

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103472.D
 Acq On : 6 Mar 2018 22:48
 Operator : SJ/JU
 Sample : J1736-01 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 01:21:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	110117	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	470438	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	191542	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	291772	20.00	ng	0.00
75) Chrysene-d12	14.06	240	216560	20.00	ng	0.00
86) Perylene-d12	15.58	264	162332	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	354	0.05	ng	0.09
7) Phenol-d6	6.61	99	4524	0.51	ng	0.09
23) Nitrobenzene-d5	7.49	82	5165	0.63	ng	0.04
41) 2,4,6-Tribromophenol	10.73	330	564	0.35	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	11544	-1.00	ng	0.00
78) Terphenyl-d14	12.99	244	9575	1.06	ng	0.00

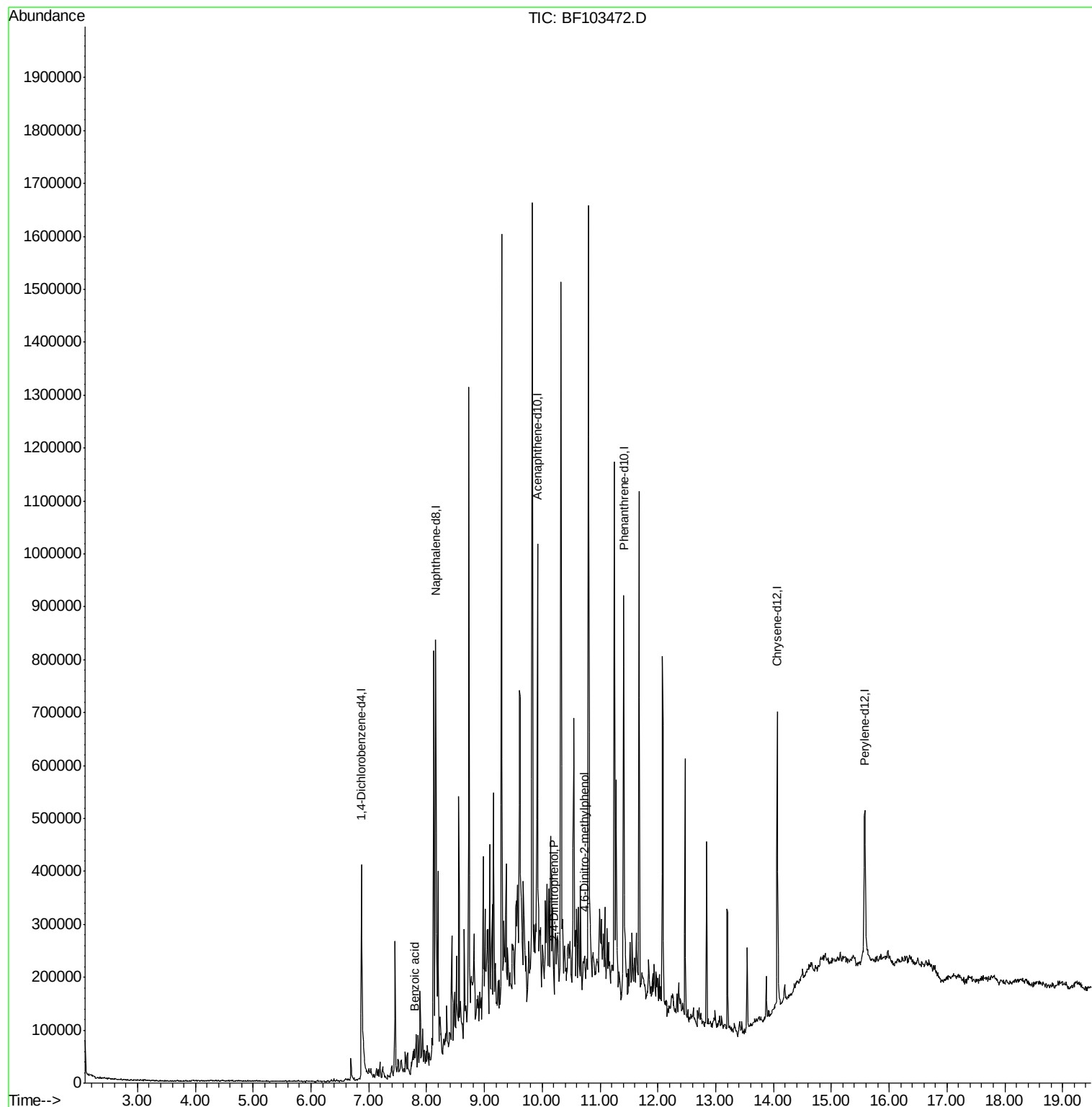
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.69	77	452	Below Cal	#	1
32) Benzoic acid	7.80	122	106	6.932	ng	# 1
53) 2,4-Dinitrophenol	10.20	184	109	9.703	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.73	198	972	5.436	ng	# 1

