

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022818\
 Data File : BF103320.D
 Acq On : 1 Mar 2018 3:51
 Operator : SJ/JU
 Sample : J1705-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 05:52:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

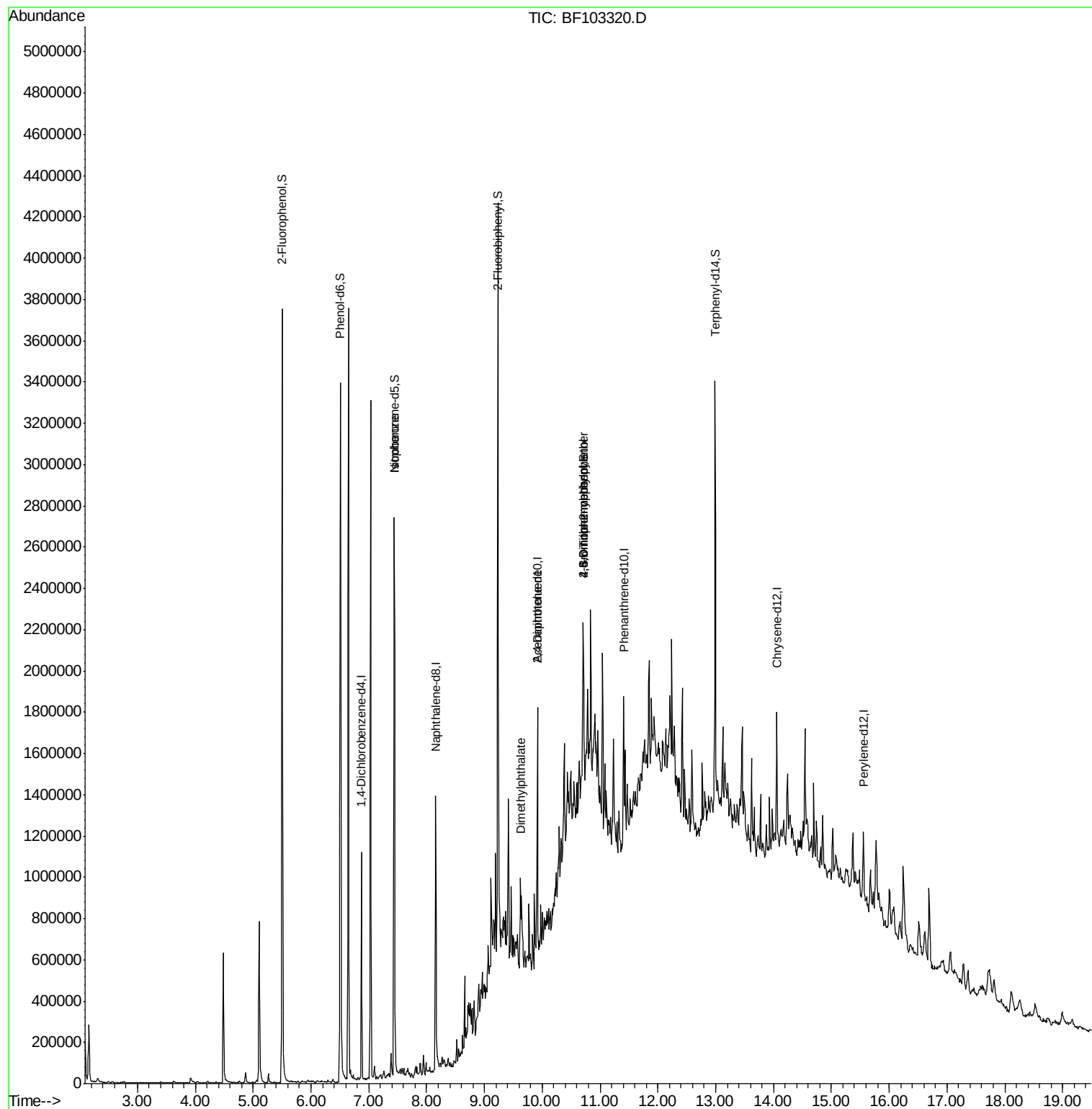
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149393	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	615311	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	230643	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	318983	20.00	ng	0.00
75) Chrysene-d12	14.06	240	244523	20.00	ng	0.00
86) Perylene-d12	15.56	264	190184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1056803	106.99	ng	0.01
7) Phenol-d6	6.51	99	1415801	117.14	ng	0.00
23) Nitrobenzene-d5	7.44	82	954417	88.58	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	124203	63.62	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1290197	100.63	ng	0.00
78) Terphenyl-d14	12.99	244	861386	84.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	2515	Below Cal		Qvalue
25) Isophorone	7.44	82	954411	44.976	ng	# 1
49) Dimethylphthalate	9.62	163	106062	5.732	ng	# 64
56) 2,4-Dinitrotoluene	9.92	165	31008	6.314	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.71	198	142	5.011	ng	# 23
66) 4-Bromophenyl-phenylether	10.71	248	8383	2.523	ng	# 1

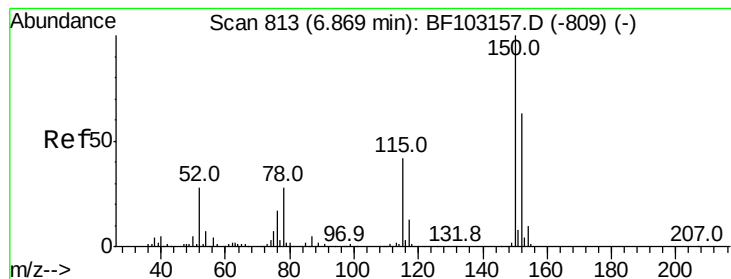
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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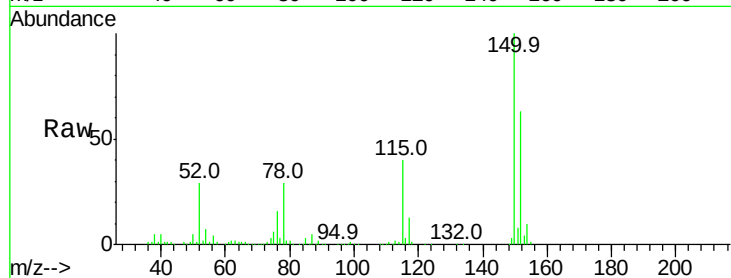


