

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103523.D
 Acq On : 8 Mar 2018 18:15
 Operator : SJ/JU
 Sample : J1819-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:52:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

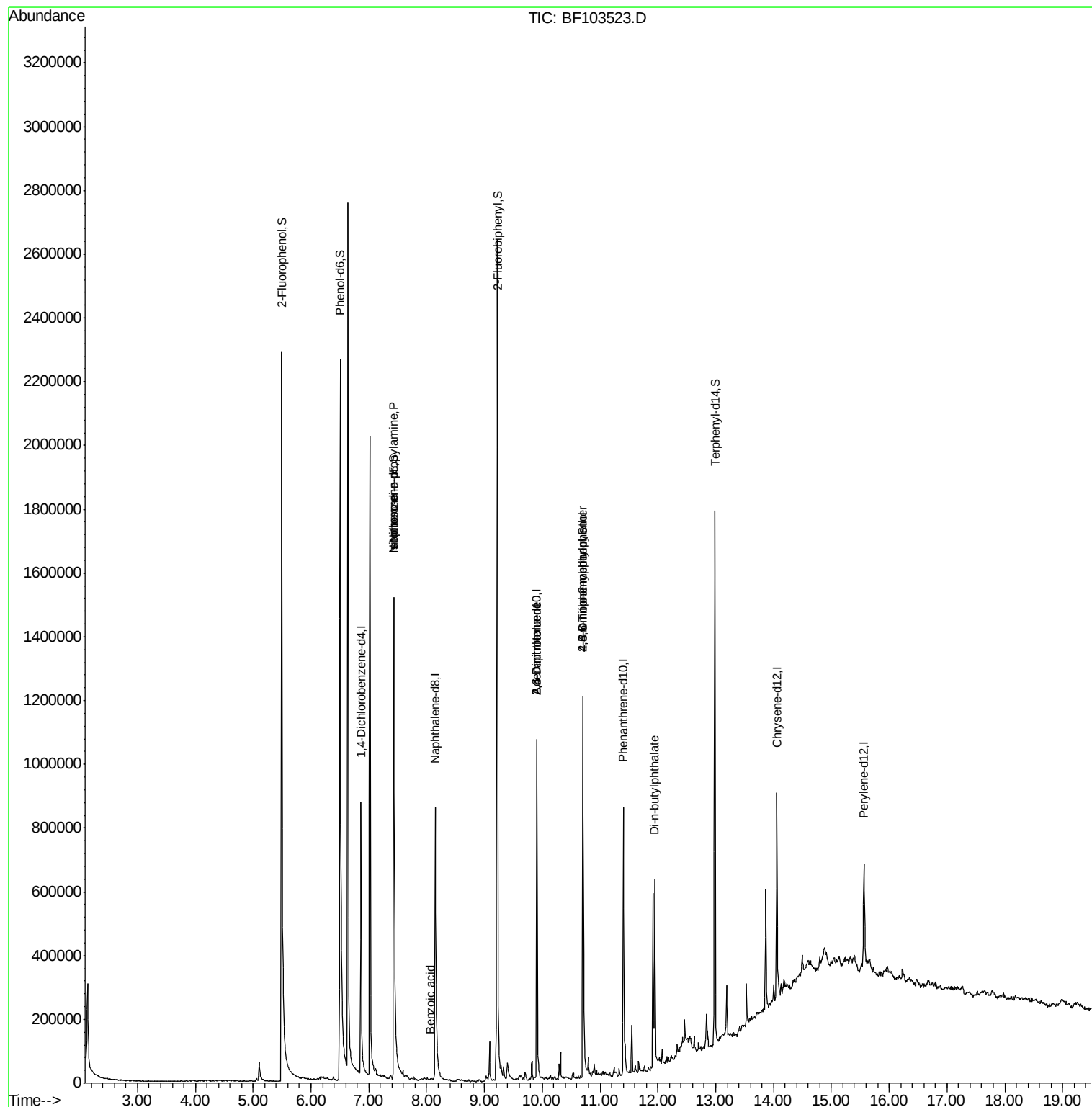
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149679	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	612490	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	243772	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	362576	20.00	ng	0.00
75) Chrysene-d12	14.06	240	243581	20.00	ng	0.00
86) Perylene-d12	15.57	264	194918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	909214	91.87	ng	0.00
7) Phenol-d6	6.50	99	1126691	93.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	729509	68.02	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	141201	68.43	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	926954	61.18	ng	0.00
78) Terphenyl-d14	12.99	244	584986	57.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1755	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	97029	12.874	ng	# 1
25) Isophorone	7.43	82	729840	34.552	ng	# 82
32) Benzoic acid	8.06	122	109	6.929	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	31514	7.679	ng	# 90
56) 2,4-Dinitrotoluene	9.90	165	31627	6.094	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.70	198	125	4.996	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	10204	2.702	ng	# 1
73) Di-n-butylphthalate	11.94	149	253060	9.925	ng	# 99

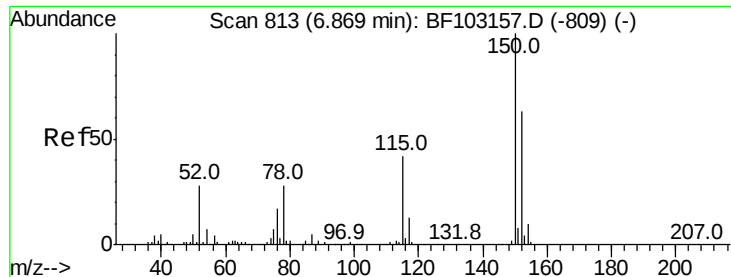
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103523.D
Acq On : 8 Mar 2018 18:15
Operator : SJ/JU
Sample : J1819-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 08 23:52:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration



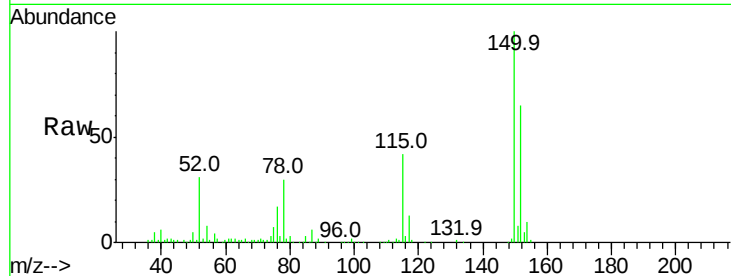


#1

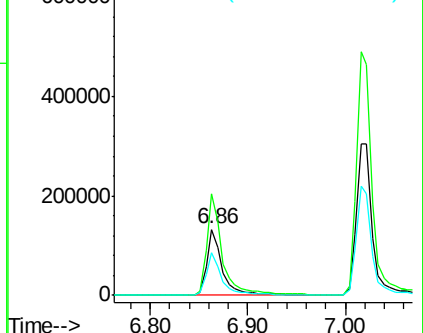
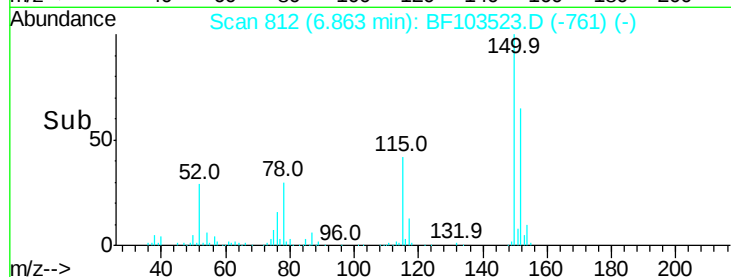
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149679
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 64.4 50.1 75.1