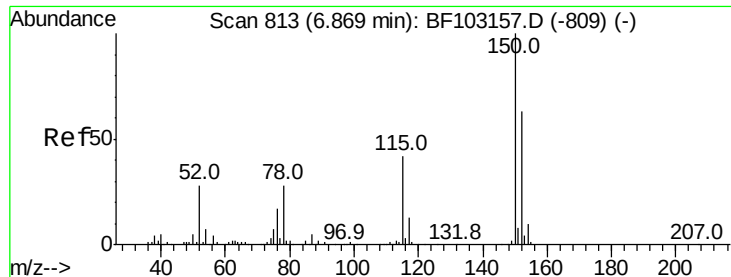
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103472.D
Acq On : 6 Mar 2018 22:48
Operator : SJ/JU
Sample : J1736-01 100X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 07 01:21:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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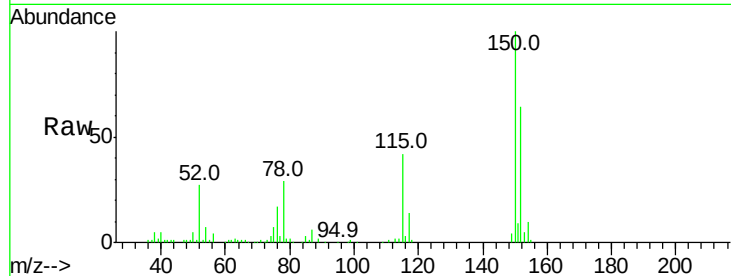


#1

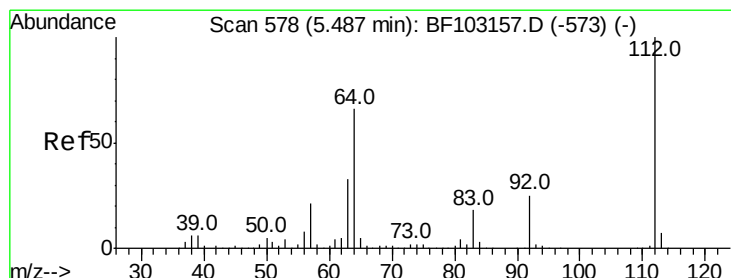
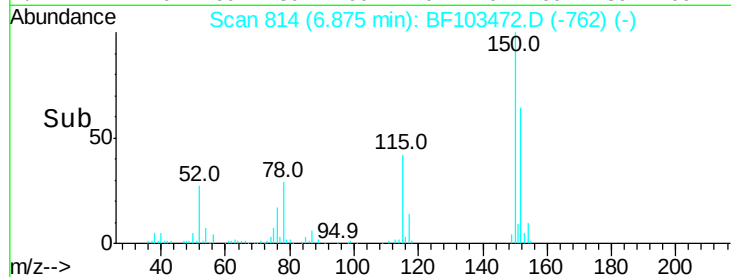
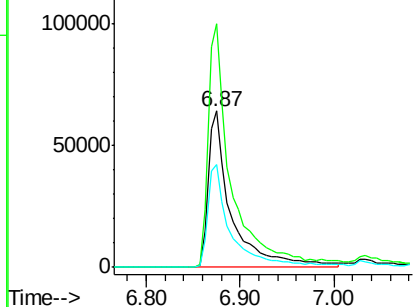
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103472.D
Acq: 6 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110117
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 65.8 50.1 75.1



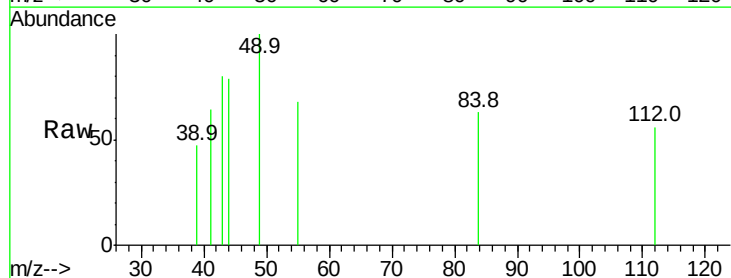
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



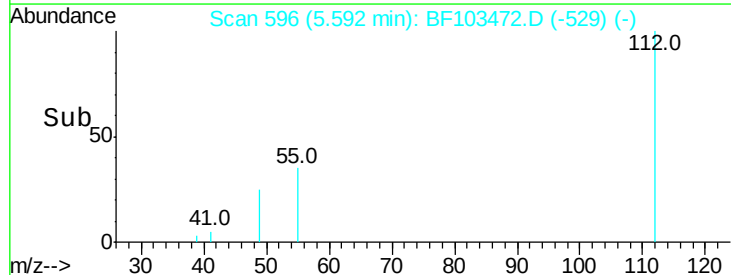
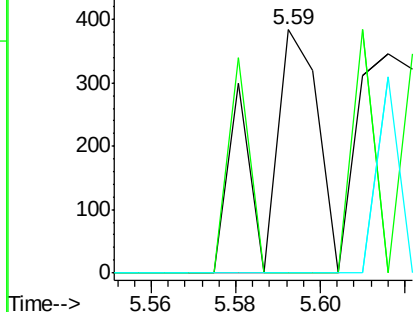
#5

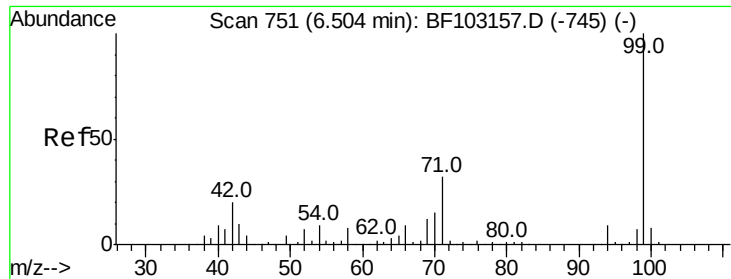
2-Fluorophenol
Concen: 0.049 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.09 min
Lab File: BF103472.D
Acq: 6 Mar 2018 22:48

Tgt Ion:112 Resp: 354
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 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: 0.508 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.09 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

