

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105033.D
 Acq On : 2 May 2018 16:15
 Operator : JU/SJ
 Sample : J2616-30
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 17:29:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79060	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	330722	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	149578	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	265772	20.00	ng	0.00
75) Chrysene-d12	14.03	240	194072	20.00	ng	0.00
86) Perylene-d12	15.61	264	176145	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	580705	112.31	ng	0.01
7) Phenol-d6	6.43	99	626447	98.61	ng	0.00
23) Nitrobenzene-d5	7.36	82	470916	92.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	209960	135.32	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	909135	96.02	ng	0.00
78) Terphenyl-d14	12.92	244	838425	98.49	ng	0.00

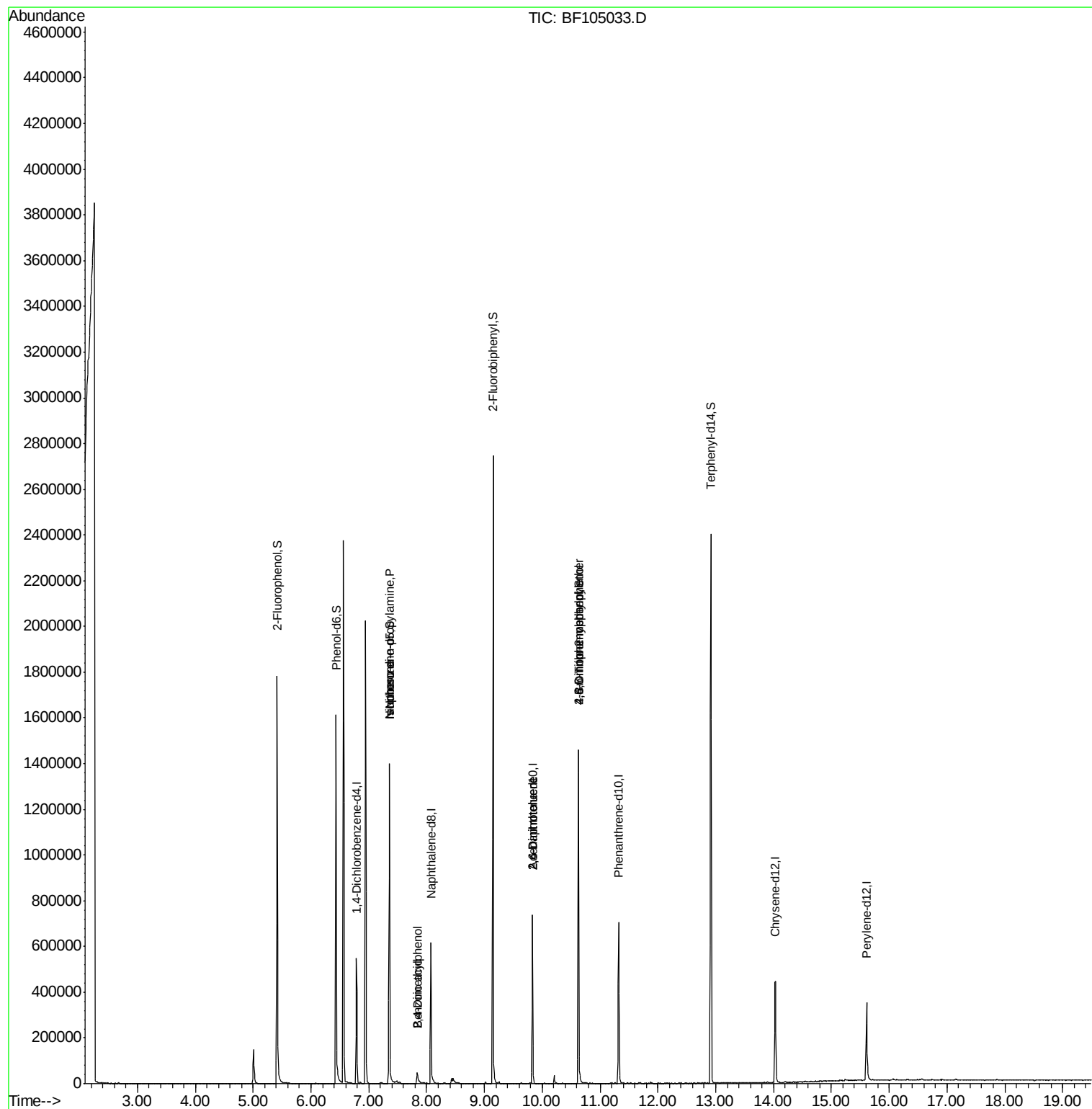
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	60593	14.596	ng	# 74
25) Isophorone	7.36	82	468011	43.698	ng	# 64
27) 2,4-Dimethylphenol	7.85	122	15923	3.369	ng	# 4
32) Benzoic acid	7.85	122	15923	4.222	ng	# 94
50) 2,6-Dinitrotoluene	9.83	165	19040	8.724	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	19040	6.650	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.63	198	299	7.543	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12769	4.517	ng	# 1
76) Benzidine	12.92	184	10648	Below Cal		# 94

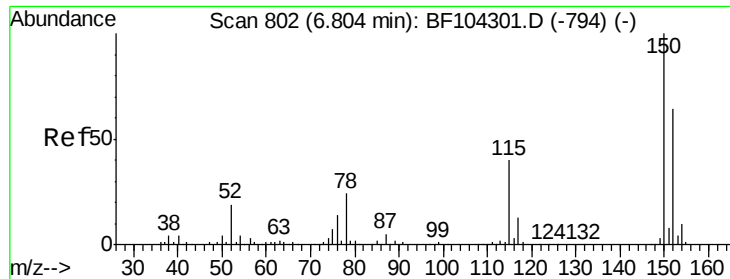
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105033.D
Acq On : 2 May 2018 16:15
Operator : JU/SJ
Sample : J2616-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 17:29:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration



