

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106331.D
 Acq On : 12 Jun 2018 8:34
 Operator : JU/SJ
 Sample : J3309-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 11:06:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

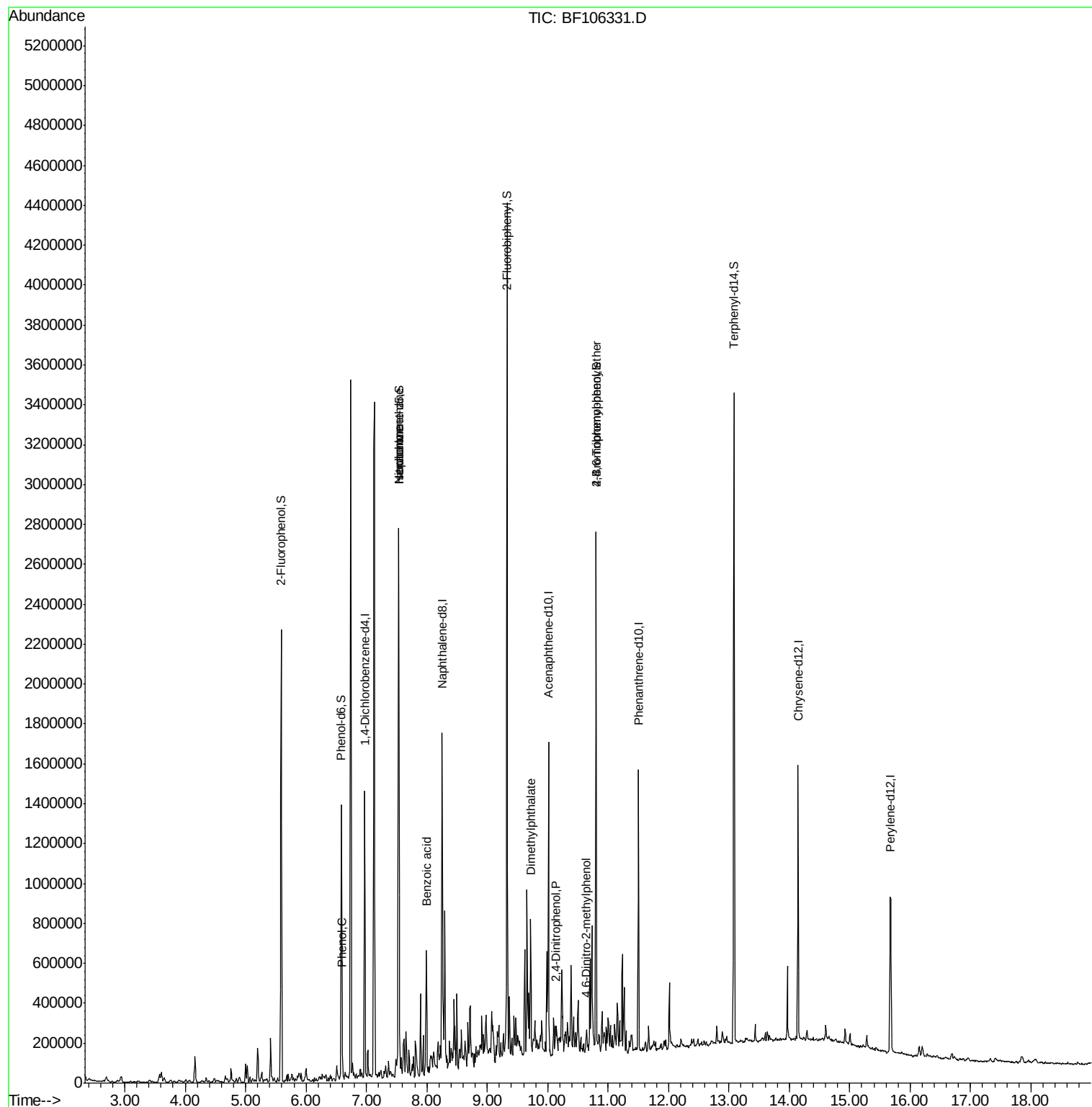
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188211	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	654574	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	275387	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	449830	20.00	ng	0.00
75) Chrysene-d12	14.14	240	503840	20.00	ng	-0.02
86) Perylene-d12	15.67	264	390025	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	560719	50.42	ng	0.00
7) Phenol-d6	6.58	99	439187	31.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	888102	79.82	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	316069	119.28	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1371891	90.17	ng	0.00
78) Terphenyl-d14	13.08	244	1084160	53.45	ng	0.00
Target Compounds						
10) Phenol	6.60	94	36432	2.375	ng	92
18) Hexachloroethane	7.54	117	33901	6.661	ng	# 1
25) Isophorone	7.53	82	888102	40.864	ng	# 64
32) Benzoic acid	8.00	122	129	7.305	ng	# 1
49) Dimethylphthalate	9.72	163	219107	11.136	ng	99
53) 2,4-Dinitrophenol	10.12	184	116	8.670	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.63	198	297	6.401	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20751	4.056	ng	# 1

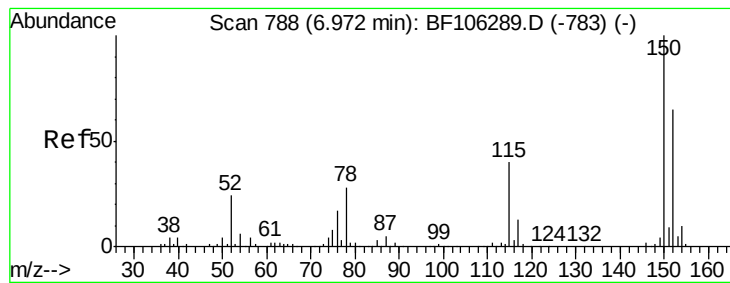
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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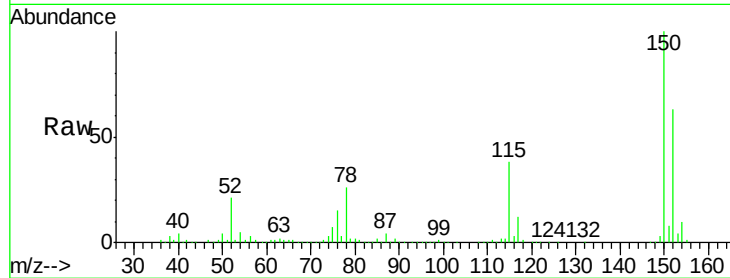


#1

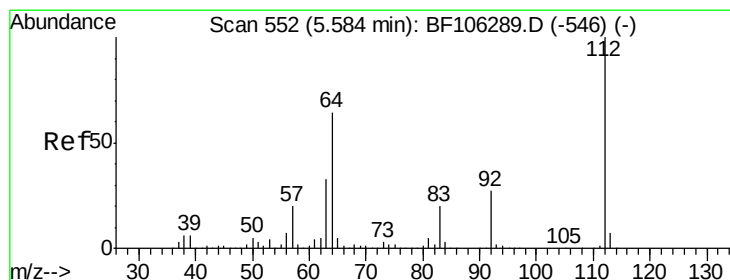
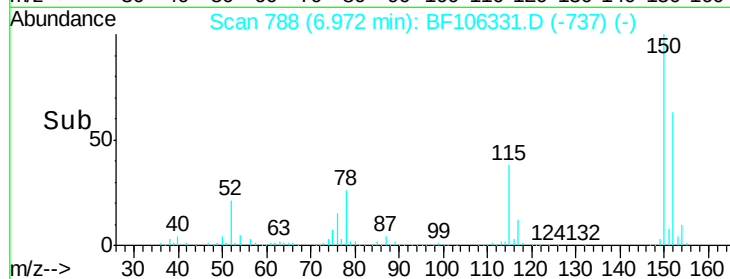
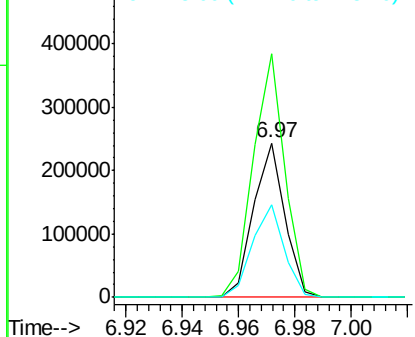
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 188211
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 60.0 50.1 75.1



