

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105161.D
 Acq On : 8 May 2018 22:58
 Operator : JU/SJ
 Sample : J2133-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 08:33:57 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

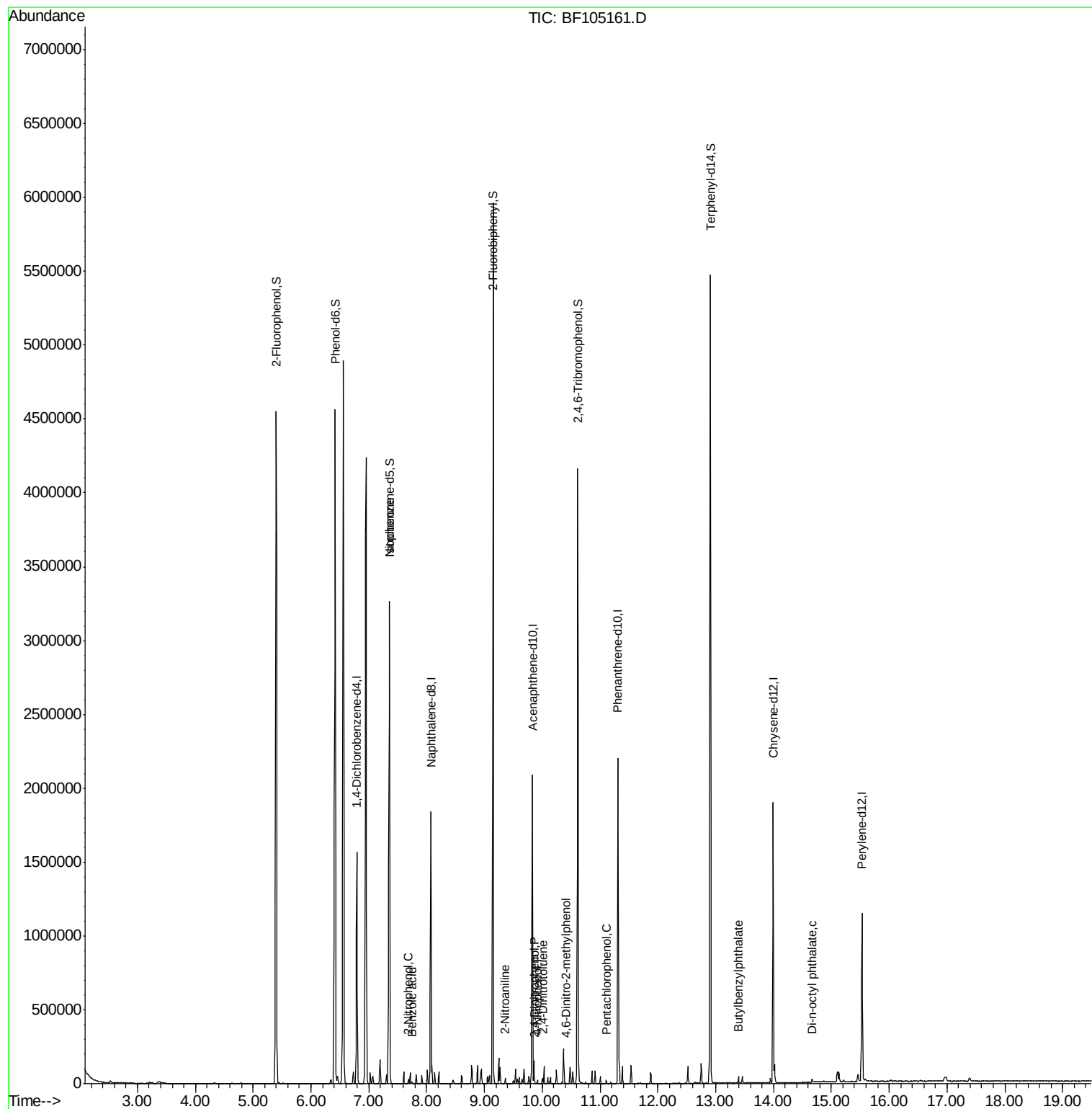
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	198474	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	787522	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	394654	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	783219	20.00	ng	0.00
75) Chrysene-d12	13.99	240	659730	20.00	ng	-0.02
86) Perylene-d12	15.53	264	560986	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1526115	126.68	ng	0.00
7) Phenol-d6	6.42	99	1797794	125.33	ng	0.00
23) Nitrobenzene-d5	7.36	82	1051355	90.48	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	589332	135.35	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1935818	76.13	ng	0.00
78) Terphenyl-d14	12.91	244	2139466	75.33	ng	0.00
Target Compounds						
25) Isophorone	7.36	82	1050783	40.44	ng	# 64
26) 2-Nitrophenol	7.69	139	4261	10.57	ng	# 93
32) Benzoic acid	7.75	122	3089	9.59	ng	91
47) 2-Nitroaniline	9.36	65	4845	6.41	ng	88
53) 2,4-Dinitrophenol	9.87	184	509	9.64	ng	# 35
55) 4-Nitrophenol	9.92	139	2672	4.76	ng	# 81
56) 2,4-Dinitrotoluene	10.00	165	4799	4.18	ng	# 91
64) 4,6-Dinitro-2-methylphenol	10.41	198	1288	9.23	ng	# 80
69) Pentachlorophenol	11.11	266	3750	3.86	ng	98
79) Butylbenzylphthalate	13.39	149	8722	7.33	ng	93
84) Di-n-octyl phthalate	14.67	149	12450	7.21	ng	# 89

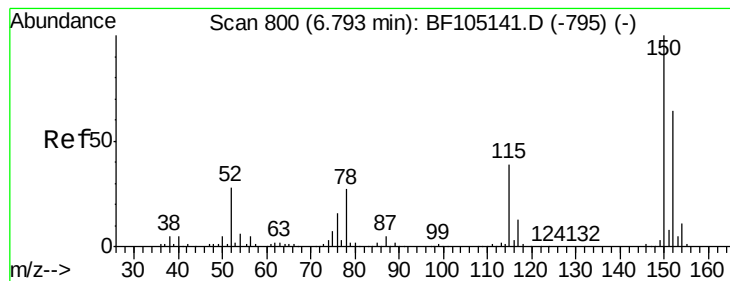
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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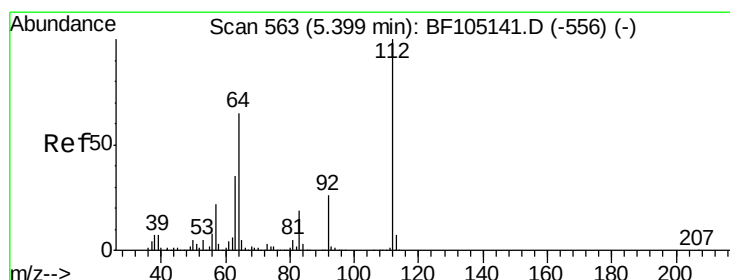
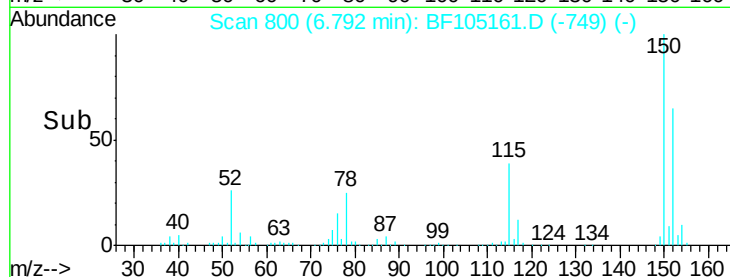
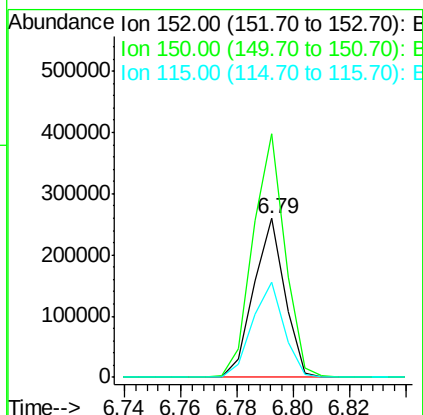
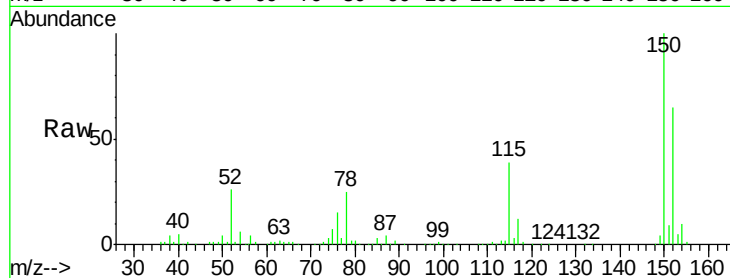


