

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106341.D
 Acq On : 12 Jun 2018 13:48
 Operator : JU/SJ
 Sample : J2979-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:07:20 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	179285	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	669948	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	307629	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	548760	20.00	ng	0.00
75) Chrysene-d12	14.15	240	458402	20.00	ng	0.00
86) Perylene-d12	15.69	264	501809	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	976997	92.23	ng	0.01
7) Phenol-d6	6.60	99	1205052	90.04	ng	0.00
23) Nitrobenzene-d5	7.53	82	793109	69.64	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	323640	109.34	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1239162	66.54	ng	0.00
78) Terphenyl-d14	13.08	244	1207996	65.45	ng	0.00

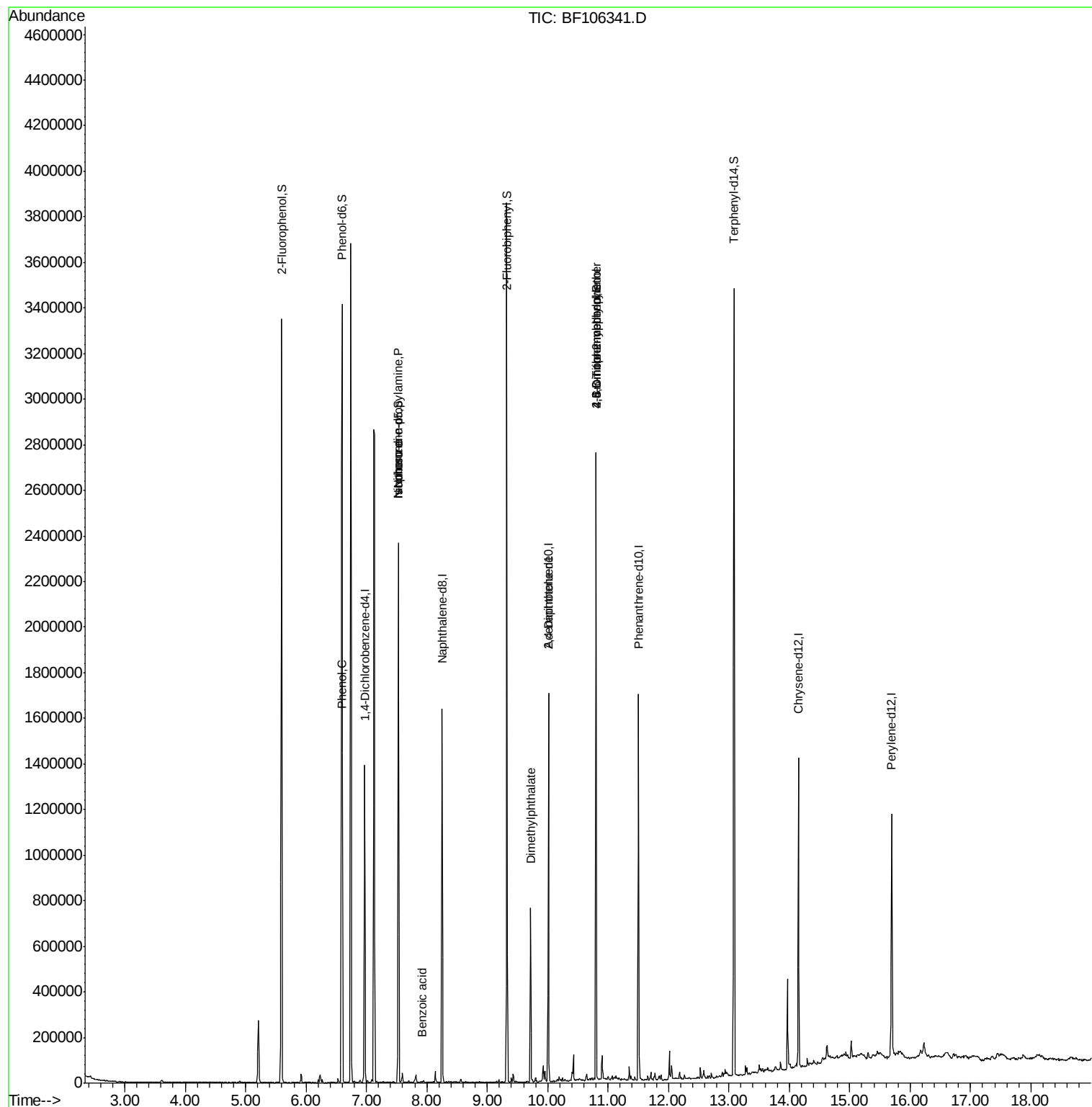
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.61	94	34261	2.345	ng	96
19) n-Nitroso-di-n-propylamine	7.53	70	109163	10.872	ng	# 76
25) Isophorone	7.53	82	793098	35.655	ng	# 64
32) Benzoic acid	7.92	122	150	7.307	ng	# 45
49) Dimethylphthalate	9.72	163	263398	11.984	ng	100
56) 2,4-Dinitrotoluene	10.01	165	39704	7.043	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	811	6.533	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	21058	3.374	ng	# 1

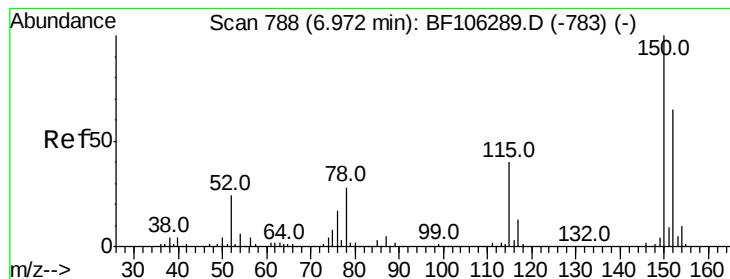
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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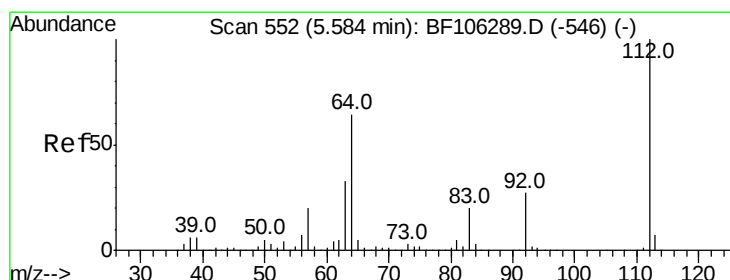
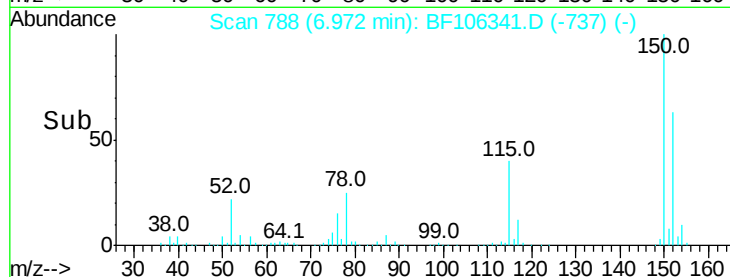
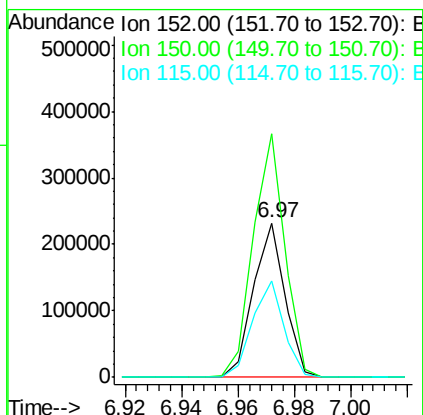
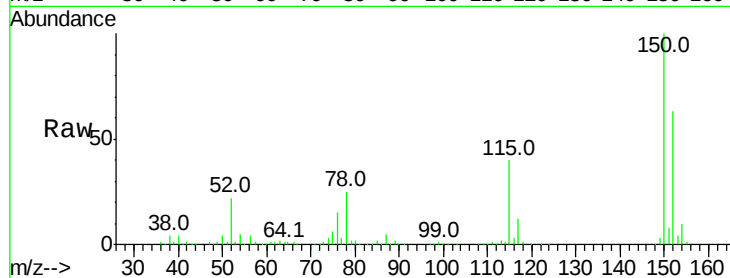