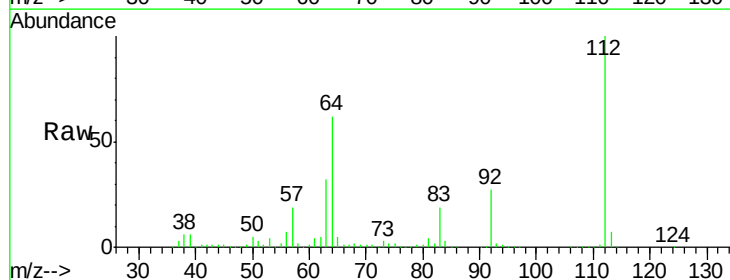
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



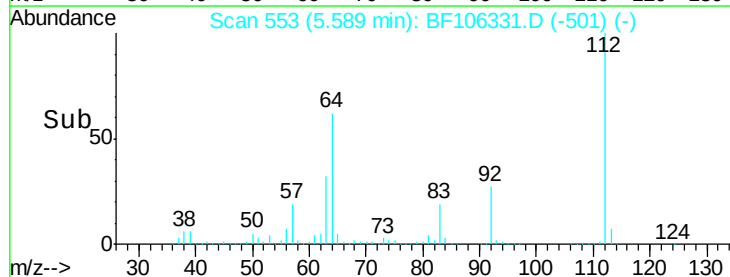
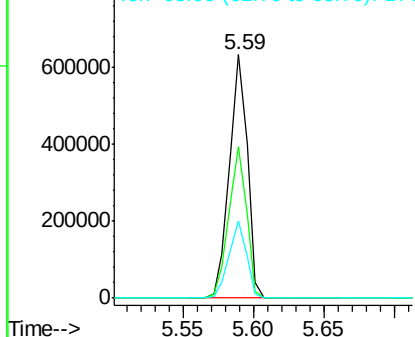
#5

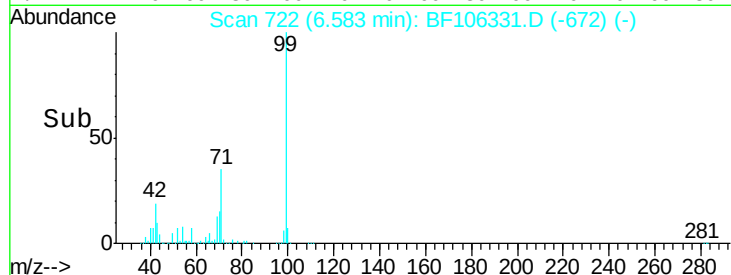
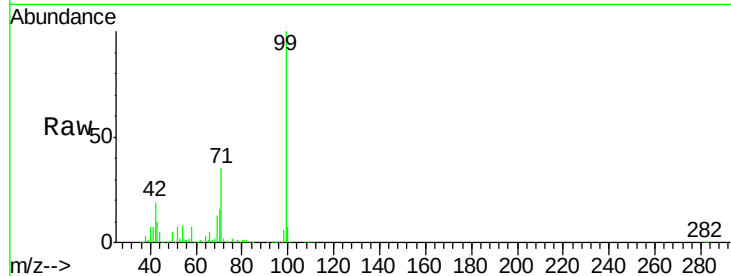
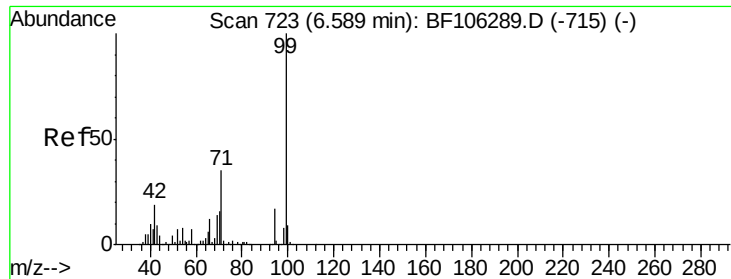
2-Fluorophenol
Concen: 50.423 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Tgt Ion:112 Resp: 560719
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.260 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106331.D

Acq: 12 Jun 2018 8:34

Instrument :

BNA_F

ClientSampleId :

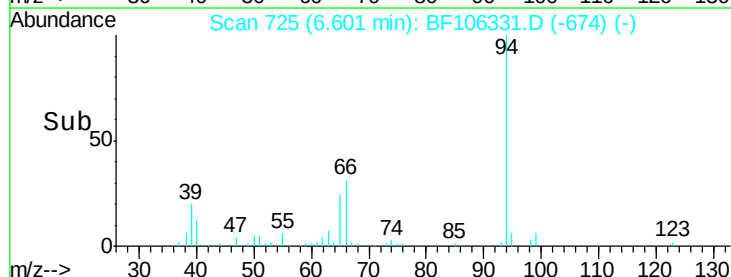
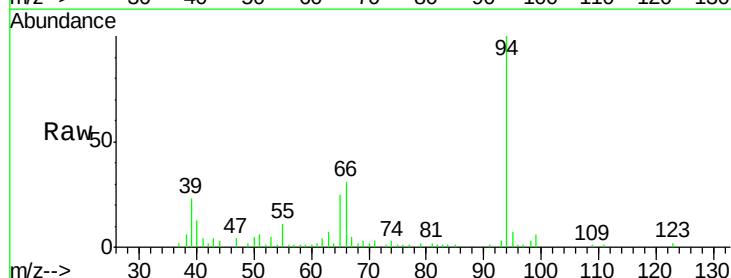
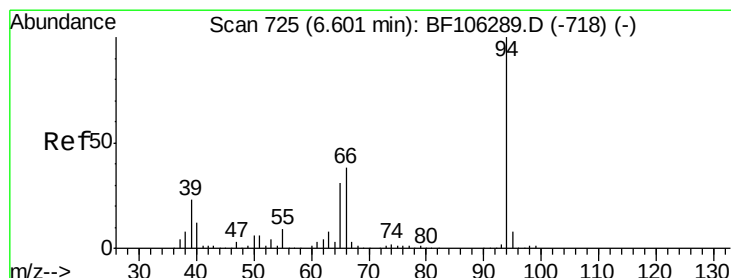
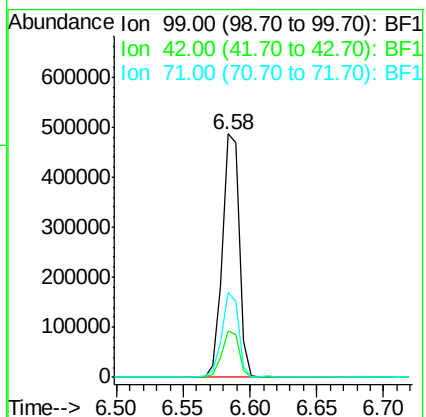
Tot Ion: 99 Resp: 439187

