

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098356.D
 Acq On : 8 Sep 2017 17:52
 Operator : SJ/JU
 Sample : PB102122BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BL

Quant Time: Sep 08 18:25:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 15:02:28 2017
 Response via : Initial Calibration

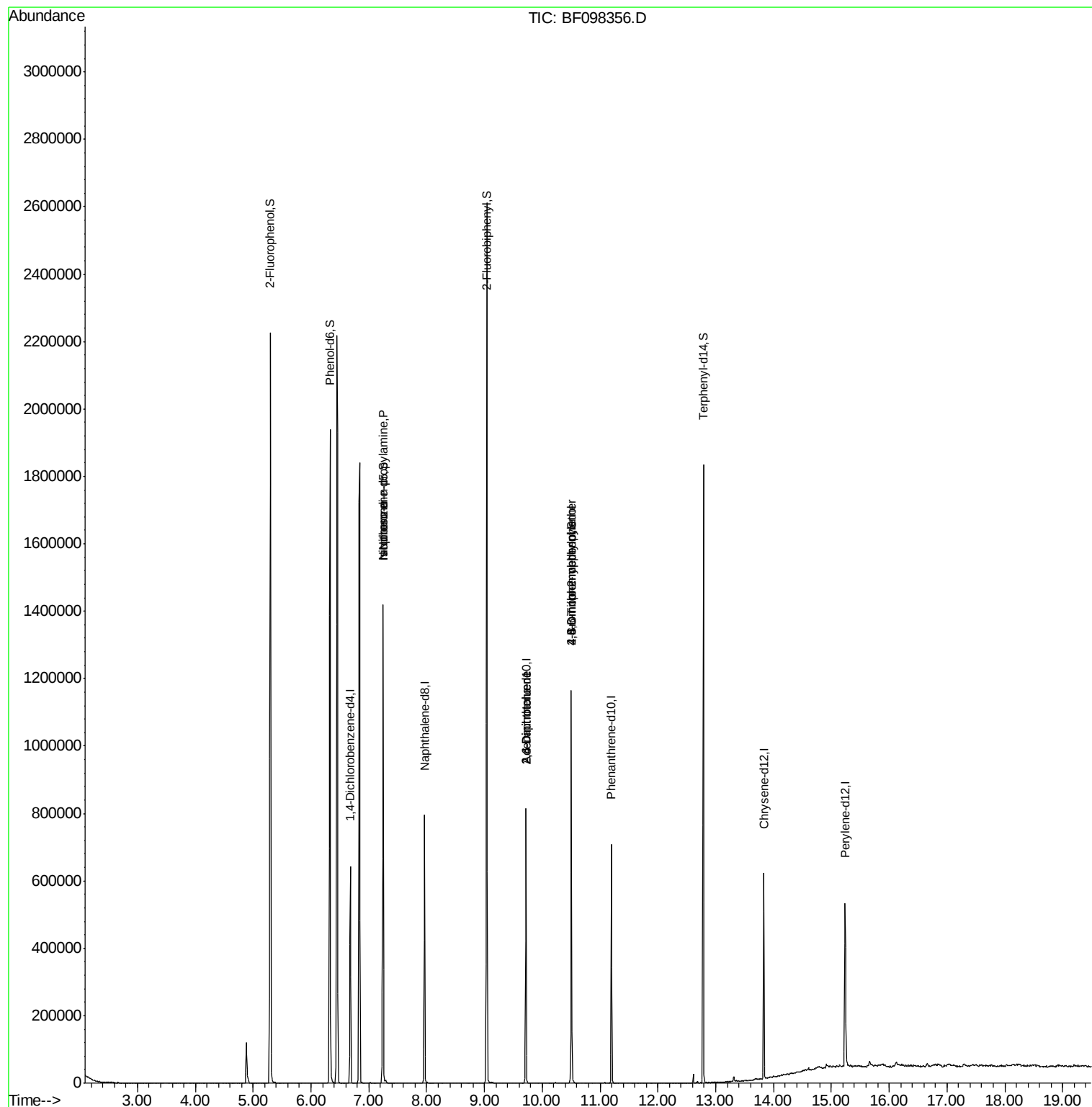
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	91411	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	346566	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	145670	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	232921	20.00	ng	0.00
75) Chrysene-d12	13.83	240	202624	20.00	ng	0.00
86) Perylene-d12	15.24	264	198677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	684553	113.91	ng	0.02
7) Phenol-d6	6.33	99	907739	111.17	ng	0.00
23) Nitrobenzene-d5	7.25	82	542468	85.03	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	148140	117.21	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	871538	87.90	ng	0.00
78) Terphenyl-d14	12.79	244	585453	60.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	68048	12.174	ng	# 70
25) Isophorone	7.25	82	542464	40.893	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	18135	8.532	ng	# 33
56) 2,4-Dinitrotoluene	9.72	165	18135	6.799	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.50	198	112	8.405	ng	# 1
66) 4-Bromophenyl-phenylether	10.50	248	8980	3.713	ng	# 1

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

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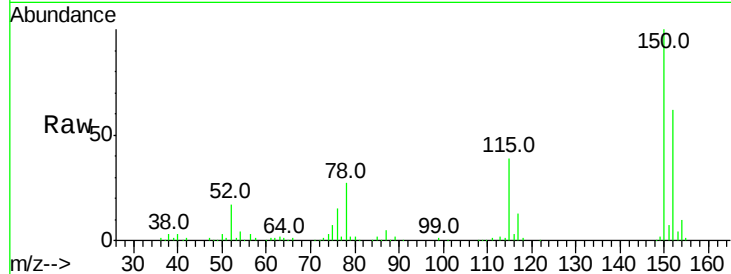


