

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106329.D
 Acq On : 12 Jun 2018 7:42
 Operator : JU/SJ
 Sample : J3309-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

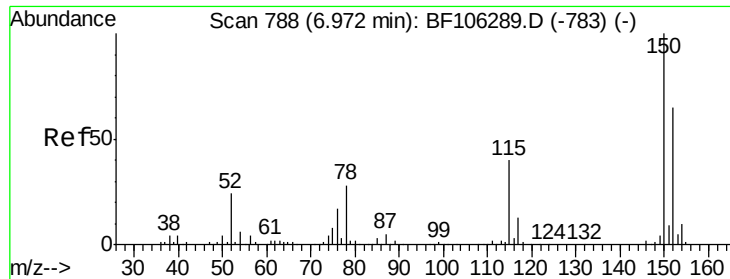
Quant Time: Jun 12 11:06:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	188820	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	684095	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	301631	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	496333	20.00	ng	0.00
75) Chrysene-d12	14.15	240	503455	20.00	ng	-0.01
86) Perylene-d12	15.68	264	390823	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	698033	62.57	ng	0.00
7) Phenol-d6	6.59	99	565545	40.12	ng	0.00
23) Nitrobenzene-d5	7.54	82	1042709	89.67	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	393168	135.47	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1627103	101.81	ng	0.00
78) Terphenyl-d14	13.09	244	1513395	74.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	25894	2.422	ng	86
18) Hexachloroethane	7.50	117	32956	6.455	ng	# 1
25) Isophorone	7.54	82	1042709	45.907	ng	# 65
32) Benzoic acid	8.02	122	2134	7.544	ng	# 64
49) Dimethylphthalate	9.72	163	47055	2.184	ng	# 97
53) 2,4-Dinitrophenol	10.08	184	112	8.663	ng	# 2
64) 4,6-Dinitro-2-methylphenol	10.59	198	252	6.377	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	25588	4.533	ng	# 1

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

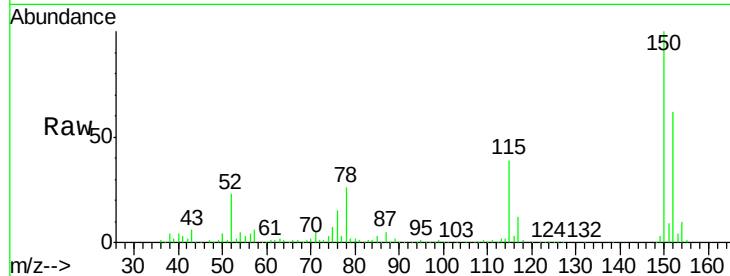


#1

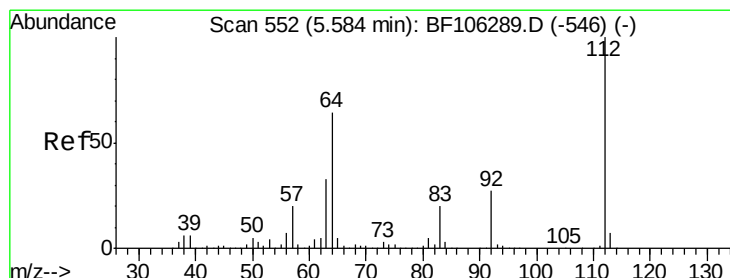
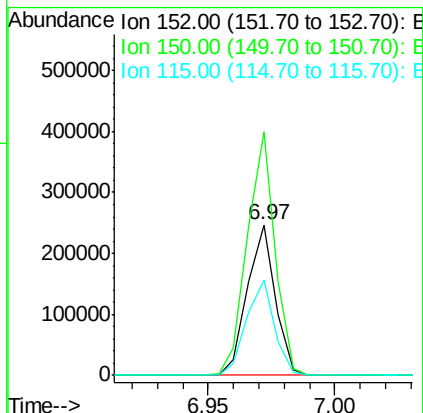
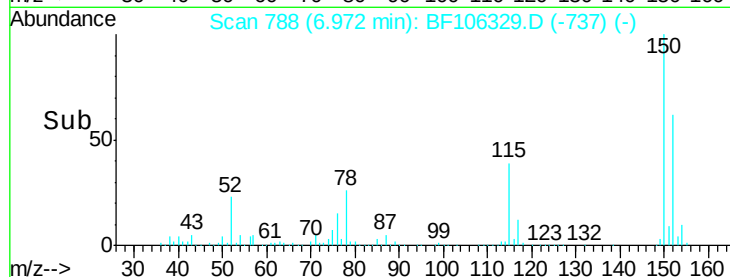
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 188820
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 62.9 50.1 75.1



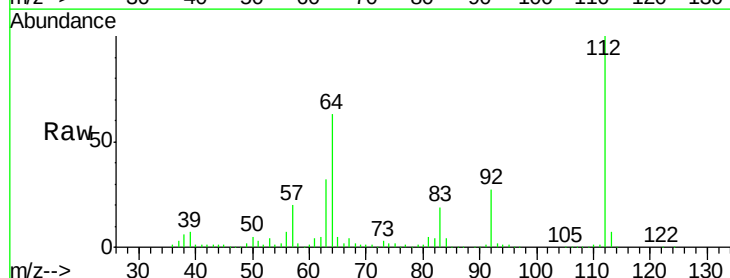
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



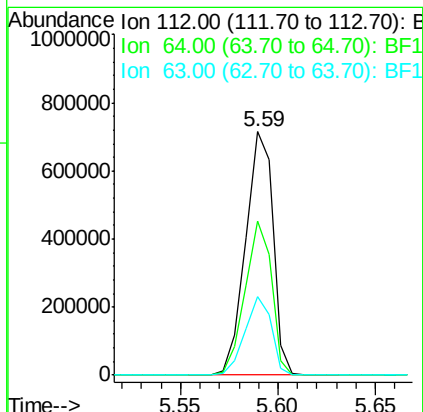
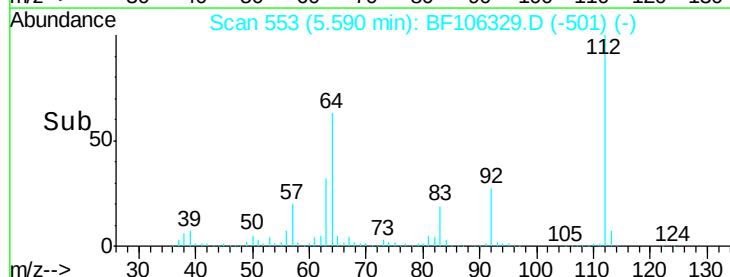
#5