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Instrument :
BNA_F
ClientSampleId :

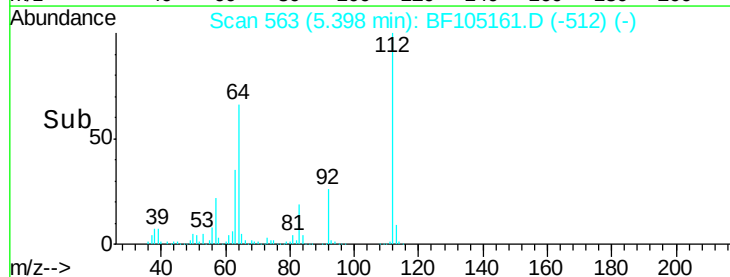
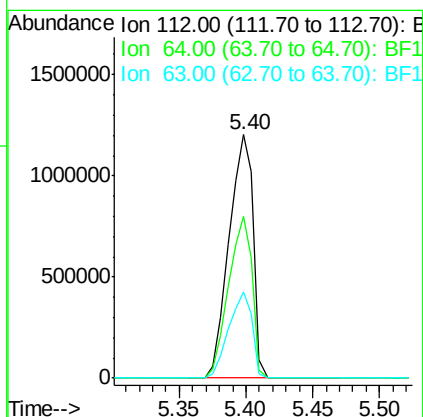
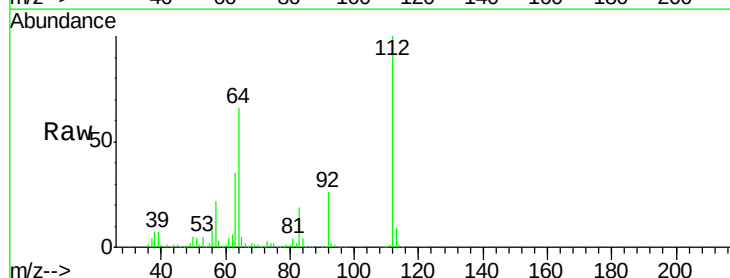
Tot Ion:152 Resp: 198474
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 60.3 50.1 75.1

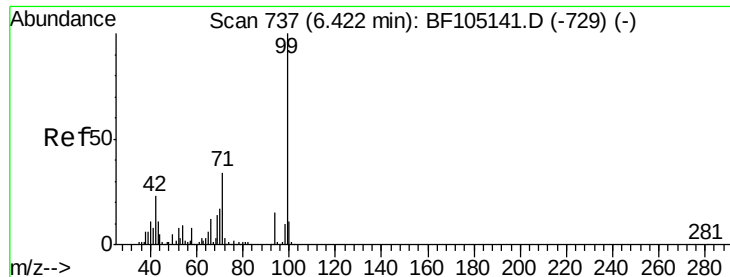


#5

2-Fluorophenol
Concen: 126.68 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:112 Resp: 1526115
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 35.4 23.7 35.5





#7

Phenol-d6

Concen: 125.33 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

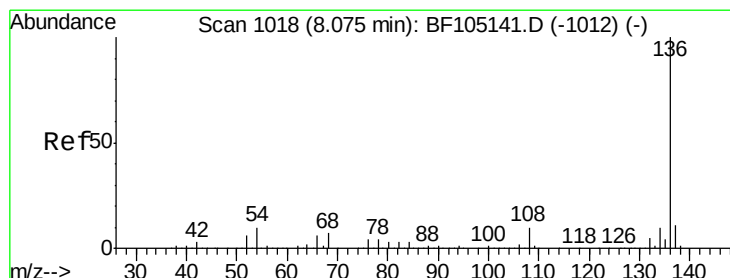
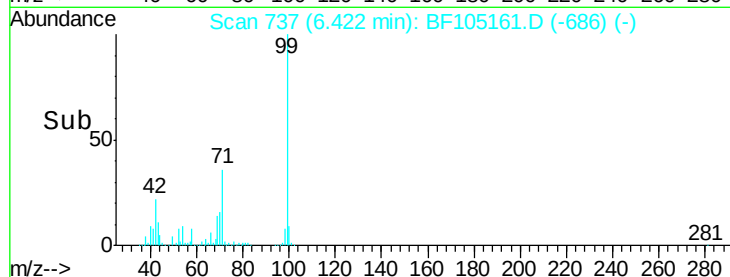
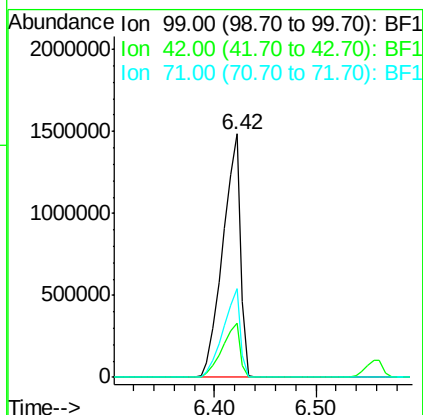
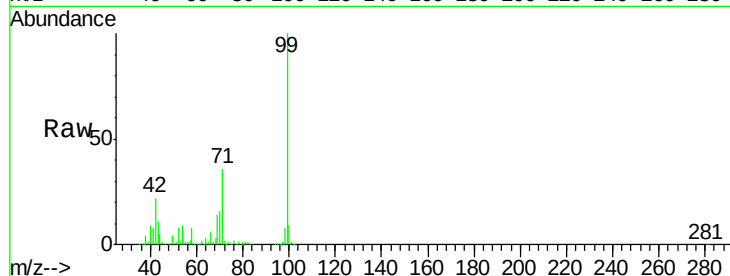
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1797794

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	36.4	25.4	38.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

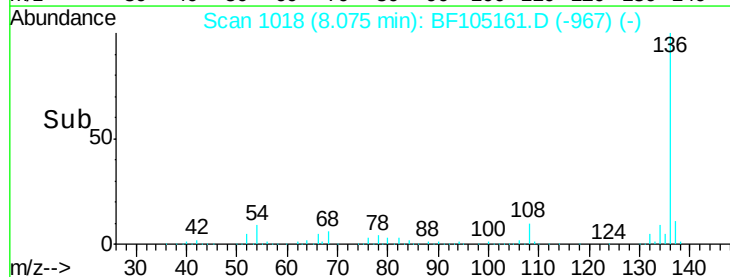
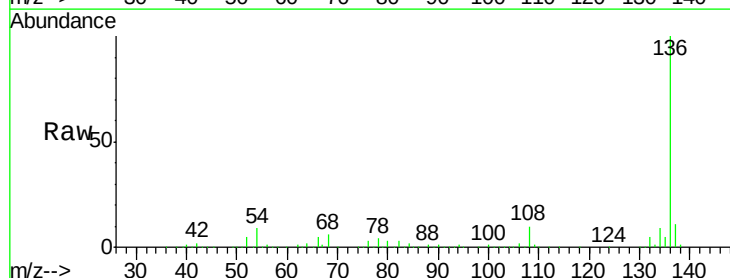
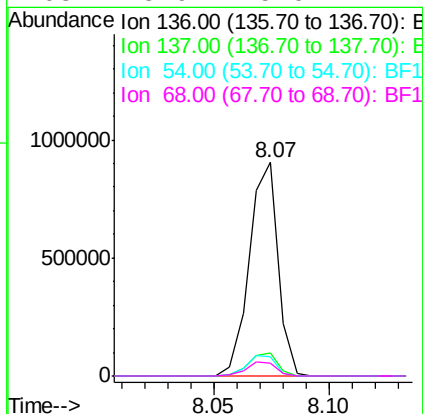
Delta R.T. -0.00 min

