

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103368.D
 Acq On : 2 Mar 2018 16:38
 Operator : SJ/JU
 Sample : PB106972BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BL

Quant Time: Mar 02 22:04:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151248	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	665632	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	278813	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	497111	20.00	ng	0.00
75) Chrysene-d12	14.06	240	409391	20.00	ng	0.00
86) Perylene-d12	15.57	264	352744	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1054663	105.46	ng	0.01
7) Phenol-d6	6.51	99	1301408	106.35	ng	0.00
23) Nitrobenzene-d5	7.44	82	865565	74.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	248022	105.09	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1254408	75.44	ng	0.00
78) Terphenyl-d14	13.00	244	1149883	67.52	ng	0.00

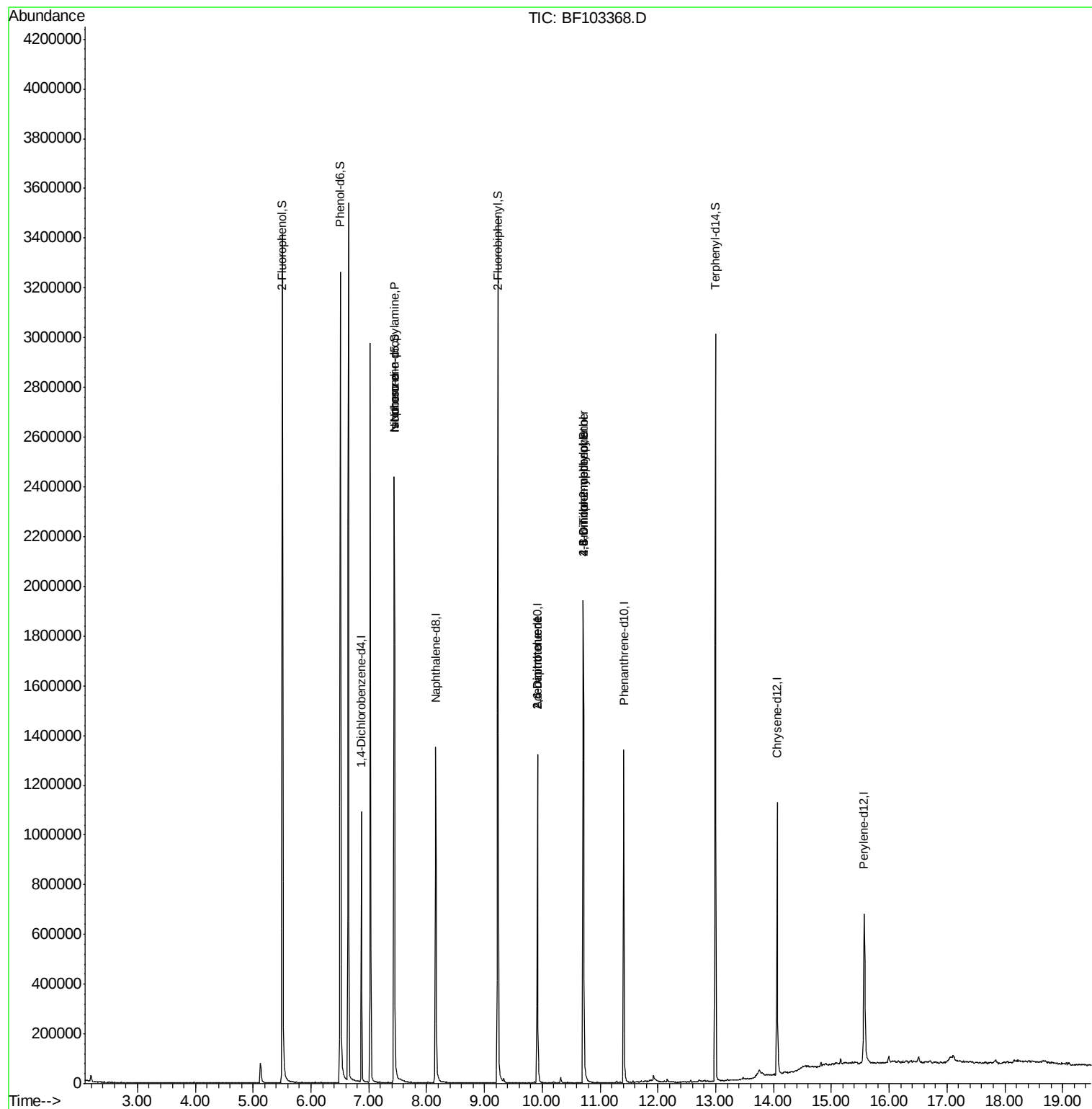
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1871	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.44	70	119460	15.686	ng	# 84
25) Isophorone	7.44	82	865554	37.705	ng	# 64
50) 2,6-Dinitrotoluene	9.92	165	35232	7.506	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	35232	5.935	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.72	198	583	5.118	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	15830	3.057	ng	# 1

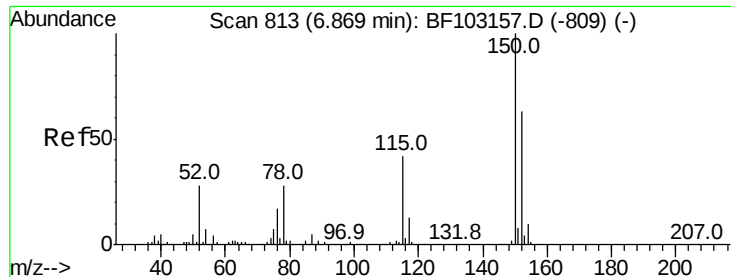
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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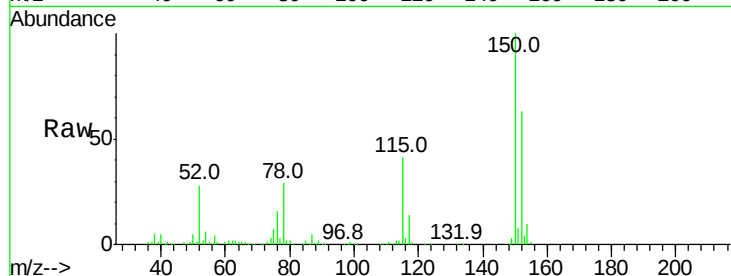


