066

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

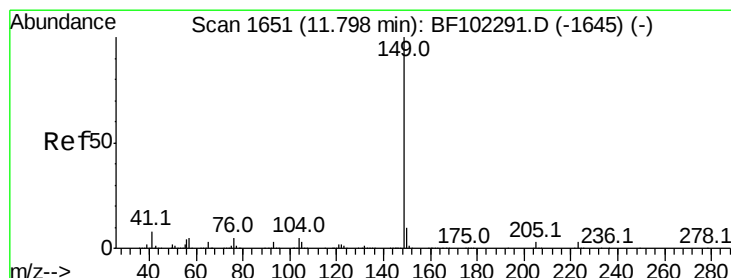
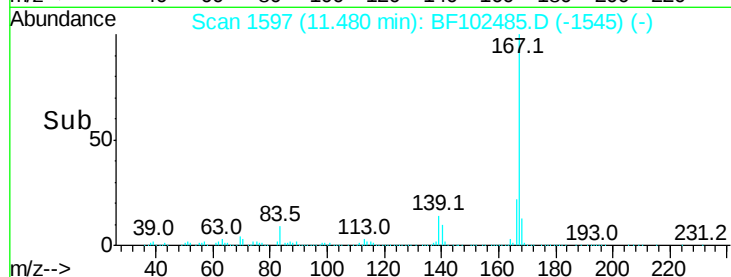
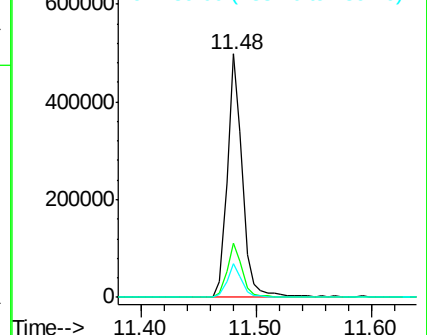
139 14.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 21.475 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

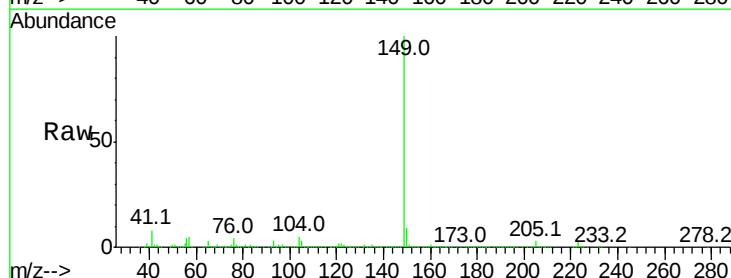
Tgt Ion:149 Resp: 587507

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

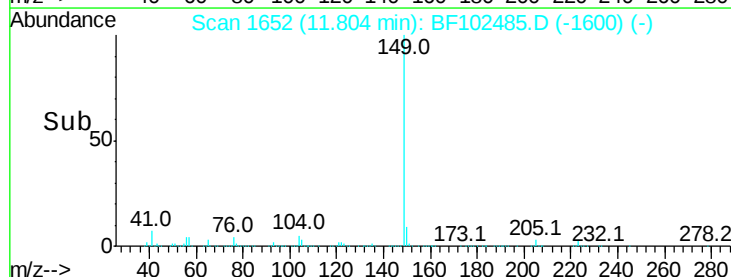
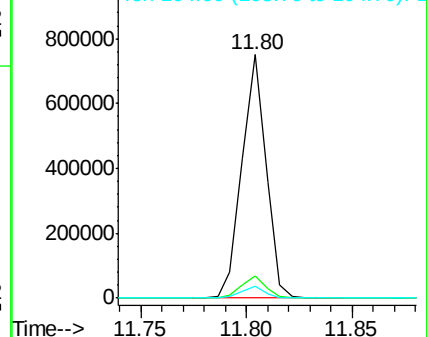
104 4.7 3.8 5.8

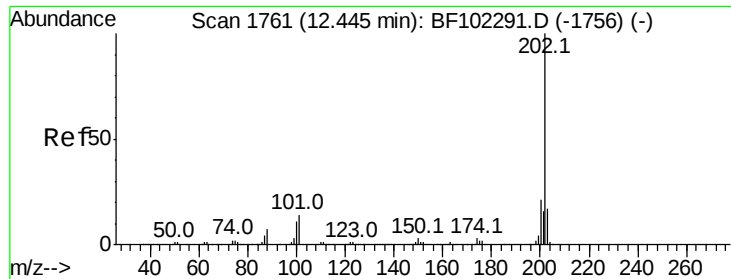


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 30.997 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

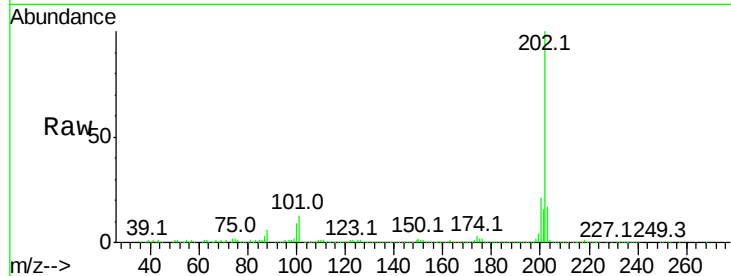
Tot Ion:202 Resp: 694763

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

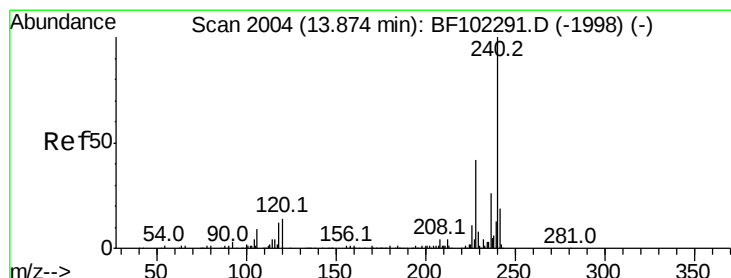
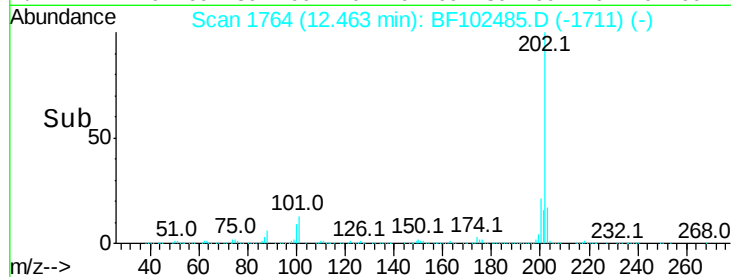
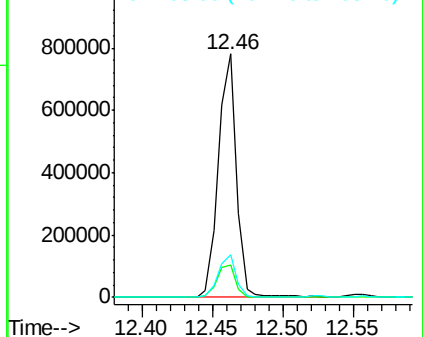
203 17.3 0.0 38.1