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 2.375 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF106331.D

Acq: 12 Jun 2018 8:34

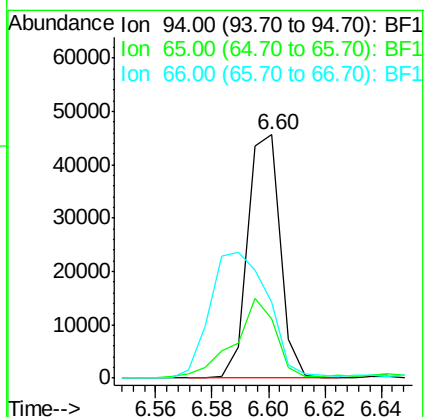
Tgt Ion: 94 Resp: 36432

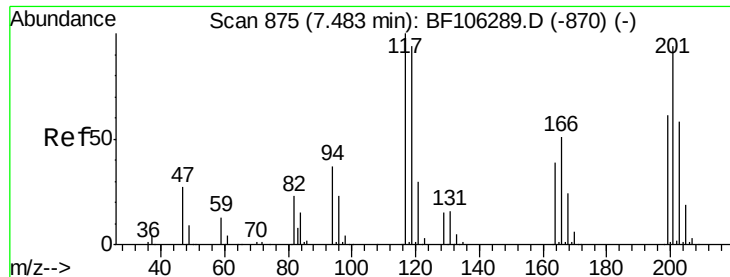
Ion Ratio Lower Upper

94 100

65 24.6 7.9 47.9

66 31.0 16.2 56.2

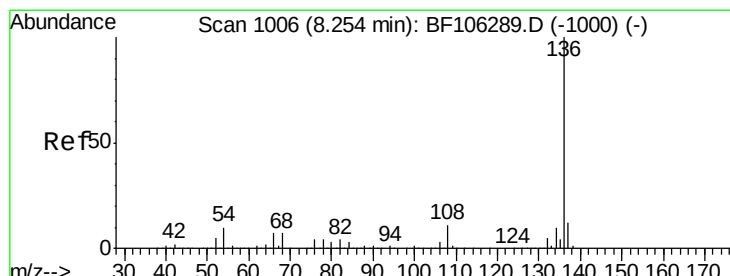
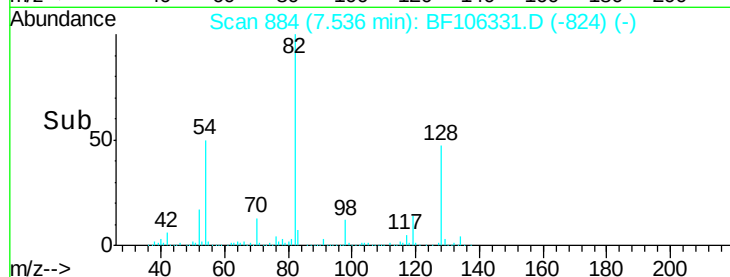
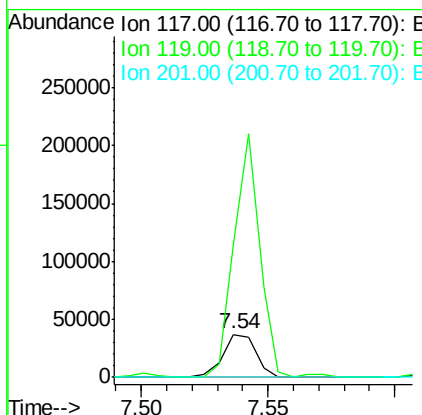
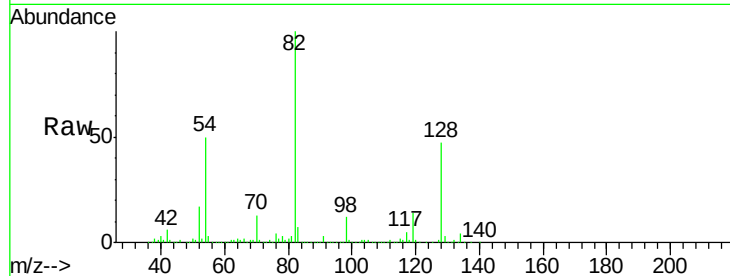




#18
Hexachloroethane
Concen: 6.661 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.05 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

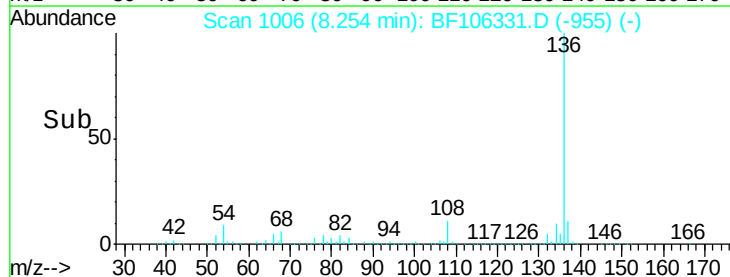
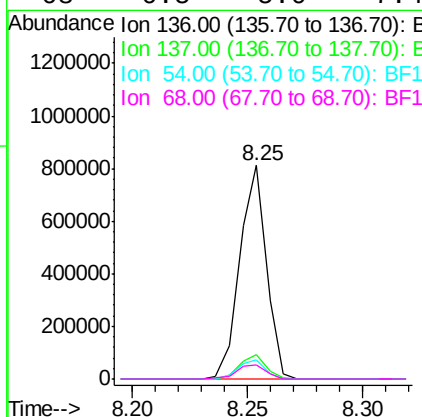
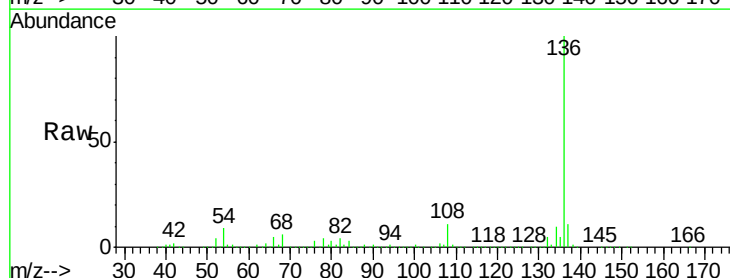
Instrument :
BNA_F
ClientSampled :

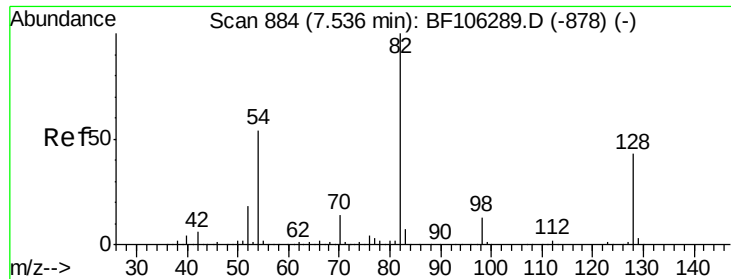
Tot Ion:117 Resp: 33901
Ion Ratio Lower Upper
117 100
119 308.1 75.8 113.8#
201 0.0 75.7 113.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Tgt Ion:136 Resp: 654574
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.8 6.6 9.8
68 6.5 5.0 7.4