#1

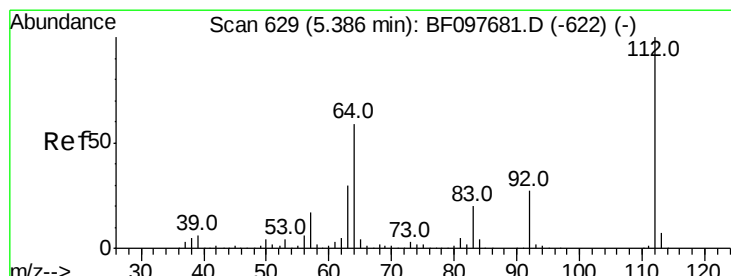
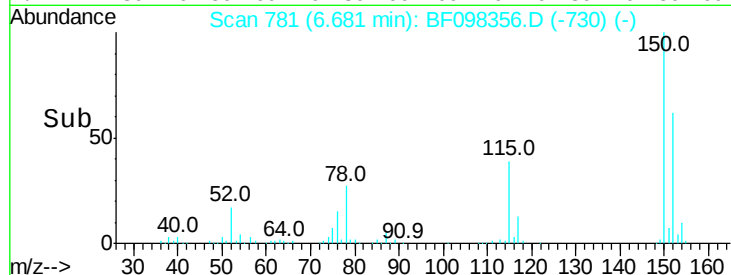
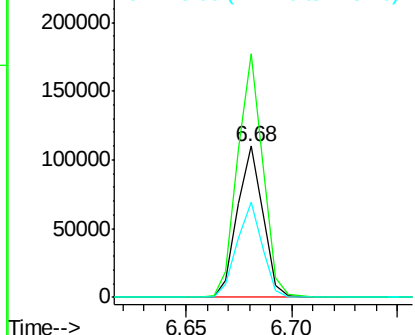
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF098356.D
Acq: 8 Sep 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB102122BL

Tot Ion:152 Resp: 91411
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.2
115 63.2 52.2 78.2



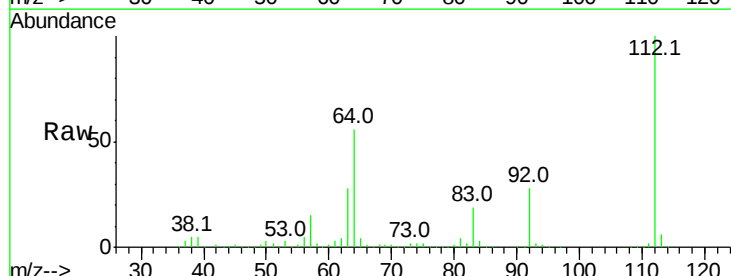
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



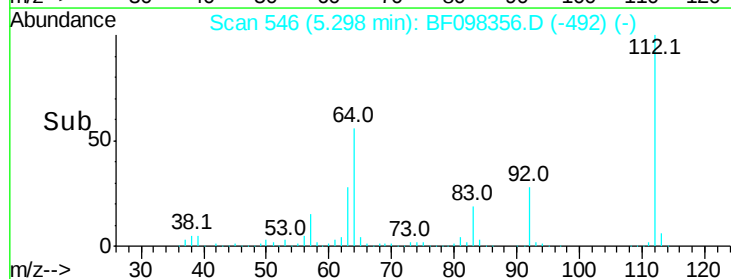
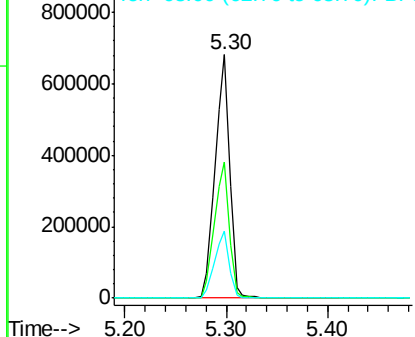
#5

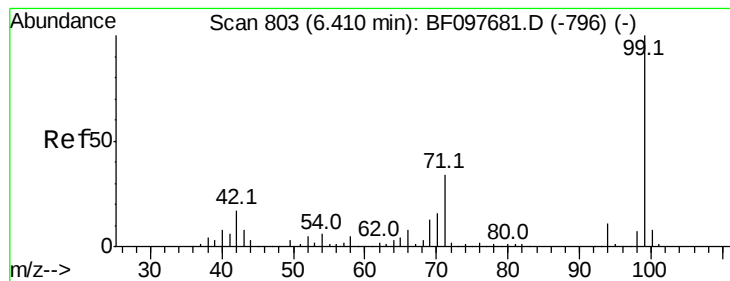
2-Fluorophenol
Concen: 113.909 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.02 min
Lab File: BF098356.D
Acq: 8 Sep 2017 17:52

Tgt Ion:112 Resp: 684553
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 27.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.169 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB102122BL