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: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

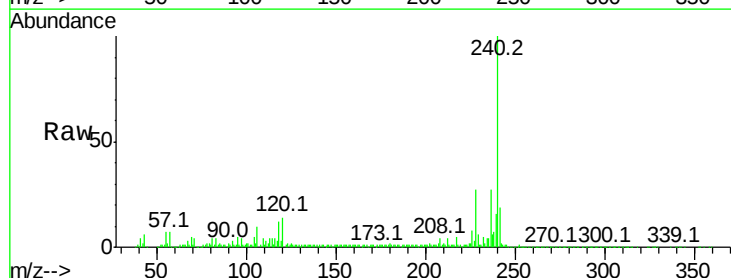
Tgt Ion:240 Resp: 273608

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

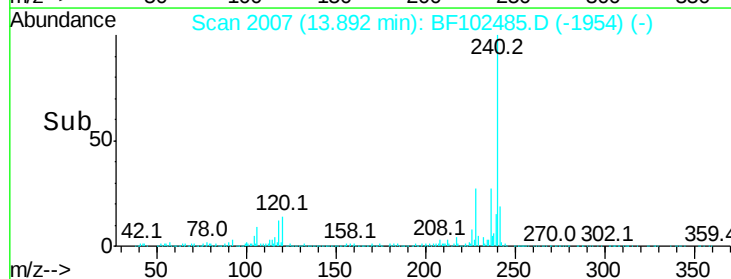
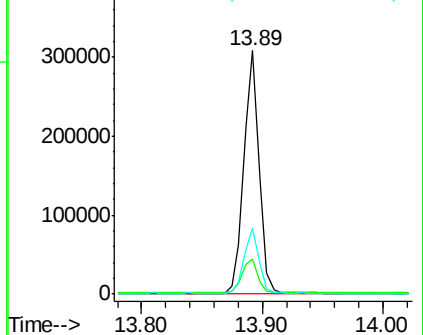
236 27.0 20.7 31.1

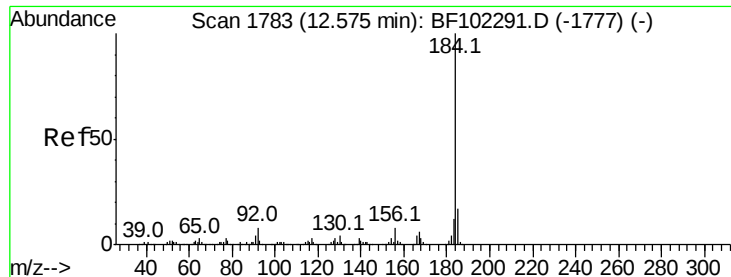


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 25.598 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

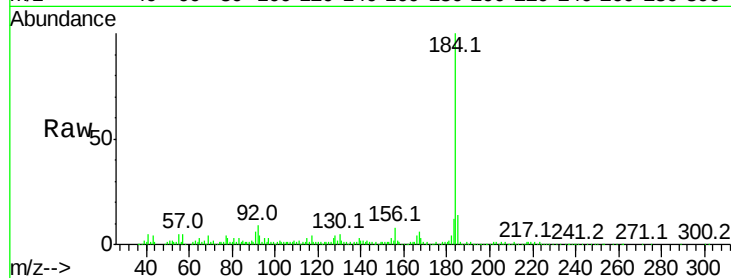
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 235285

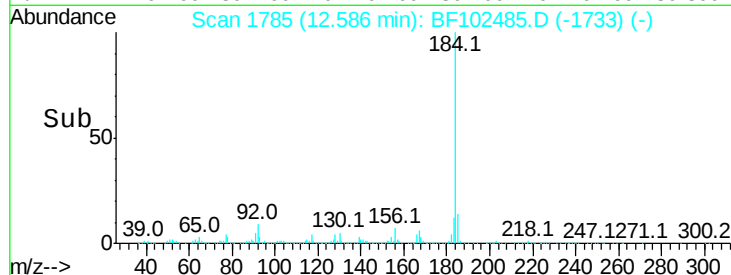
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	12.0	9.3	13.9



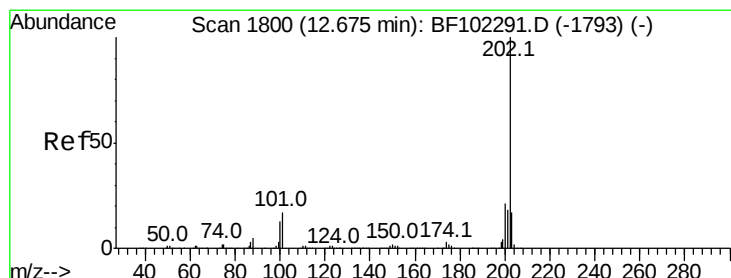
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pyrene

Concen: 33.007 ng

RT: 12.69 min Scan# 1803

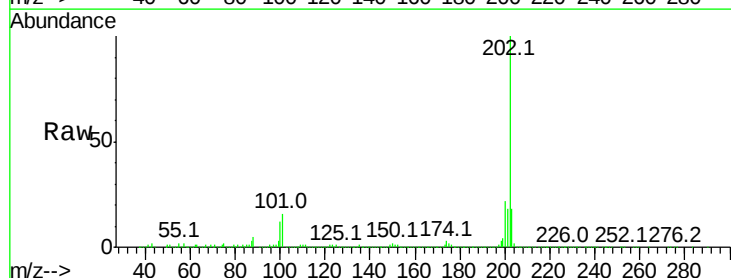
Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Tgt Ion:202 Resp: 698252