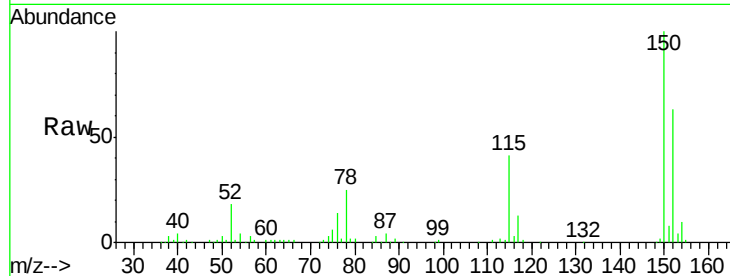


#1

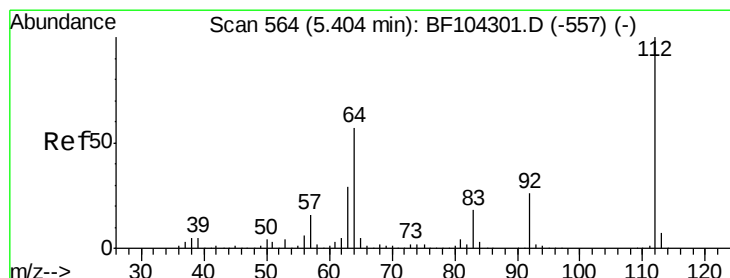
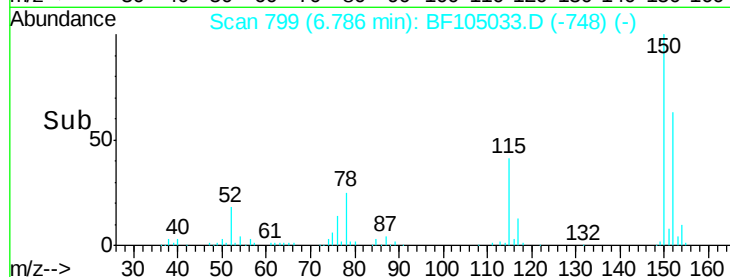
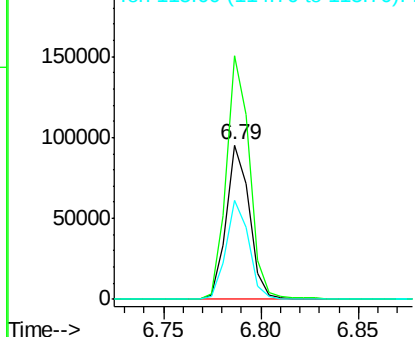
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79060
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 64.1 50.1 75.1



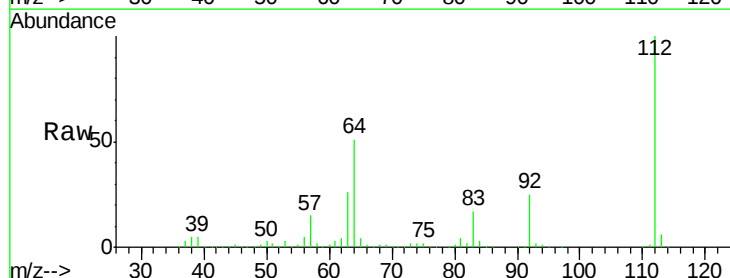
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



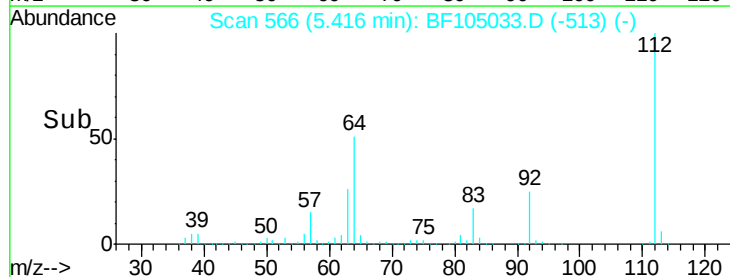
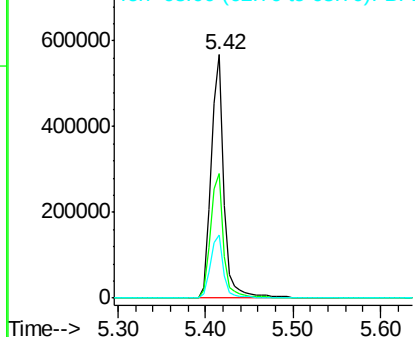
#5

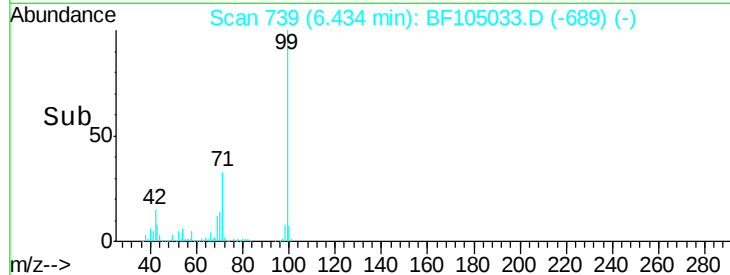
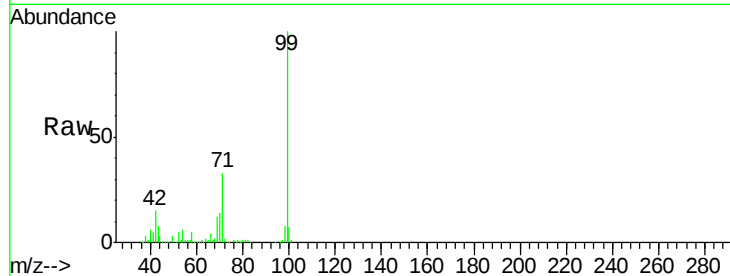
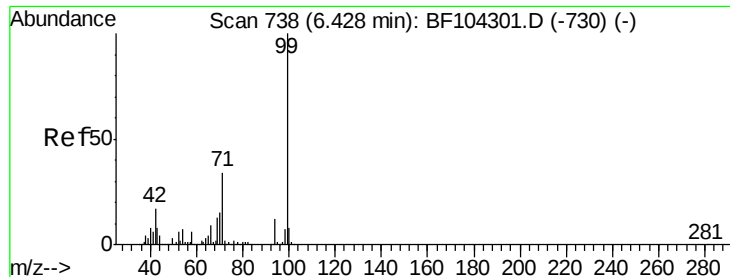
2-Fluorophenol
Concen: 112.311 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:112 Resp: 580705
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 26.0 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

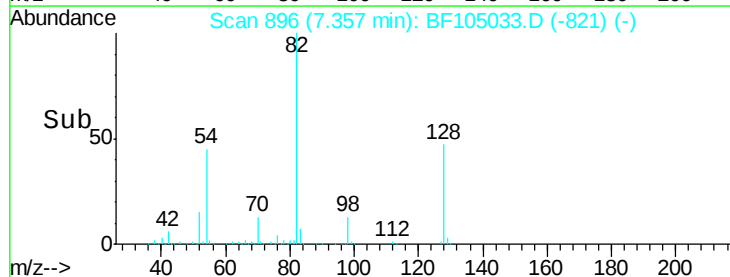
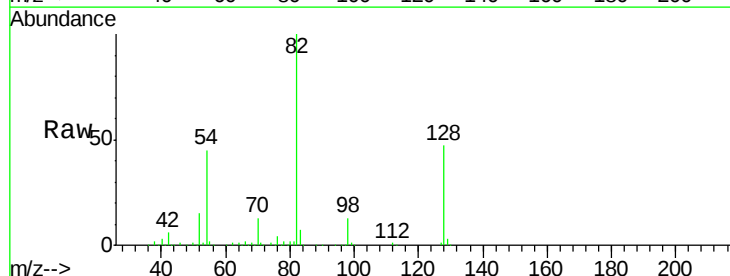
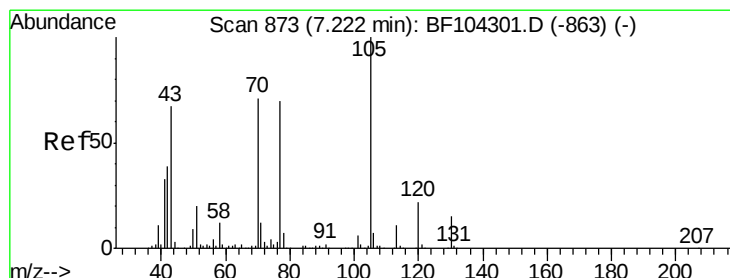
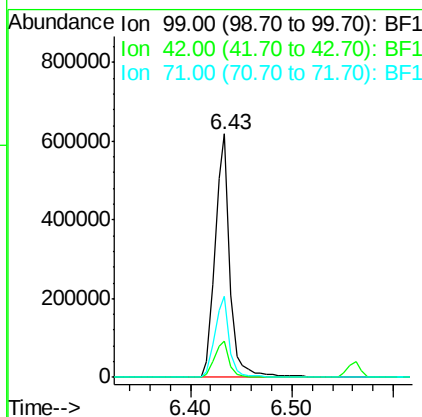