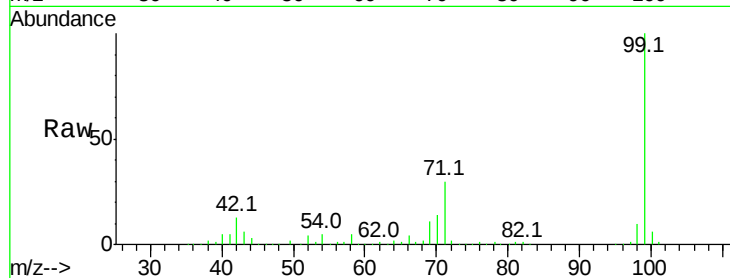
Tot Ion: 99 Resp: 907739

Ion Ratio Lower Upper

99 100

42 12.5 13.5 20.3#

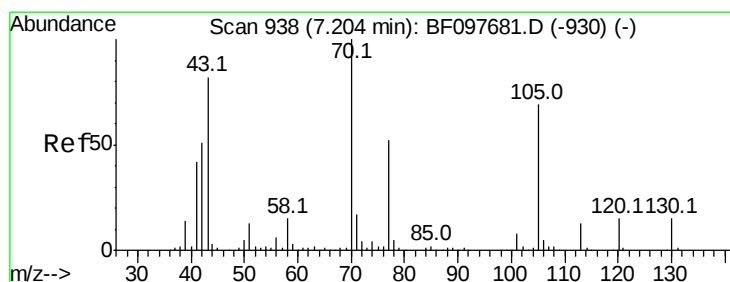
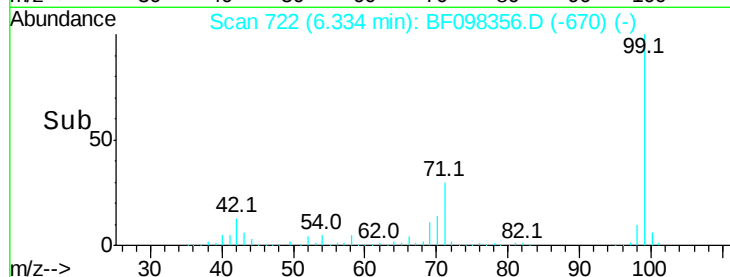
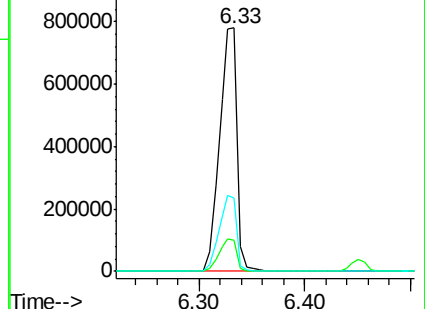
71 30.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.174 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.15 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

Tgt Ion: 70 Resp: 68048

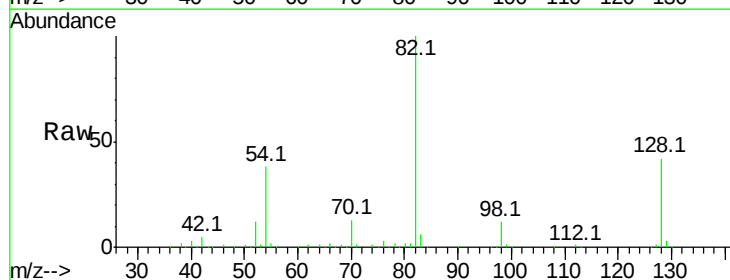
Ion Ratio Lower Upper

70 100

42 37.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

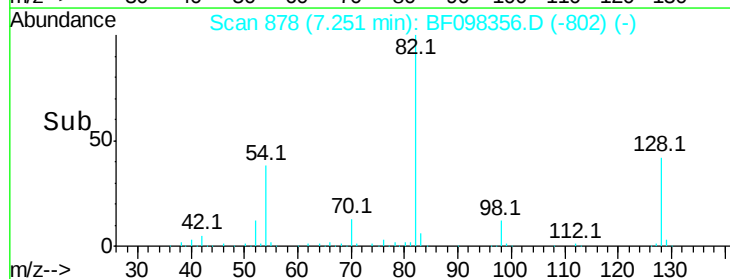
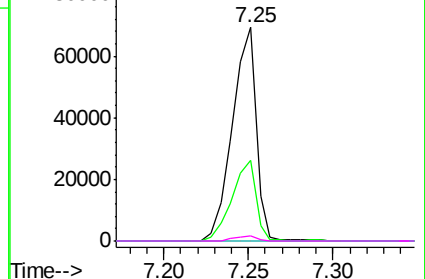


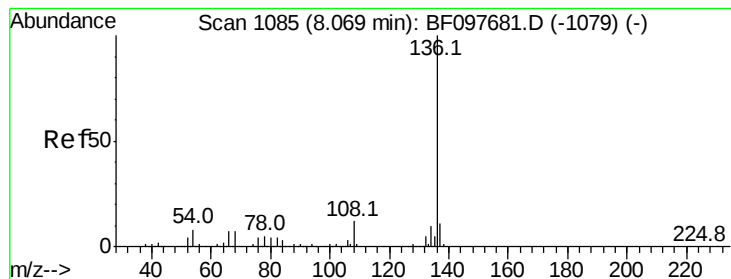
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB102122BL

Tot Ion:136 Resp: 346566

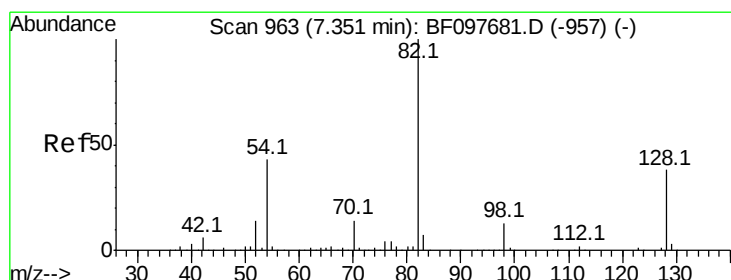
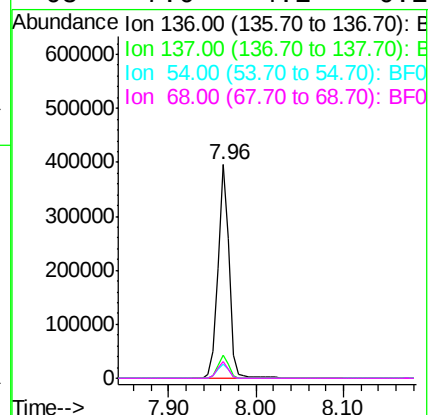
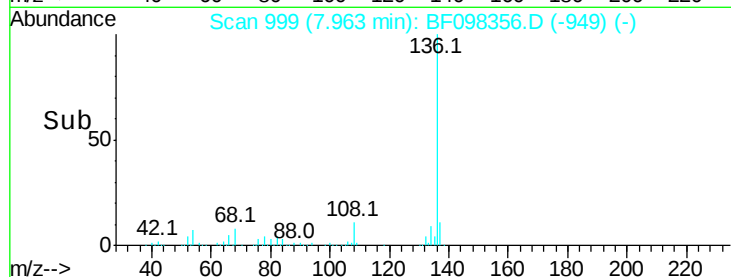
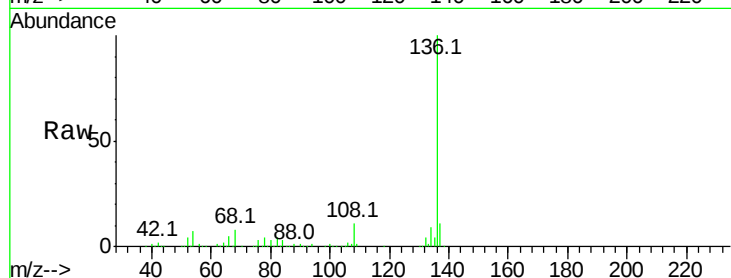
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 7.6 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 85.032 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