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Instrument :
BNA_F
ClientSampled :

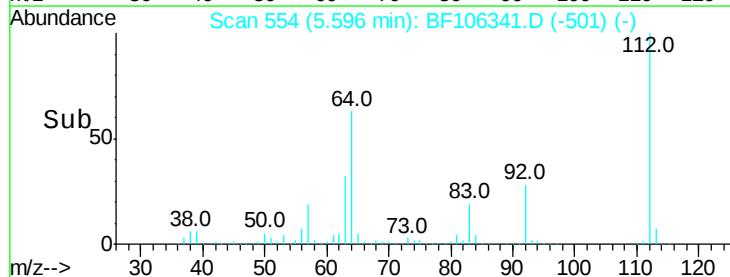
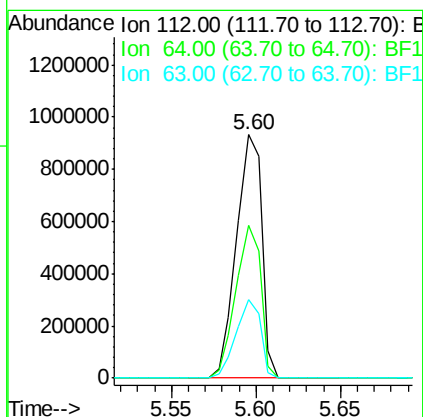
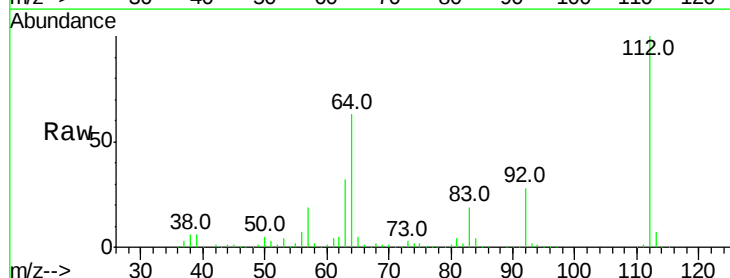
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	62.6	50.1	75.1



#5

2-Fluorophenol
Concen: 92.231 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 90.042 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106341.D

Acq: 12 Jun 2018 13:48

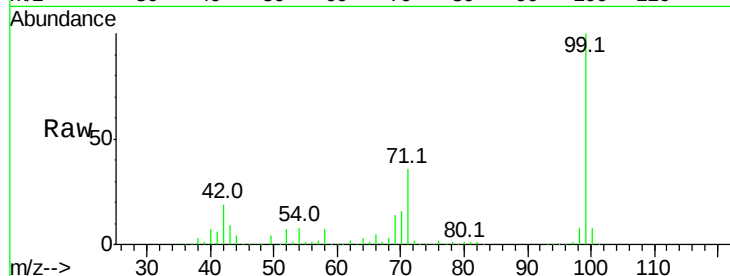
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1205052

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	35.8	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

1500000

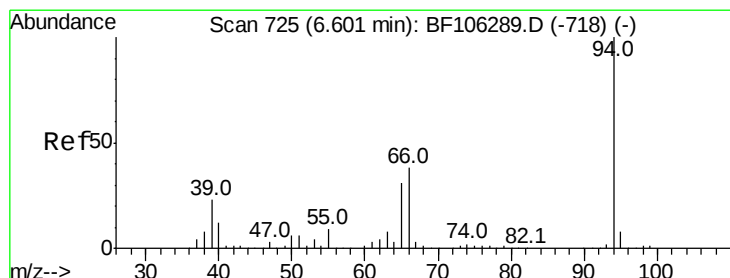
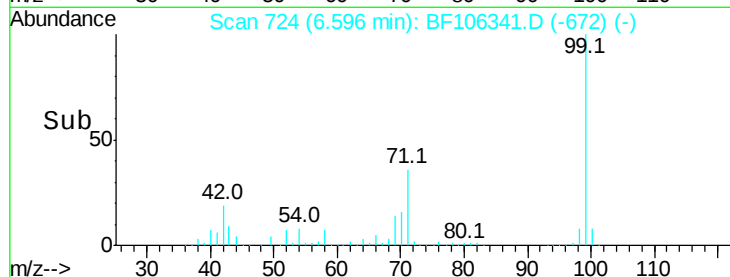
1000000

500000

0

6.60

Time-->



#10

Phenol

Concen: 2.345 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF106341.D

Acq: 12 Jun 2018 13:48

Tgt Ion: 94 Resp: 34261

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	32.6	16.2	56.2

Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

80000

60000

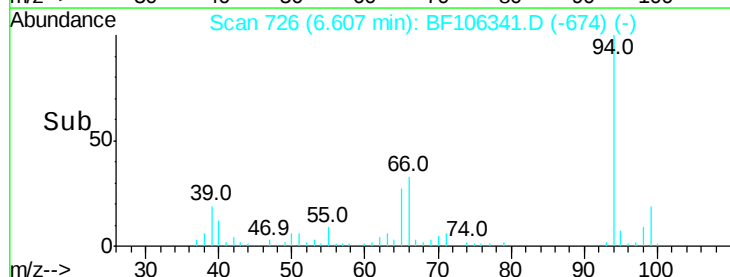
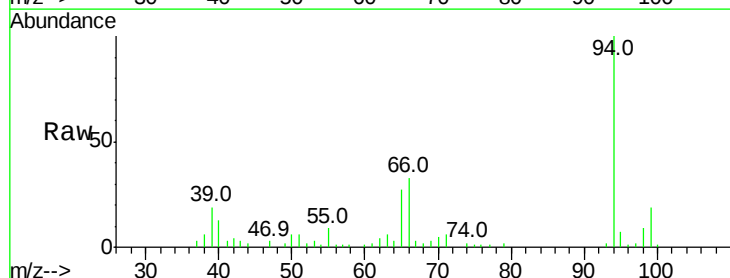
40000