#1

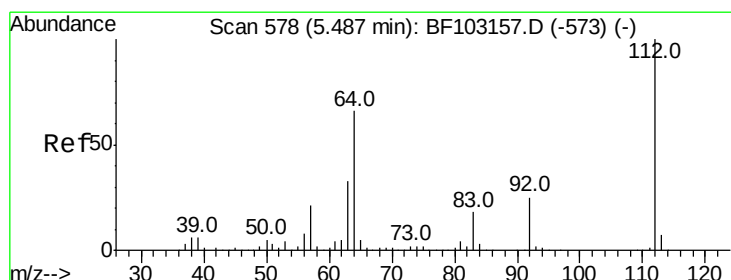
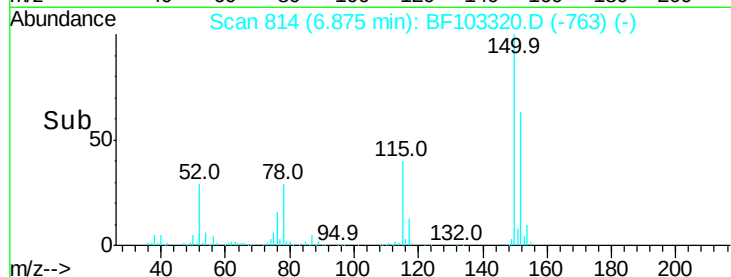
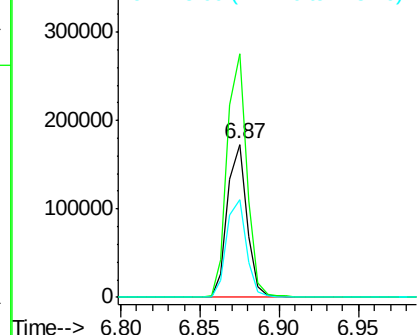
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149393
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 63.9 50.1 75.1



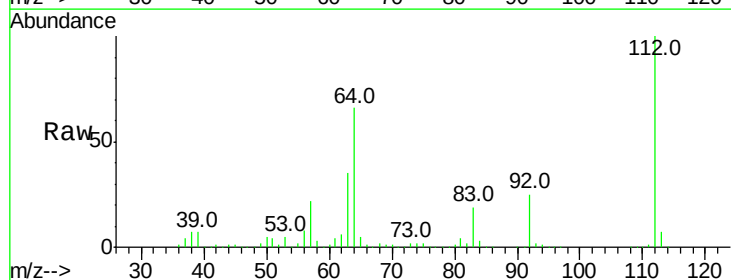
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



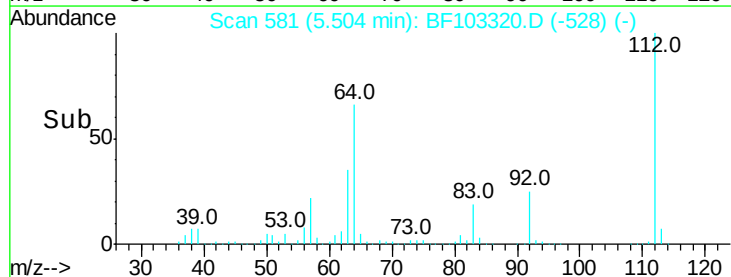
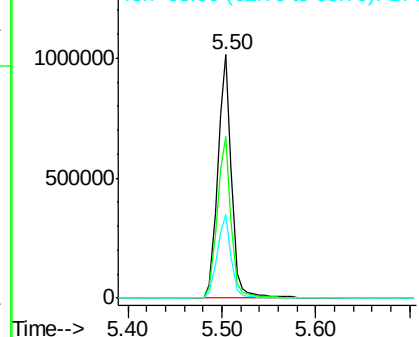
#5

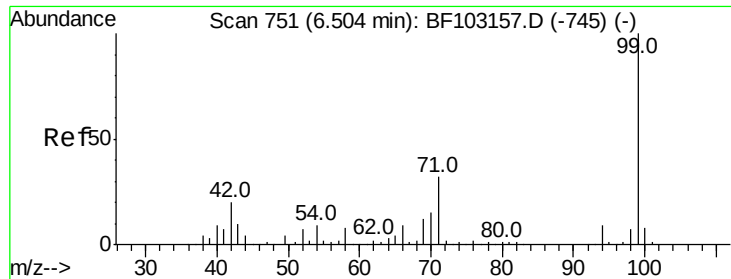
2-Fluorophenol
Concen: 106.989 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

Tgt Ion:112 Resp: 1056803
Ion Ratio Lower Upper
112 100
64 66.2 47.9 71.9
63 34.6 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: 117.136 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

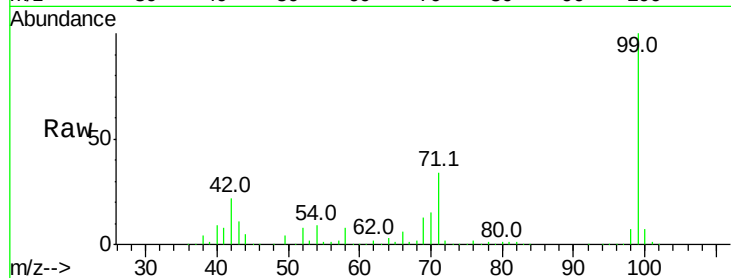
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1415801