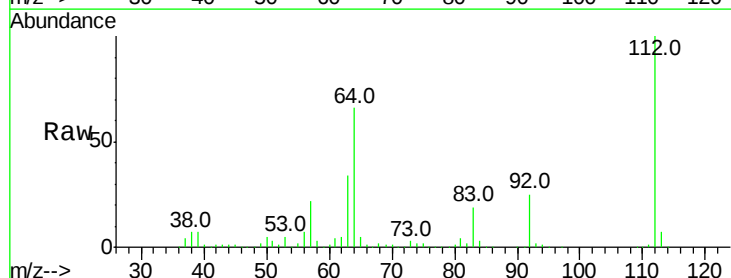
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



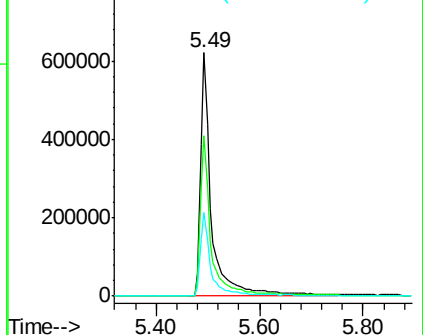
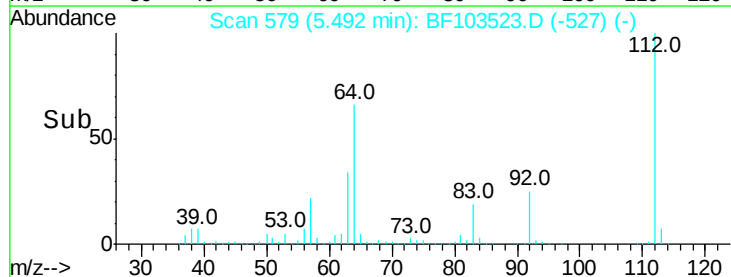
#5

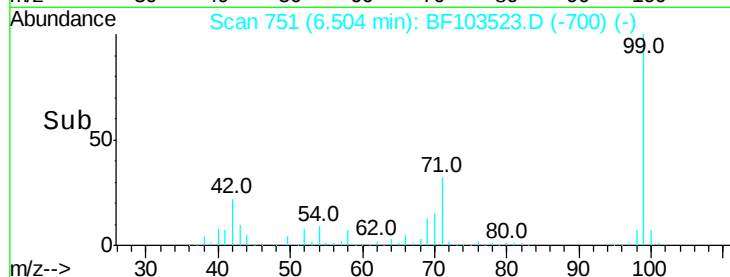
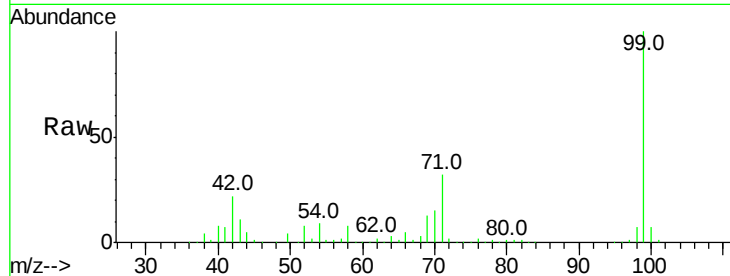
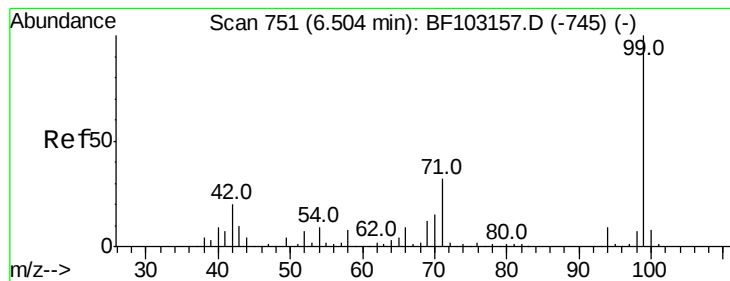
2-Fluorophenol
Concen: 91.871 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Tgt Ion:112 Resp: 909214
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 34.4 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: 93.038 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103523.D

Acq: 8 Mar 2018 18:15

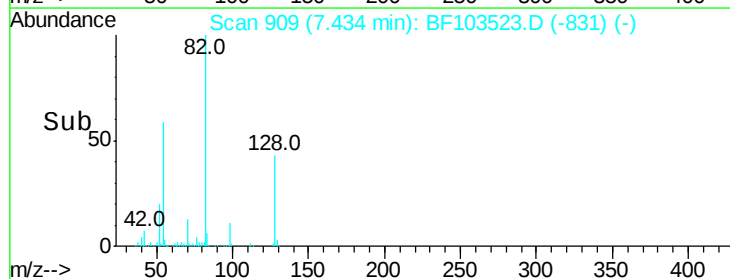
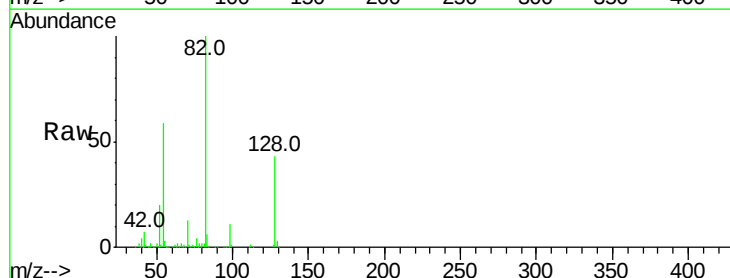
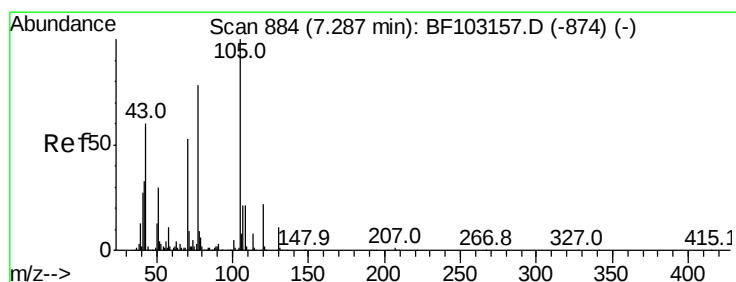
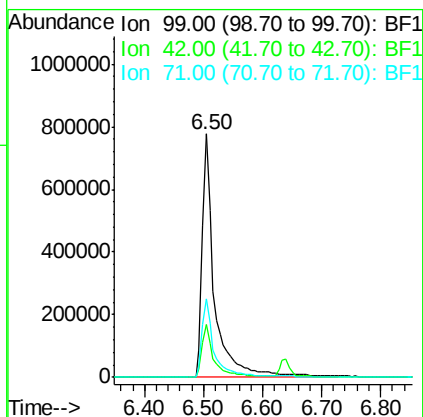
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1126691