#7
Phenol-d6
Concen: 98.608 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

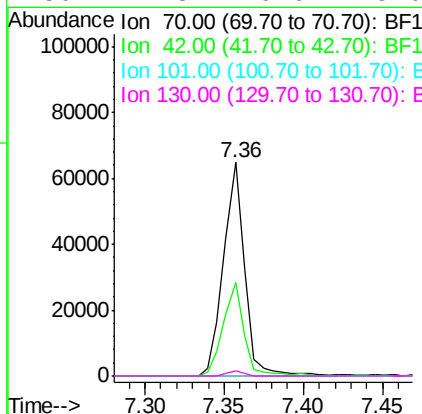
Instrument :
BNA_F
ClientSampleId :

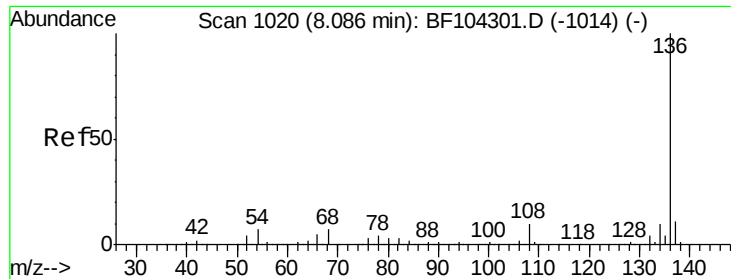
Tot Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	33.4	25.4	38.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.596 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

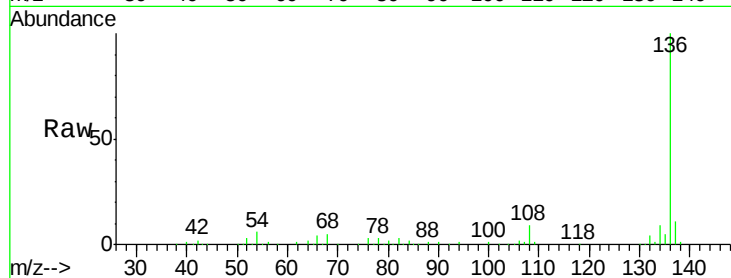




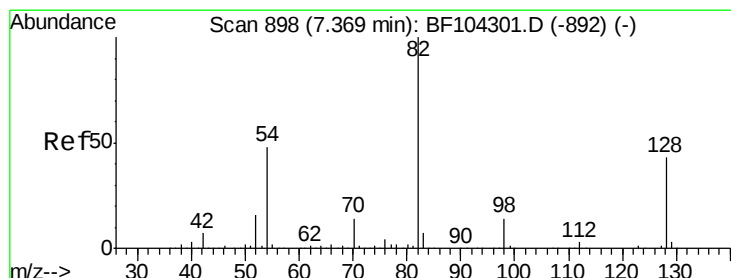
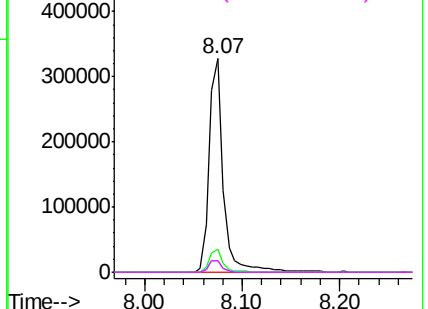
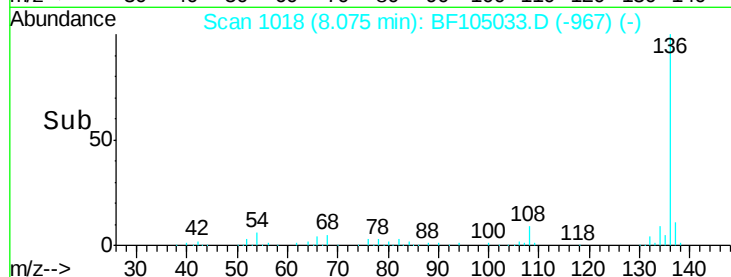
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	330722
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	5.5	6.6 9.8#
68	5.4	5.0 7.4

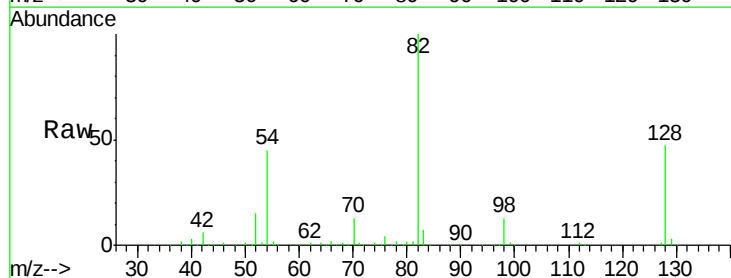


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

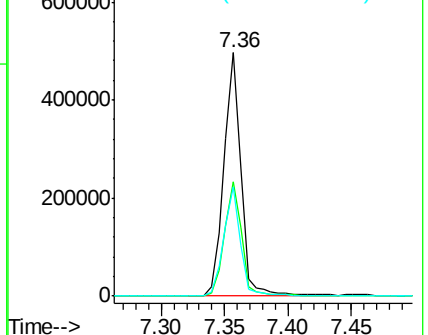
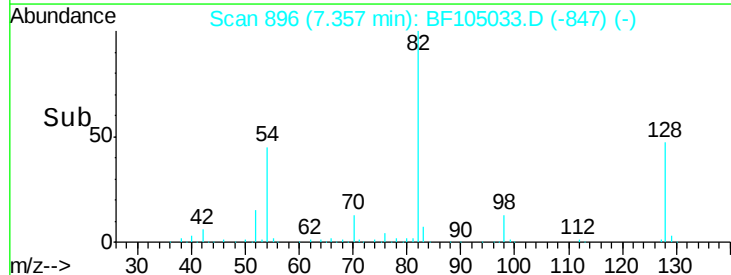


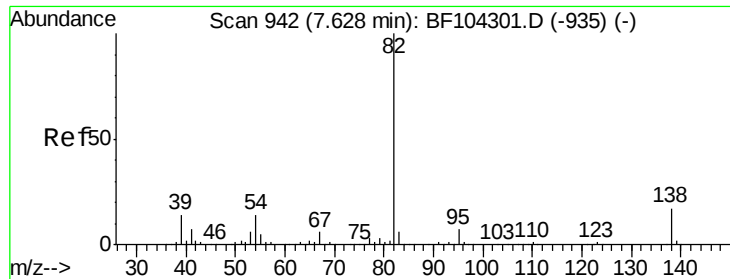
#23
Nitrobenzene-d5
Concen: 92.978 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion: 82	Resp:	470916
Ion Ratio	Lower	Upper
82	100	
128	47.0	36.1 54.1
54	44.8	41.4 62.2