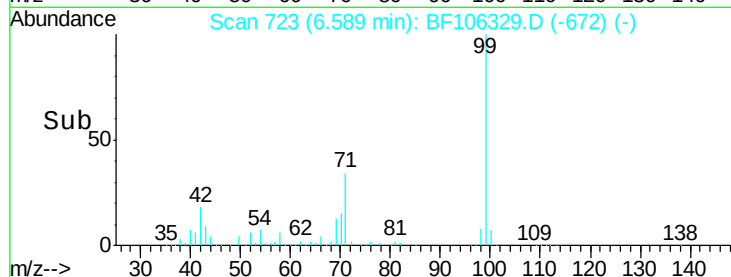
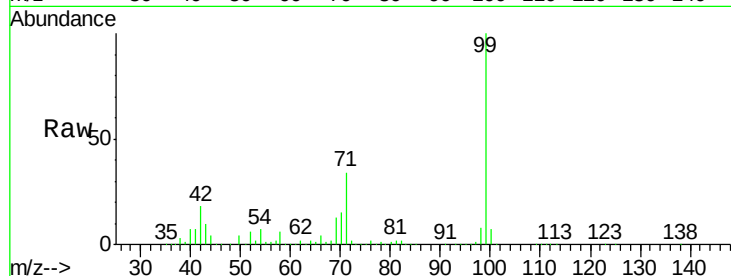
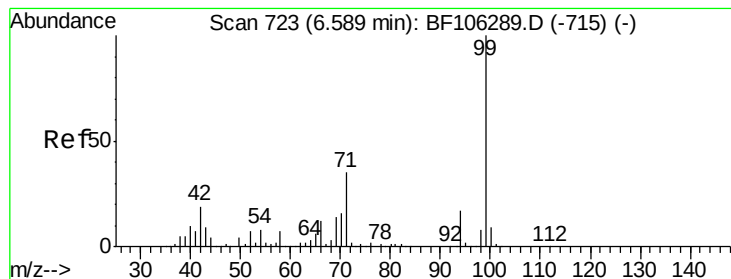
2-Fluorophenol
Concen: 62.569 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Tgt Ion:112 Resp: 698033
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.3 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: 40.124 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106329.D

Acq: 12 Jun 2018 7:42

Instrument :

BNA_F

ClientSampleId :

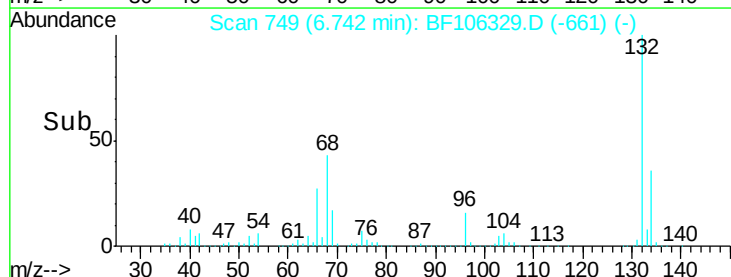
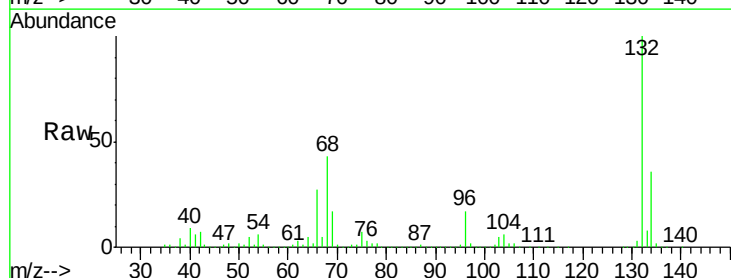
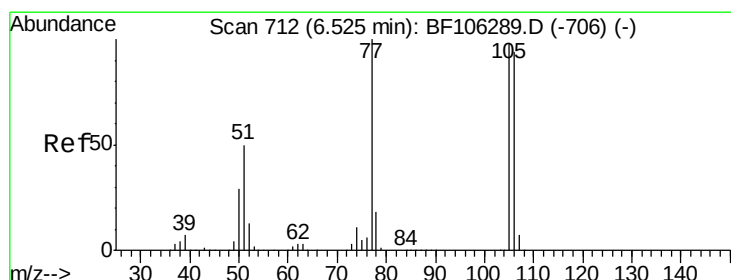
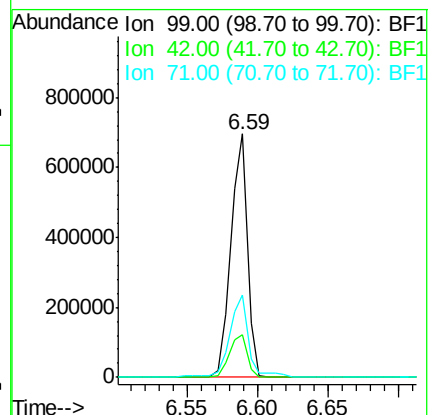
Tot Ion: 99 Resp: 565545

