

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105156.D
 Acq On : 8 May 2018 20:46
 Operator : JU/SJ
 Sample : J2133-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:30:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	207748	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	839541	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	413689	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	797199	20.00	ng	0.00
75) Chrysene-d12	14.00	240	666381	20.00	ng	-0.02
86) Perylene-d12	15.53	264	633676	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1490927	118.23	ng	0.00
7) Phenol-d6	6.42	99	1798758	119.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	1132498	91.42	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	570283	124.95	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2016813	75.67	ng	0.00
78) Terphenyl-d14	12.91	244	2206650	76.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	130785	19.62	ng	92
3) Pyridine	3.25	79	345420	19.32	ng	85
4) n-Nitrosodimethylamine	3.18	42	155202	17.12	ng	89
6) Aniline	6.46	93	439588	20.05	ng	95
8) 2-Chlorophenol	6.57	128	270240	20.20	ng	92
9) Benzaldehyde	6.35	77	158948	13.81	ng	98
10) Phenol	6.43	94	326855	19.56	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	272990	19.82	ng	94
12) 1,3-Dichlorobenzene	6.73	146	338623	21.00	ng	100
13) 1,4-Dichlorobenzene	6.81	146	339506	21.06	ng	98
14) 1,2-Dichlorobenzene	6.96	146	311217	20.92	ng	99
15) Benzyl Alcohol	6.93	79	253237	22.04	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	506993	19.81	ng	97
17) 2-Methylphenol	7.04	107	240774	20.85	ng	99
18) Hexachloroethane	7.30	117	115174	22.20	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	212173	21.34	ng	90
20) 3+4-Methylphenols	7.19	107	313194	23.07	ng	92
22) Acetophenone	7.20	105	422349	21.58	ng	# 97
24) Nitrobenzene	7.37	77	310001	22.07	ng	94
25) Isophorone	7.61	82	531277	19.18	ng	98
26) 2-Nitrophenol	7.69	139	127036	27.86	ng	98
27) 2,4-Dimethylphenol	7.72	122	219363	17.82	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	327815	19.17	ng	99
29) 2,4-Dichlorophenol	7.92	162	232258	20.17	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	283069	21.31	ng	98
31) Naphthalene	8.10	128	838226	20.74	ng	100
32) Benzoic acid	7.82	122	178868	30.78	ng	96
33) 4-Chloroaniline	8.15	127	345731	20.57	ng	99
34) Hexachlorobutadiene	8.22	225	169011	21.96	ng	98
35) Caprolactam	8.50	113	73603	21.04	ng	# 76
36) 4-Chloro-3-methylphenol	8.62	107	241883	20.17	ng	95
37) 2-Methylnaphthalene	8.79	142	573100	20.34	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	278560	21.16	ng	98
40) Hexachlorocyclopentadiene	8.94	237	145058	20.38	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105156.D
 Acq On : 8 May 2018 20:46
 Operator : JU/SJ
 Sample : J2133-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:30:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

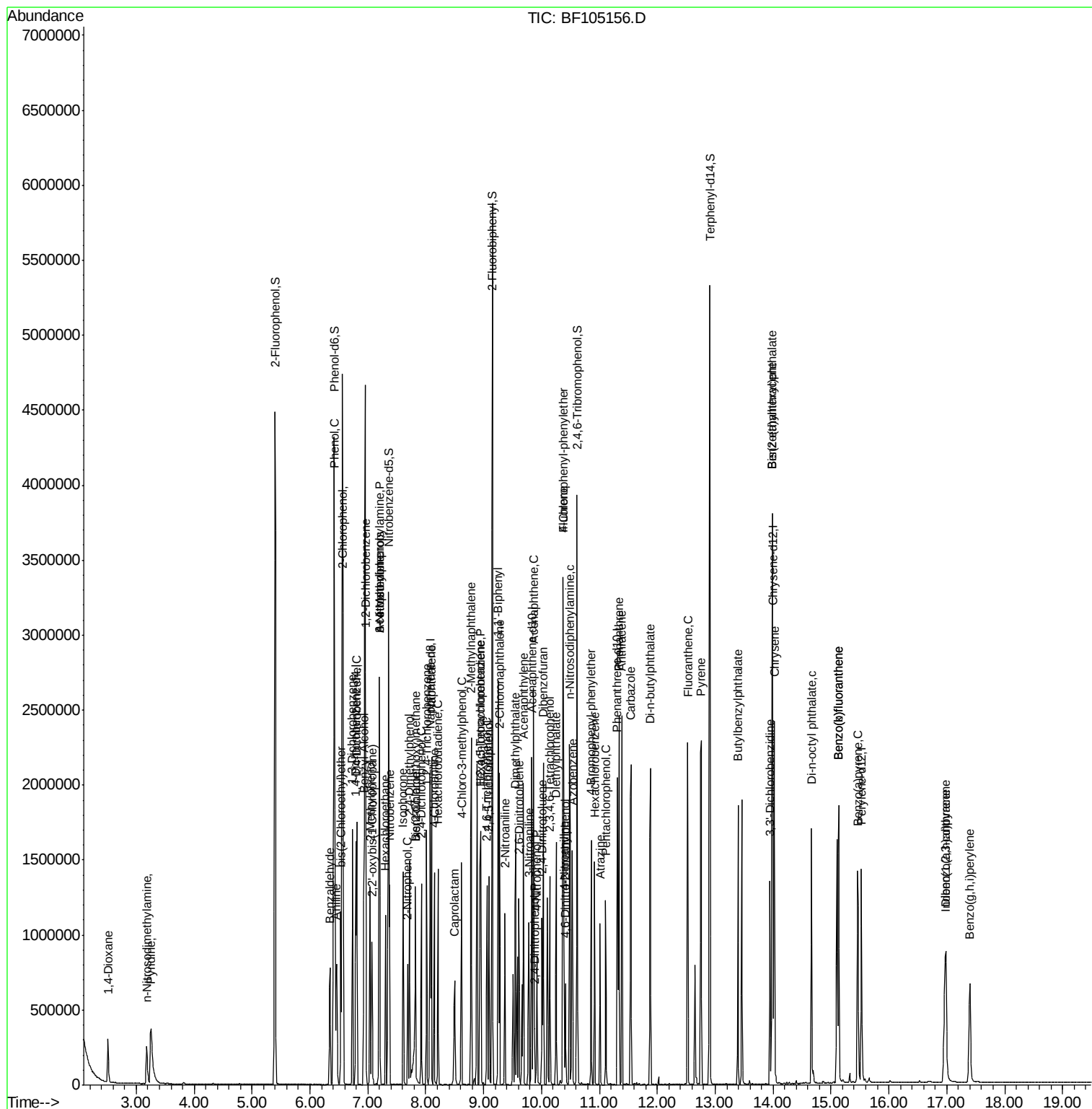
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	164987	20.54	nq	95
43) 2,4,5-Trichlorophenol	9.09	196	187504	22.34	nq	95
45) 1,1'-Biphenyl	9.25	154	741047	21.99	nq	98
46) 2-Chloronaphthalene	9.27	162	546180	21.68	nq	97
47) 2-Nitroaniline	9.37	65	160763	25.28	nq	91
48) Acenaphthylene	9.69	152	855038	21.98	nq	99
49) Dimethylphthalate	9.55	163	625248	22.33	nq	100
50) 2,6-Dinitrotoluene	9.61	165	135254	22.26	nq	96
51) Acenaphthene	9.86	154	548198	21.86	nq	99
52) 3-Nitroaniline	9.78	138	147099	22.98	nq	97
53) 2,4-Dinitrophenol	9.88	184	40545	29.63	nq	# 19
54) Dibenzofuran	10.03	168	759374	20.70	nq	98
55) 4-Nitrophenol	9.92	139	109170	22.23	nq	88
56) 2,4-Dinitrotoluene	10.01	165	177789	23.96	nq	94
57) Fluorene	10.37	166	578789	21.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	148199	19.78	nq	# 88
59) Diethylphthalate	10.25	149	636056	23.11	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	279314	22.31	nq	92
61) 4-Nitroaniline	10.39	138	142702	22.40	nq	97
62) Azobenzene	10.53	77	593733	20.68	nq	95
64) 4,6-Dinitro-2-methylphenol	10.42	198	75979	31.65	nq	87
65) n-Nitrosodiphenylamine	10.49	169	526778	21.20	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	180355	21.21	nq	92
67) Hexachlorobenzene	10.92	284	209449	21.38	nq	# 84
68) Atrazine	11.01	200	104522	13.42	nq	97
69) Pentachlorophenol	11.11	266	123633	23.74	nq	98
70) Phenanthrene	11.34	178	886225	21.09	nq	99
71) Anthracene	11.39	178	897234	21.01	nq	100
72) Carbazole	11.55	167	835679	21.72	nq	98
73) Di-n-butylphthalate	11.88	149	961225	23.35	nq	99
74) Fluoranthene	12.53	202	933609	21.32	nq	95
77) Pyrene	12.76	202	977620	20.17	nq	99
79) Butylbenzylphthalate	13.39	149	373846	25.17	nq	99
80) Benzo(a)anthracene	13.98	228	818811	20.26	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	294533	19.39	nq	# 95
82) Chrysene	14.02	228	856103	20.57	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	492584	24.58	nq	99
84) Di-n-octyl phthalate	14.66	149	787904	24.28	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	675573	20.48	nq	94
87) Benzo(b)fluoranthene	15.13	252	798785	20.60	nq	97
88) Benzo(k)fluoranthene	15.13	252	798785	21.25	nq	# 96
89) Benzo(a)pyrene	15.46	252	708149	20.08	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	556982	20.34	nq	96
91) Benzo(g,h,i)perylene	17.40	276	541314	20.20	nq	# 93

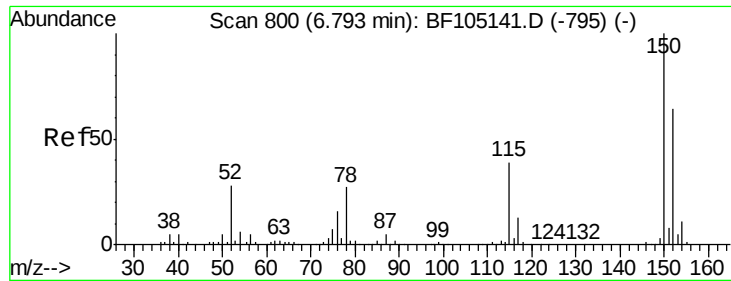
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105156.D
 Acq On : 8 May 2018 20:46
 Operator : JU/SJ
 Sample : J2133-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: May 09 08:30:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration



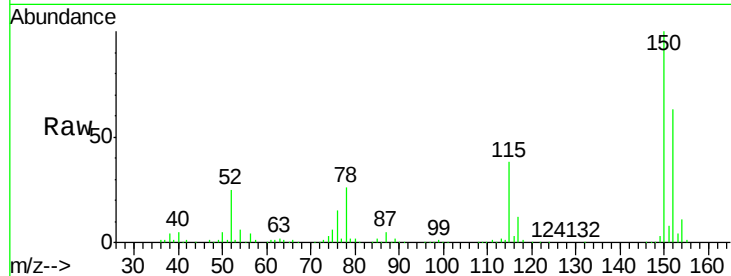


#1

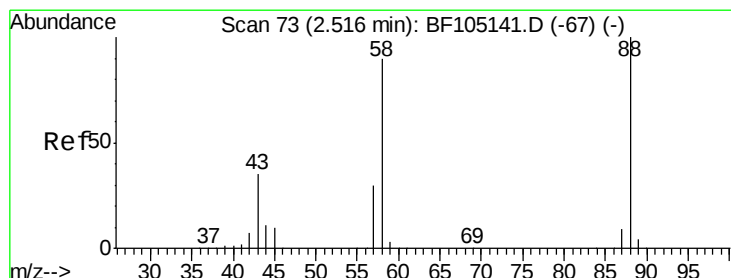
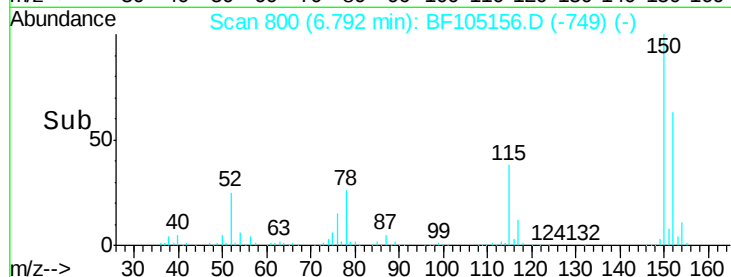
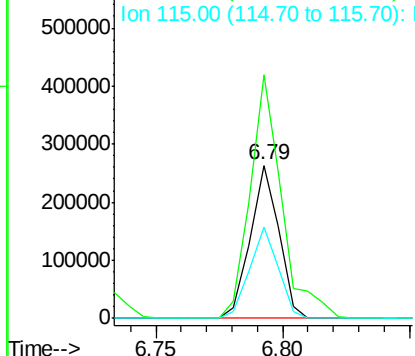
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 207748
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 59.9 50.1 75.1



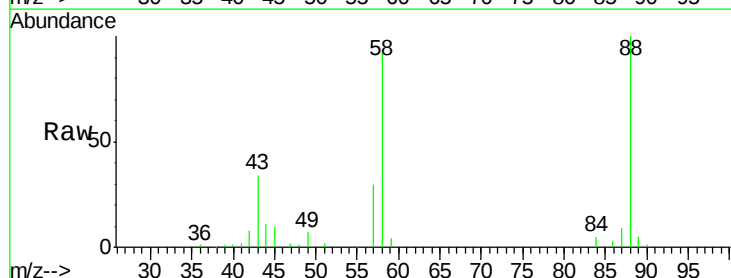
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



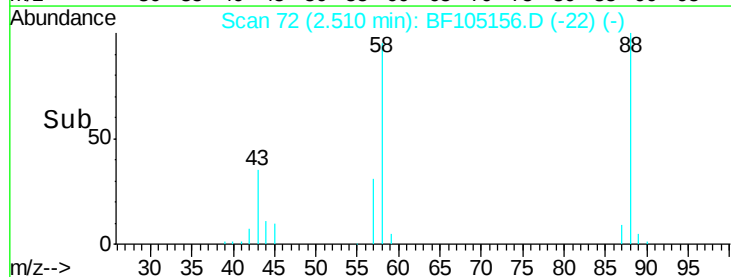
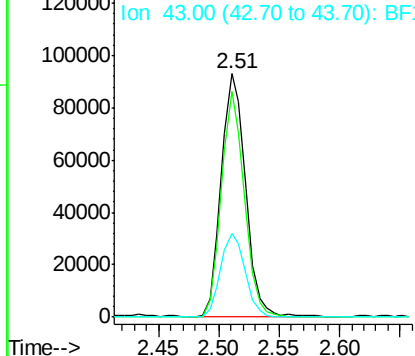
#2

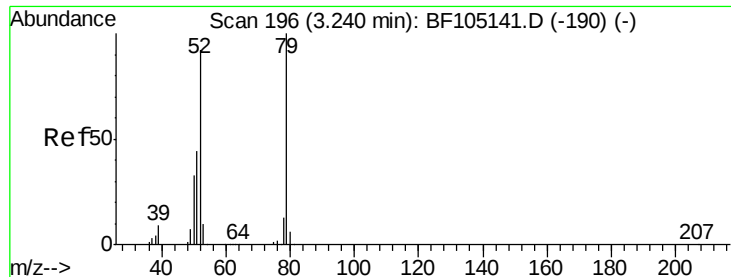
1,4-Dioxane
Concen: 19.62 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion: 88 Resp: 130785
Ion Ratio Lower Upper
88 100
58 86.3 62.6 93.8
43 34.1 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: 19.32 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

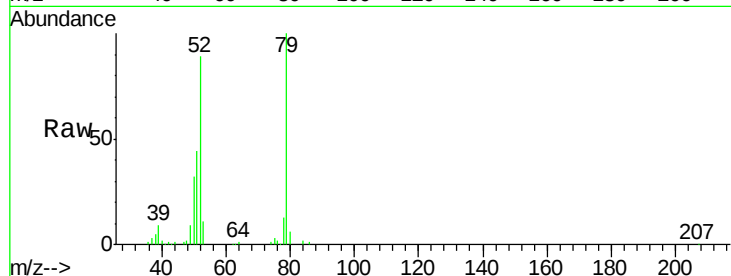
Tot Ion: 79 Resp: 345420

Ion Ratio Lower Upper

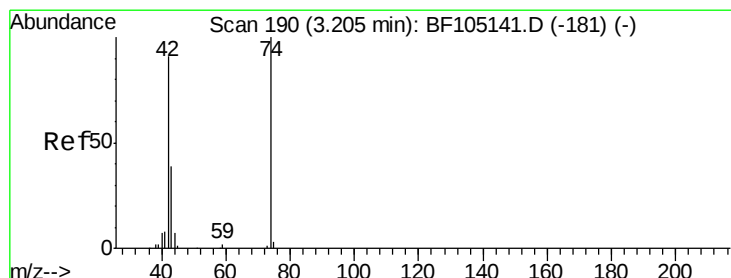
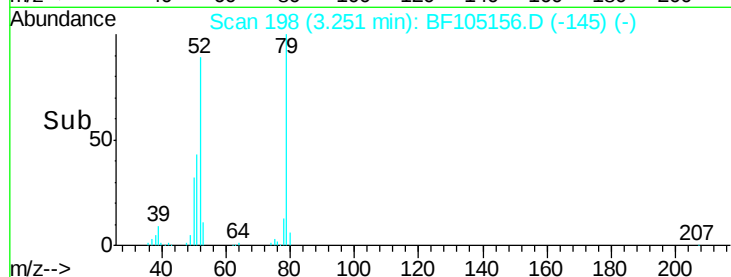
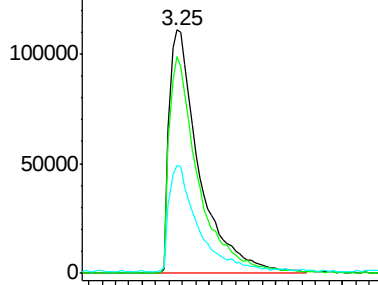
79 100

52 89.1 59.8 89.6

51 44.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 17.12 ng

RT: 3.18 min Scan# 186

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

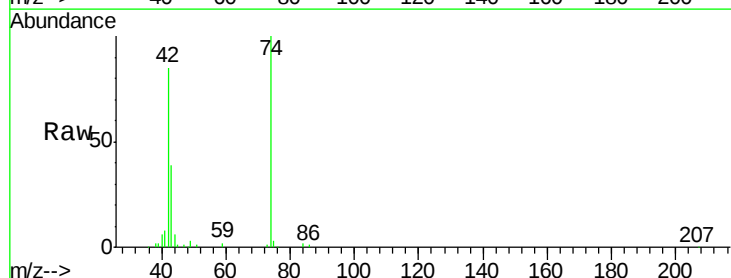
Tgt Ion: 42 Resp: 155202

Ion Ratio Lower Upper

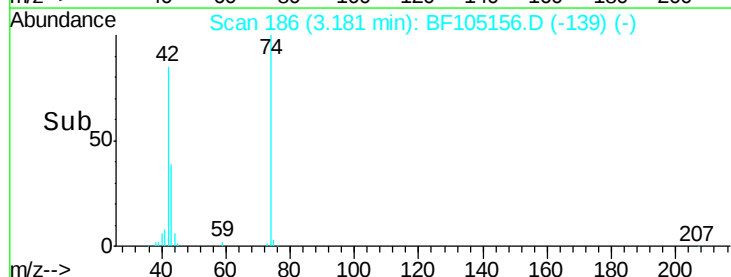
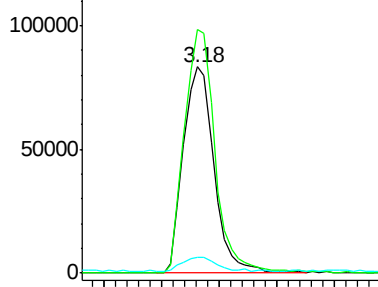
42 100

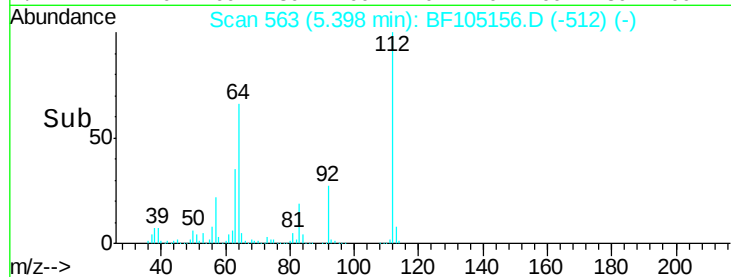
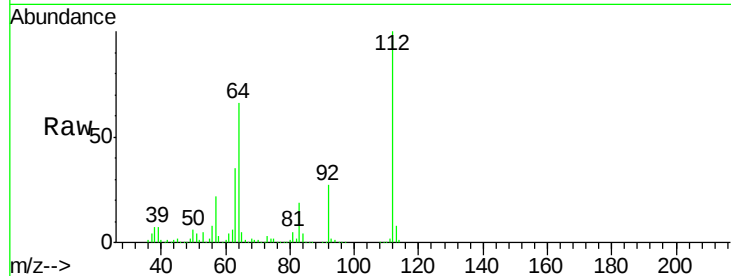
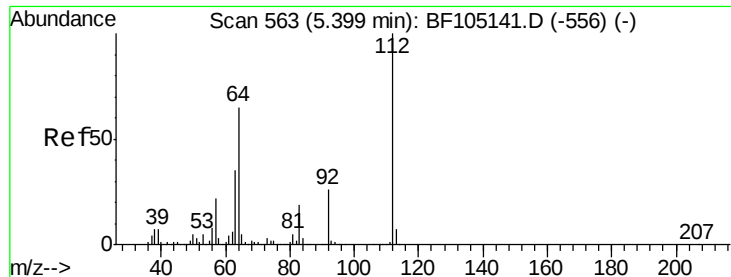
74 118.2 104.9 157.3

44 7.6 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 118.23 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

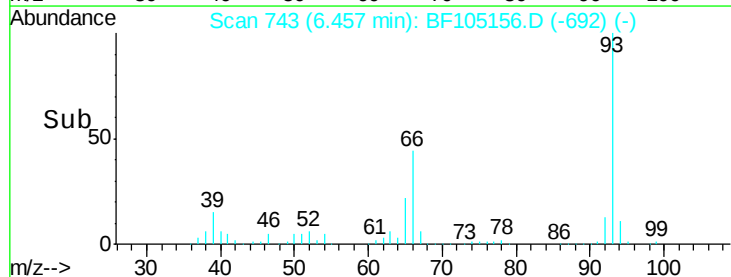
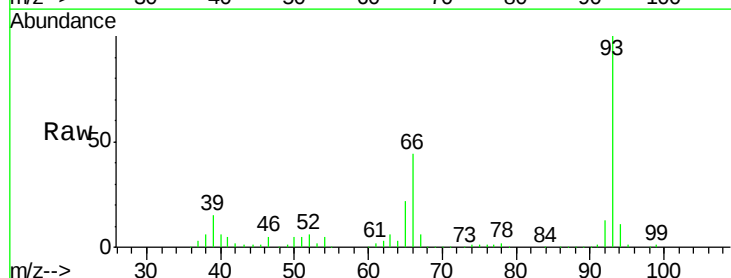
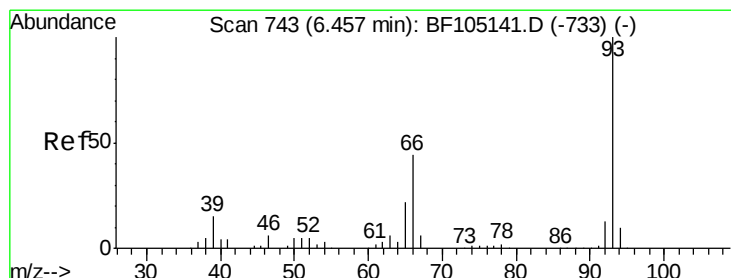
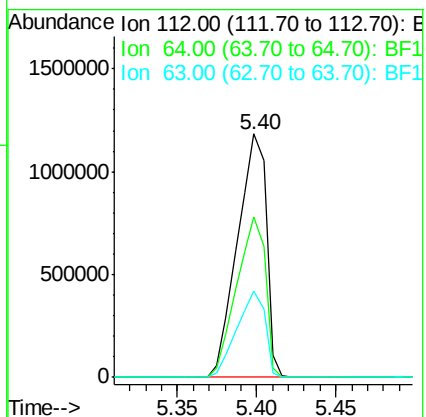
Tot Ion:112 Resp: 1490927

Ion Ratio Lower Upper

112 100

64 66.0 47.9 71.9

63 35.3 23.7 35.5



#6

Aniline

Concen: 20.05 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

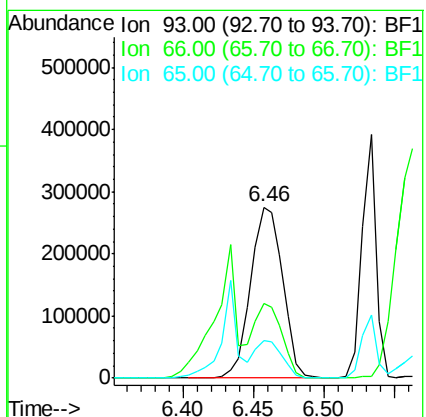
Tgt Ion: 93 Resp: 439588

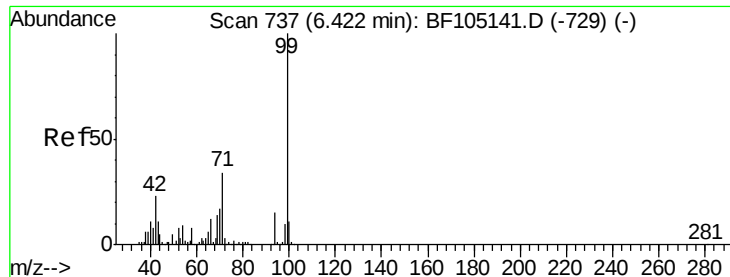
Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 119.80 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

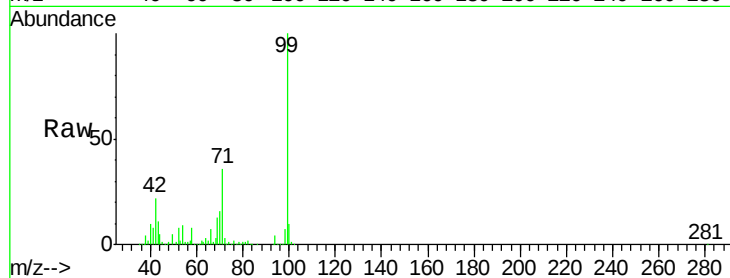
Tot Ion: 99 Resp: 1798758

Ion Ratio Lower Upper

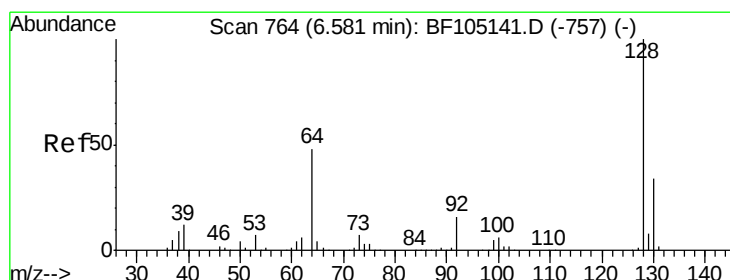
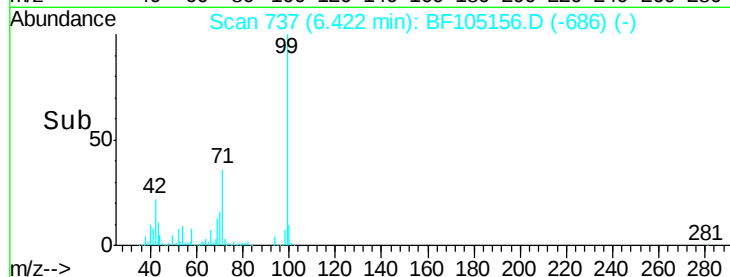
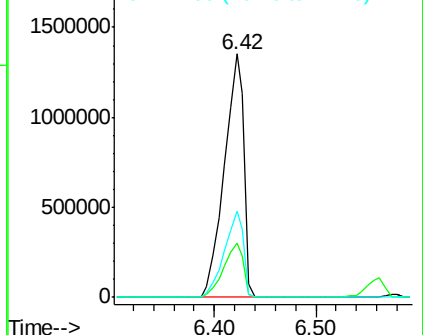
99 100

42 22.4 14.5 21.7#

71 35.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 20.20 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

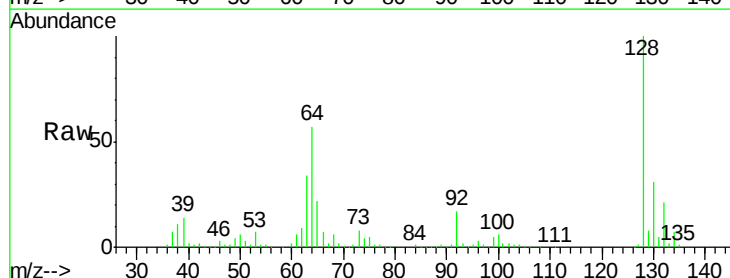
Tgt Ion: 128 Resp: 270240

Ion Ratio Lower Upper

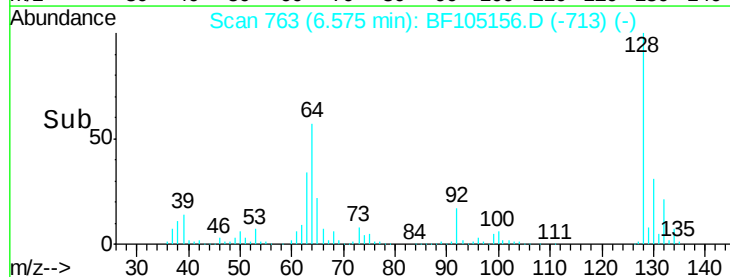
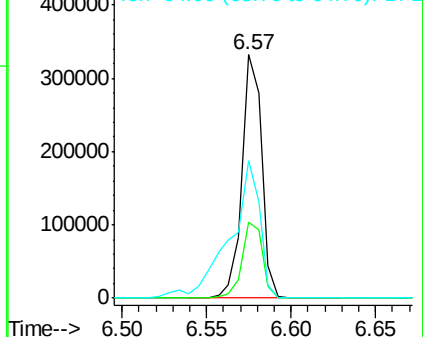
128 100