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





#25

Isophorone

Concen: 43.698 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105033.D

Acq: 2 May 2018 16:15

Instrument :

BNA_F

ClientSampleId :

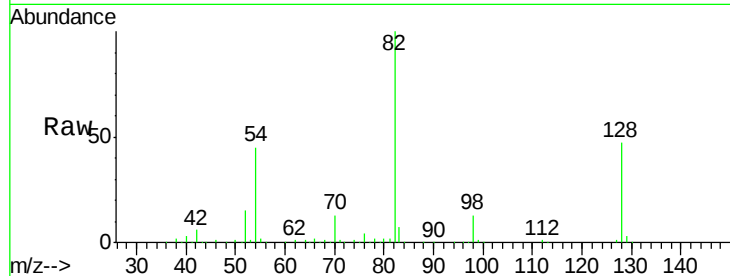
Tot Ion: 82 Resp: 468011

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

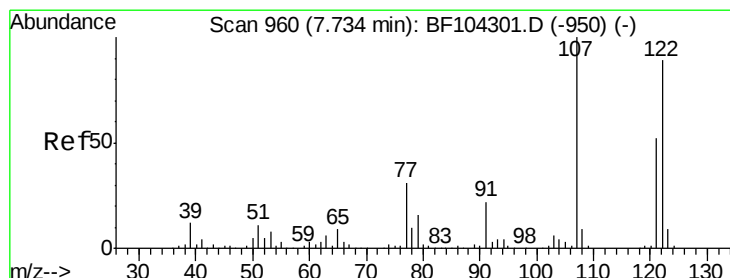
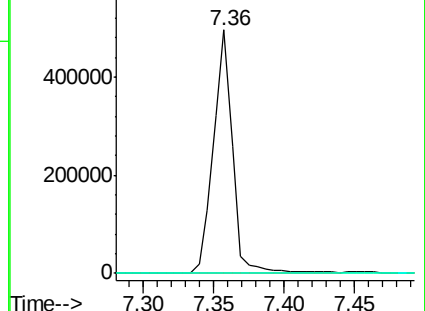
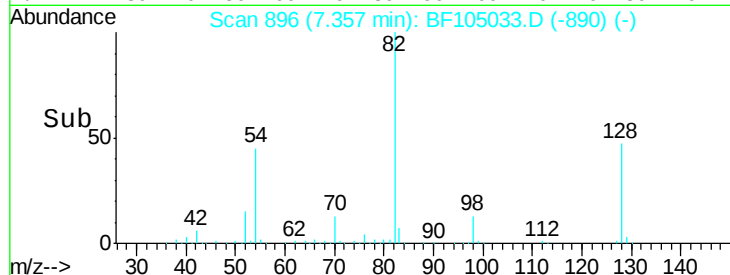
138 0.0 14.9 22.3#



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



#27

2,4-Dimethylphenol

Concen: 3.369 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.11 min

Lab File: BF105033.D

Acq: 2 May 2018 16:15

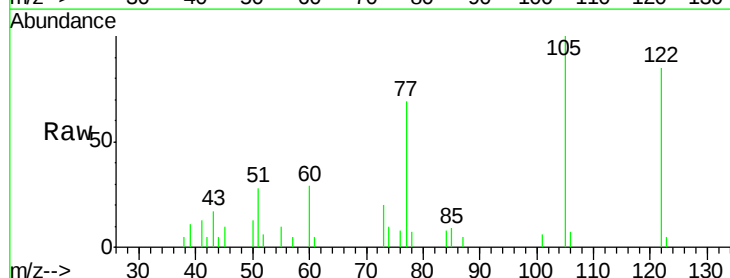
Tgt Ion: 122 Resp: 15923

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

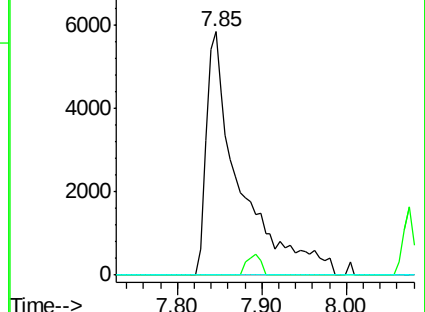
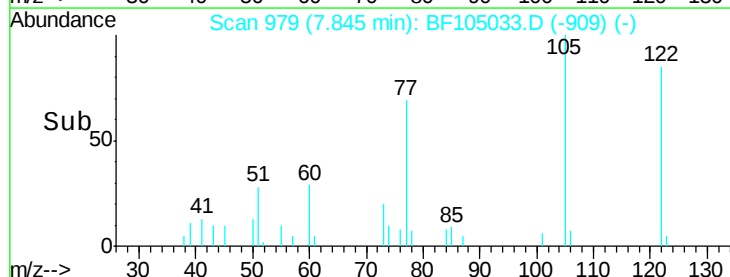
121 0.0 47.2 70.8#

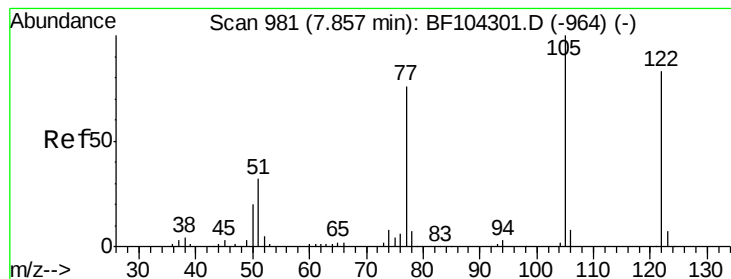


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#32

Benzoic acid

Concen: 4.222 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF105033.D

Acq: 2 May 2018 16:15

Instrument :

BNA_F

ClientSampleId :