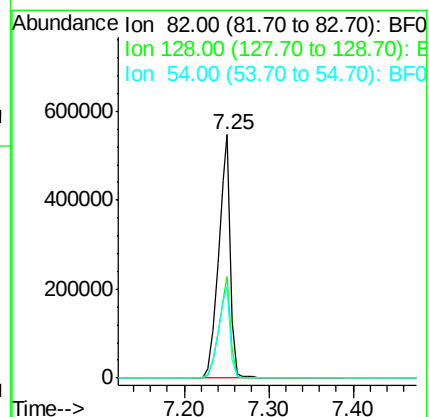
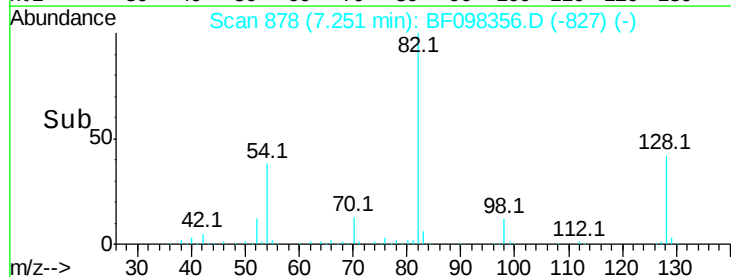
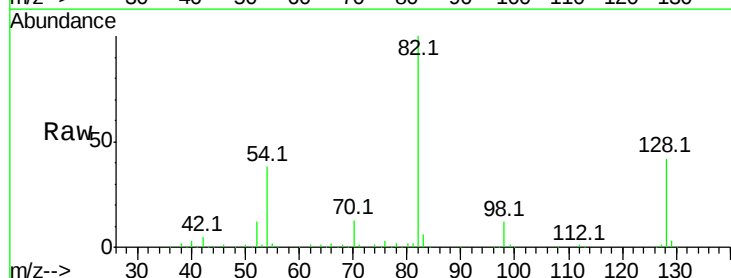
Tgt Ion: 82 Resp: 542468

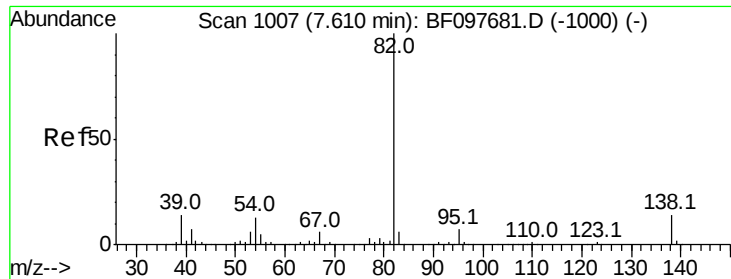
Ion Ratio Lower Upper

82 100

128 41.8 34.0 51.0

54 37.5 42.2 63.2#





#25

Isophorone

Concen: 40.893 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.26 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB102122BL

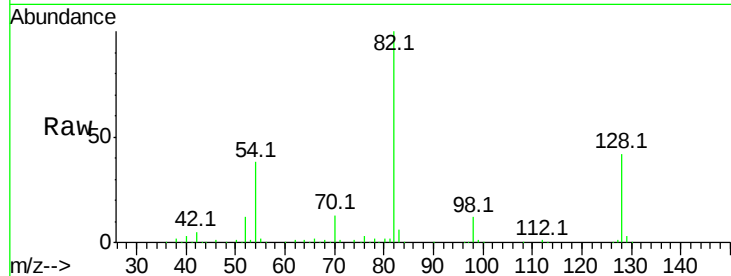
Tot Ion: 82 Resp: 542464

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

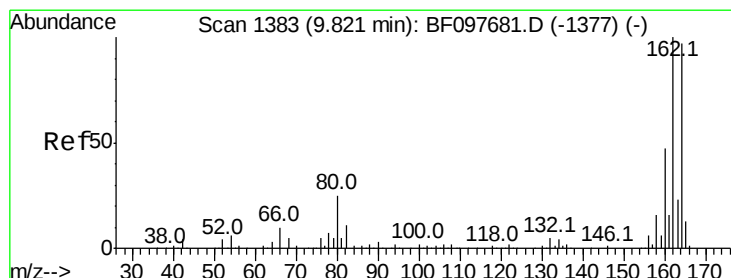
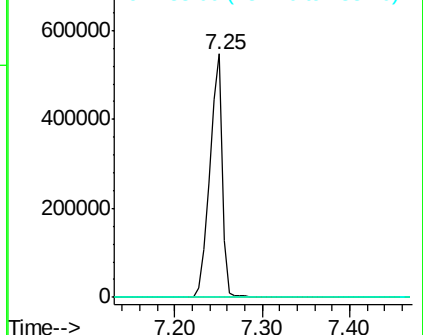
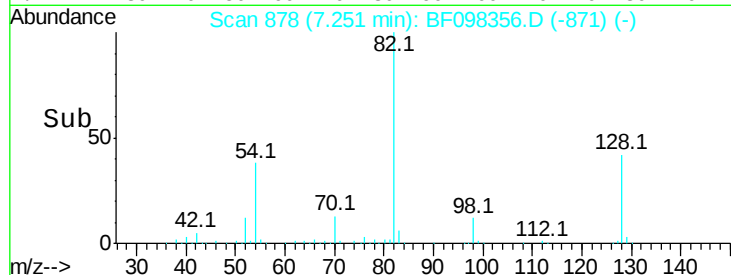
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