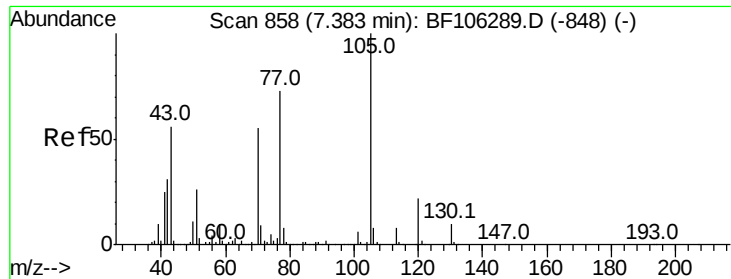
20000

0

6.61

Time-->

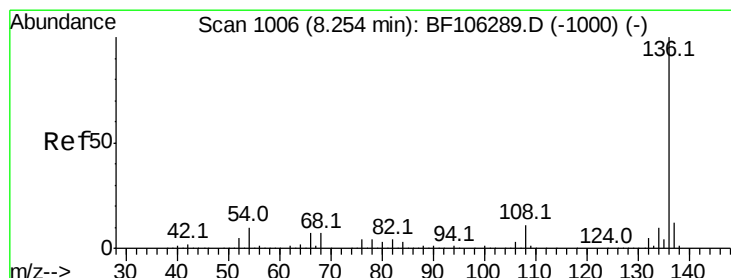
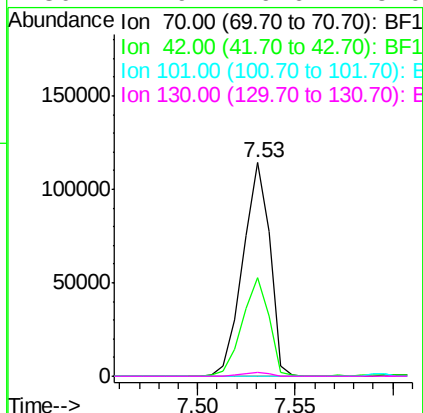
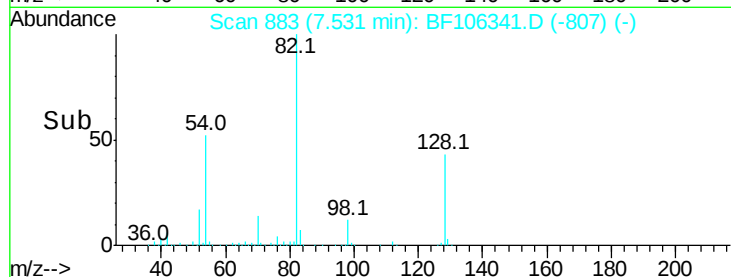
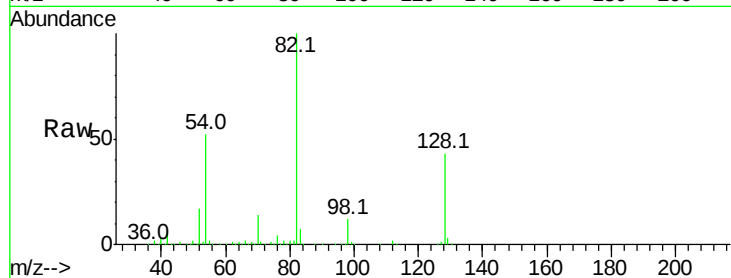




#19
n-Nitroso-di-n-propylamine
Concen: 10.872 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

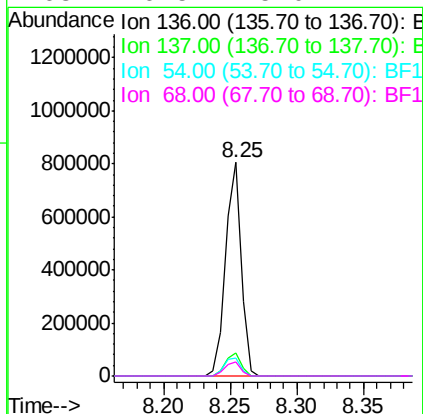
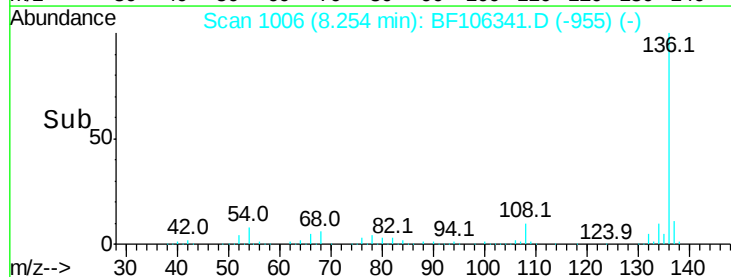
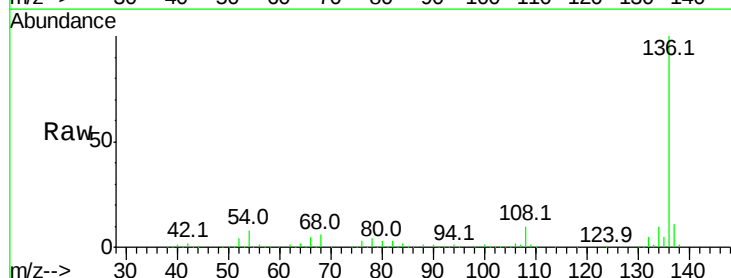
Instrument :
BNA_F
ClientSampleId :

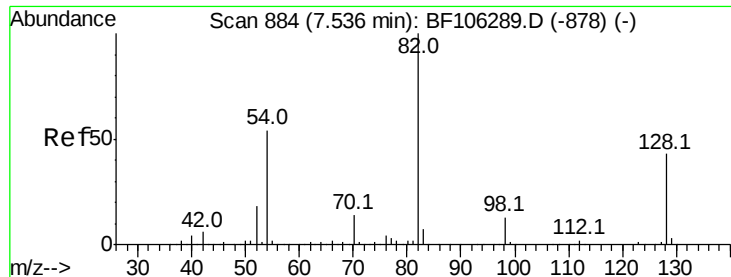
Tot Ion: 70 Resp: 109163
Ion Ratio Lower Upper
70 100
42 45.9 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Tgt Ion:136 Resp: 669948
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 6.6 9.8
68 6.5 5.0 7.4