#1

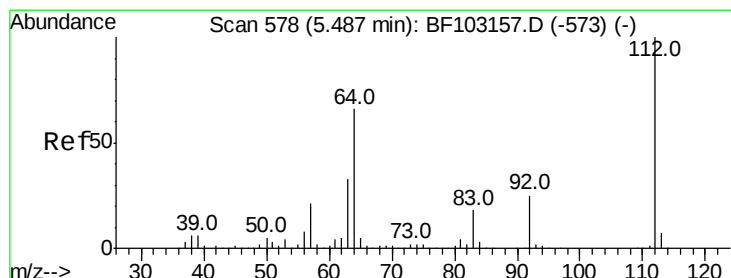
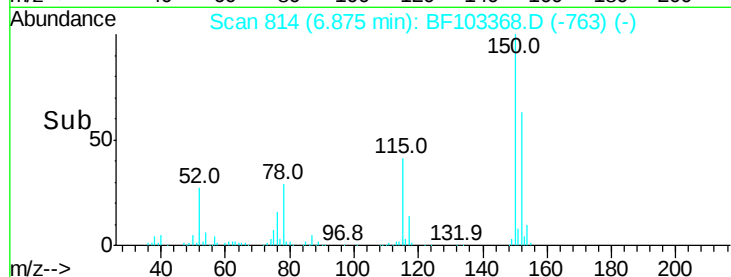
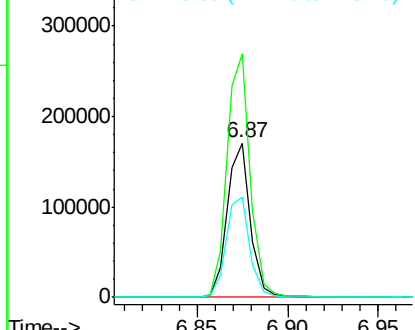
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103368.D
Acq: 2 Mar 2018 16:38

Instrument :
BNA_F
ClientSampleId :
PB106972BL

Tot Ion:152 Resp: 151248
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 65.3 50.1 75.1



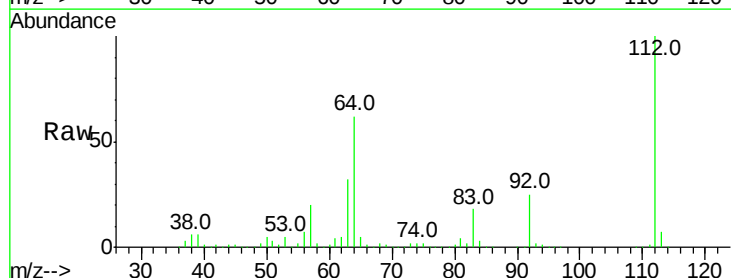
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



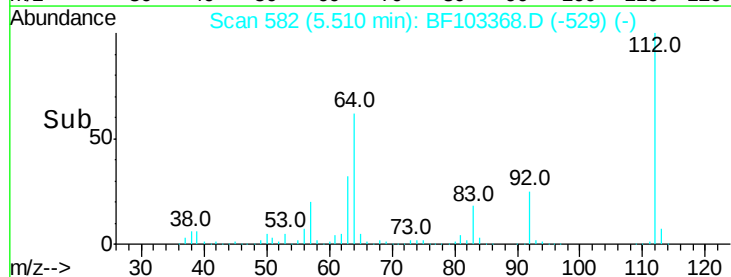
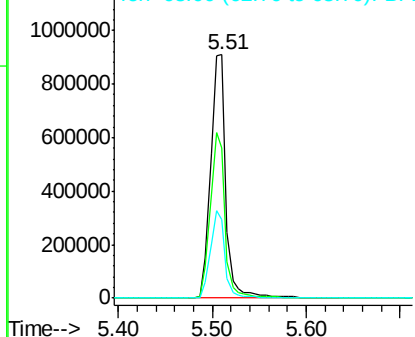
#5

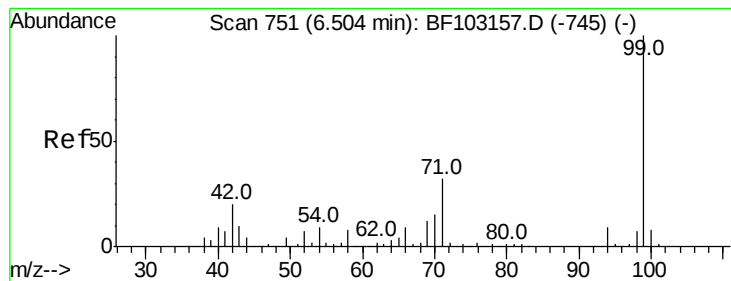
2-Fluorophenol
Concen: 105.463 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF103368.D
Acq: 2 Mar 2018 16:38

Tgt Ion:112 Resp: 1054663
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 32.4 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: 106.351 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

Instrument :

BNA_F

ClientSampleId :

PB106972BL

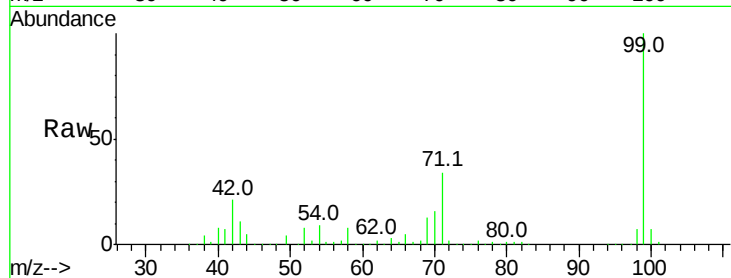
Tot Ion: 99 Resp: 1301408

Ion Ratio Lower Upper

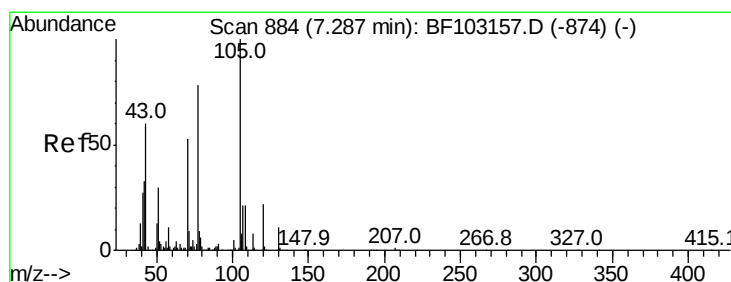
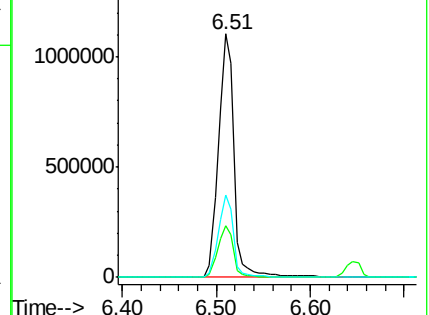
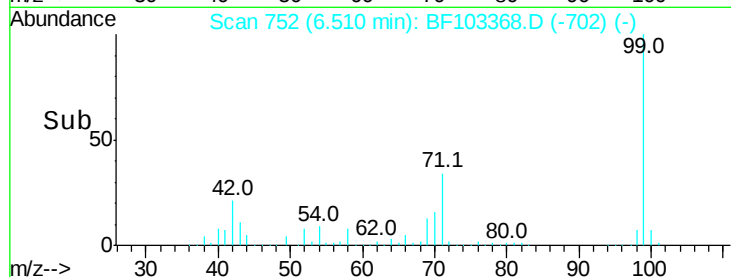
99 100