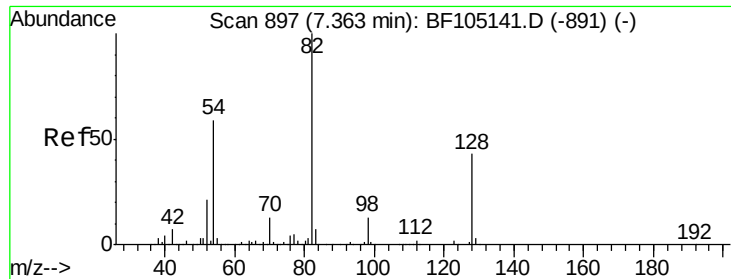
Lab File: BF105161.D

Acq: 8 May 2018 22:58

Tgt Ion: 136 Resp: 787522

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	6.6	9.8
68	5.9	5.0	7.4

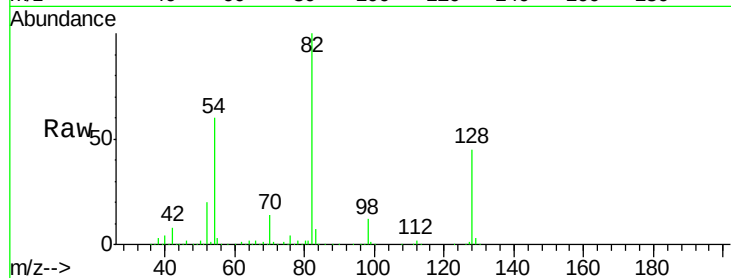




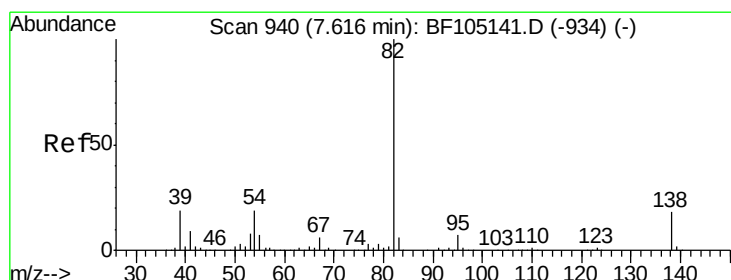
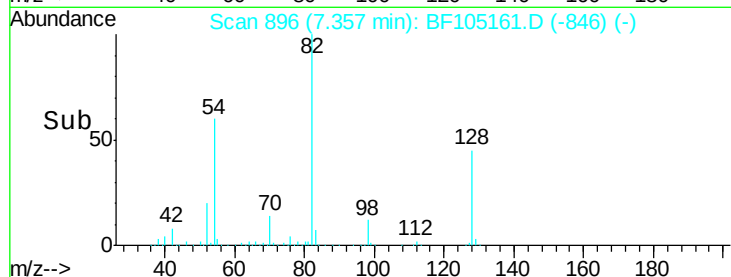
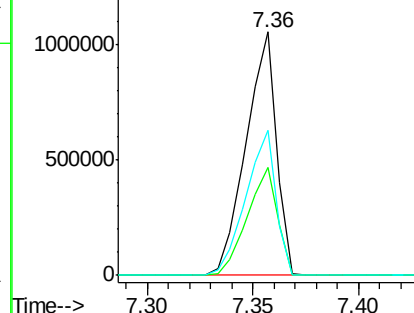
#23
Nitrobenzene-d5
Concen: 90.48 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1051355
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 59.6 41.4 62.2

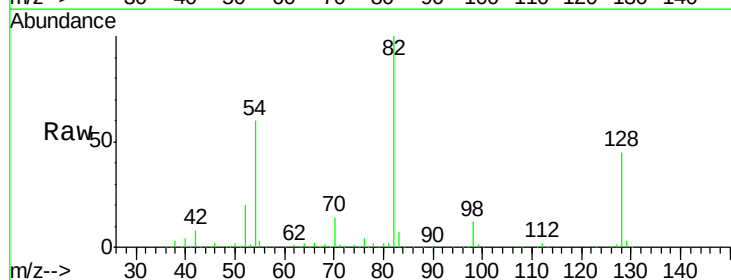


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

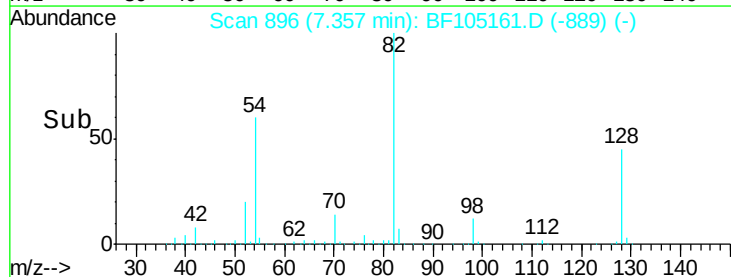
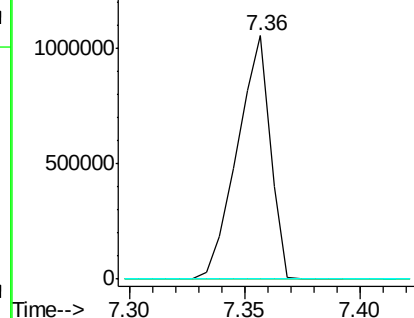


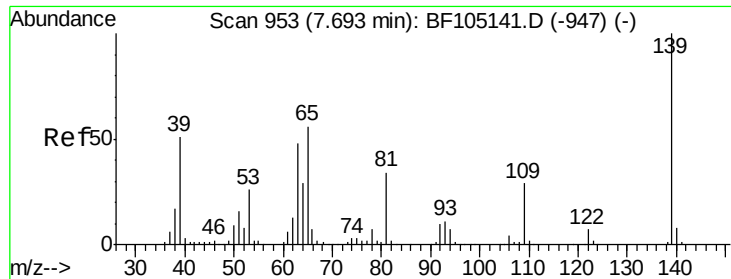
#25
Isophorone
Concen: 40.44 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion: 82 Resp: 1050783
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

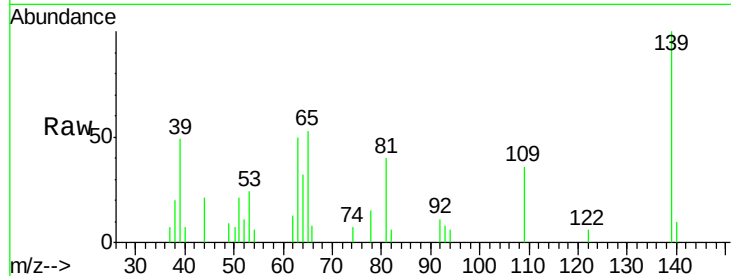




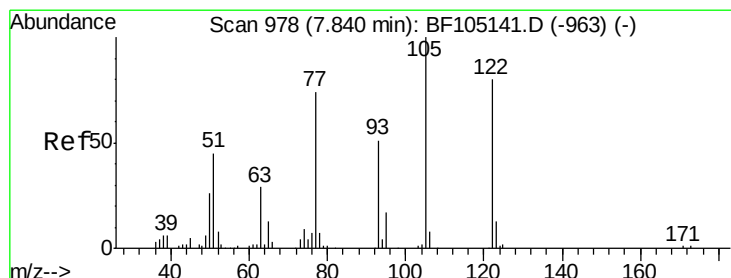
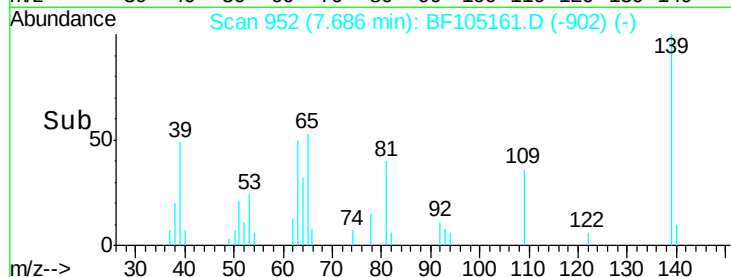
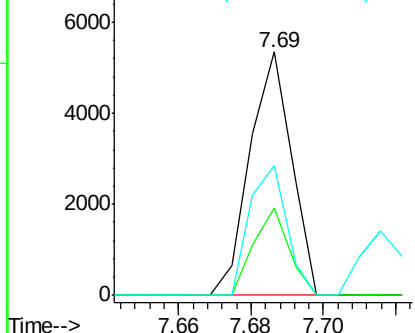
#26
2-Nitrophenol
Concen: 10.57 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 4261
Ion Ratio Lower Upper
139 100
109 35.8 22.7 34.1#
65 53.0 40.5 60.7