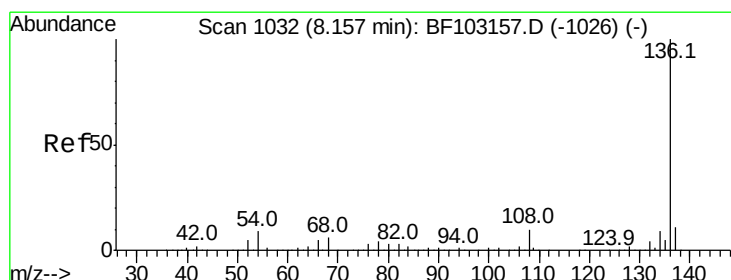
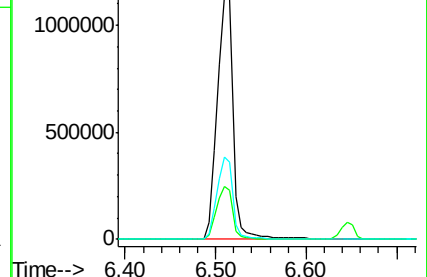
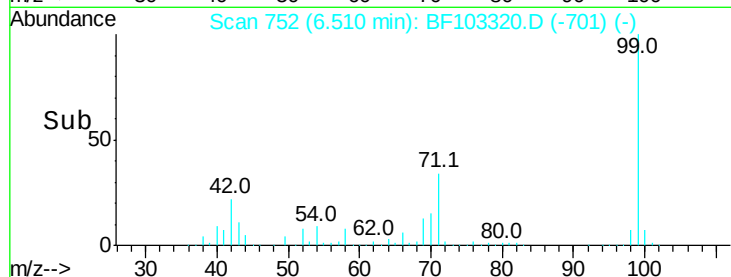
Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	34.0	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

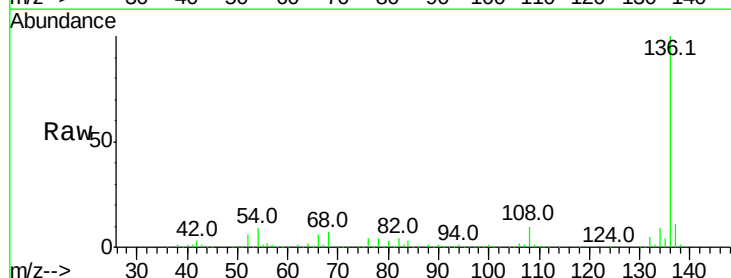
Delta R.T. -0.00 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

Tgt Ion: 136 Resp: 615311

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.4	6.6	9.8
68	6.8	5.0	7.4

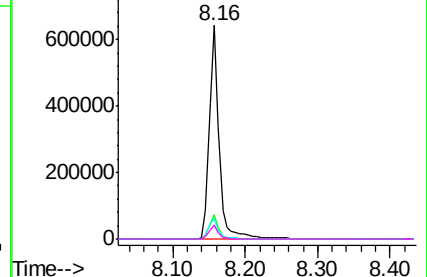
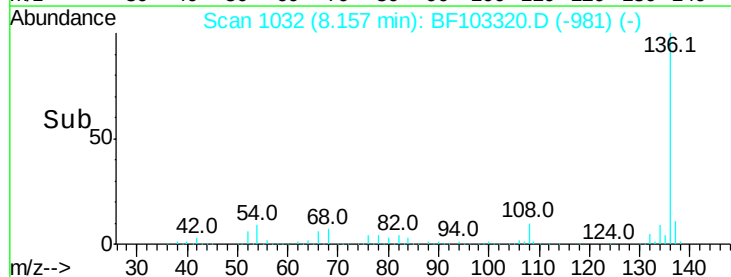


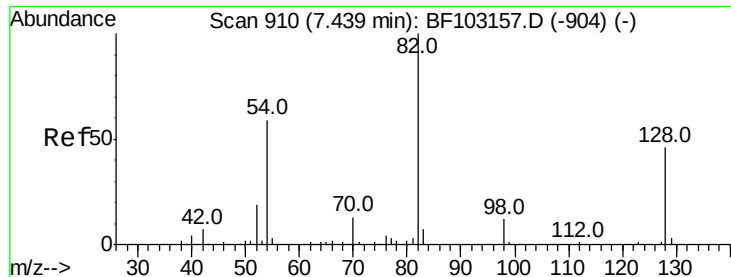
Abundance Ion 136.00 (135.70 to 136.70): E

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

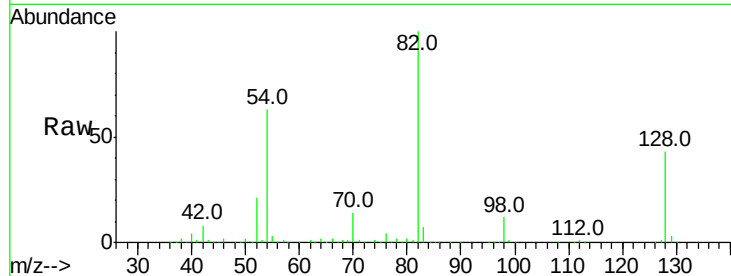




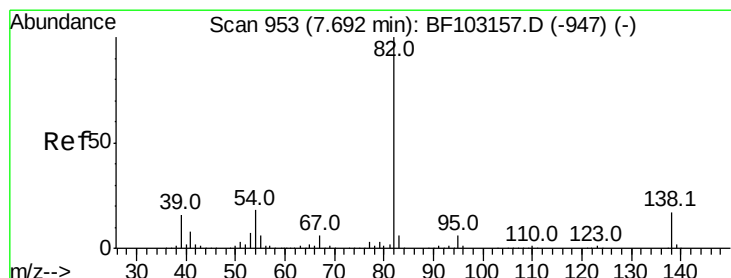
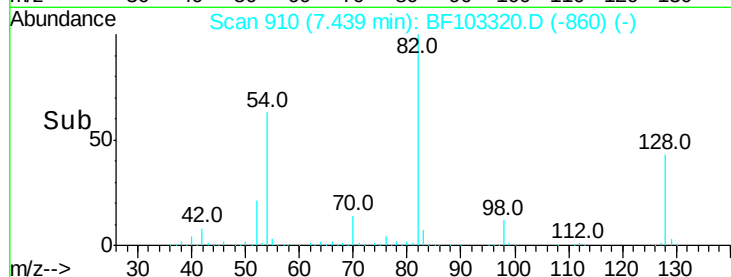
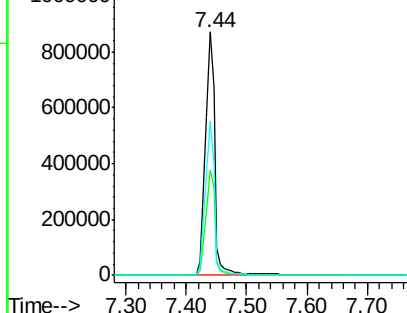
#23
Nitrobenzene-d5
Concen: 88.582 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 954417
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 63.4 41.4 62.2#

