

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106430.D
 Acq On : 14 Jun 2018 9:16
 Operator : JU/SJ
 Sample : J3401-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 11:28:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 11:27:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131582	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	487524	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	223564	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	392444	20.00	ng	0.00
75) Chrysene-d12	14.14	240	314254	20.00	ng	0.00
86) Perylene-d12	15.68	264	331473	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	499847	64.29	ng	0.00
7) Phenol-d6	6.61	99	392927	40.00	ng	0.00
23) Nitrobenzene-d5	7.53	82	791494	95.51	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	309839	144.04	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1227499	104.69	ng	0.00
78) Terphenyl-d14	13.08	244	1131045	89.39	ng	0.00

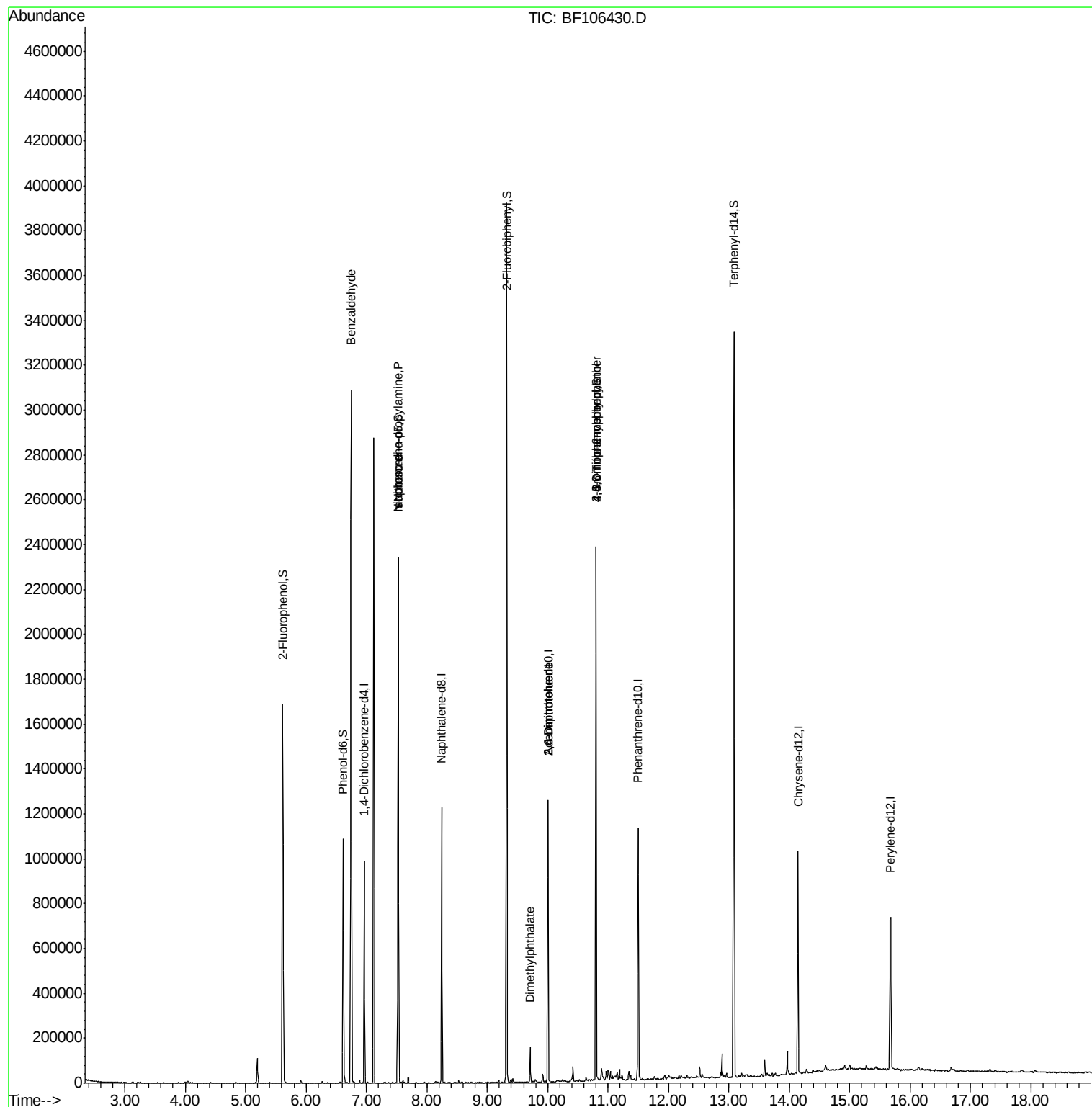
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	18602	2.497	ng	84
19) n-Nitroso-di-n-propylamine	7.53	70	107547	14.595	ng	# 75
25) Isophorone	7.53	82	791488	48.897	ng	# 64
49) Dimethylphthalate	9.71	163	56098	3.512	ng	97
50) 2,6-Dinitrotoluene	10.01	165	28169	8.634	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	28169	6.875	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	515	6.506	ng	# 5
66) 4-Bromophenyl-phenylether	10.80	248	19776	4.431	ng	# 1

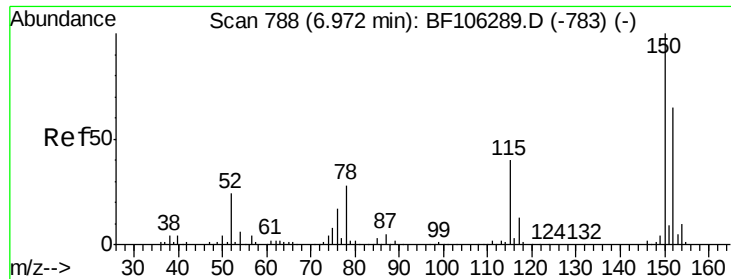
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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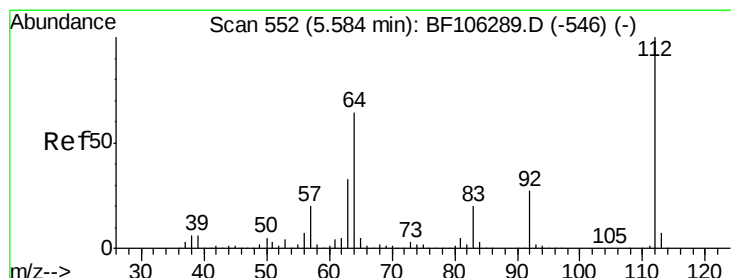
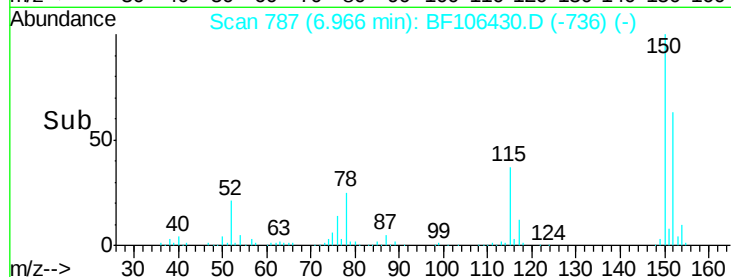
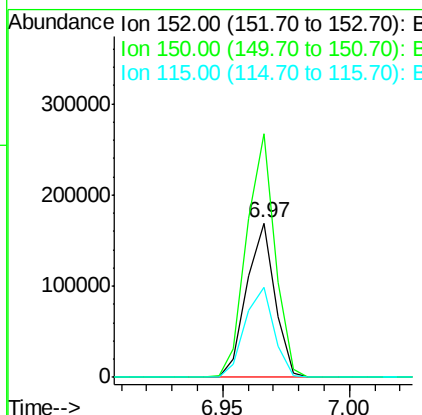
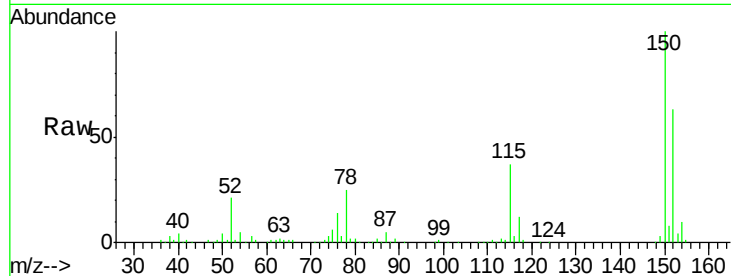