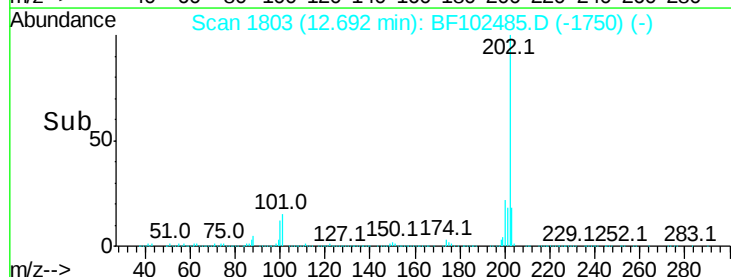
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5



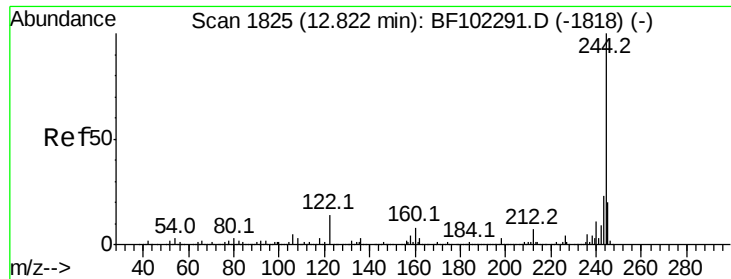
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 49.763 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

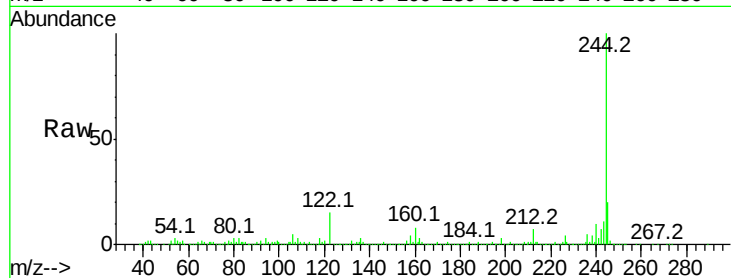
Tot Ion:244 Resp: 603962

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

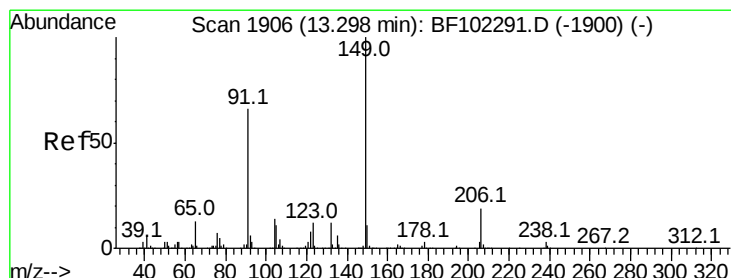
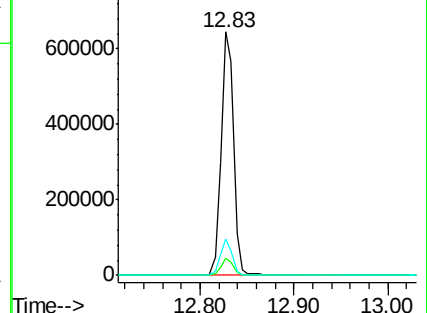
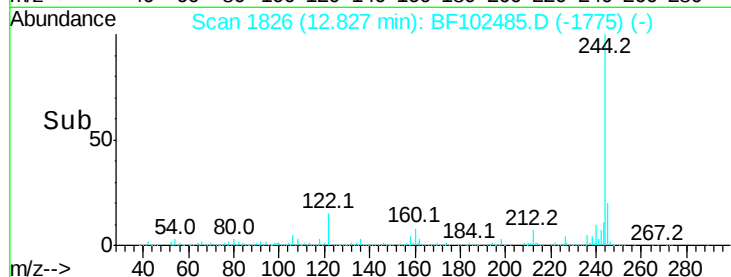
122 14.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 20.575 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

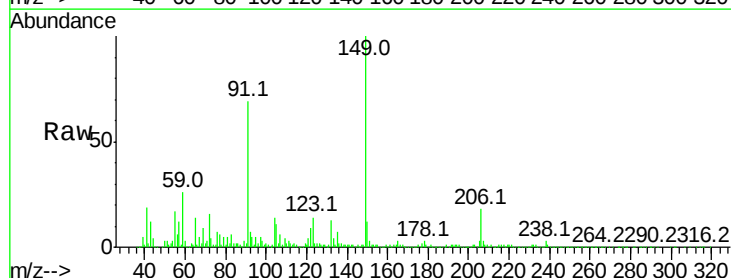
Tgt Ion:149 Resp: 216609

Ion Ratio Lower Upper

149 100

91 69.5 56.8 85.2

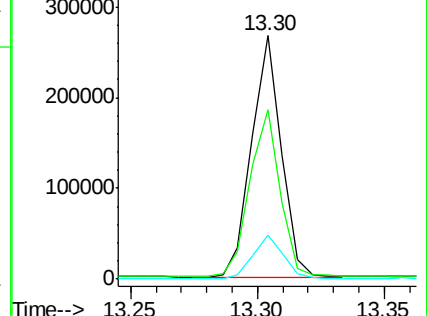
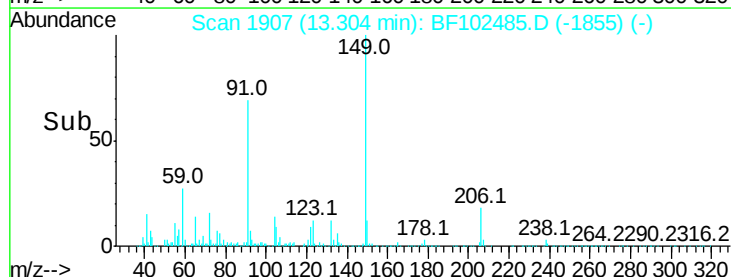
206 18.0 14.1 21.1