42 21.4 14.5 21.7

71 33.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.686 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

Tgt Ion: 70 Resp: 119460

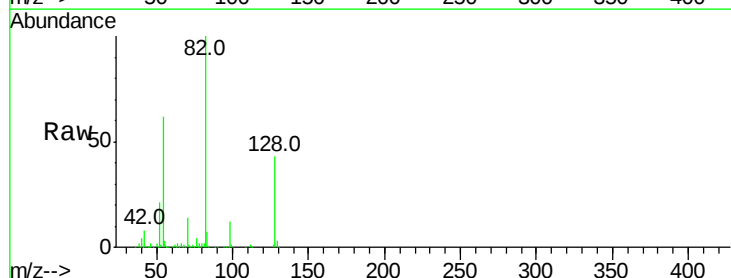
Ion Ratio Lower Upper

70 100

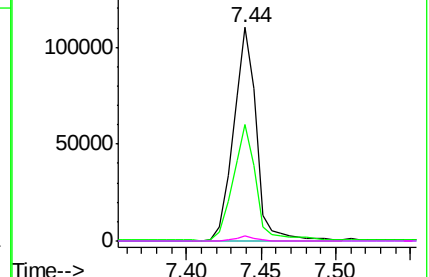
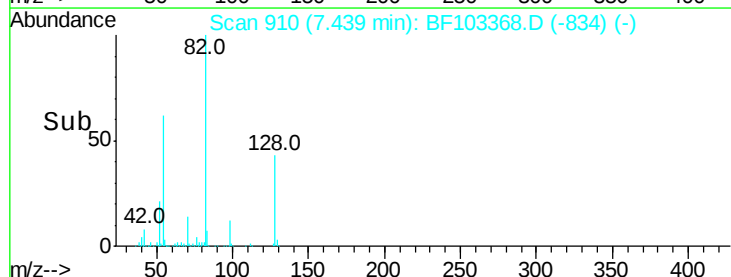
42 54.8 47.5 71.3

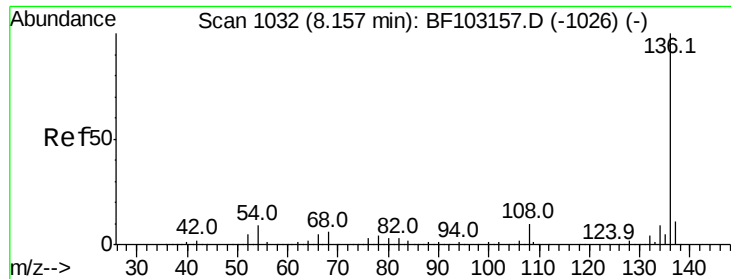
101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

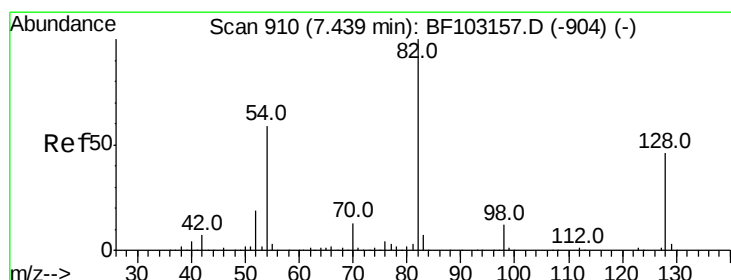
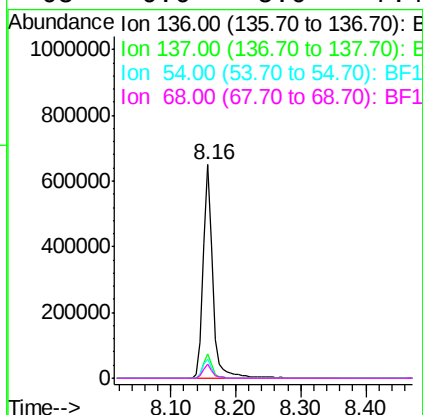
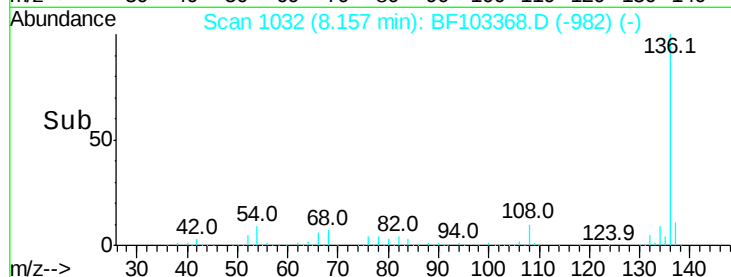
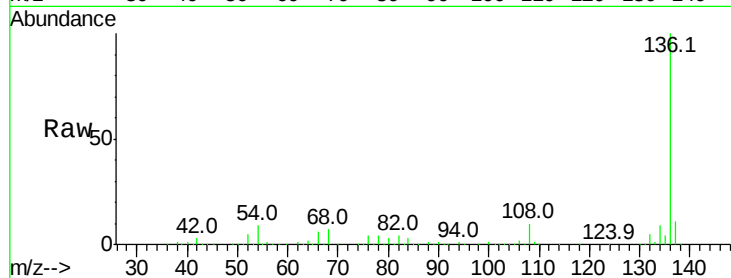




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103368.D
Acq: 2 Mar 2018 16:38