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106430.D
 Acq: 14 Jun 2018 9:16

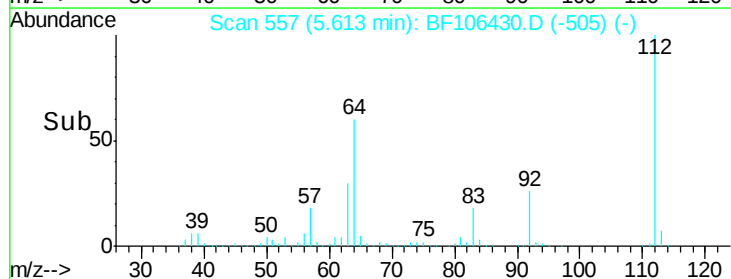
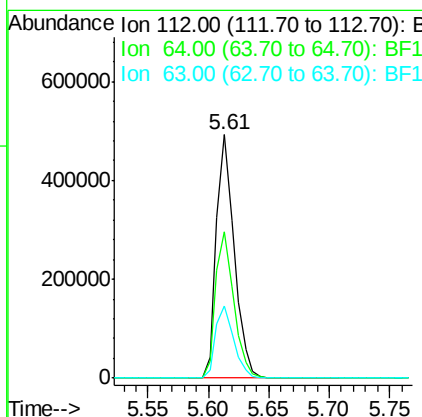
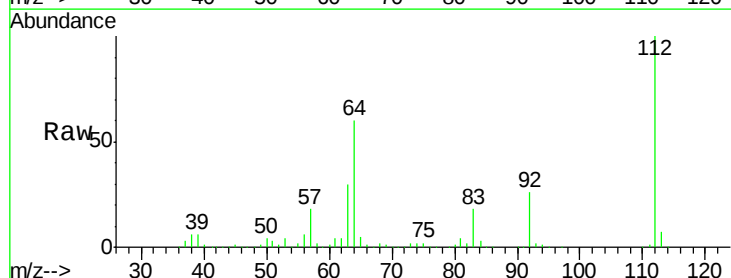
Instrument :
 BNA_F
 ClientSampleId :

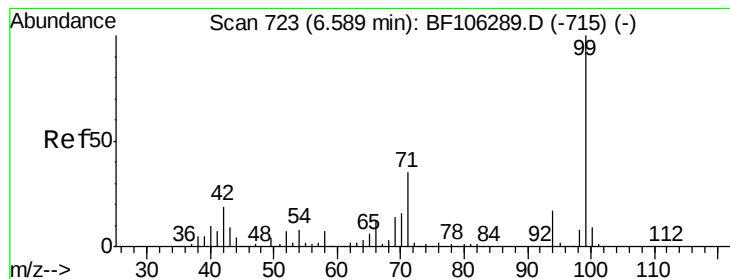
Tot Ion:152 Resp: 131582
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 58.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 64.294 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF106430.D
 Acq: 14 Jun 2018 9:16

Tgt Ion:112 Resp: 499847
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.9 71.9
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 40.004 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106430.D

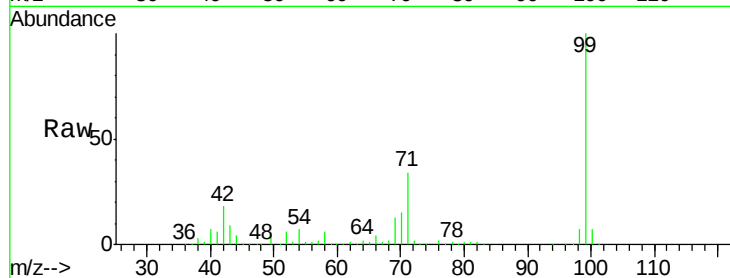
Acq: 14 Jun 2018 9:16

Instrument :

BNA_F

ClientSampled :

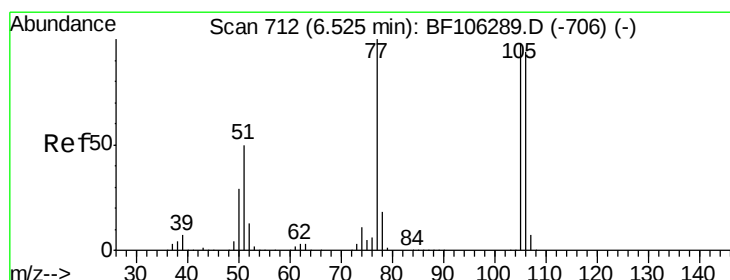
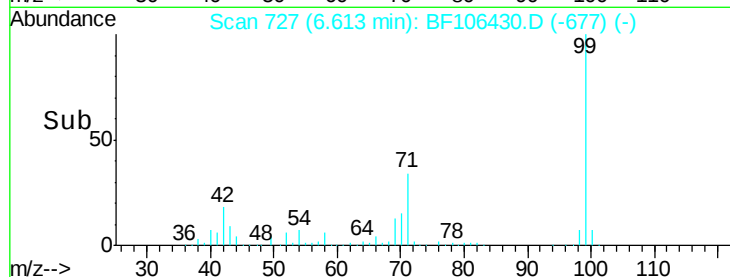
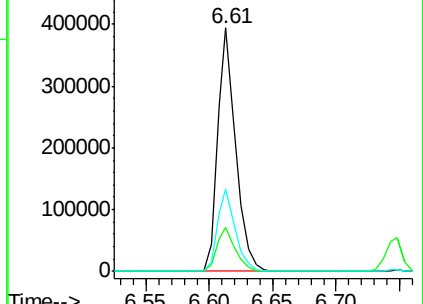
Tot Ion:	99	Resp:	392927
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	33.6	25.4	38.0