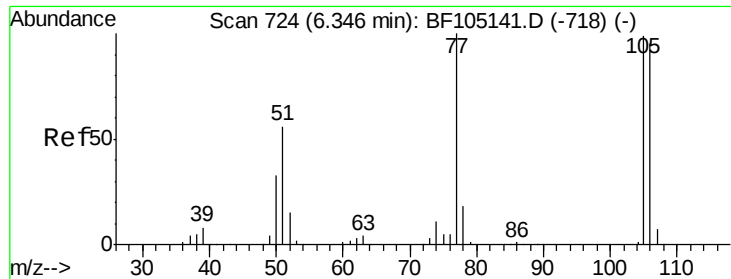
130 31.0 13.0 53.0

64 56.6 29.4 69.4



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

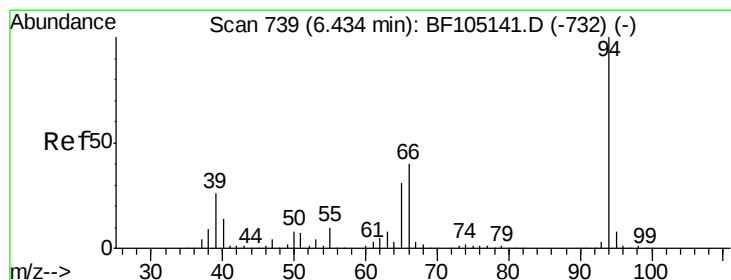
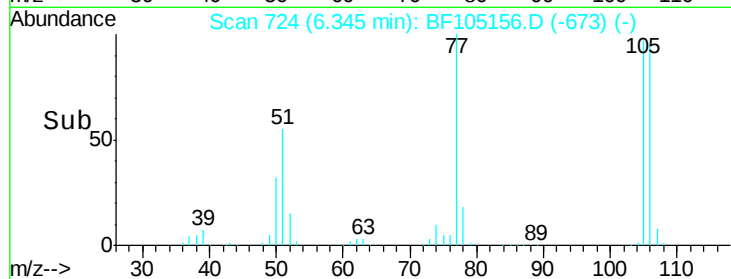
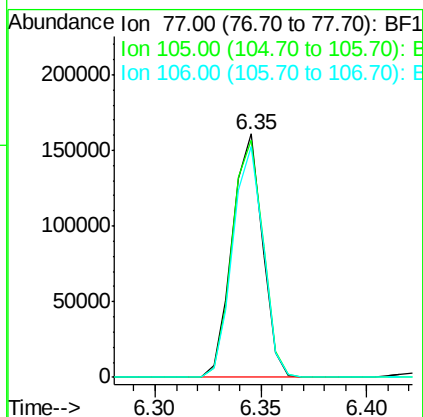
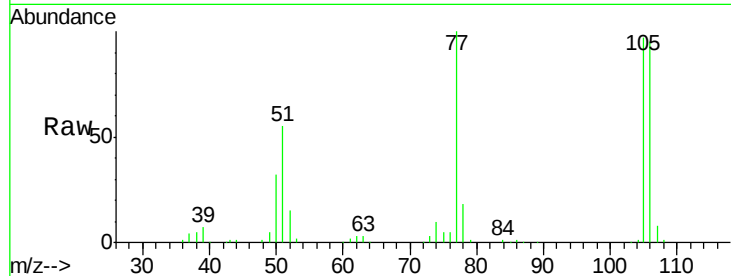




#9
Benzaldehyde
Concen: 13.81 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

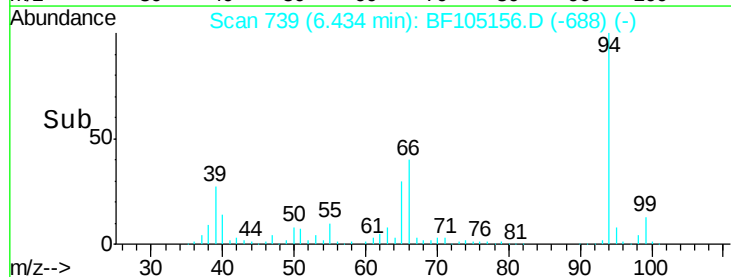
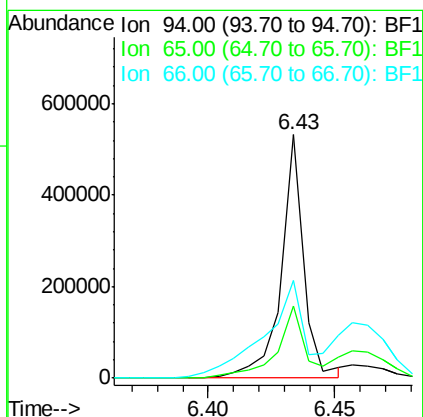
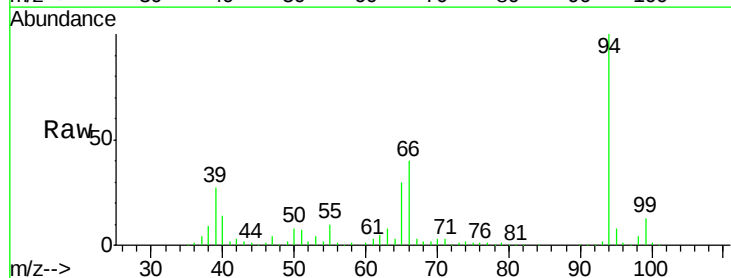
Instrument :
BNA_F
ClientSampleId :

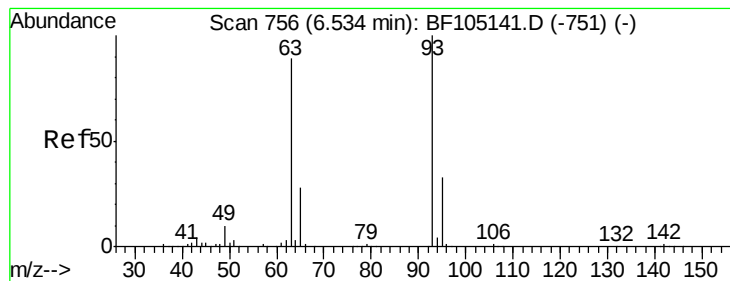
Tot Ion: 77 Resp: 158948
Ion Ratio Lower Upper
77 100
105 97.3 81.1 121.1
106 94.7 74.5 114.5



#10
Phenol
Concen: 19.56 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion: 94 Resp: 326855
Ion Ratio Lower Upper
94 100
65 29.5 7.9 47.9
66 40.3 16.2 56.2

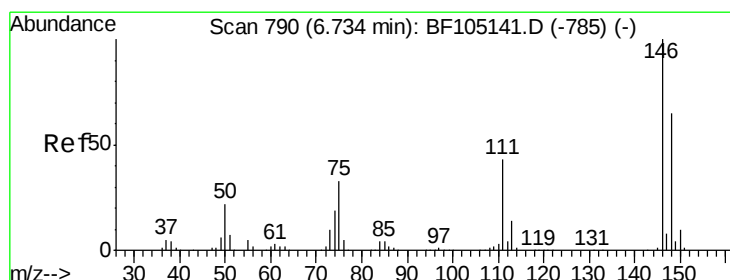
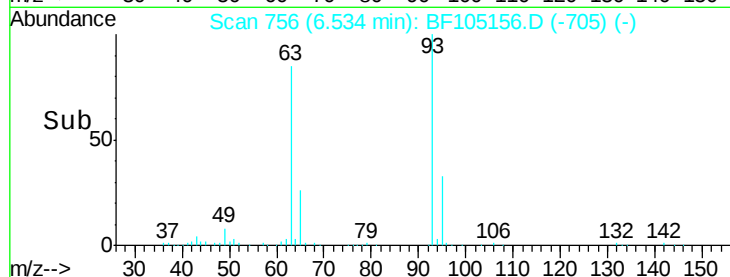
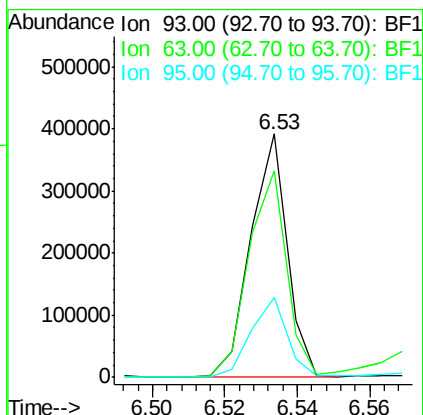
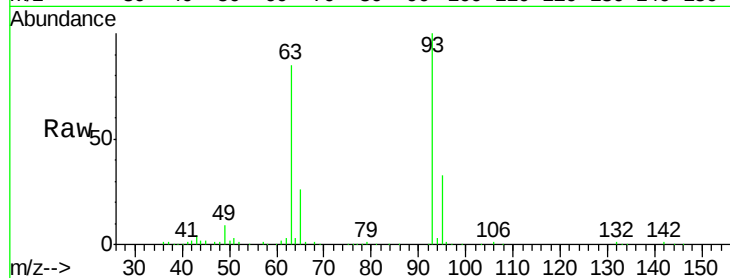




#11
bis(2-Chloroethyl)ether
Concen: 19.82 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

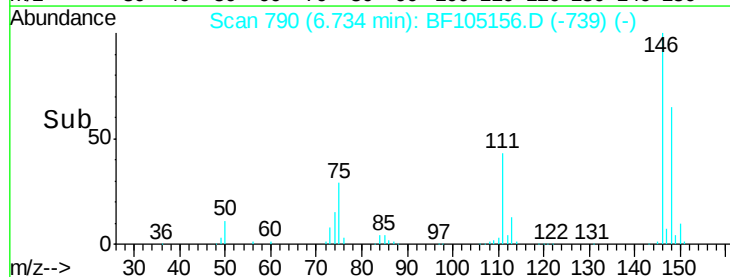
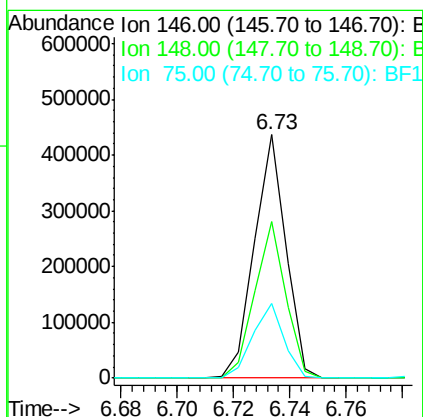
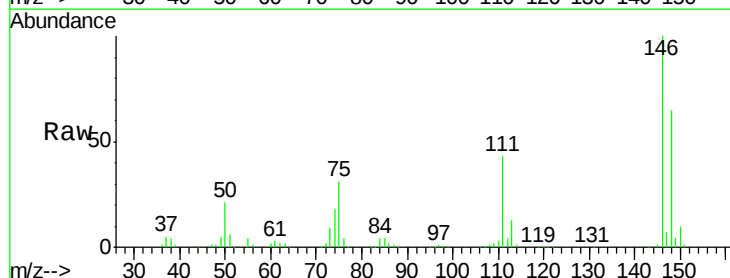
Instrument :
BNA_F
ClientSampled :

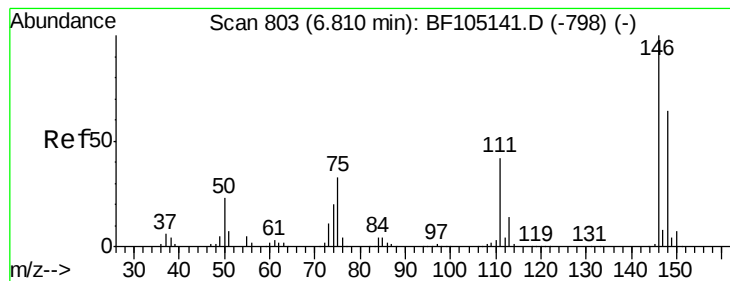
Tot Ion: 93 Resp: 272990
Ion Ratio Lower Upper
93 100
63 85.0 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 21.00 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion: 146 Resp: 338623
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 30.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 21.06 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampled :

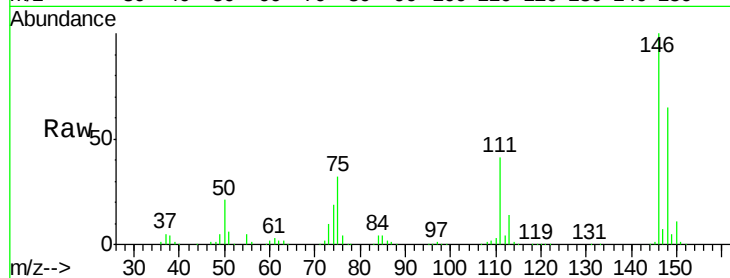
Tot Ion:146 Resp: 339506

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

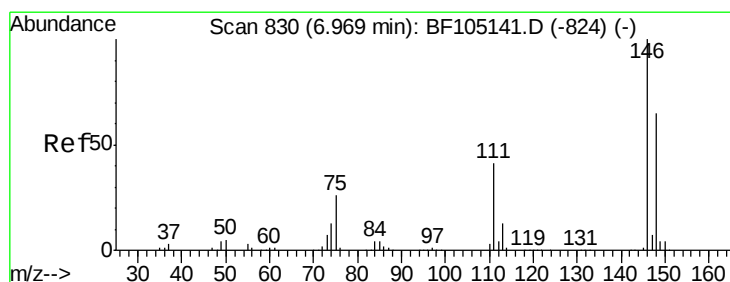
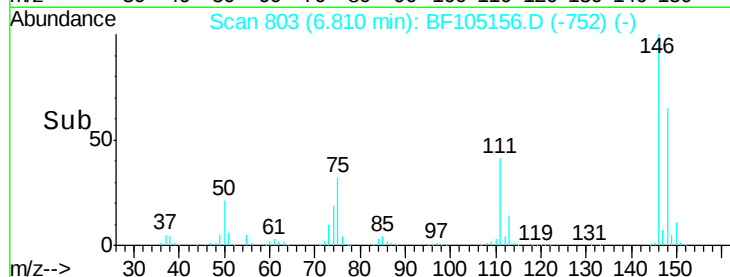
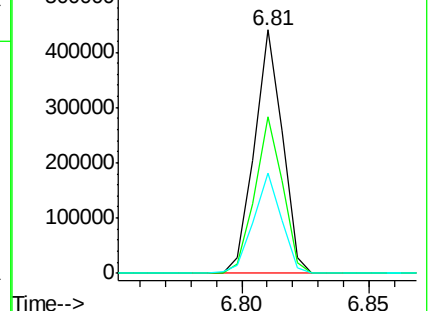
111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 20.92 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

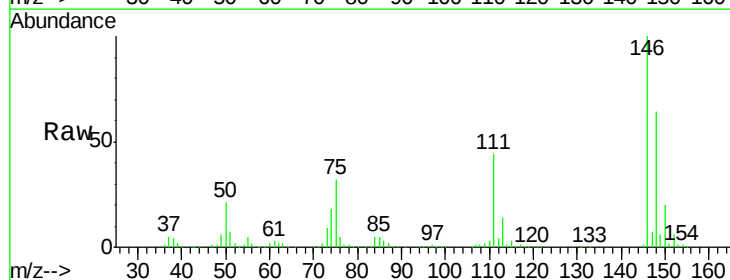
Tgt Ion:146 Resp: 311217

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

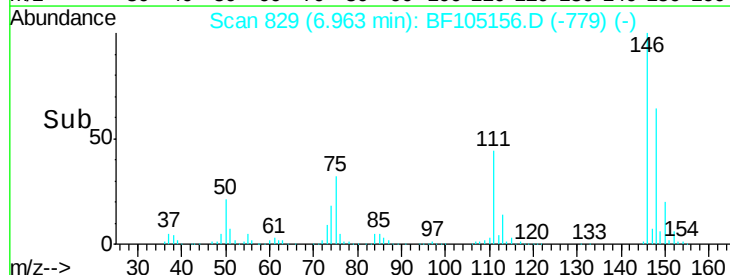
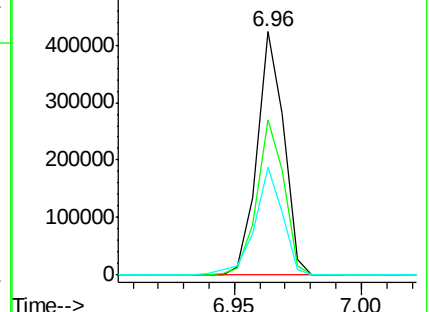
111 44.2 36.0 54.0

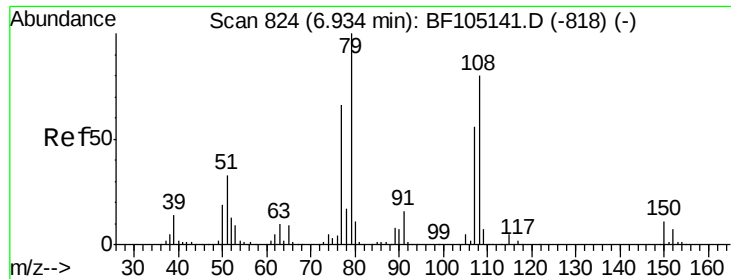


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.04 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampled :

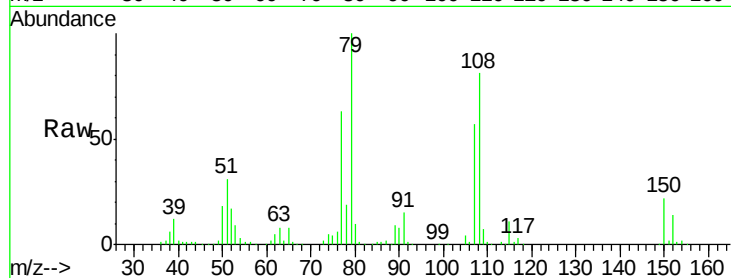
Tot Ion: 79 Resp: 253237

Ion Ratio Lower Upper

79 100

108 80.6 65.1 97.7

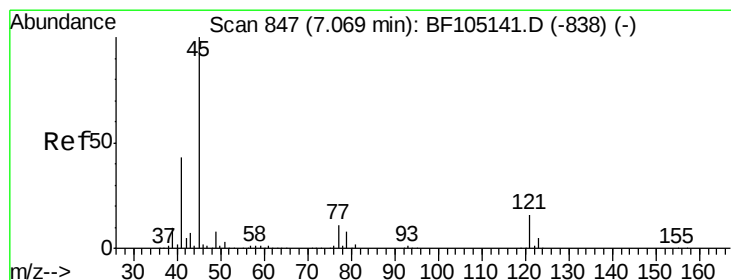
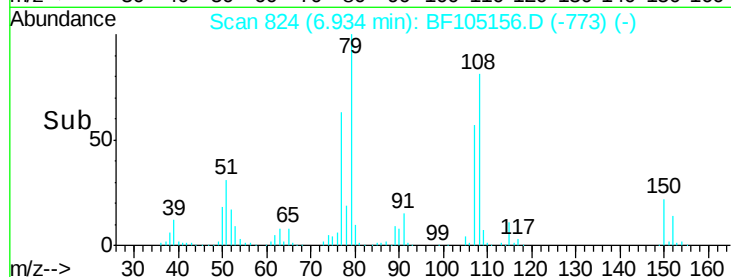
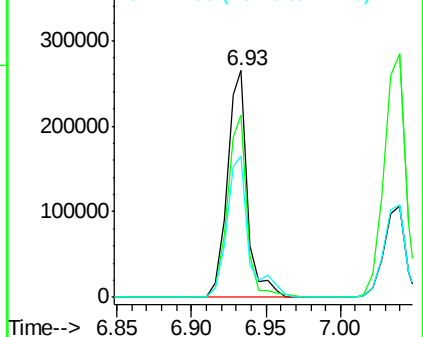
77 62.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.81 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

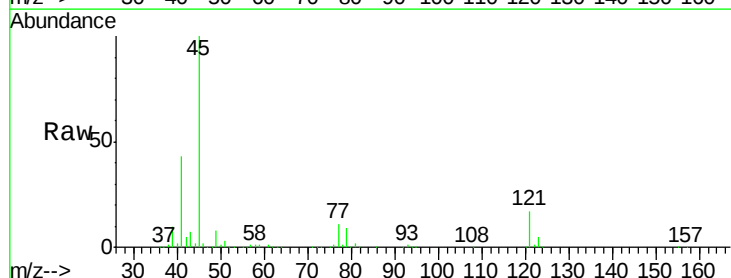
Tgt Ion: 45 Resp: 506993

Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.9

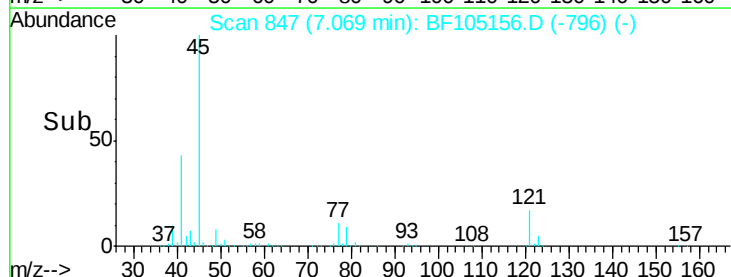
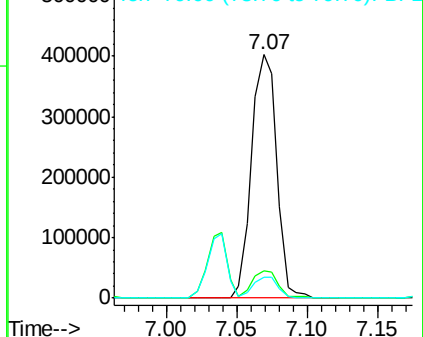
79 8.8 0.0 29.6

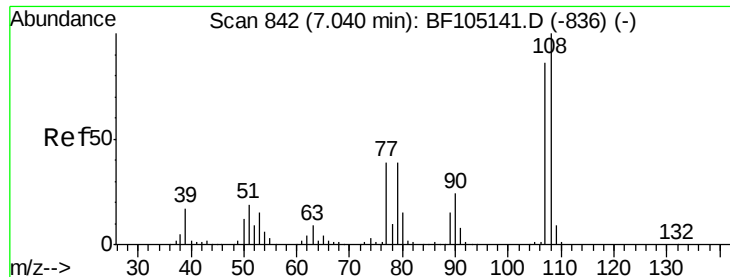


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

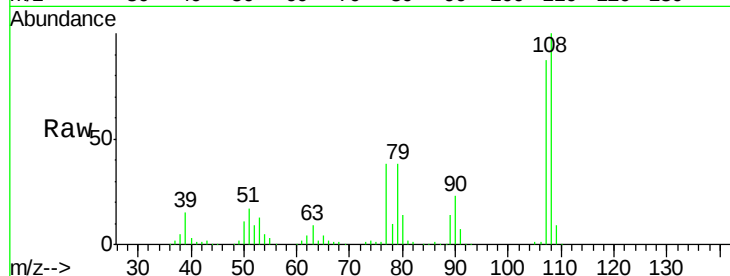




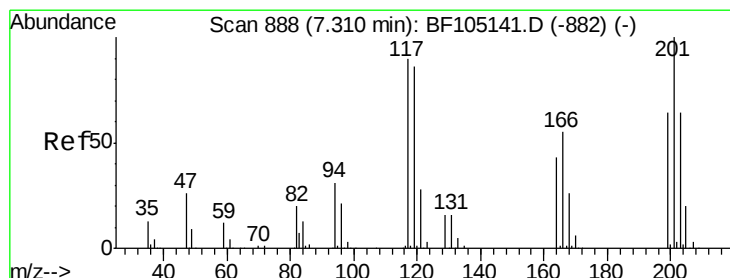
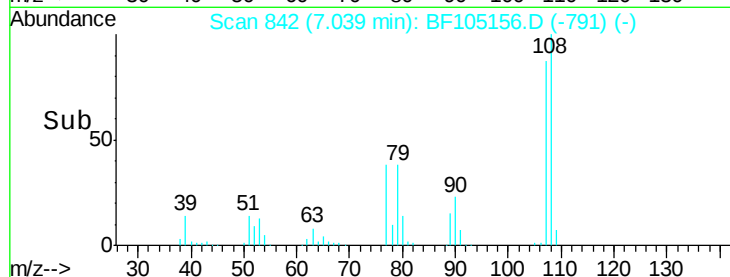
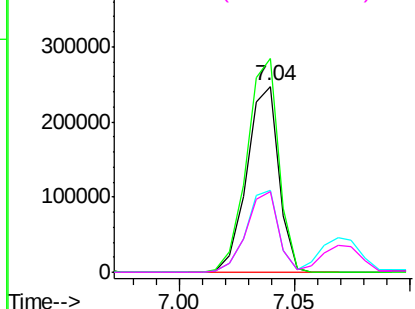
#17
2-Methylphenol
Concen: 20.85 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 240774
Ion Ratio Lower Upper
107 100
108 114.9 91.7 137.5
77 44.0 33.8 50.8
79 43.4 33.8 50.8

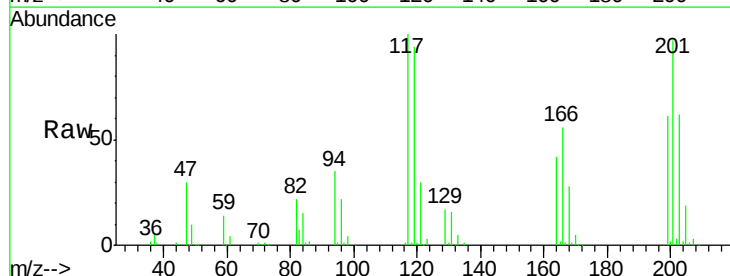


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

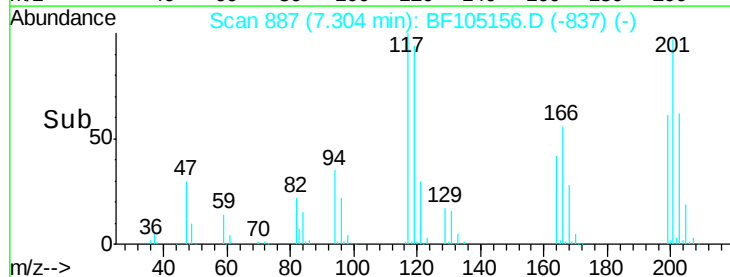
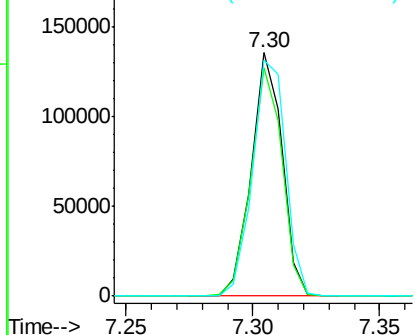


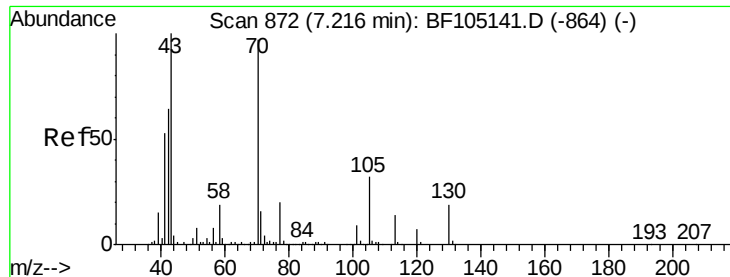
#18
Hexachloroethane
Concen: 22.20 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:117 Resp: 115174
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.8
201 96.9 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 21.34 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 212173

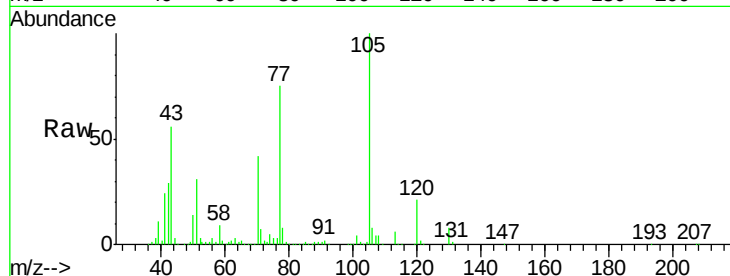
Ion Ratio Lower Upper

70 100

42 69.9 47.5 71.3

101 9.2 7.4 11.2

130 19.0 16.6 25.0

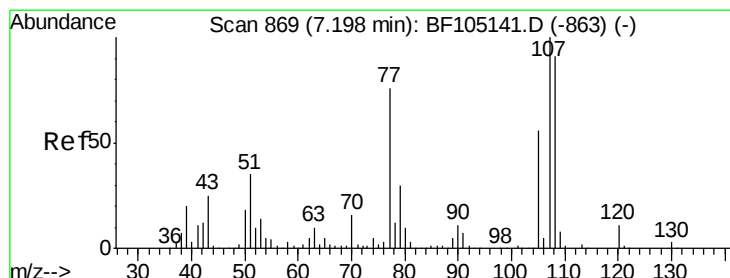
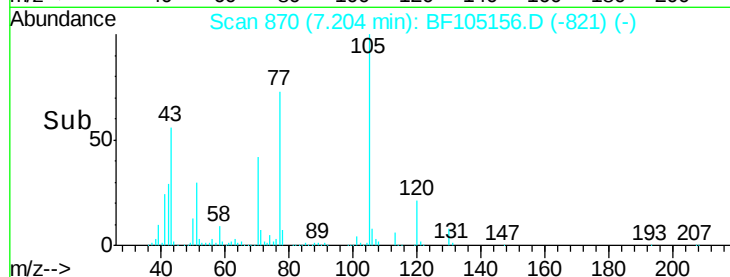
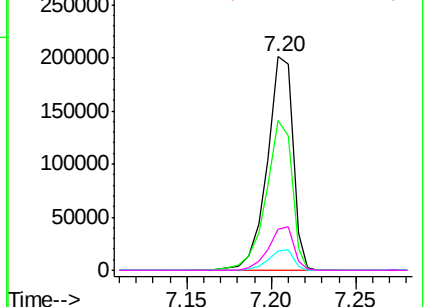


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 23.07 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion: 107 Resp: 313194