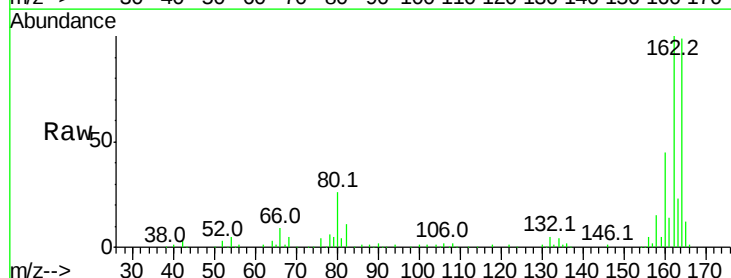
Tgt Ion:164 Resp: 145670

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

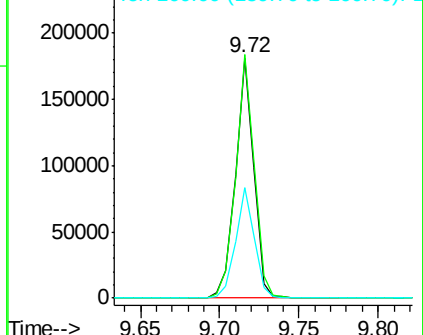
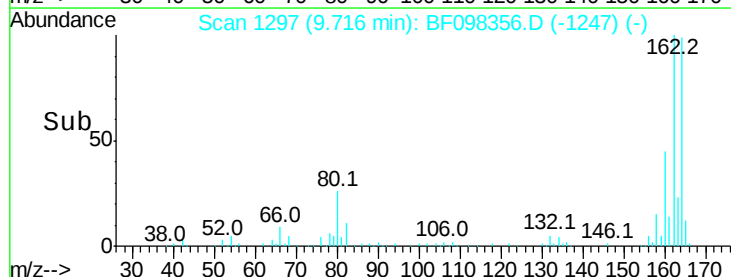
160 45.8 36.2 54.2



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

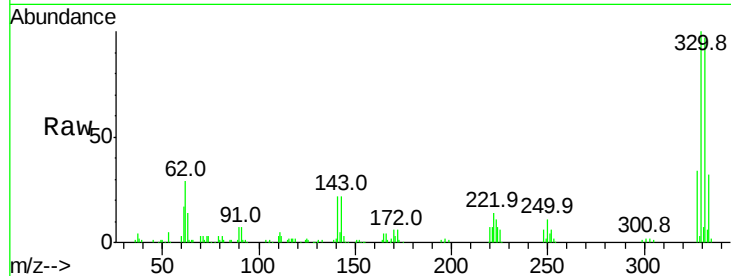




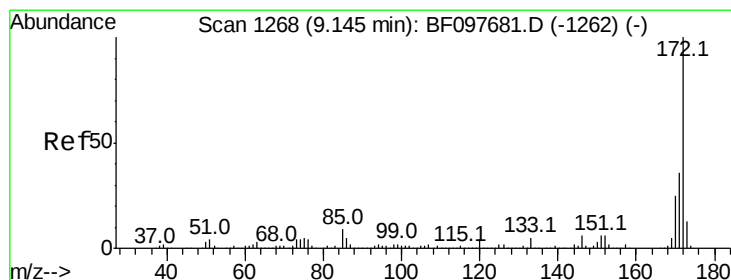
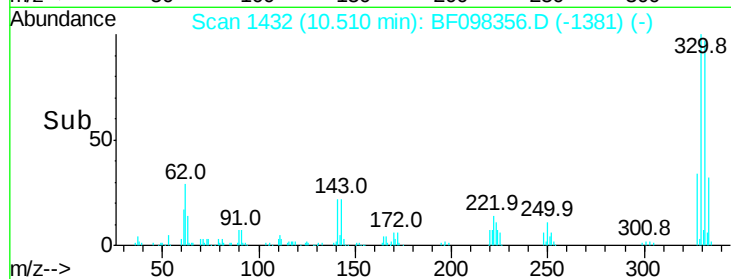
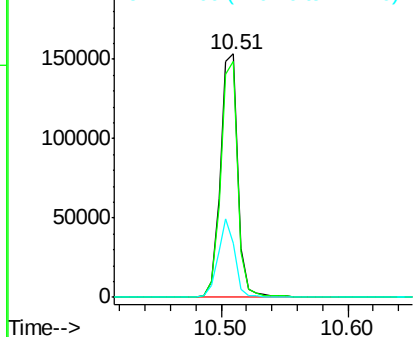
#41
 2,4,6-Tribromophenol
 Concen: 117.206 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF098356.D
 Acq: 8 Sep 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BL

Tot Ion:330 Resp: 148140
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 30.6 31.4 47.2#

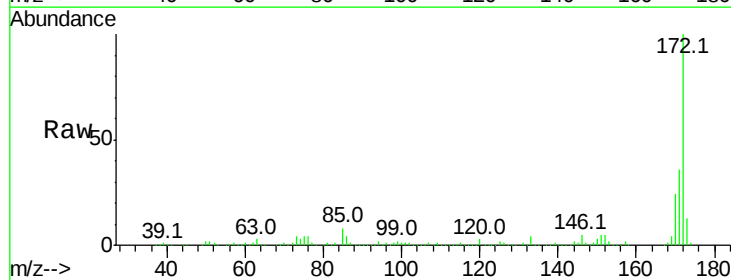


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

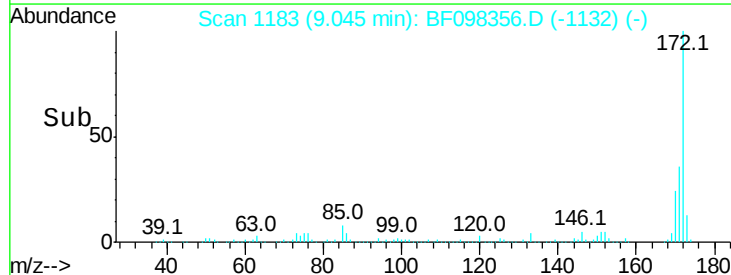
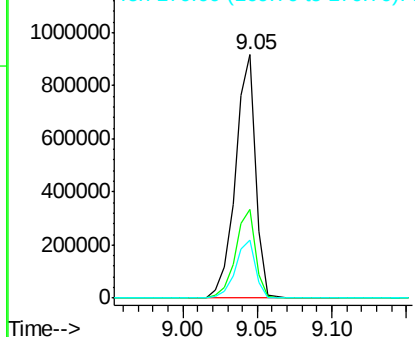