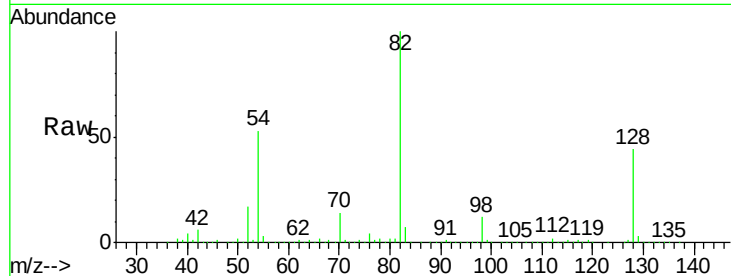




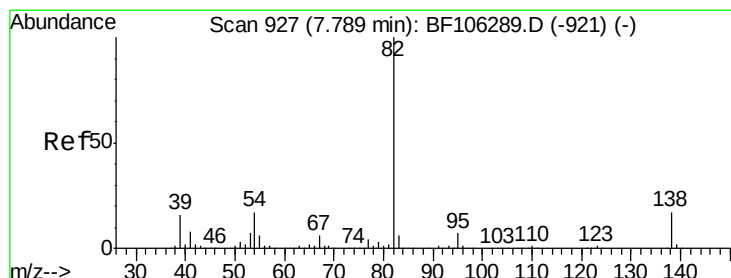
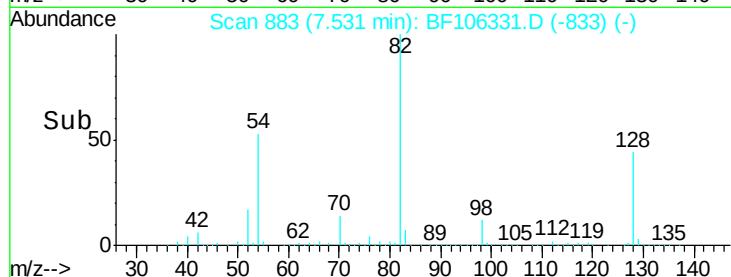
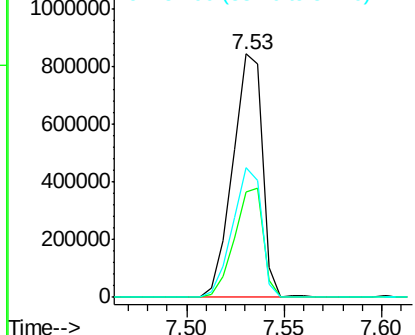
#23
Nitrobenzene-d5
Concen: 79.816 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	888102
Ion Ratio	Lower	Upper	
82	100		
128	43.5	36.1	54.1
54	53.3	41.4	62.2

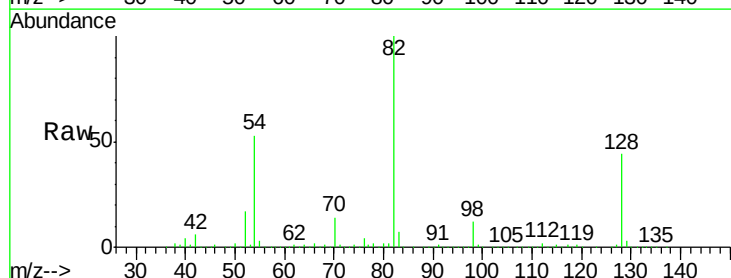


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

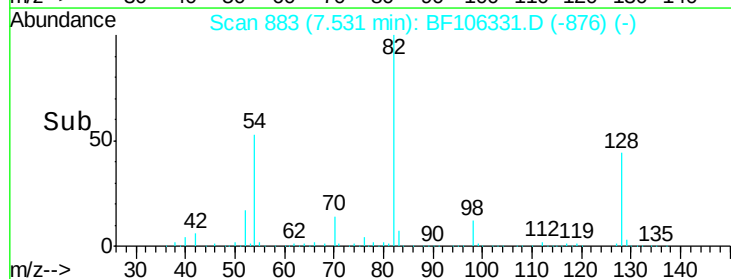
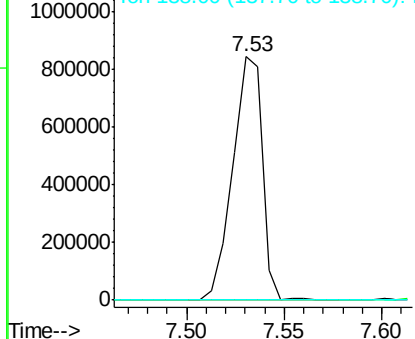


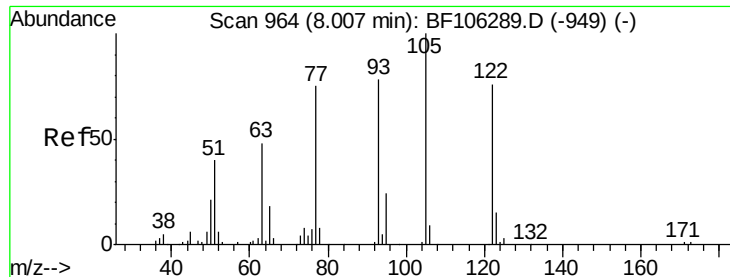
#25
Isophorone
Concen: 40.864 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Tgt Ion	82	Resp	888102
Ion Ratio	Lower	Upper	
82	100		
95	0.2	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

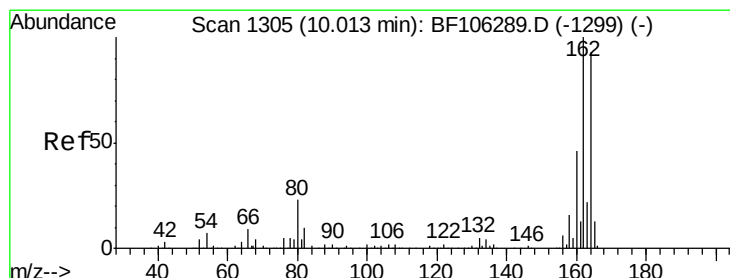
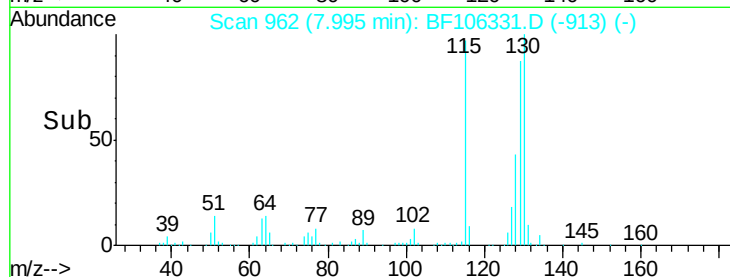
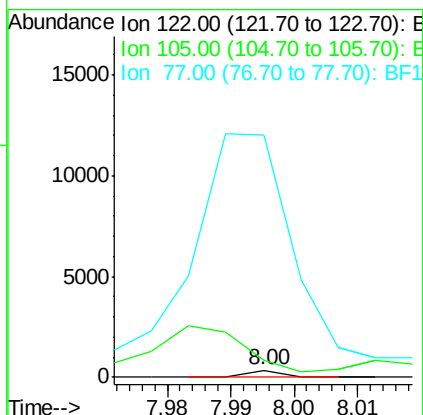
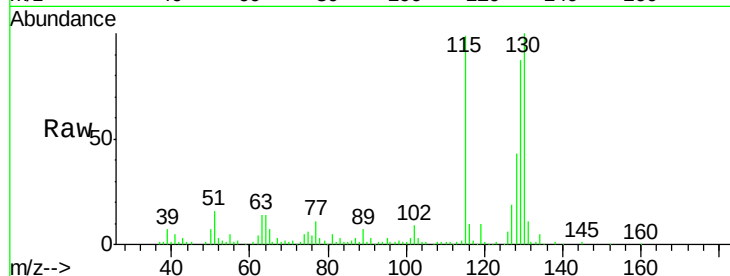