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 34.0 25.4 38.0



#9

Benzaldehyde

Concen: 2.422 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106329.D

Acq: 12 Jun 2018 7:42

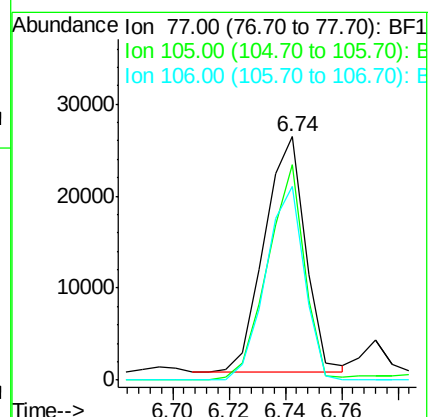
Tgt Ion: 77 Resp: 25894

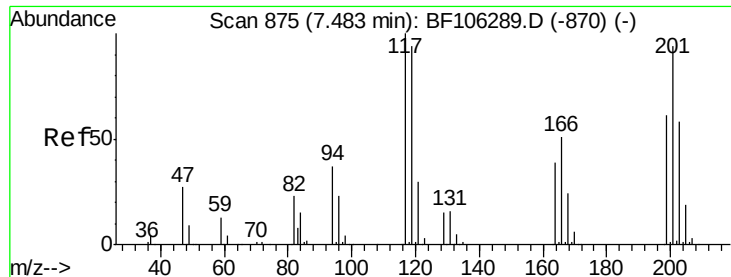
Ion Ratio Lower Upper

77 100

105 88.7 81.1 121.1

106 79.8 74.5 114.5

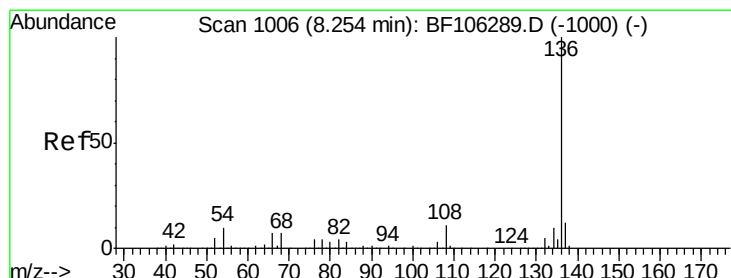
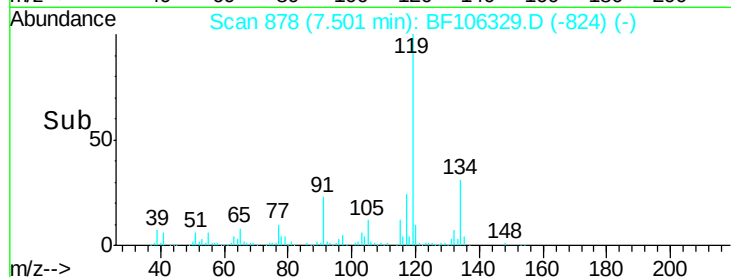
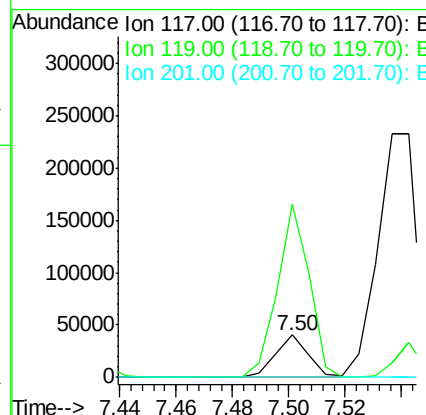
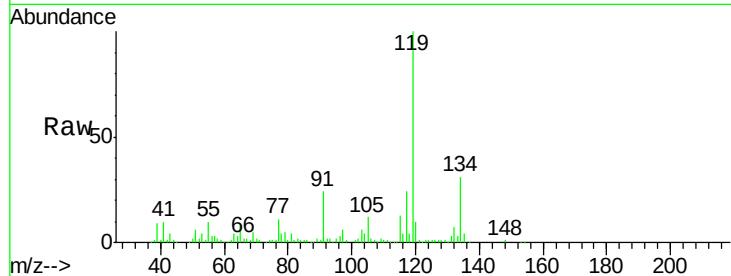




#18
Hexachloroethane
Concen: 6.455 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

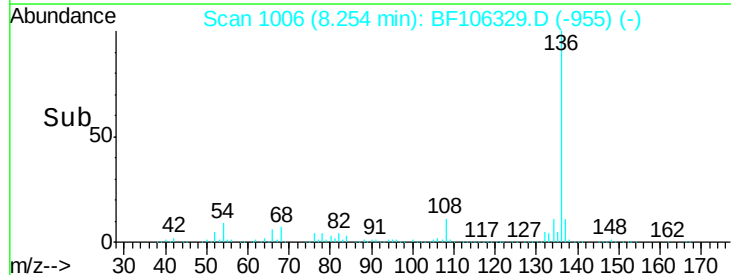
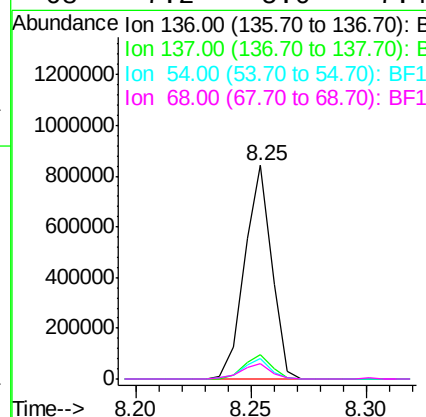
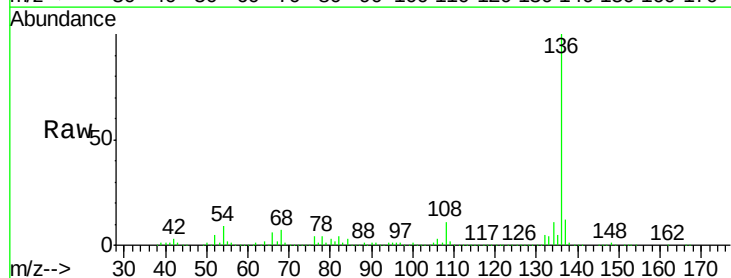
Instrument :
BNA_F
ClientSampleId :

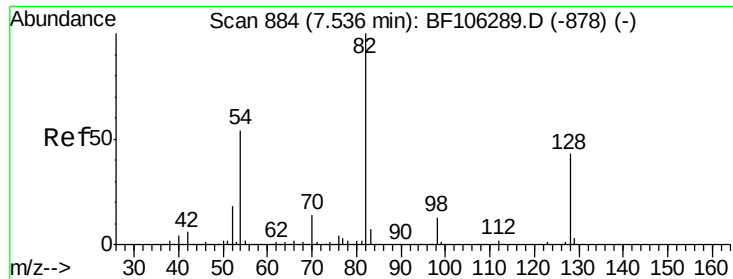
Tot Ion:117 Resp: 32956
Ion Ratio Lower Upper
117 100
119 409.3 75.8 113.8#
201 0.0 75.7 113.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Tgt Ion:136 Resp: 684095
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 9.3 6.6 9.8
68 7.2 5.0 7.4

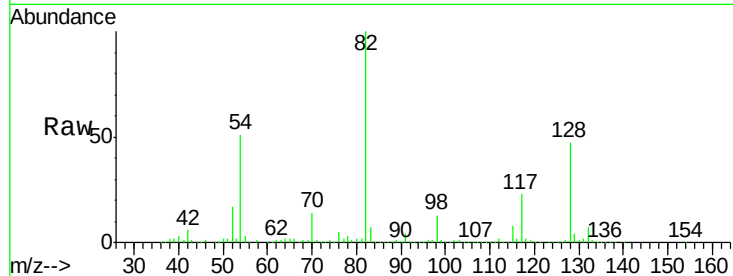




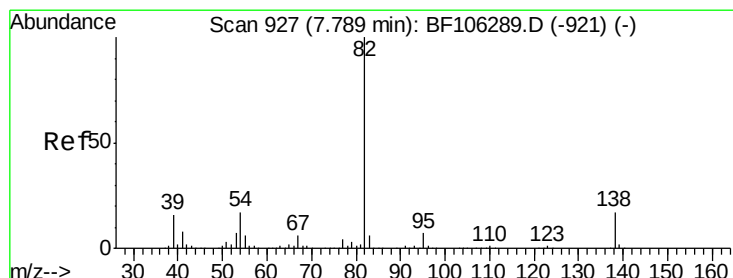
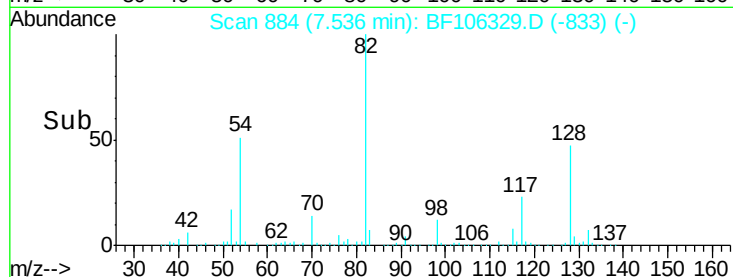
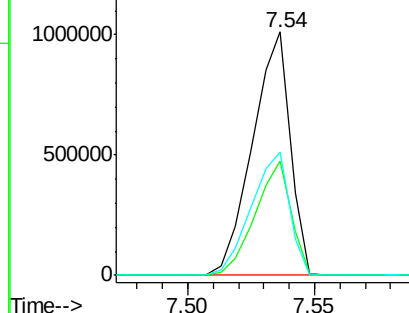
#23
Nitrobenzene-d5
Concen: 89.667 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1042709
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 50.9 41.4 62.2