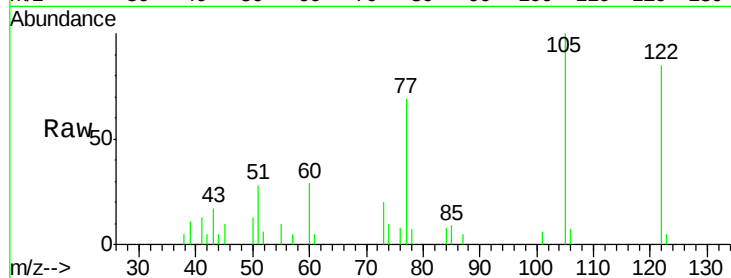
Tot Ion:122 Resp: 15923

Ion Ratio Lower Upper

122 100

105 118.3 101.1 141.1

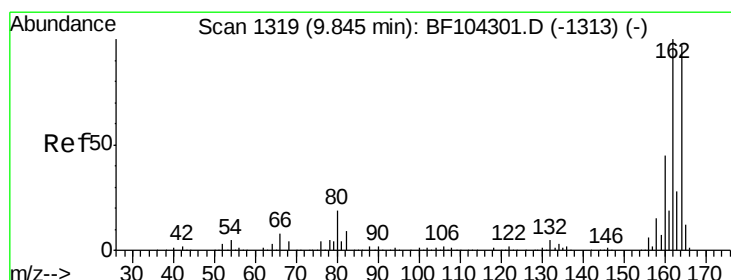
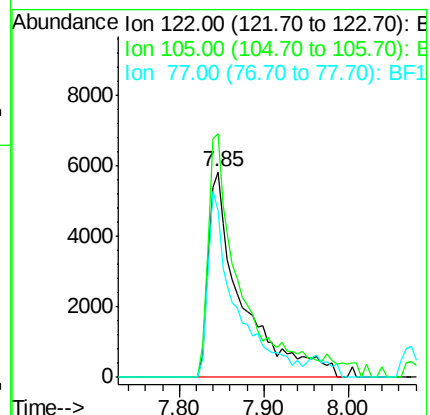
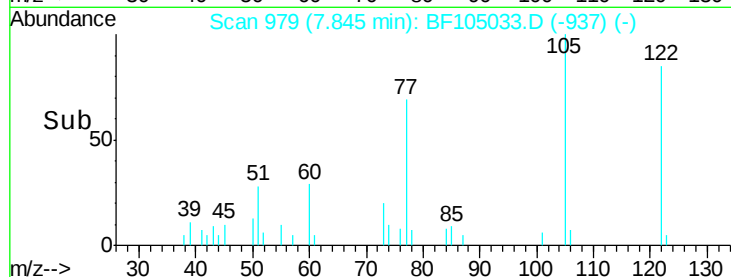
77 81.2 70.7 110.7



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105033.D

Acq: 2 May 2018 16:15

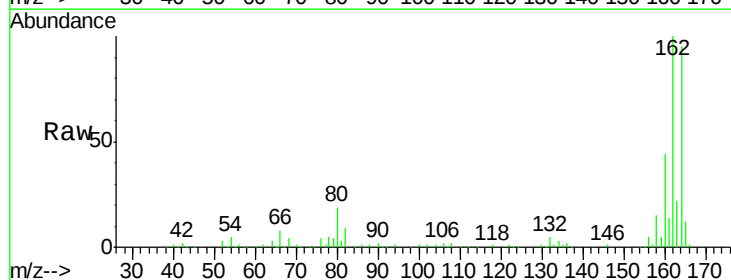
Tgt Ion:164 Resp: 149578

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

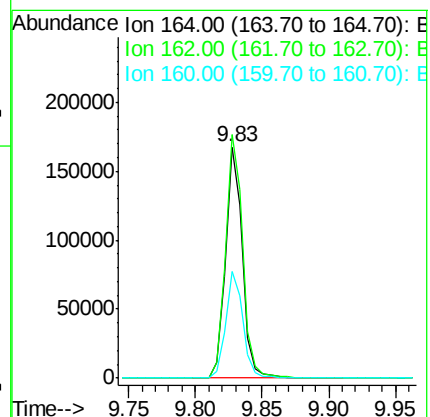
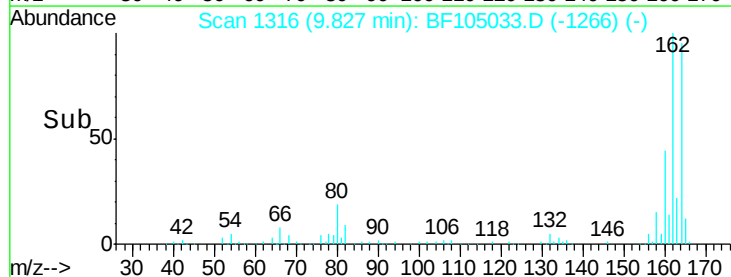
160 45.8 38.3 57.5

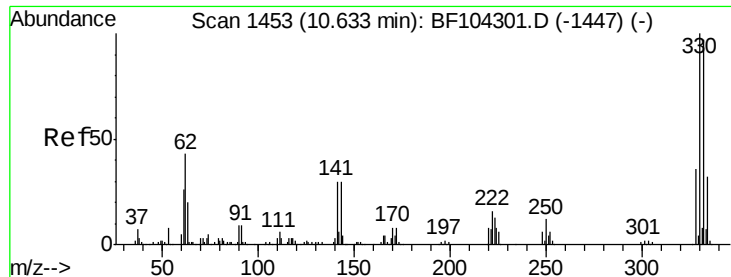


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

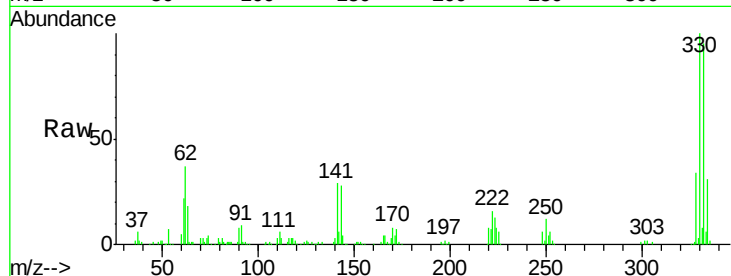




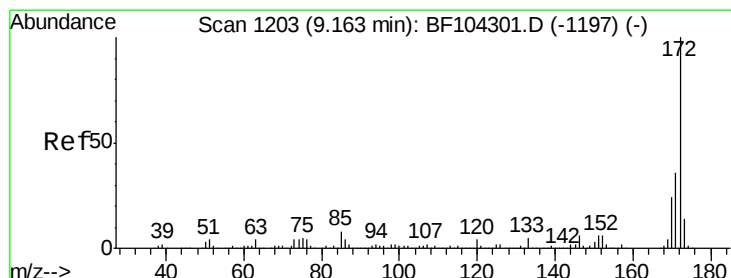
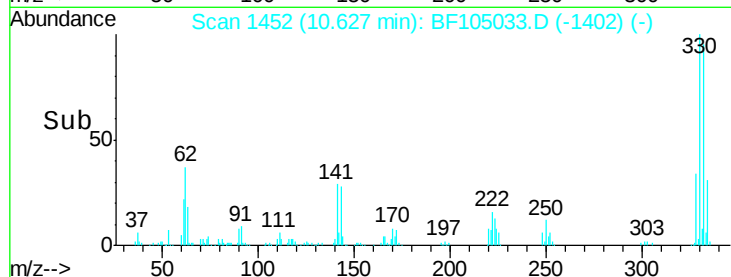
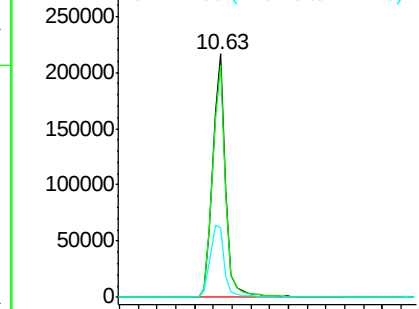
#41
 2,4,6-Tribromophenol
 Concen: 135.317 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105033.D
 Acq: 2 May 2018 16:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.0	29.9	44.9