#32
Benzoic acid
Concen: 7.305 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

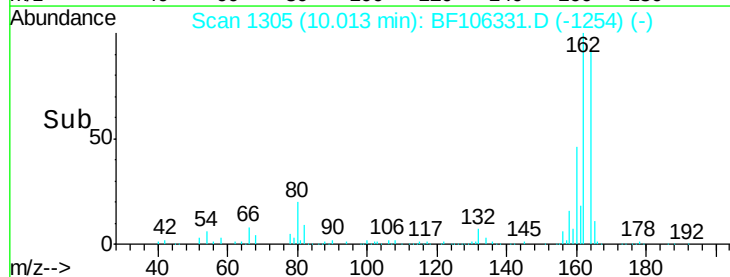
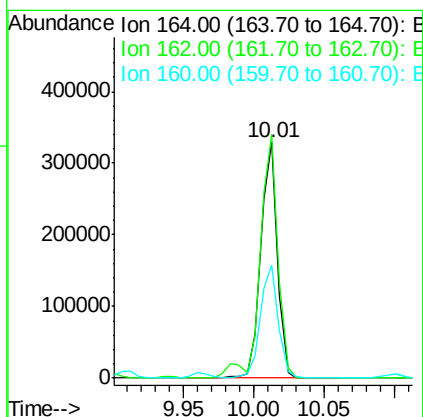
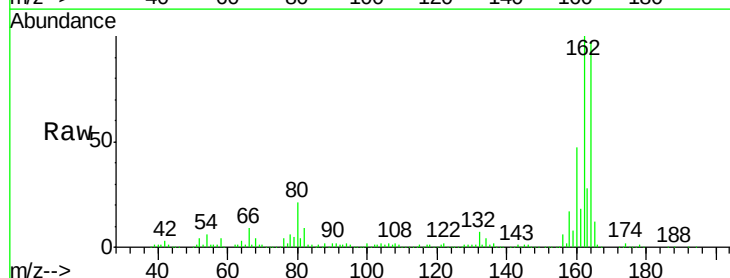
Instrument :
BNA_F
ClientSampleId :

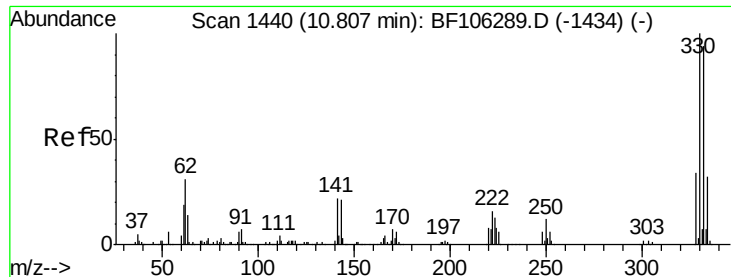
Tot Ion:122 Resp: 129
Ion Ratio Lower Upper
122 100
105 234.7 101.1 141.1#
77 3287.7 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Tgt Ion:164 Resp: 275387
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 48.2 38.3 57.5

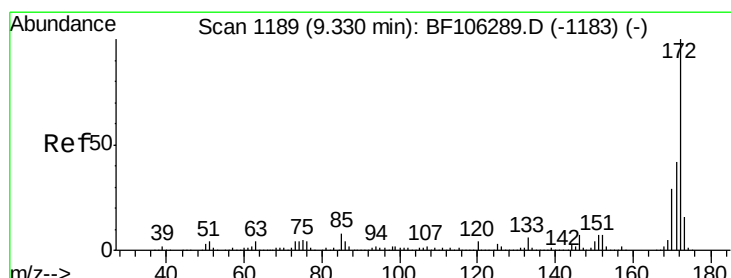
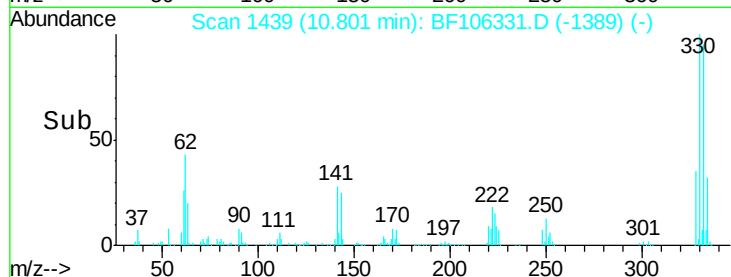
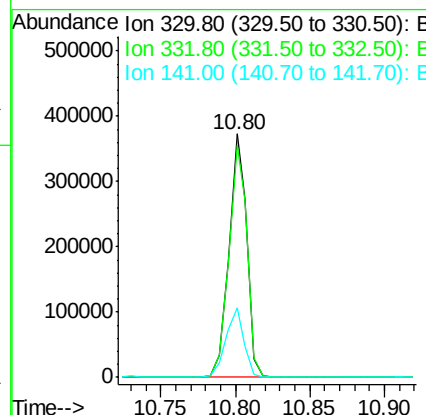
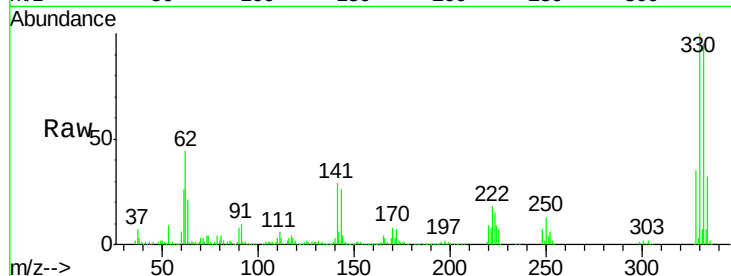




#41
 2,4,6-Tribromophenol
 Concen: 119.285 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106331.D
 Acq: 12 Jun 2018 8:34