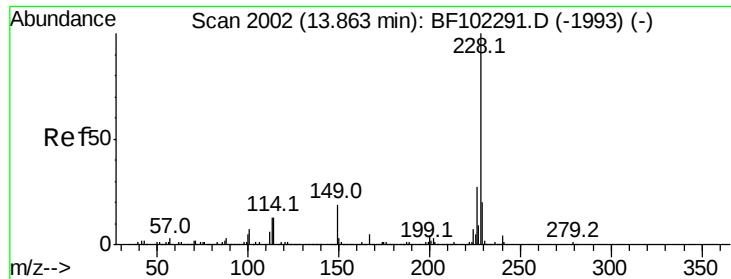


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

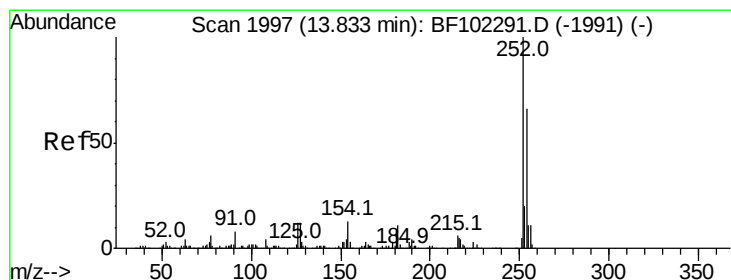
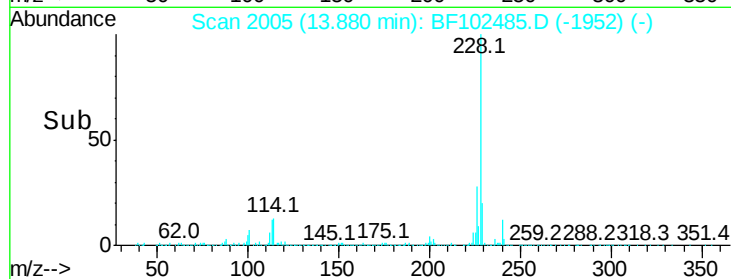
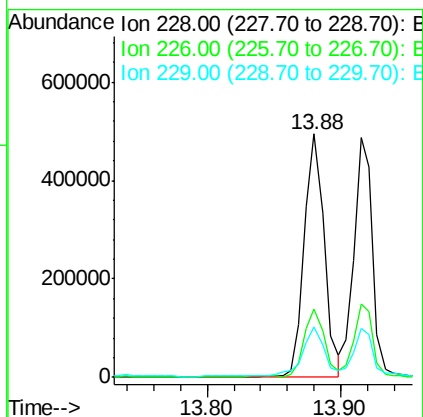
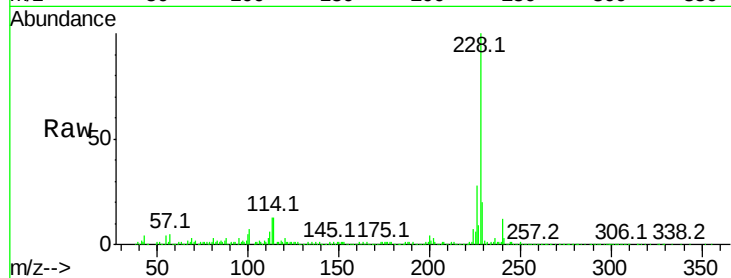




#80
Benzo(a)anthracene
Concen: 29.938 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

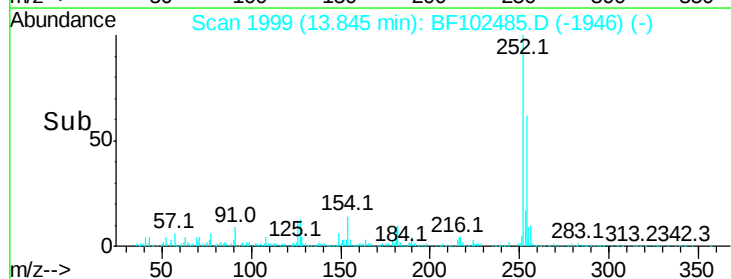
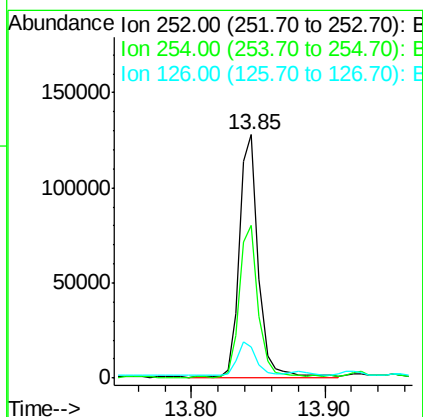
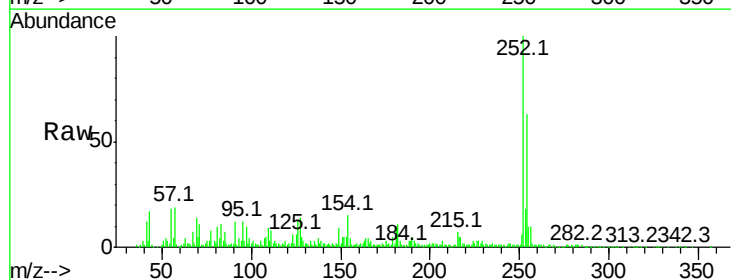
Instrument :
BNA_F
ClientSampleId :

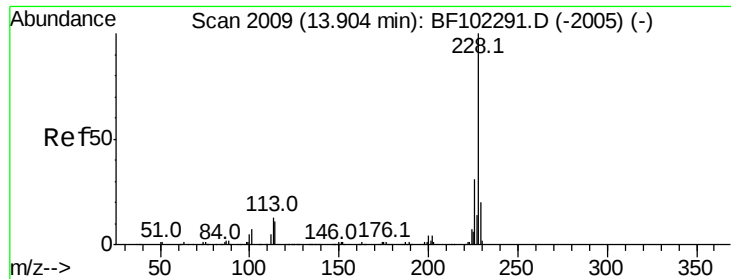
Tot Ion:228 Resp: 504318
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.5 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 20.532 ng
RT: 13.85 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:252 Resp: 126876
Ion Ratio Lower Upper
252 100
254 62.8 50.4 75.6
126 13.0 11.3 16.9