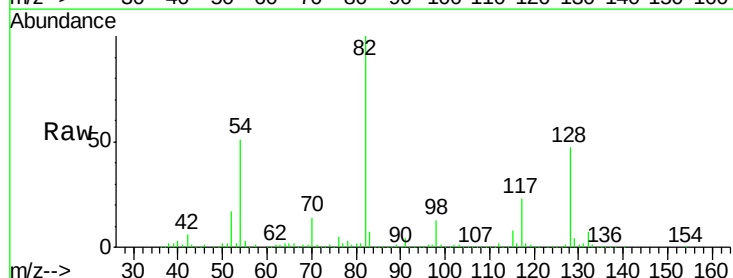


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

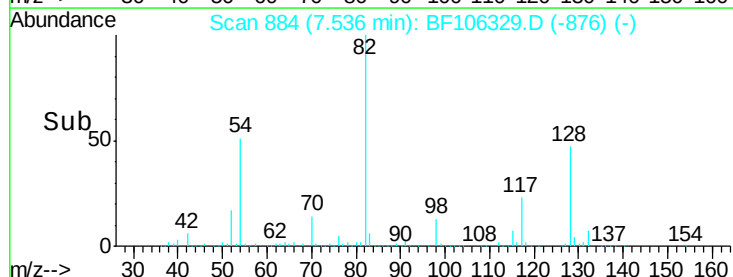
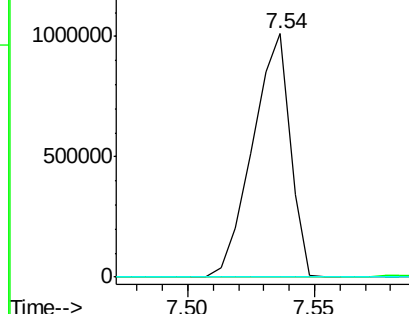


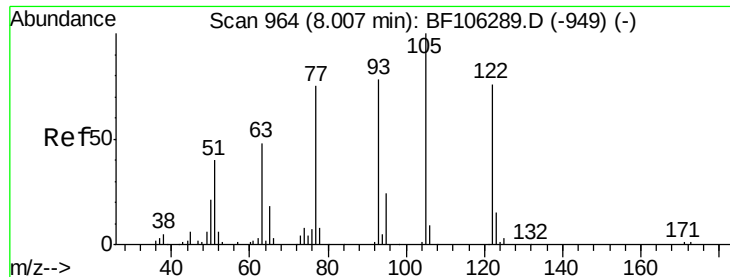
#25
Isophorone
Concen: 45.907 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.25 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Tgt Ion: 82 Resp: 1042709
Ion Ratio Lower Upper
82 100
95 0.3 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

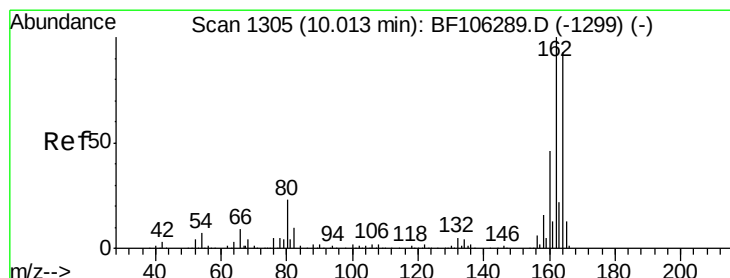
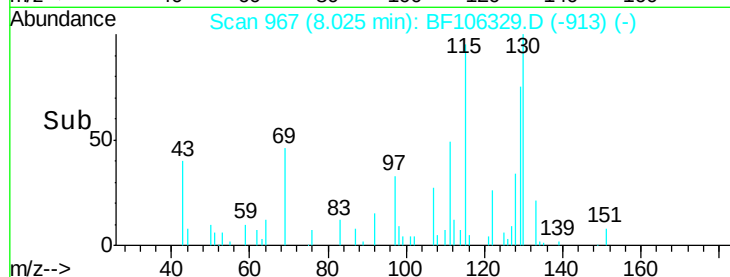
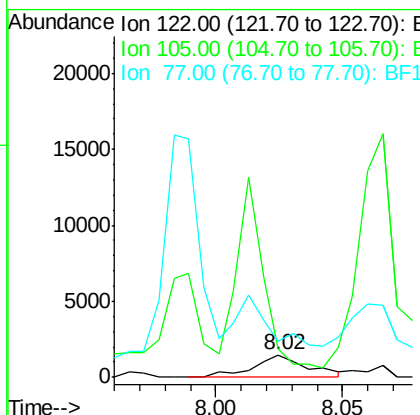
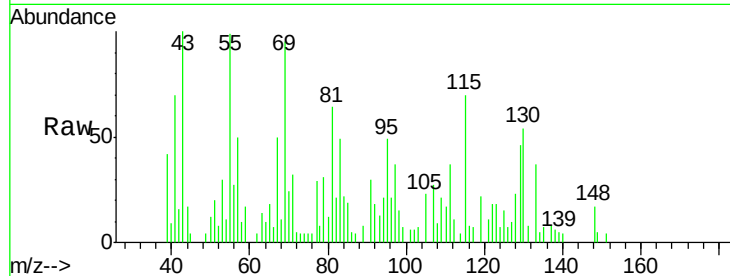




#32
Benzoic acid
Concen: 7.544 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.02 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