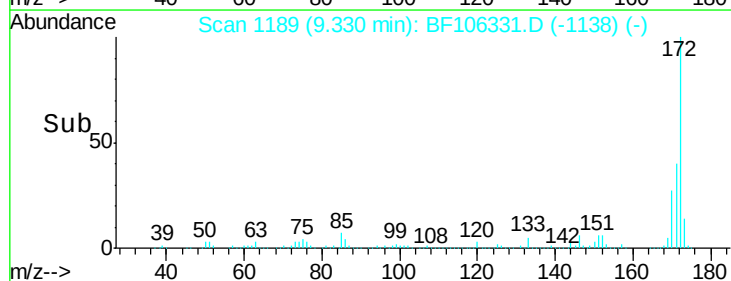
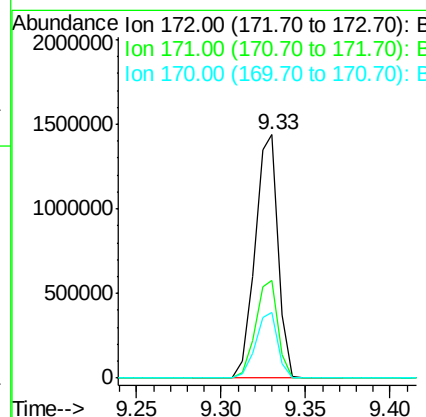
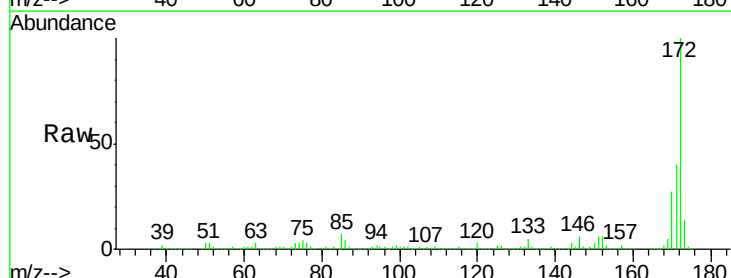
Instrument :
 BNA_F
 ClientSampled :

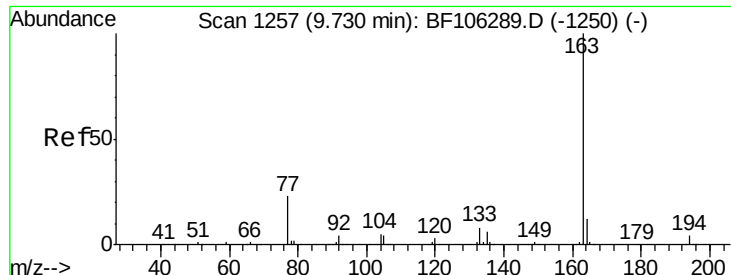
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	28.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 90.170 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106331.D
 Acq: 12 Jun 2018 8:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	29.7	44.5
170	27.1	19.6	29.4

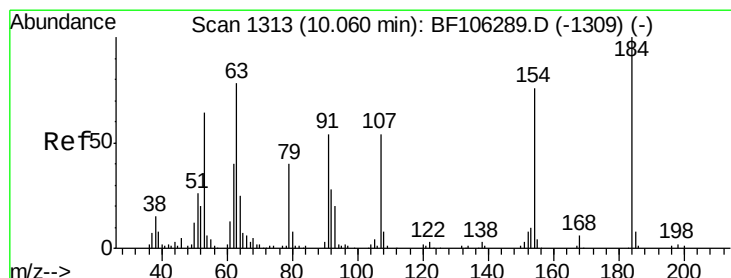
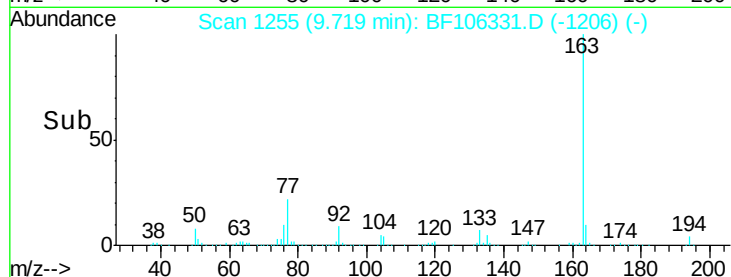
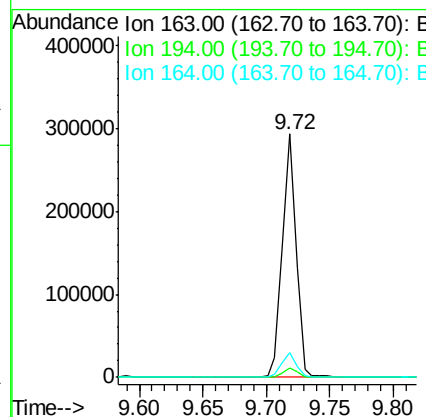
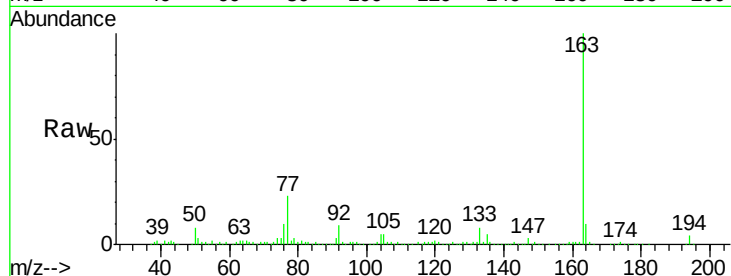




#49
Dimethylphthalate
Concen: 11.136 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

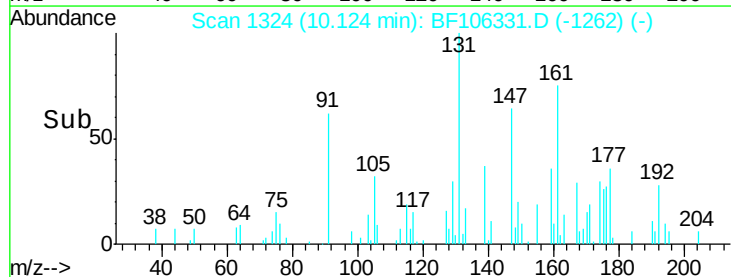
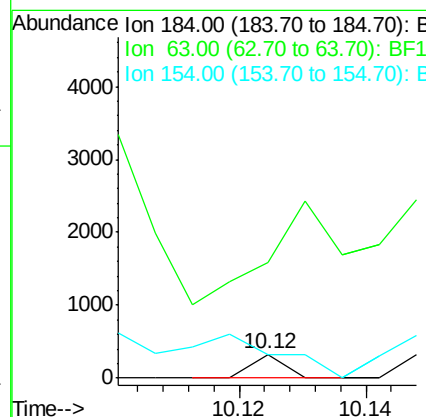
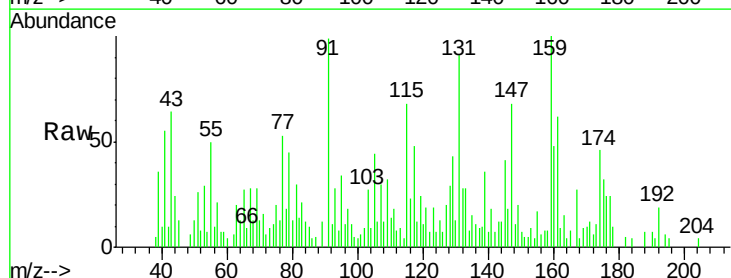
Instrument :
BNA_F
ClientSampleId :

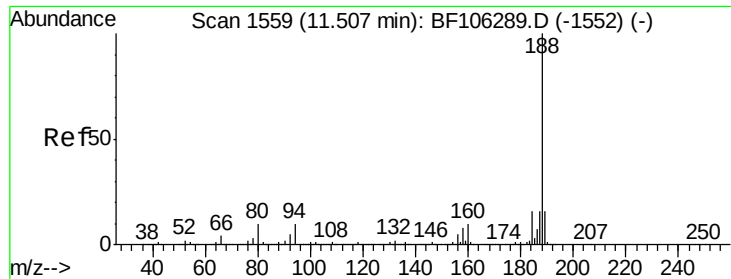
Tot Ion:163 Resp: 219107
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.4 8.2 12.2