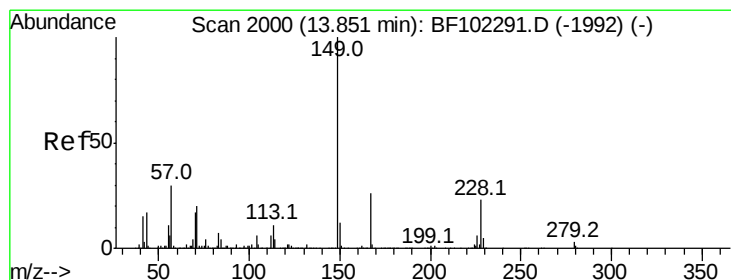
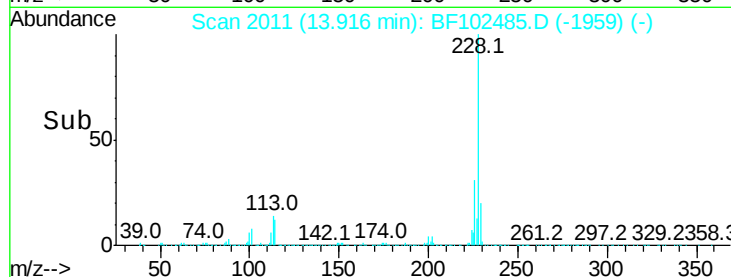
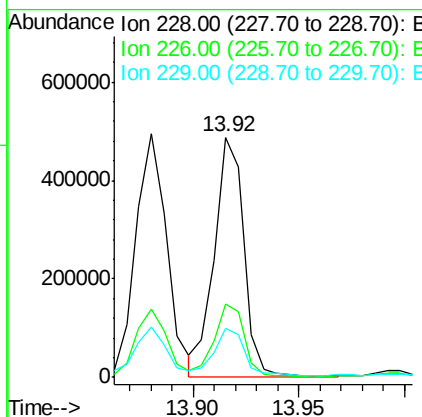
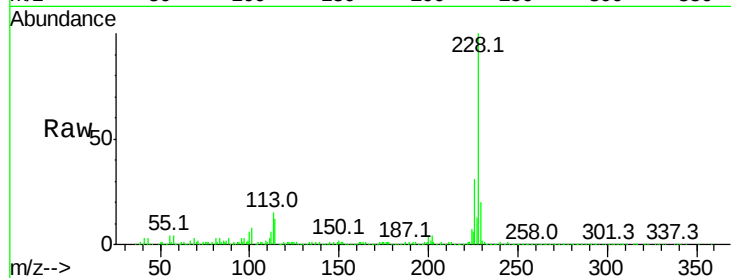




#82
Chrysene
Concen: 27.765 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

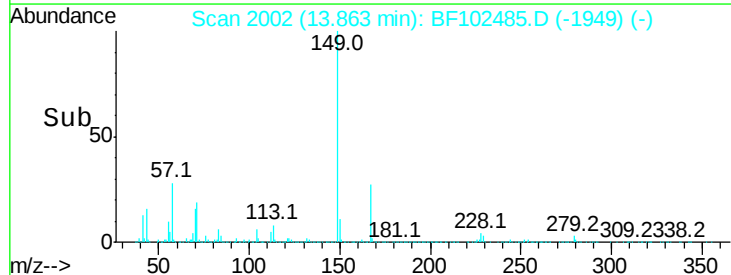
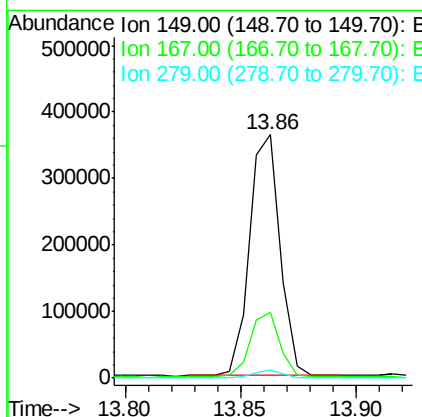
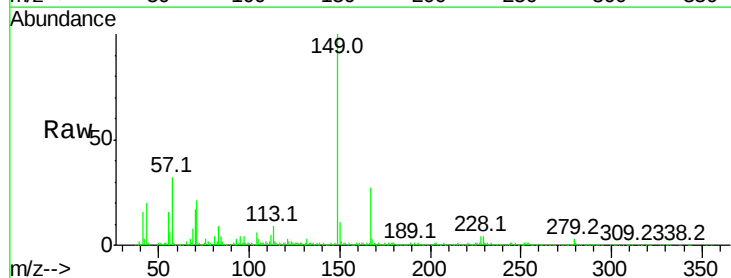
Instrument :
BNA_F
ClientSampleId :

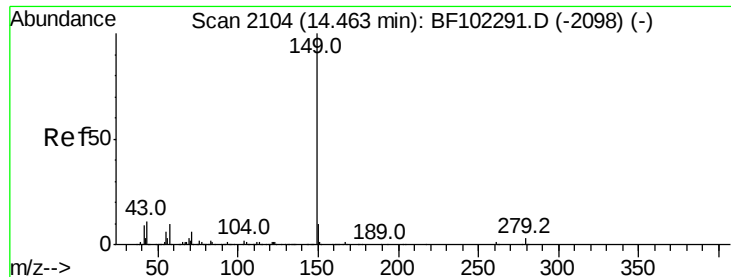
Tot Ion:228 Resp: 474953
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 20.2 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 23.638 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion:149 Resp: 334430
Ion Ratio Lower Upper
149 100
167 26.9 21.3 31.9
279 3.1 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 22.558 ng