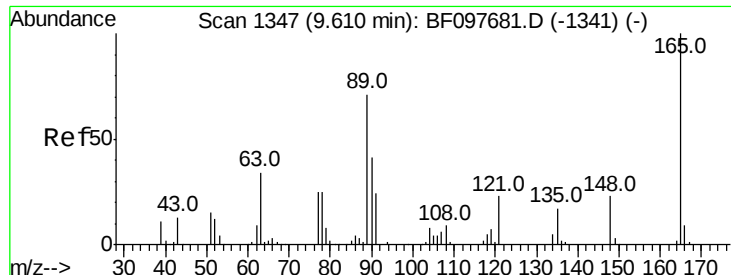
#44
 2-Fluorobiphenyl
 Concen: 87.902 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF098356.D
 Acq: 8 Sep 2017 17:52

Tgt Ion:172 Resp: 871538
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.9 19.8 29.8



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

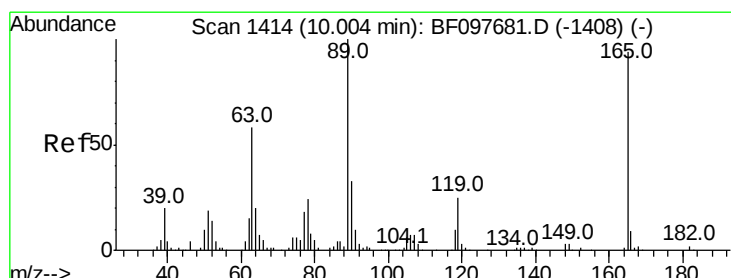
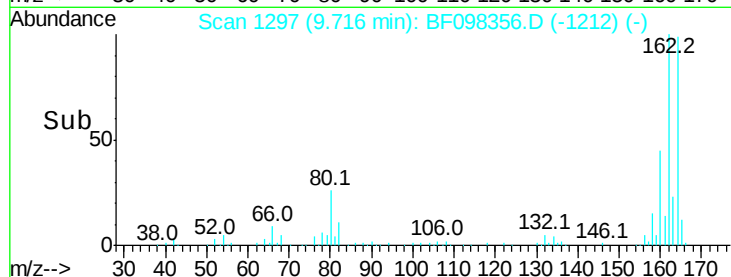
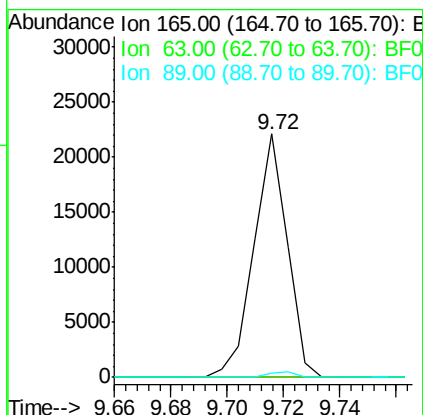
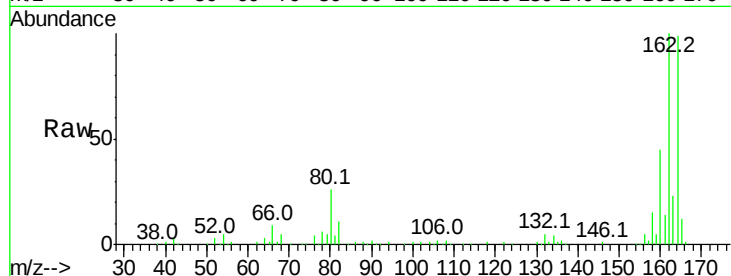




#50
 2,6-Dinitrotoluene
 Concen: 8.532 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.20 min
 Lab File: BF098356.D
 Acq: 8 Sep 2017 17:52

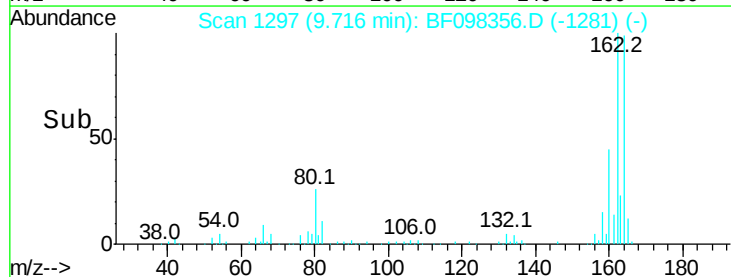
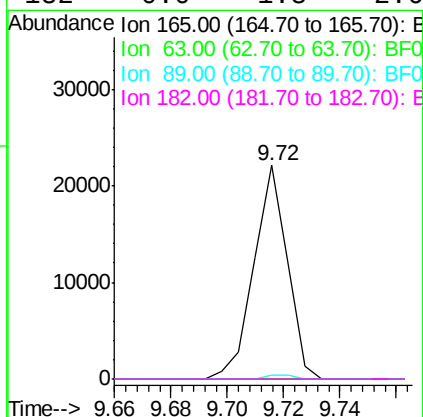
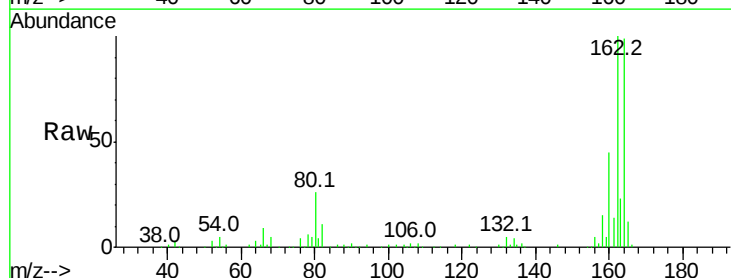
Instrument :
 BNA_F
 ClientSampleId :
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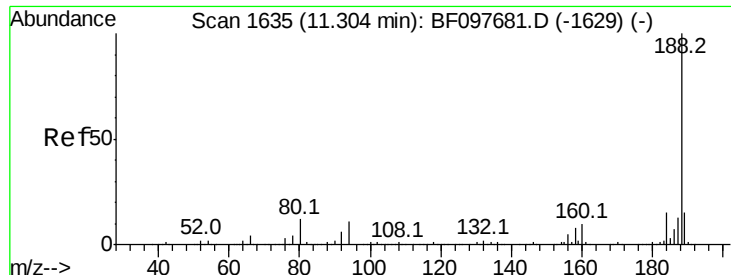
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.6	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.799 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF098356.D
 Acq: 8 Sep 2017 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB102122BL