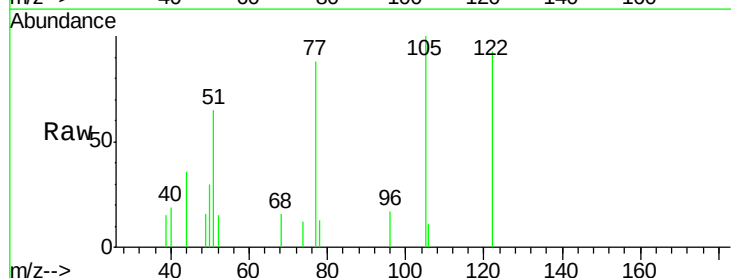


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

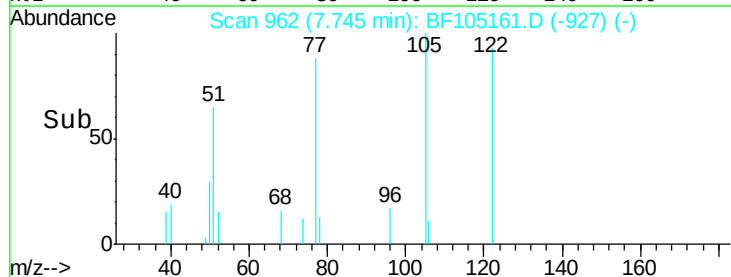
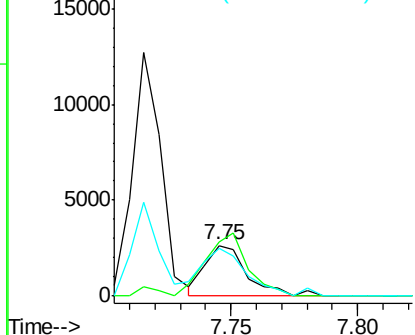


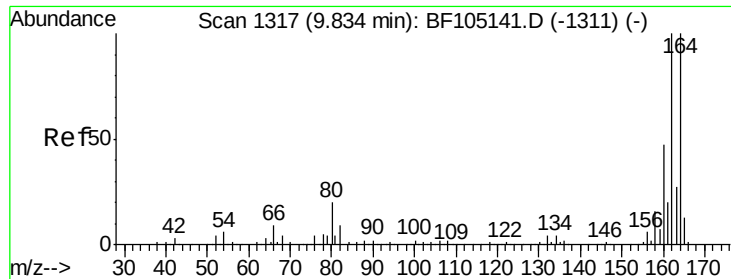
#32
Benzoic acid
Concen: 9.59 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:122 Resp: 3089
Ion Ratio Lower Upper
122 100
105 107.3 101.1 141.1
77 94.8 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

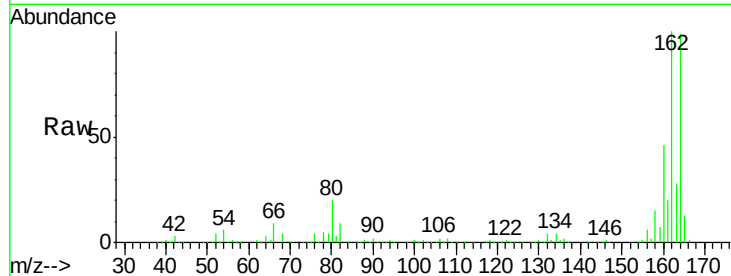




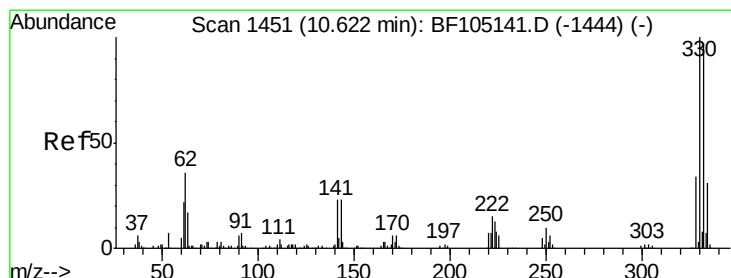
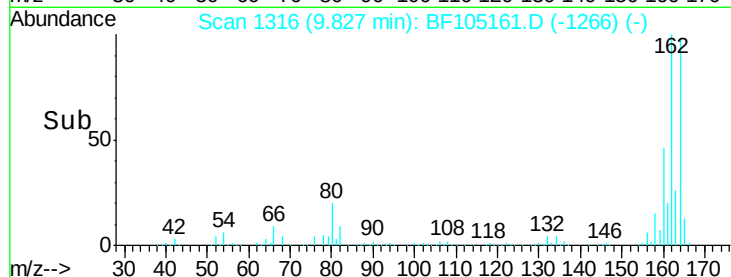
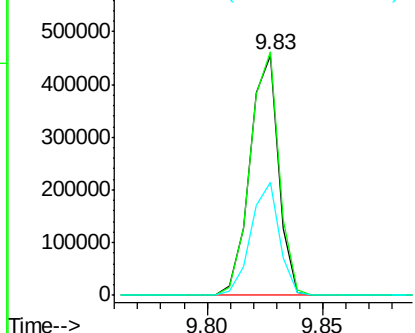
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 394654
 Ion Ratio Lower Upper
 164 100
 162 101.3 86.1 129.1
 160 46.8 38.3 57.5

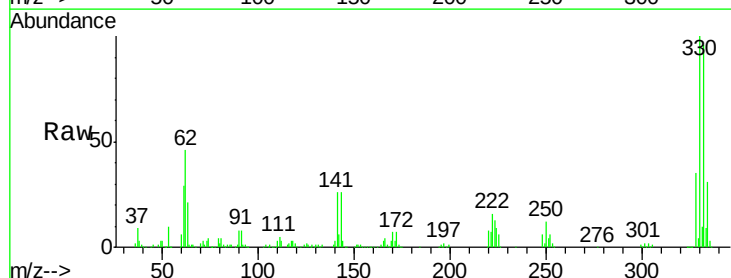


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

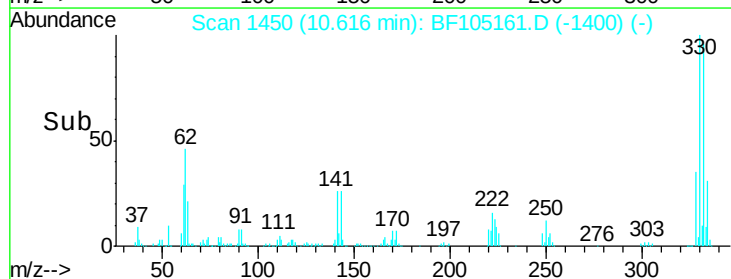
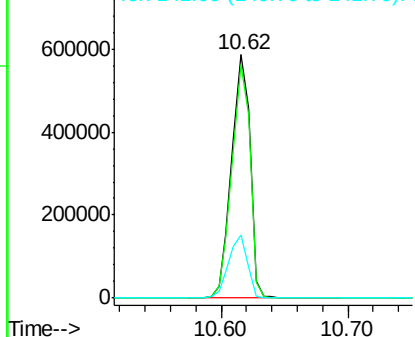


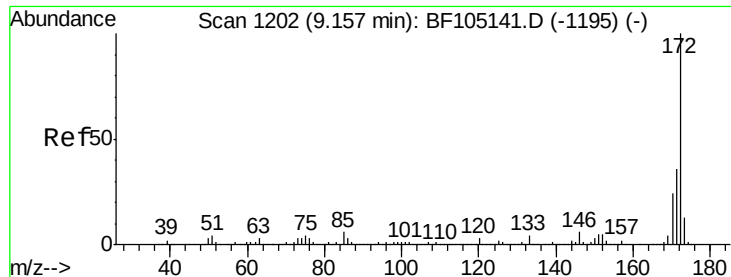
#41
 2,4,6-Tribromophenol
 Concen: 135.35 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Tgt Ion:330 Resp: 589332
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 26.6 29.9 44.9#