RT: 14.47 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

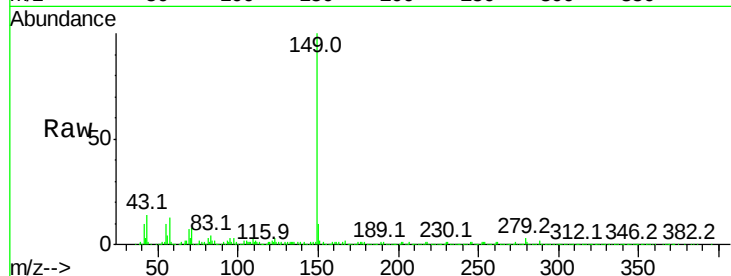
Tot Ion:149 Resp: 519018

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

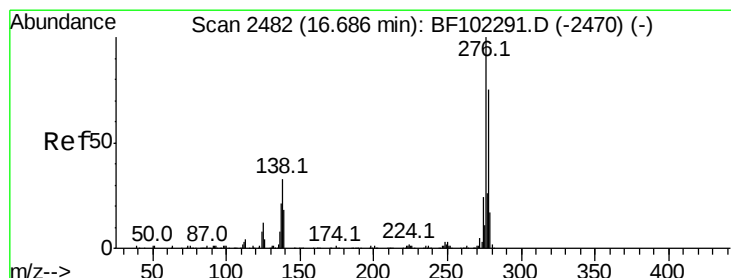
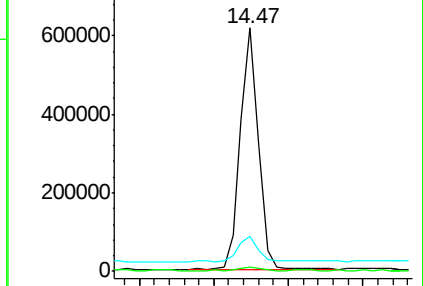
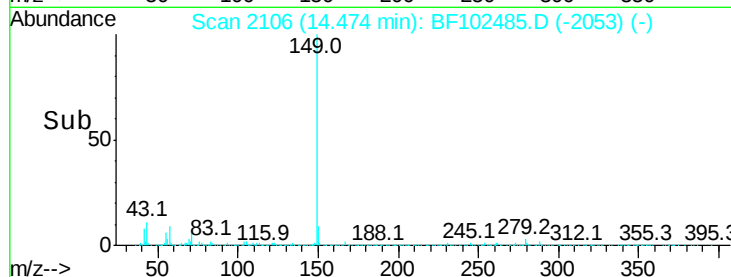
43 13.8 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 18.287 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.04 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

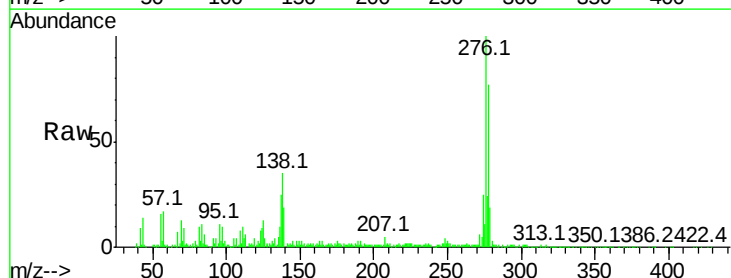
Tgt Ion:276 Resp: 258341

Ion Ratio Lower Upper

276 100

138 32.3 25.0 37.6

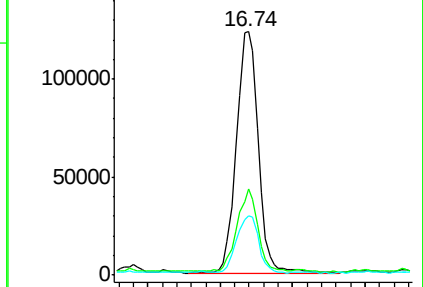
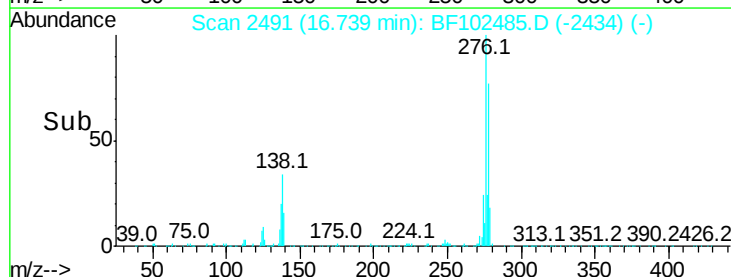
277 24.0 20.1 30.1

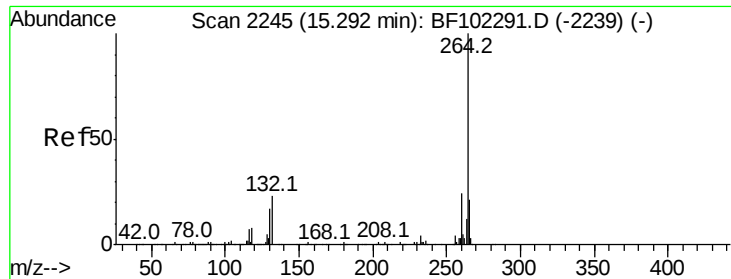


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

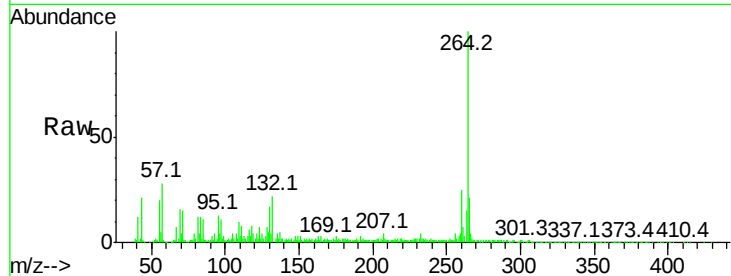




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.4	17.5	26.3



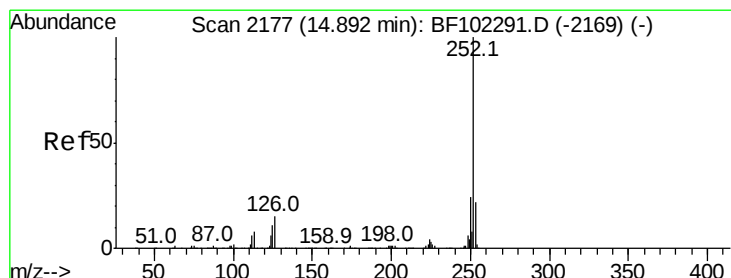
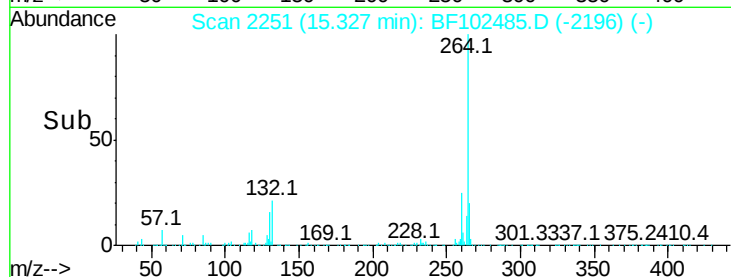
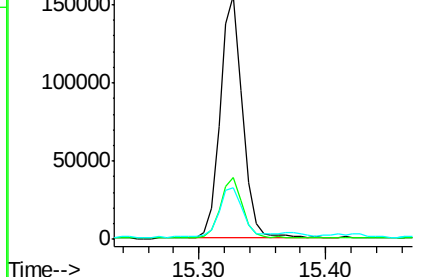
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