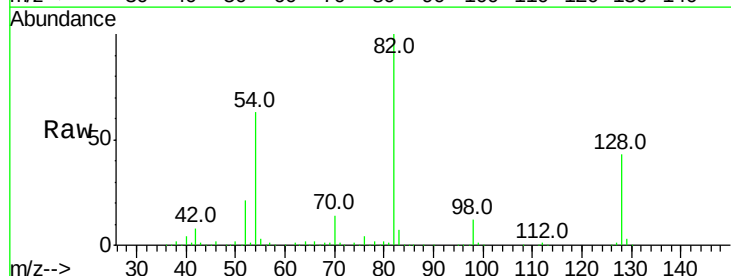


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

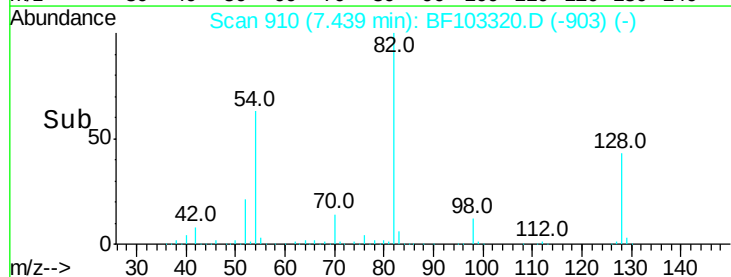
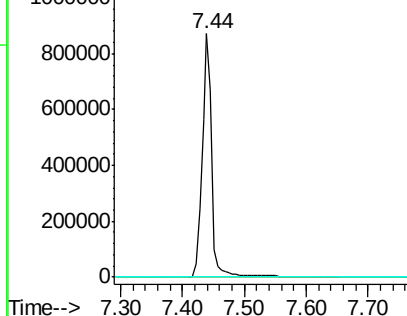


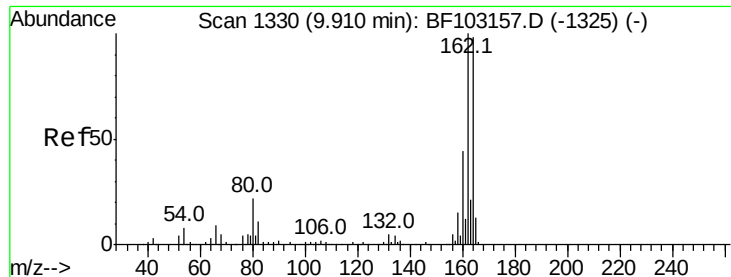
#25
Isophorone
Concen: 44.976 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

Tgt Ion: 82 Resp: 954411
Ion Ratio Lower Upper
82 100
95 0.1 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

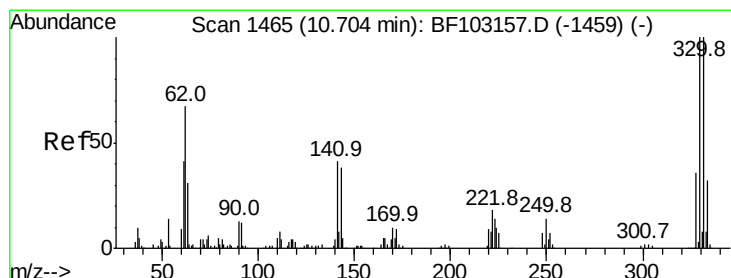
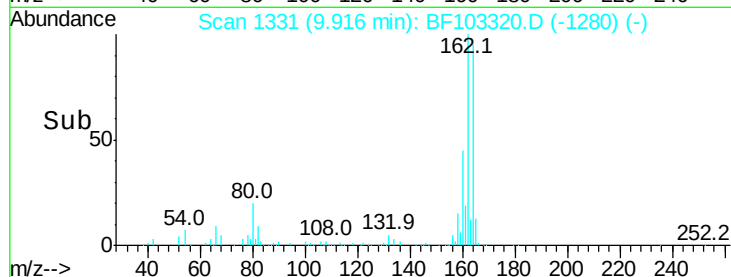
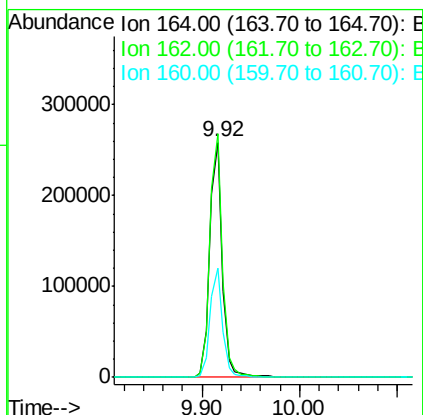
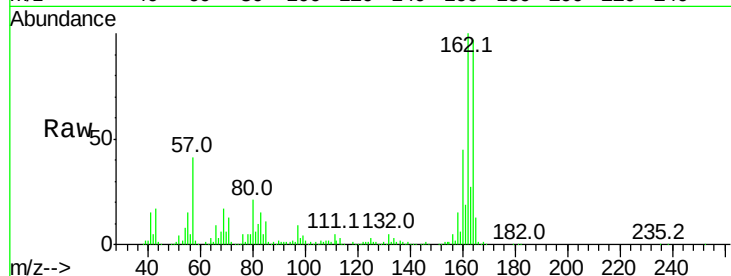