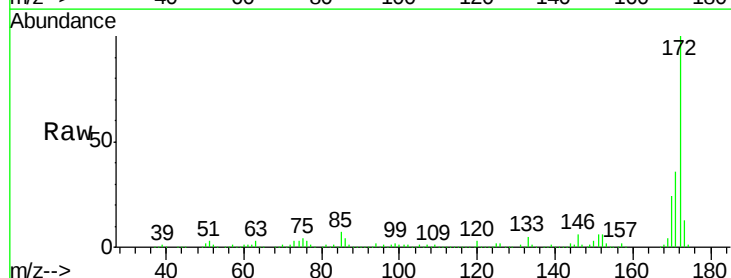


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

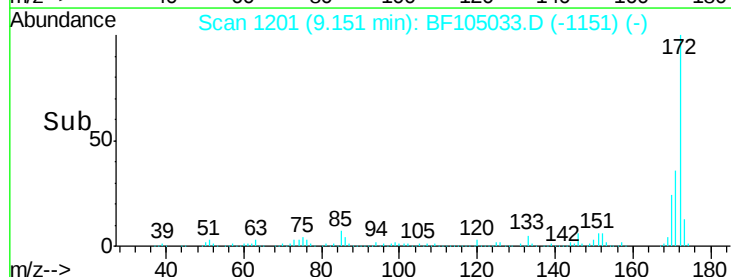
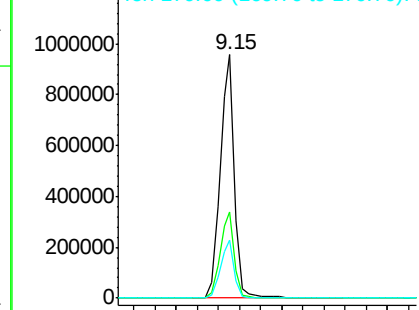


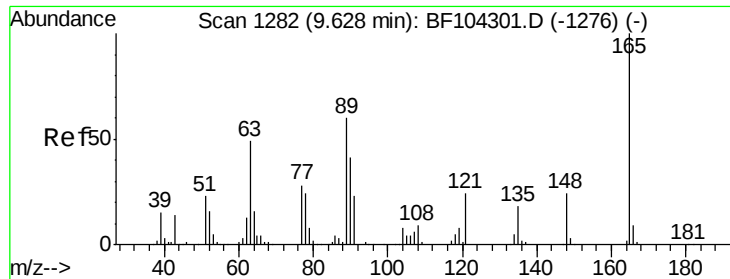
#44
 2-Fluorobiphenyl
 Concen: 96.017 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105033.D
 Acq: 2 May 2018 16:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	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

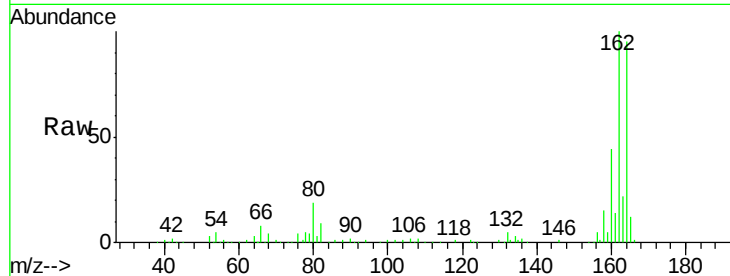




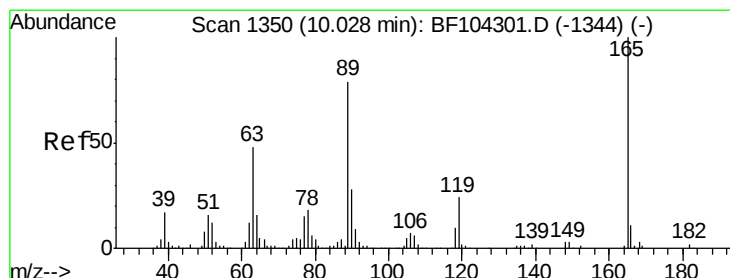
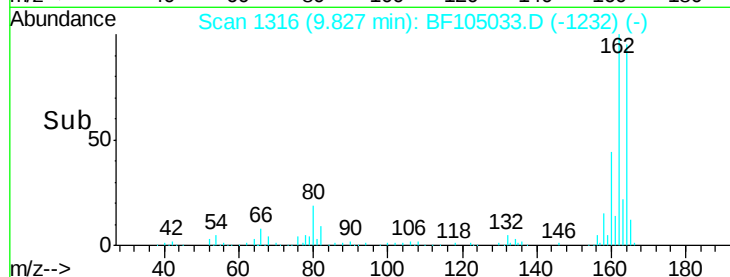
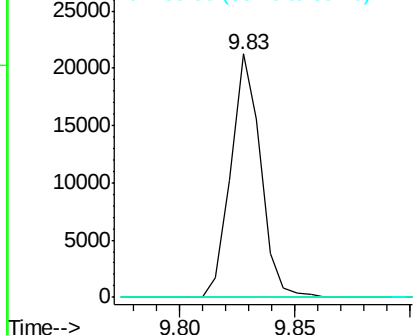
#50
 2,6-Dinitrotoluene
 Concen: 8.724 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF105033.D
 Acq: 2 May 2018 16:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

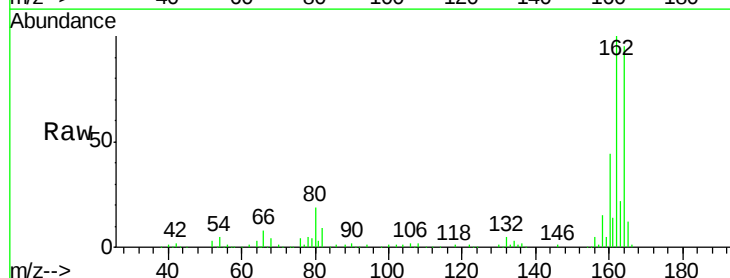


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

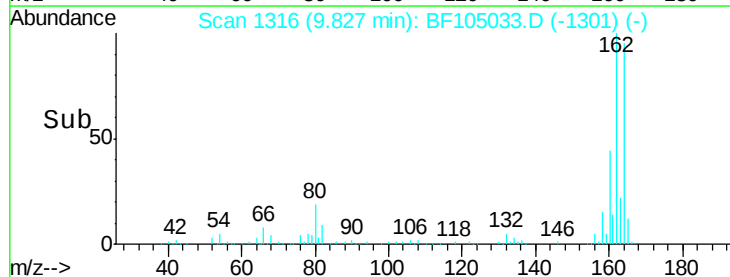
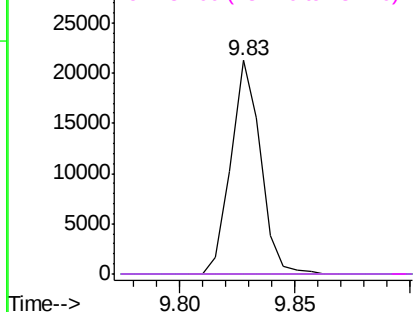