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



#9

Benzaldehyde

Concen: 2.497 ng

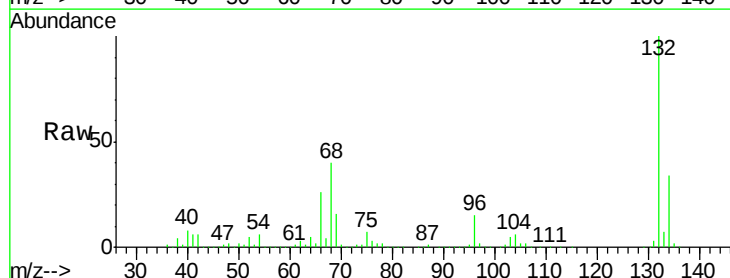
RT: 6.75 min Scan# 750

Delta R.T. 0.22 min

Lab File: BF106430.D

Acq: 14 Jun 2018 9:16

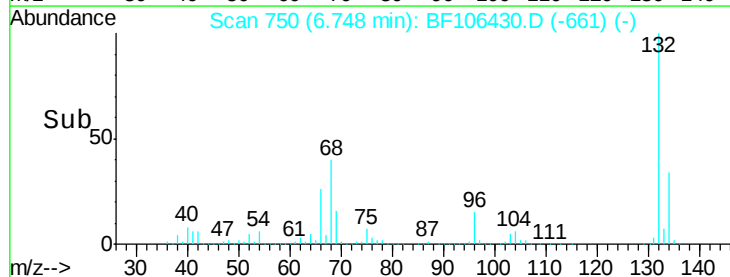
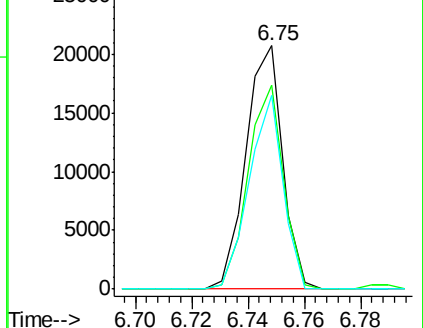
Tgt Ion:	77	Resp:	18602
Ion	Ratio	Lower	Upper
77	100		
105	83.5	81.1	121.1
106	79.7	74.5	114.5

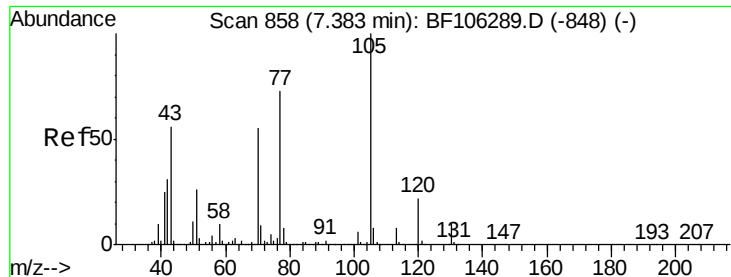


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

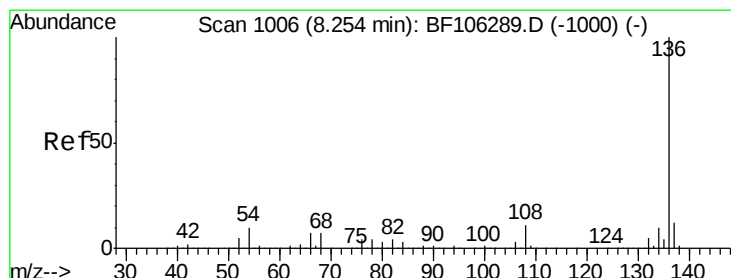
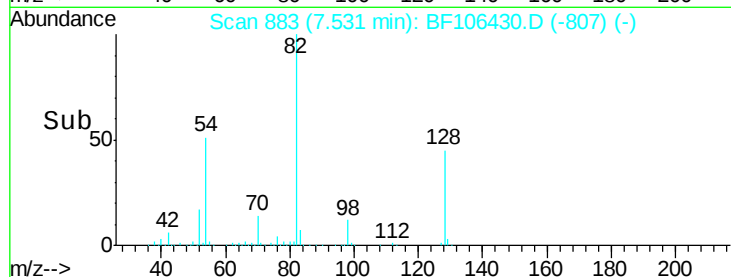
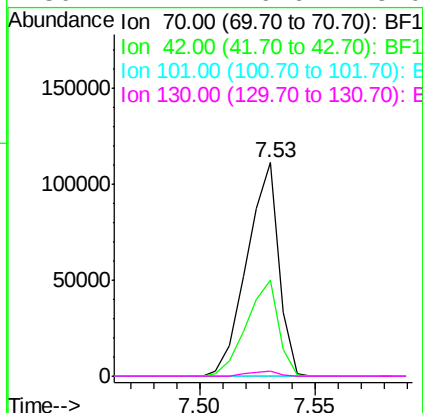
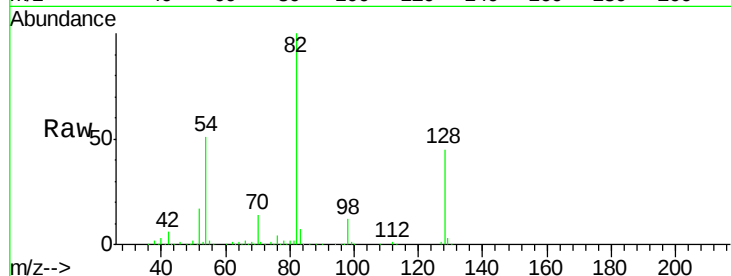




#19
n-Nitroso-di-n-propylamine
Concen: 14.595 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

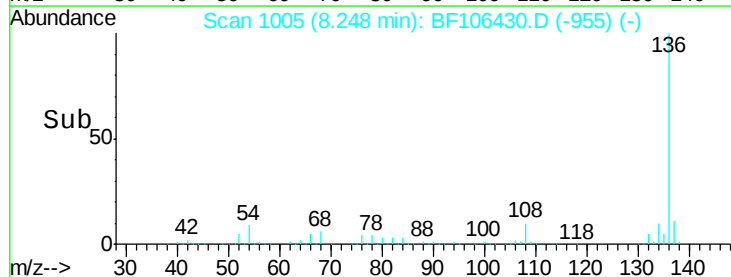
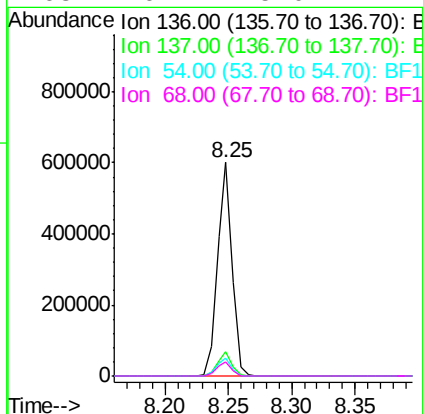
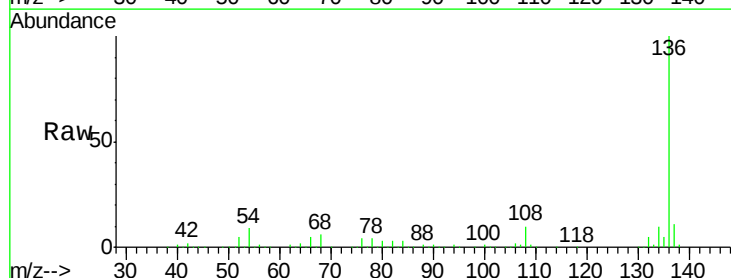
Instrument :
BNA_F
ClientSampleId :