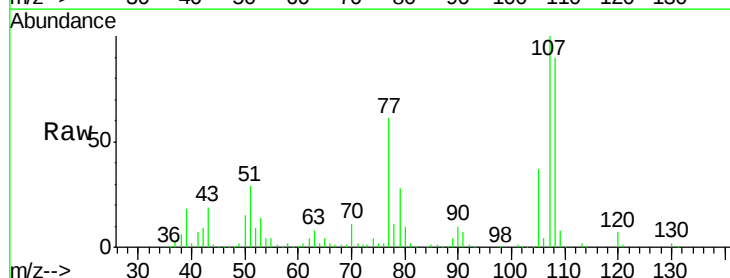
Ion Ratio Lower Upper

107 100

108 90.5 68.2 108.2

77 61.0 26.7 66.7

79 27.9 6.3 46.3

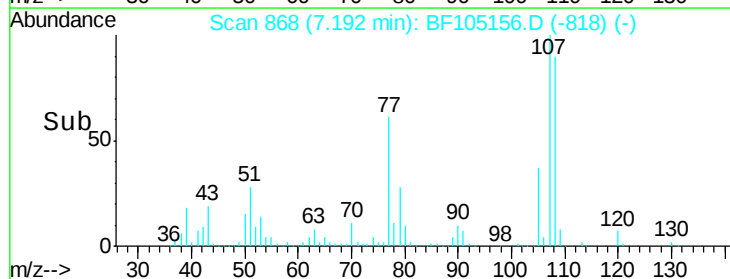
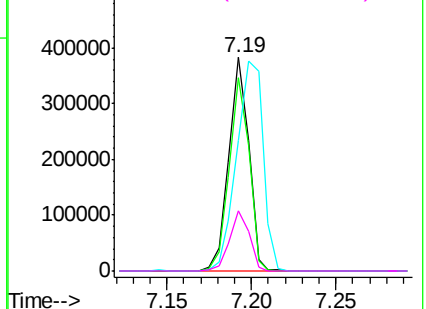


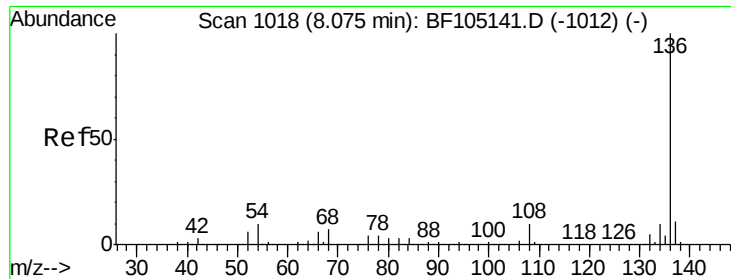
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 839541

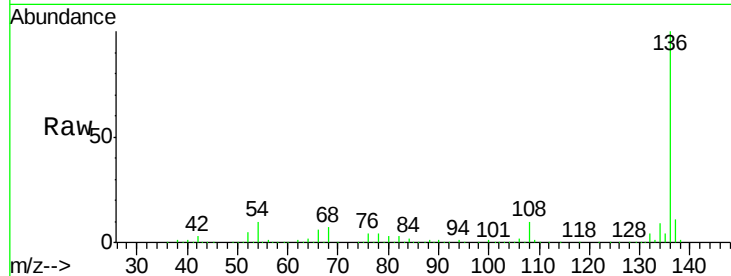
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.9 6.6 9.8#

68 6.6 5.0 7.4

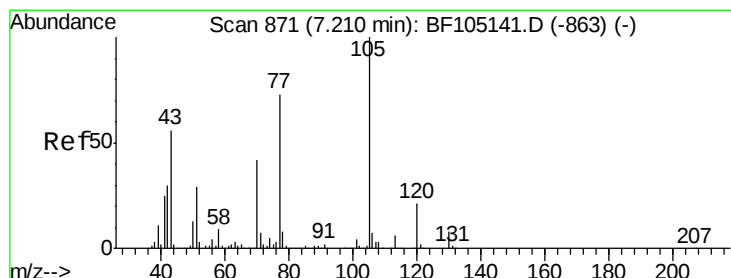
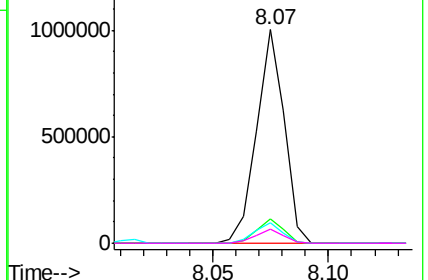
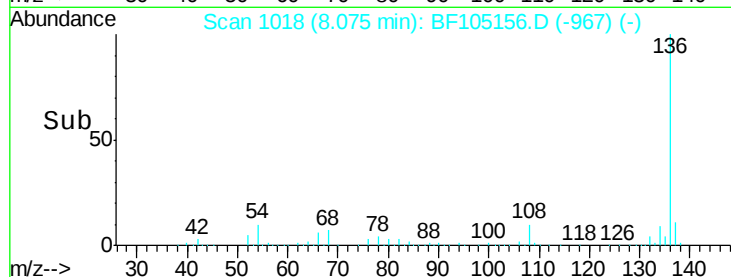


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 21.58 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:105 Resp: 422349

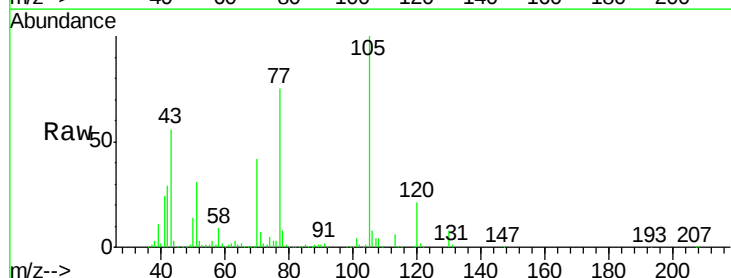
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 30.7 22.3 33.5

120 21.0 16.9 25.3

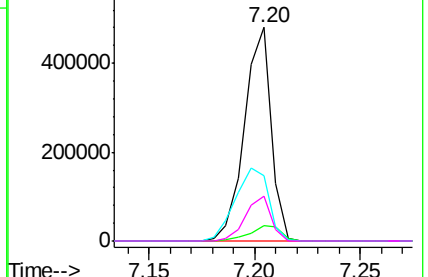
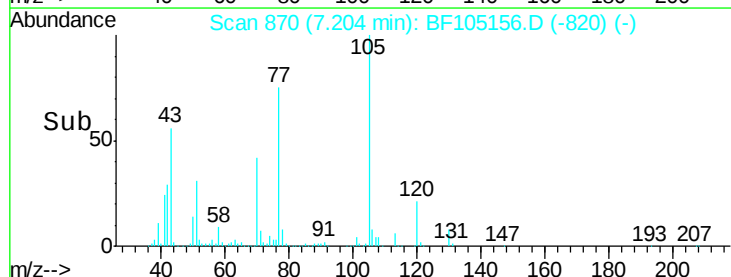


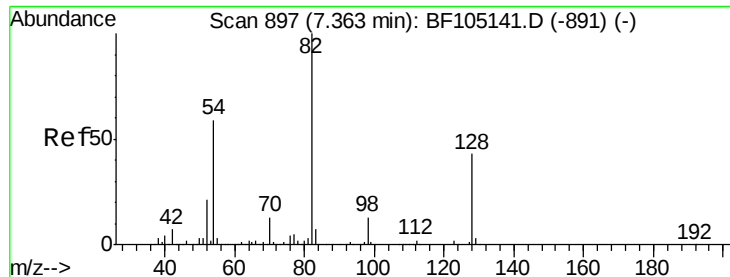
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

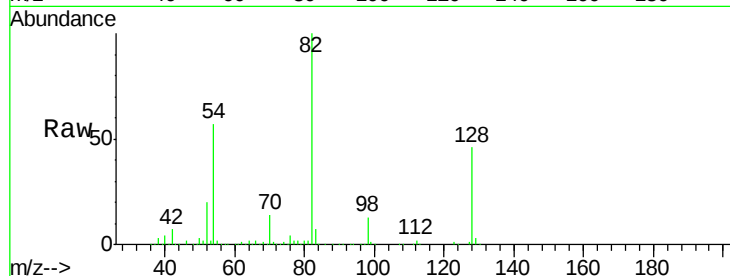




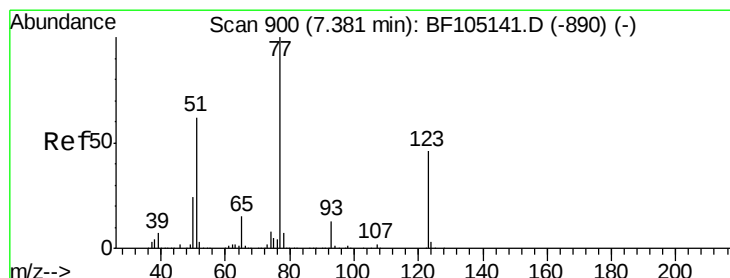
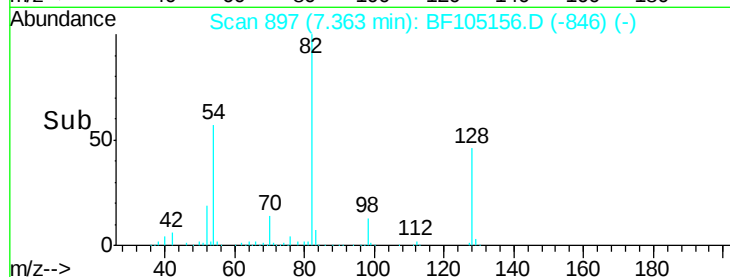
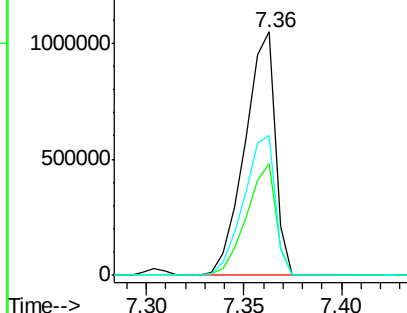
#23
Nitrobenzene-d5
Concen: 91.42 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1132498
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 57.4 41.4 62.2

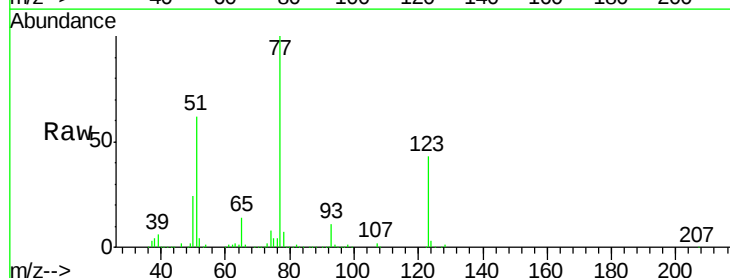


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

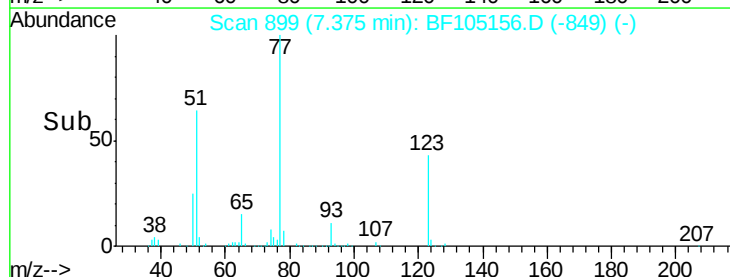
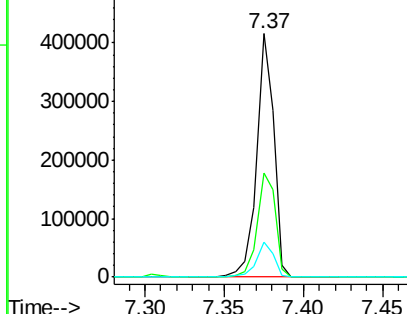


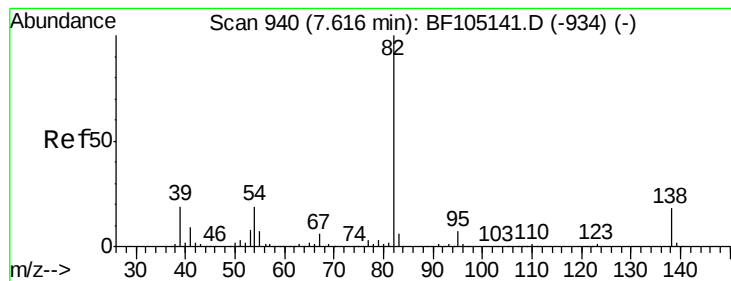
#24
Nitrobenzene
Concen: 22.07 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion: 77 Resp: 310001
Ion Ratio Lower Upper
77 100
123 42.7 37.9 56.9
65 14.3 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: 19.18 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

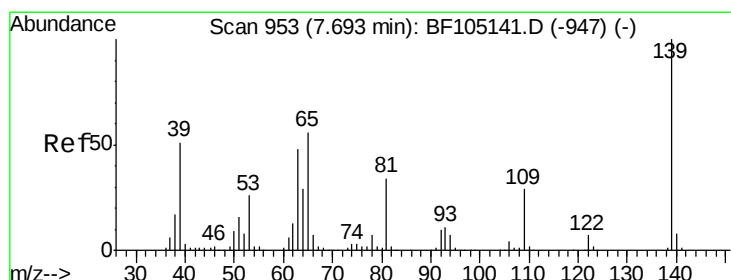
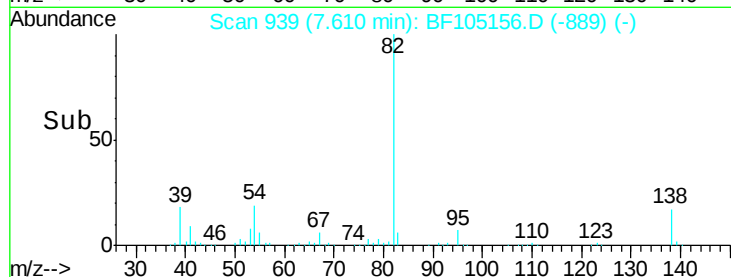
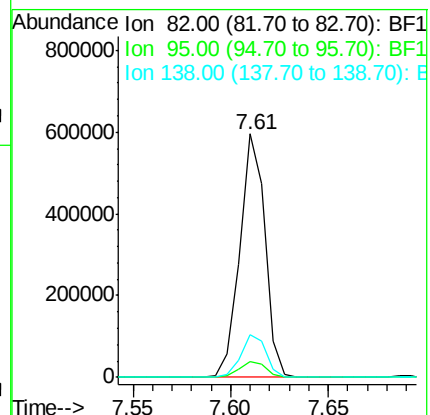
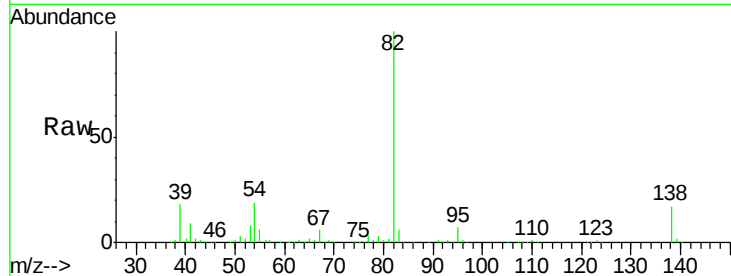
Tot Ion: 82 Resp: 531277

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.4 14.9 22.3



#26

2-Nitrophenol

Concen: 27.86 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

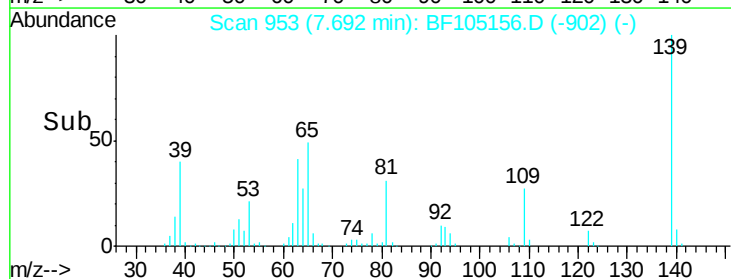
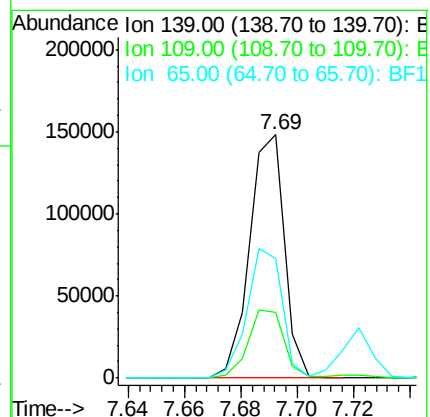
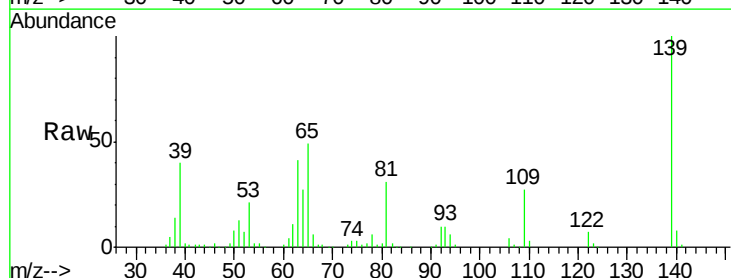
Tgt Ion: 139 Resp: 127036

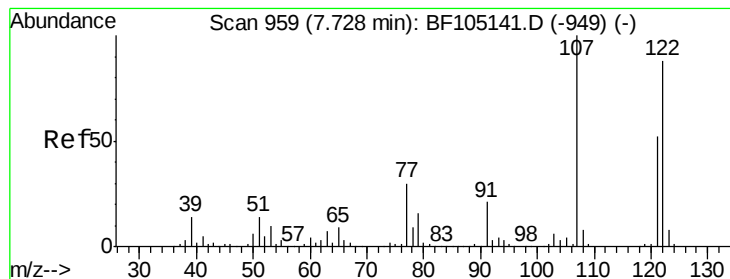
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 49.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 17.82 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

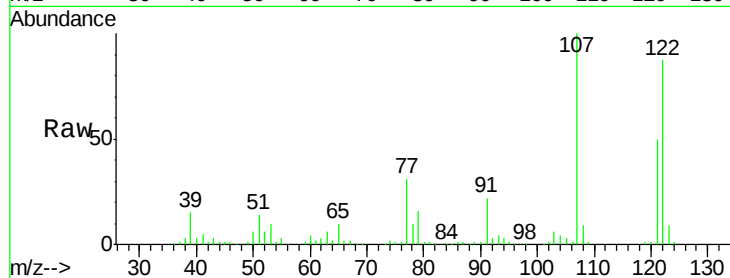
Tot Ion:122 Resp: 219363

Ion Ratio Lower Upper

122 100

107 114.3 91.2 136.8

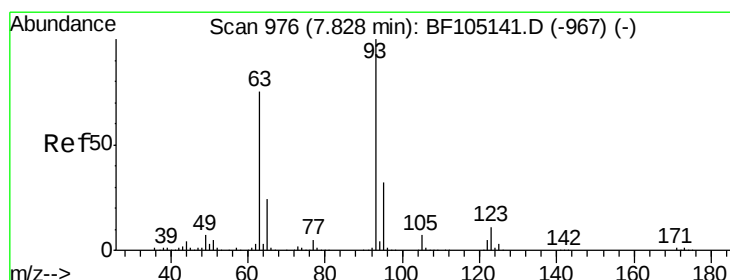
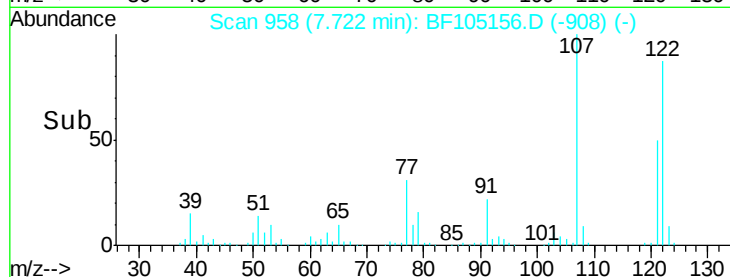
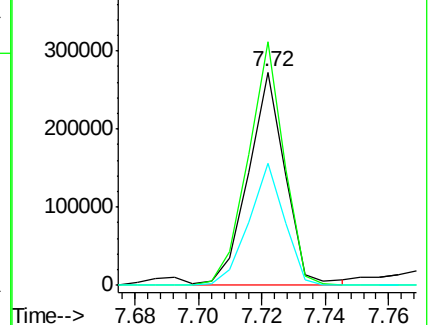
121 57.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 19.17 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

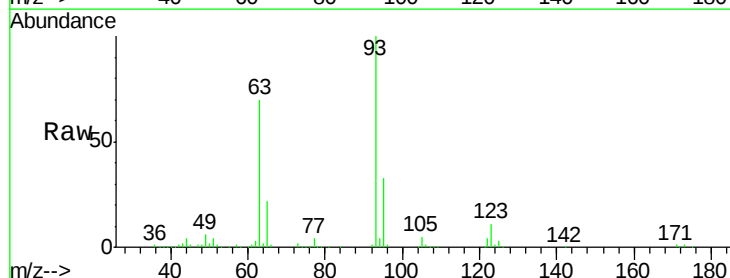
Tgt Ion: 93 Resp: 327815

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

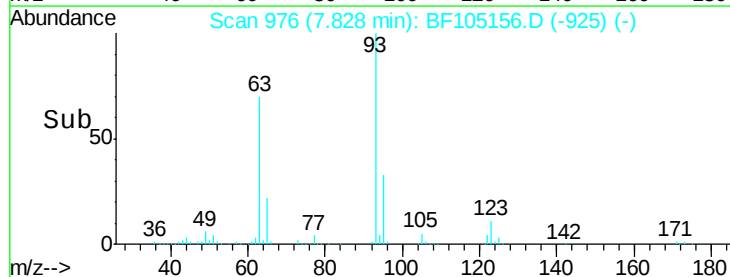
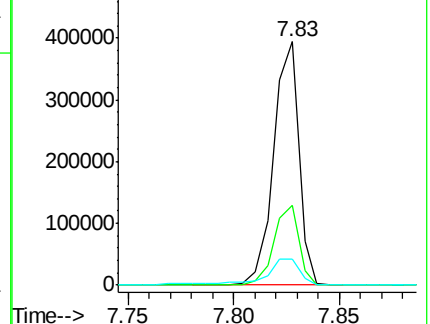
123 10.9 9.8 14.6

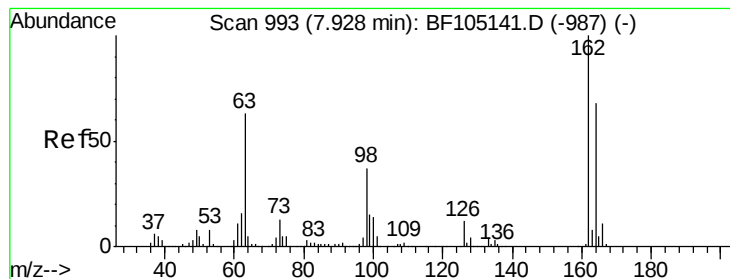


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 20.17 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

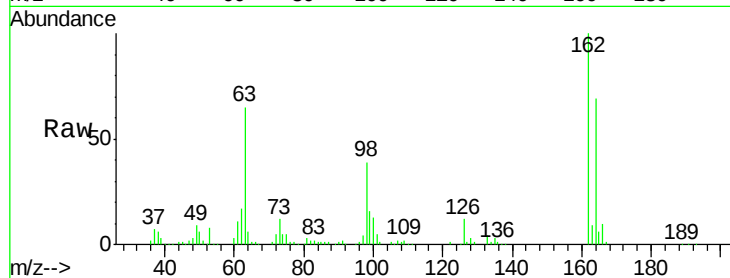
Tot Ion:162 Resp: 232258

Ion Ratio Lower Upper

162 100

164 68.7 42.7 82.7

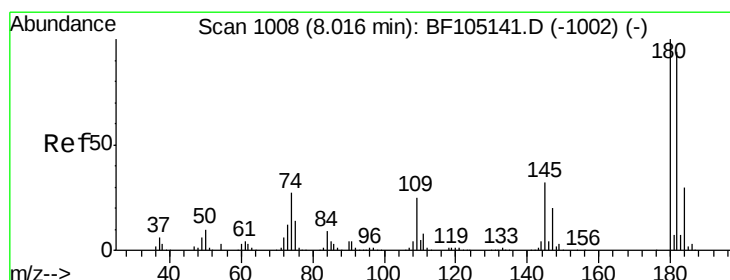
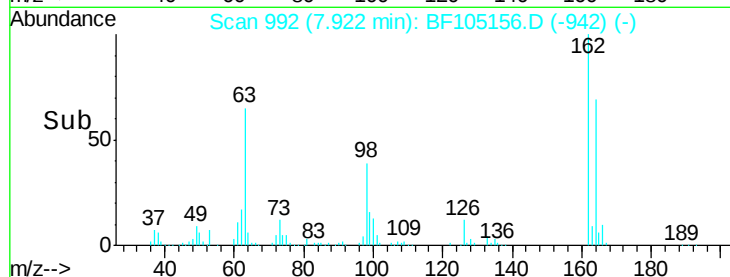
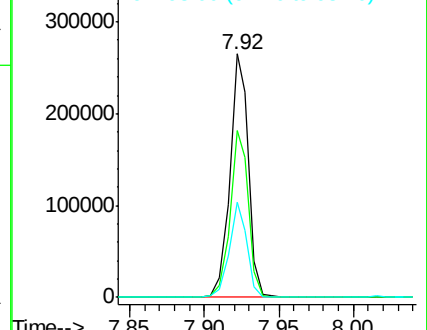
98 39.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 21.31 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

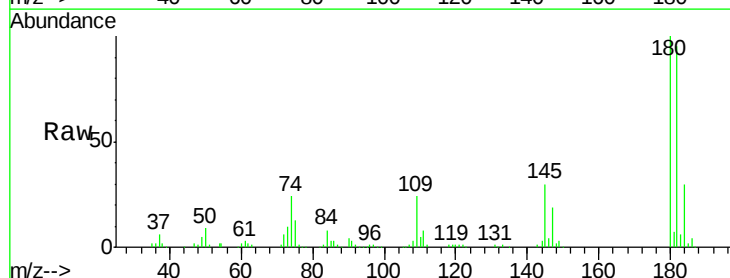
Tgt Ion:180 Resp: 283069

Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

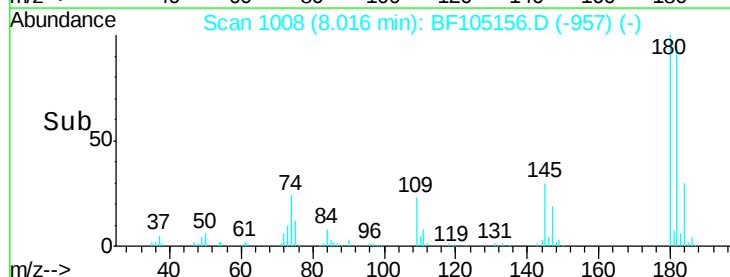
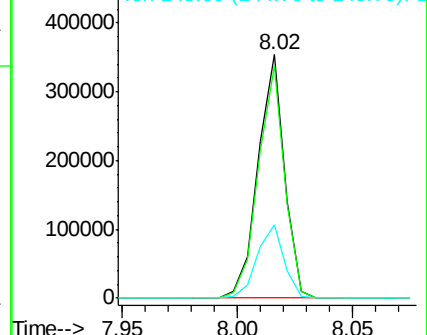
145 30.2 26.5 39.7

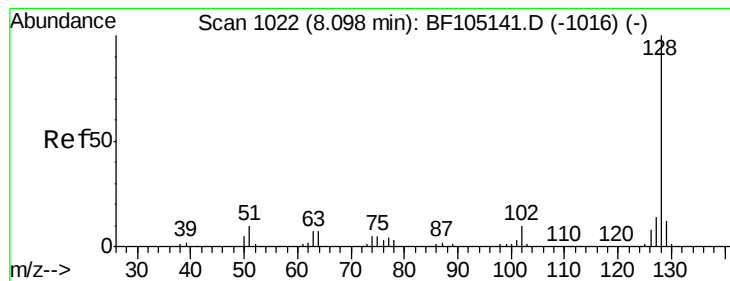


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 20.74 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

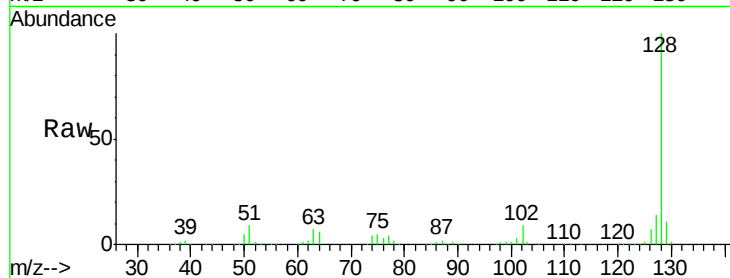
Tot Ion:128 Resp: 838226

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

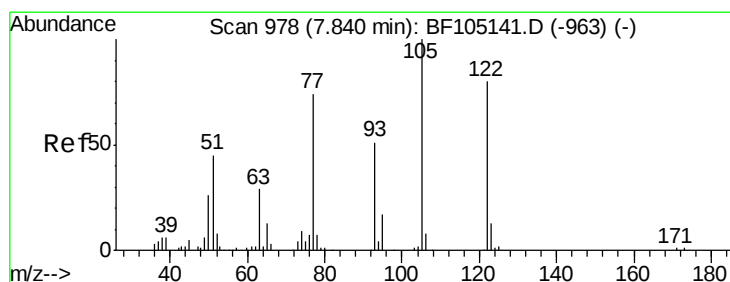
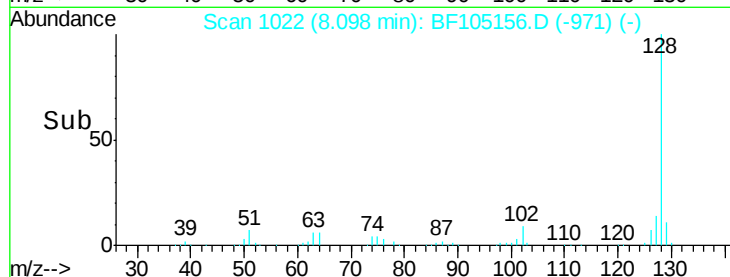
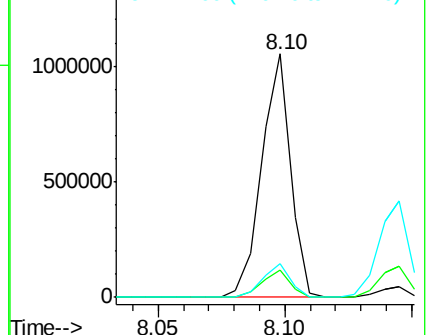
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.78 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