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	32.5	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.874 ng

RT: 7.43 min Scan# 909

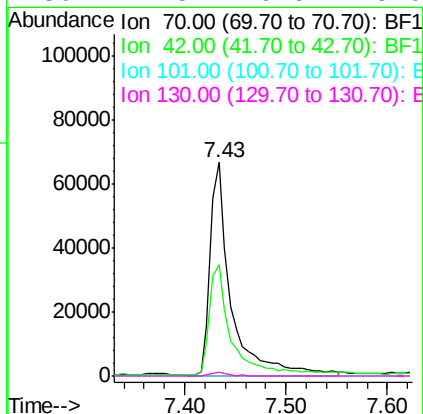
Delta R.T. 0.16 min

Lab File: BF103523.D

Acq: 8 Mar 2018 18:15

Tgt Ion: 70 Resp: 97029

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

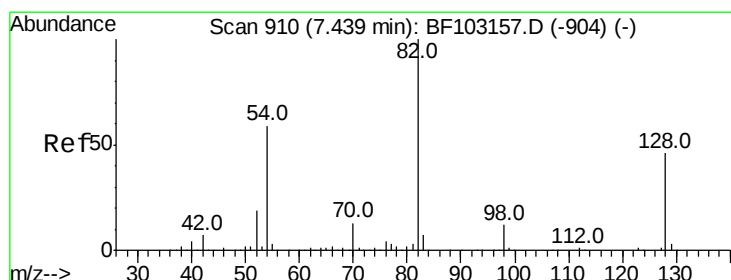
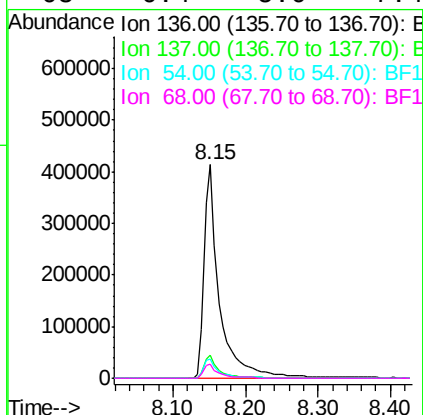
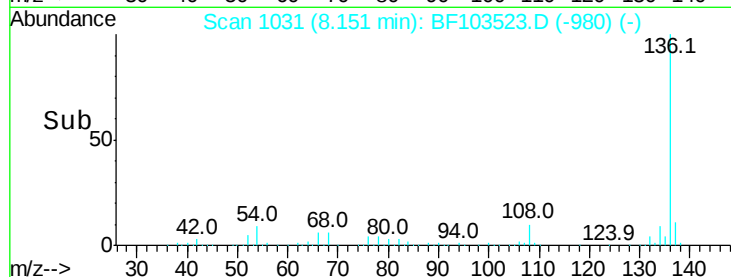
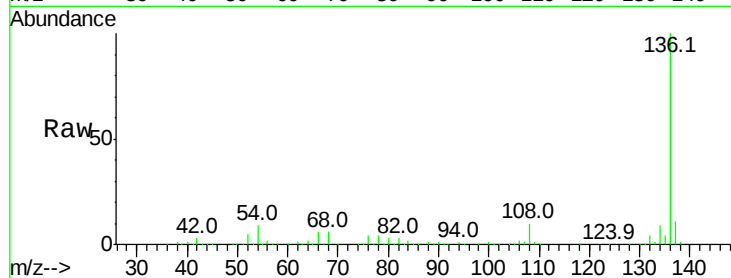




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

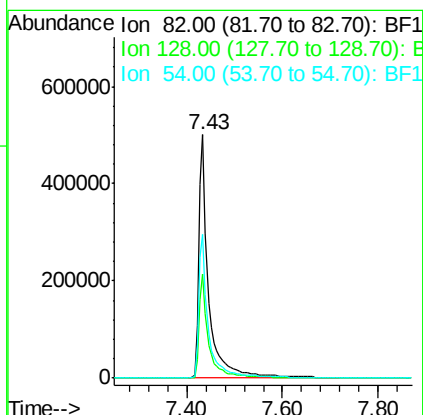
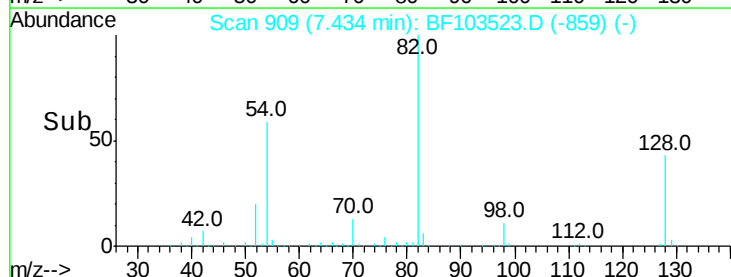
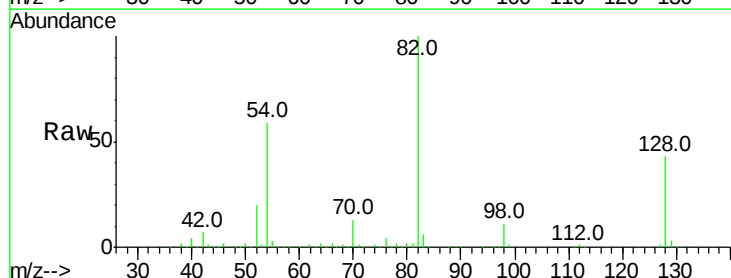
Instrument :
BNA_F
ClientSampleId :

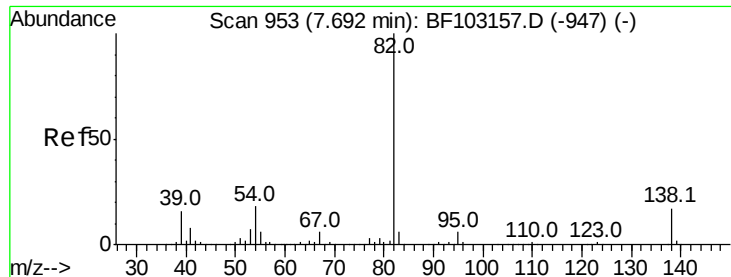
Tot Ion:	136	Resp:	612490
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 68.019 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Tgt Ion:	82	Resp:	729509
Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	59.2	41.4	62.2





#25

Isophorone

Concen: 34.552 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103523.D

Acq: 8 Mar 2018 18:15

Instrument :

BNA_F

ClientSampleId :