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

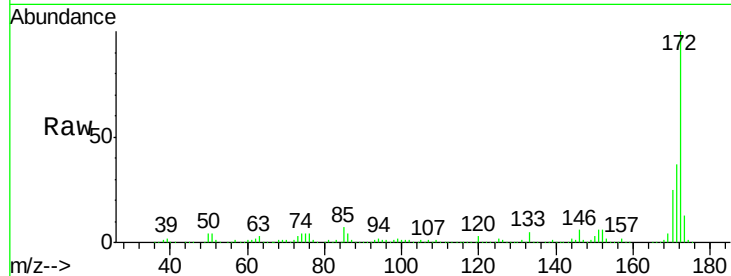




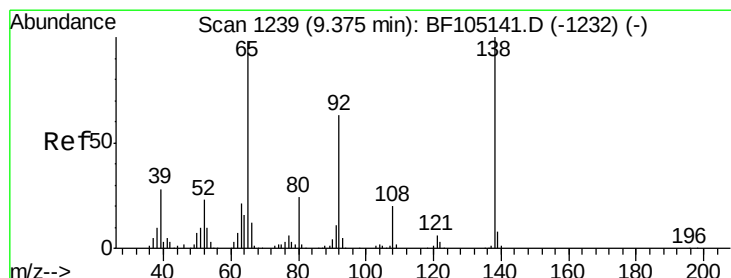
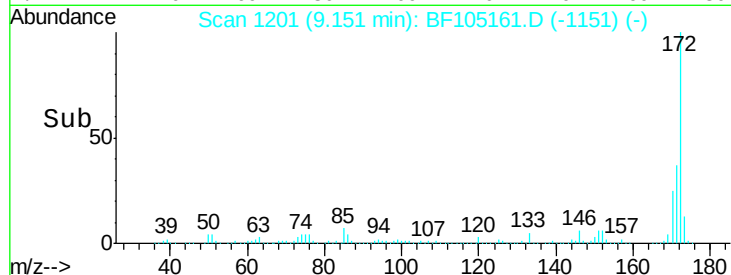
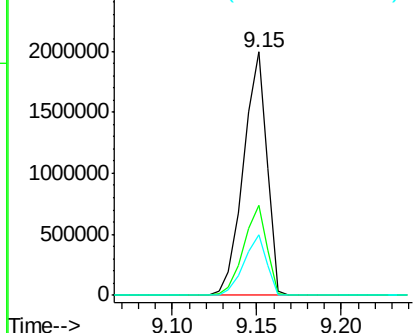
#44
2-Fluorobiphenyl
Concen: 76.13 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1935818
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.7 19.6 29.4

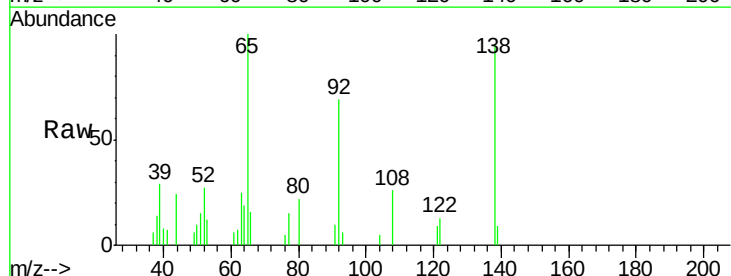


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

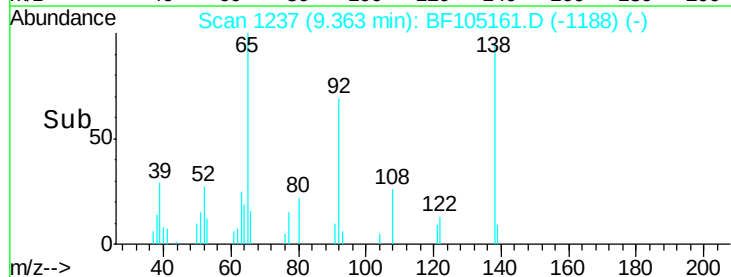
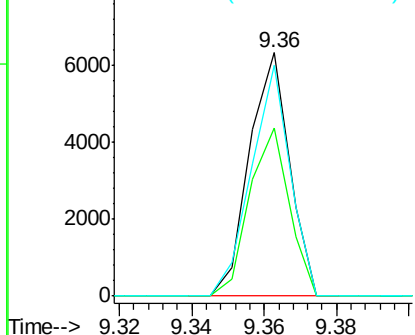


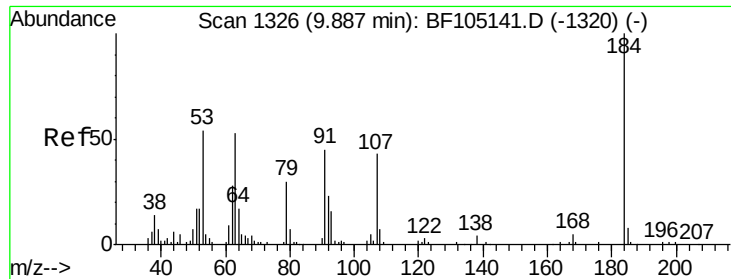
#47
2-Nitroaniline
Concen: 6.41 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion: 65 Resp: 4845
Ion Ratio Lower Upper
65 100
92 68.8 55.8 83.6
138 94.6 91.2 136.8



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

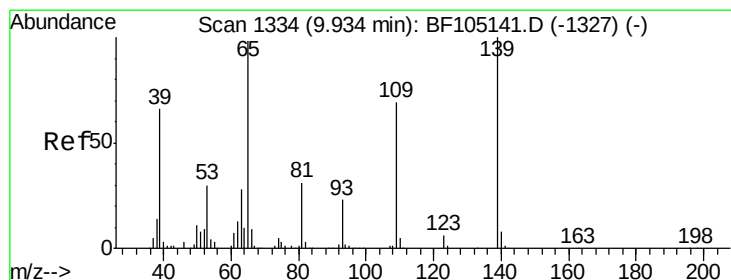
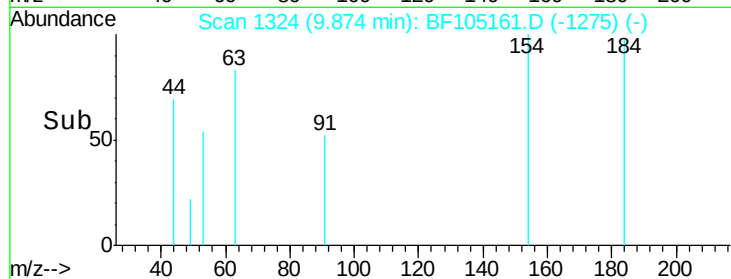
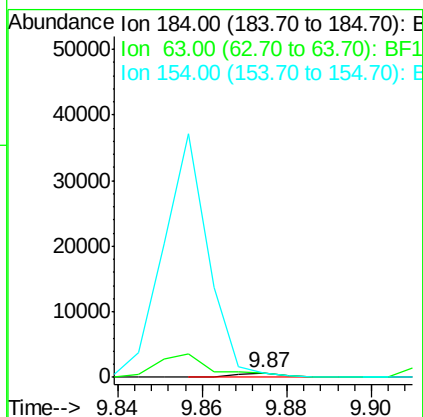
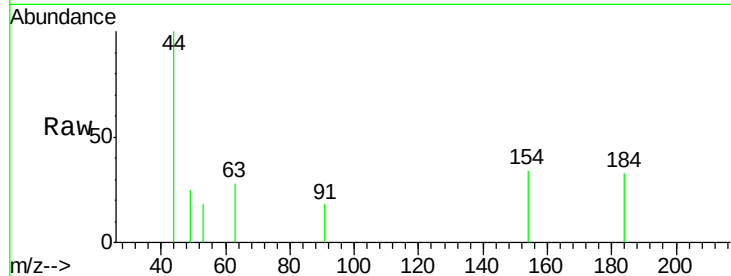




#53
2,4-Dinitrophenol
Concen: 9.64 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

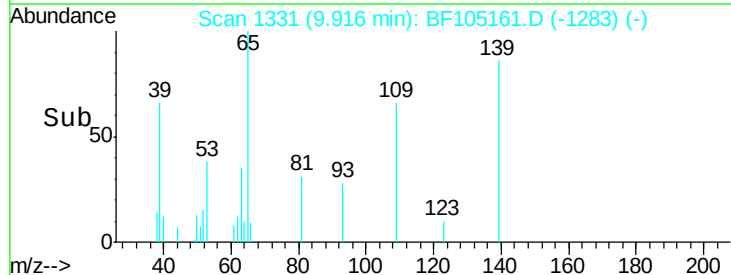
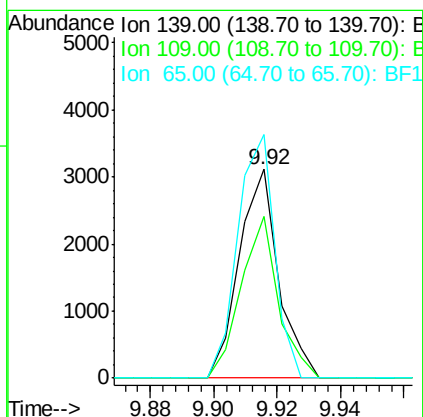
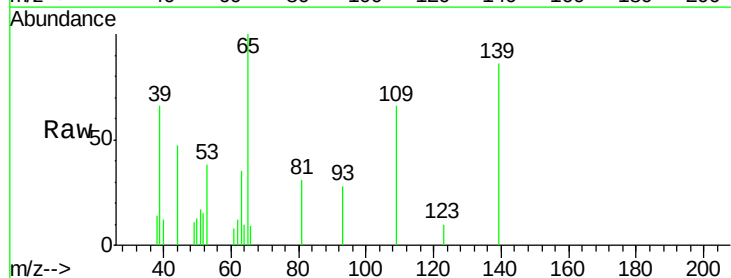
Instrument :
BNA_F
ClientSampleId :