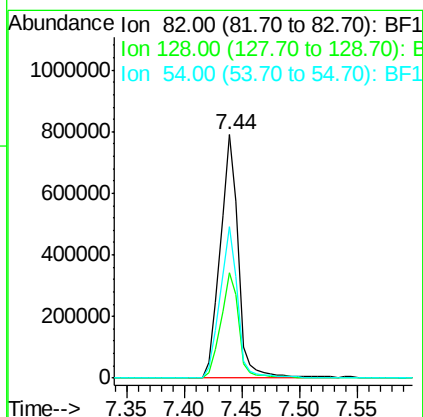
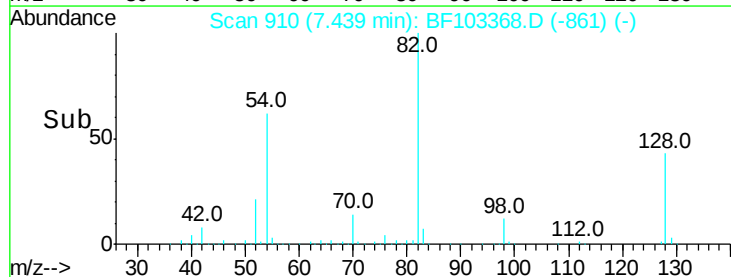
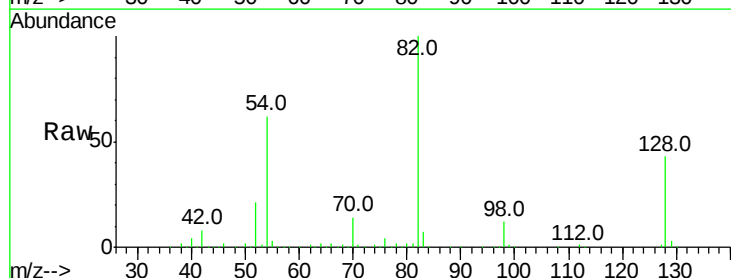
Instrument :
BNA_F
ClientSampleId :
PB106972BL

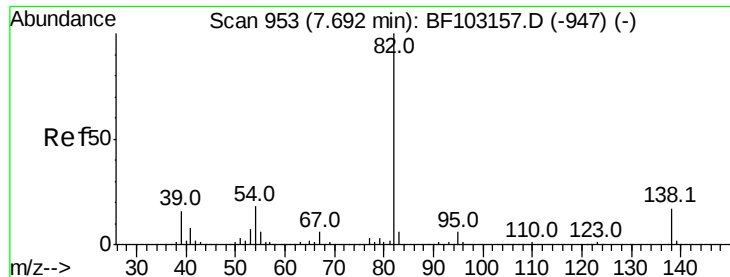
Tot Ion:	136	Resp:	665632
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.262 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103368.D
Acq: 2 Mar 2018 16:38

Tgt Ion:	82	Resp:	865565
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	62.1	41.4	62.2





#25

Isophorone

Concen: 37.705 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

Instrument :

BNA_F

ClientSampleId :

PB106972BL

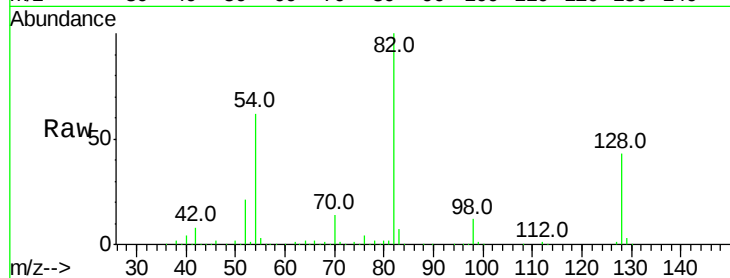
Tot Ion: 82 Resp: 865554

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

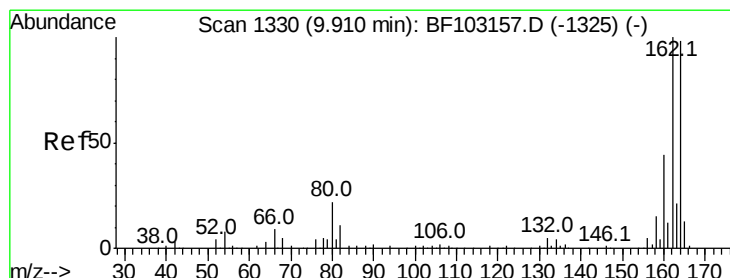
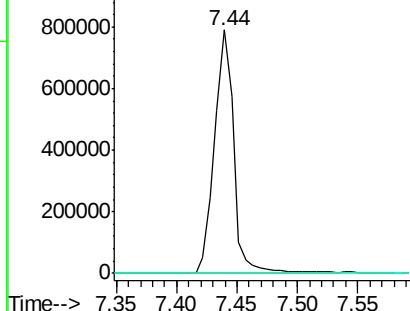
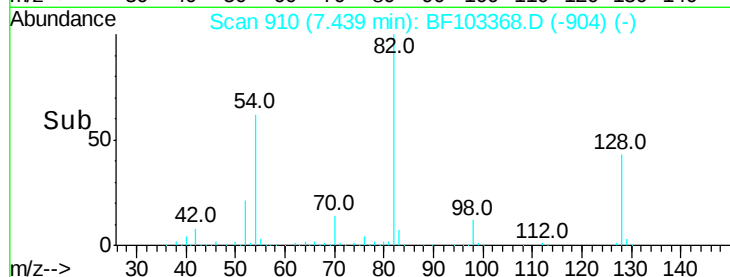
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

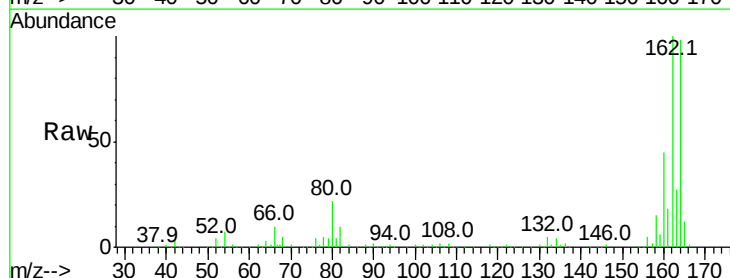
Tgt Ion:164 Resp: 278813

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

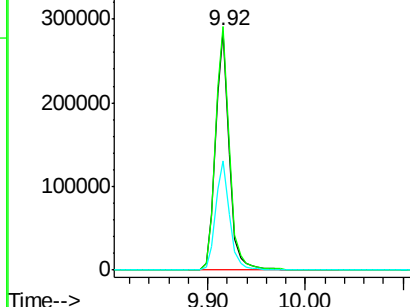
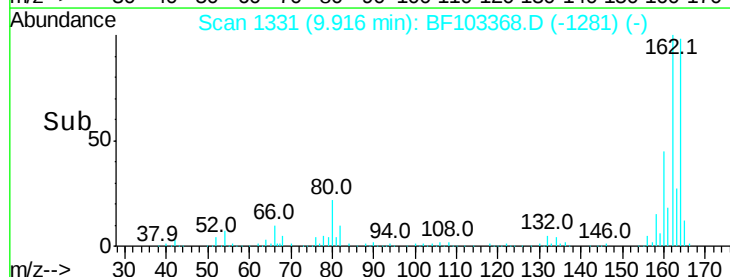
160 45.6 38.3 57.5