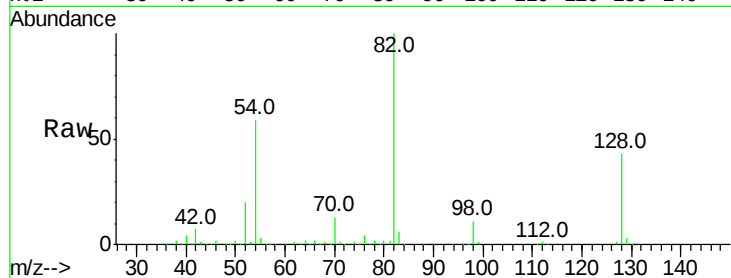
Tot Ion: 82 Resp: 729840

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

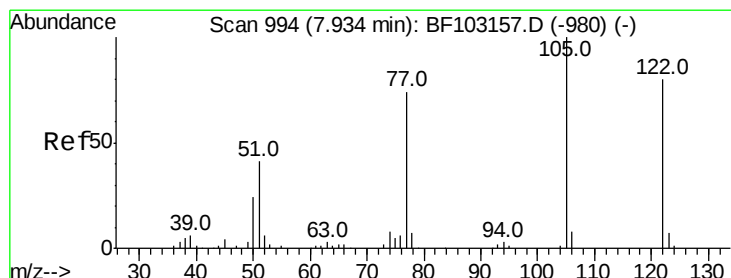
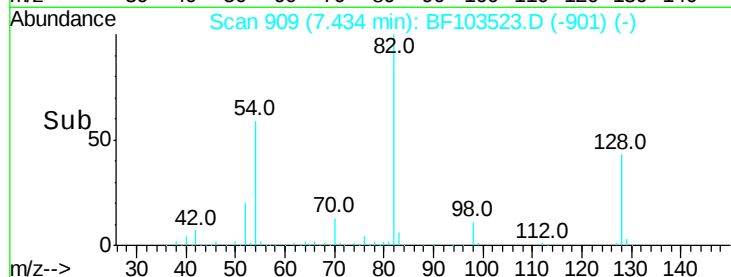
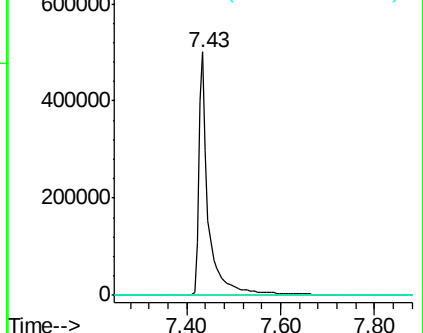
138 0.0 14.9 22.3#



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: 6.929 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.09 min

Lab File: BF103523.D

Acq: 8 Mar 2018 18:15

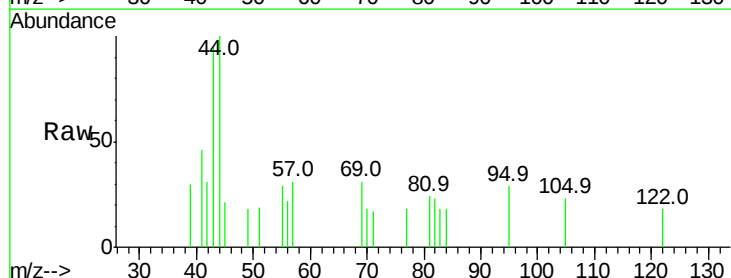
Tgt Ion:122 Resp: 109

Ion Ratio Lower Upper

122 100

105 131.3 101.1 141.1

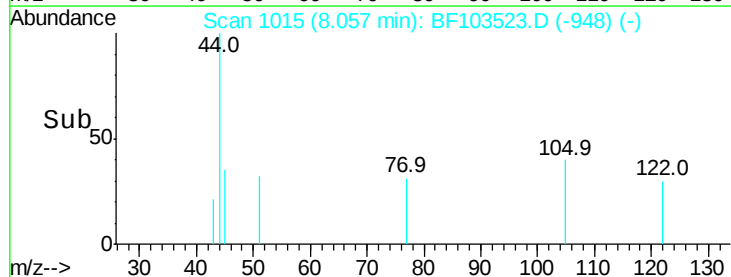
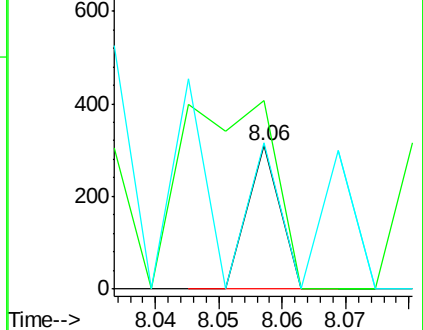
77 101.6 70.7 110.7

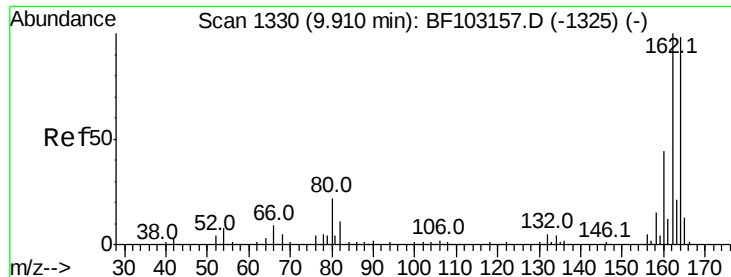


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

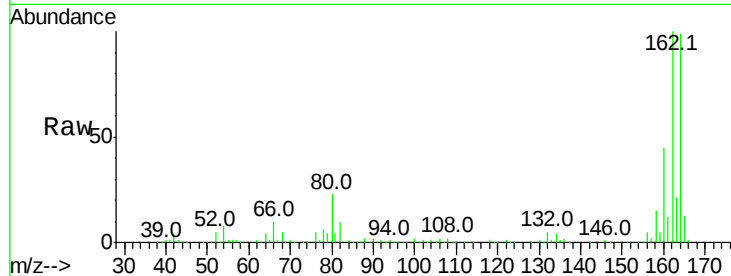




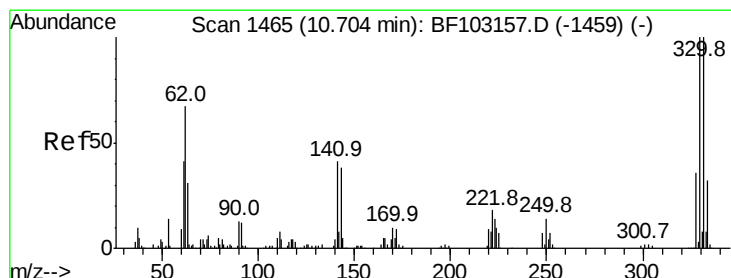
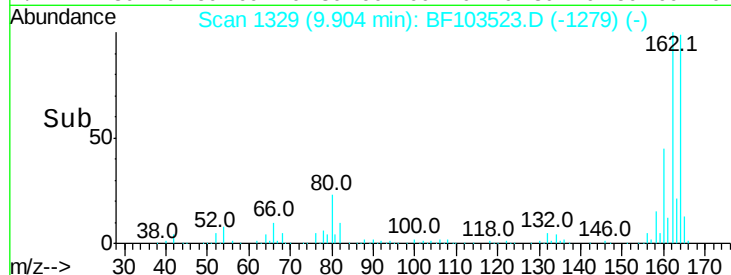
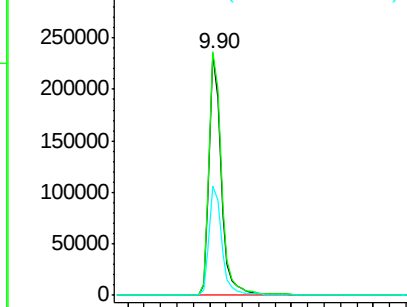
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 243772
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 45.4 38.3 57.5