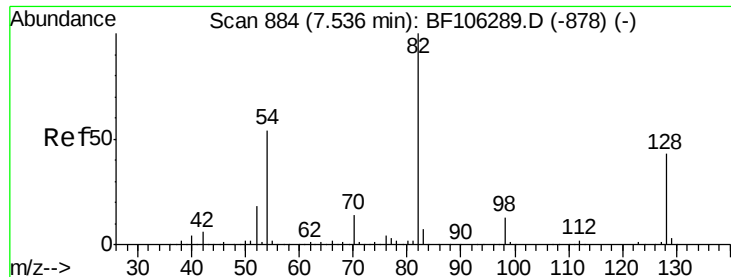
Tot Ion: 70 Resp: 107547
Ion Ratio Lower Upper
70 100
42 44.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Tgt Ion:136 Resp: 487524
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.5 6.6 9.8
68 6.4 5.0 7.4

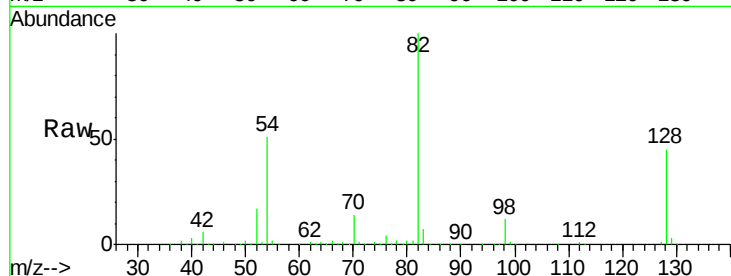




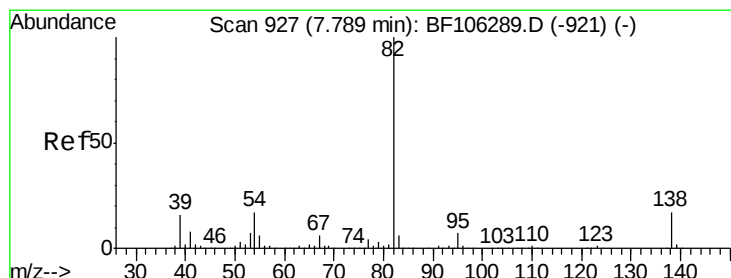
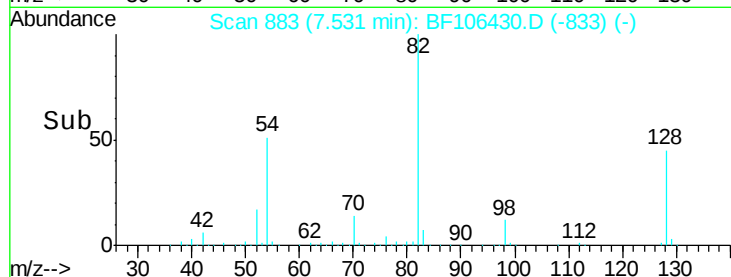
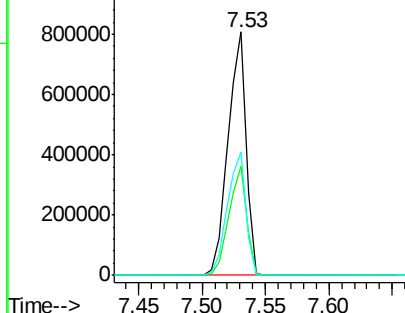
#23
Nitrobenzene-d5
Concen: 95.508 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 791494
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 50.8 41.4 62.2

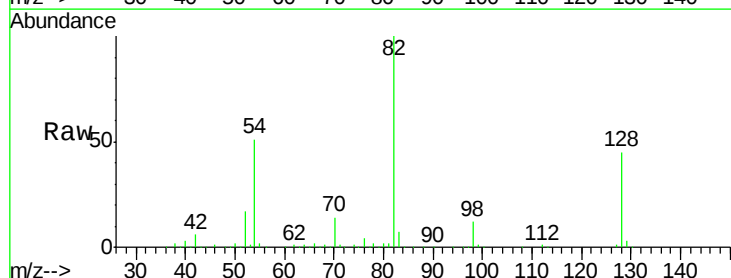


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

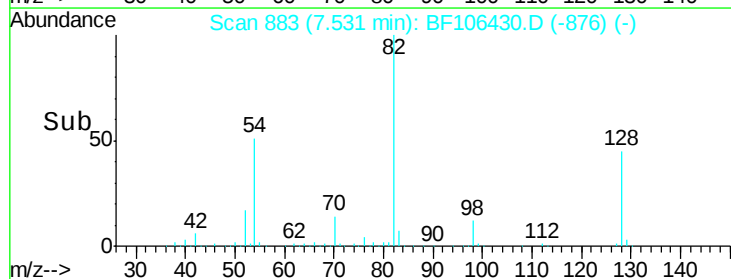
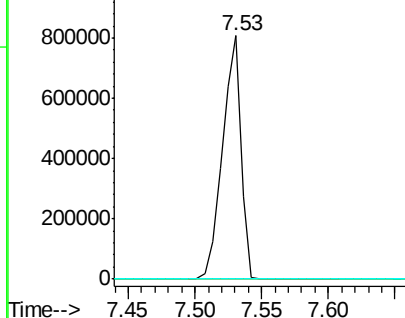


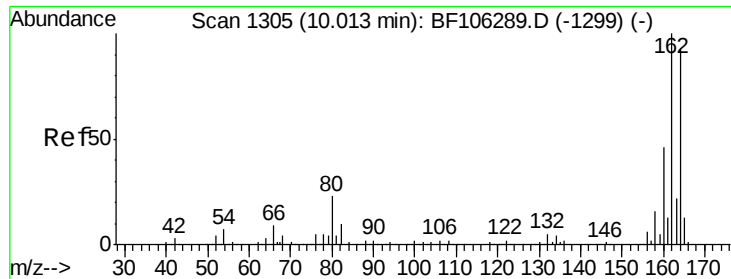
#25
Isophorone
Concen: 48.897 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Tgt Ion: 82 Resp: 791488
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

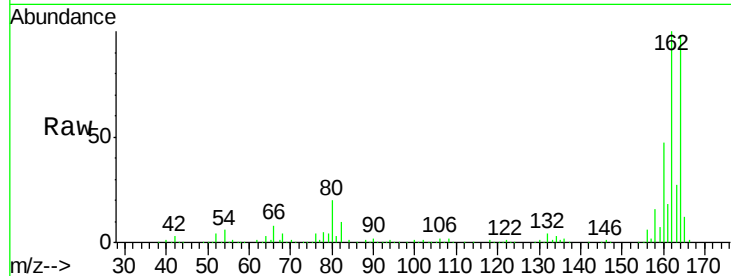




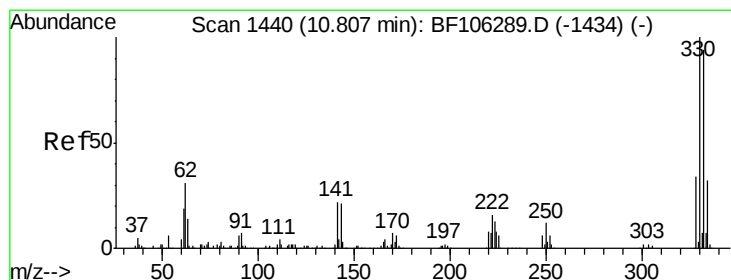
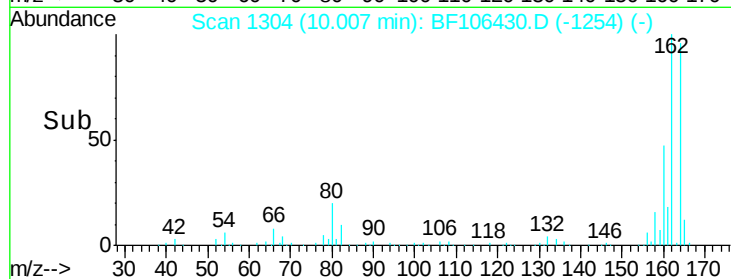
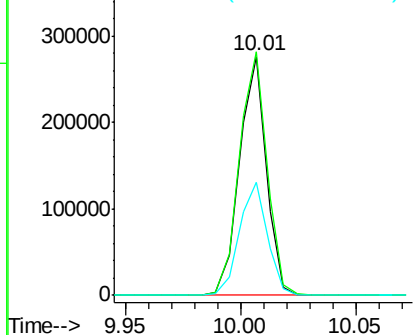
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 223564
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 47.6 38.3 57.5