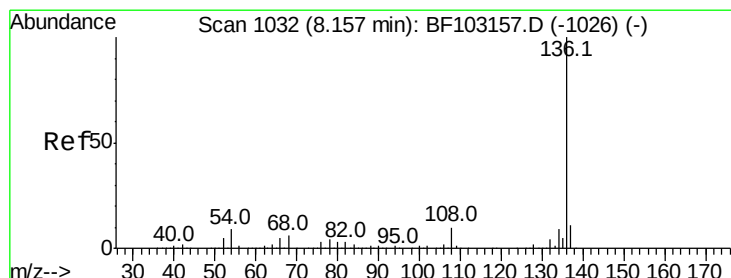
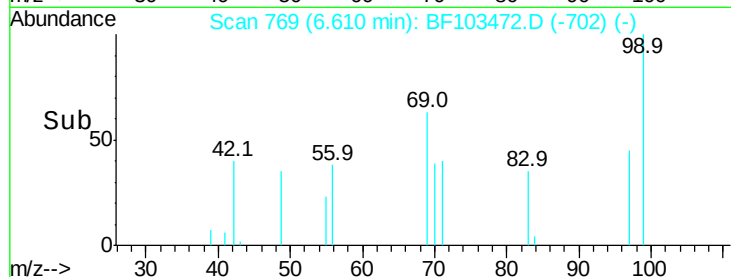
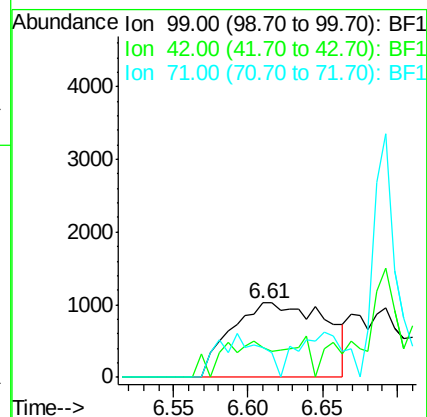
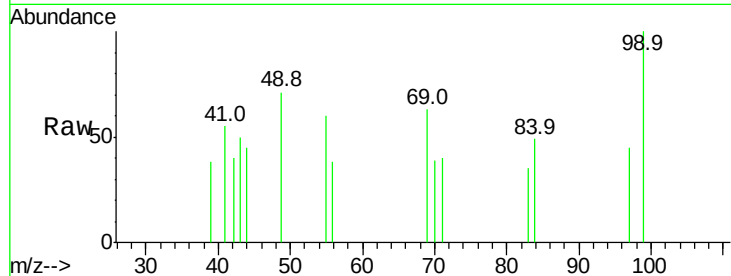
Tot Ion: 99 Resp: 4524

Ion Ratio Lower Upper

99 100

42 39.6 14.5 21.7#

71 39.6 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Tgt Ion: 136 Resp: 470438

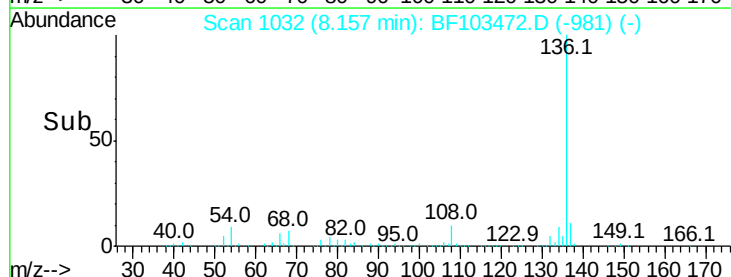
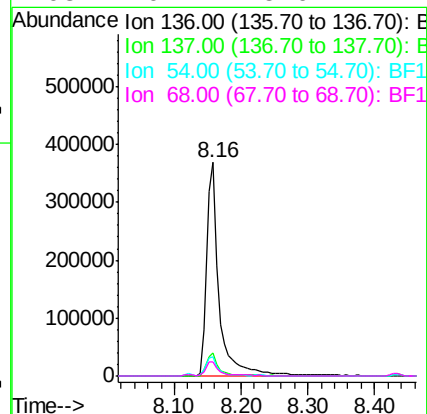
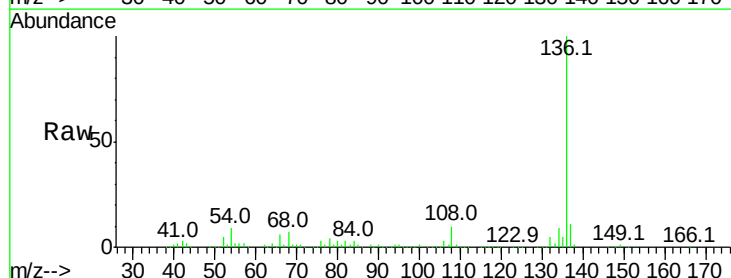
Ion Ratio Lower Upper

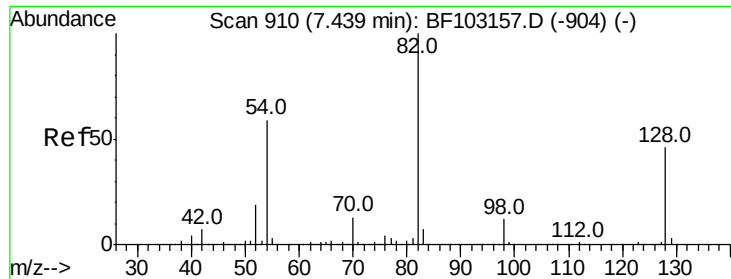
136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 0.627 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