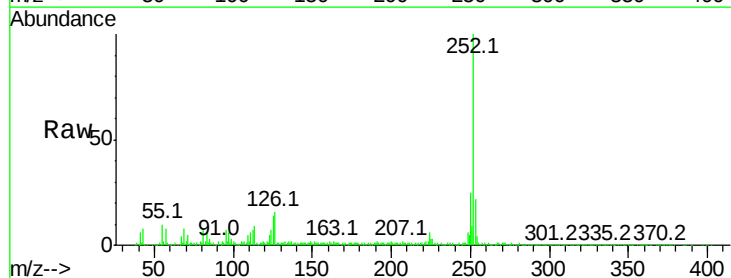
Ion 265.00 (264.70 to 265.70): E

15.33



#87
Benzo(b)fluoranthene
Concen: 30.130 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.5	9.0	13.6



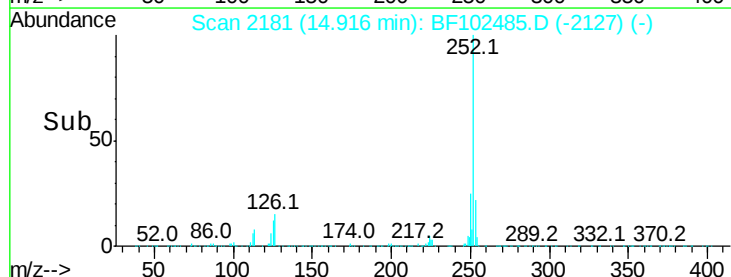
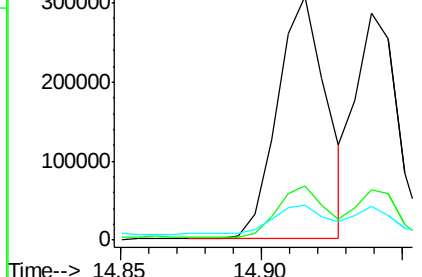
Abundance

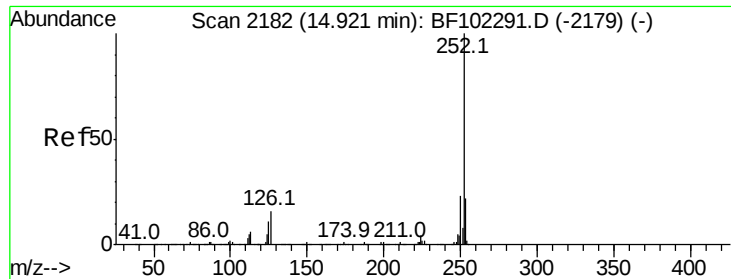
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

14.92

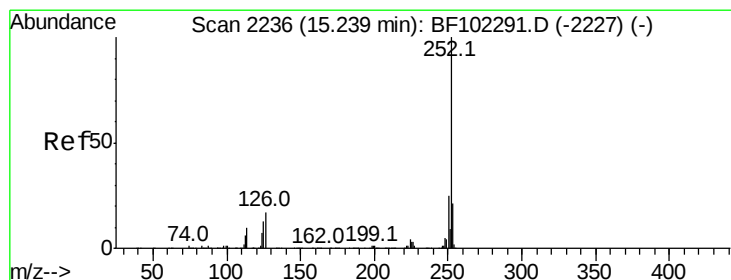
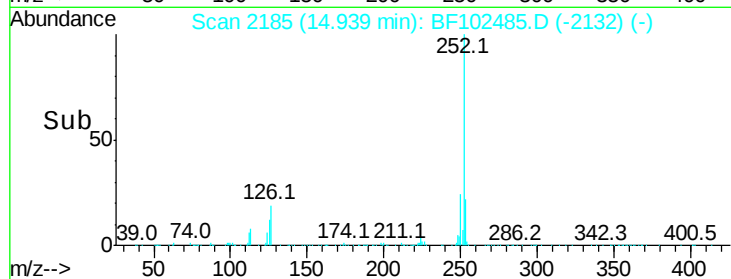
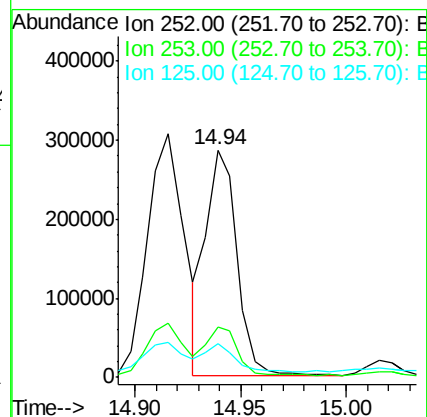
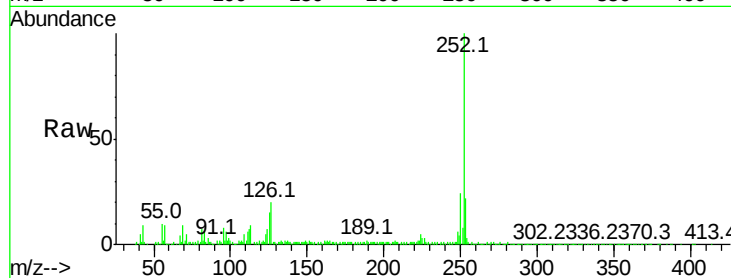




#88
Benzo(k)fluoranthene
Concen: 25.470 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