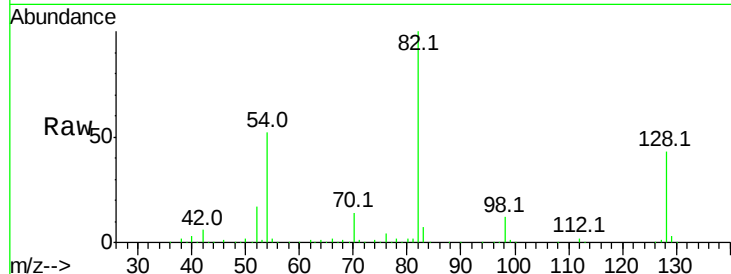




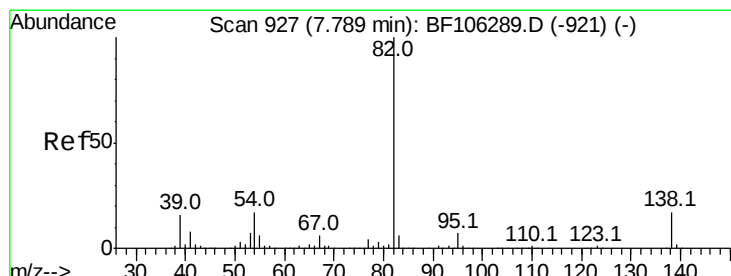
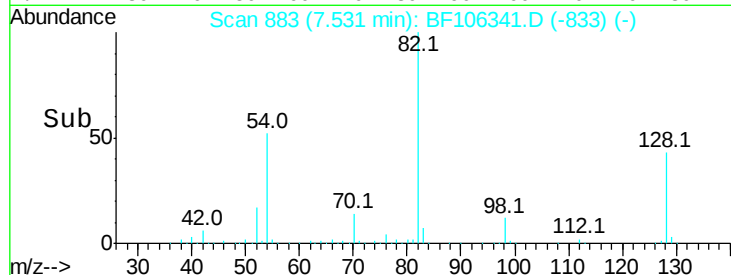
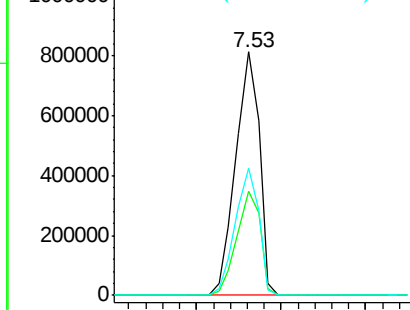
#23
Nitrobenzene-d5
Concen: 69.643 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	793109
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	52.2	41.4	62.2

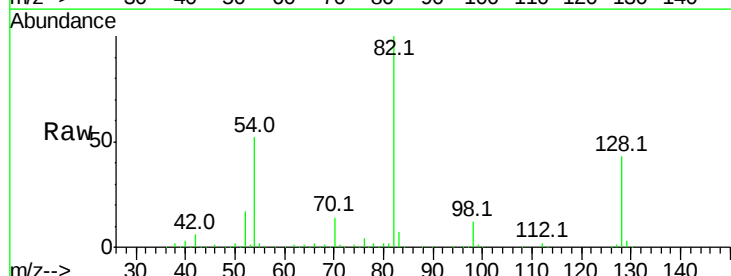


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

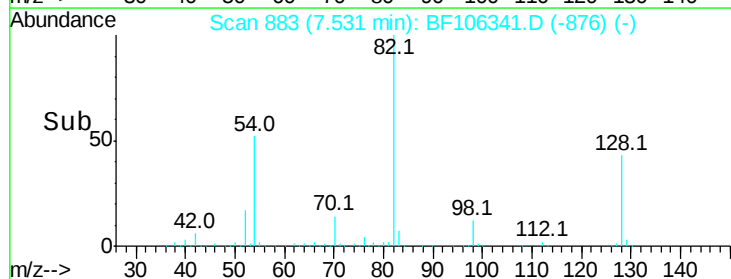
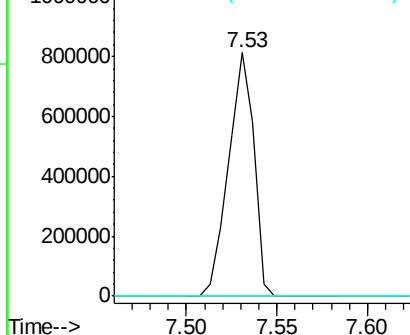


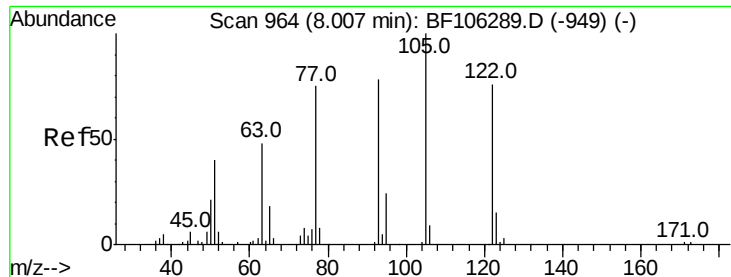
#25
Isophorone
Concen: 35.655 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Tgt Ion	82	Resp	793098
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

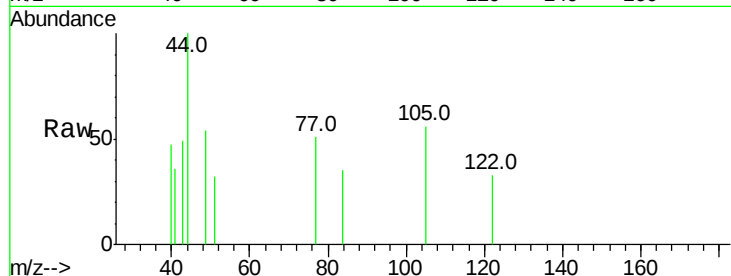




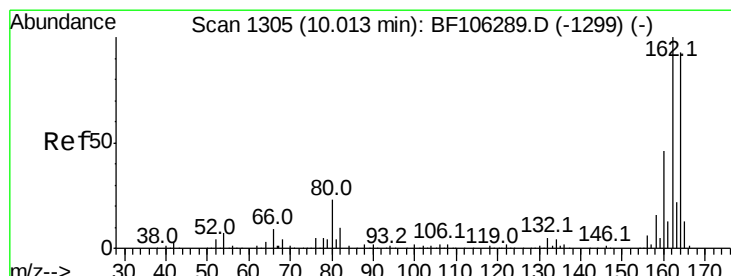
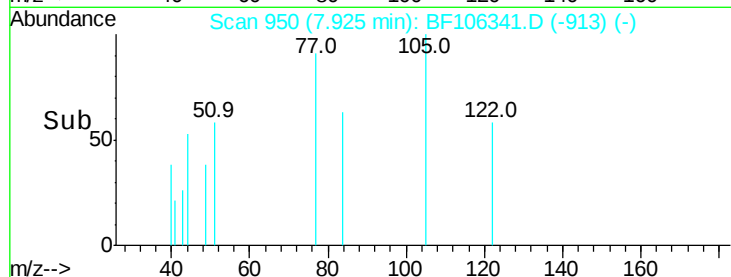
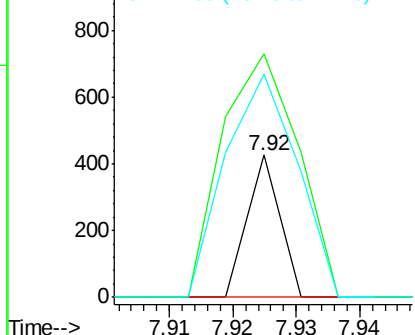
#32
Benzoic acid
Concen: 7.307 ng
RT: 7.92 min Scan# 950
Delta R.T. -0.08 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 150
Ion Ratio Lower Upper
122 100
105 171.1 101.1 141.1#
77 156.6 70.7 110.7#