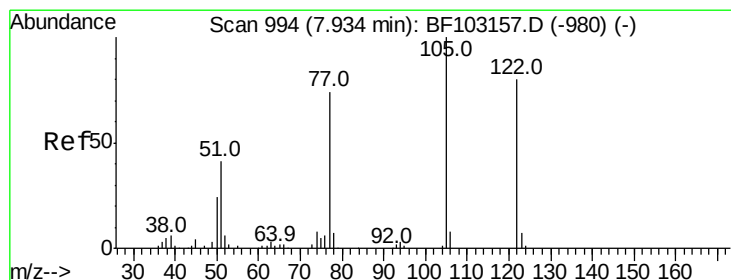
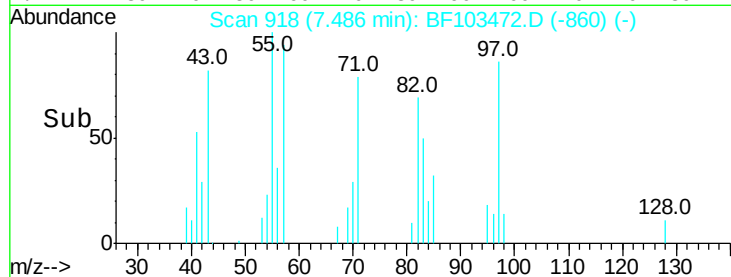
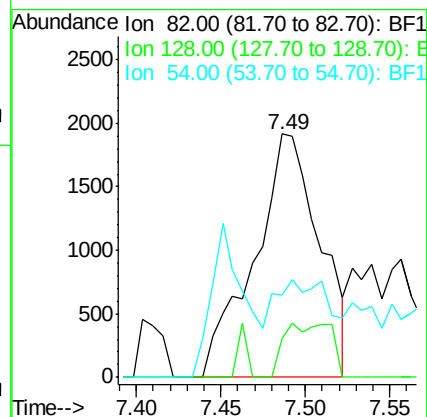
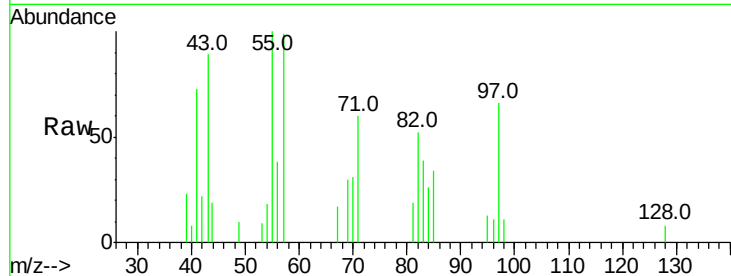
Tot Ion: 82 Resp: 5165

Ion Ratio Lower Upper

82 100

128 15.8 36.1 54.1#

54 33.8 41.4 62.2#



#32

Benzoic acid

Concen: 6.932 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.16 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

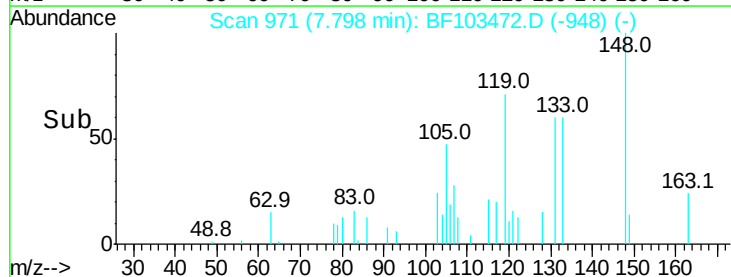
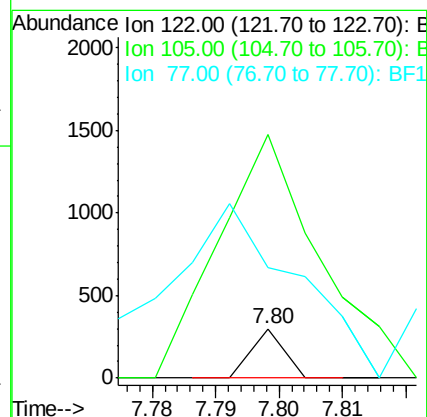
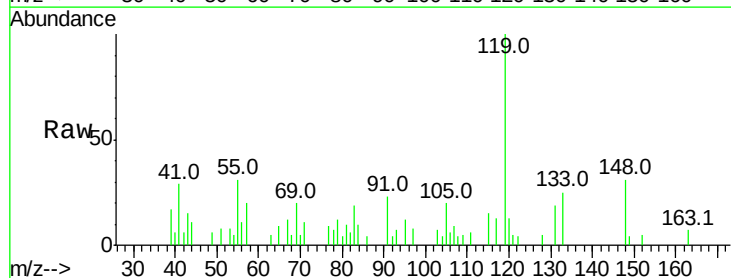
Tgt Ion: 122 Resp: 106

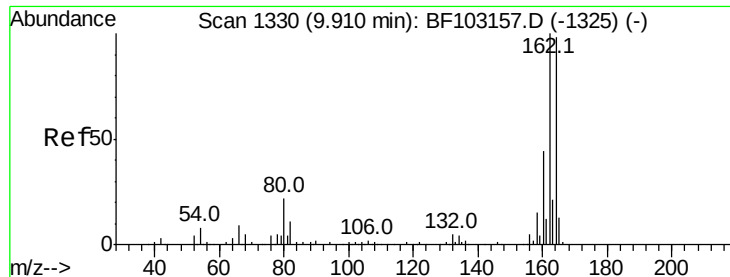
Ion Ratio Lower Upper

122 100

105 491.3 101.1 141.1#

77 224.0 70.7 110.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Instrument :

BNA_F

ClientSampled :