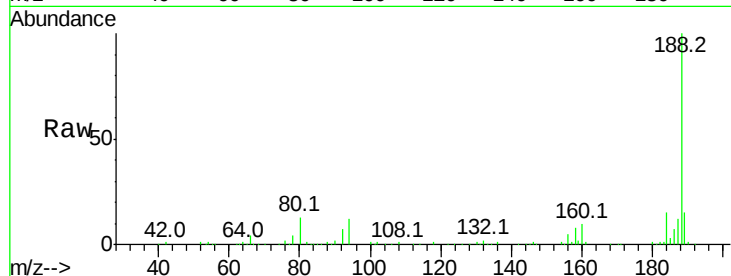
Tot Ion:188 Resp: 232921

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

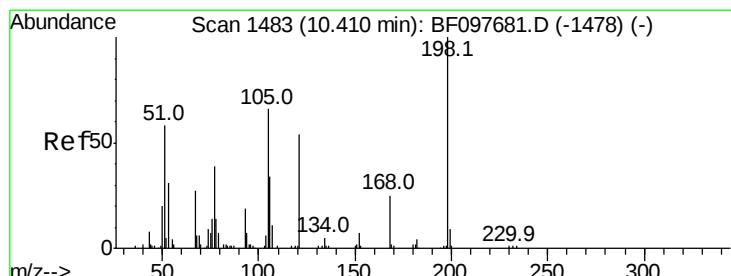
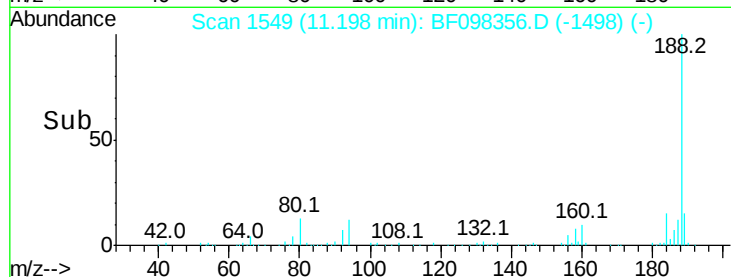
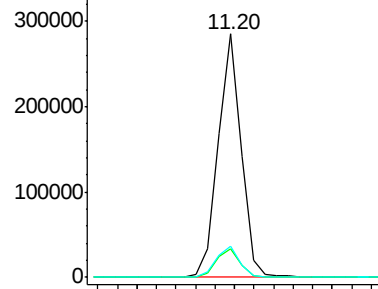
80 12.8 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 8.405 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.17 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

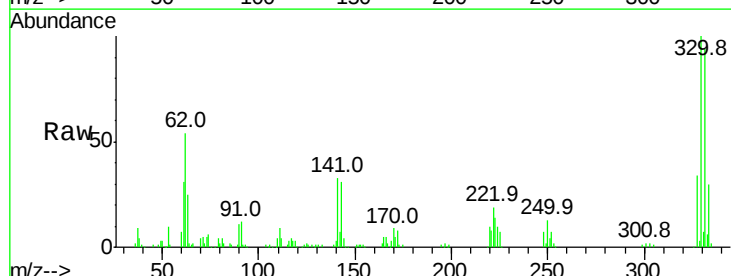
Tgt Ion:198 Resp: 112

Ion Ratio Lower Upper

198 100

51 213.9 53.2 93.2#

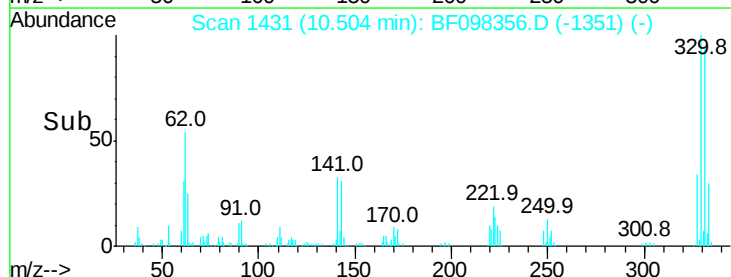
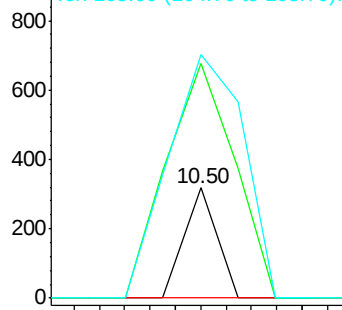
105 221.5 45.8 85.8#