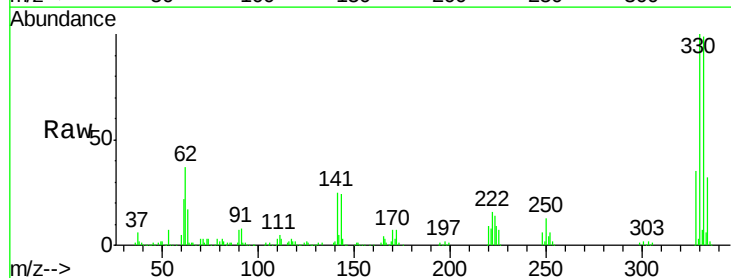


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

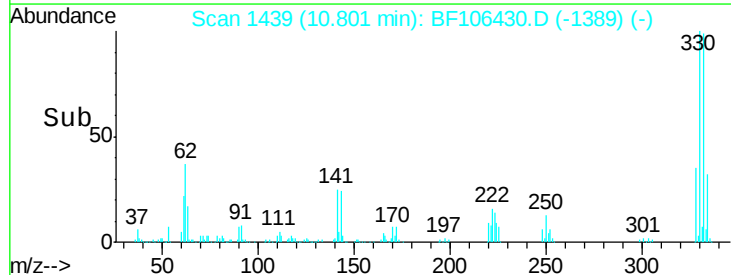
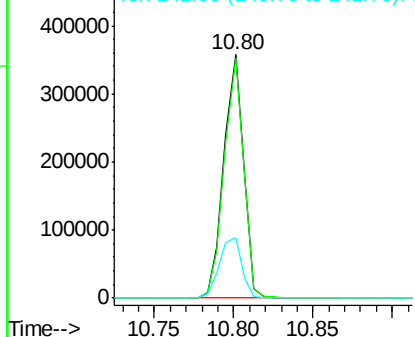


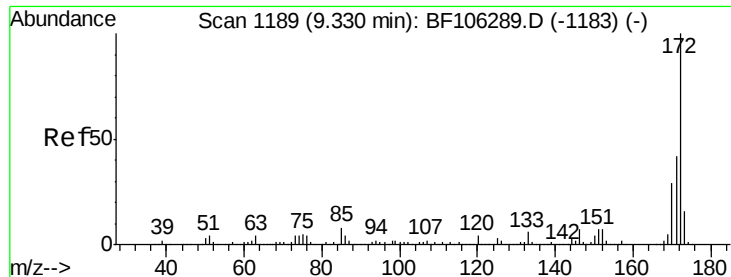
#41
2,4,6-Tribromophenol
Concen: 144.039 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Tgt Ion:330 Resp: 309839
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 28.0 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

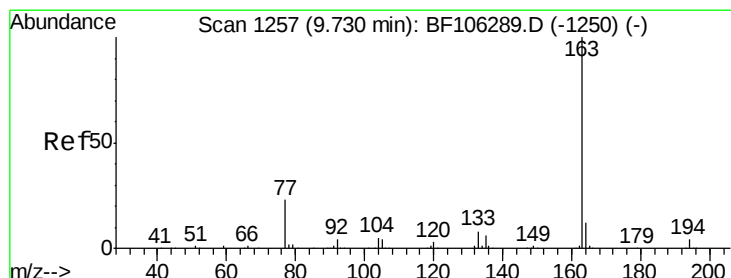
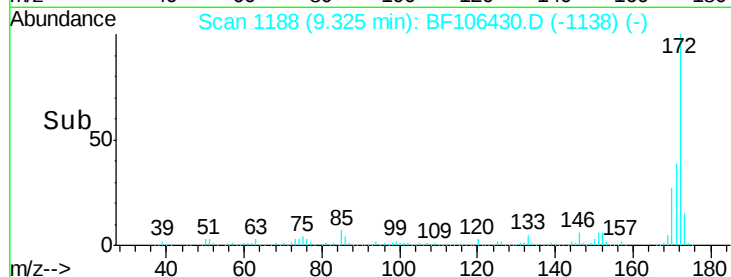
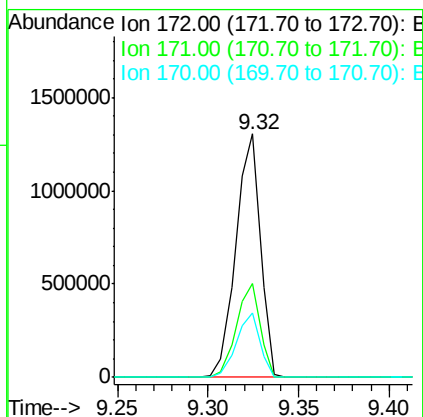
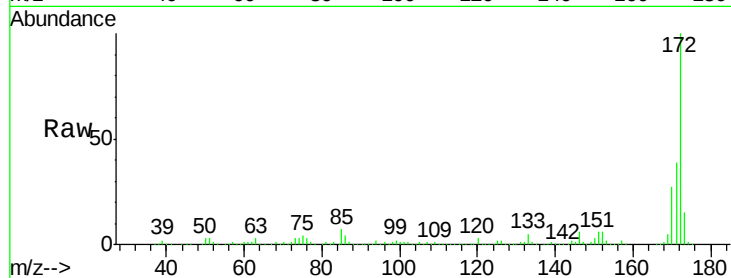




#44
2-Fluorobiphenyl
Concen: 104.694 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