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

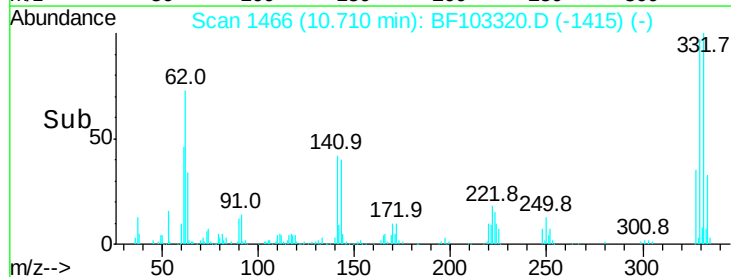
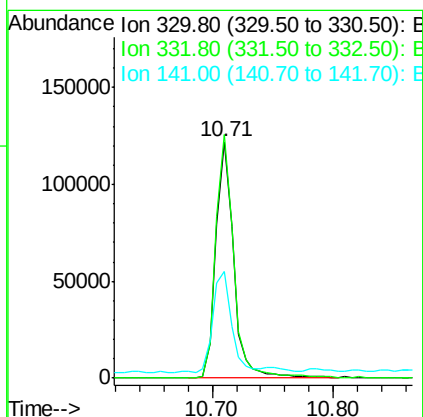
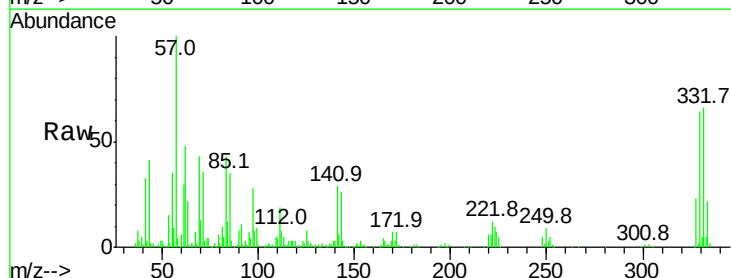
Instrument :
BNA_F
ClientSampleId :

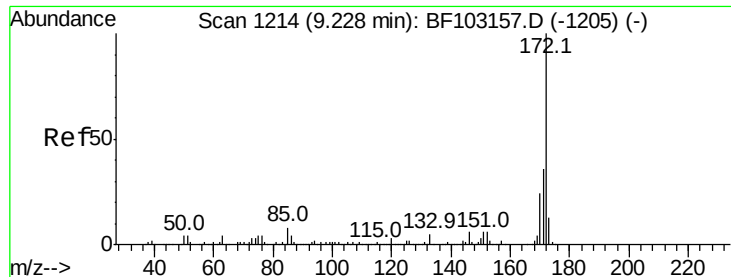
Tot Ion:164 Resp: 230643
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 46.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 63.620 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

Tgt Ion:330 Resp: 124203
Ion Ratio Lower Upper
330 100
332 103.3 77.0 115.6
141 44.5 29.9 44.9

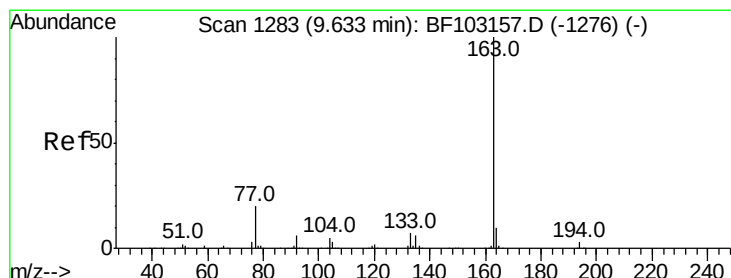
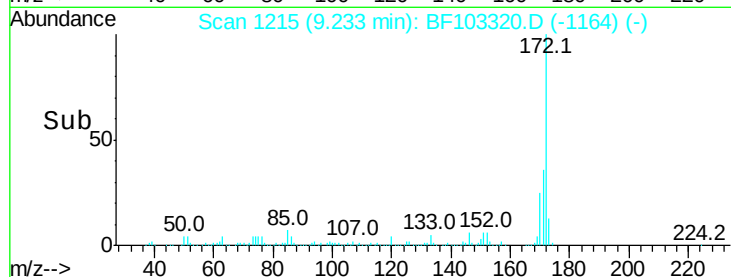
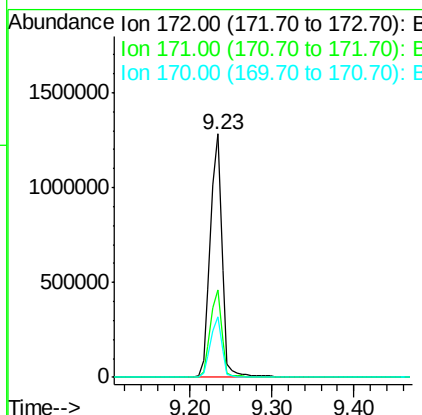
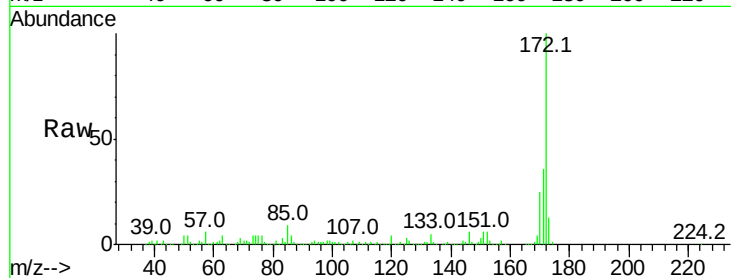




#44
2-Fluorobiphenyl
Concen: 100.625 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

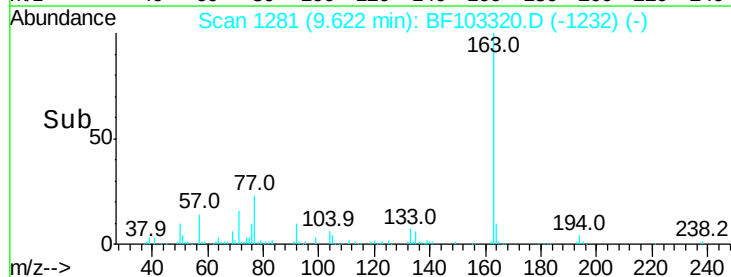
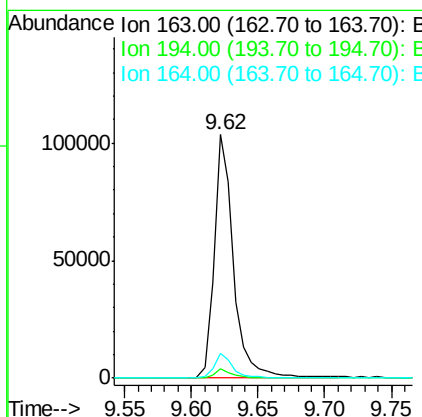
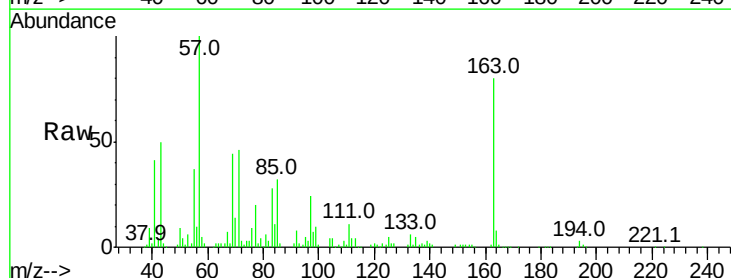
Instrument :
BNA_F
ClientSampleId :