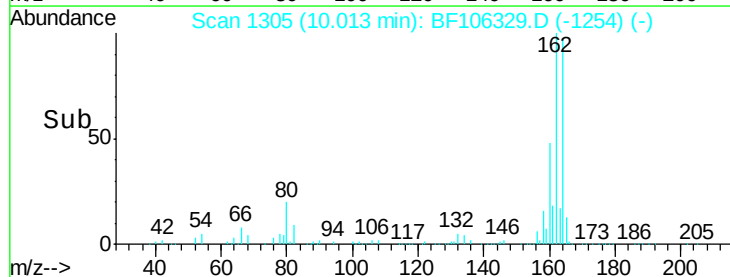
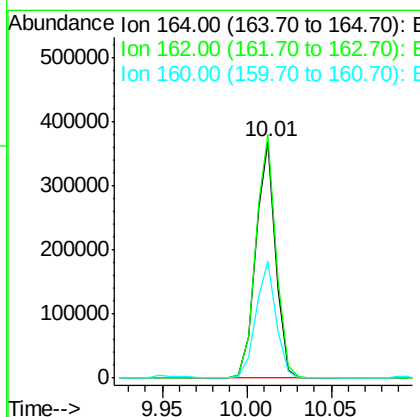
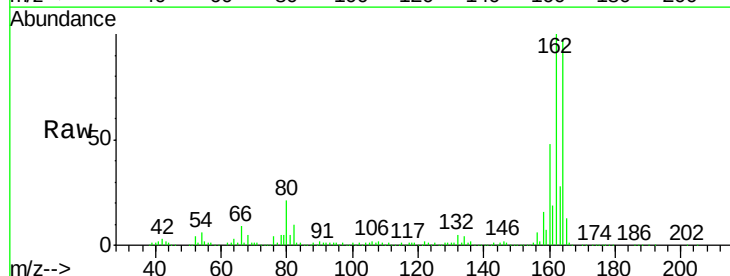
Instrument :
BNA_F
ClientSampled :

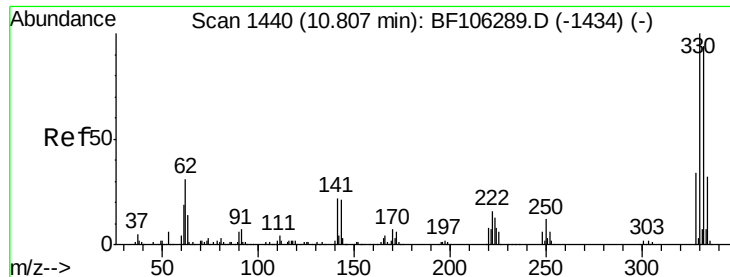
Tot Ion:122 Resp: 2134
Ion Ratio Lower Upper
122 100
105 129.0 101.1 141.1
77 161.1 70.7 110.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Tgt Ion:164 Resp: 301631
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 49.3 38.3 57.5

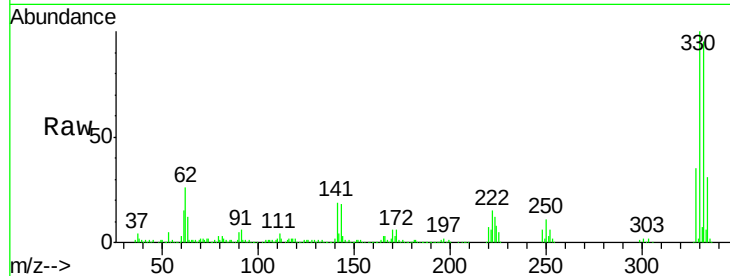




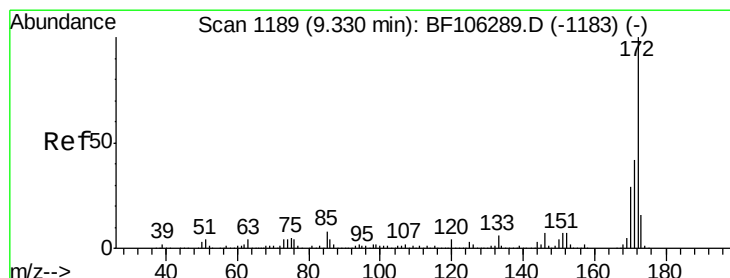
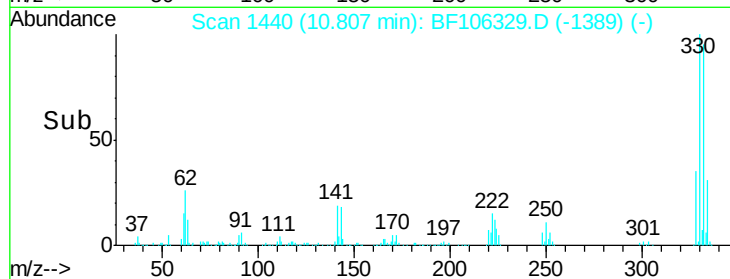
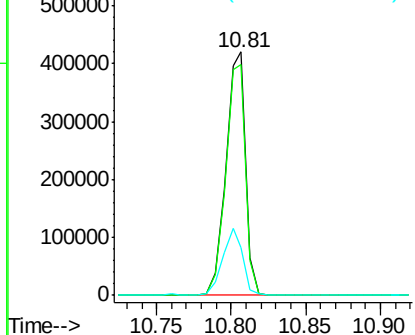
#41
 2,4,6-Tribromophenol
 Concen: 135.472 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106329.D
 Acq: 12 Jun 2018 7:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 393168
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 27.2 29.9 44.9#

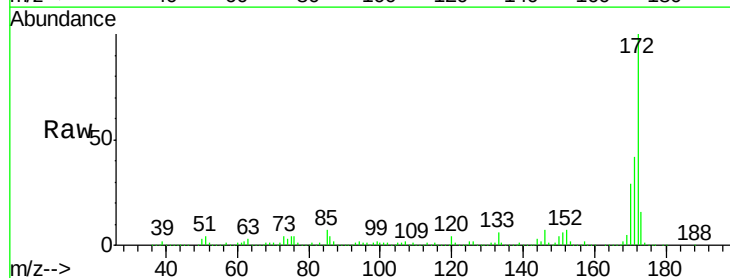


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

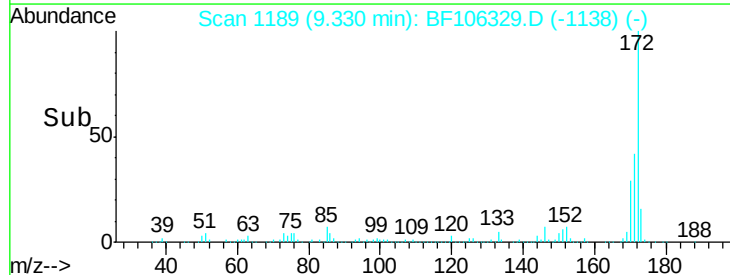
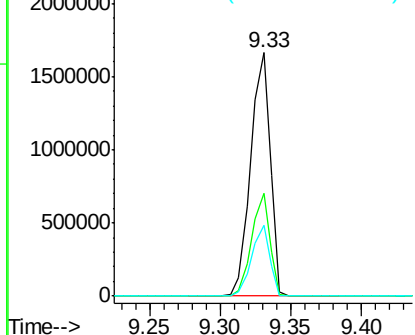