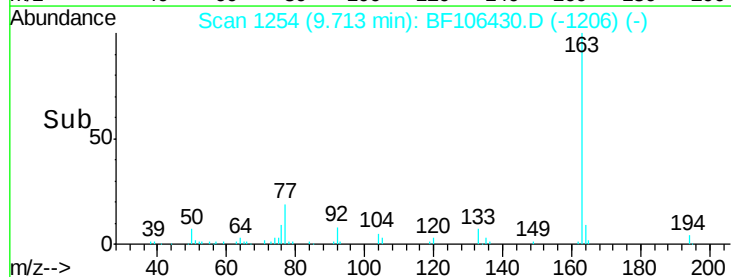
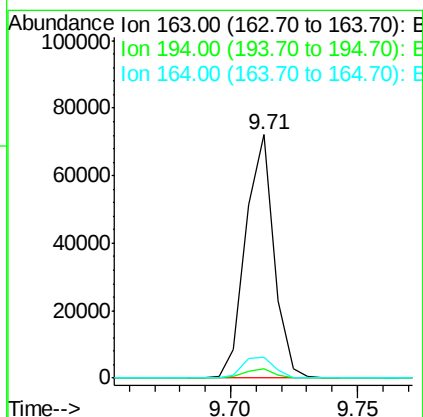
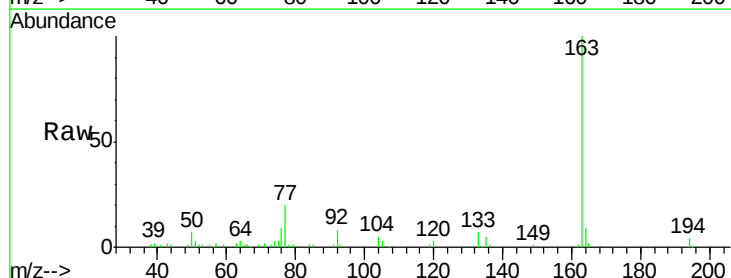
Instrument :
BNA_F
ClientSampleId :

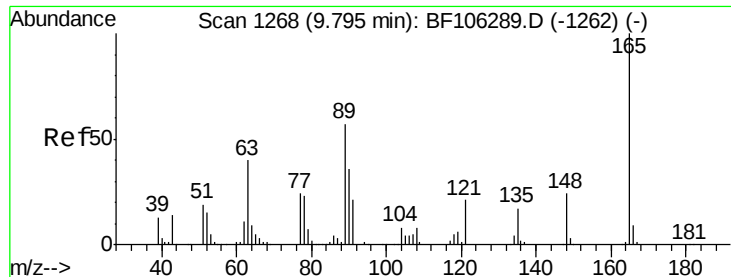
Tot Ion:172 Resp: 1227499
Ion Ratio Lower Upper
172 100
171 38.7 29.7 44.5
170 26.5 19.6 29.4



#49
Dimethylphthalate
Concen: 3.512 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Tgt Ion:163 Resp: 56098
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 8.8 8.2 12.2

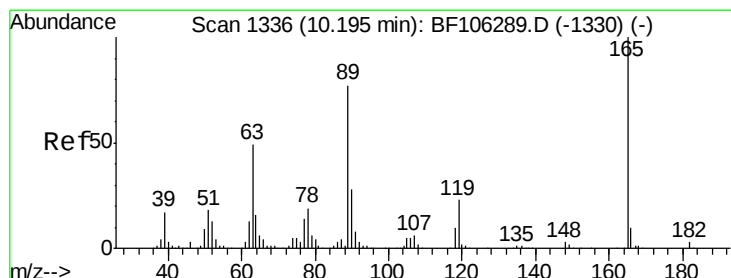
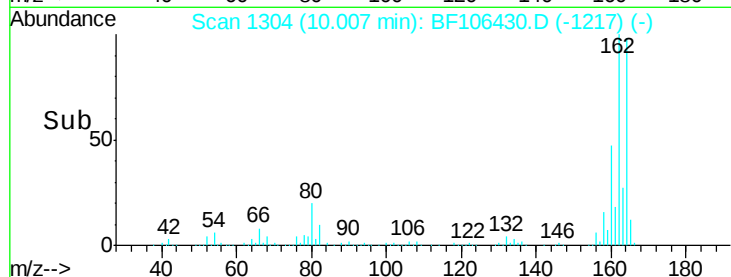
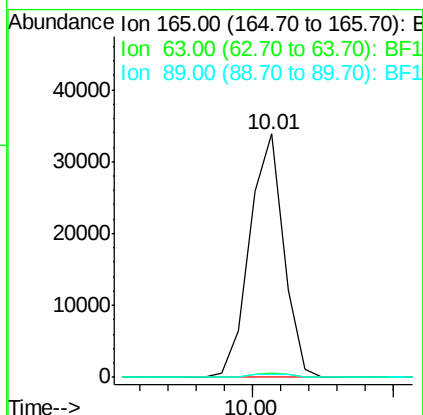
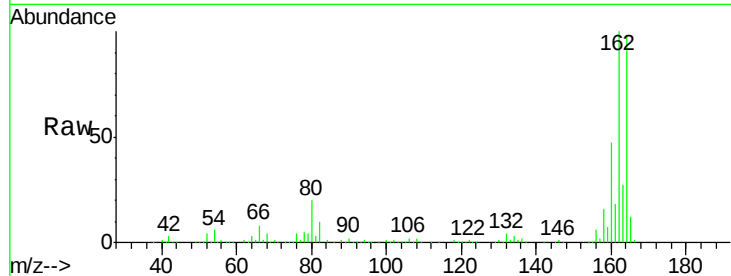




#50
 2,6-Dinitrotoluene
 Concen: 8.634 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF106430.D
 Acq: 14 Jun 2018 9:16

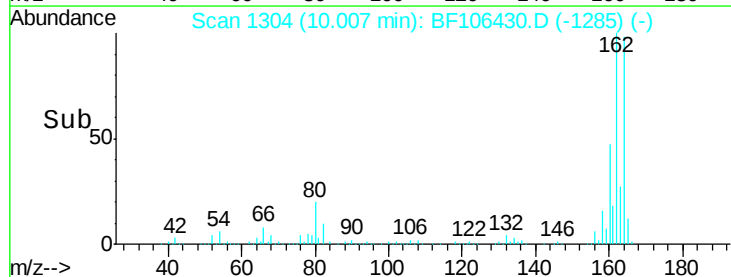
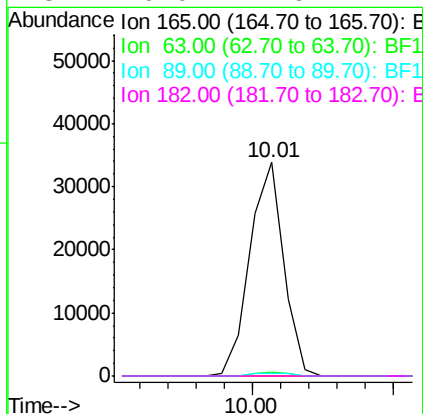
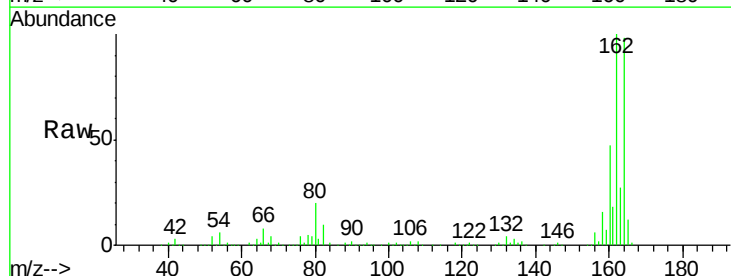
Instrument :
 BNA_F
 ClientSampleId :

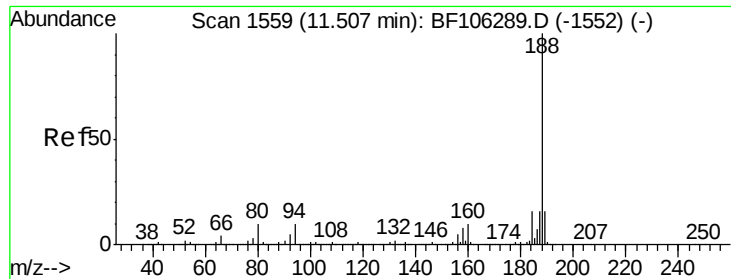
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.875 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF106430.D
 Acq: 14 Jun 2018 9:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