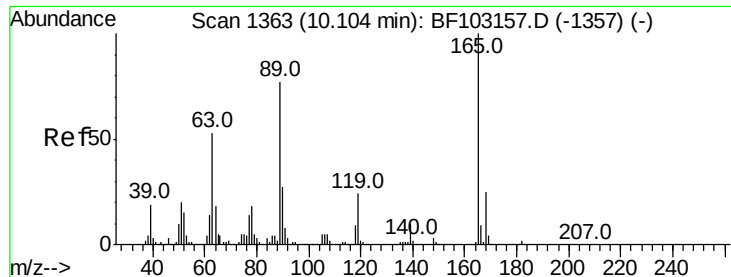
Tot Ion:172 Resp: 1290197
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 5.732 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

Tgt Ion:163 Resp: 106062
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 8.2 12.2

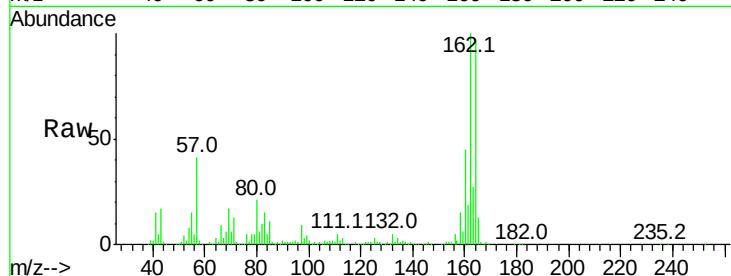




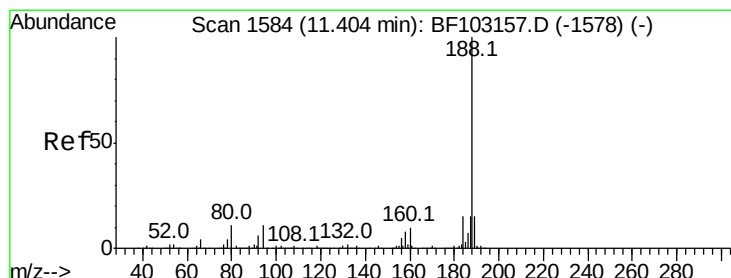
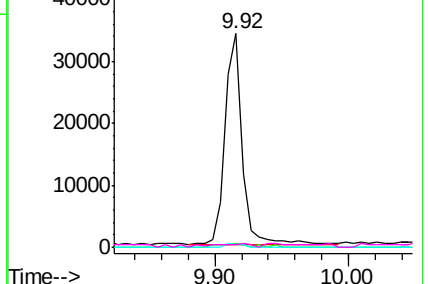
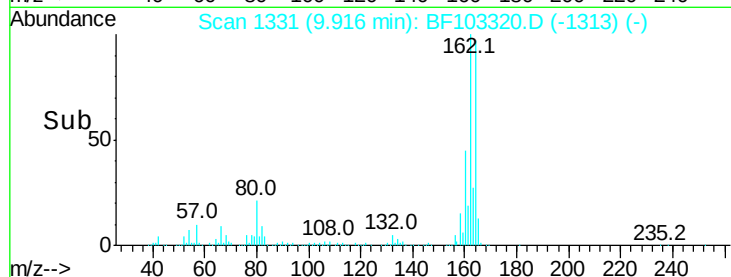
#56
 2,4-Dinitrotoluene
 Concen: 6.314 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF103320.D
 Acq: 1 Mar 2018 3:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 31008
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.4 54.6#
 89 1.2 57.8 86.6#
 182 0.9 1.6 2.4#

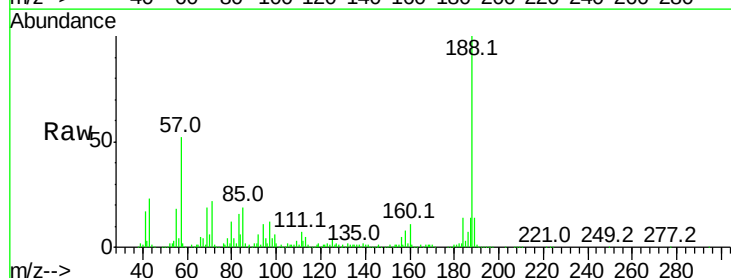


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

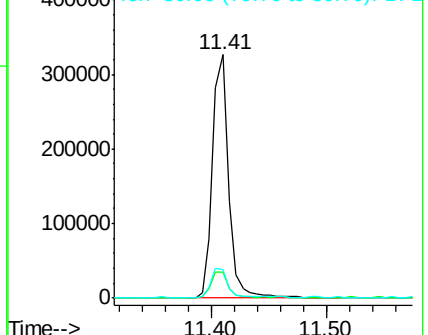
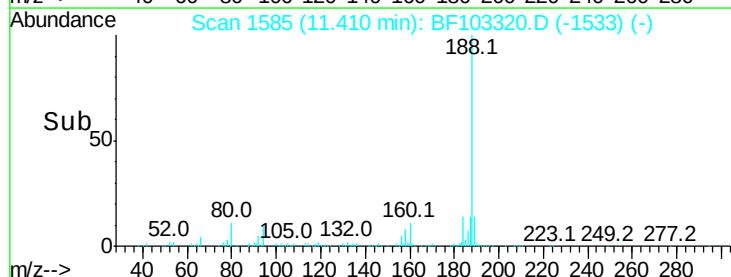