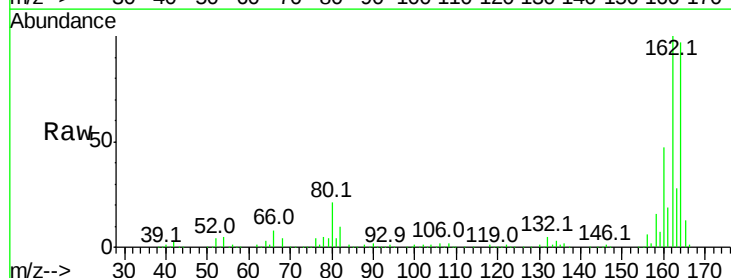


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

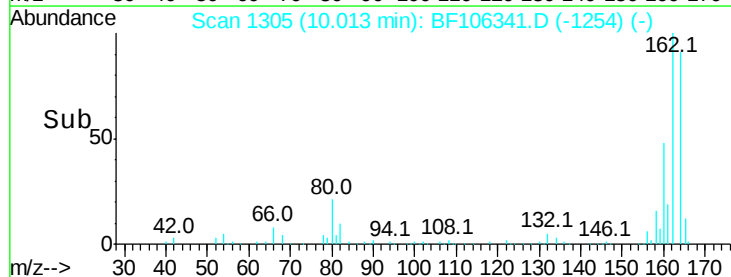
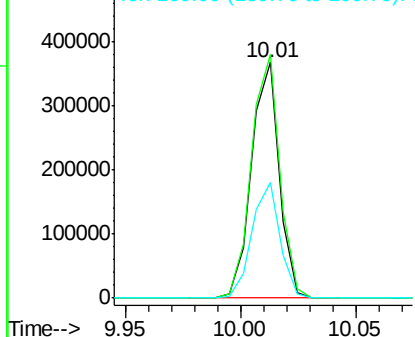


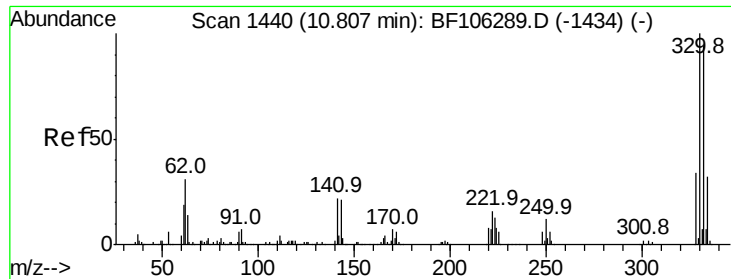
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Tgt Ion:164 Resp: 307629
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 48.9 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

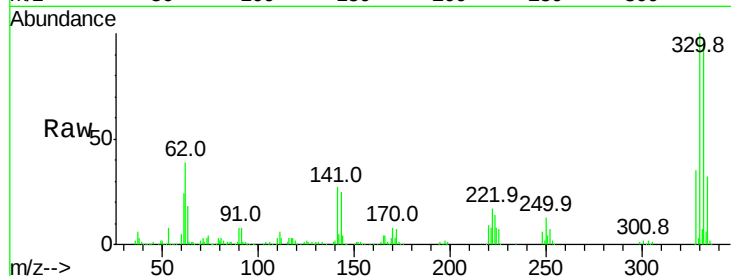




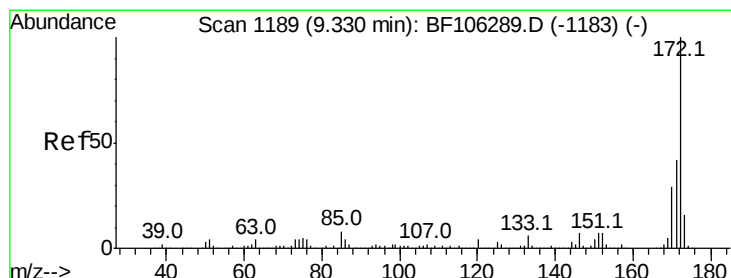
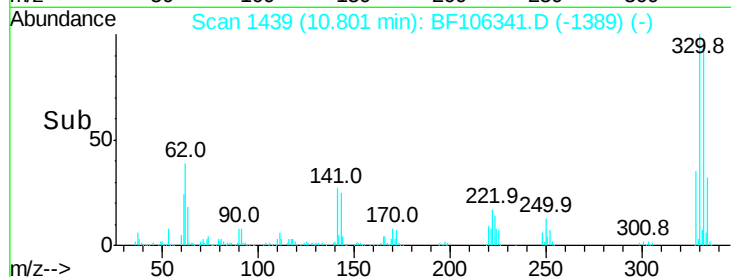
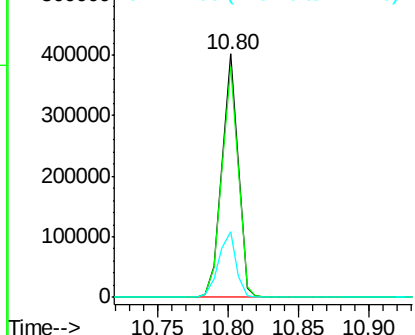
#41
 2,4,6-Tribromophenol
 Concen: 109.341 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106341.D
 Acq: 12 Jun 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 323640
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 28.9 29.9 44.9#

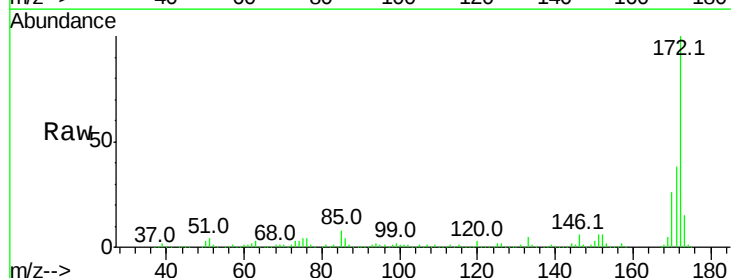


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

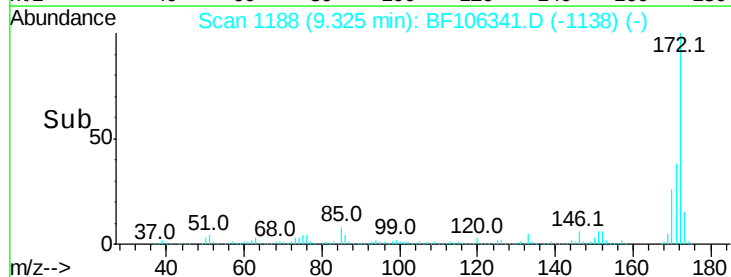
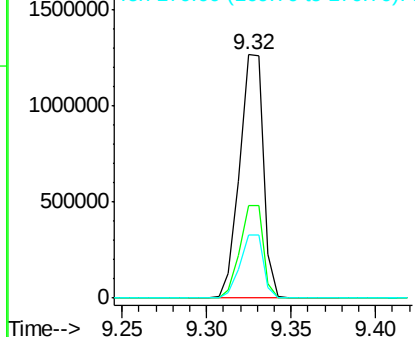