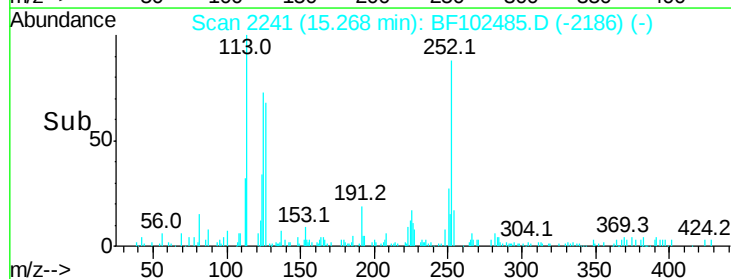
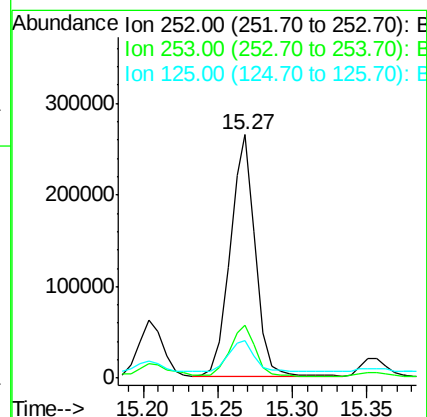
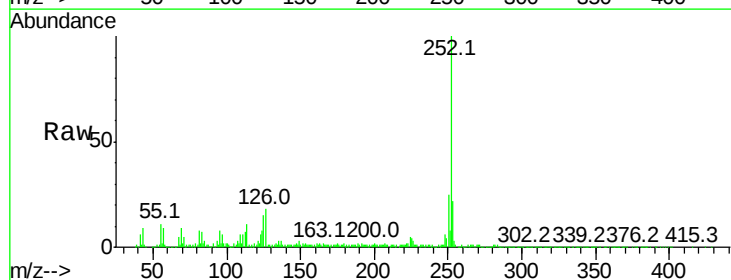
Instrument :
BNA_F
ClientSampleId :

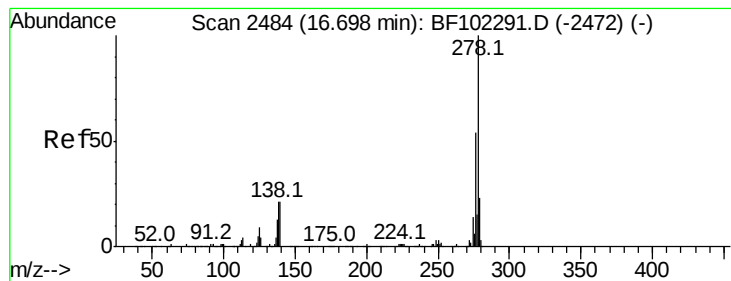
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	14.8	10.2	15.2



#89
Benzo(a)pyrene
Concen: 28.116 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF102485.D
Acq: 26 Jan 2018 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	15.3	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 20.464 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.03 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

Instrument :

BNA_F

ClientSampleId :

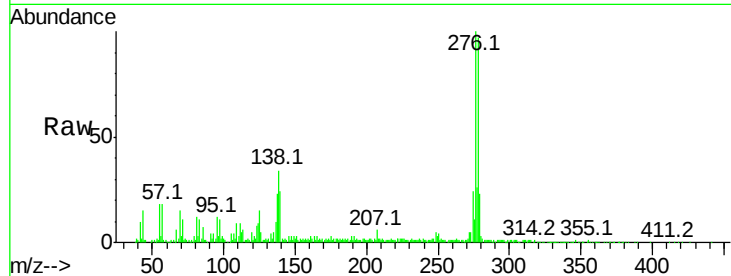
Tot Ion:278 Resp: 184226

Ion Ratio Lower Upper

278 100

139 24.3 15.9 23.9#

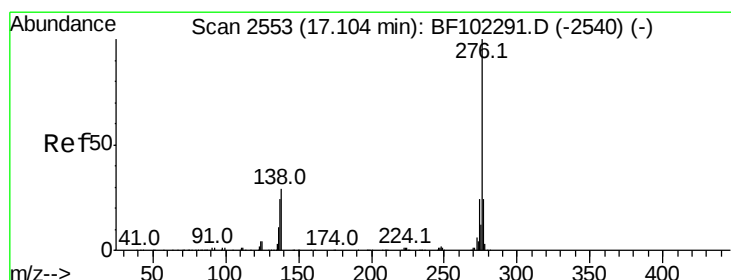
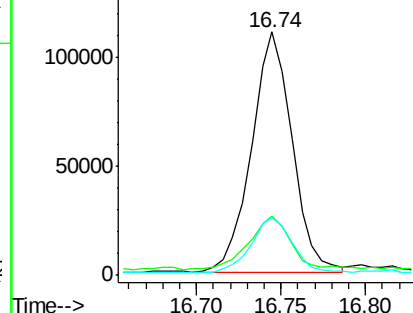
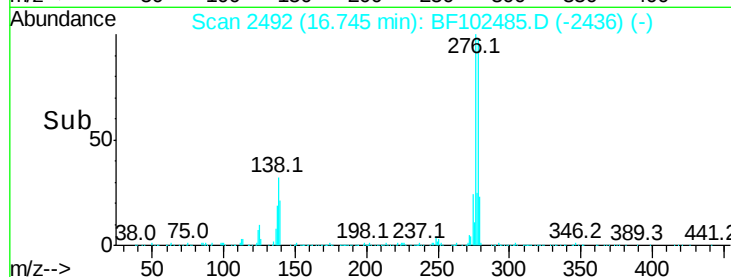
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 24.973 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.04 min

Lab File: BF102485.D

Acq: 26 Jan 2018 22:43

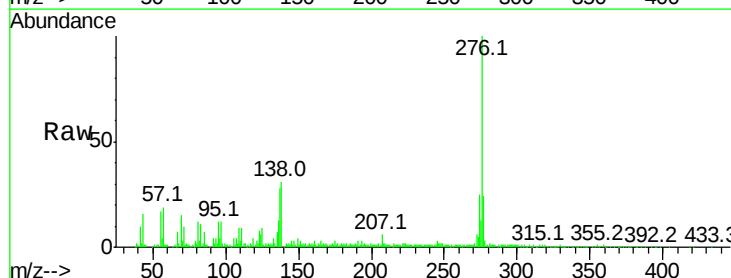
Tgt Ion:276 Resp: 221983

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 30.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