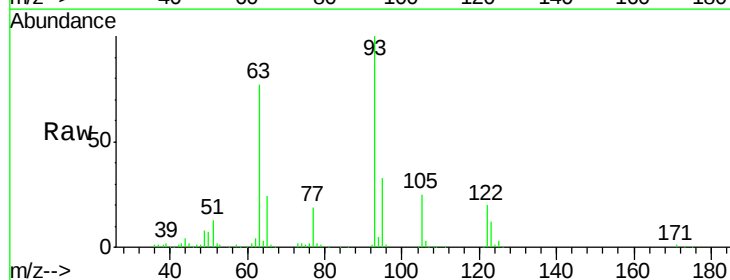
Tgt Ion:122 Resp: 178868

Ion Ratio Lower Upper

122 100

105 123.9 101.1 141.1

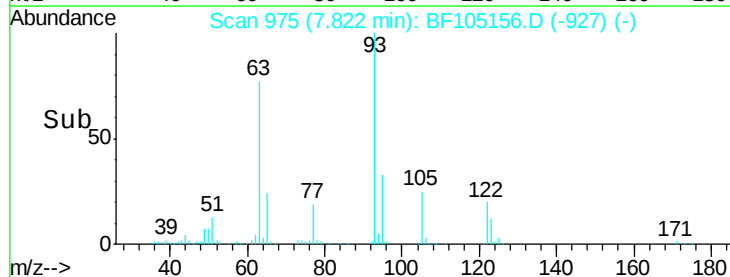
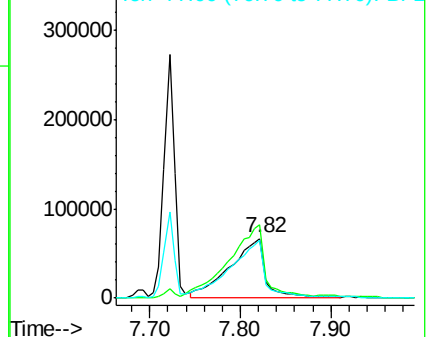
77 97.5 70.7 110.7

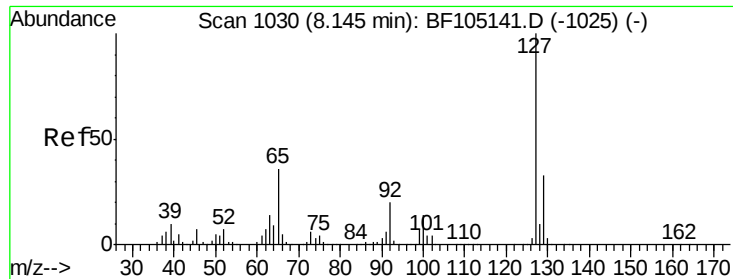


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

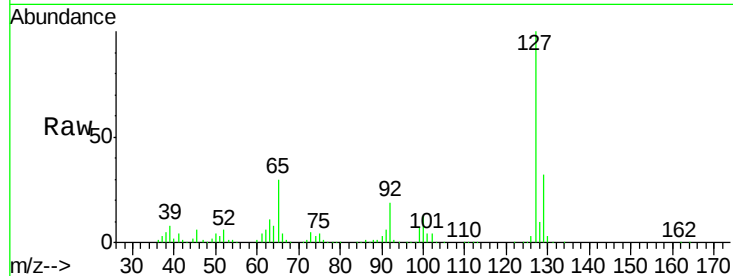




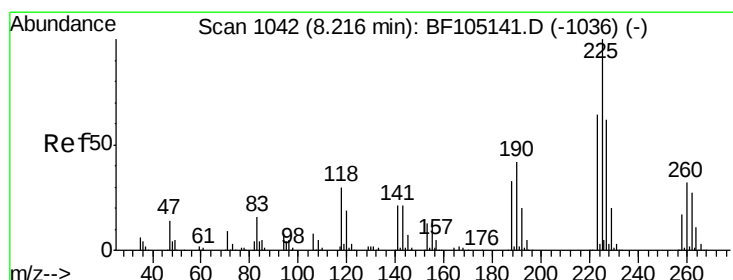
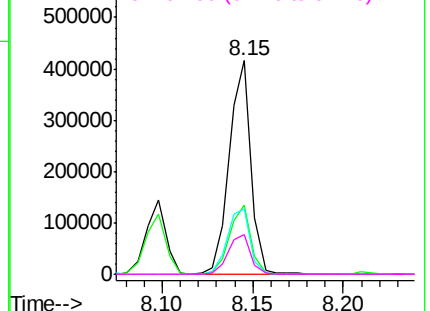
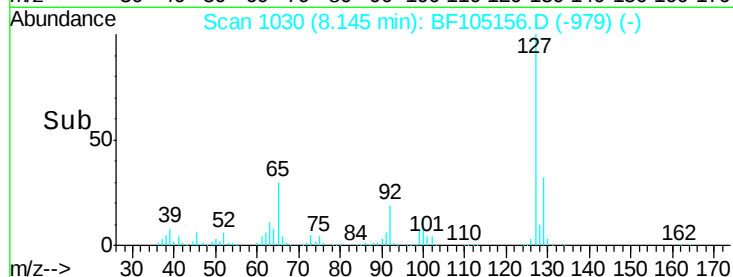
#33
4-Chloroaniline
Concen: 20.57 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	345731
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	30.5	25.0	37.4
92	18.8	15.2	22.8

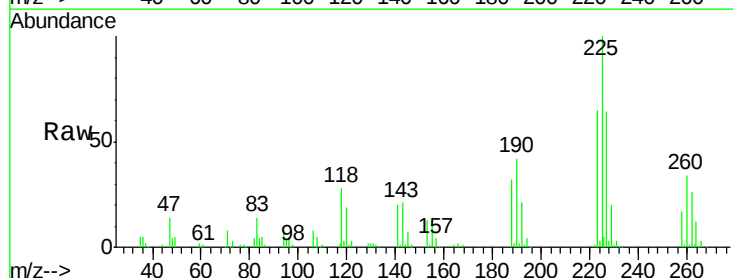


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

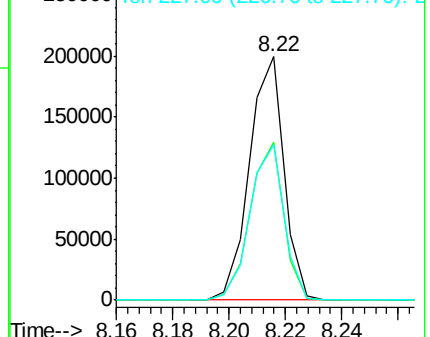
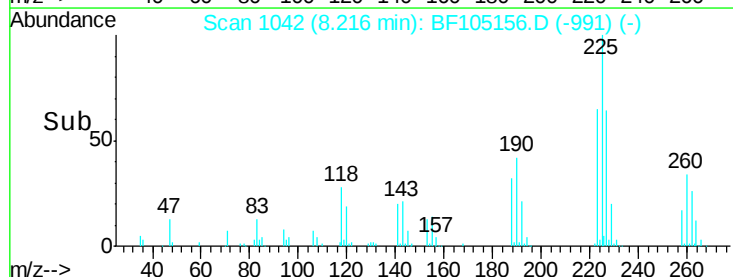


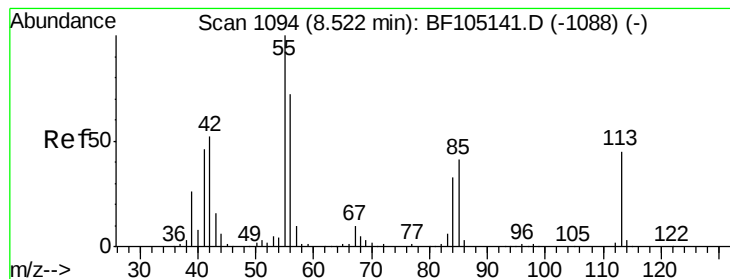
#34
Hexachlorobutadiene
Concen: 21.96 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:	225	Resp:	169011
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	63.5	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: 21.04 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

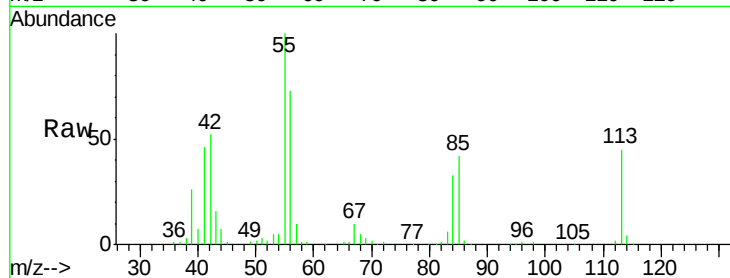
Tot Ion:113 Resp: 73603

Ion Ratio Lower Upper

113 100

55 220.7 163.3 203.3#

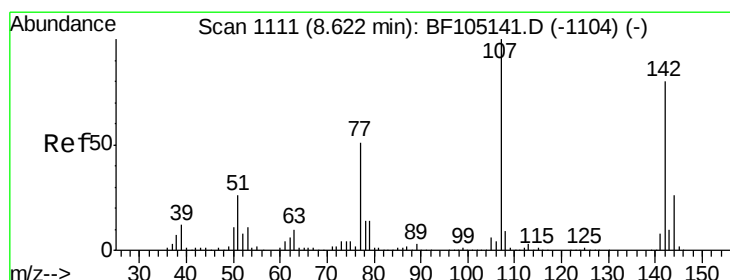
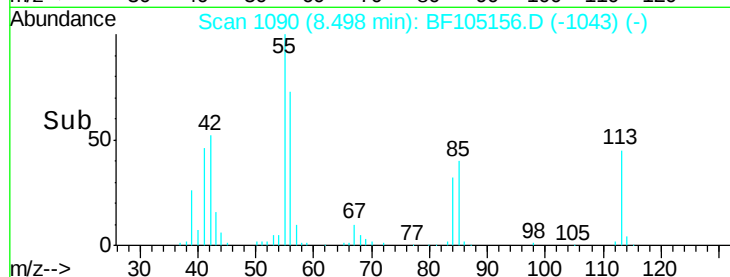
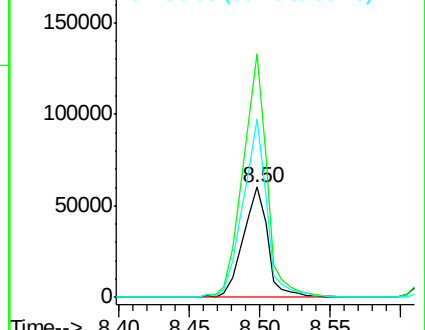
56 161.9 115.7 155.7#



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: 20.17 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

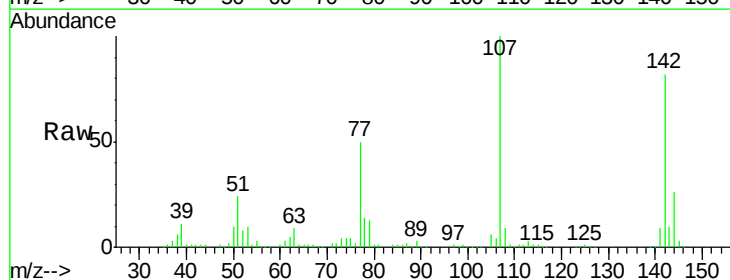
Tgt Ion:107 Resp: 241883

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

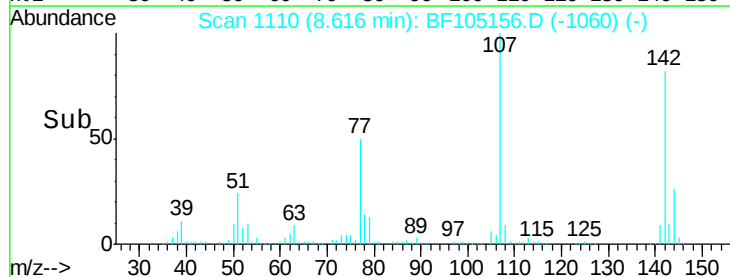
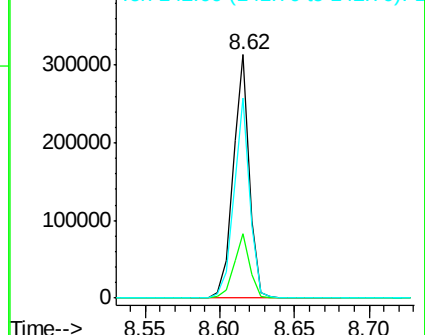
142 82.3 62.0 93.0

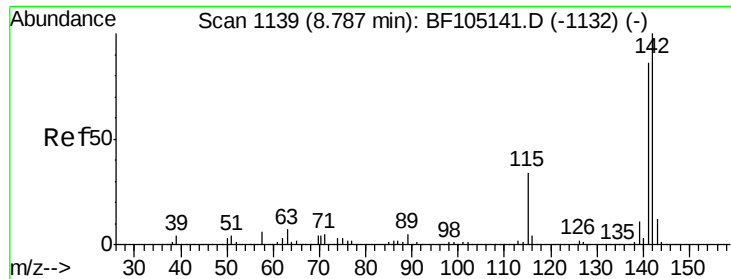


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

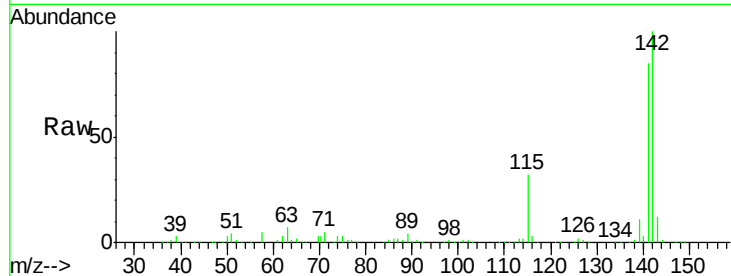




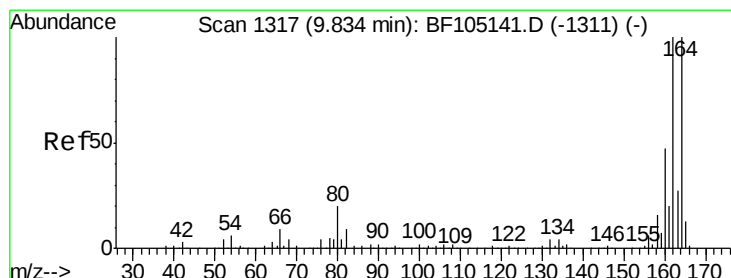
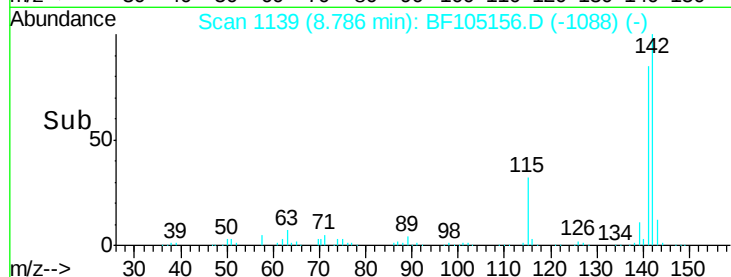
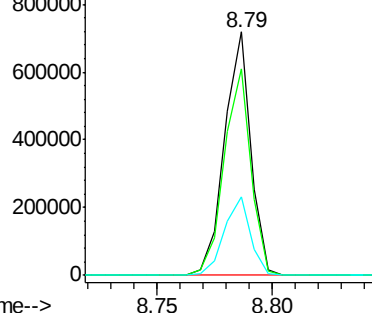
#37
2-Methylnaphthalene
Concen: 20.34 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 573100
Ion Ratio Lower Upper
142 100
141 84.7 70.8 106.2
115 32.0 26.1 39.1

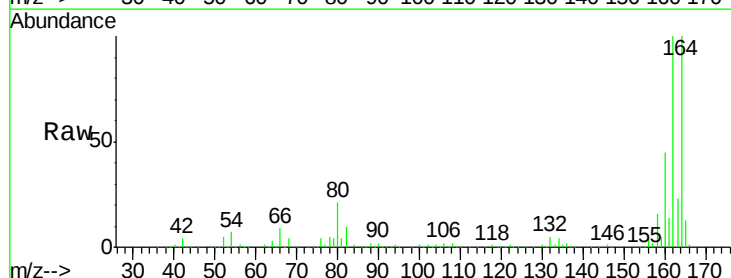


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

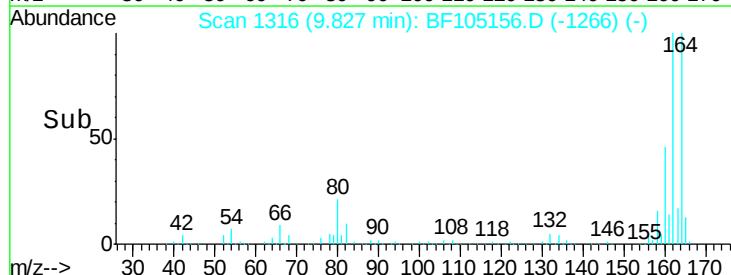
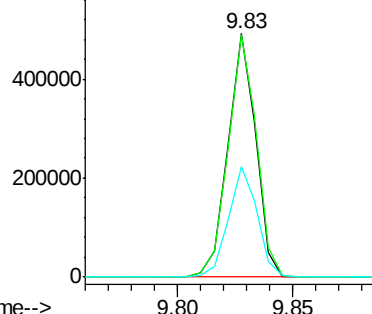


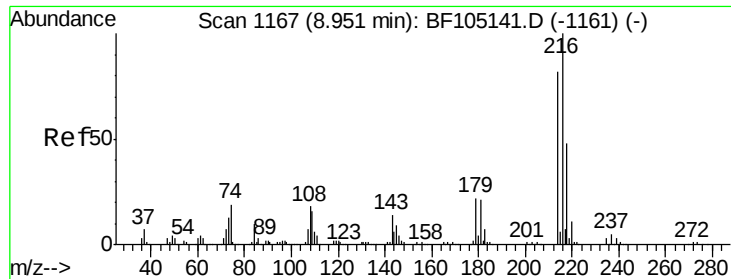
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:164 Resp: 413689
Ion Ratio Lower Upper
164 100
162 99.6 86.1 129.1
160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.16 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 278560

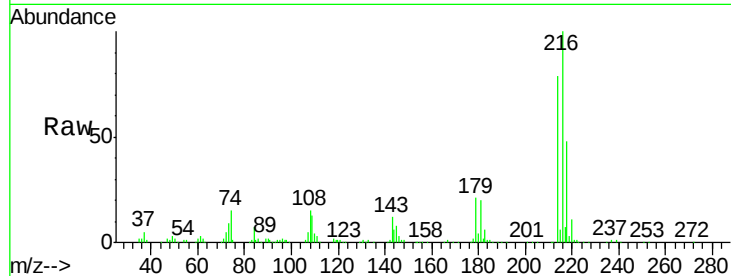
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 21.0 18.1 27.1

108 18.4 17.2 25.8

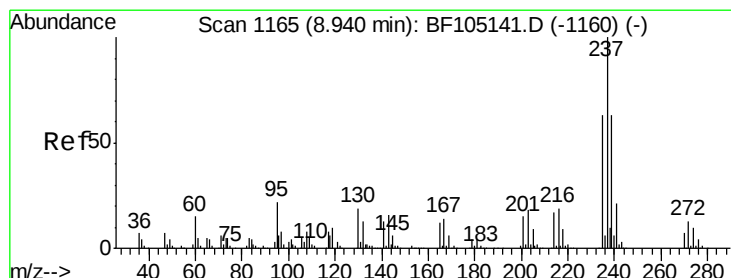
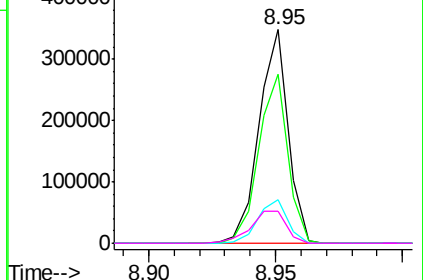
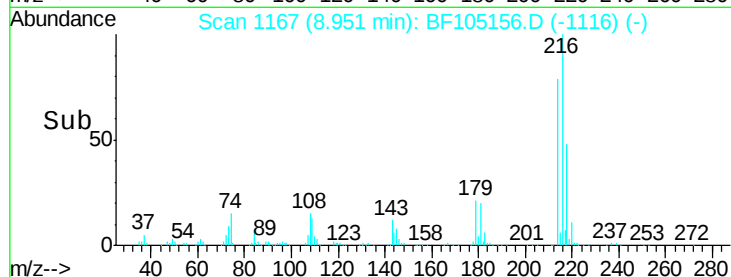


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 20.38 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

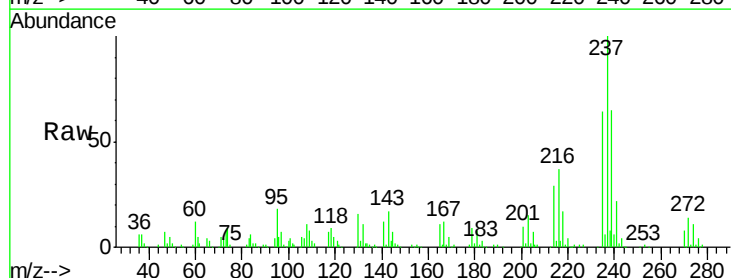
Tgt Ion:237 Resp: 145058

Ion Ratio Lower Upper

237 100

235 64.3 44.8 84.8

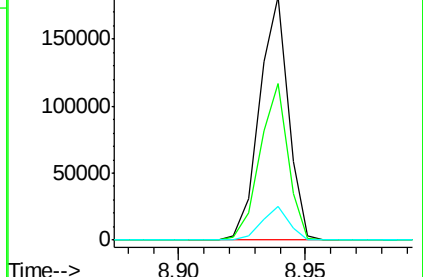
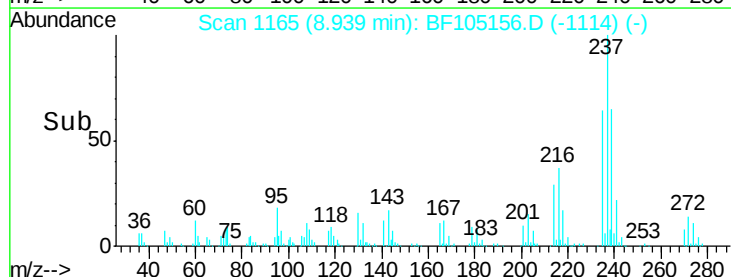
272 13.6 0.0 33.3

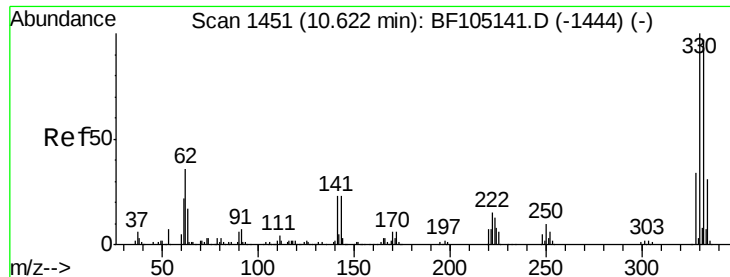


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

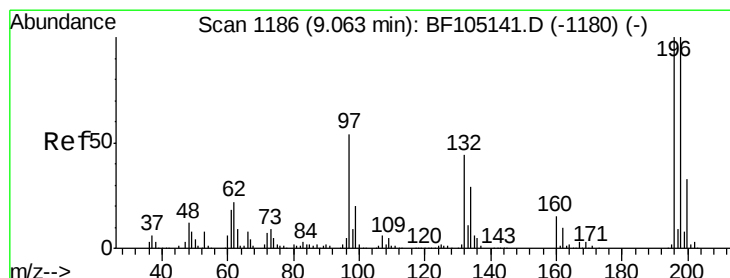
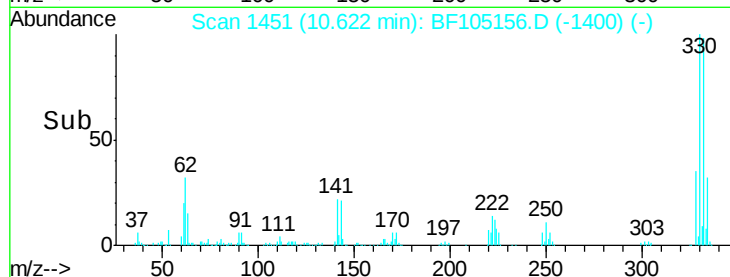
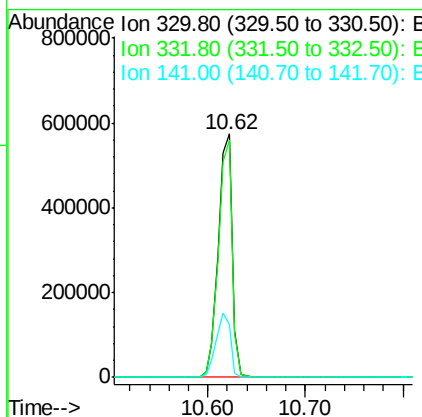
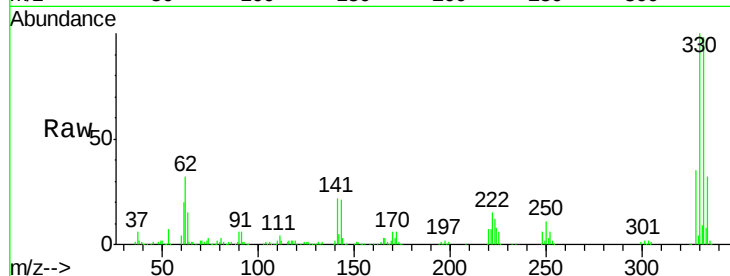




#41
 2,4,6-Tribromophenol
 Concen: 124.95 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

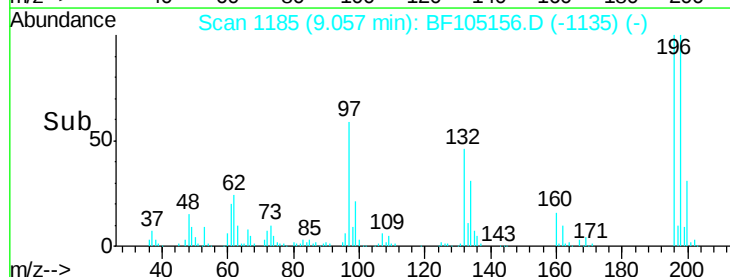
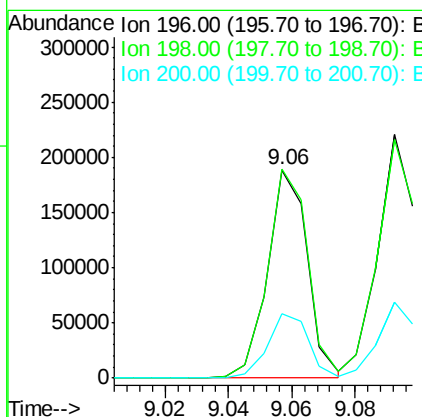
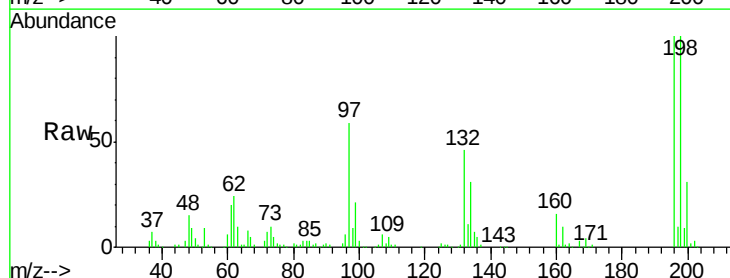
Instrument :
 BNA_F
 ClientSampleId :

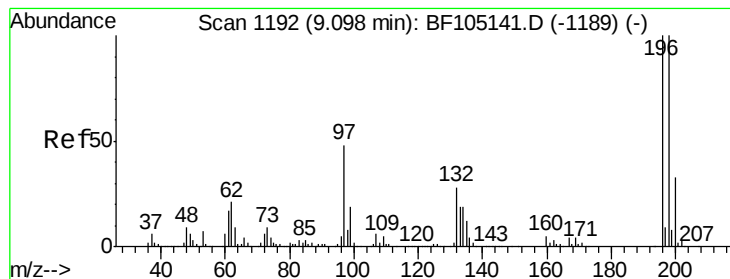
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	27.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 20.54 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	75.7	113.5
200	31.1	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 22.34 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 187504

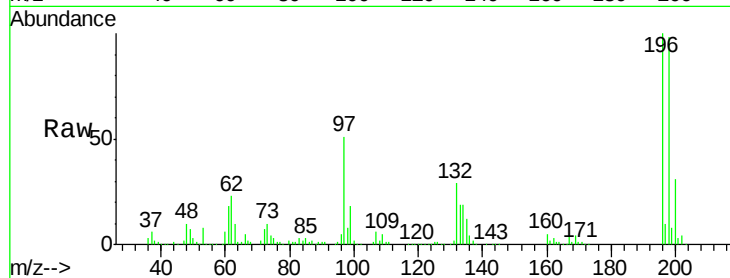
Ion Ratio Lower Upper

196 100

198 97.9 74.6 112.0

97 51.3 42.9 64.3

132 29.3 26.3 39.5

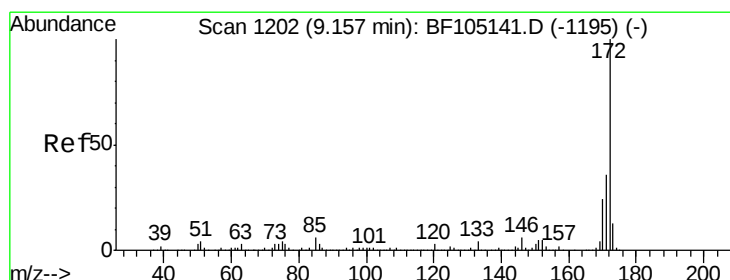
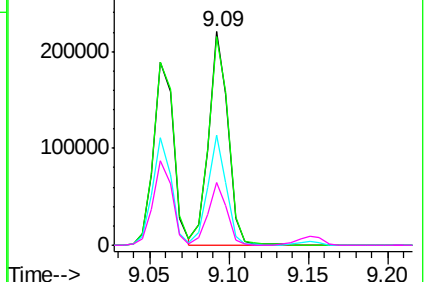
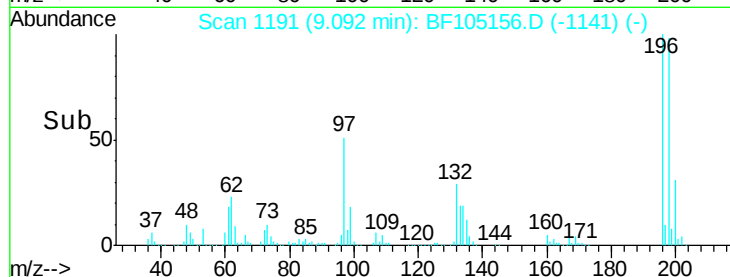