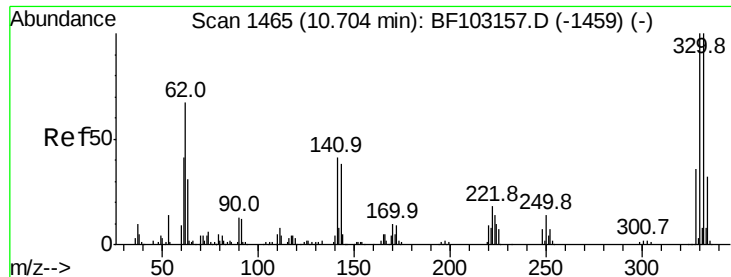


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

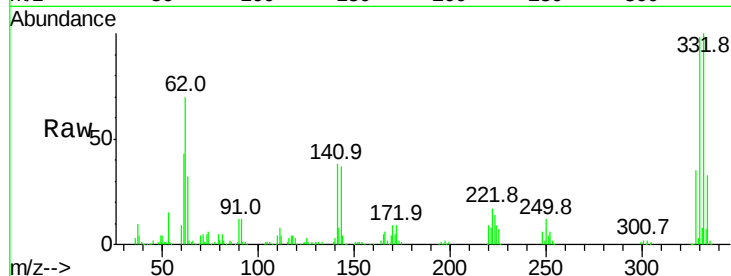




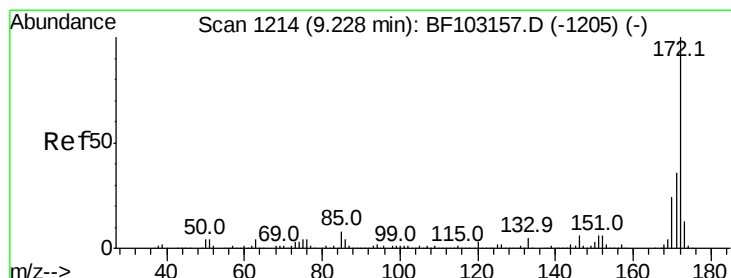
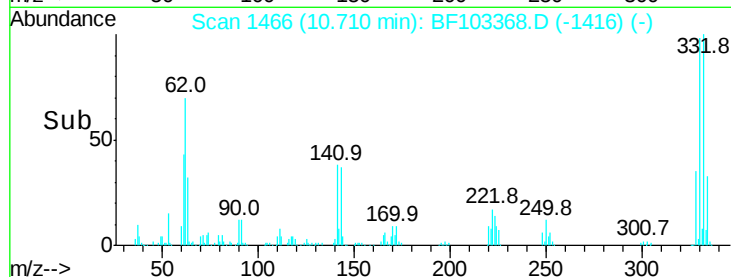
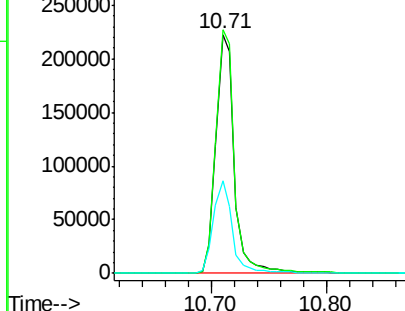
#41
 2,4,6-Tribromophenol
 Concen: 105.094 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103368.D
 Acq: 2 Mar 2018 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106972BL

Tot Ion:330 Resp: 248022
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.0 115.6
 141 40.2 29.9 44.9

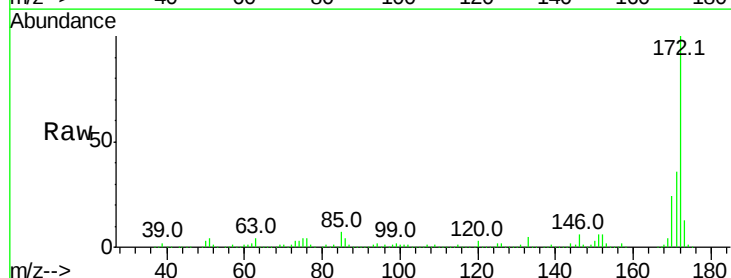


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

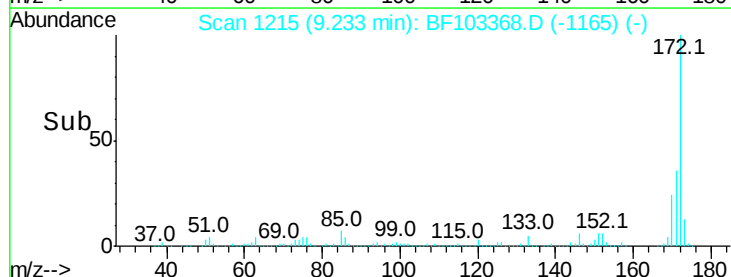
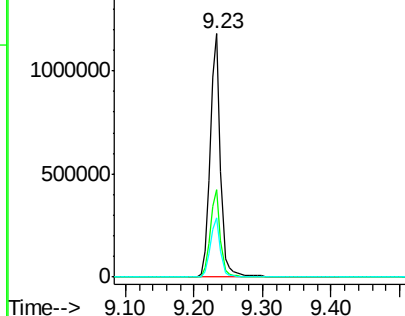


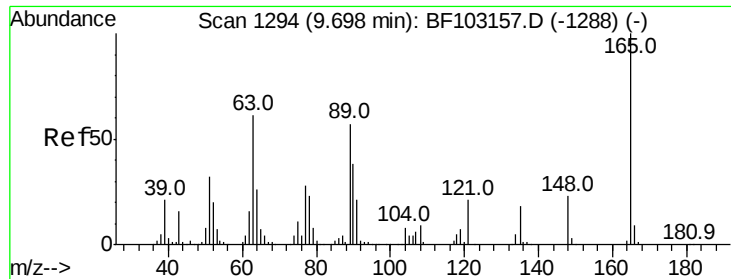
#44
 2-Fluorobiphenyl
 Concen: 75.440 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103368.D
 Acq: 2 Mar 2018 16:38

Tgt Ion:172 Resp: 1254408
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 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: 7.506 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

Instrument :

BNA_F

ClientSampleId :