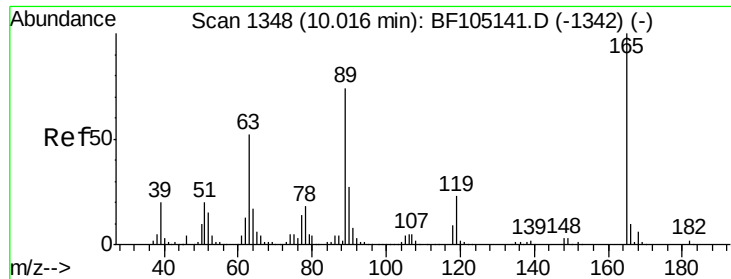
Tot Ion:184 Resp: 509
Ion Ratio Lower Upper
184 100
63 85.1 54.2 81.2#
154 102.0 184.0 276.0#



#55
4-Nitrophenol
Concen: 4.76 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:139 Resp: 2672
Ion Ratio Lower Upper
139 100
109 77.4 48.4 88.4
65 116.7 72.6 112.6#

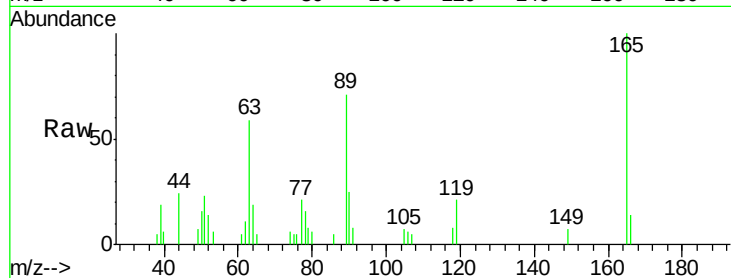




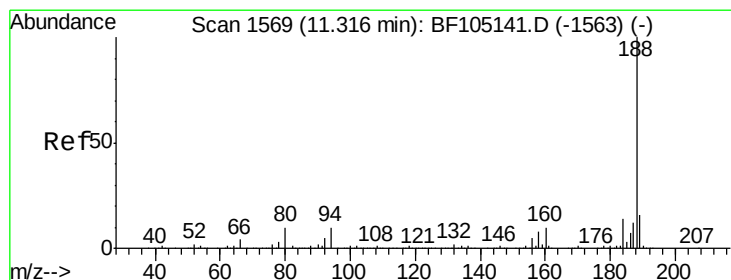
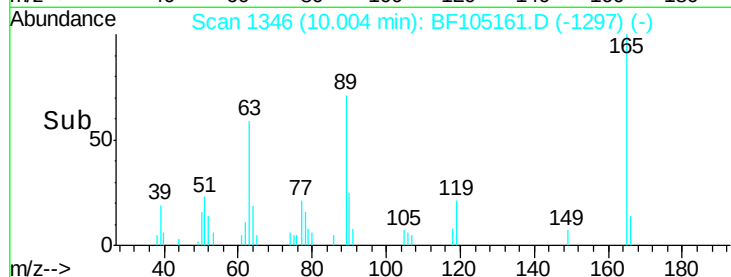
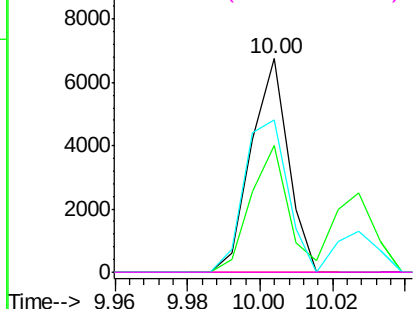
#56
 2,4-Dinitrotoluene
 Concen: 4.18 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 4799
 Ion Ratio Lower Upper
 165 100
 63 59.2 36.4 54.6#
 89 71.1 57.8 86.6
 182 0.0 1.6 2.4#

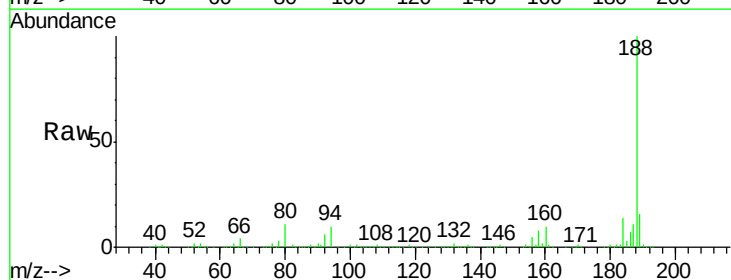


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

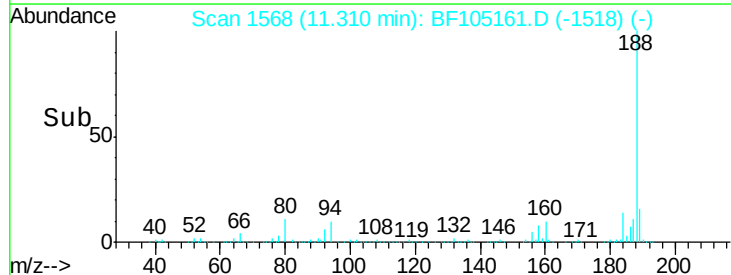
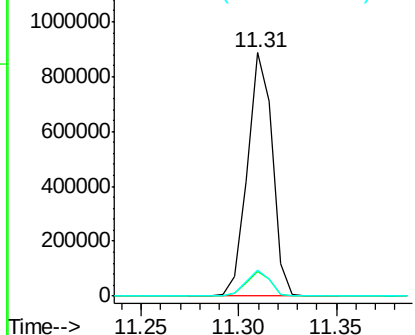


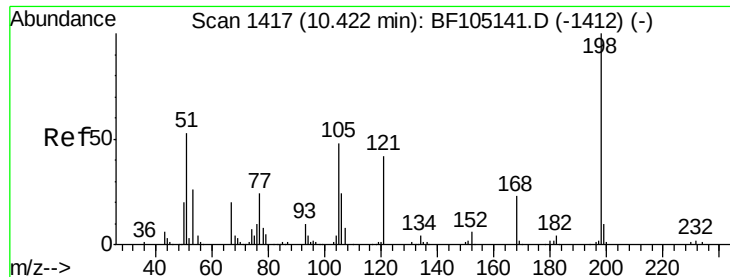
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Tgt Ion:188 Resp: 783219
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.9 9.2 13.8