Abundance Ion 196.00 (195.70 to 196.70): E

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: 75.67 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

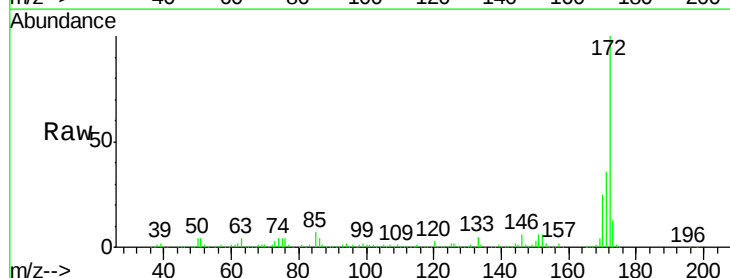
Tgt Ion:172 Resp: 2016813

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

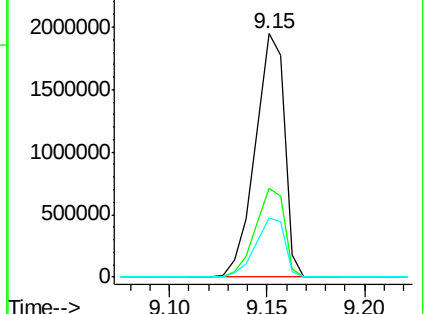
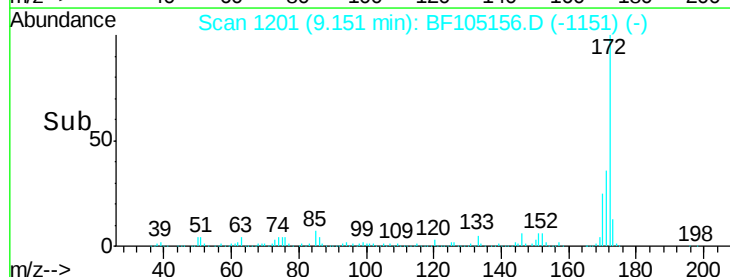
170 24.5 19.6 29.4

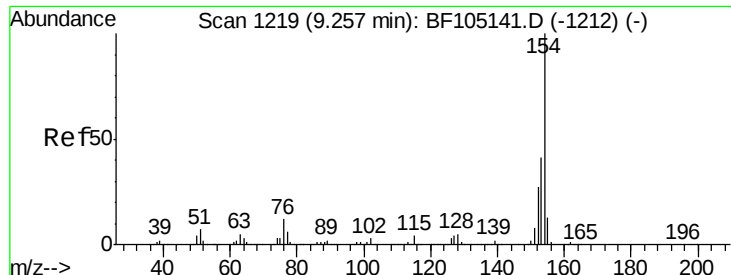


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

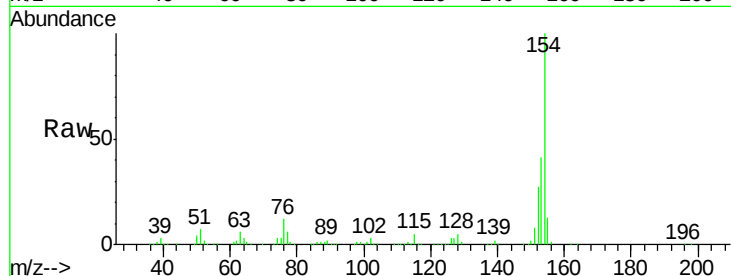




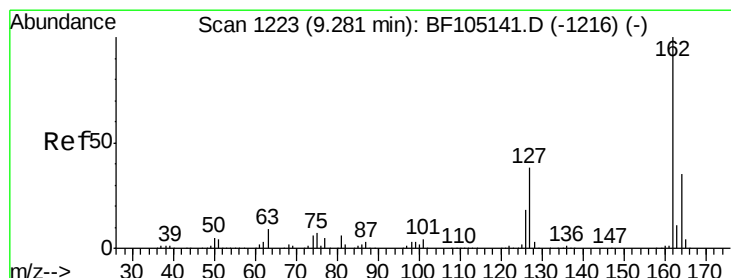
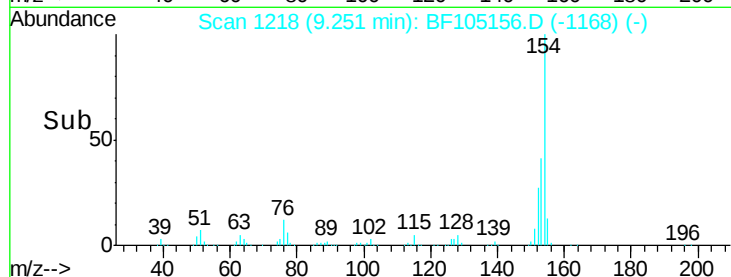
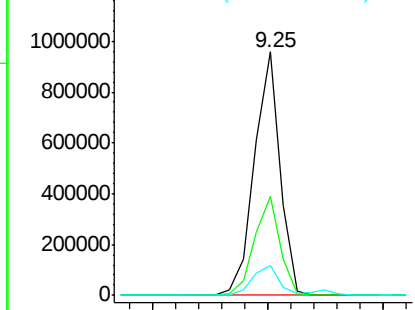
#45
1,1'-Biphenyl
Concen: 21.99 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 741047
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 12.3 0.0 34.0

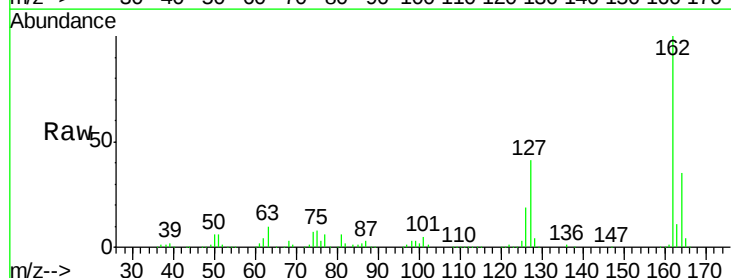


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

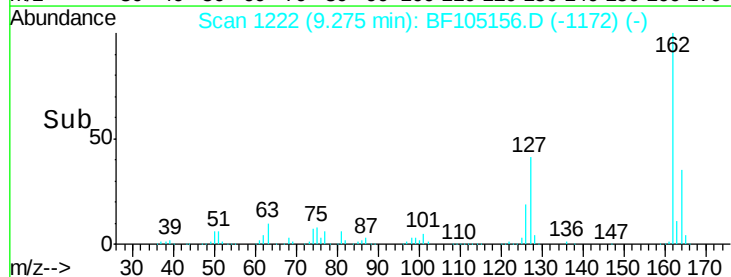
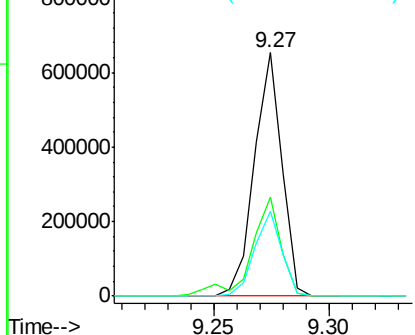


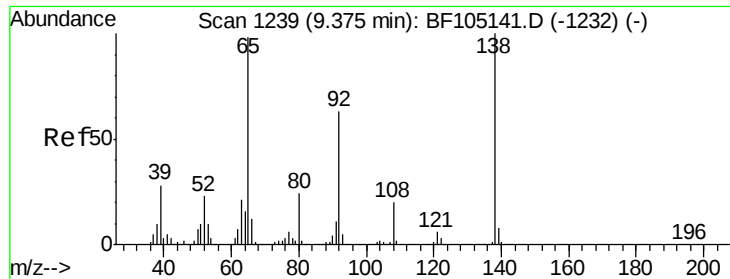
#46
2-Chloronaphthalene
Concen: 21.68 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:162 Resp: 546180
Ion Ratio Lower Upper
162 100
127 40.7 33.9 50.9
164 35.0 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

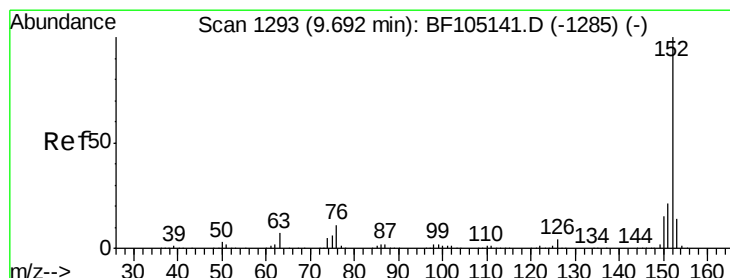
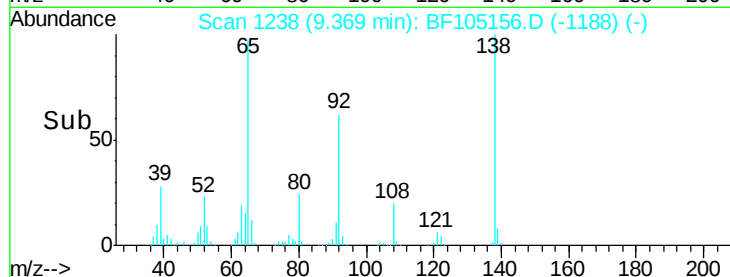
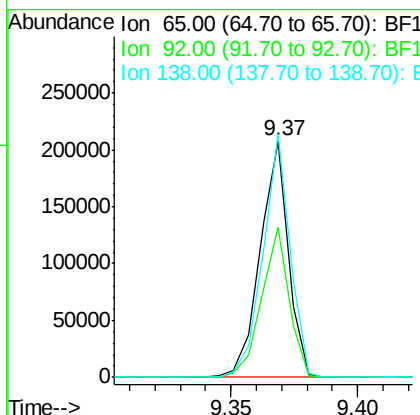
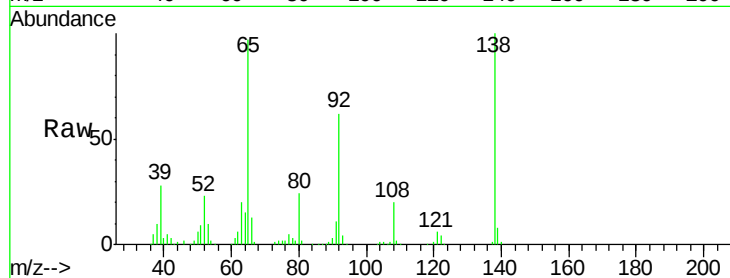




#47
2-Nitroaniline
Concen: 25.28 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

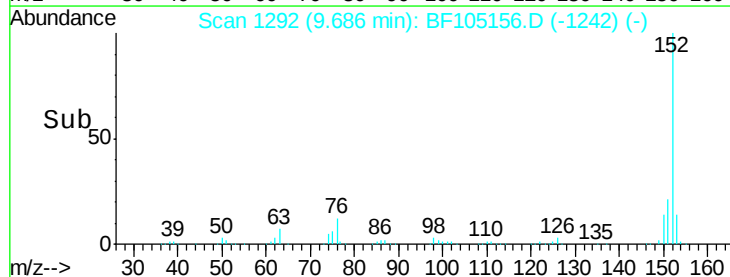
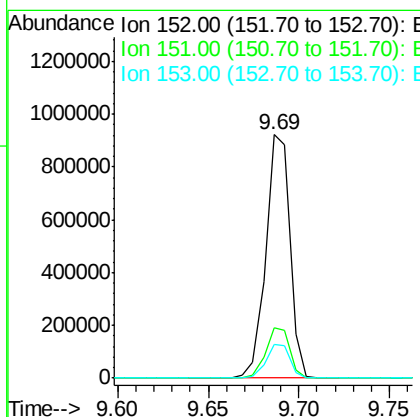
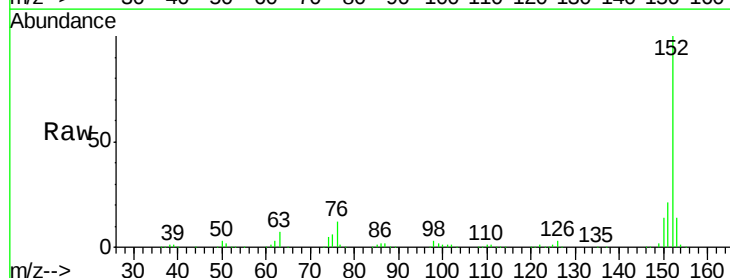
Instrument :
BNA_F
ClientSampled :

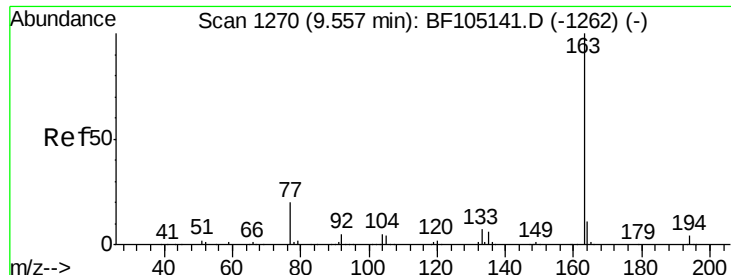
Tot Ion: 65 Resp: 160763
Ion Ratio Lower Upper
65 100
92 63.6 55.8 83.6
138 103.0 91.2 136.8



#48
Acenaphthylene
Concen: 21.98 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion: 152 Resp: 855038
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 10.7 16.1

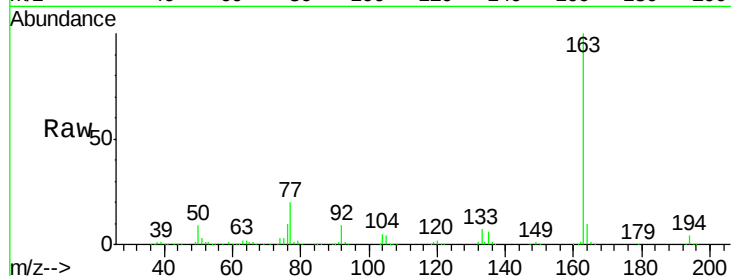




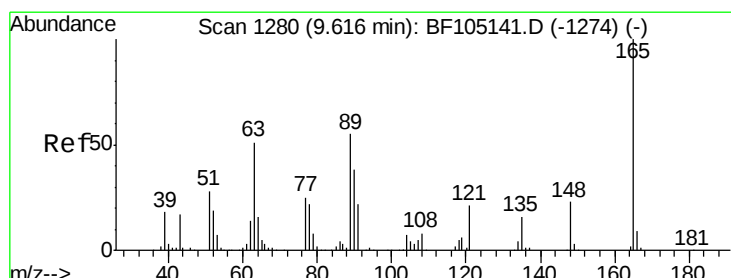
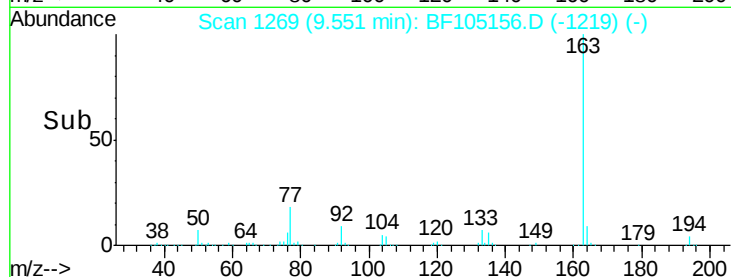
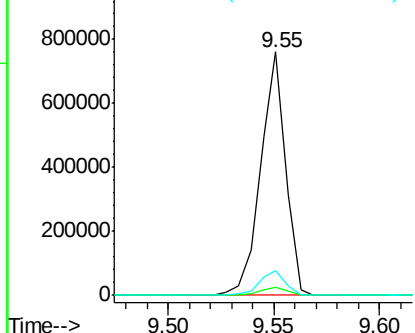
#49
Dimethylphthalate
Concen: 22.33 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 625248
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

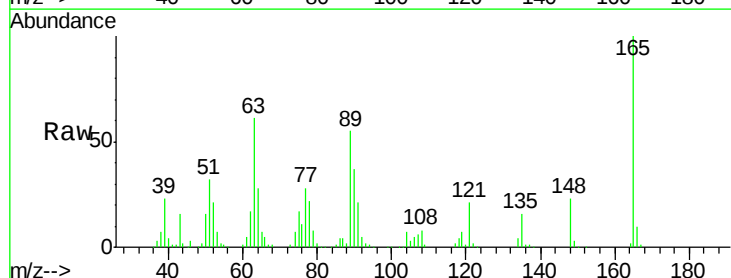


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

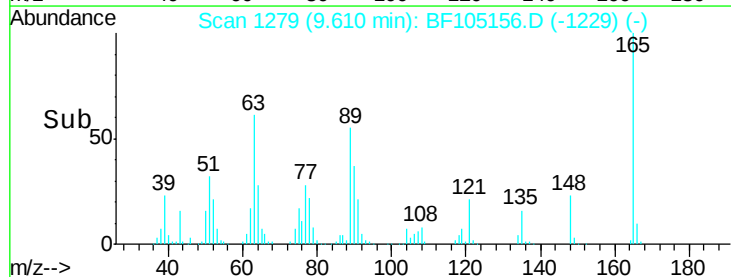
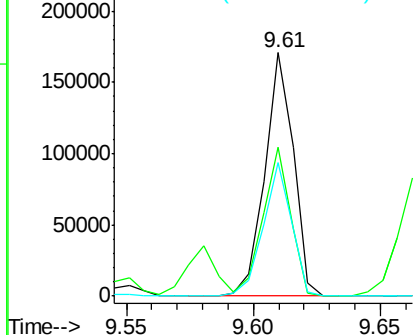


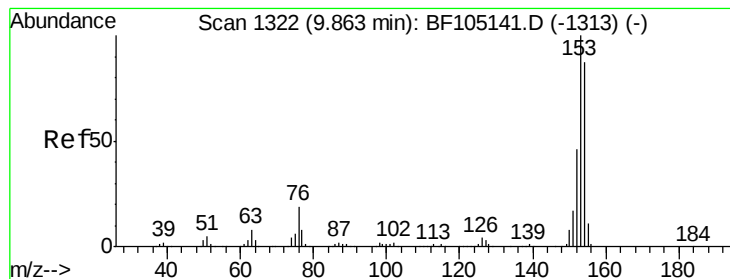
#50
2,6-Dinitrotoluene
Concen: 22.26 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:165 Resp: 135254
Ion Ratio Lower Upper
165 100
63 61.1 44.7 67.1
89 54.9 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: 21.86 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

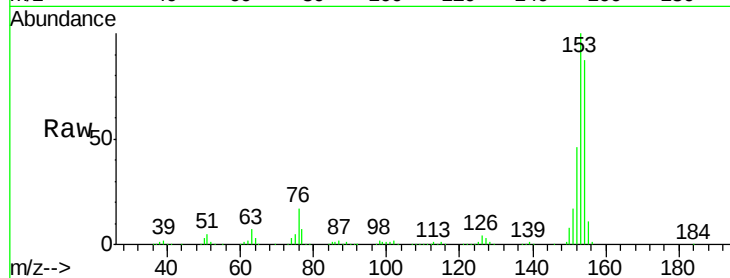
Tot Ion:154 Resp: 548198

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

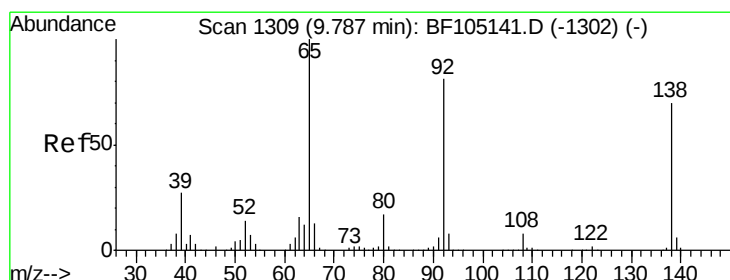
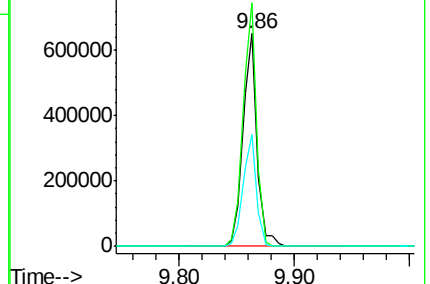
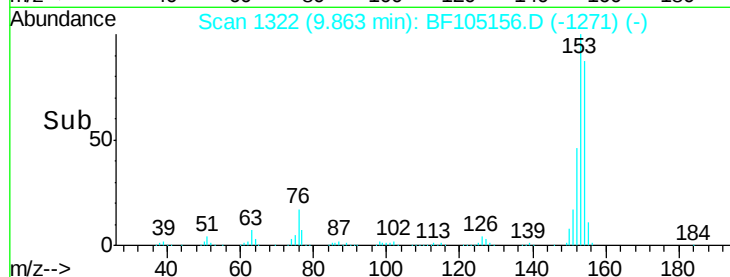
152 52.7 43.8 65.8



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: 22.98 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

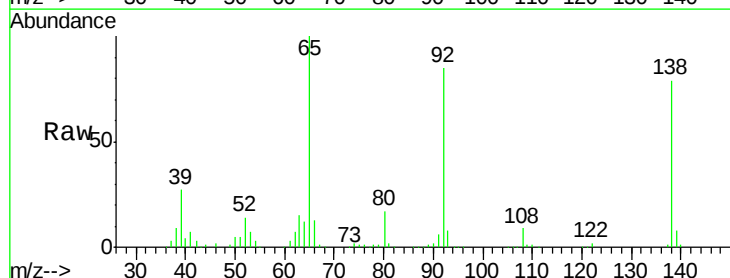
Tgt Ion:138 Resp: 147099

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

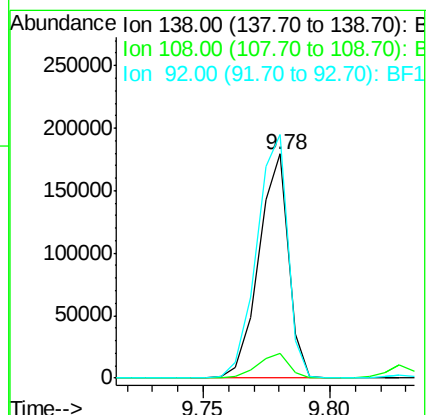
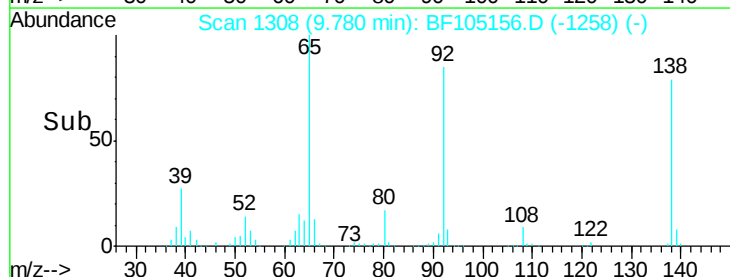
92 108.6 89.4 134.2

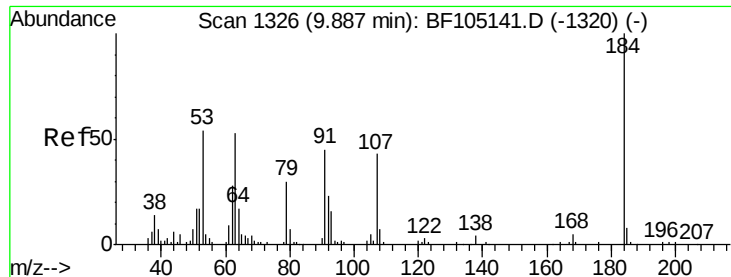


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

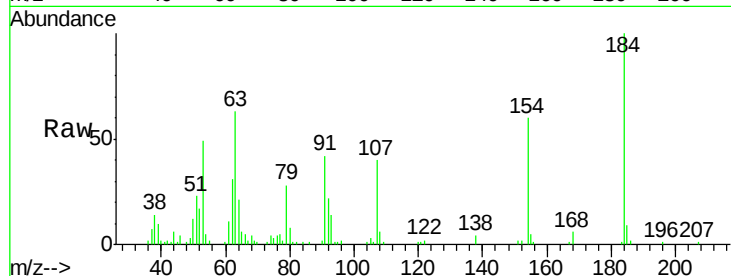




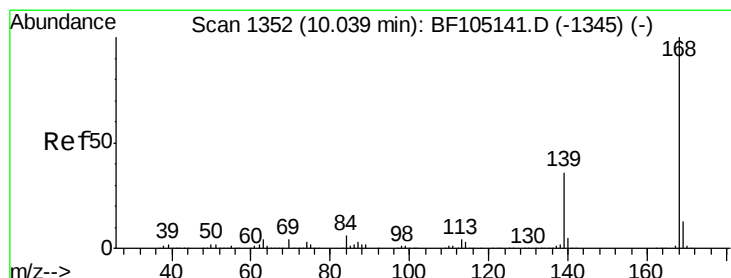
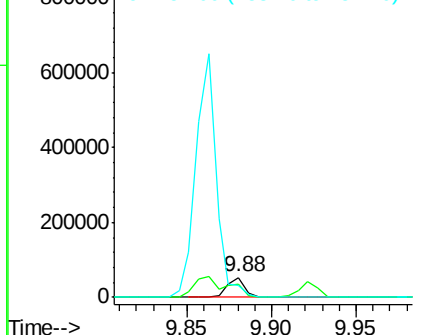
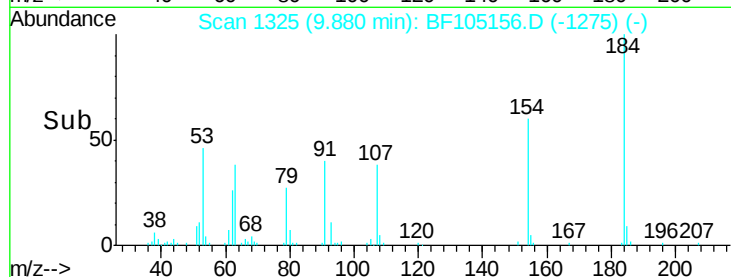
#53
 2,4-Dinitrophenol
 Concen: 29.63 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 40545
 Ion Ratio Lower Upper
 184 100
 63 63.0 54.2 81.2
 154 59.9 184.0 276.0#

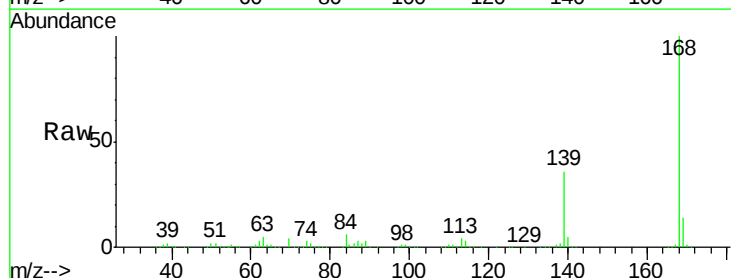


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

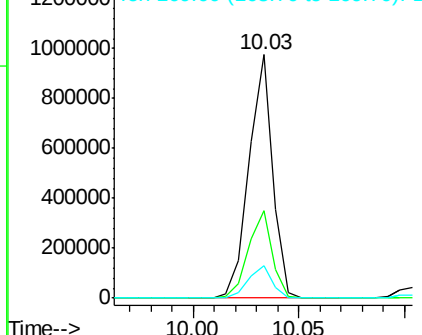
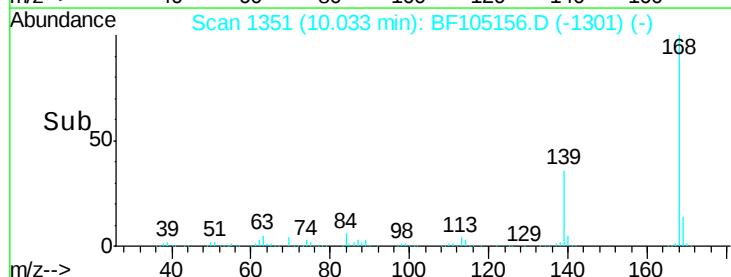


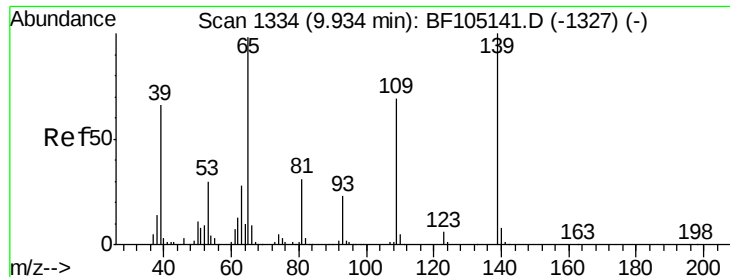
#54
 Dibenzofuran
 Concen: 20.70 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion:168 Resp: 759374
 Ion Ratio Lower Upper
 168 100
 139 35.7 30.1 45.1
 169 13.5 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: 22.23 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