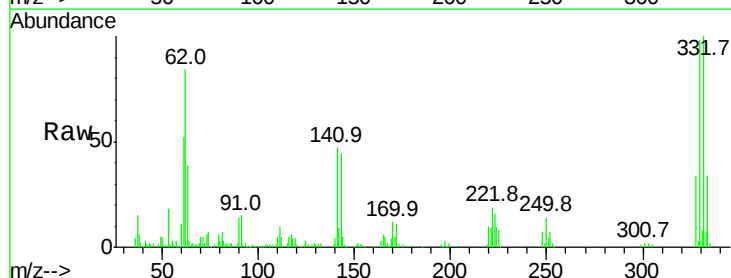


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

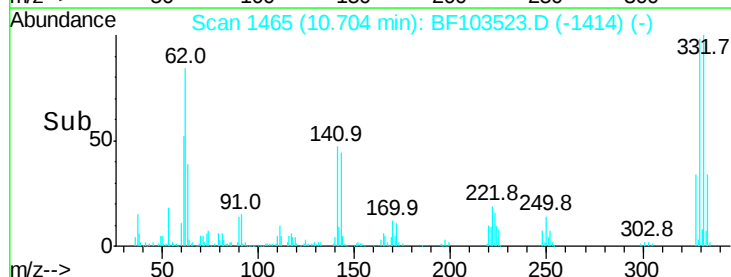
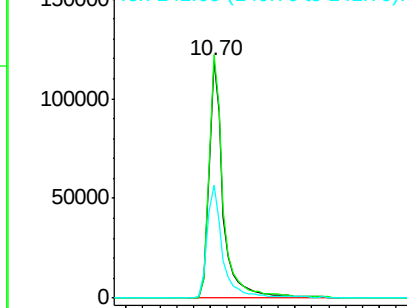


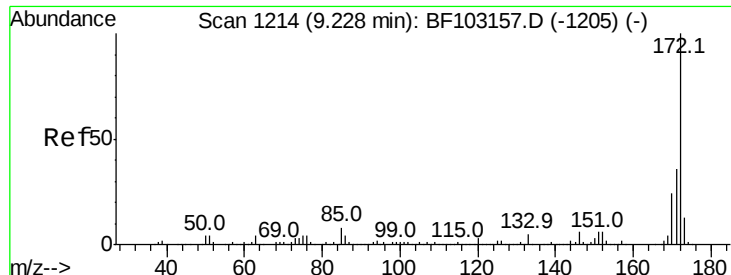
#41
2,4,6-Tribromophenol
Concen: 68.431 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Tgt Ion:330 Resp: 141201
Ion Ratio Lower Upper
330 100
332 102.7 77.0 115.6
141 50.9 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

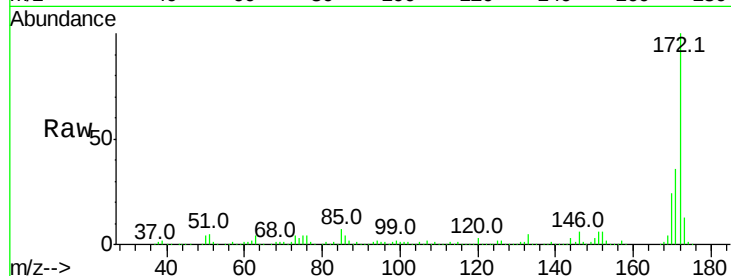




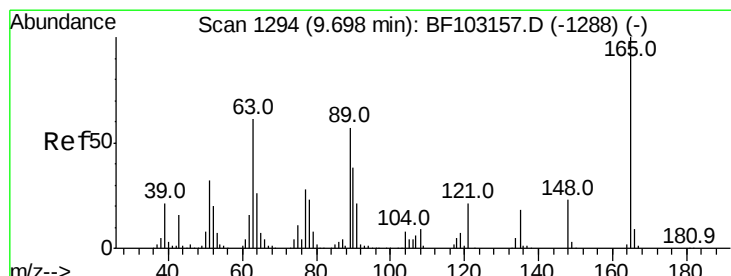
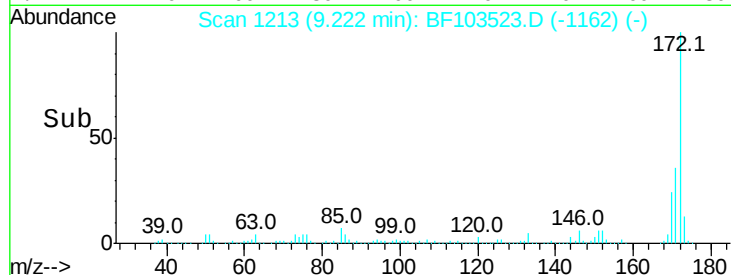
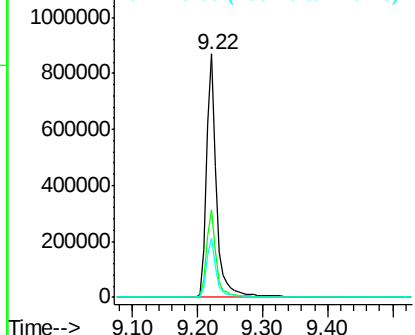
#44
2-Fluorobiphenyl
Concen: 61.180 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 926954
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.4 19.6 29.4

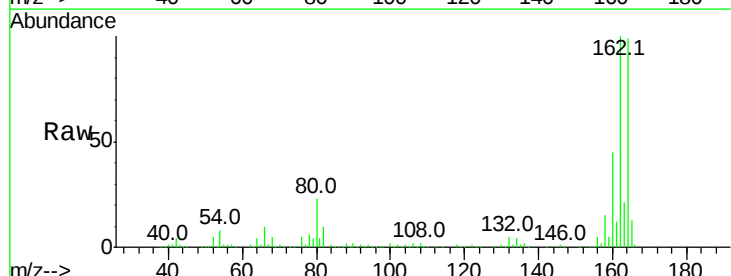


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

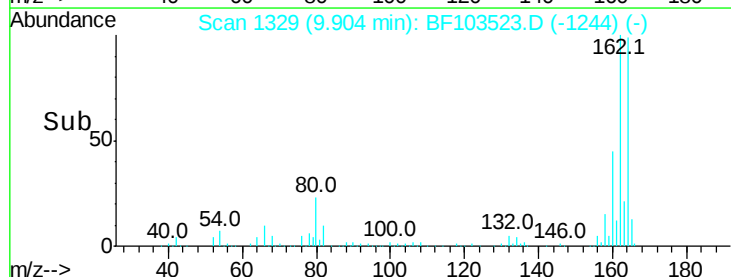
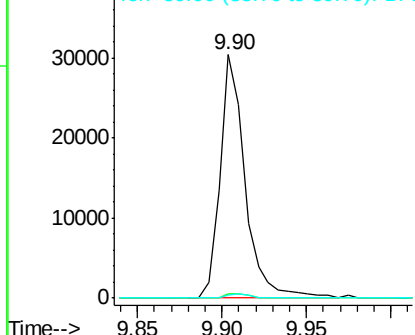