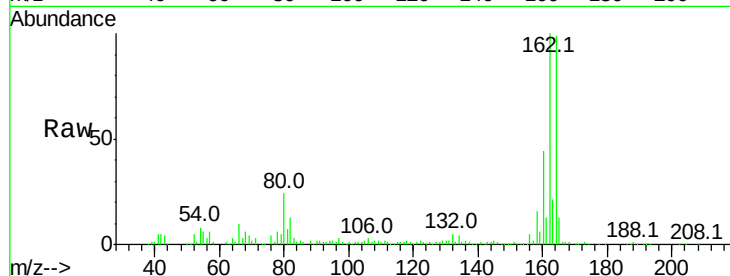
Tot Ion:164 Resp: 191542

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

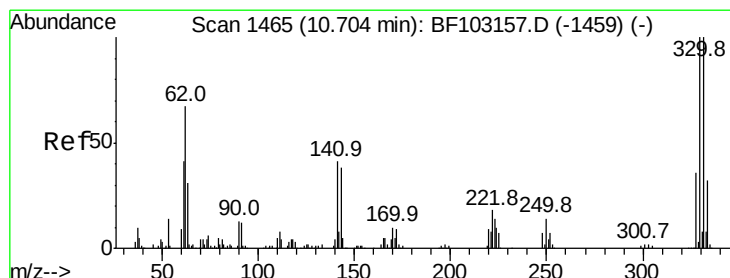
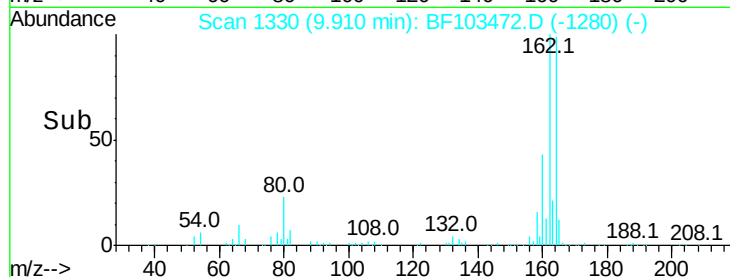
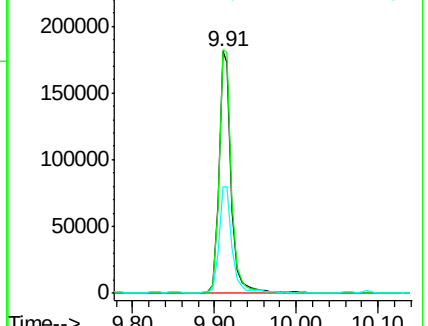
160 43.8 38.3 57.5



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: 0.348 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

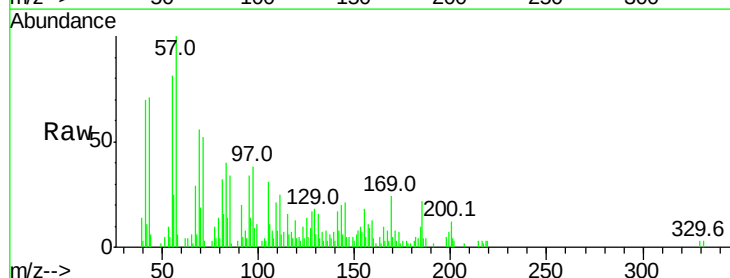
Tgt Ion:330 Resp: 564

Ion Ratio Lower Upper

330 100

332 70.4 77.0 115.6#

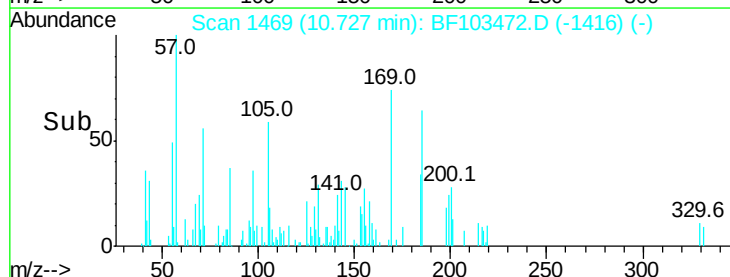
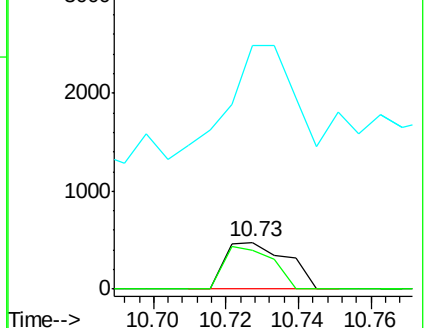
141 258.2 29.9 44.9#

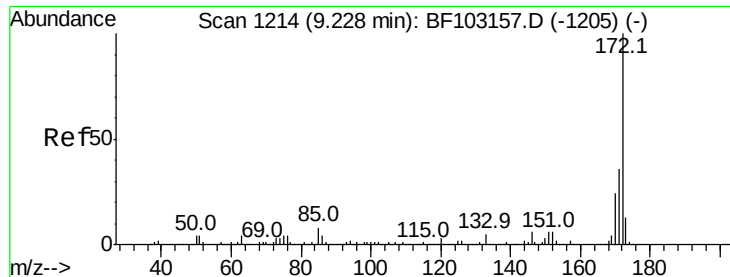


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: -1.000 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