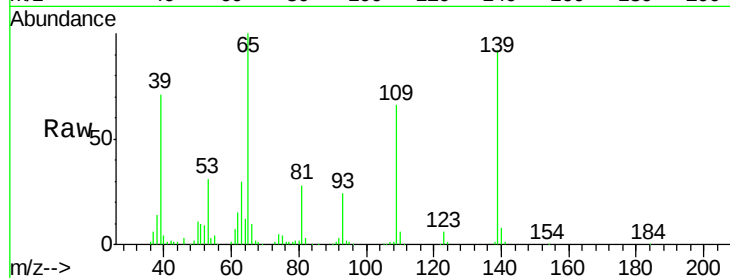
Tot Ion:139 Resp: 109170

Ion Ratio Lower Upper

139 100

109 71.6 48.4 88.4

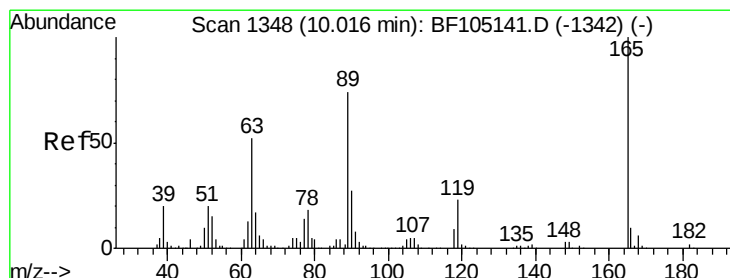
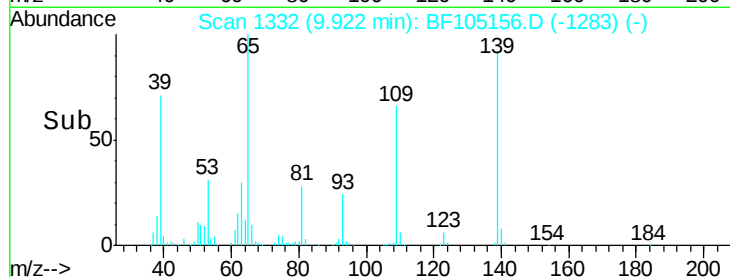
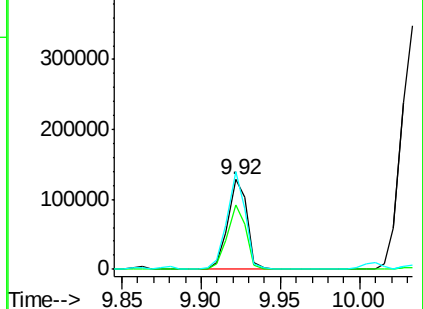
65 109.0 72.6 112.6



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: 23.96 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:165 Resp: 177789

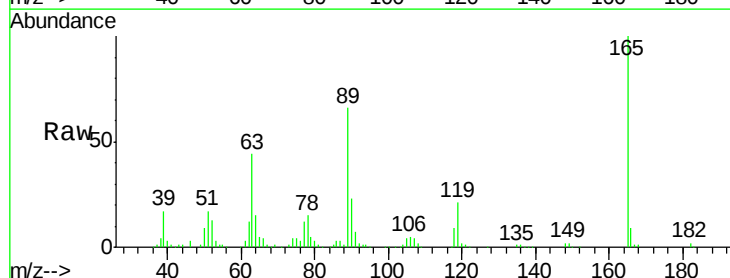
Ion Ratio Lower Upper

165 100

63 43.8 36.4 54.6

89 65.6 57.8 86.6

182 2.3 1.6 2.4

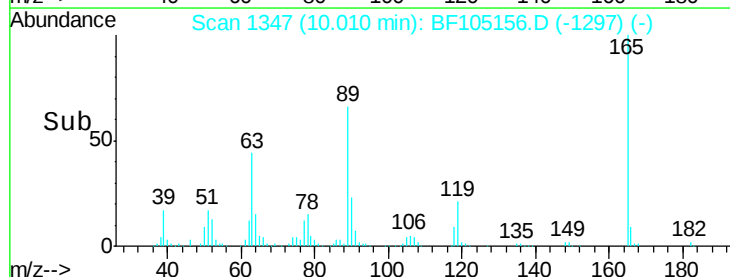
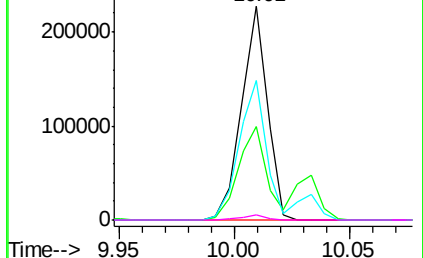


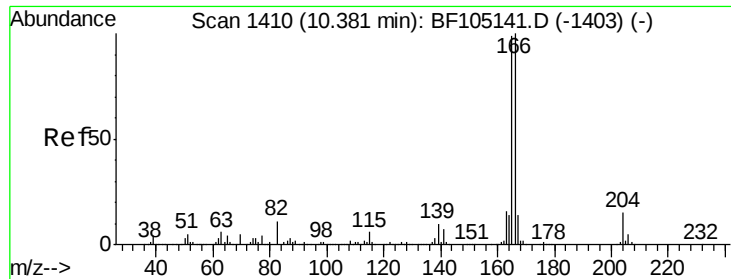
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

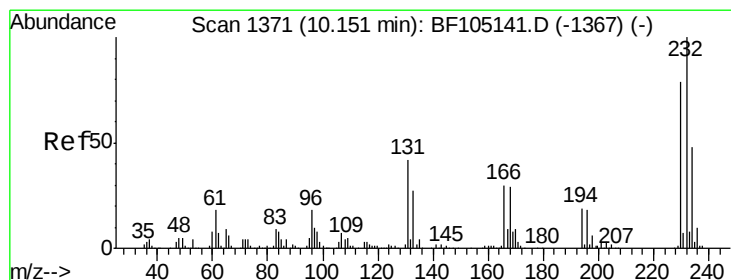
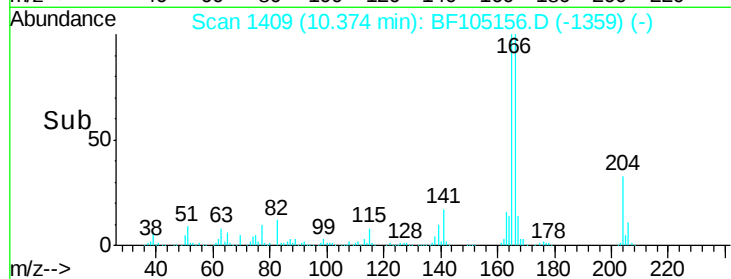
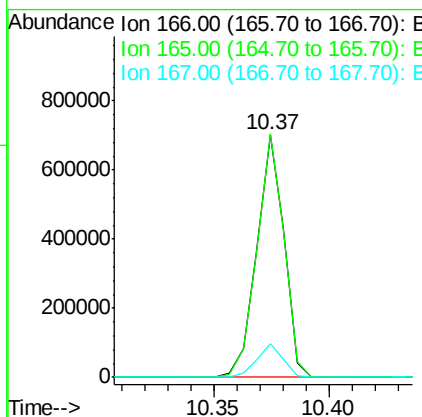
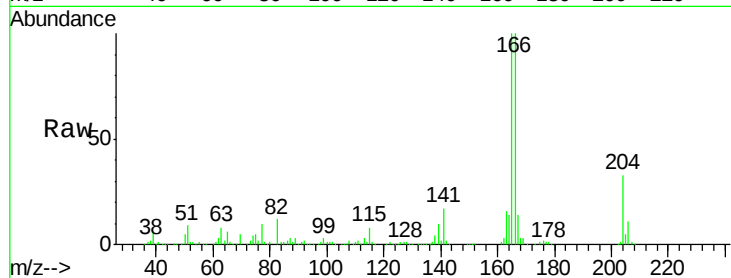




#57
Fluorene
 Concen: 21.52 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

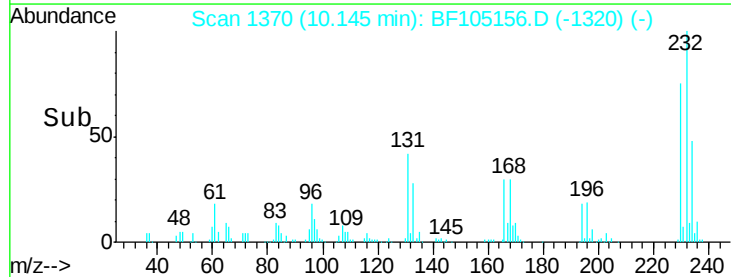
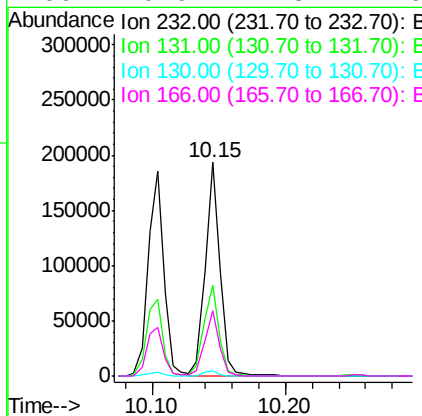
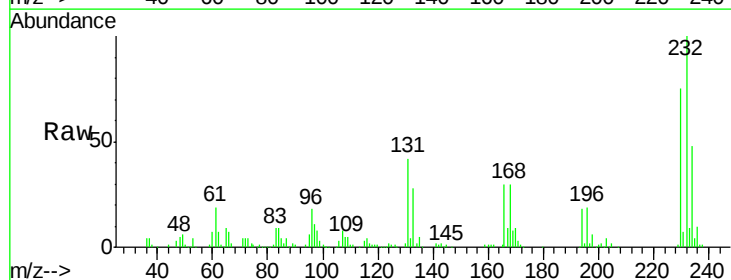
Instrument :
 BNA_F
 ClientSampleId :

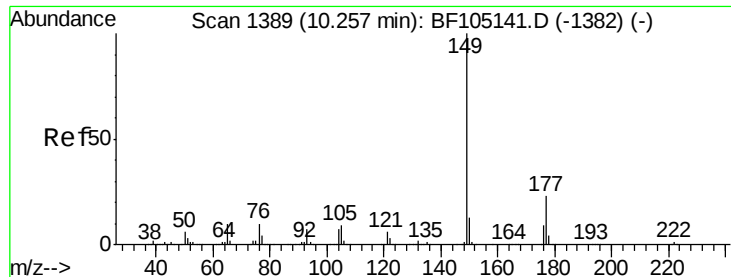
Tot Ion:166 Resp: 578789
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.8 119.8
 167 13.7 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 19.78 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion:232 Resp: 148199
 Ion Ratio Lower Upper
 232 100
 131 43.8 43.8 65.8#
 130 2.4 2.1 3.1
 166 29.9 27.8 41.6

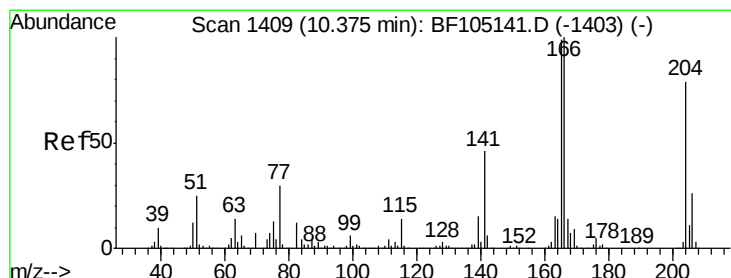
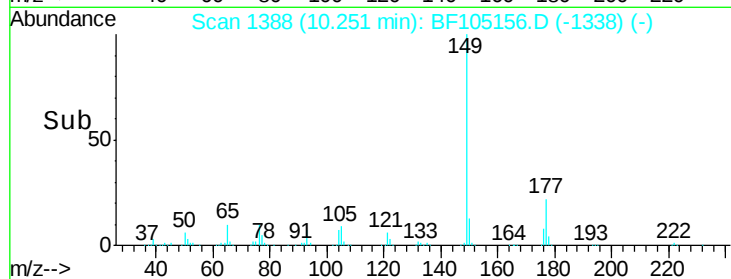
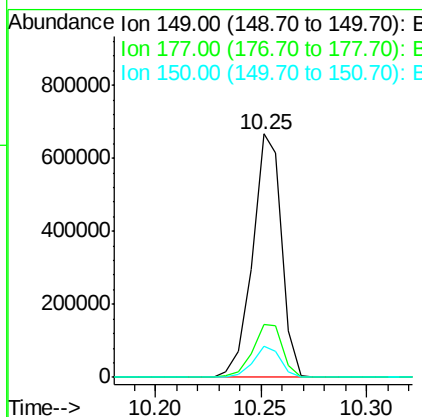
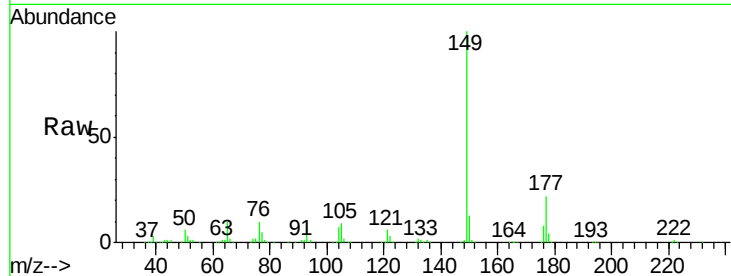




#59
Diethylphthalate
Concen: 23.11 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

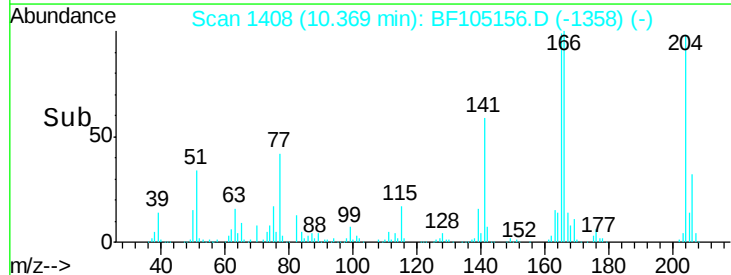
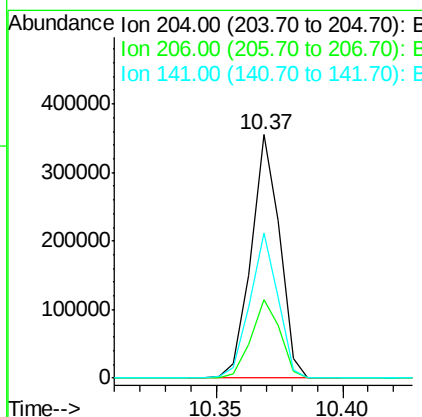
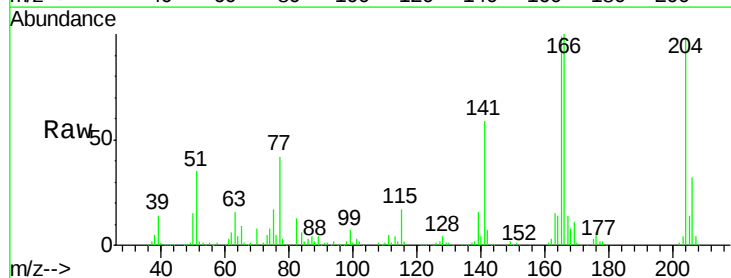
Instrument :
BNA_F
ClientSampled :

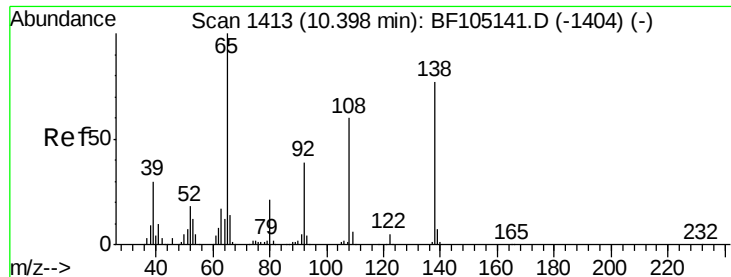
Tot Ion:149 Resp: 636056
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 22.31 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:204 Resp: 279314
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 59.8 54.6 81.8

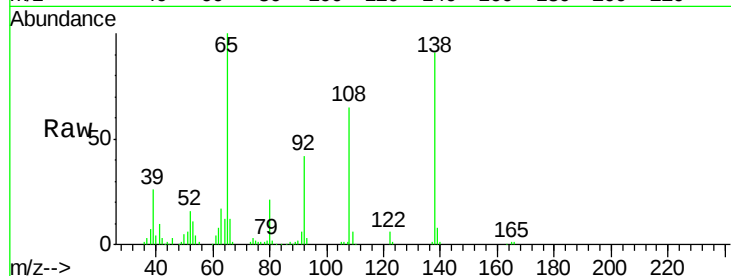




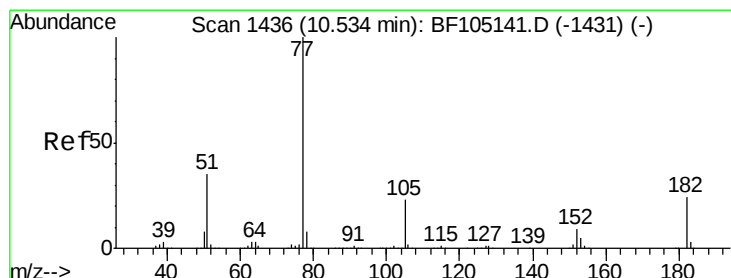
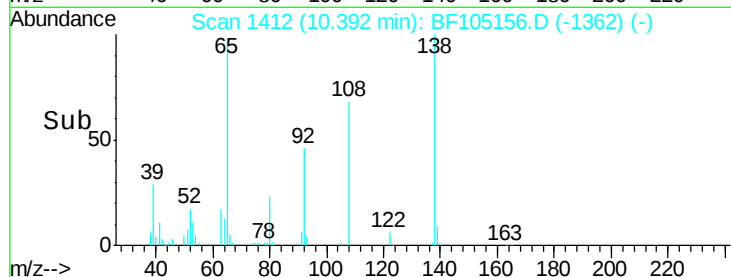
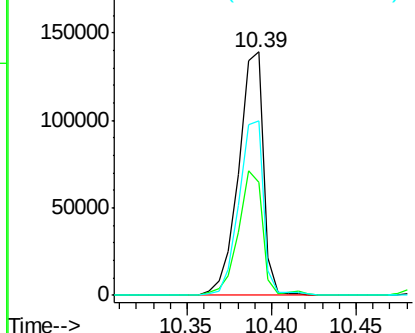
#61
4-Nitroaniline
Concen: 22.40 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 142702
Ion Ratio Lower Upper
138 100
92 46.4 30.2 70.2
108 71.9 52.5 92.5

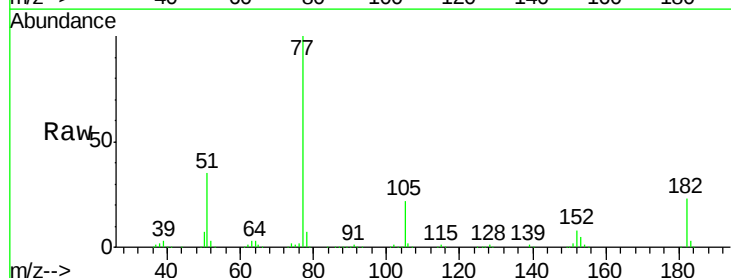


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

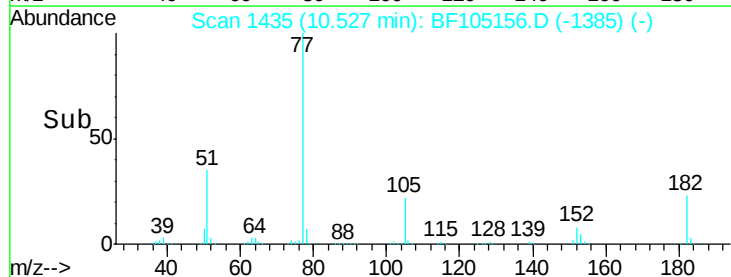
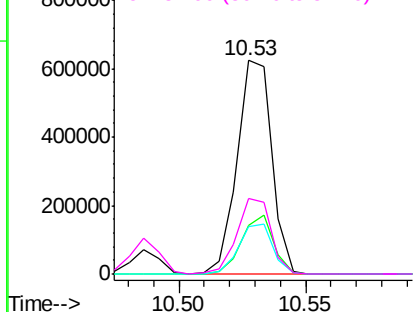


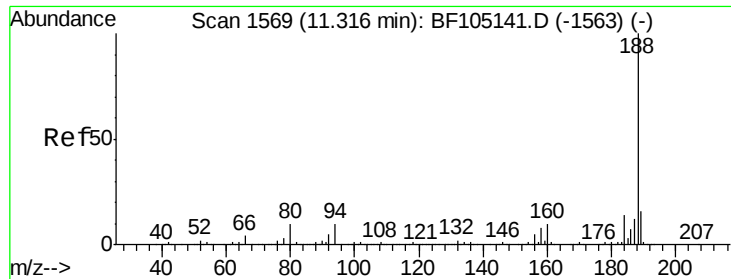
#62
Azobenzene
Concen: 20.68 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion: 77 Resp: 593733
Ion Ratio Lower Upper
77 100
182 22.9 1.7 41.7
105 22.5 3.0 43.0
51 35.3 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

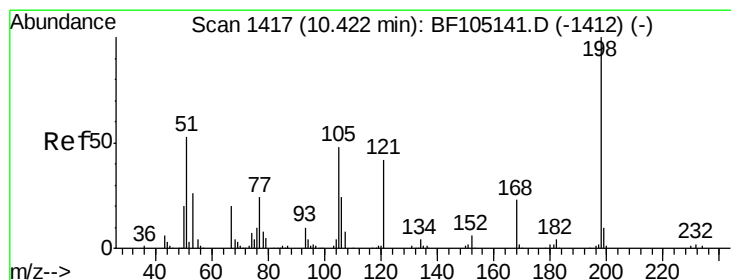
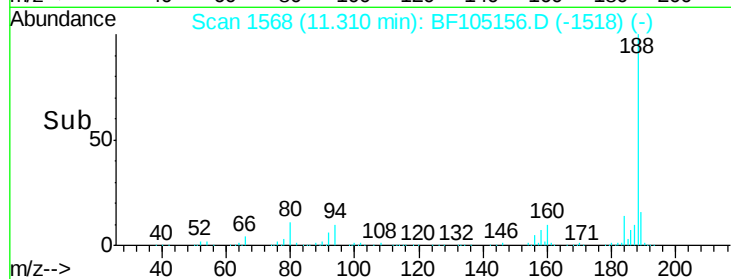
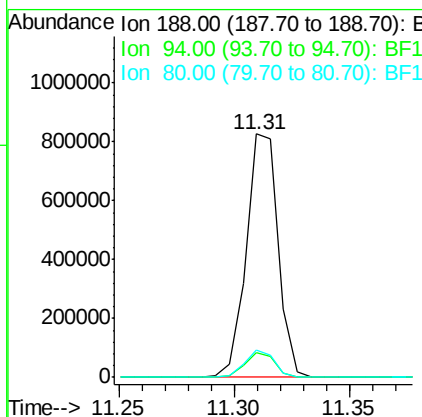
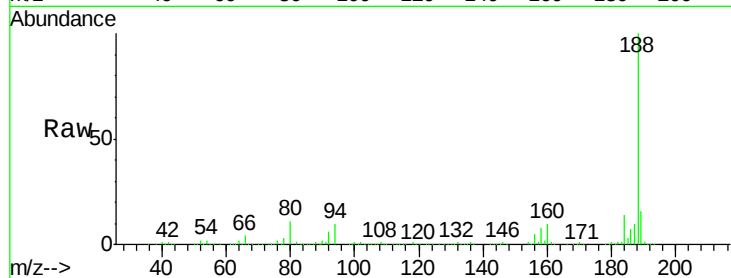




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

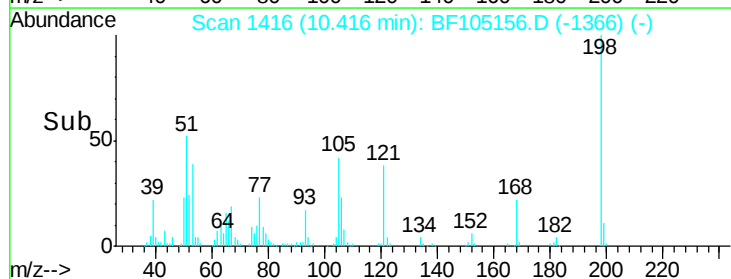
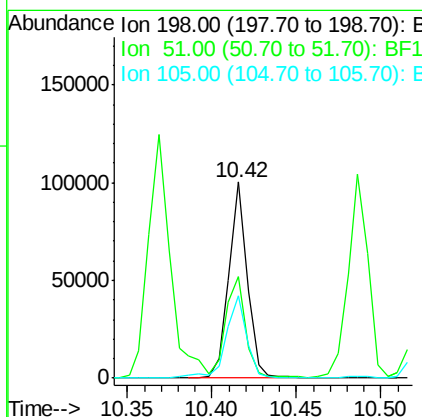
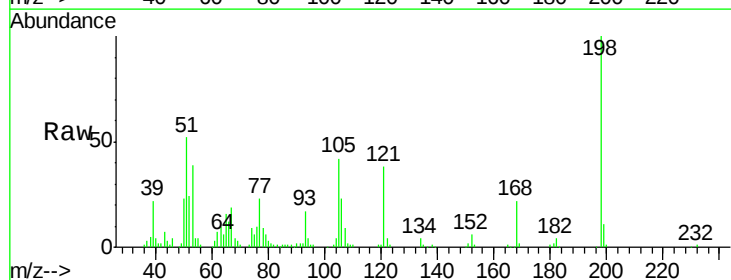
Instrument :
BNA_F
ClientSampleId :

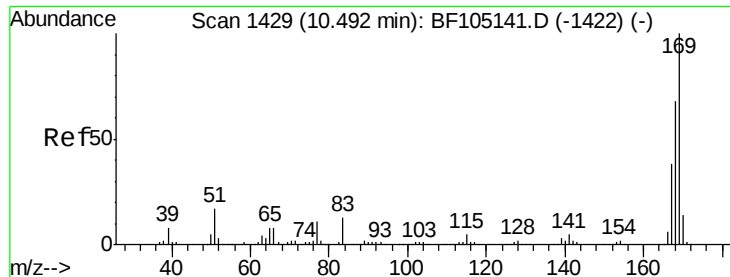
Tot Ion:188 Resp: 797199
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 31.65 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:198 Resp: 75979
Ion Ratio Lower Upper
198 100
51 52.0 37.7 77.7
105 42.2 36.3 76.3

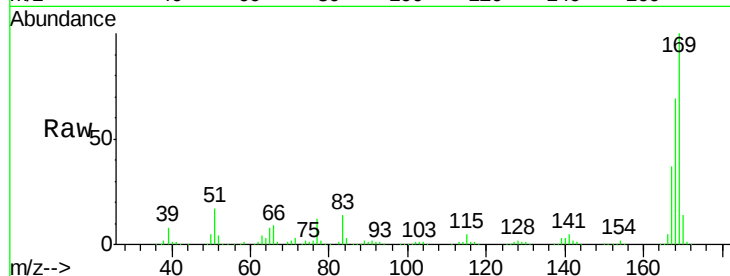




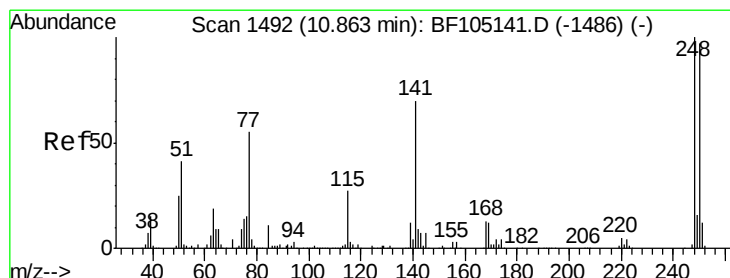
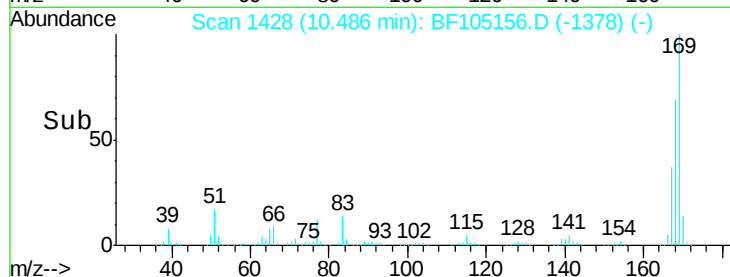
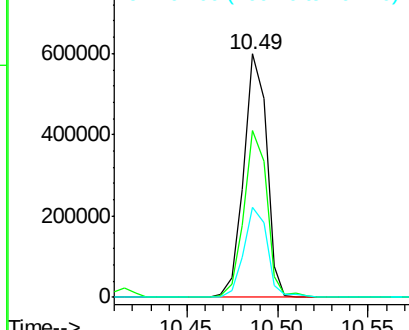
#65
 n-Nitrosodiphenylamine
 Concen: 21.20 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.4	81.6
167	36.7	29.8	44.6

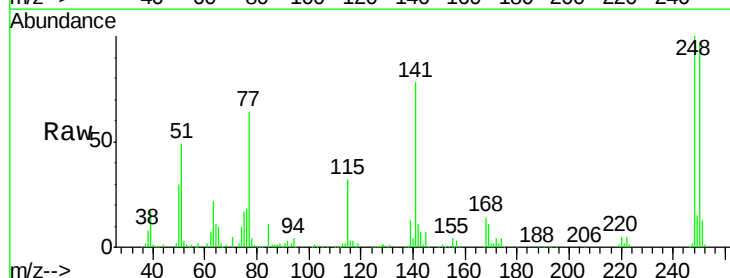


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

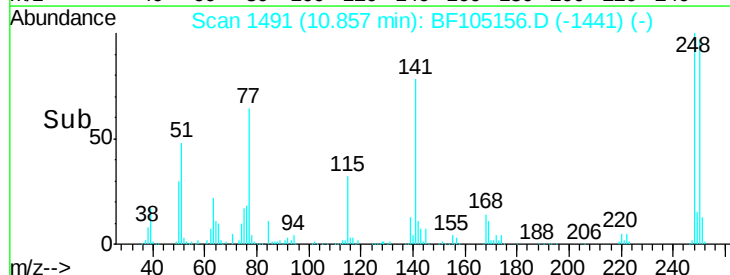
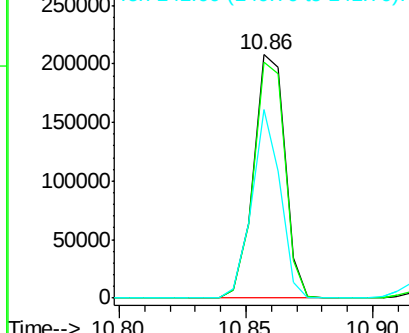


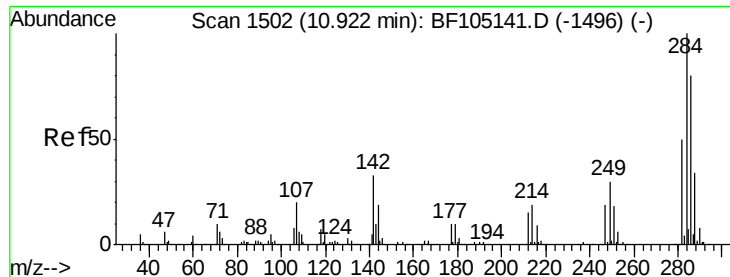
#66
 4-Bromophenyl-phenylether
 Concen: 21.21 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	77.5	74.4	111.6