PB106972BL

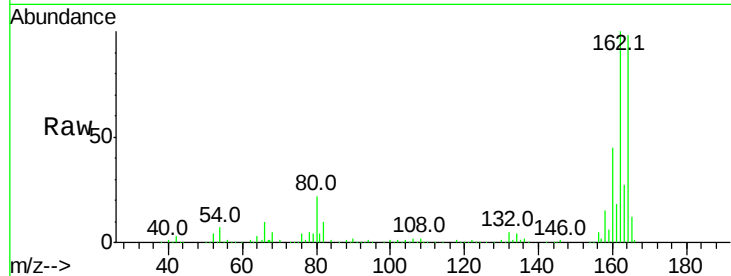
Tot Ion:165 Resp: 35232

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

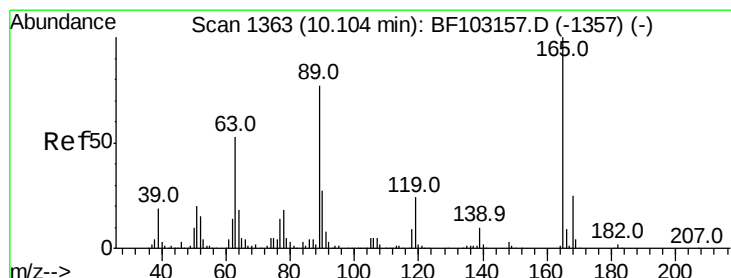
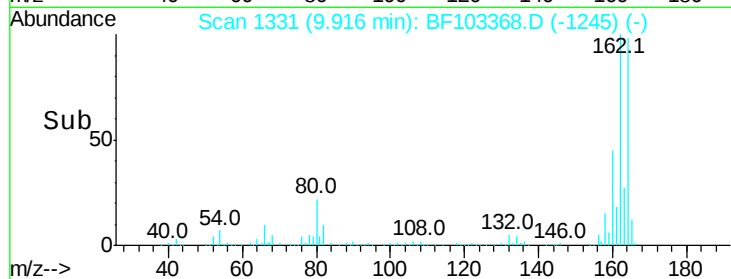
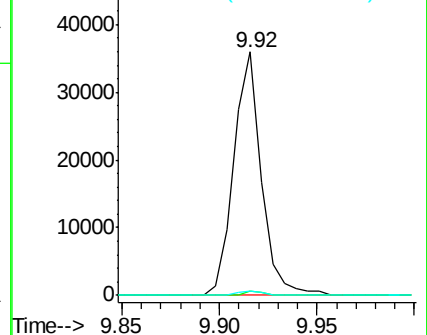
89 1.7 44.0 66.0#



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: 5.935 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.21 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

Tgt Ion:165 Resp: 35232

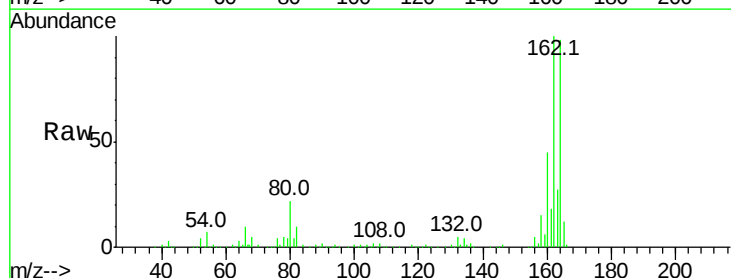
Ion Ratio Lower Upper

165 100

63 1.8 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

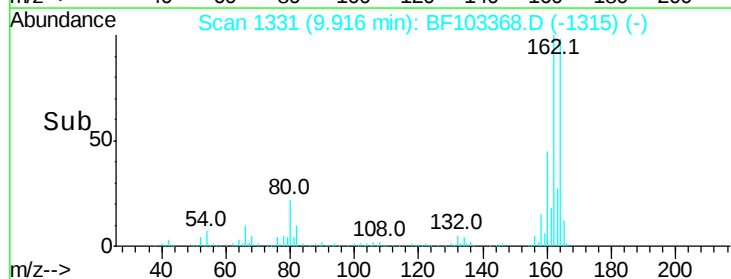
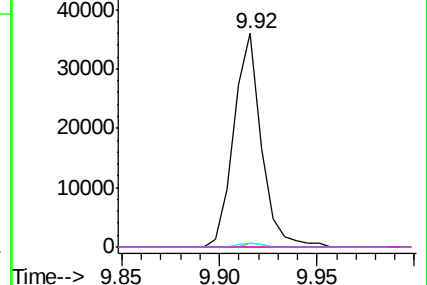


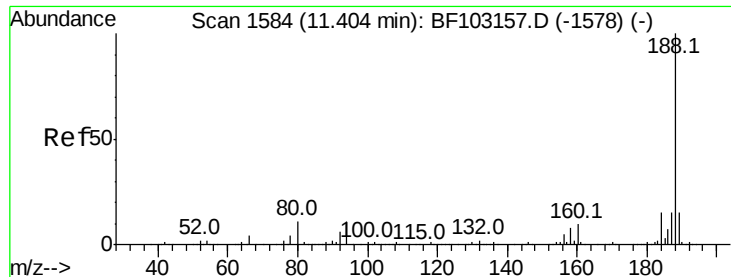
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

Instrument :

BNA_F

ClientSampleId :