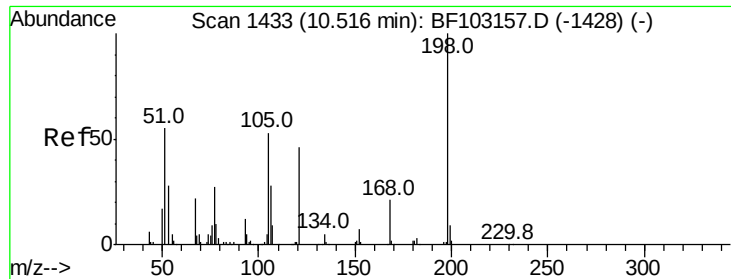
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF103320.D
 Acq: 1 Mar 2018 3:51

Tgt Ion:188 Resp: 318983
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.7 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: 5.011 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.18 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

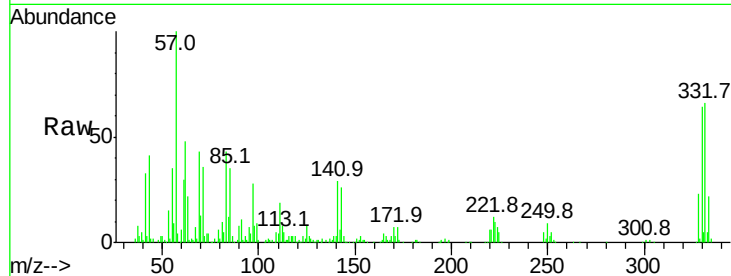
Tot Ion:198 Resp: 142

Ion Ratio Lower Upper

198 100

51 448.9 37.7 77.7#

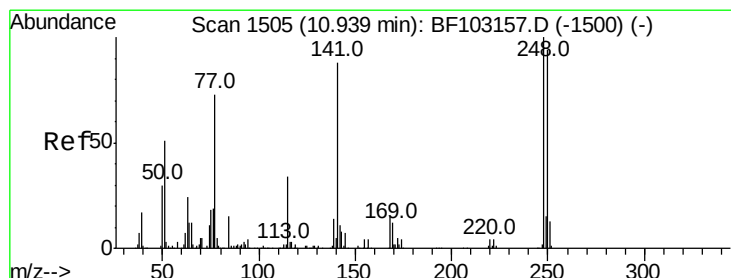
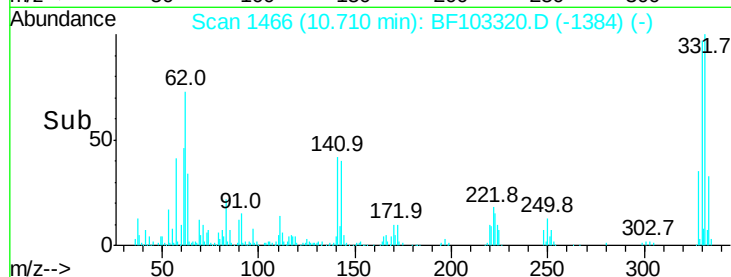
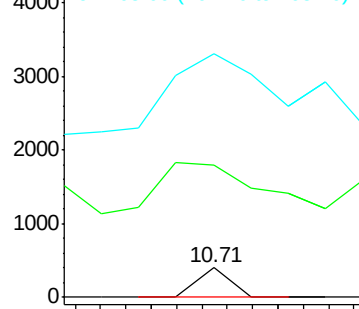
105 823.9 36.3 76.3#



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: 2.523 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

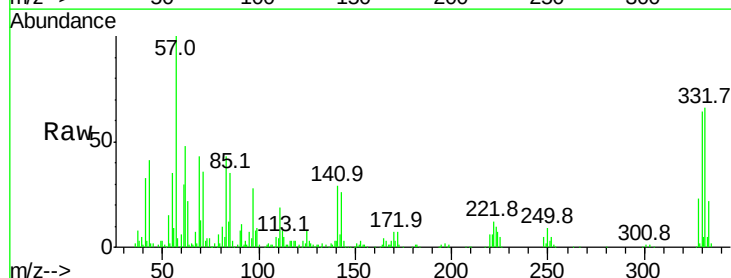
Tgt Ion:248 Resp: 8383

Ion Ratio Lower Upper

248 100

250 195.6 76.9 115.3#

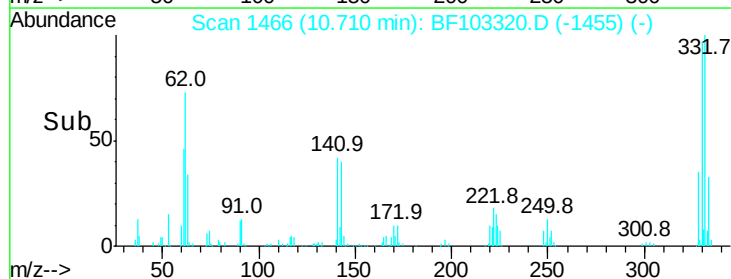
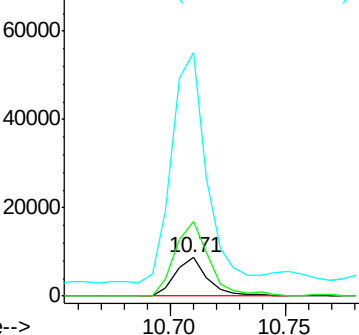
141 637.4 74.4 111.6#

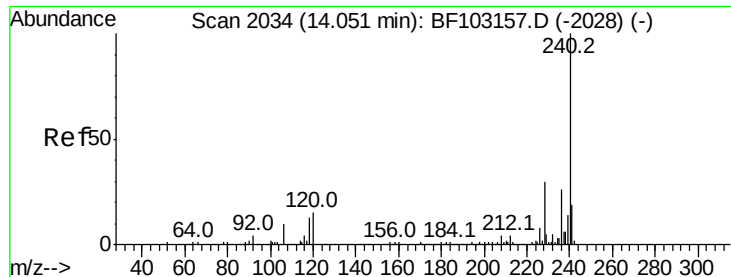


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

Instrument :

BNA_F

ClientSampleId :