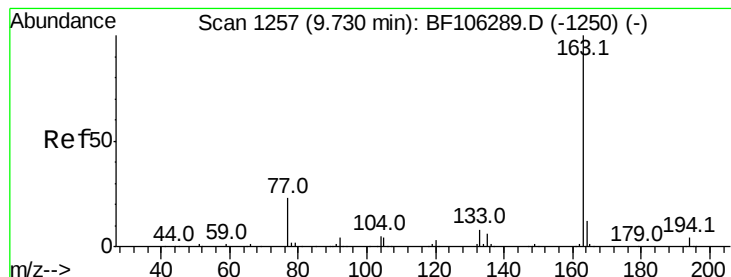
#44
 2-Fluorobiphenyl
 Concen: 66.545 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106341.D
 Acq: 12 Jun 2018 13:48

Tgt Ion:172 Resp: 1239162
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.7 44.5
 170 25.9 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: 11.984 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF106341.D

Acq: 12 Jun 2018 13:48

Instrument :

BNA_F

ClientSampleId :

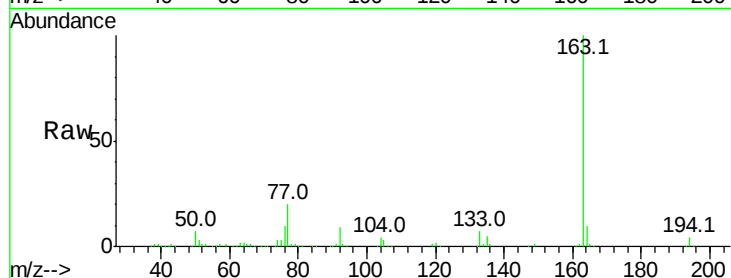
Tot Ion:163 Resp: 263398

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

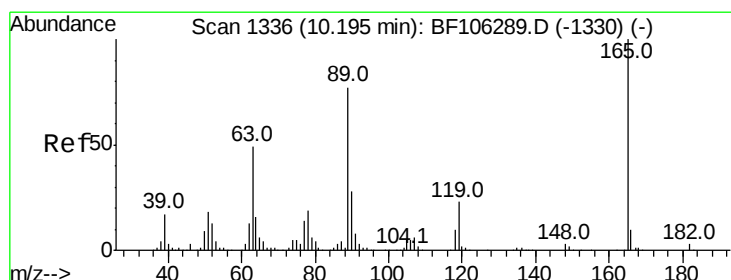
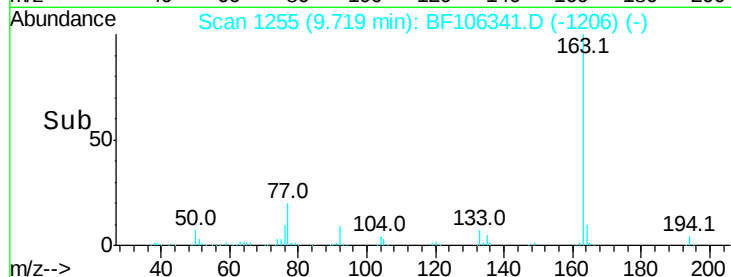
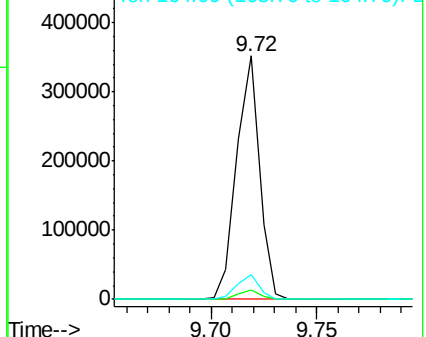
164 10.1 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 7.043 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.18 min

Lab File: BF106341.D

Acq: 12 Jun 2018 13:48

Tgt Ion:165 Resp: 39704

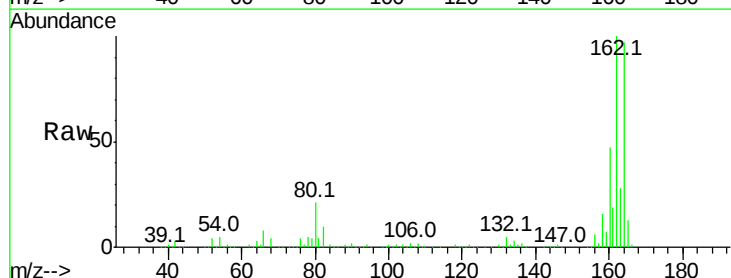
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

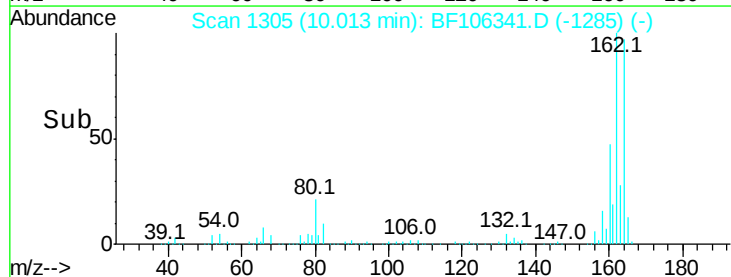
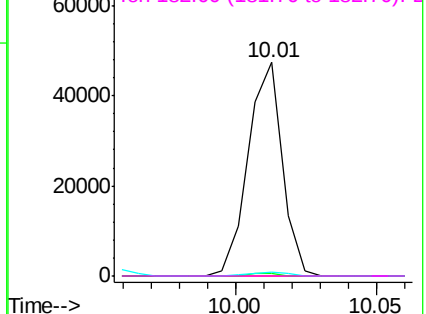


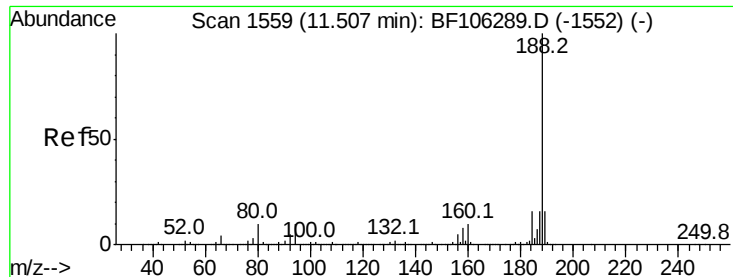
Abundance Ion 165.00 (164.70 to 165.70): E