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

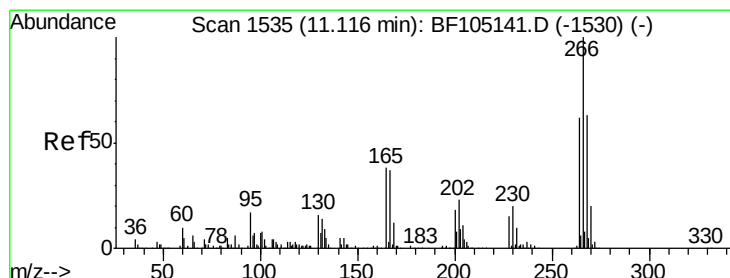
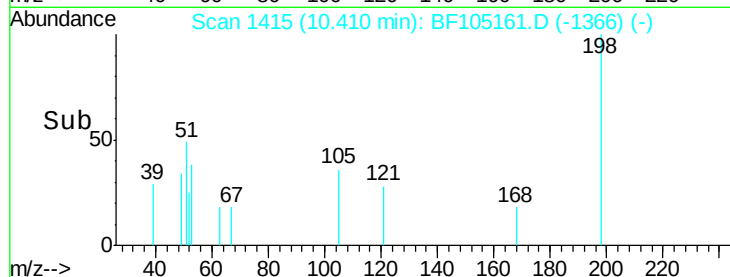
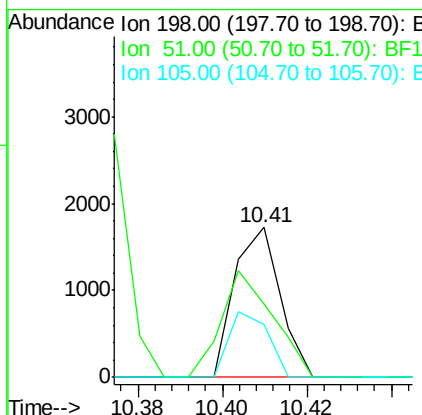
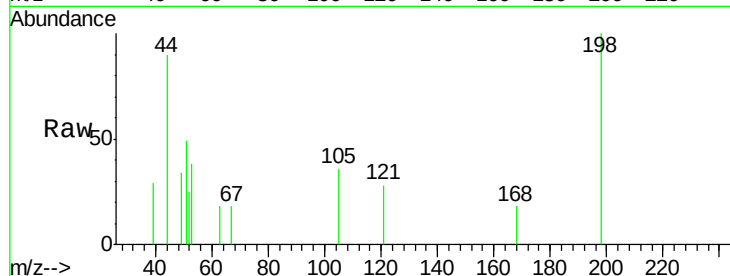




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.23 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

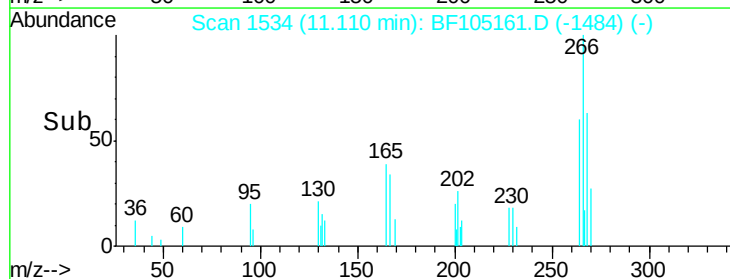
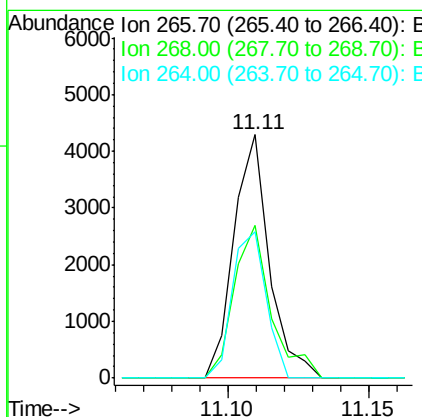
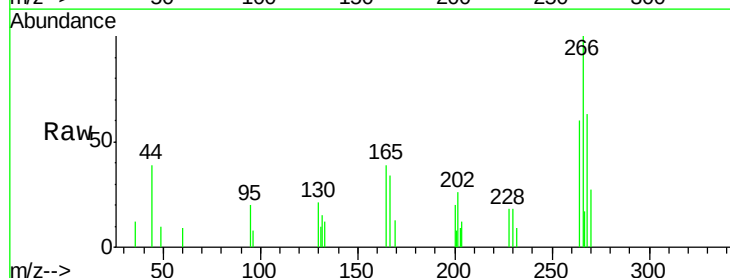
Instrument :
 BNA_F
 ClientSampleId :

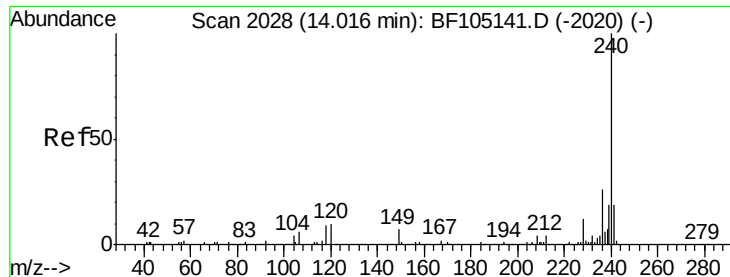
Tot Ion:198 Resp: 1288
 Ion Ratio Lower Upper
 198 100
 51 48.7 37.7 77.7
 105 35.7 36.3 76.3#



#69
 Pentachlorophenol
 Concen: 3.86 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105161.D
 Acq: 8 May 2018 22:58

Tgt Ion:266 Resp: 3750
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 59.9 49.5 74.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

Instrument :

BNA_F

ClientSampleId :

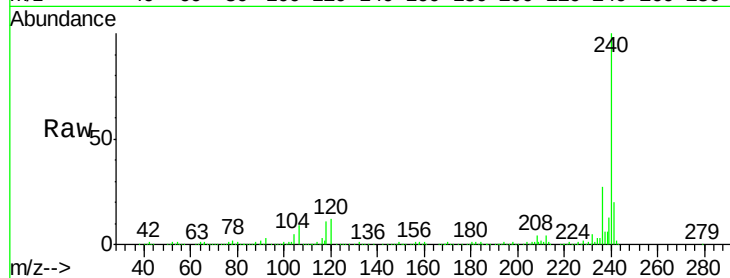
Tot Ion:240 Resp: 659730

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

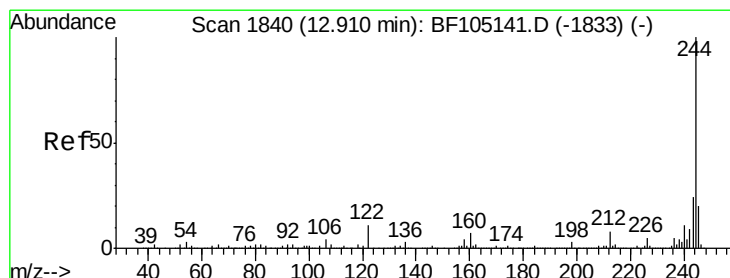
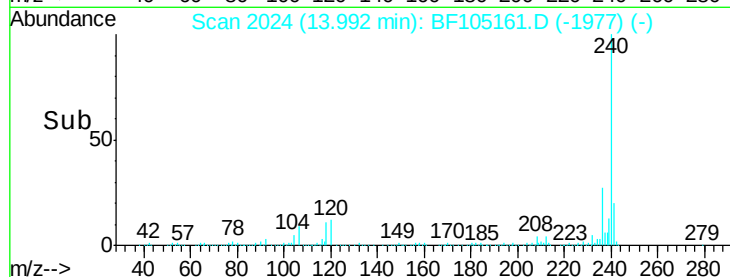
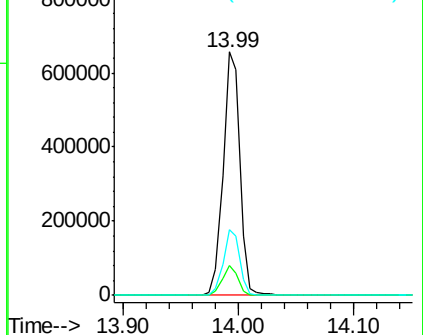
236 27.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 75.33 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105161.D

Acq: 8 May 2018 22:58

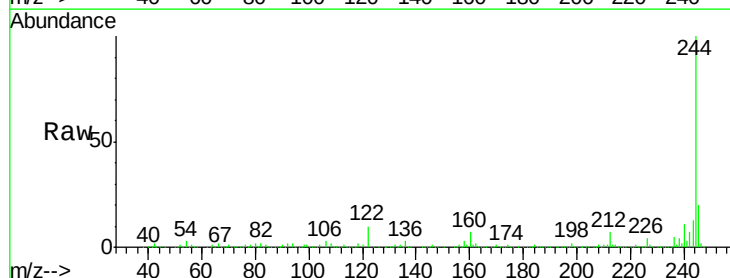
Tgt Ion:244 Resp: 2139466

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

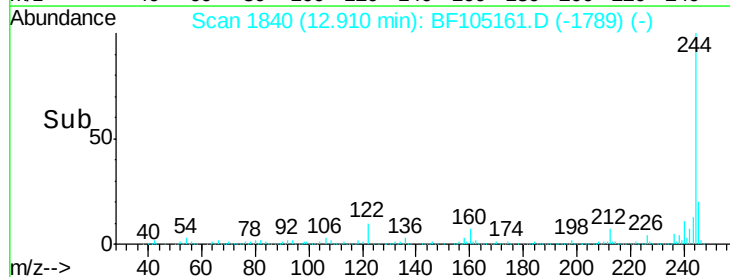
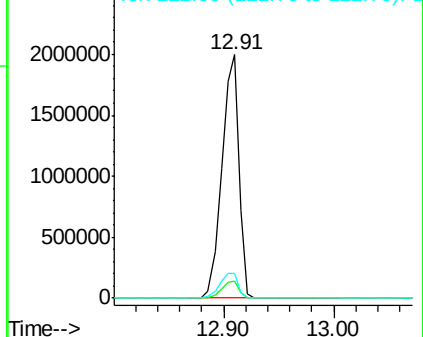
122 10.3 11.0 16.4#