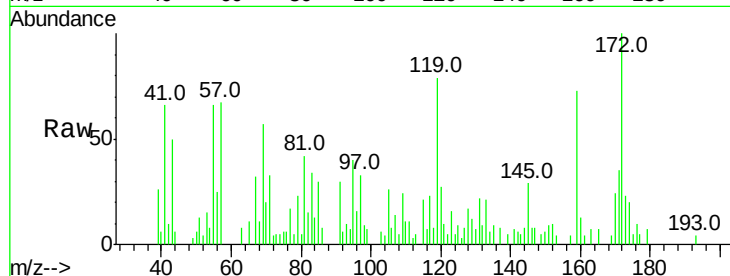
Tot Ion:172 Resp: 11544

Ion Ratio Lower Upper

172 100

171 34.9 29.7 44.5

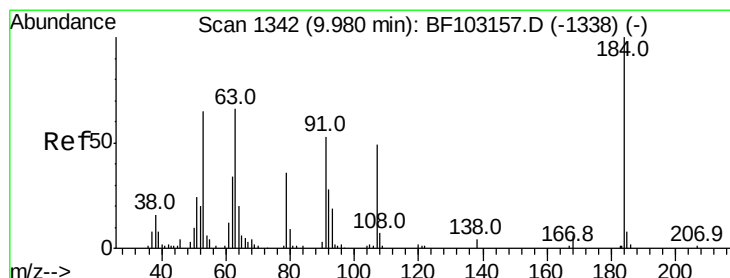
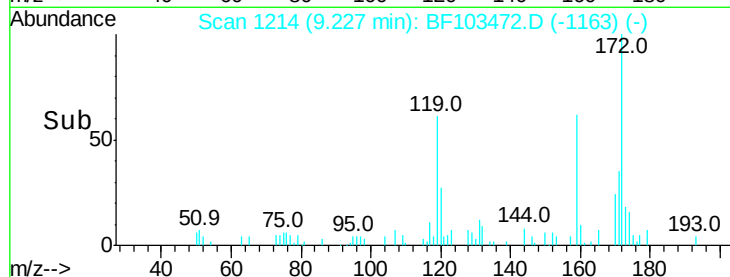
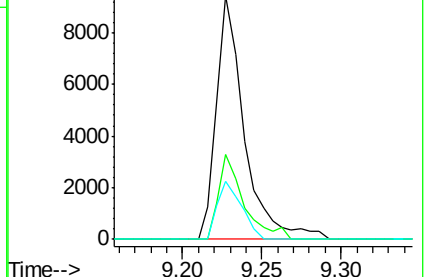
170 24.0 19.6 29.4



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



#53

2,4-Dinitrophenol

Concen: 9.703 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.19 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

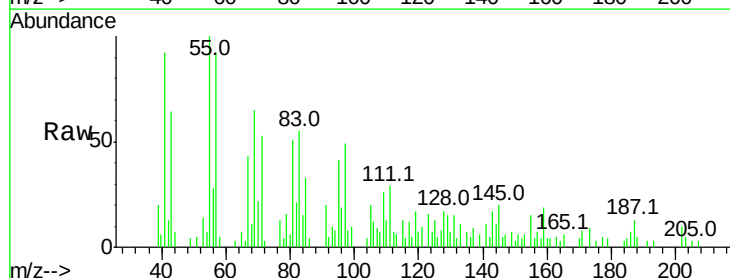
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

63 112.6 54.2 81.2#

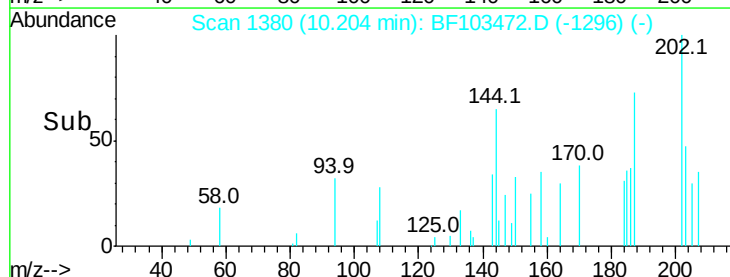
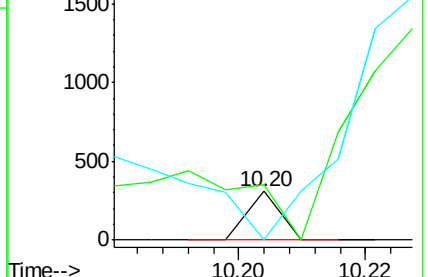
154 0.0 184.0 276.0#