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

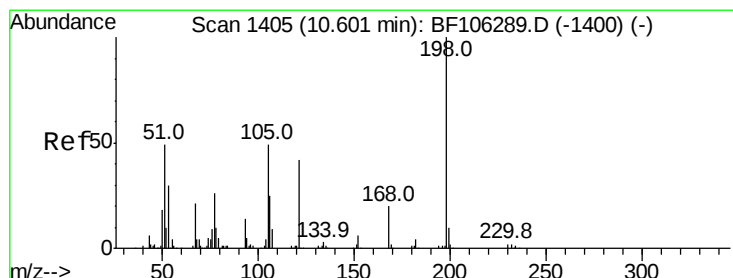
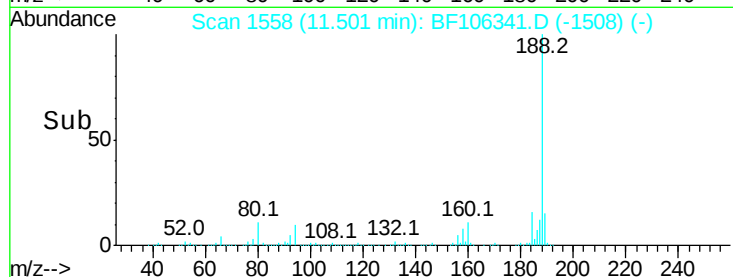
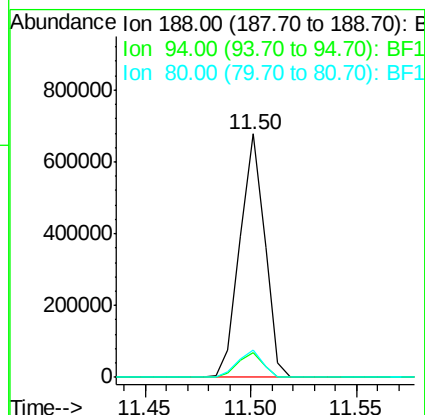
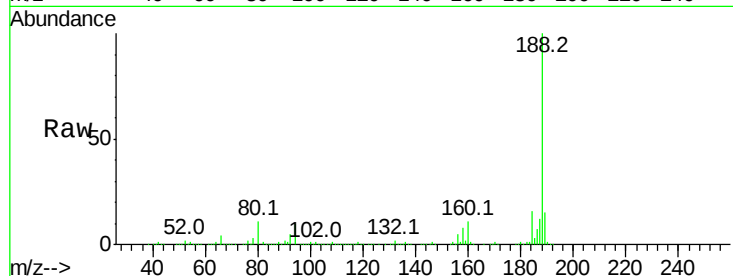




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

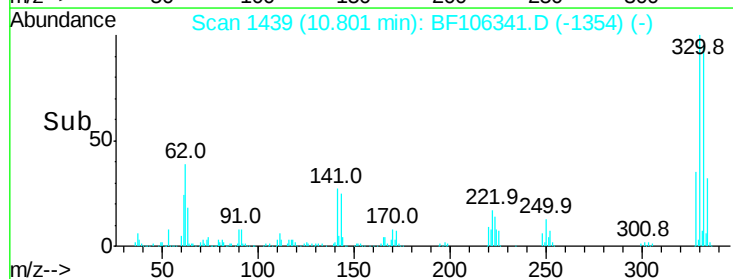
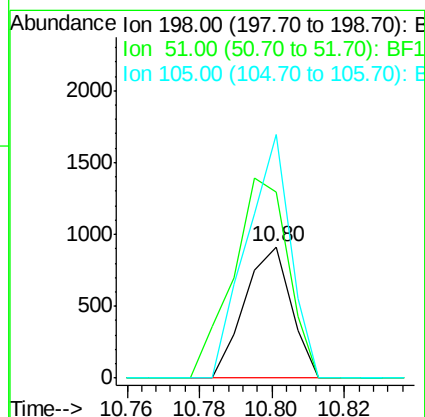
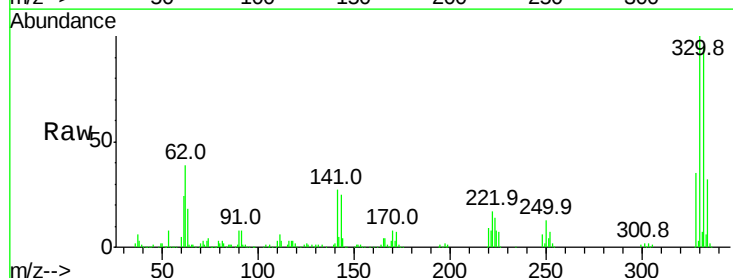
Instrument :
BNA_F
ClientSampleId :

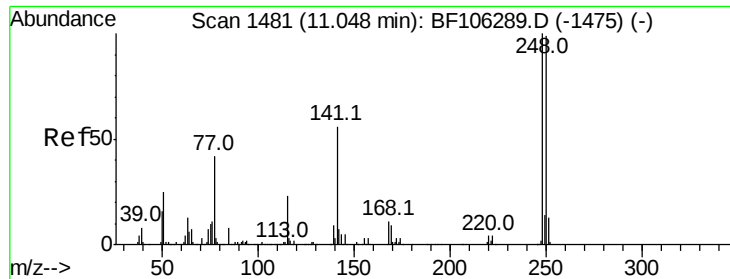
Tot Ion:188 Resp: 548760
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.533 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Tgt Ion:198 Resp: 811
Ion Ratio Lower Upper
198 100
51 141.9 37.7 77.7#
105 185.1 36.3 76.3#