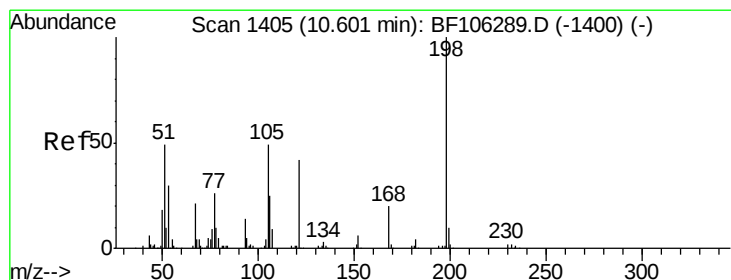
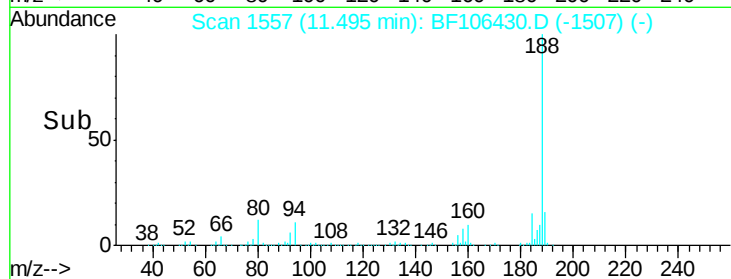
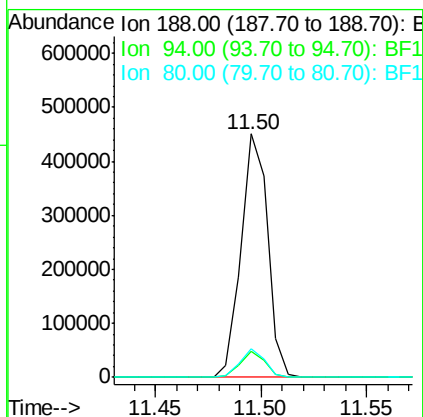
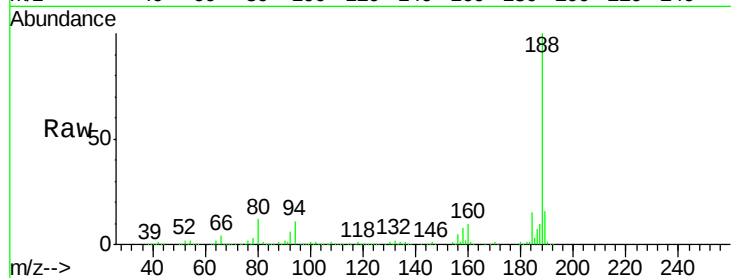




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

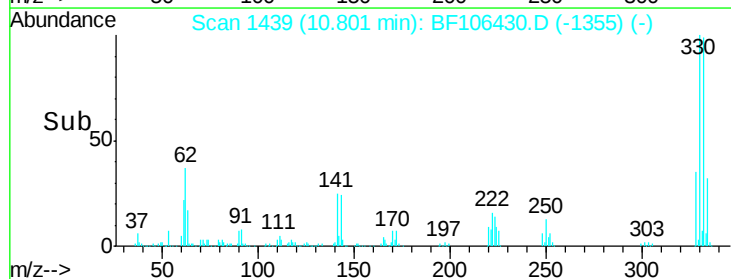
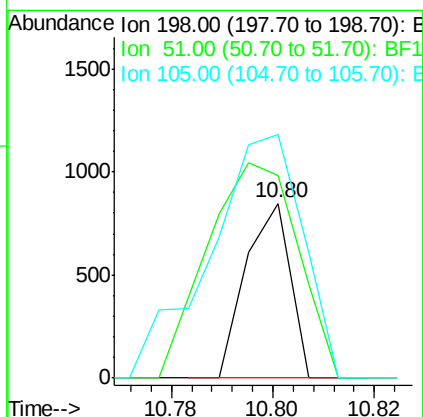
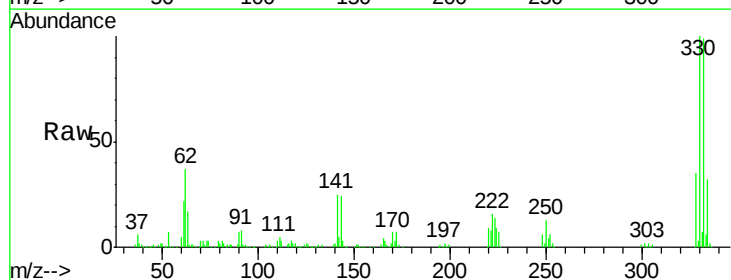
Instrument :
BNA_F
ClientSampleId :

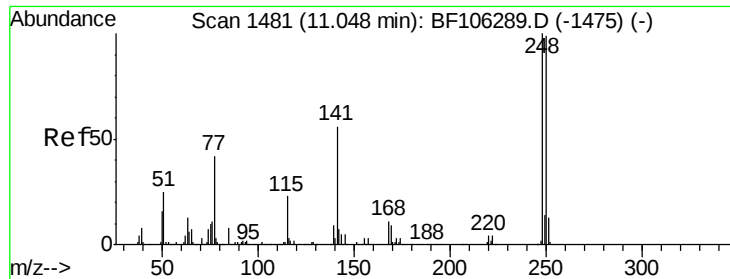
Tot Ion:188 Resp: 392444
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.506 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Tgt Ion:198 Resp: 515
Ion Ratio Lower Upper
198 100
51 115.4 37.7 77.7#
105 139.1 36.3 76.3#