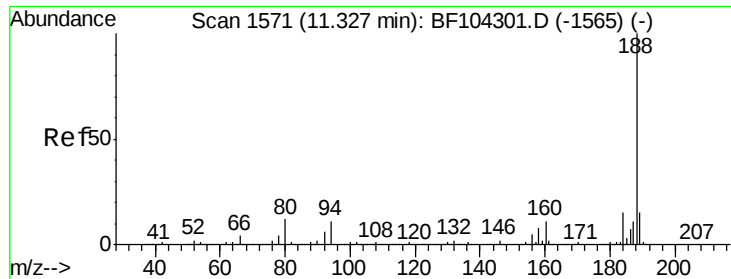
#56
 2,4-Dinitrotoluene
 Concen: 6.650 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105033.D
 Acq: 2 May 2018 16:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	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

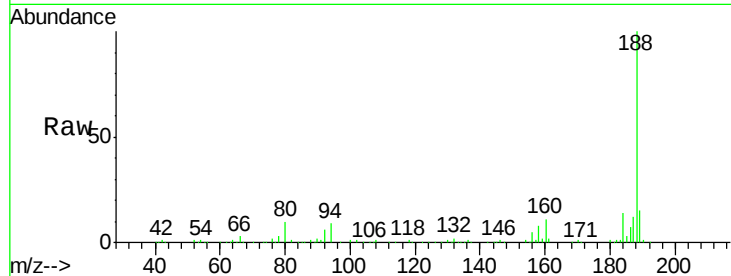




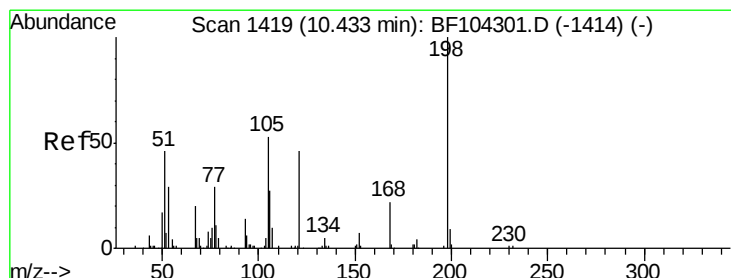
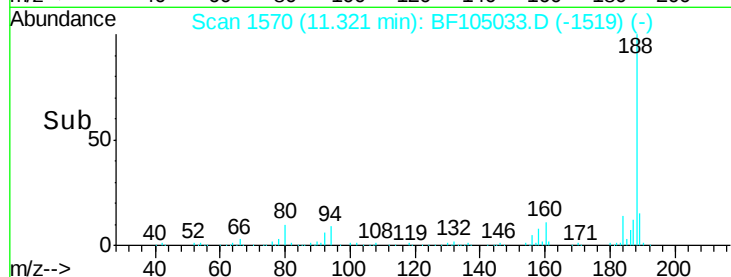
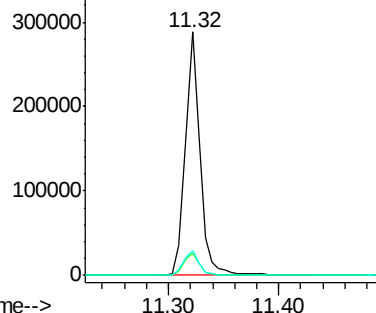
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 265772
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.1 9.2 13.8

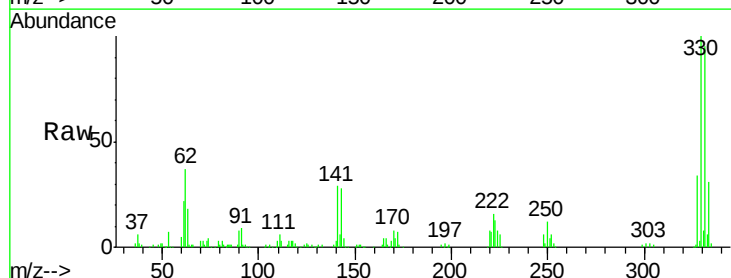


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

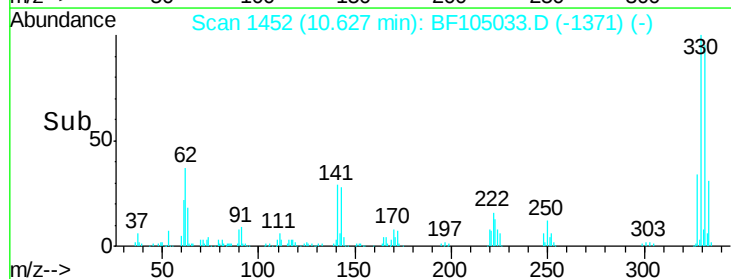
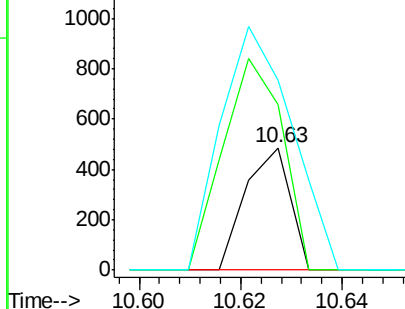


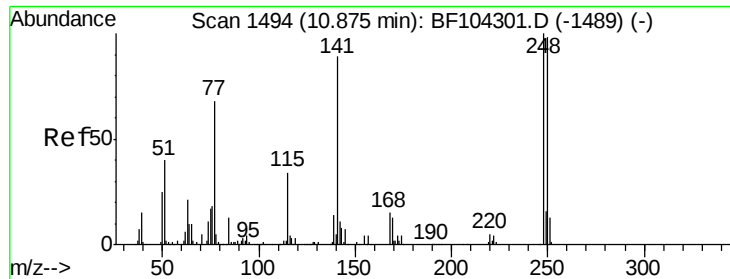
#64
4,6-Dinitro-2-methylphenol
Concen: 7.543 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.18 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:198 Resp: 299
Ion Ratio Lower Upper
198 100
51 135.2 37.7 77.7#
105 154.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