PB106972BL

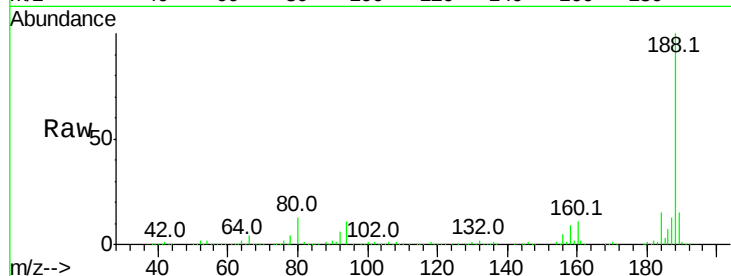
Tot Ion:188 Resp: 497111

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

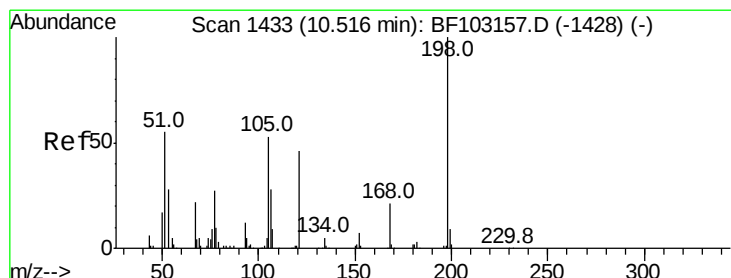
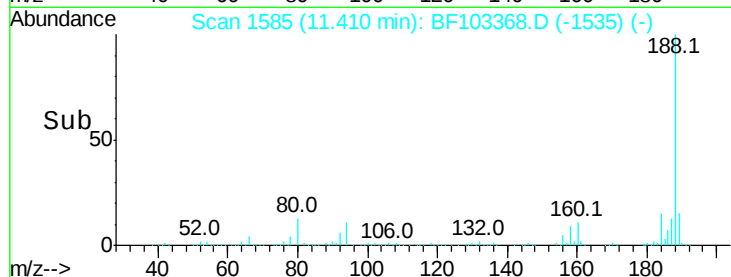
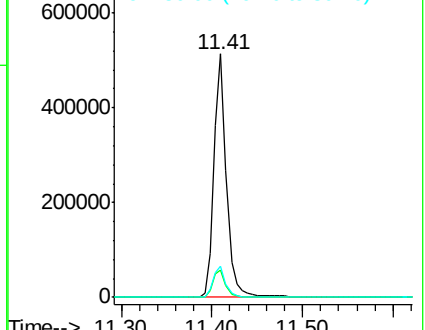
80 12.6 9.2 13.8



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: 5.118 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.18 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

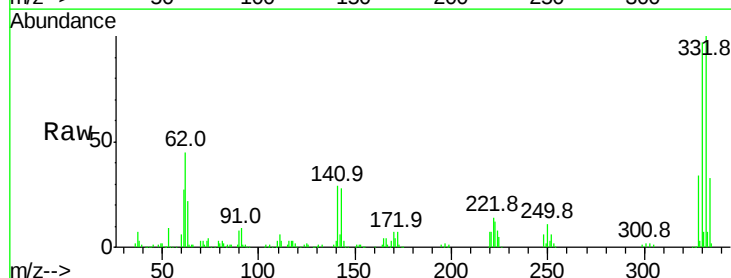
Tgt Ion:198 Resp: 583

Ion Ratio Lower Upper

198 100

51 132.2 37.7 77.7#

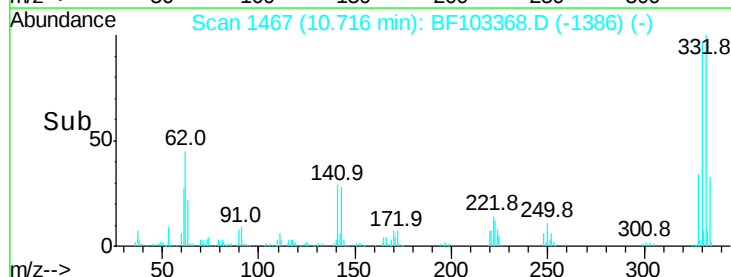
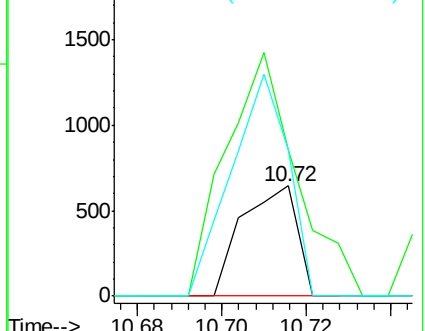
105 132.8 36.3 76.3#

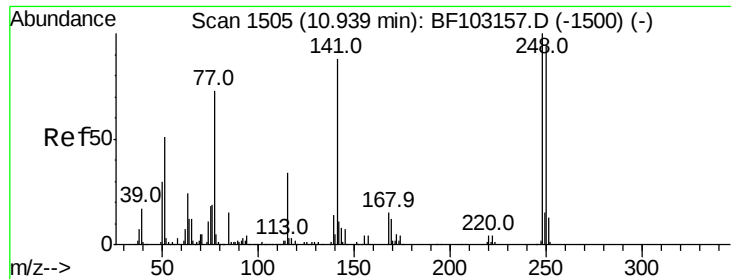


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

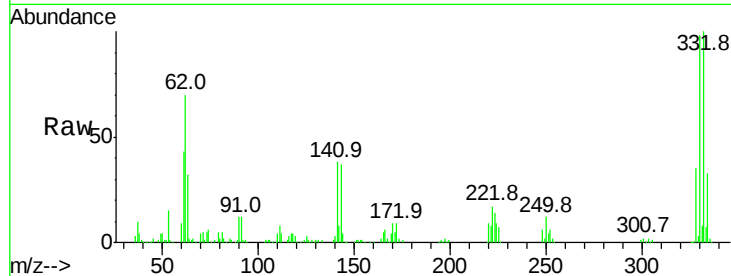




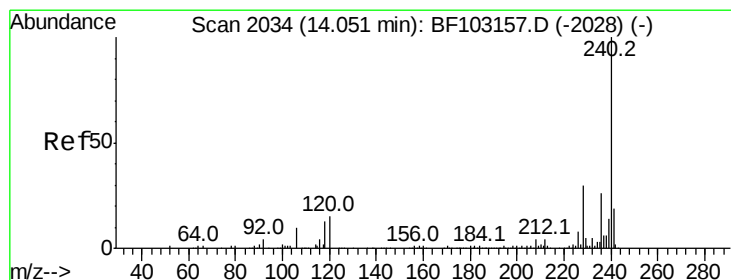
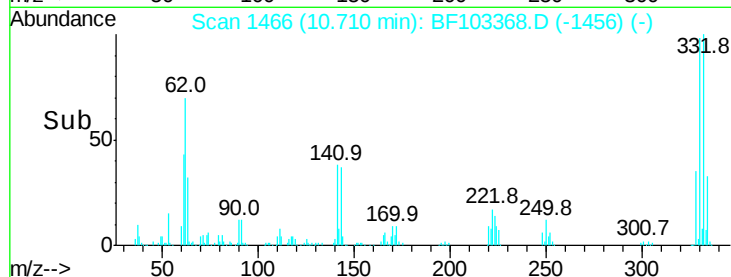
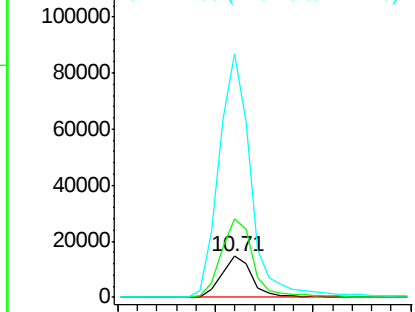
#66
4-Bromophenyl-phenylether
Concen: 3.057 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103368.D
Acq: 2 Mar 2018 16:38