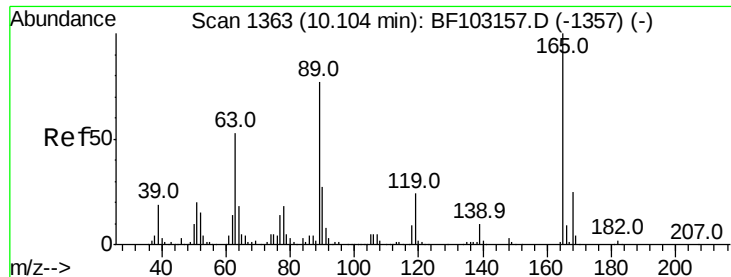
#50
2,6-Dinitrotoluene
Concen: 7.679 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Tgt Ion:165 Resp: 31514
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.2 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

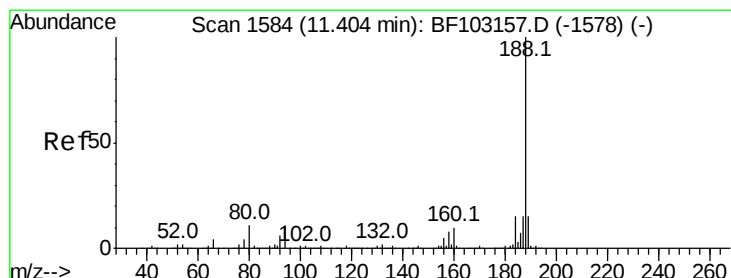
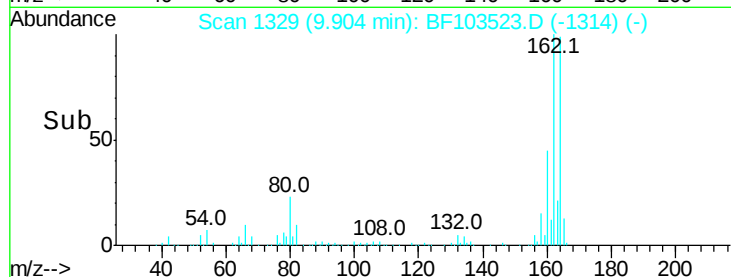
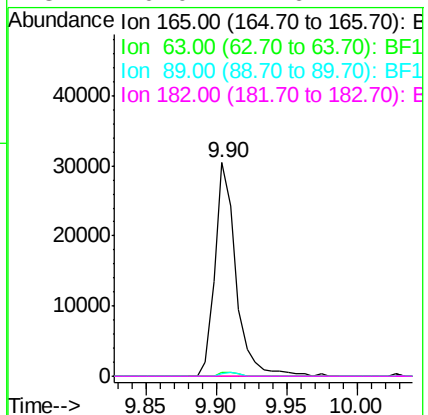
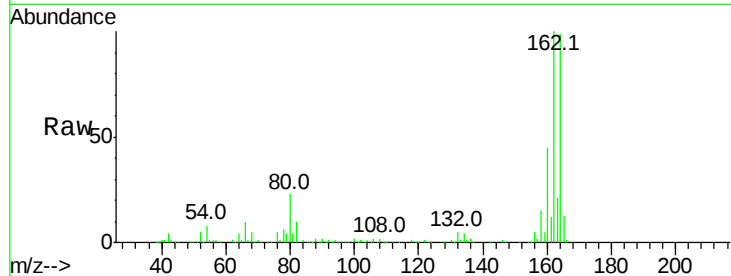




#56
 2,4-Dinitrotoluene
 Concen: 6.094 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF103523.D
 Acq: 8 Mar 2018 18:15

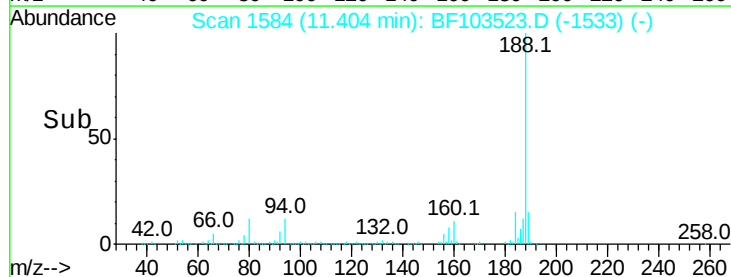
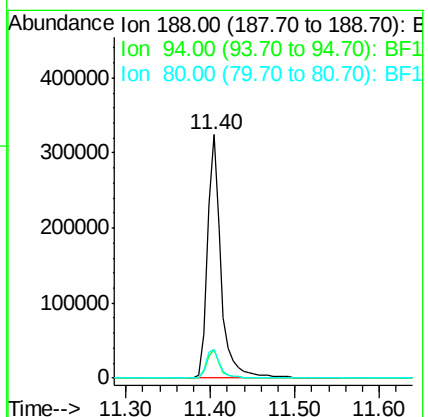
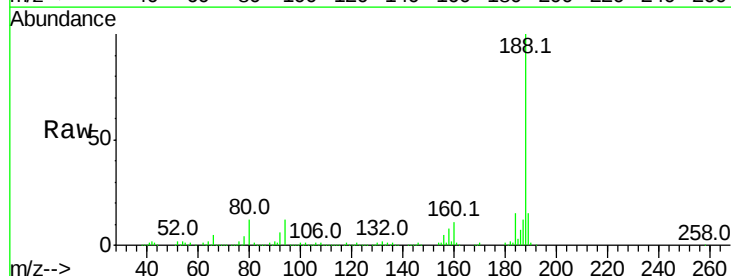
Instrument :
 BNA_F
 ClientSampleId :

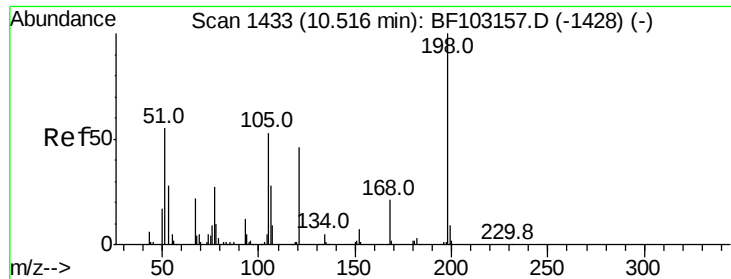
Tot Ion:165 Resp: 31627
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103523.D
 Acq: 8 Mar 2018 18:15

Tgt Ion:188 Resp: 362576
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 11.6 9.2 13.8