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

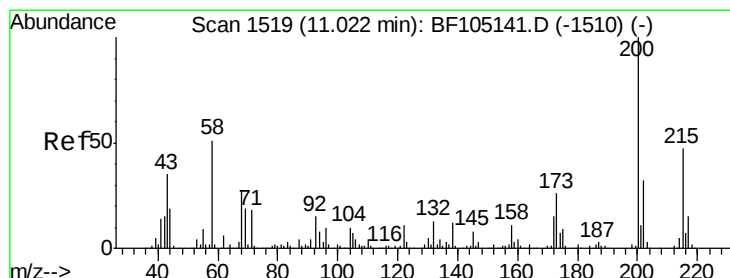
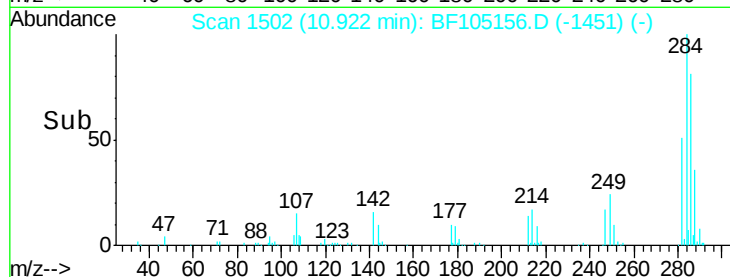
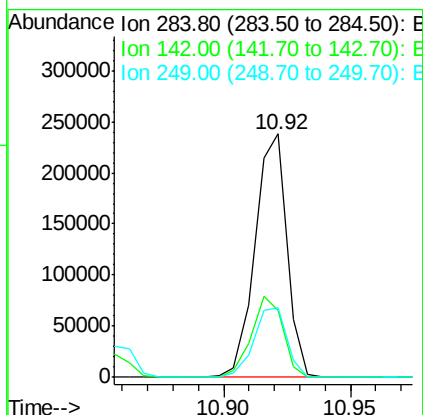
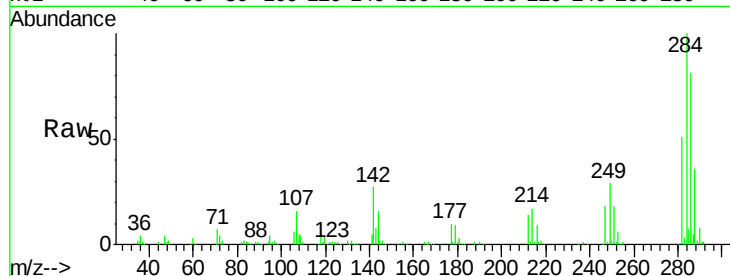




#67
Hexachlorobenzene
Concen: 21.38 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

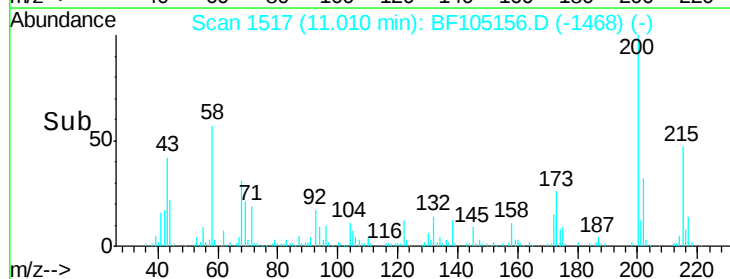
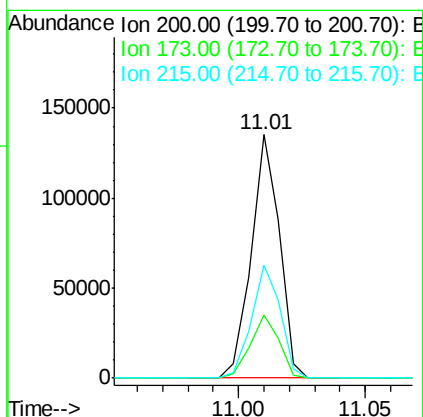
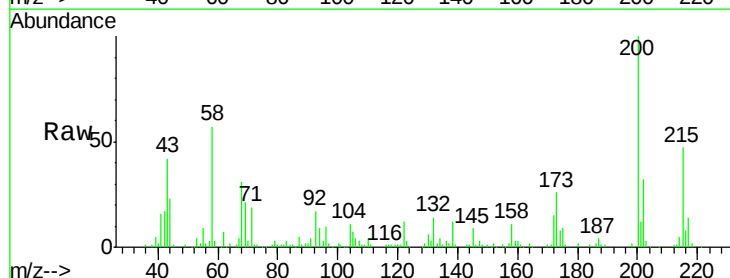
Instrument :
BNA_F
ClientSampleId :

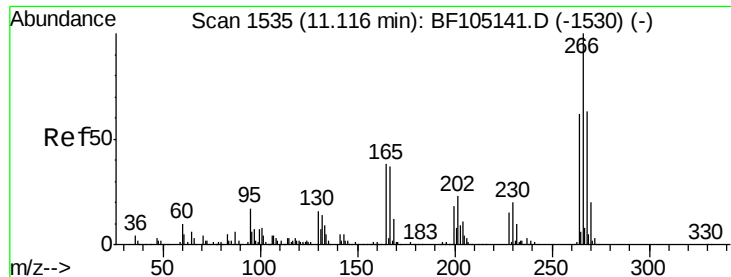
Tot Ion:284 Resp: 209449
Ion Ratio Lower Upper
284 100
142 27.3 34.6 52.0#
249 28.6 24.8 37.2



#68
Atrazine
Concen: 13.42 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:200 Resp: 104522
Ion Ratio Lower Upper
200 100
173 25.9 8.6 48.6
215 46.6 25.1 65.1

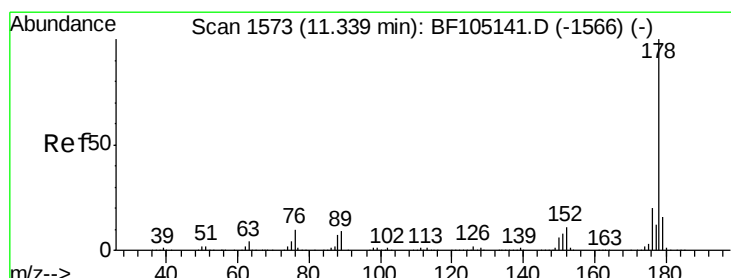
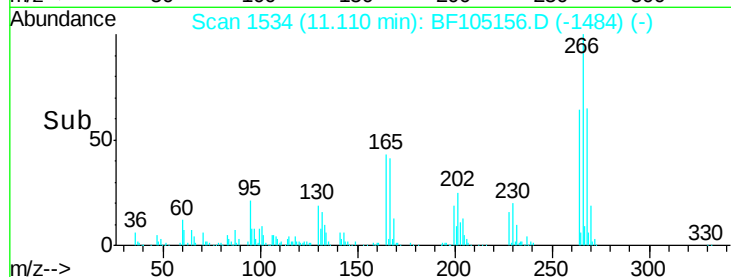
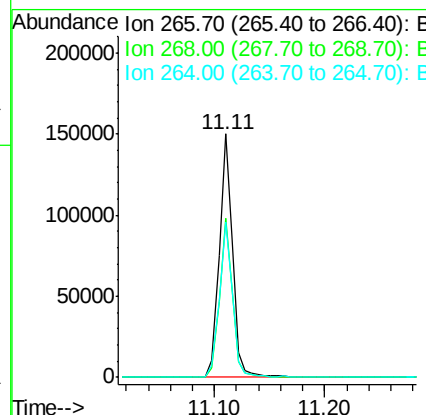
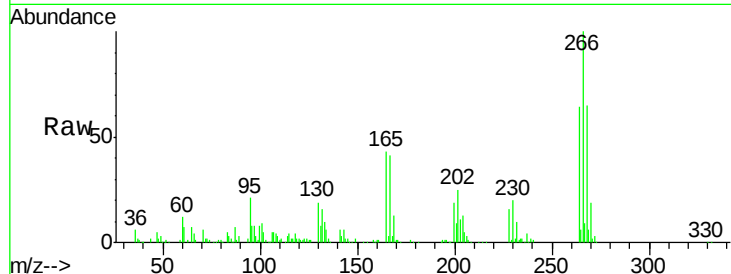




#69
 Pentachlorophenol
 Concen: 23.74 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

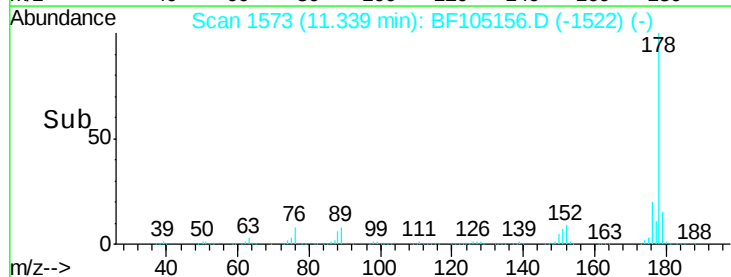
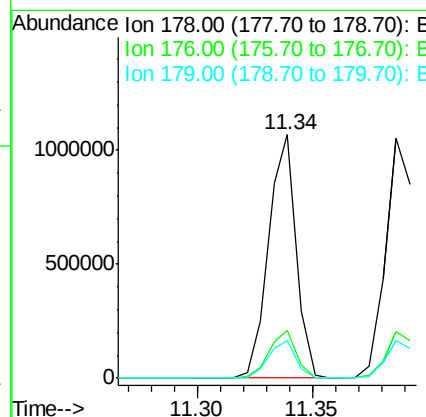
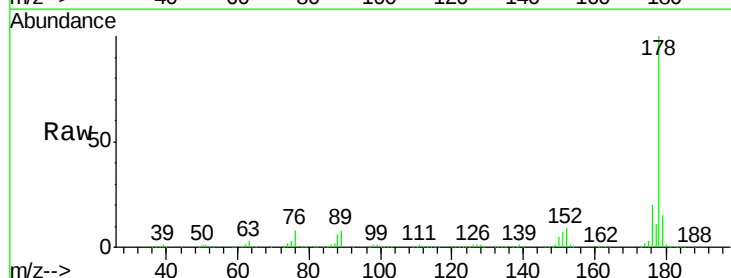
Instrument :
 BNA_F
 ClientSampleId :

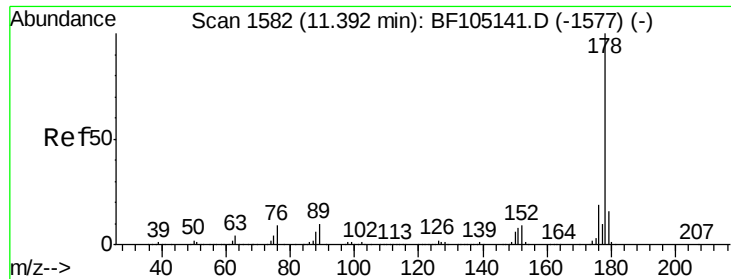
Tot Ion:266 Resp: 123633
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 21.09 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion:178 Resp: 886225
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 13.0 19.6

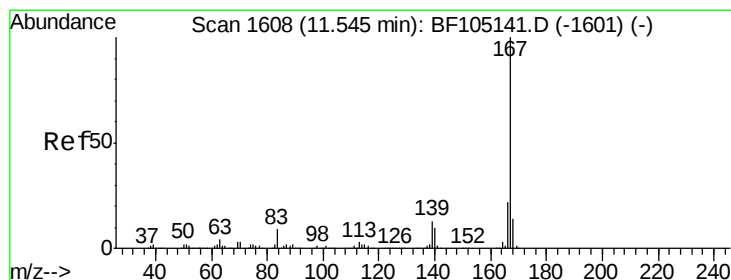
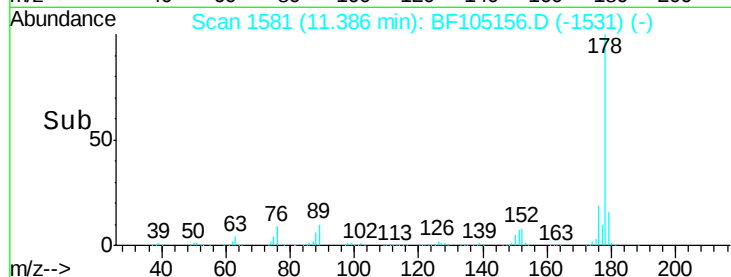
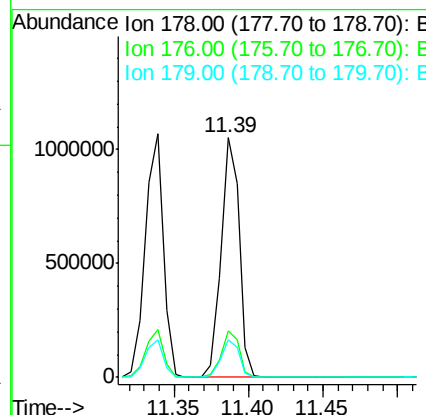
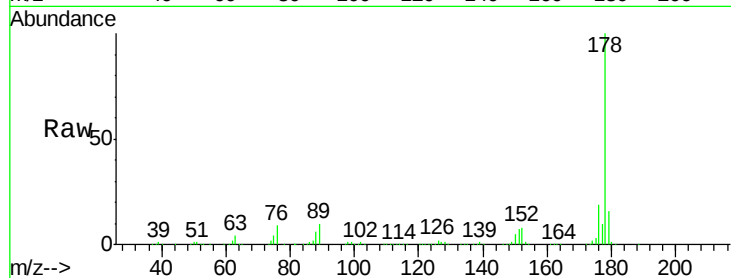




#71
 Anthracene
 Concen: 21.01 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

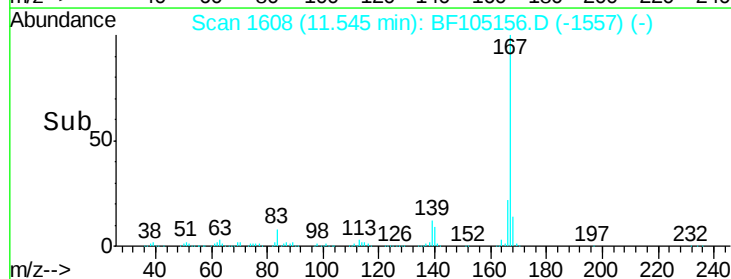
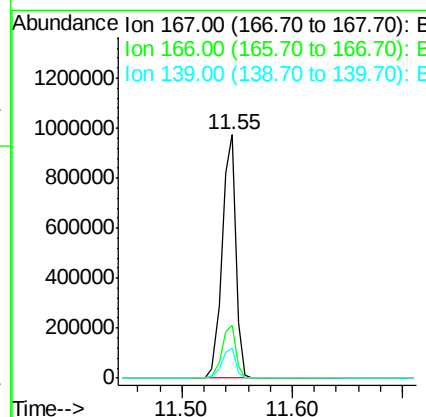
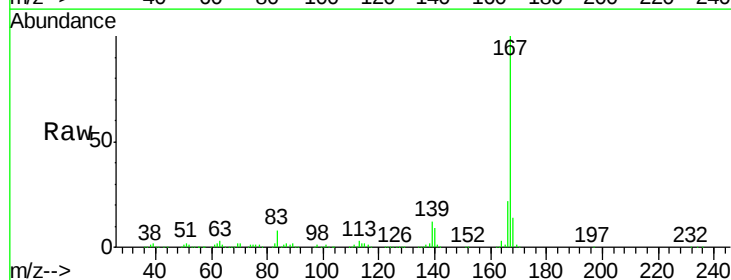
Instrument :
 BNA_F
 ClientSampled :

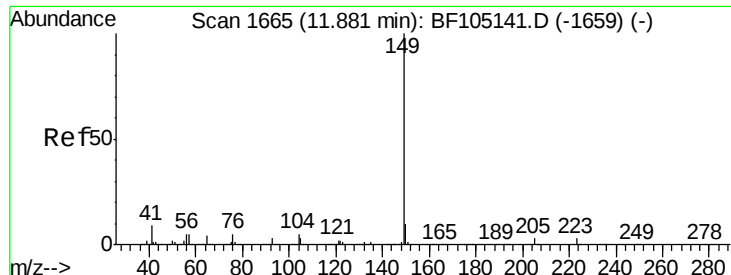
Tot Ion:178 Resp: 897234
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 21.72 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion:167 Resp: 835679
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 23.35 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

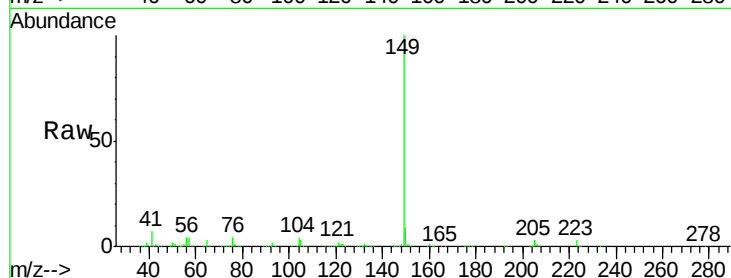
Tot Ion:149 Resp: 961225

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

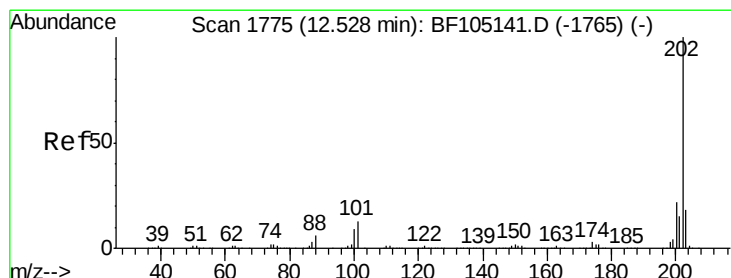
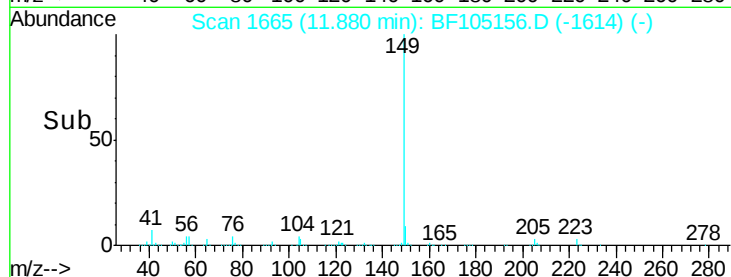
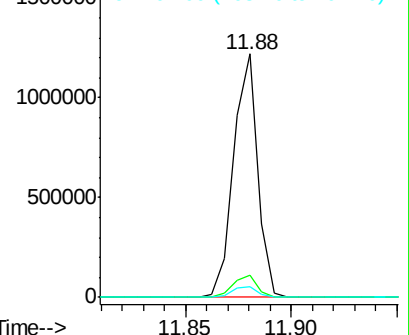
104 4.5 3.8 5.8



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: 21.32 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

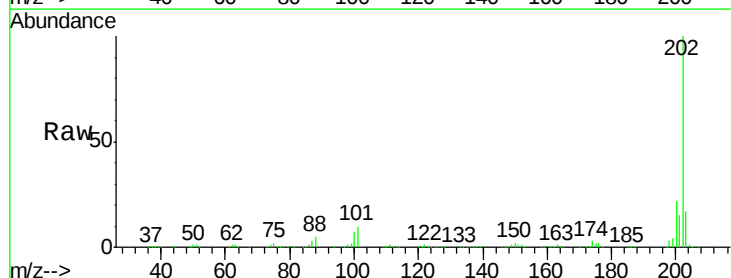
Tgt Ion:202 Resp: 933609

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

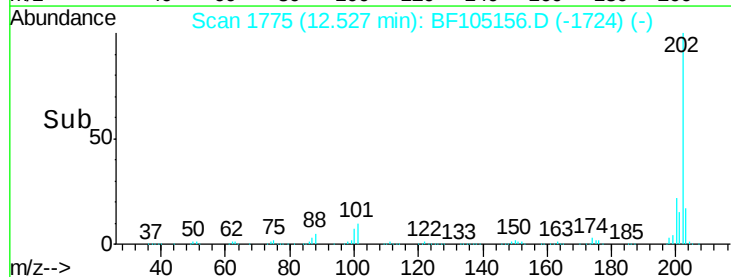
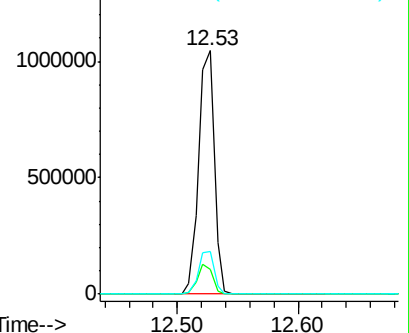
203 17.4 0.0 38.1

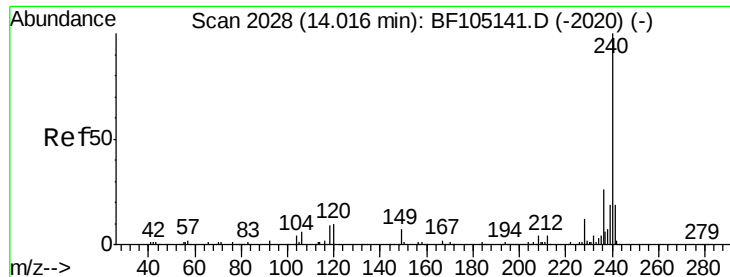


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampled :

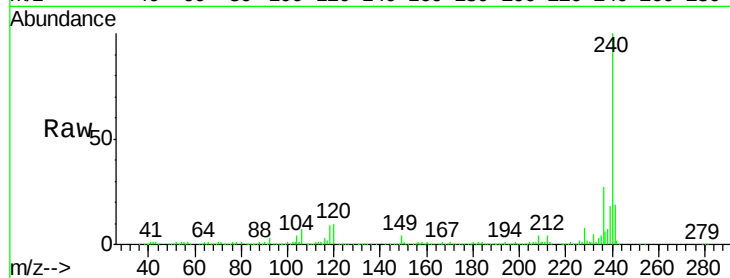
Tot Ion:240 Resp: 666381

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

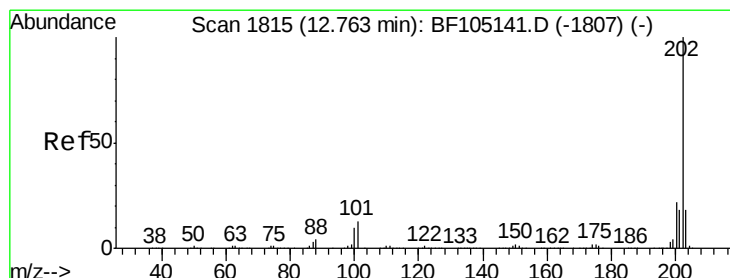
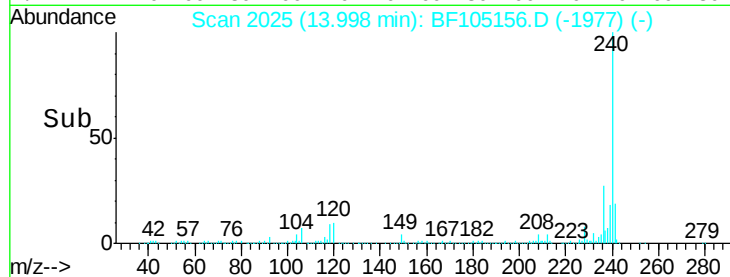
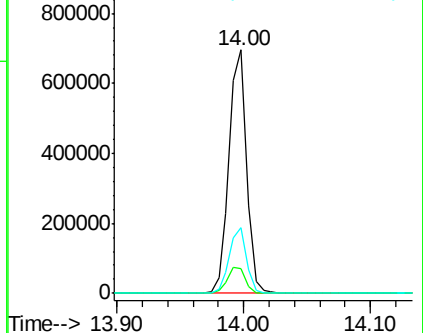
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 20.17 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

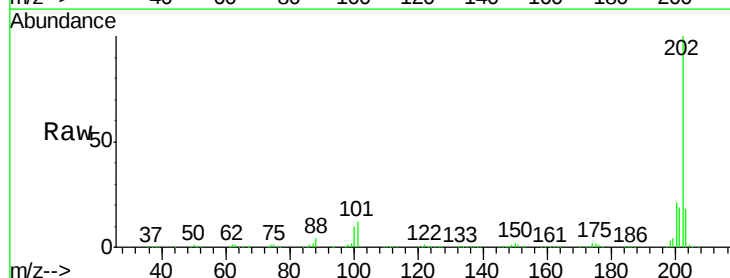
Tgt Ion:202 Resp: 977620

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

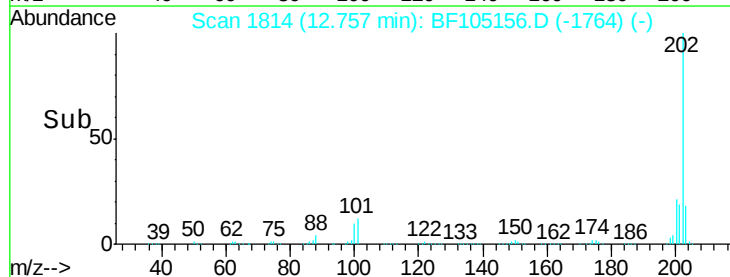
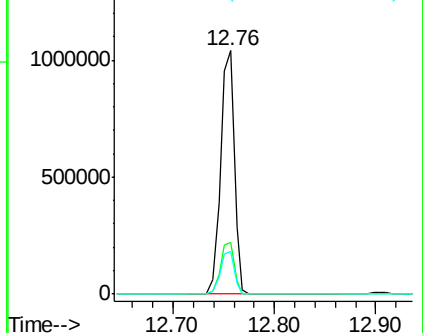
203 17.6 14.3 21.5

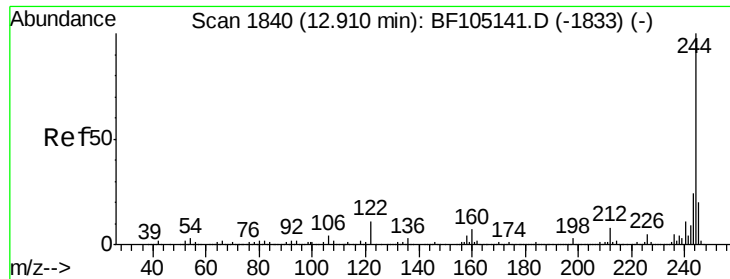


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

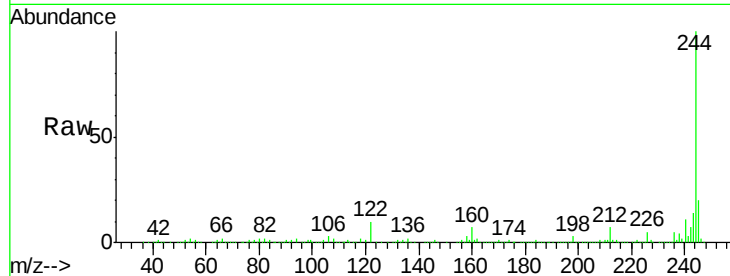




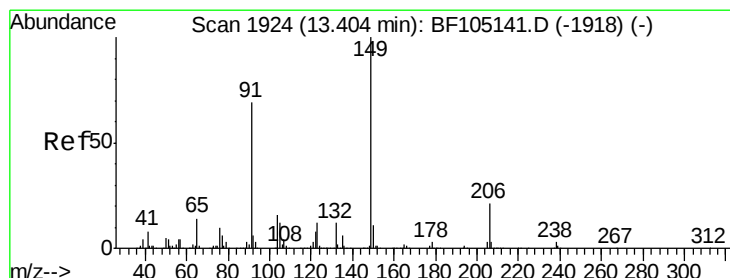
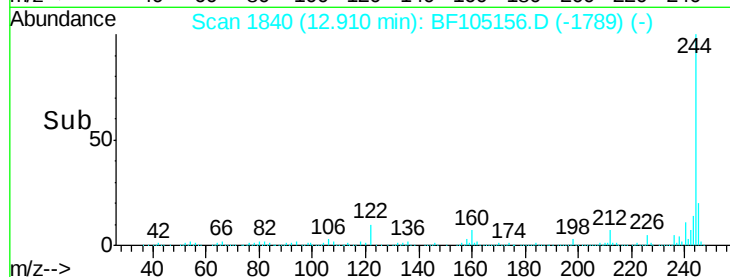
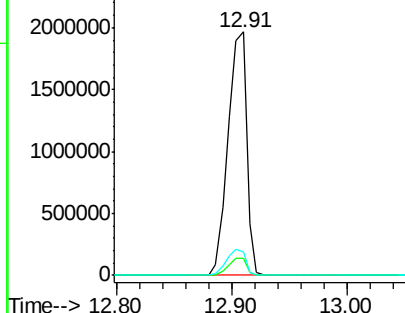
#78
 Terphenyl-d14
 Concen: 76.92 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2206650
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.6 11.0 16.4#

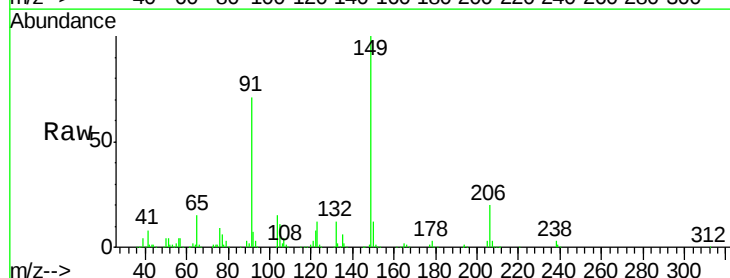


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

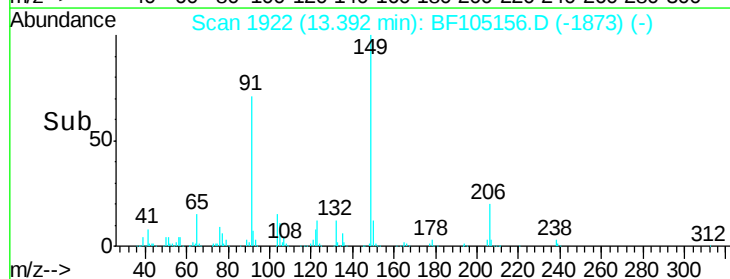
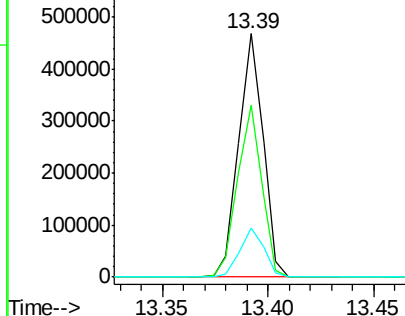