#53
2,4-Dinitrophenol
Concen: 8.670 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.07 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Tgt Ion:184 Resp: 116
Ion Ratio Lower Upper
184 100
63 484.5 54.2 81.2#
154 99.1 184.0 276.0#

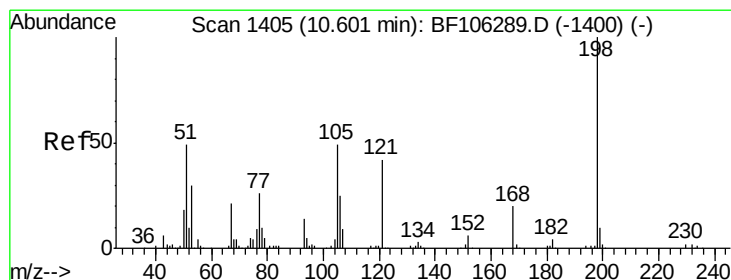
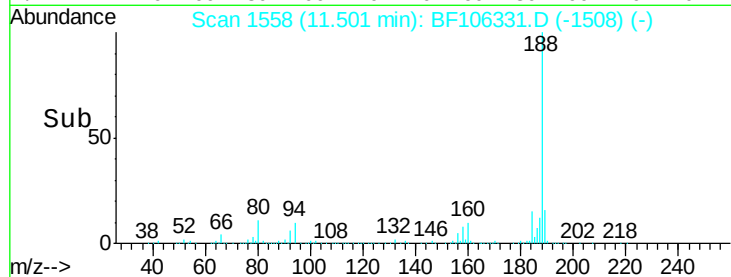
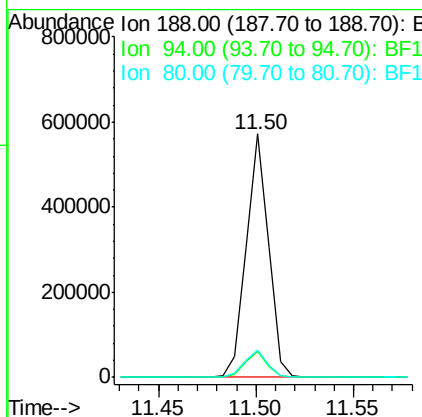
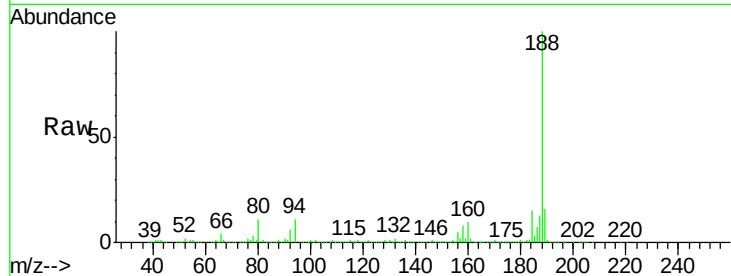




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF106331.D
 Acq: 12 Jun 2018 8:34

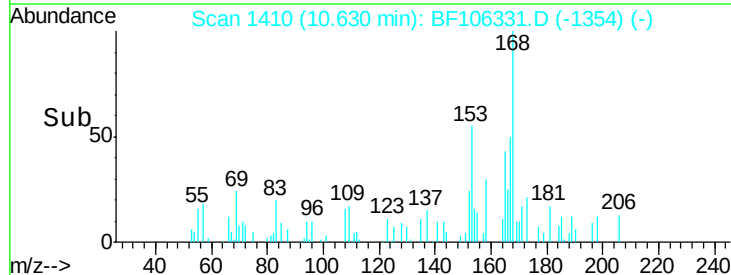
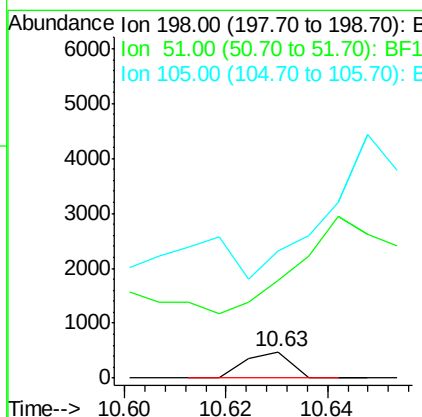
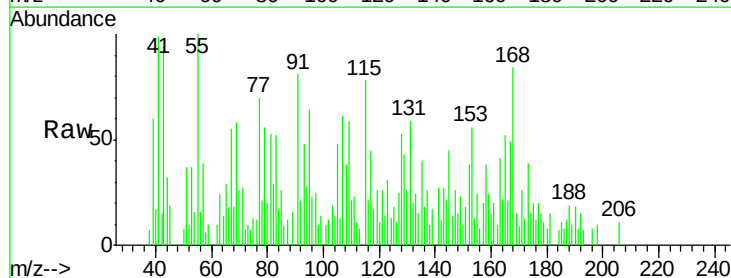
Instrument :
 BNA_F
 ClientSampleId :

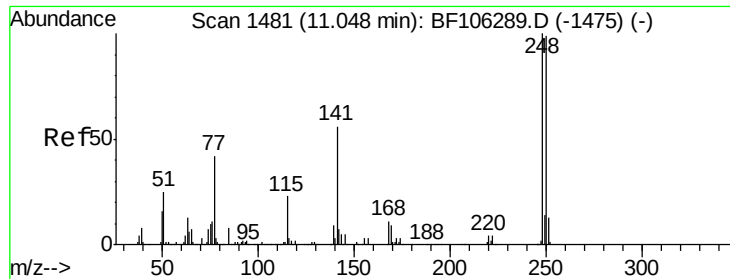
Tot Ion:188 Resp: 449830
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.401 ng
 RT: 10.63 min Scan# 1410
 Delta R.T. 0.03 min
 Lab File: BF106331.D
 Acq: 12 Jun 2018 8:34

Tgt Ion:198 Resp: 297
 Ion Ratio Lower Upper
 198 100
 51 373.4 37.7 77.7#
 105 485.5 36.3 76.3#