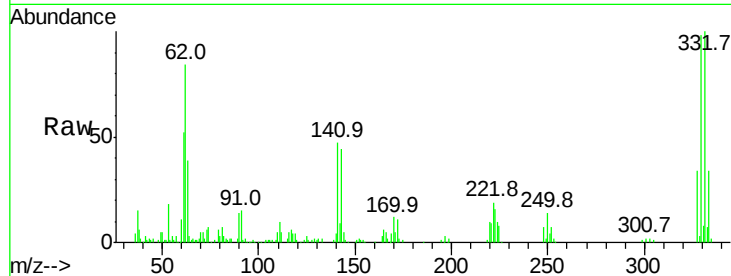




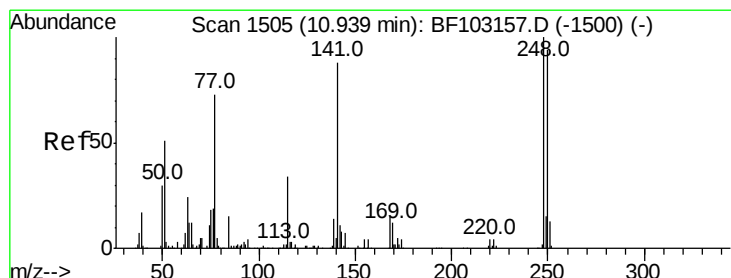
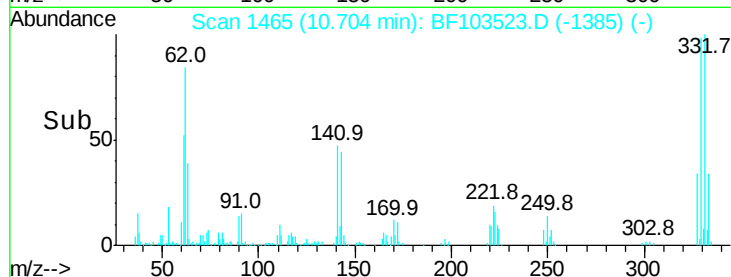
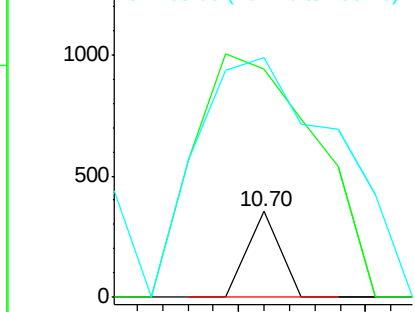
#64
4,6-Dinitro-2-methylphenol
Concen: 4.996 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 125
Ion Ratio Lower Upper
198 100
51 266.9 37.7 77.7#
105 279.3 36.3 76.3#

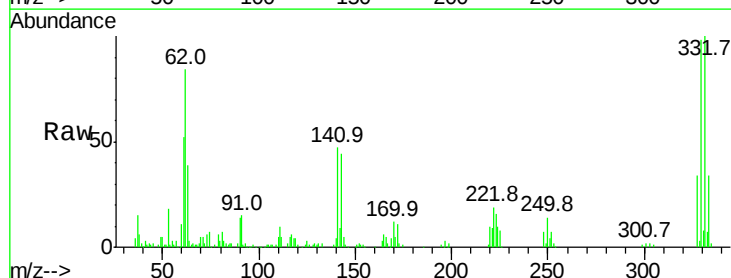


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

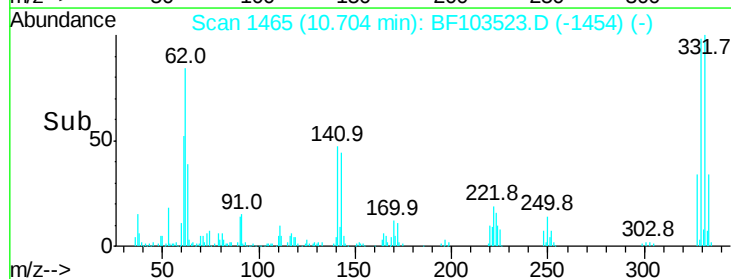
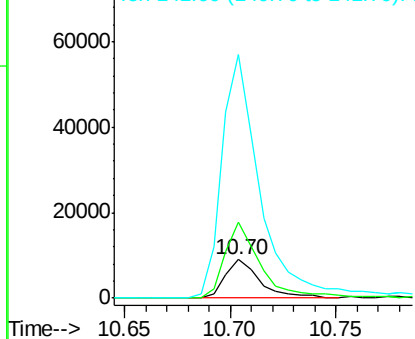


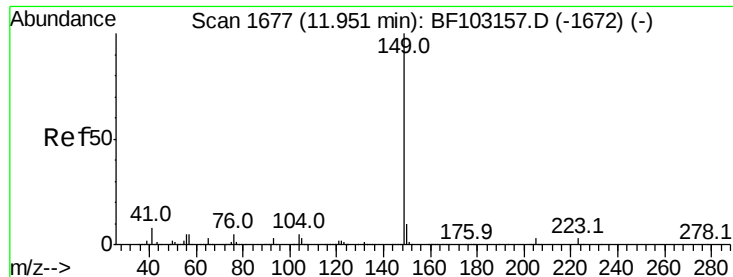
#66
4-Bromophenyl-phenylether
Concen: 2.702 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Tgt Ion:248 Resp: 10204
Ion Ratio Lower Upper
248 100
250 194.8 76.9 115.3#
141 628.8 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

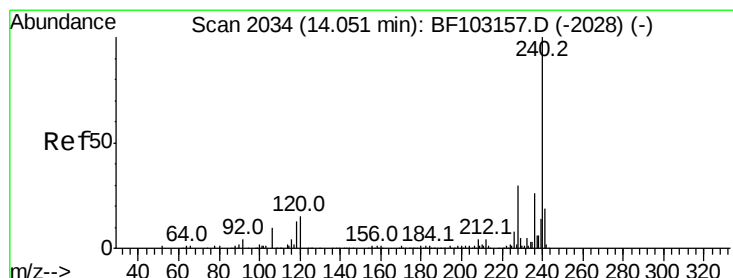
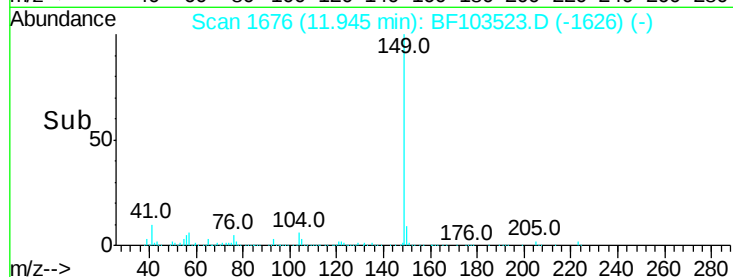
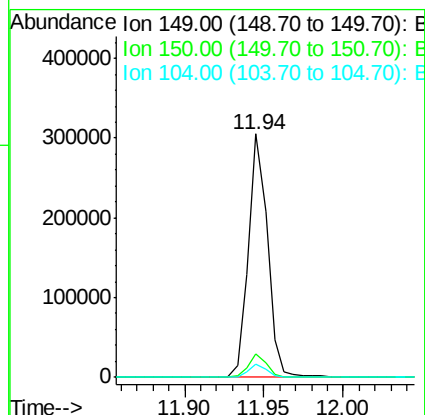
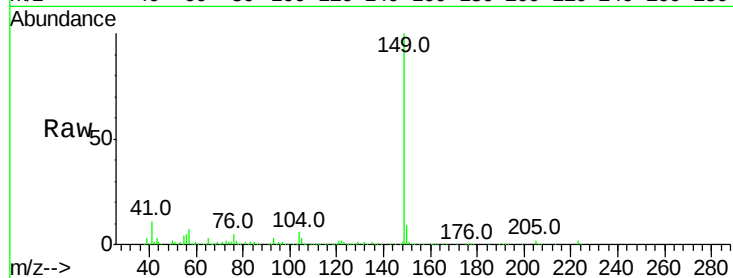