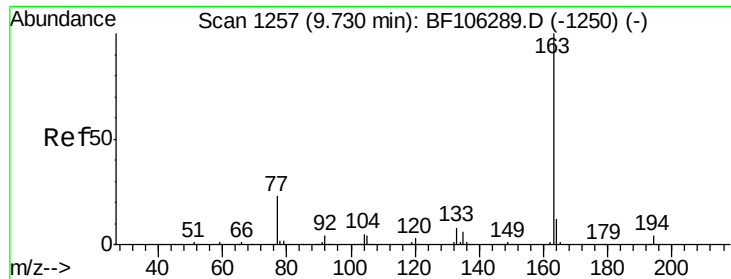
#44
 2-Fluorobiphenyl
 Concen: 101.814 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106329.D
 Acq: 12 Jun 2018 7:42

Tgt Ion:172 Resp: 1627103
 Ion Ratio Lower Upper
 172 100
 171 42.3 29.7 44.5
 170 28.9 19.6 29.4



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

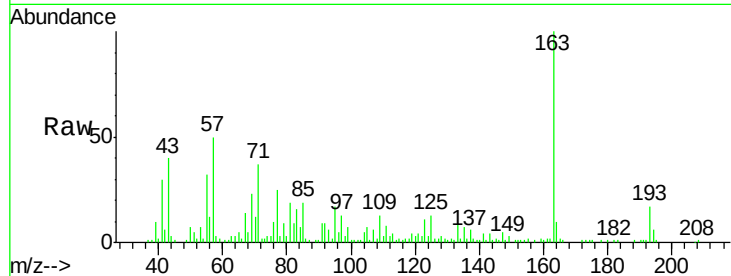




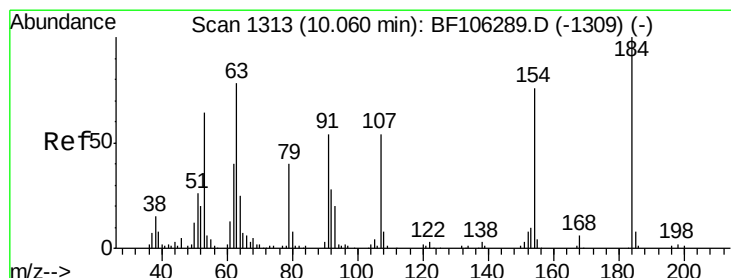
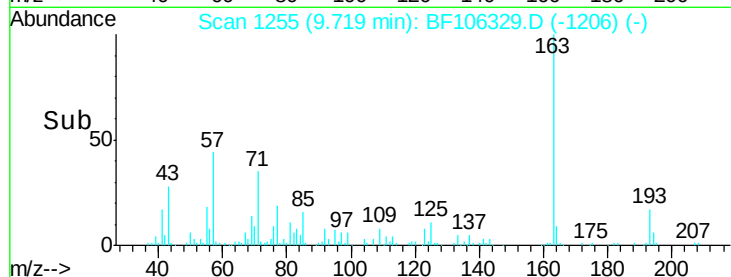
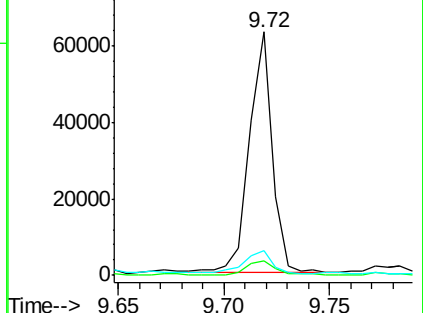
#49
Dimethylphthalate
Concen: 2.184 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 47055
Ion Ratio Lower Upper
163 100
194 6.1 2.7 4.1#
164 9.9 8.2 12.2

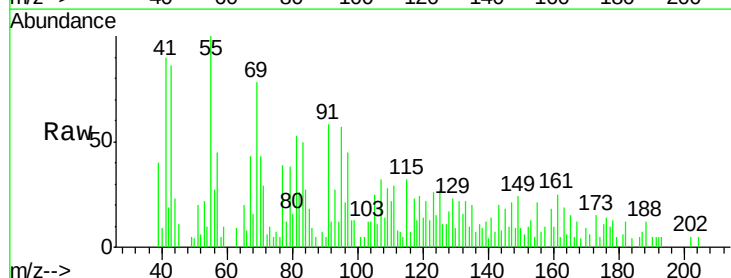


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

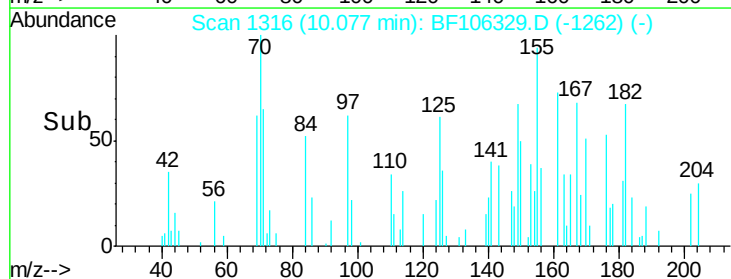
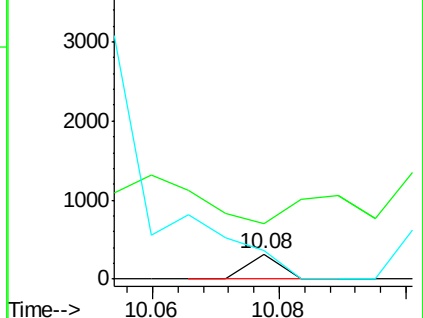


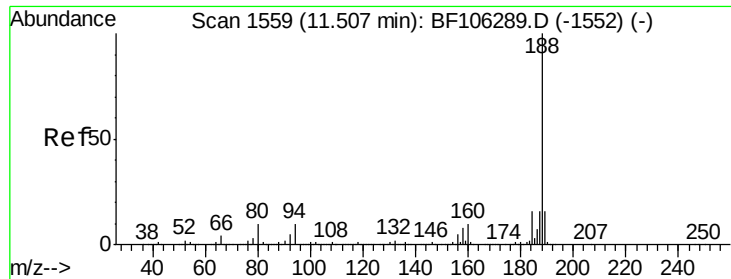
#53
2,4-Dinitrophenol
Concen: 8.663 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Tgt Ion:184 Resp: 112
Ion Ratio Lower Upper
184 100
63 222.2 54.2 81.2#
154 113.9 184.0 276.0#