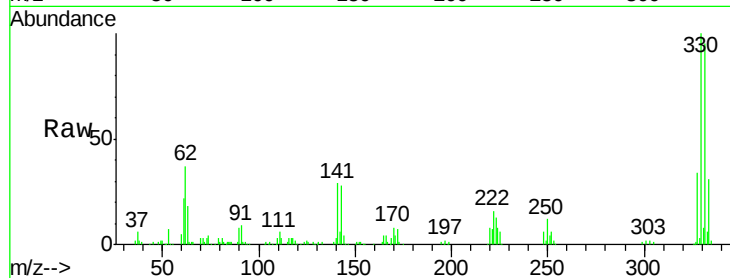




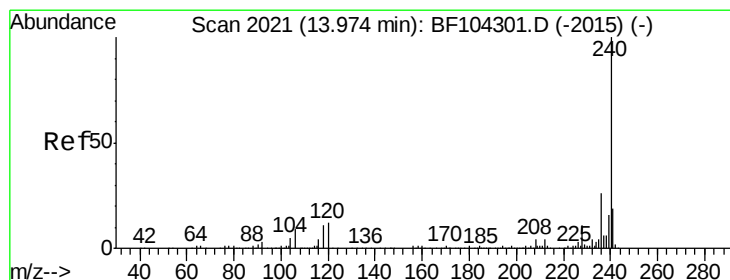
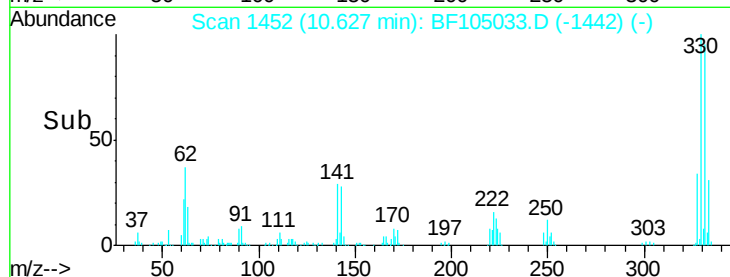
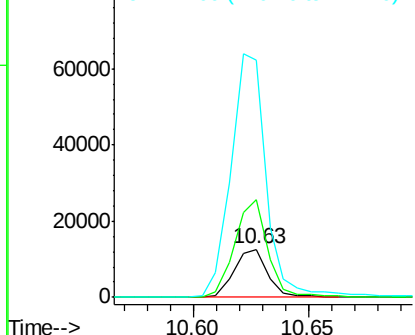
#66
4-Bromophenyl-phenylether
Concen: 4.517 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12769
Ion Ratio Lower Upper
248 100
250 203.7 76.9 115.3#
141 495.9 74.4 111.6#

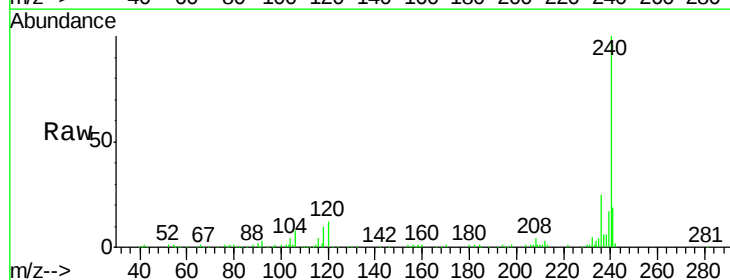


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

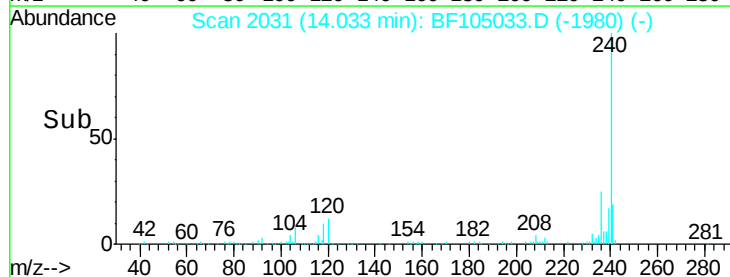
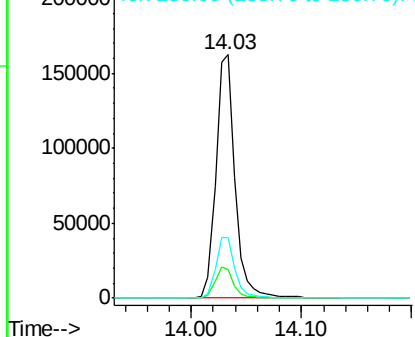


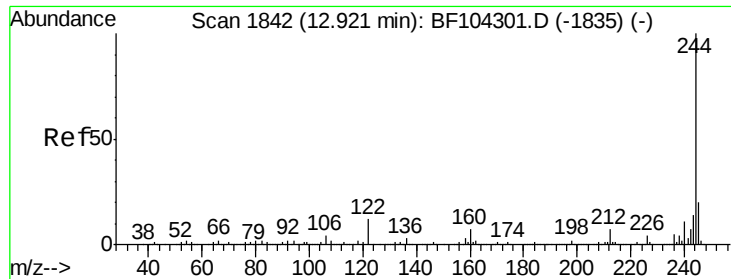
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF105033.D
Acq: 2 May 2018 16:15

Tgt Ion:240 Resp: 194072
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 24.8 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

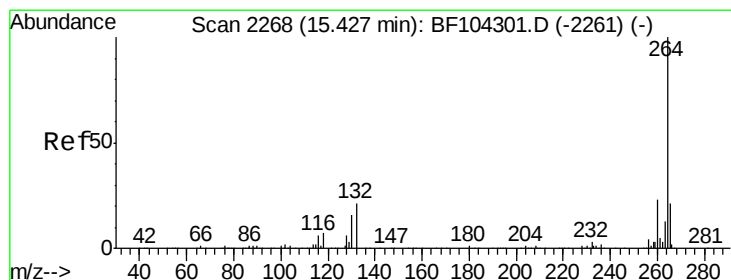
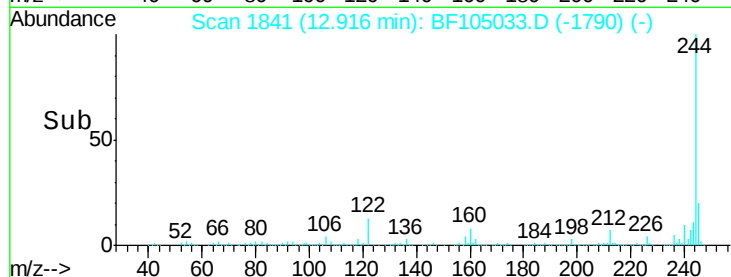
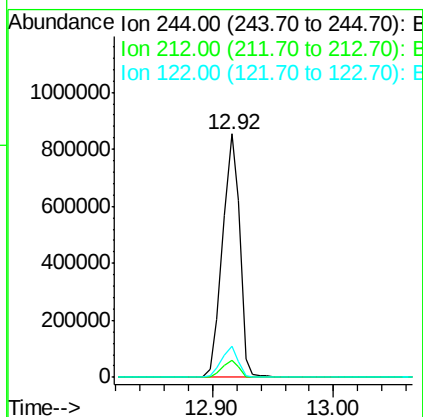
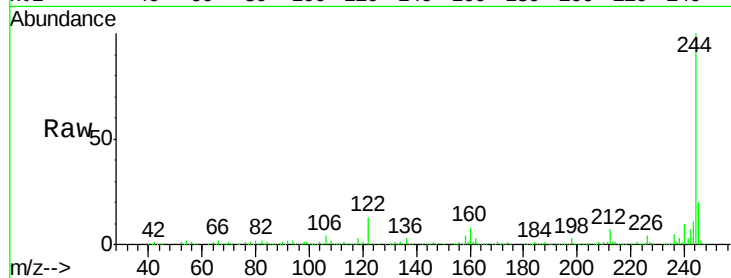




#78
 Terphenyl-d14
 Concen: 98.493 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF105033.D
 Acq: 2 May 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 838425
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.61 min Scan# 2299
 Delta R.T. 0.02 min
 Lab File: BF105033.D
 Acq: 2 May 2018 16:15

Tgt Ion:264 Resp: 176145
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.1 17.5 26.3