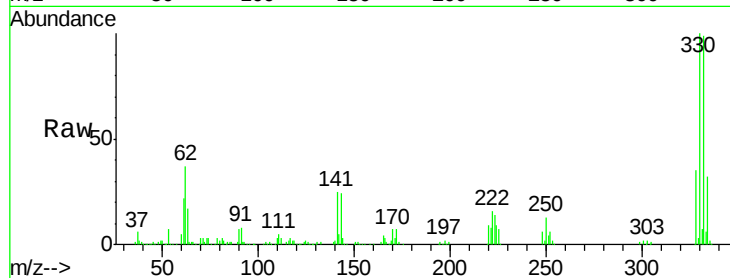




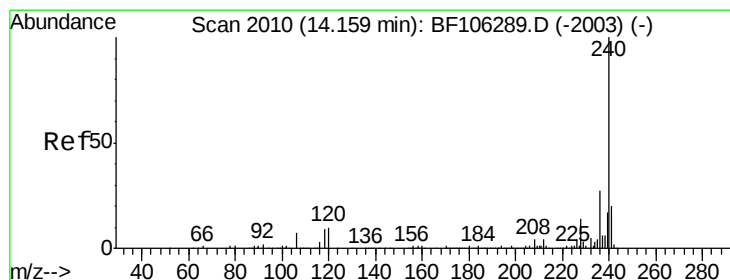
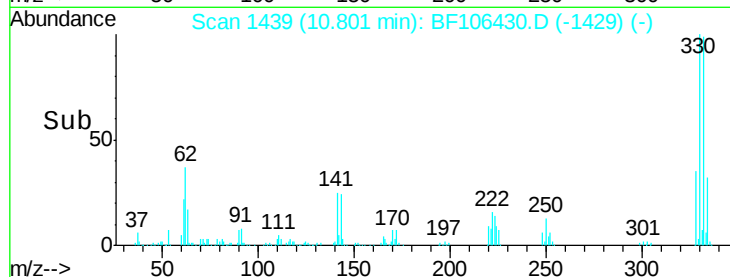
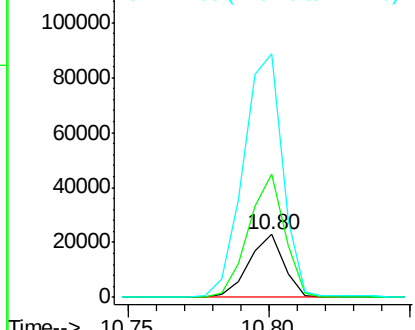
#66
4-Bromophenyl-phenylether
Concen: 4.431 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19776
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 386.6 74.4 111.6#

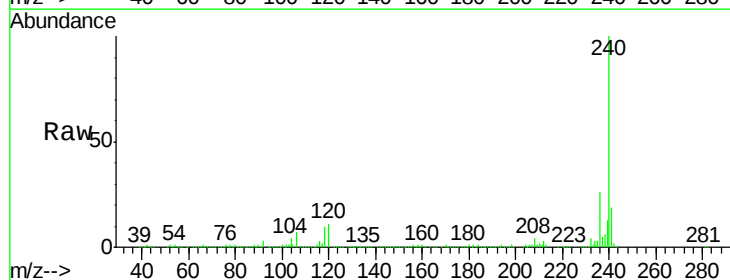


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

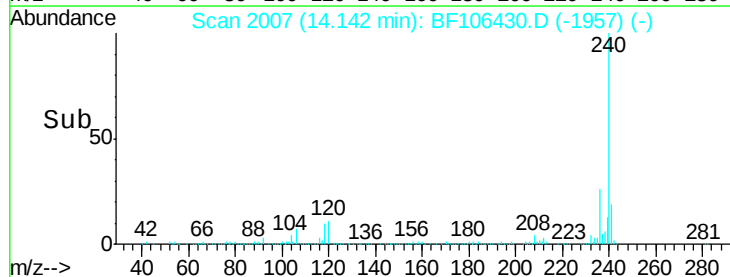
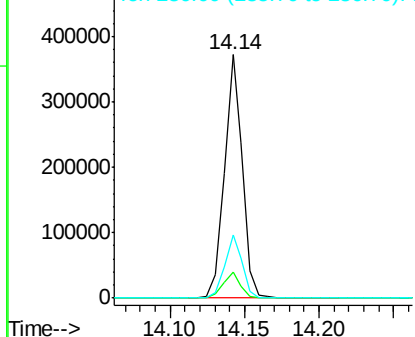


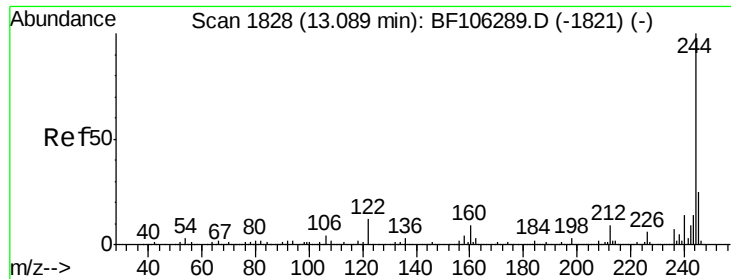
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106430.D
Acq: 14 Jun 2018 9:16

Tgt Ion:240 Resp: 314254
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 26.1 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

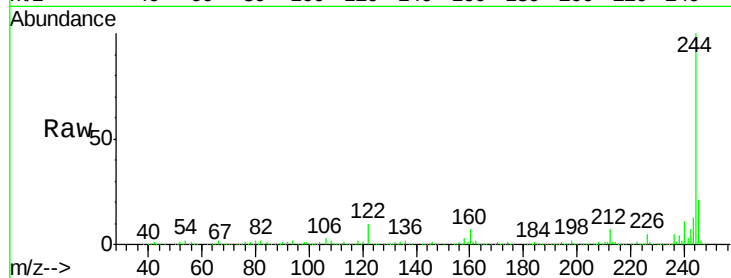




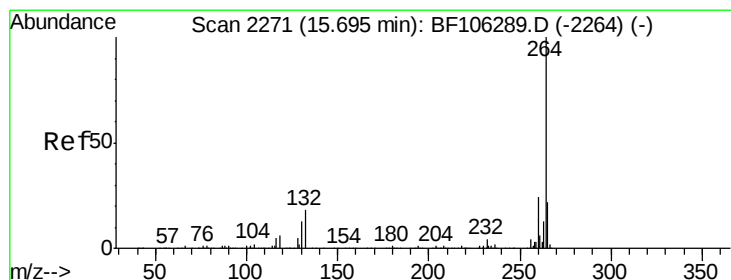
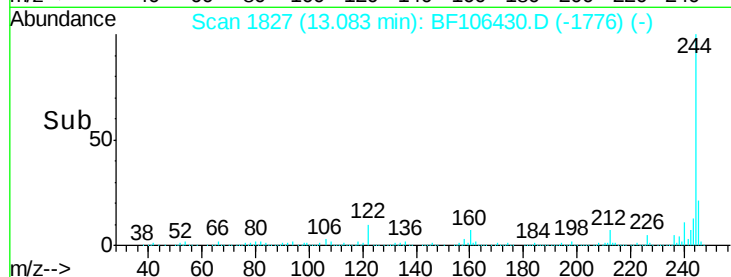
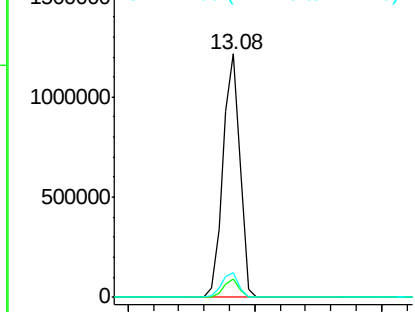
#78
 Terphenyl-d14
 Concen: 89.395 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106430.D
 Acq: 14 Jun 2018 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1131045
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.3 11.0 16.4#

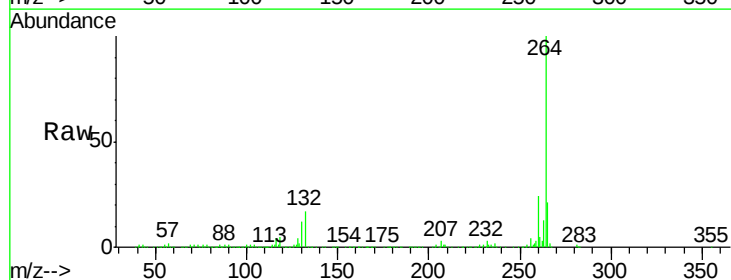


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BF106430.D
 Acq: 14 Jun 2018 9:16

Tgt Ion:264 Resp: 331473
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.1 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