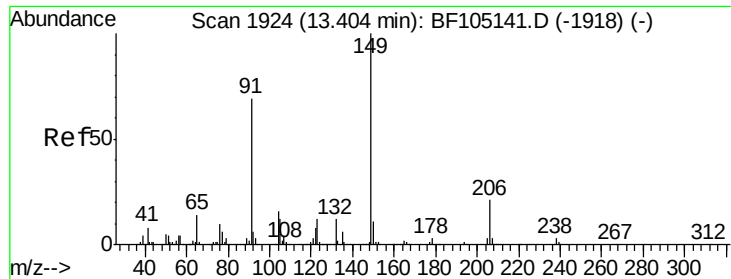


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

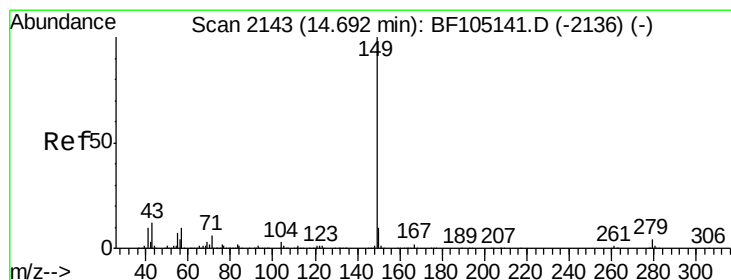
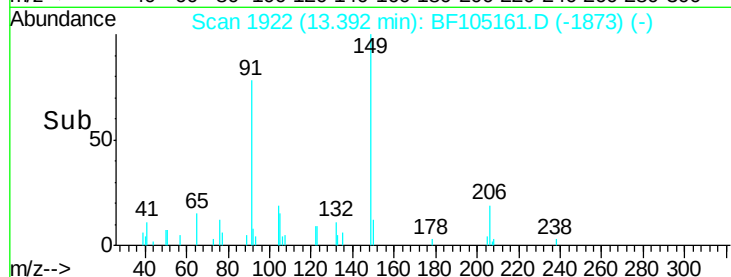
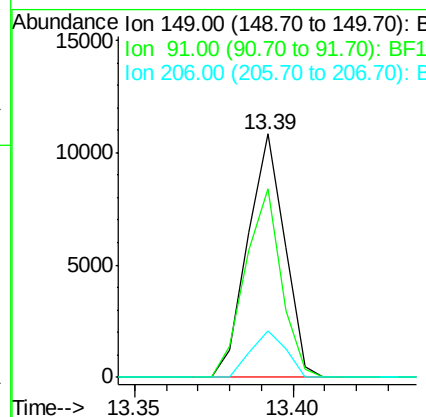
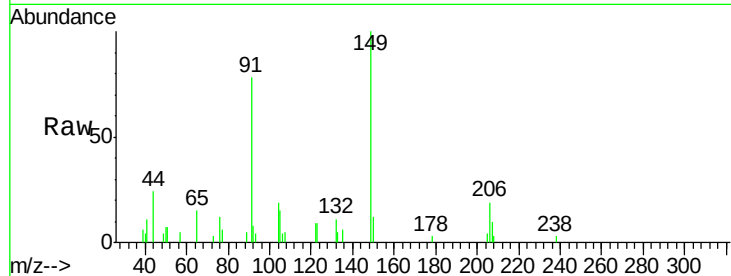




#79
Butylbenzylphthalate
Concen: 7.33 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

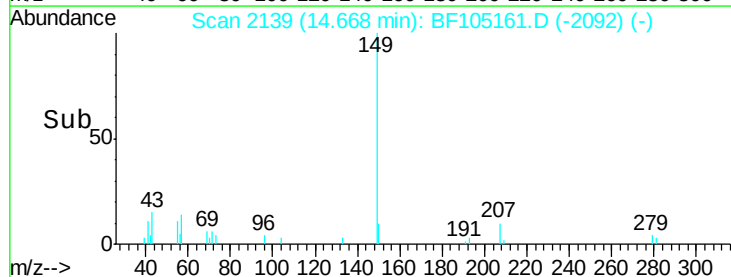
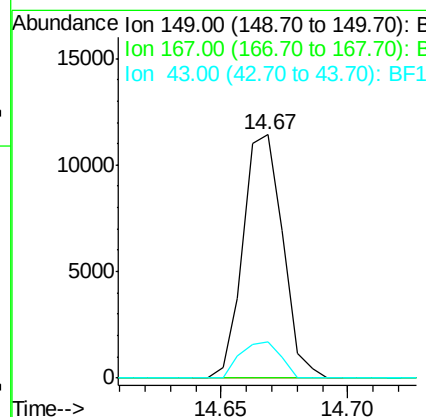
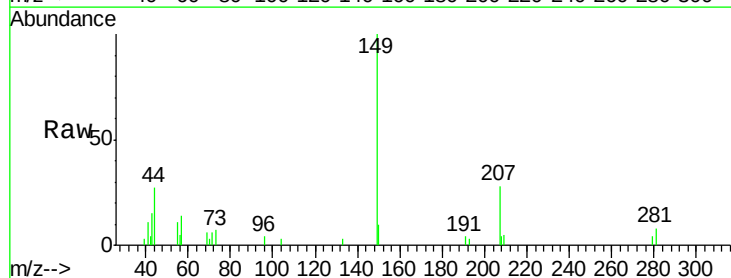
Instrument :
BNA_F
ClientSampleId :

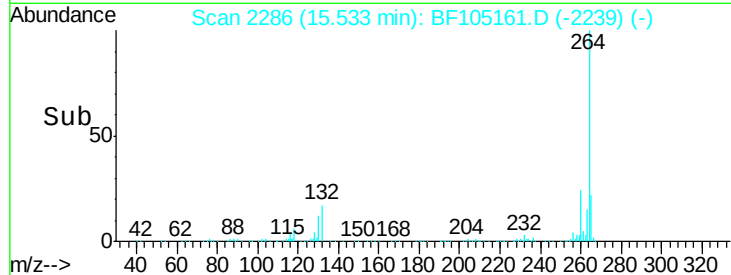
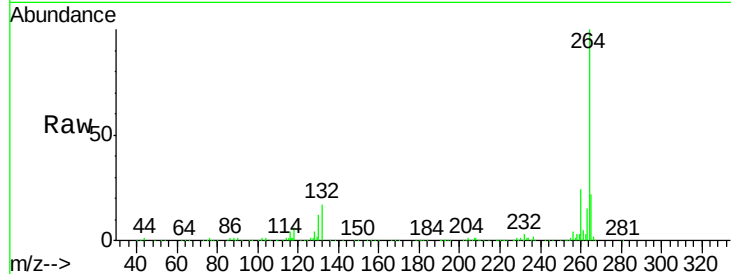
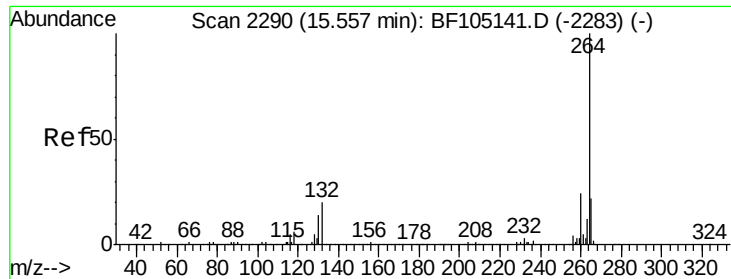
Tot Ion:149 Resp: 8722
Ion Ratio Lower Upper
149 100
91 77.5 56.8 85.2
206 19.4 14.1 21.1



#84
Di-n-octyl phthalate
Concen: 7.21 ng
RT: 14.67 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Tgt Ion:149 Resp: 12450
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 15.0 8.4 12.6#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BF105161.D
Acq: 8 May 2018 22:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	560986
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	17.5	26.3