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

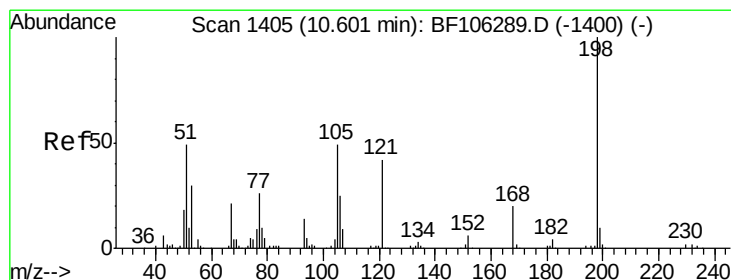
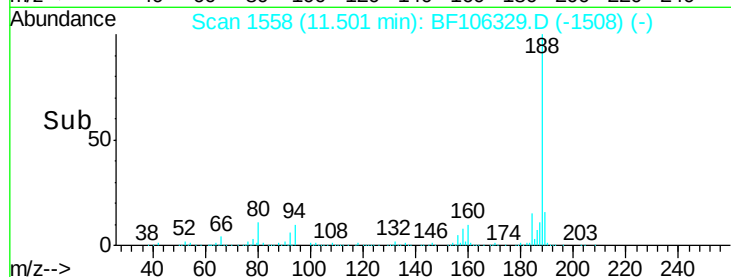
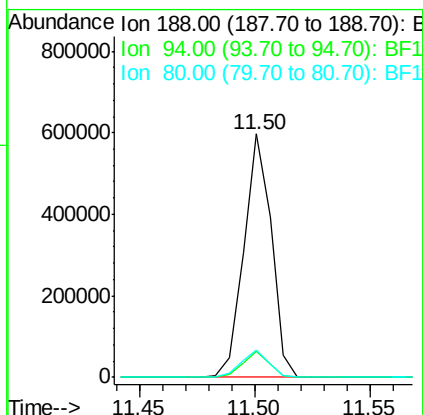
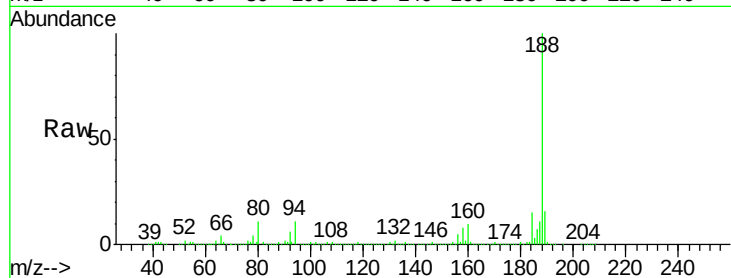




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

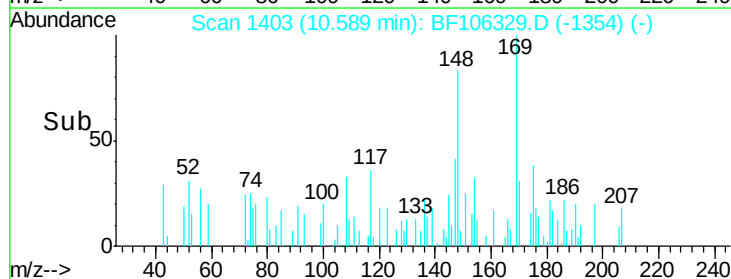
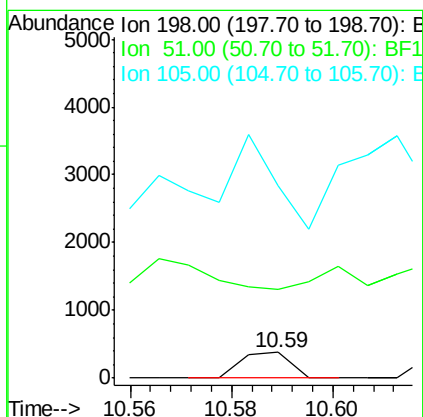
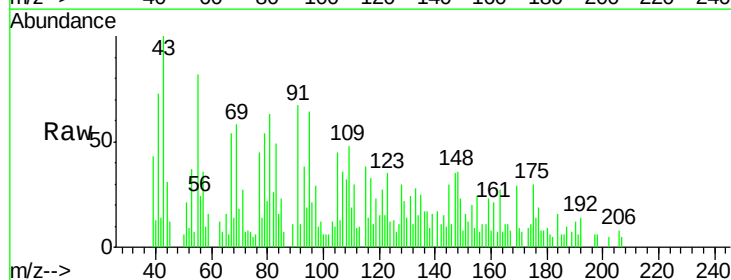
Instrument :
BNA_F
ClientSampleId :

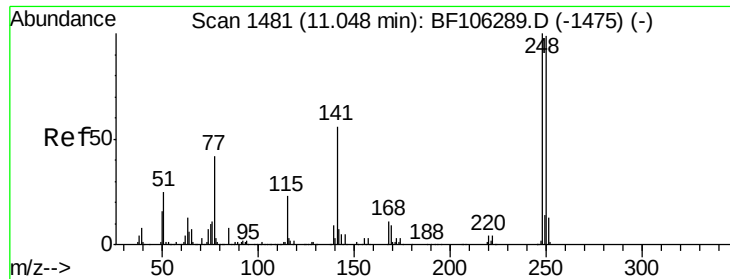
Tot Ion:188 Resp: 496333
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.377 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Tgt Ion:198 Resp: 252
Ion Ratio Lower Upper
198 100
51 347.9 37.7 77.7#
105 753.2 36.3 76.3#

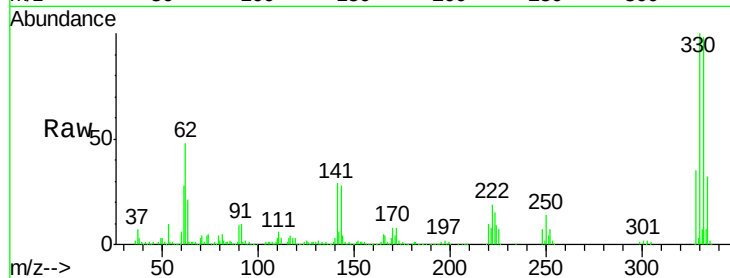




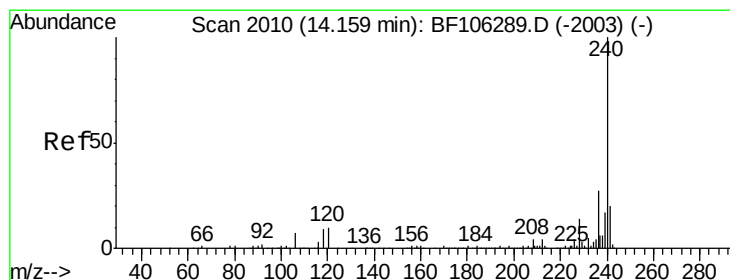
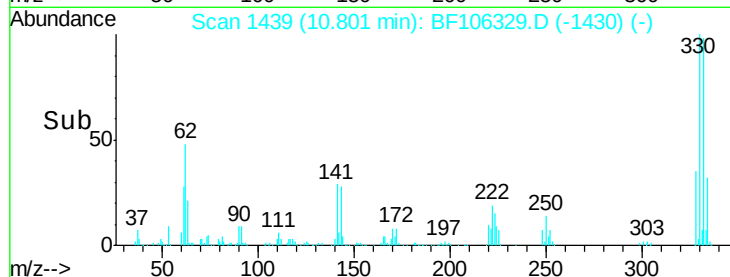
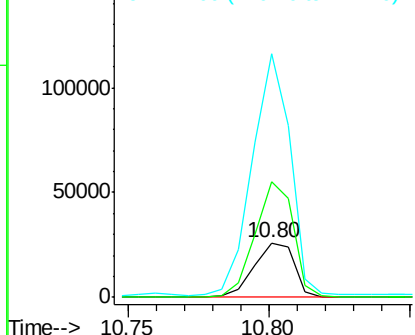
#66
4-Bromophenyl-phenylether
Concen: 4.533 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 25588
Ion Ratio Lower Upper
248 100
250 211.9 76.9 115.3#
141 444.9 74.4 111.6#