Instrument :
BNA_F
ClientSampleId :
PB106972BL

Tot Ion:248 Resp: 15830
Ion Ratio Lower Upper
248 100
250 193.0 76.9 115.3#
141 596.5 74.4 111.6#

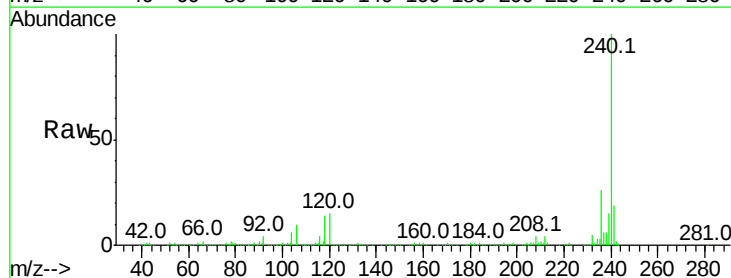


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

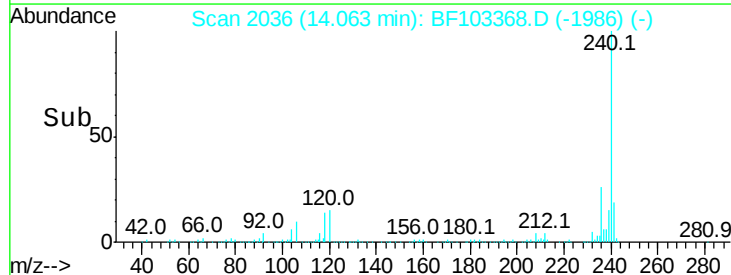
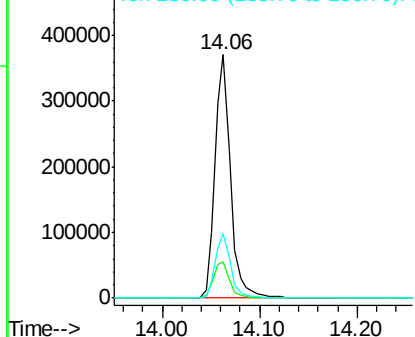


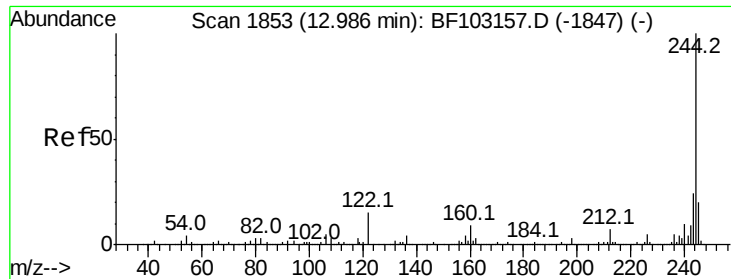
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103368.D
Acq: 2 Mar 2018 16:38

Tgt Ion:240 Resp: 409391
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 26.3 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: 67.519 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

Instrument :

BNA_F

ClientSampleId :

PB106972BL

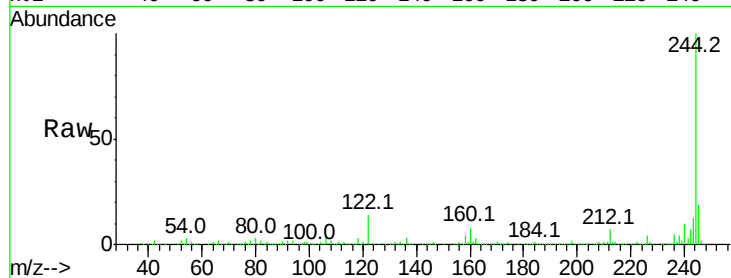
Tot Ion:244 Resp: 1149883

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

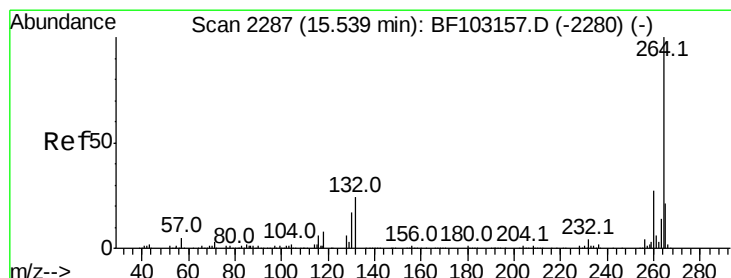
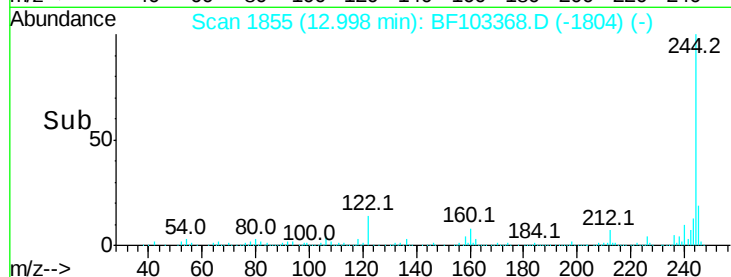
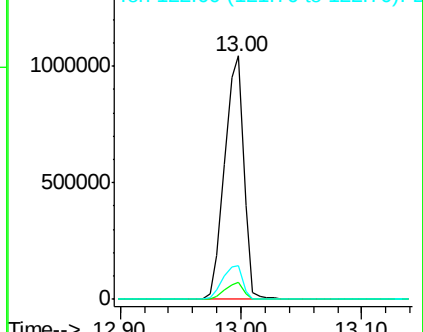
122 13.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103368.D

Acq: 2 Mar 2018 16:38

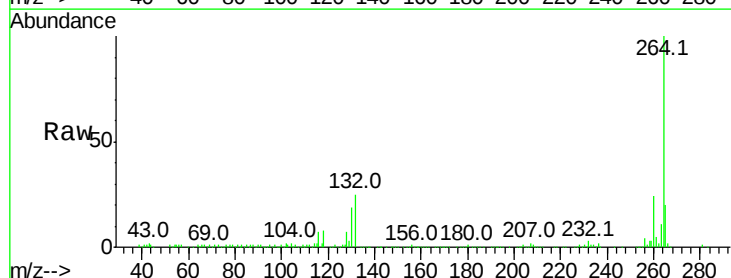
Tgt Ion:264 Resp: 352744

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 19.9 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