#73
Di-n-butylphthalate
Concen: 9.925 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

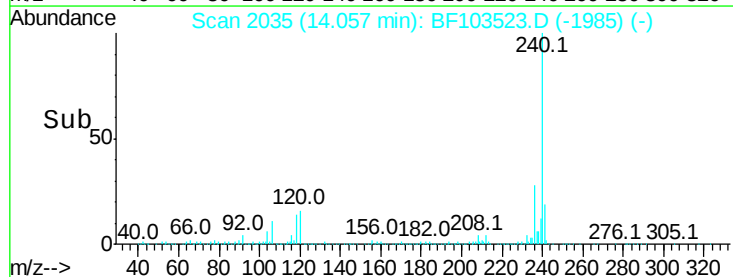
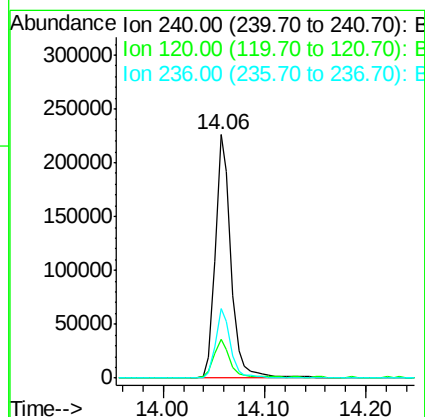
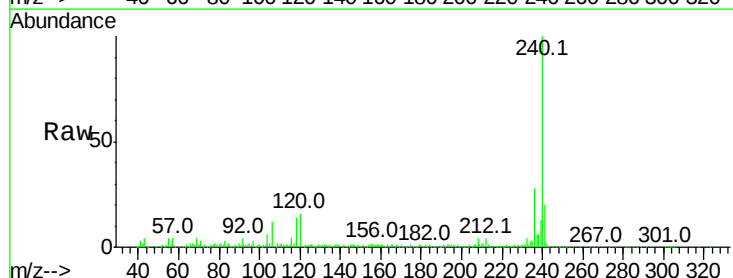
Instrument :
BNA_F
ClientSampleId :

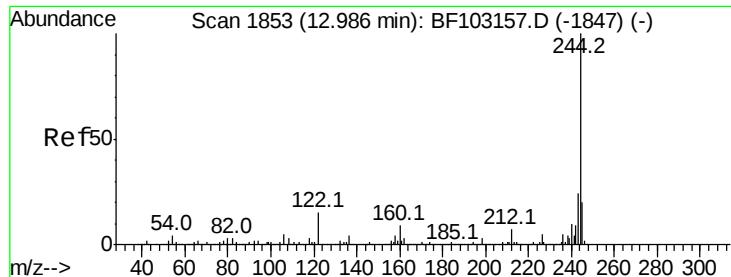
Tot Ion:149 Resp: 253060
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.5 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103523.D
Acq: 8 Mar 2018 18:15

Tgt Ion:240 Resp: 243581
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 28.4 20.7 31.1





#78

Terphenyl-d14

Concen: 57.731 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103523.D

Acq: 8 Mar 2018 18:15

Instrument :

BNA_F

ClientSampleId :

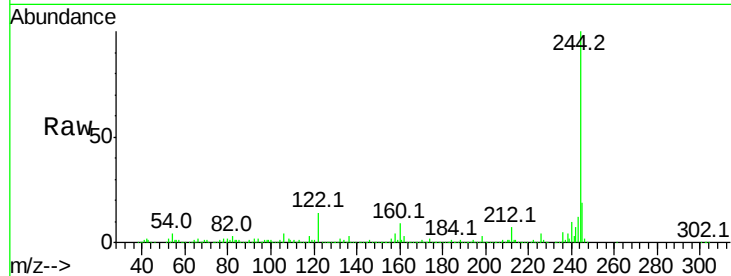
Tot Ion:244 Resp: 584986

Ion Ratio Lower Upper

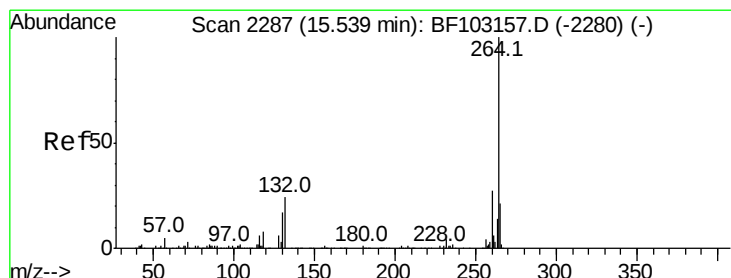
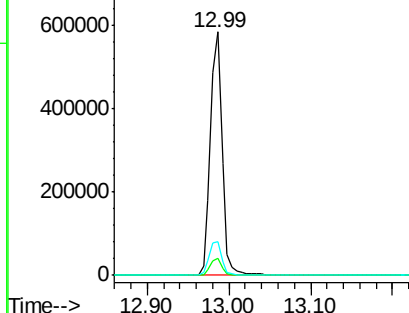
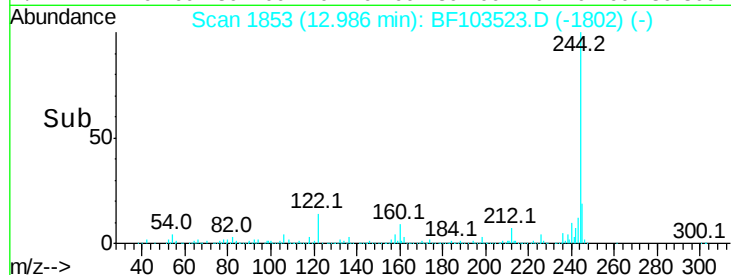
244 100

212 7.0 5.4 8.0

122 13.9 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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103523.D

Acq: 8 Mar 2018 18:15

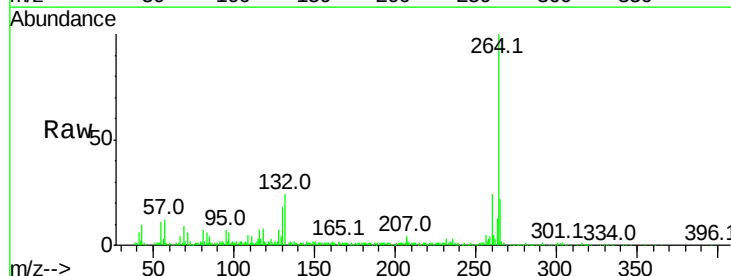
Tgt Ion:264 Resp: 194918

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 22.3 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