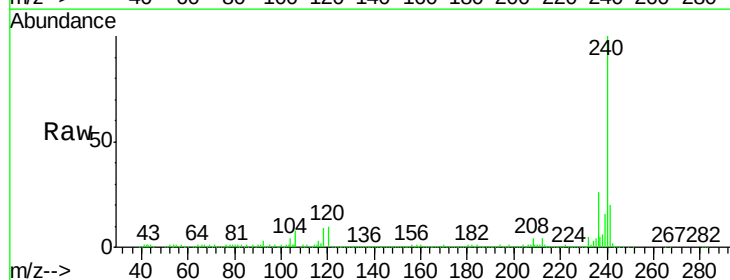


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

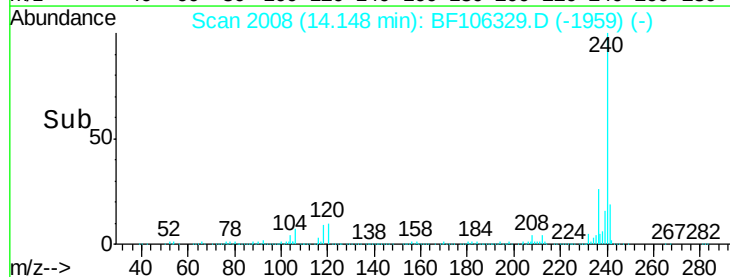
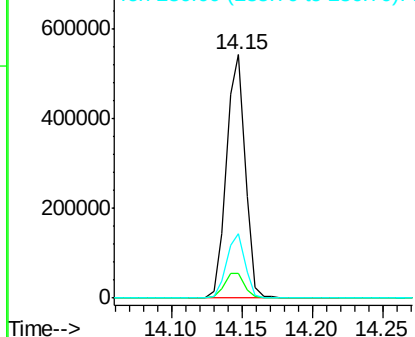


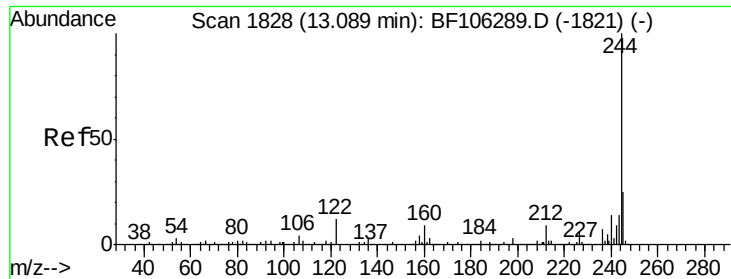
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106329.D
Acq: 12 Jun 2018 7:42

Tgt Ion:240 Resp: 503455
Ion Ratio Lower Upper
240 100
120 10.2 9.5 14.3
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.663 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106329.D

Acq: 12 Jun 2018 7:42

Instrument :

BNA_F

ClientSampleId :

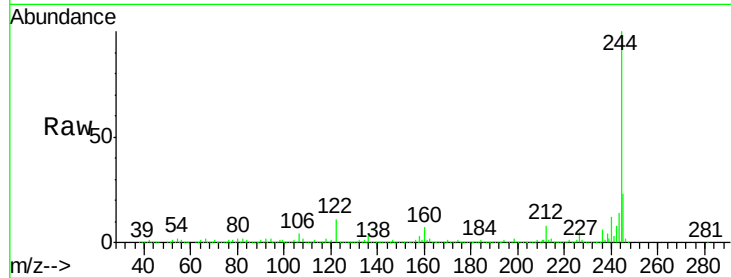
Tot Ion:244 Resp: 1513395

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.4	8.0
122	10.9	11.0	16.4

244 100

212 7.8 5.4 8.0

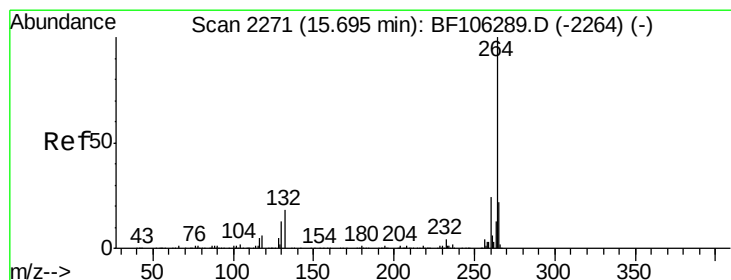
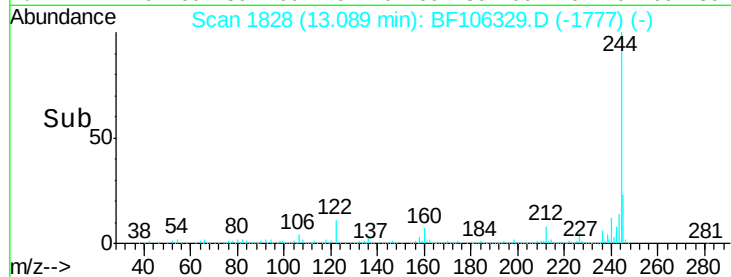
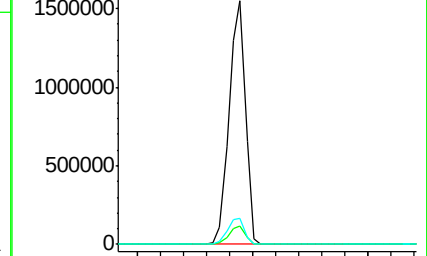
122 10.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF106329.D

Acq: 12 Jun 2018 7:42

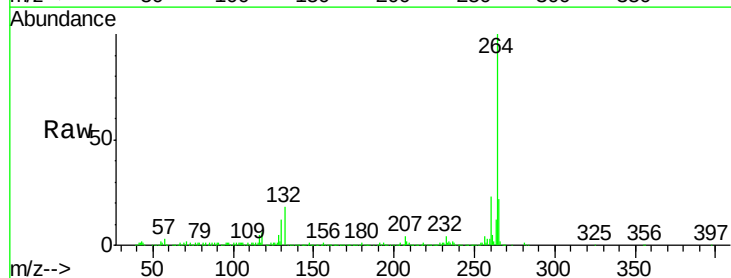
Tgt Ion:264 Resp: 390823

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3

264 100

260 23.4 19.2 28.8

265 21.6 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