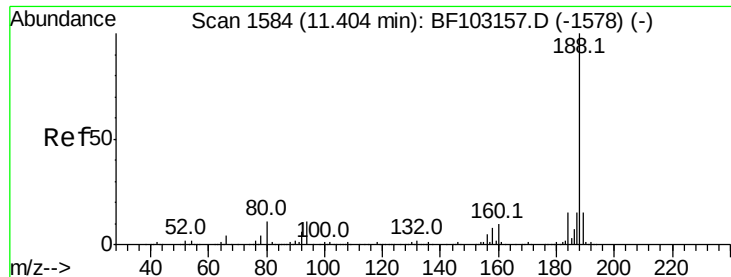


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

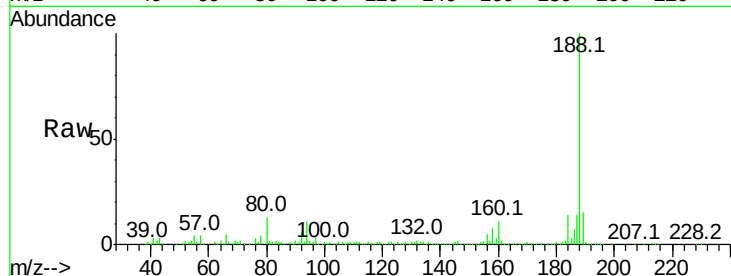




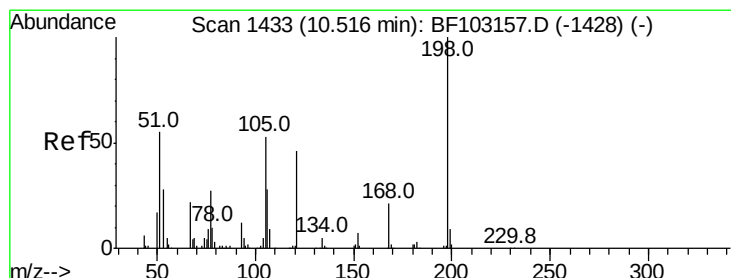
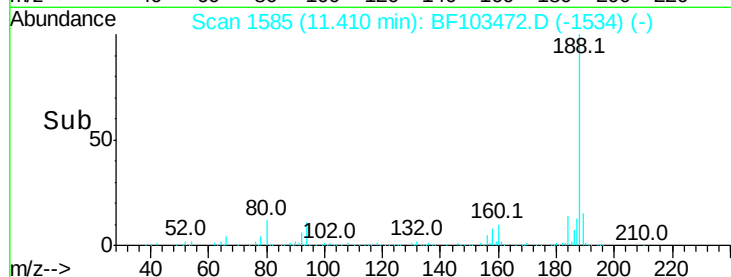
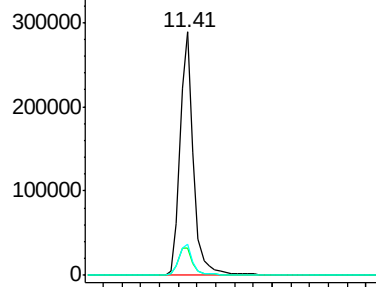
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103472.D
Acq: 6 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 291772
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.8 9.2 13.8

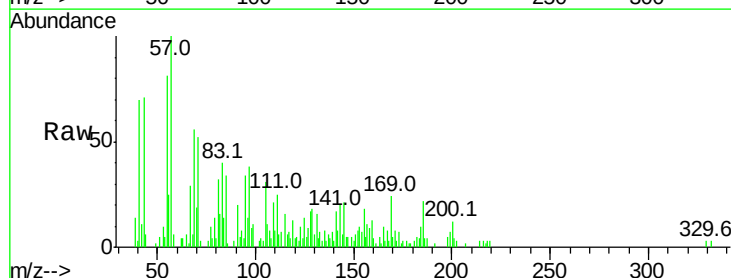


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

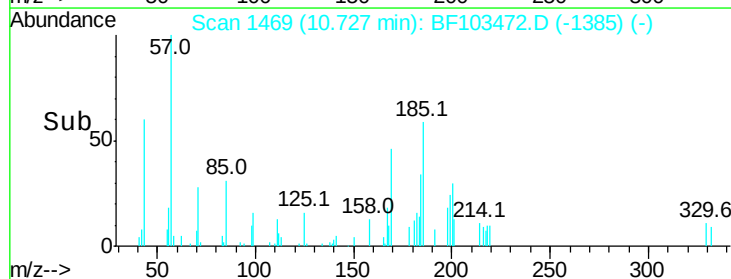
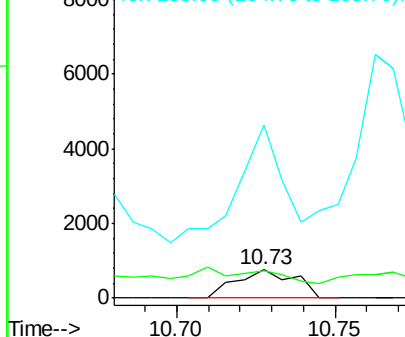


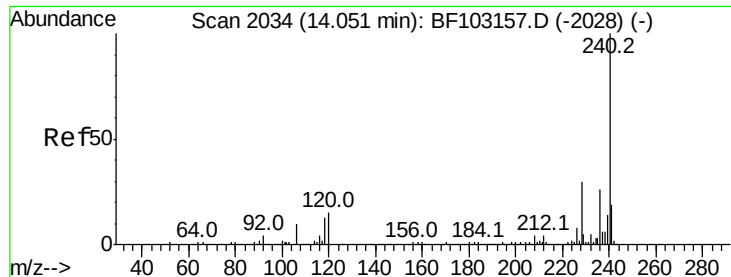
#64
4,6-Dinitro-2-methylphenol
Concen: 5.436 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF103472.D
Acq: 6 Mar 2018 22:48

Tgt Ion:198 Resp: 972
Ion Ratio Lower Upper
198 100
51 96.3 37.7 77.7#
105 608.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