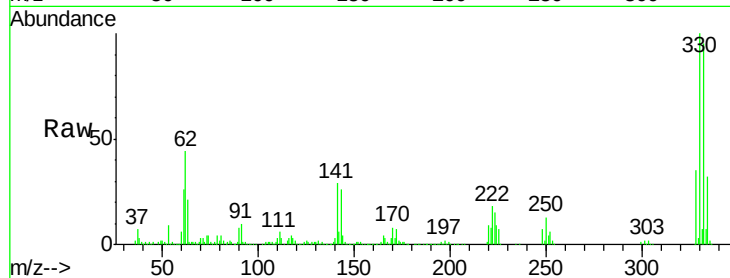




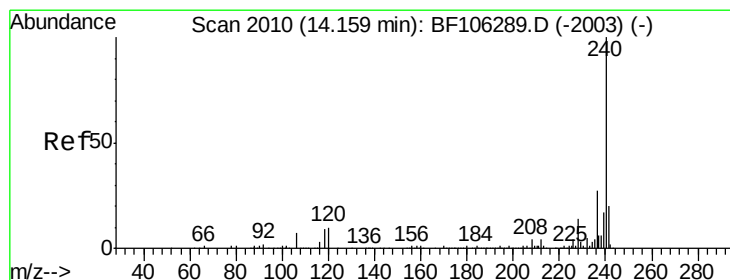
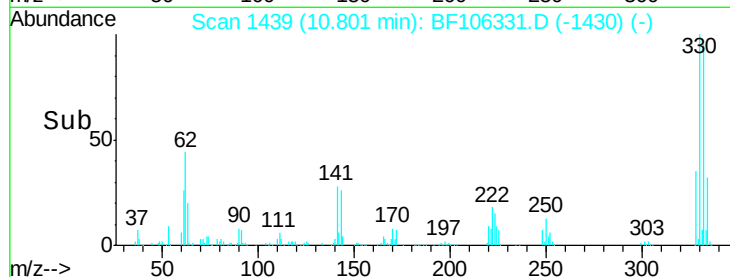
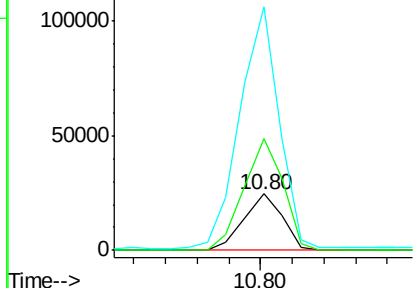
#66
4-Bromophenyl-phenylether
Concen: 4.056 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 20751
Ion Ratio Lower Upper
248 100
250 198.1 76.9 115.3#
141 432.8 74.4 111.6#

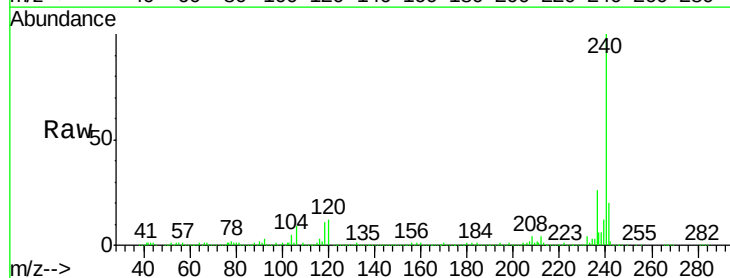


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

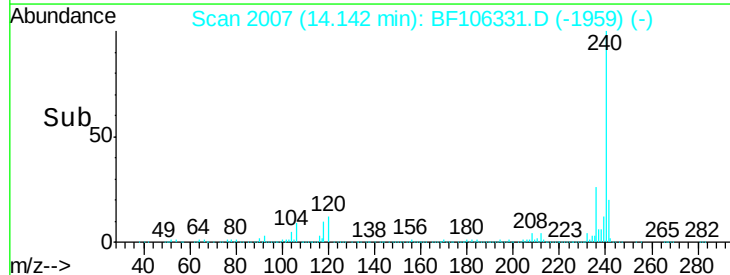
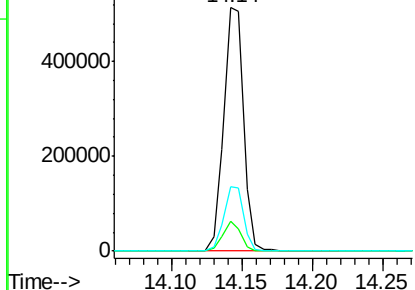


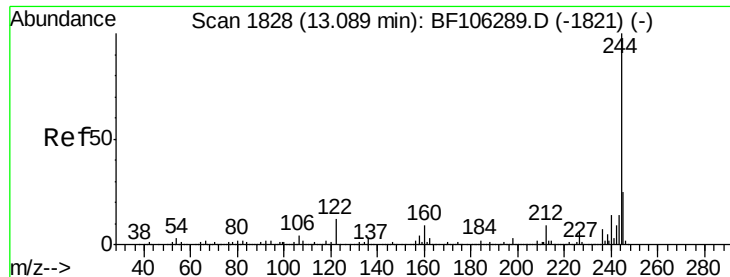
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106331.D
Acq: 12 Jun 2018 8:34

Tgt Ion:240 Resp: 503840
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 26.4 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: 53.446 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106331.D

Acq: 12 Jun 2018 8:34

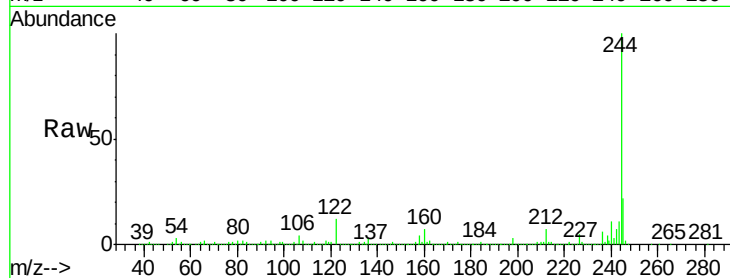
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1084160

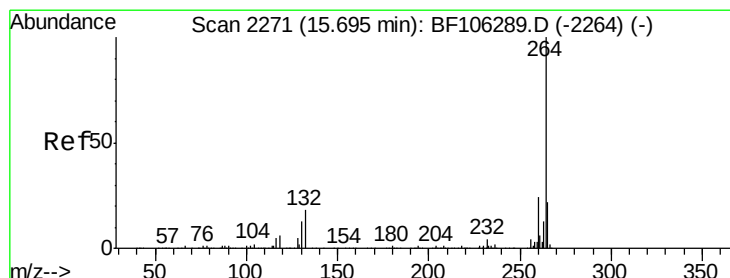
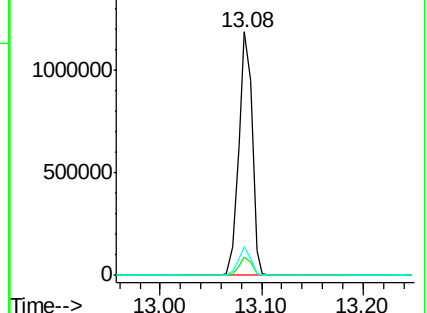
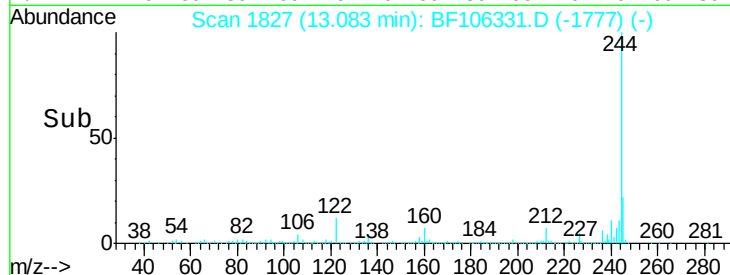
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	11.6	11.0	16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2267

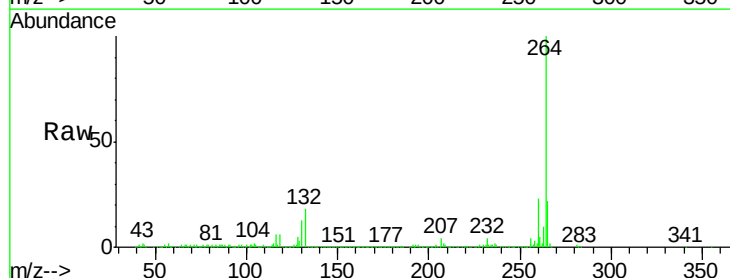
Delta R.T. -0.02 min

Lab File: BF106331.D

Acq: 12 Jun 2018 8:34

Tgt Ion:264 Resp: 390025

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