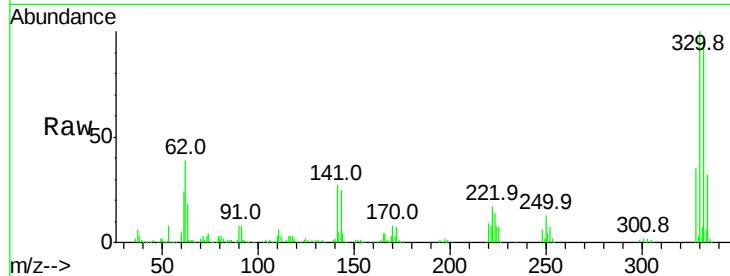




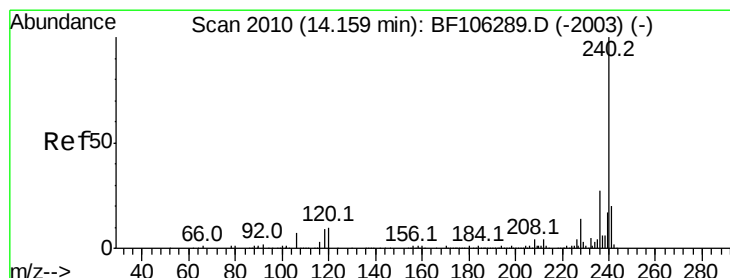
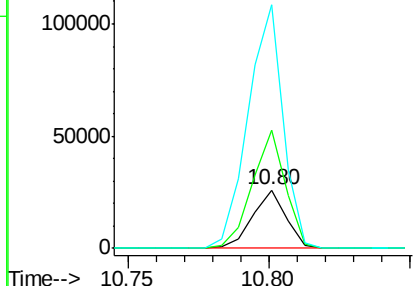
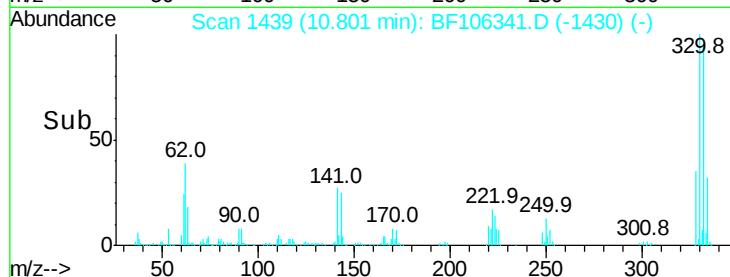
#66
4-Bromophenyl-phenylether
Concen: 3.374 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 21058
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 417.3 74.4 111.6#

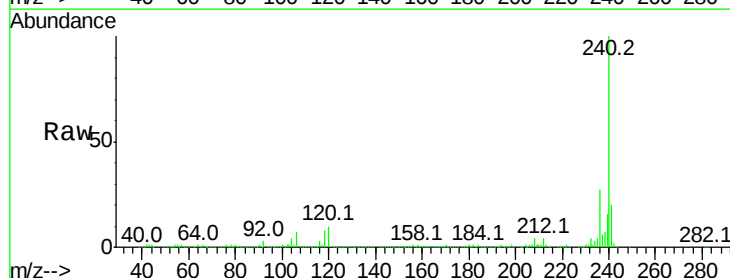


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

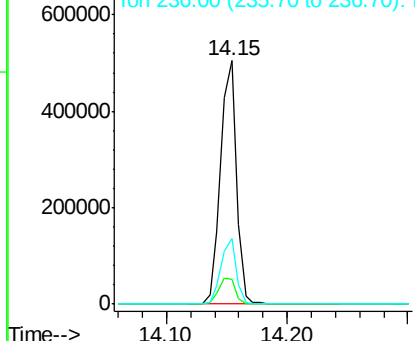
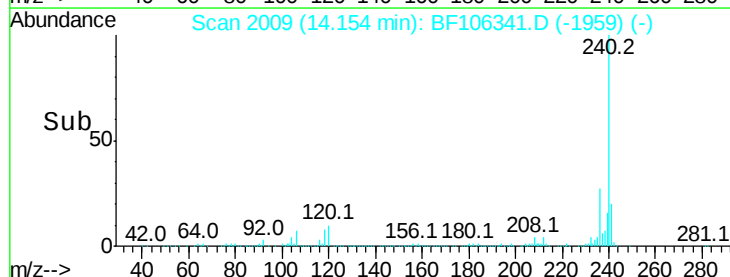


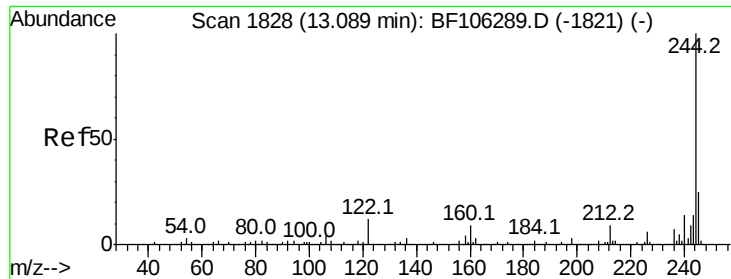
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106341.D
Acq: 12 Jun 2018 13:48

Tgt Ion:240 Resp: 458402
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 27.0 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

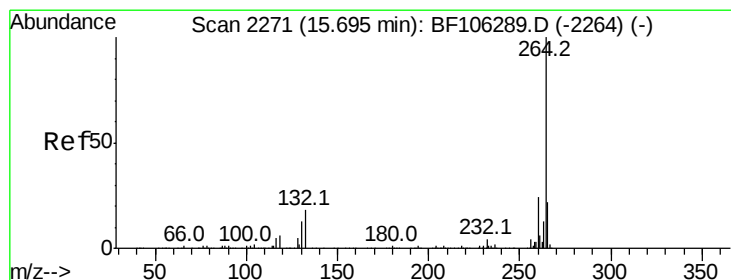
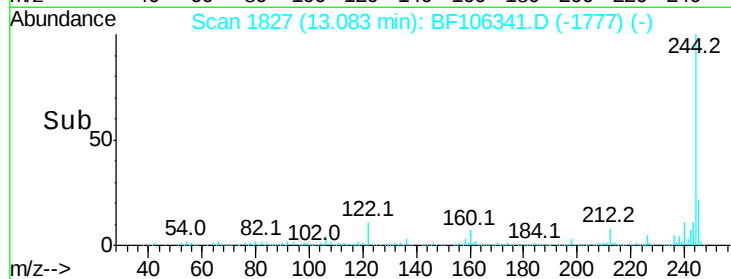
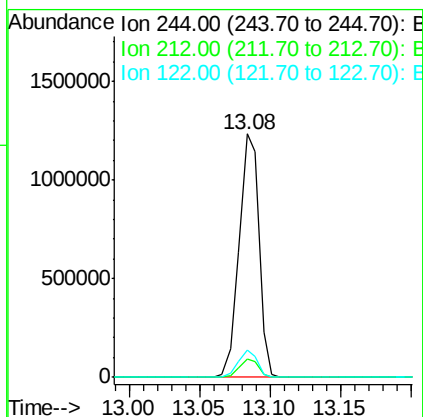
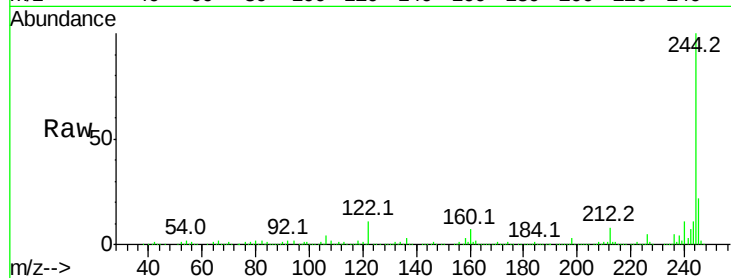




#78
 Terphenyl-d14
 Concen: 65.453 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106341.D
 Acq: 12 Jun 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1207996
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 11.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF106341.D
 Acq: 12 Jun 2018 13:48

Tgt Ion:264 Resp: 501809
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.0 17.5 26.3