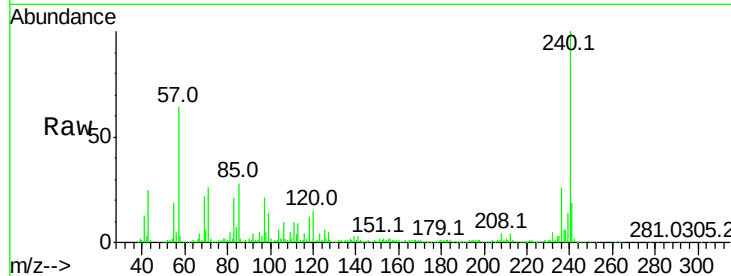
Tot Ion:240 Resp: 244523

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

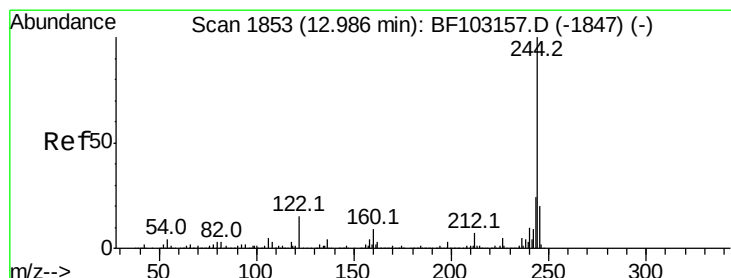
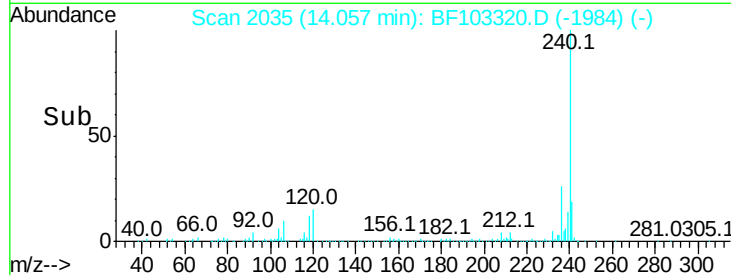
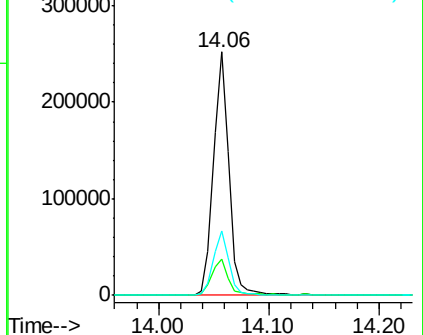
236 26.4 20.7 31.1



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: 84.681 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103320.D

Acq: 1 Mar 2018 3:51

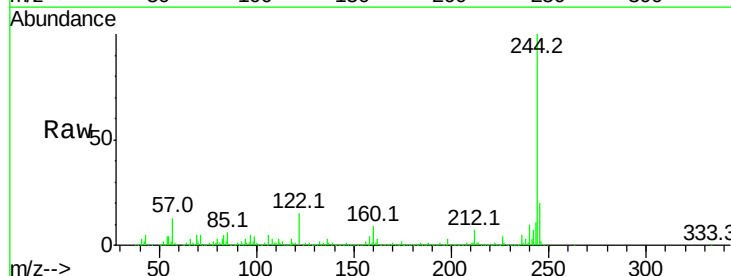
Tgt Ion:244 Resp: 861386

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

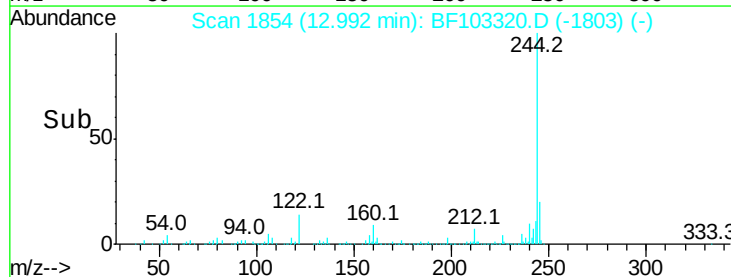
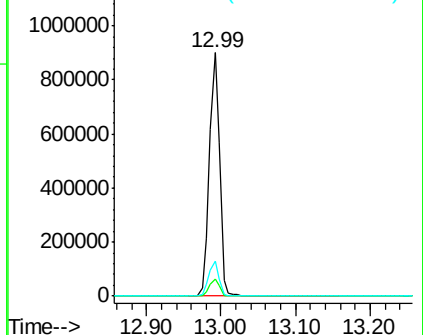
122 14.5 11.0 16.4

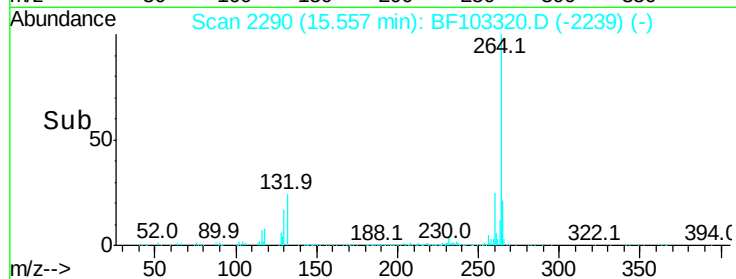
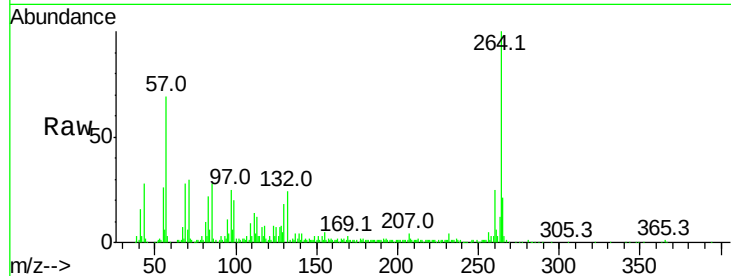
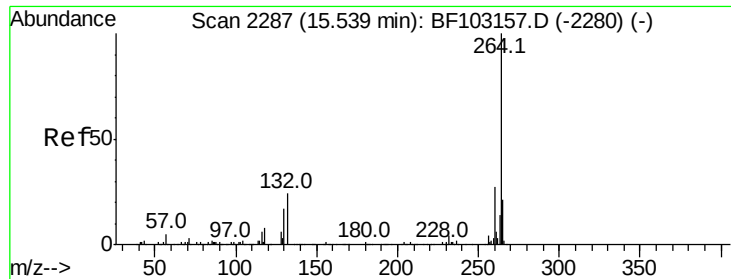


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF103320.D
Acq: 1 Mar 2018 3:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.4	17.5	26.3