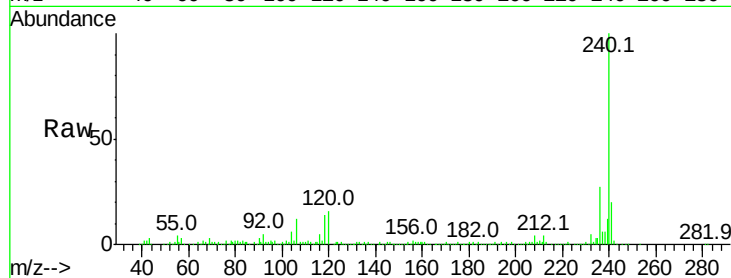
Tot Ion:240 Resp: 216560

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

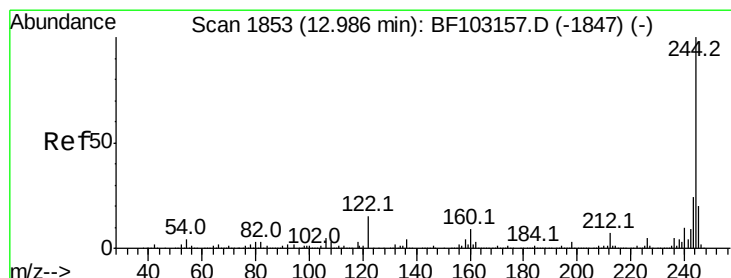
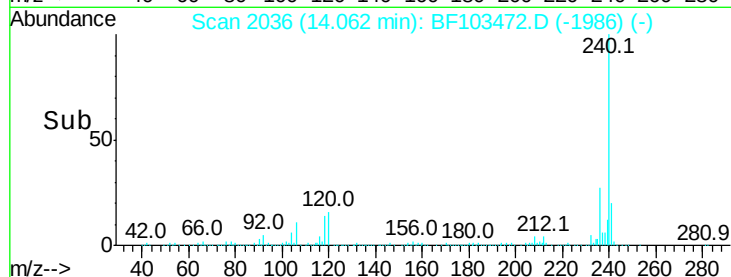
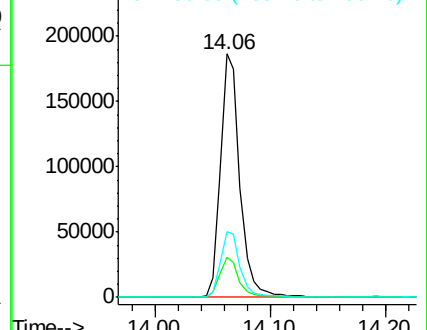
236 27.1 20.7 31.1



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: 1.063 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

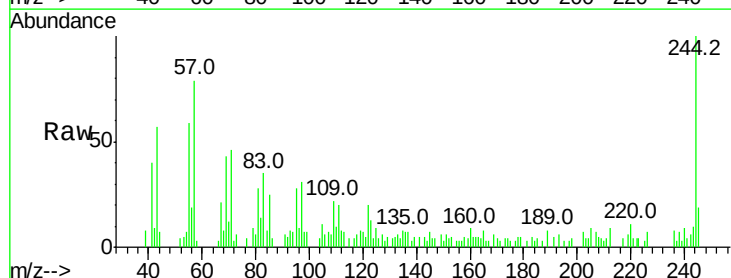
Tgt Ion:244 Resp: 9575

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.0#

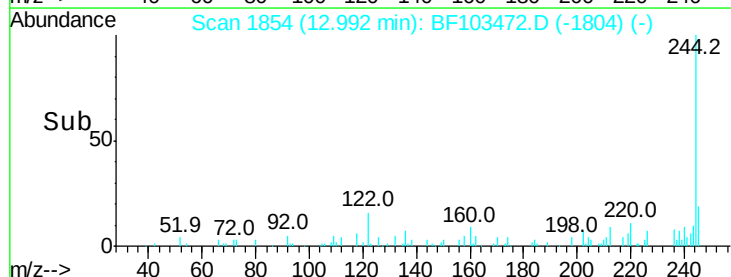
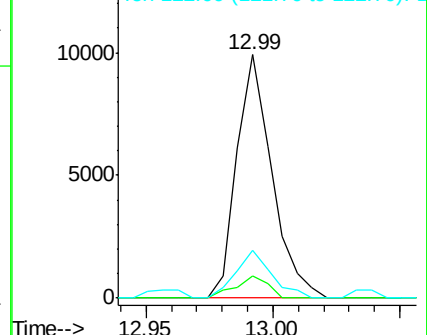
122 19.7 11.0 16.4#

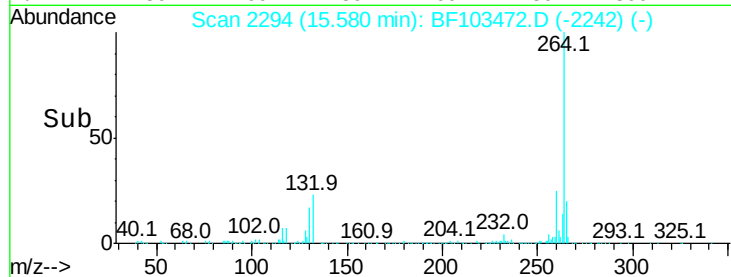
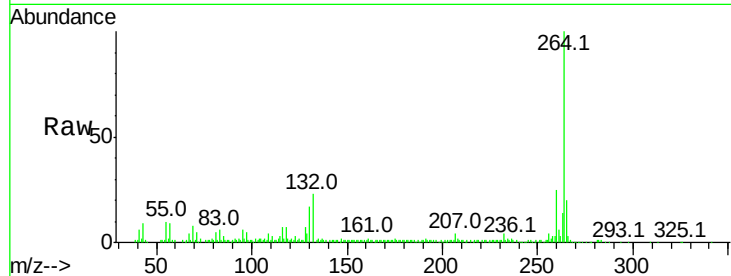
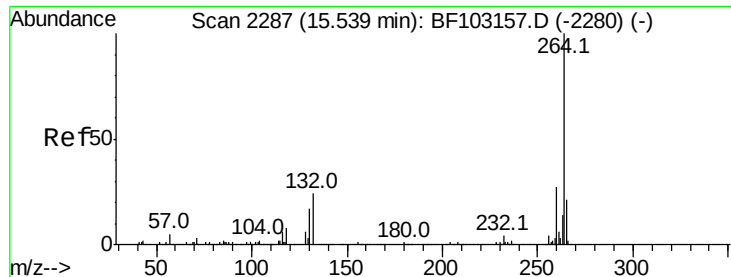


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF103472.D
 Acq: 6 Mar 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	20.5	17.5	26.3