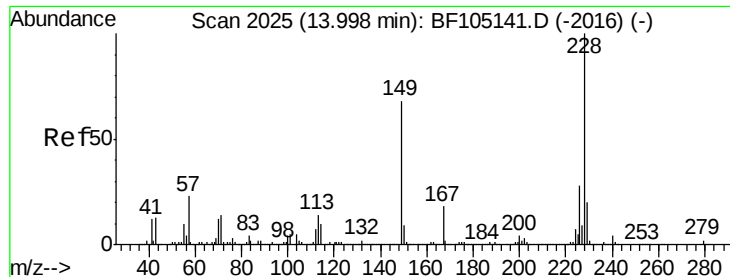
#79
 Butylbenzylphthalate
 Concen: 25.17 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion:149 Resp: 373846
 Ion Ratio Lower Upper
 149 100
 91 70.8 56.8 85.2
 206 20.1 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: 20.26 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

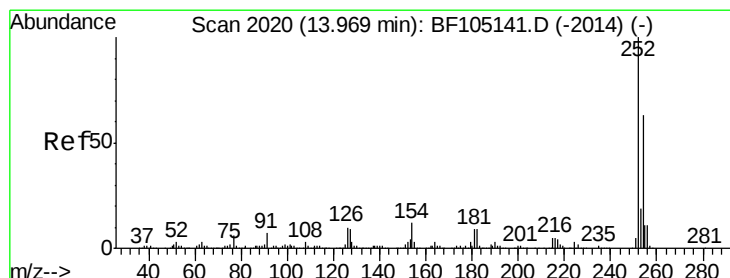
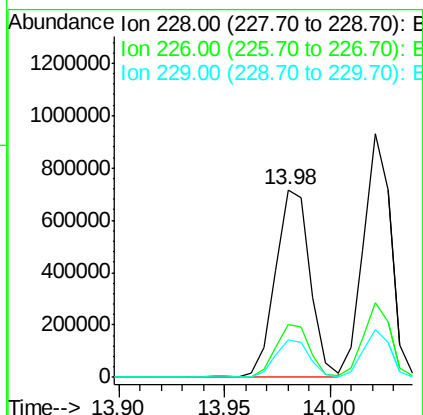
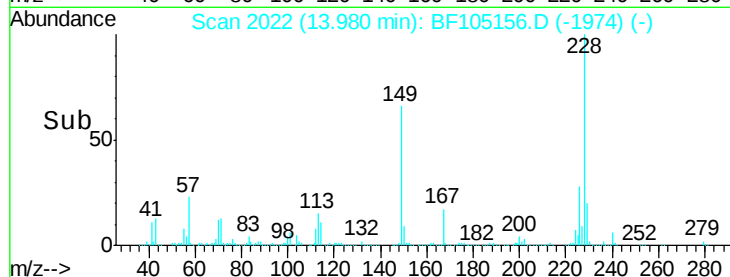
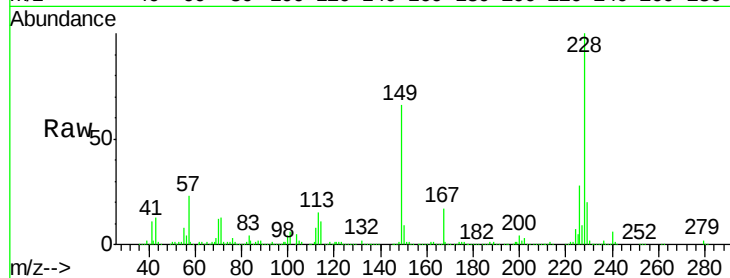
Tot Ion:228 Resp: 818811

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

229 20.3 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 19.39 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

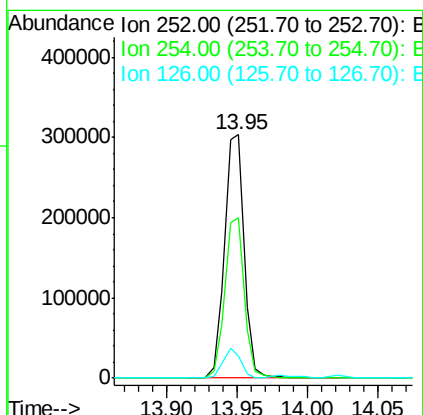
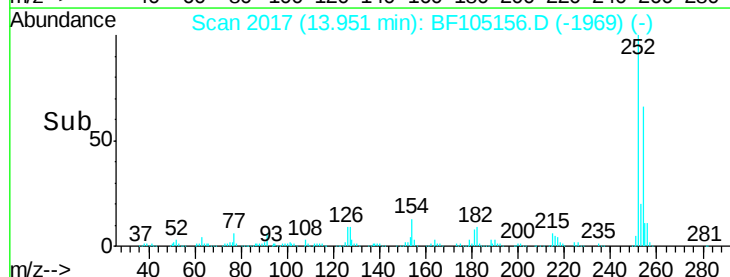
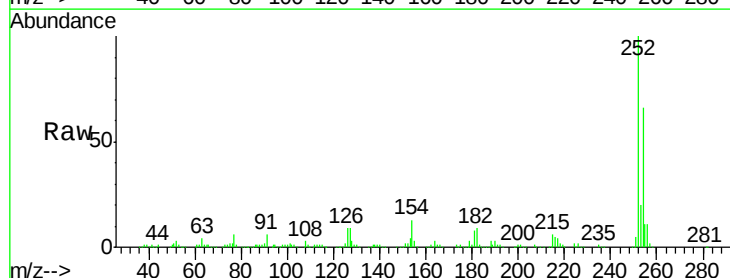
Tgt Ion:252 Resp: 294533

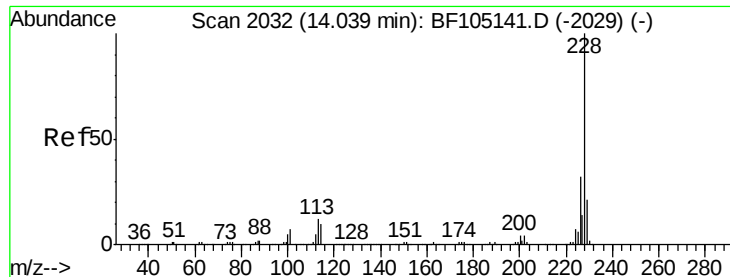
Ion Ratio Lower Upper

252 100

254 66.0 50.4 75.6

126 9.3 11.3 16.9#





#82

Chrysene

Concen: 20.57 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

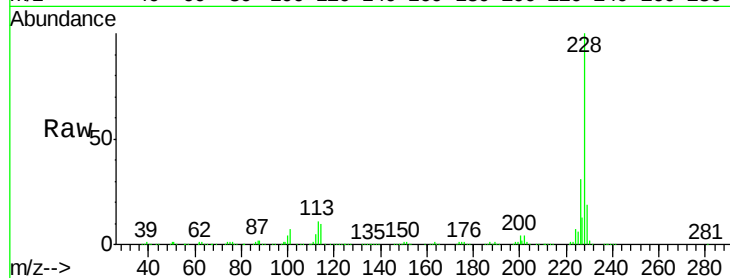
Tot Ion:228 Resp: 856103

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

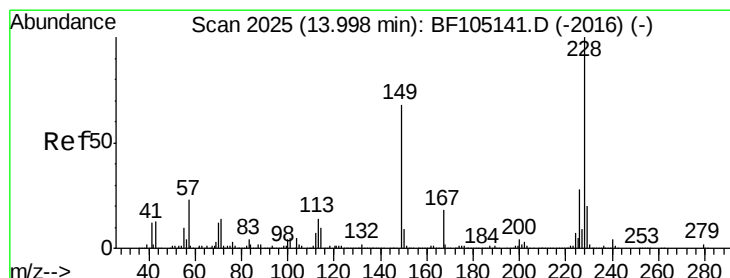
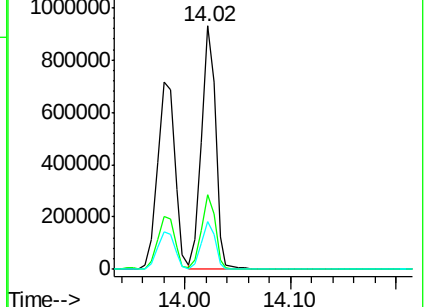
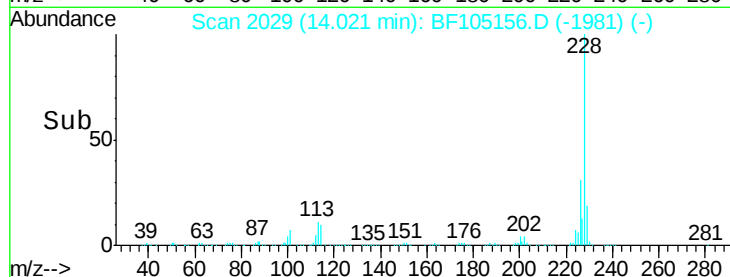
229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 24.58 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

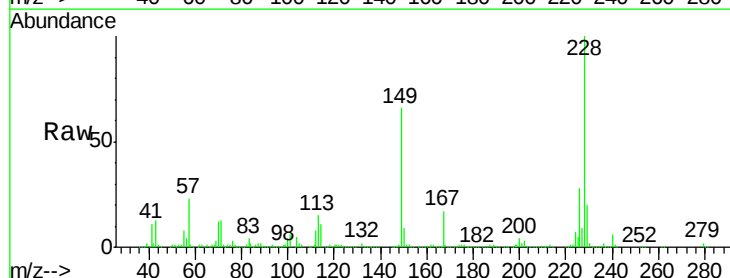
Tgt Ion:149 Resp: 492584

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

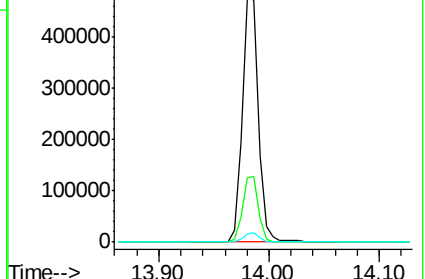
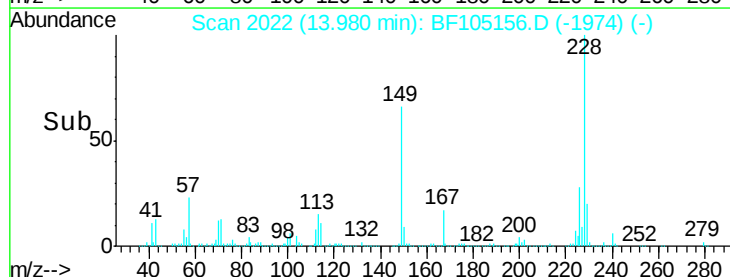
279 3.3 3.0 4.4

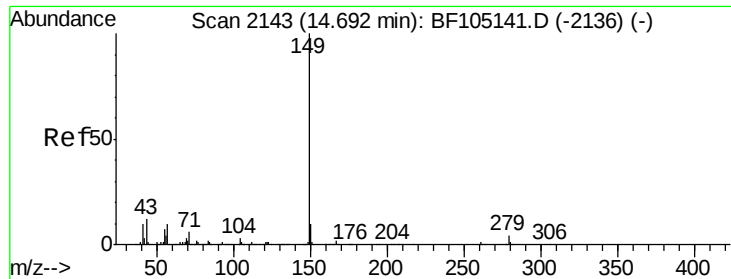


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

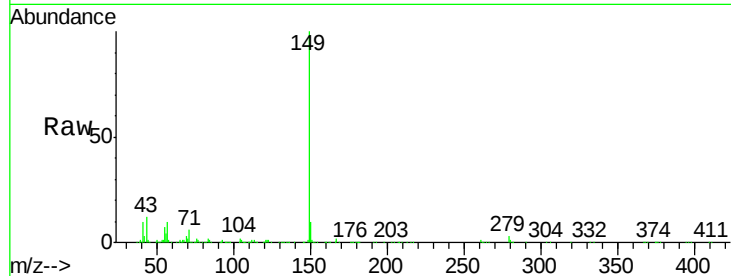




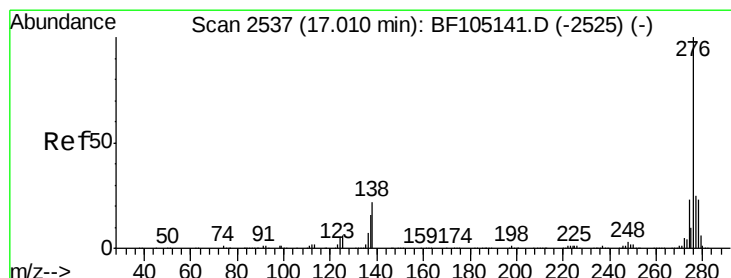
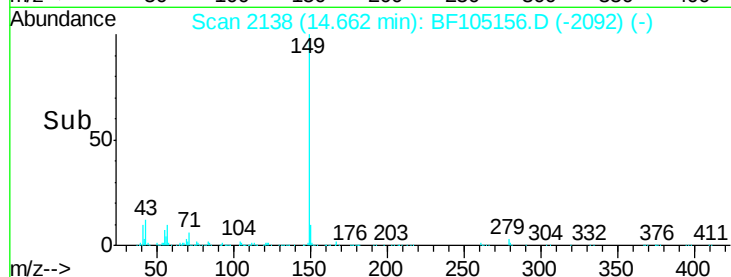
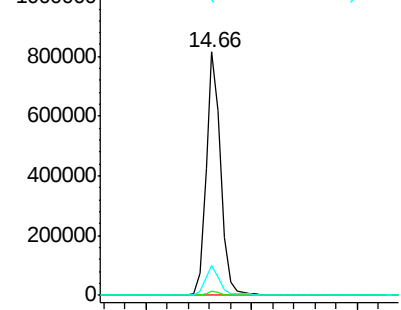
#84
Di-n-octyl phthalate
Concen: 24.28 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.03 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 787904
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.8 8.4 12.6#

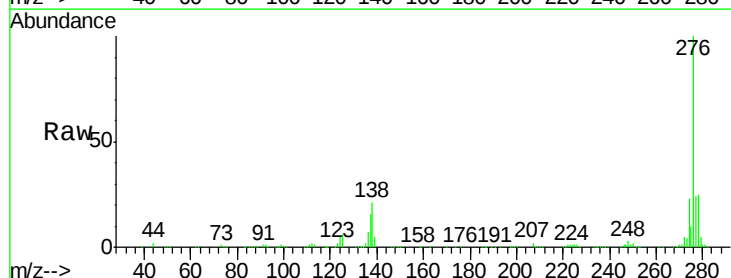


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

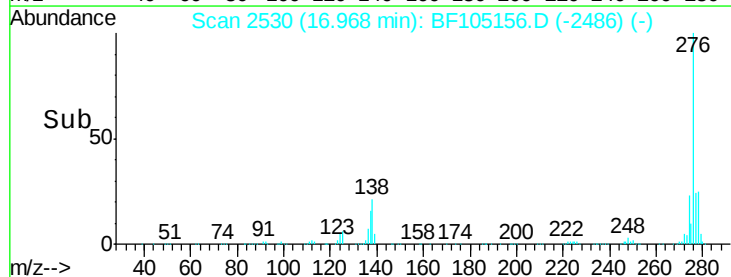
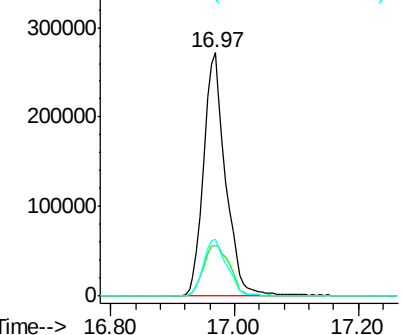


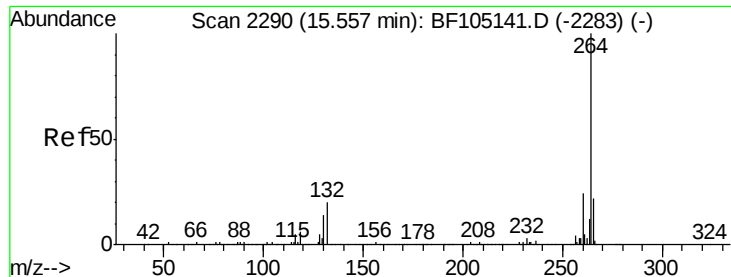
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.48 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:276 Resp: 675573
Ion Ratio Lower Upper
276 100
138 25.1 25.0 37.6
277 24.9 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



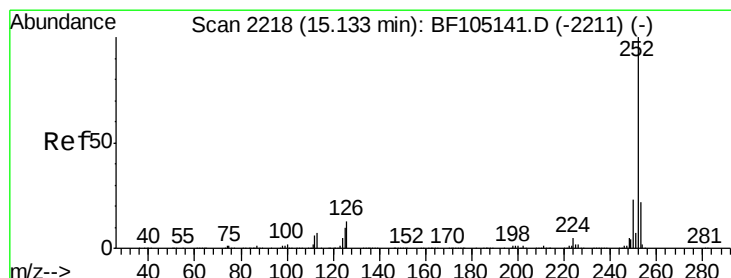
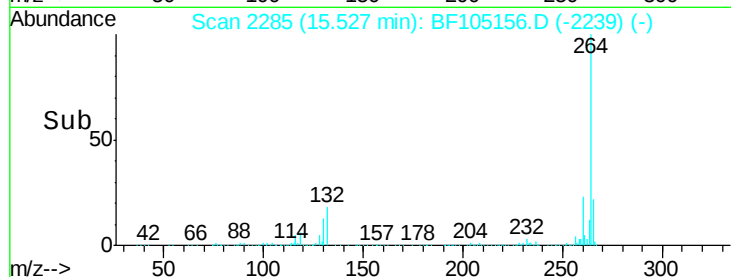
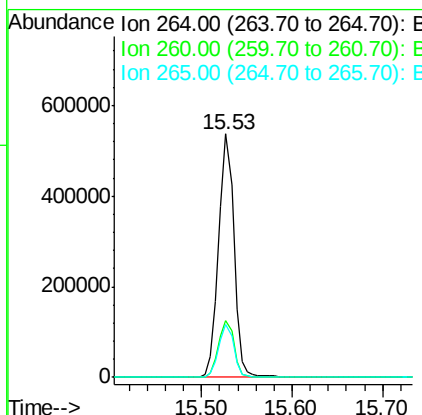
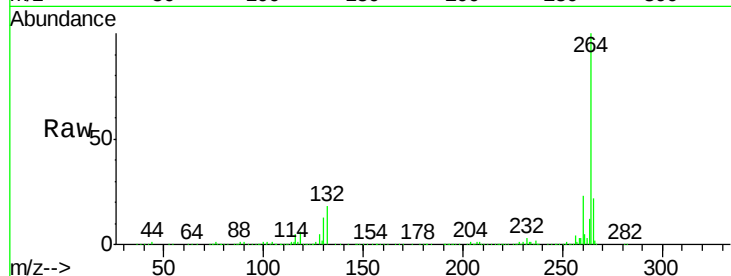


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.03 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 633676

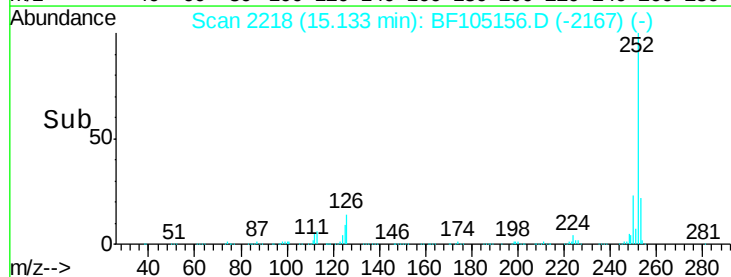
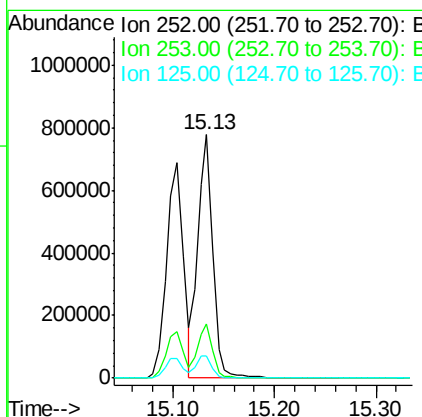
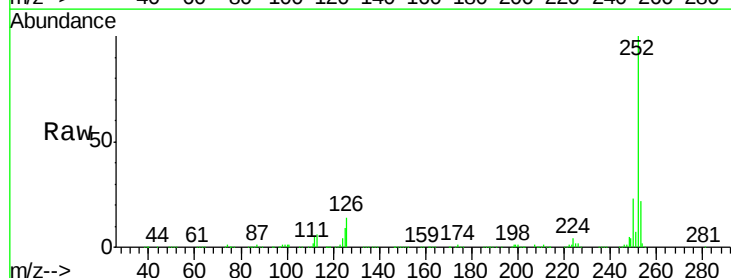
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.5	26.3

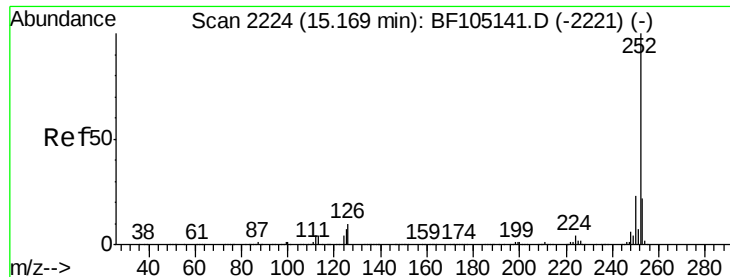


#87
Benzo(b)fluoranthene
Concen: 20.60 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:252 Resp: 798785

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.2	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 21.25 ng

RT: 15.13 min Scan# 2218

Delta R.T. -0.04 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

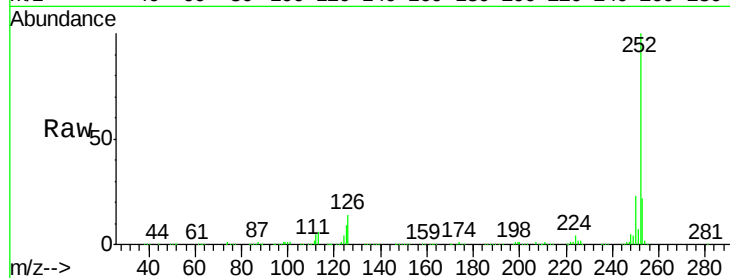
Tot Ion:252 Resp: 798785

Ion Ratio Lower Upper

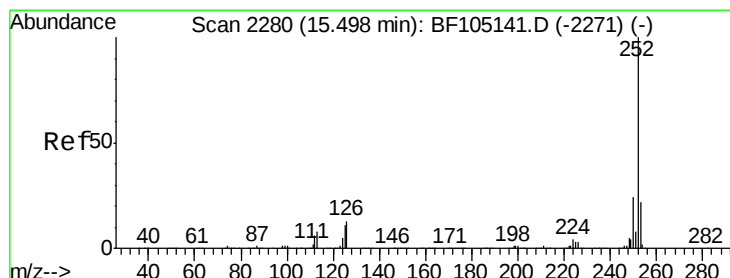
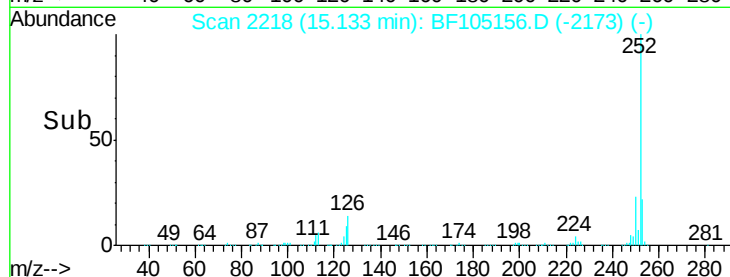
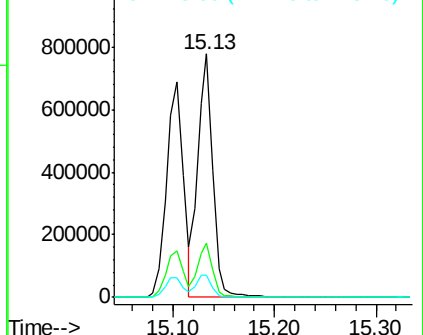
252 100

253 22.0 17.9 26.9

125 9.2 10.2 15.2#



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



#89

Benzo(a)pyrene

Concen: 20.08 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.04 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

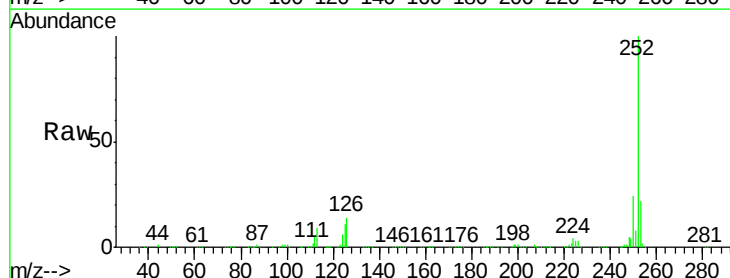
Tgt Ion:252 Resp: 708149

Ion Ratio Lower Upper

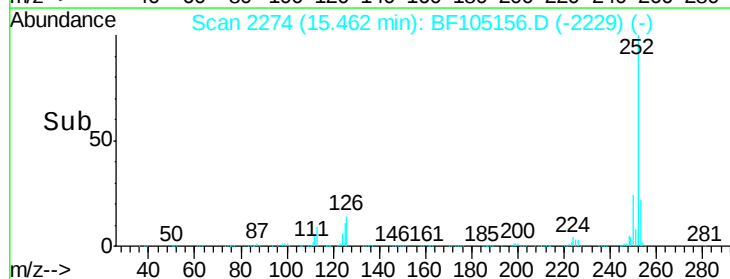
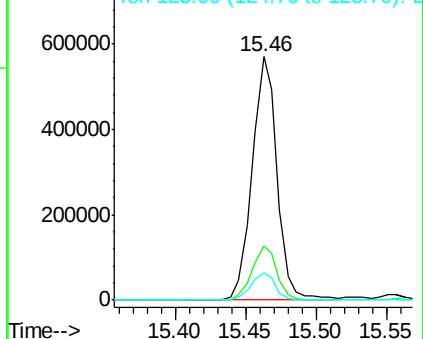
252 100

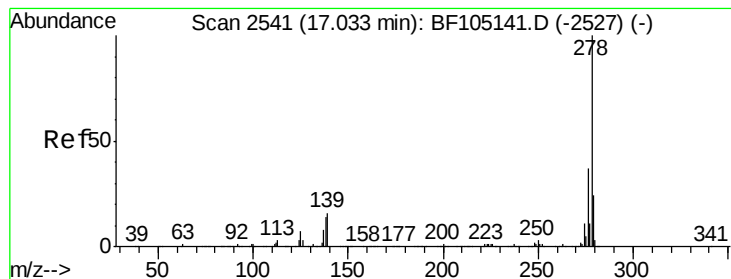
253 22.2 17.1 25.7

125 11.3 9.8 14.6



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





#90

Dibenzo(a,h)anthracene

Concen: 20.34 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.04 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

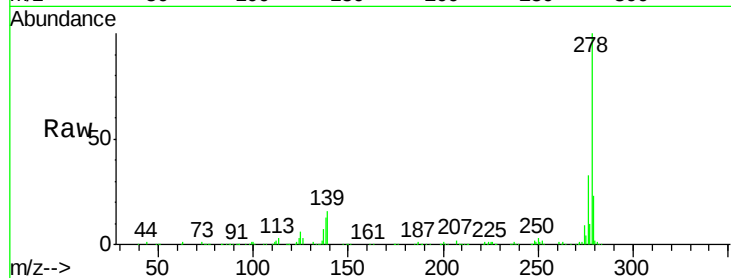
Tot Ion:278 Resp: 556982

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

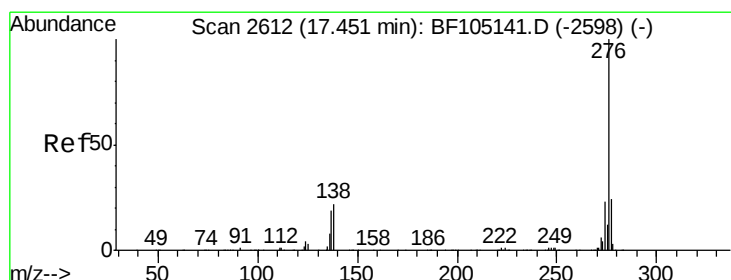
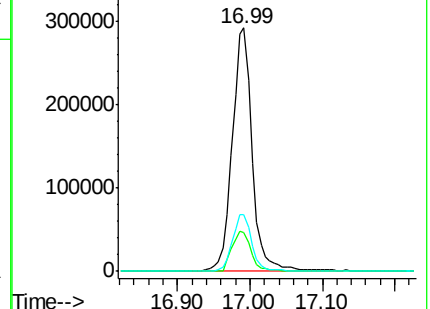
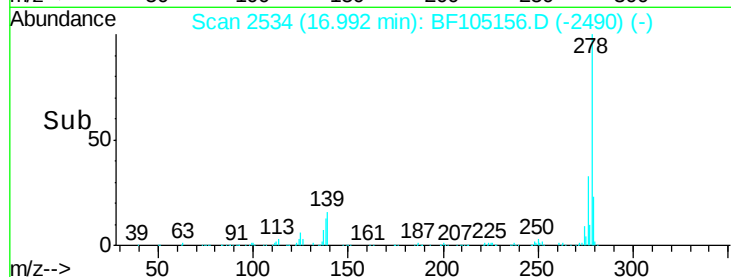
279 23.4 19.0 28.4



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: 20.20 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.05 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

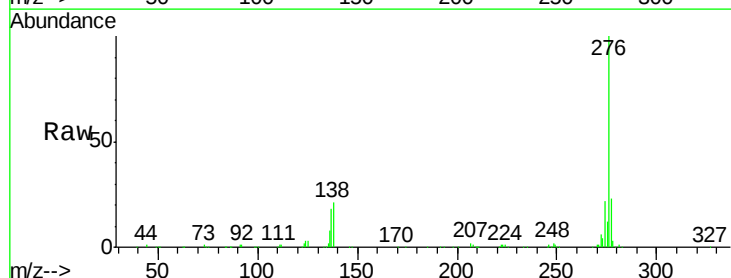
Tgt Ion:276 Resp: 541314

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 21.2 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