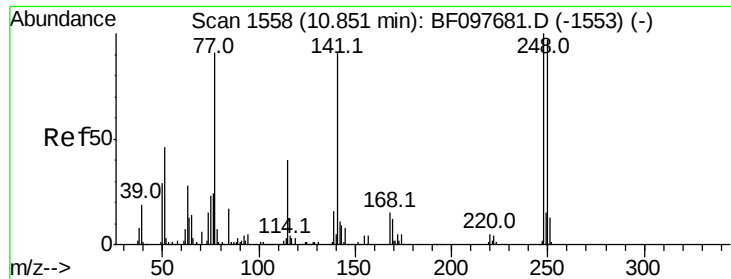


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

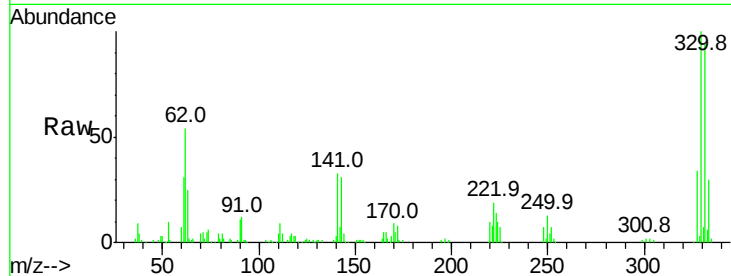




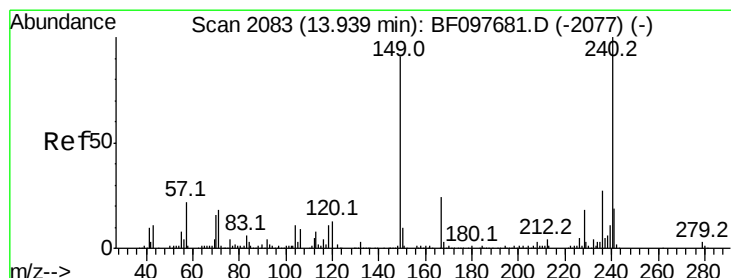
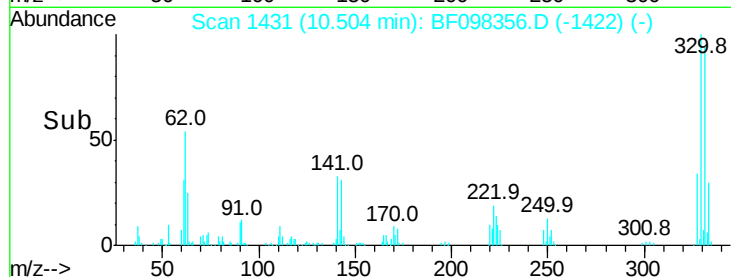
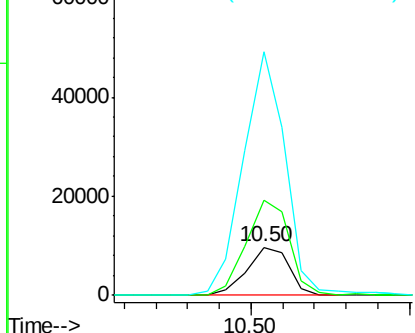
#66
 4-Bromophenyl-phenylether
 Concen: 3.713 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF098356.D
 Acq: 8 Sep 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BL

Tot Ion:248 Resp: 8980
 Ion Ratio Lower Upper
 248 100
 250 197.6 76.8 115.2#
 141 505.2 68.6 103.0#

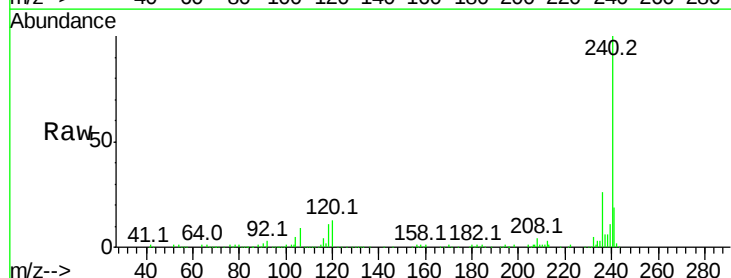


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

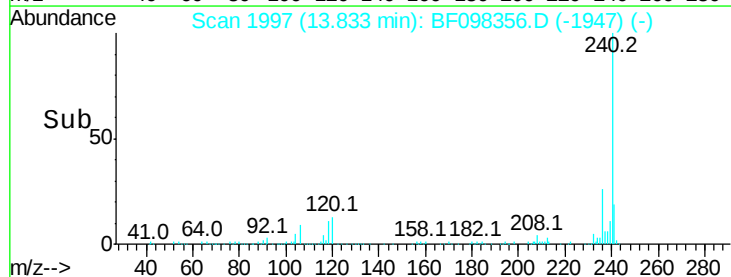
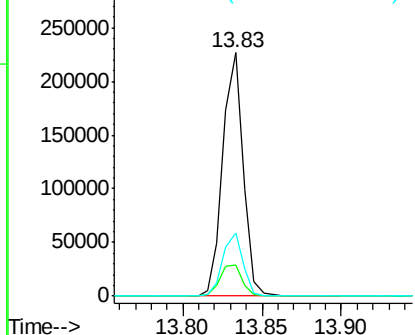


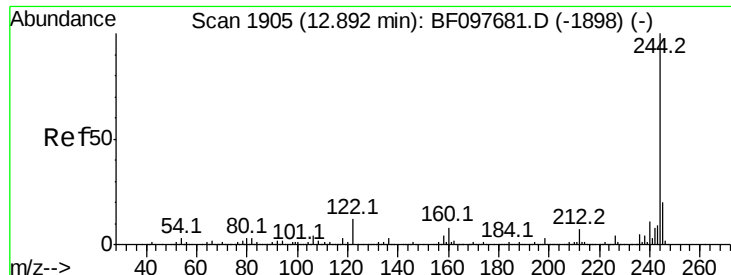
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098356.D
 Acq: 8 Sep 2017 17:52

Tgt Ion:240 Resp: 202624
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 25.9 20.5 30.7



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: 60.253 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB102122BL

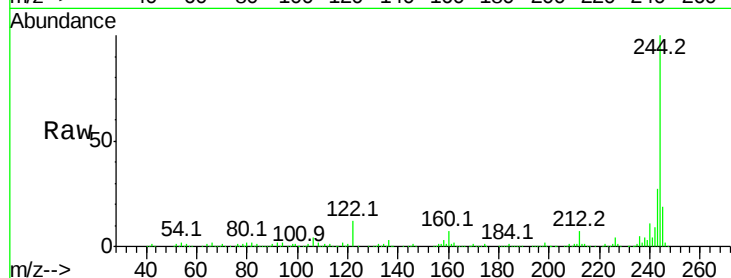
Tot Ion:244 Resp: 585453

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

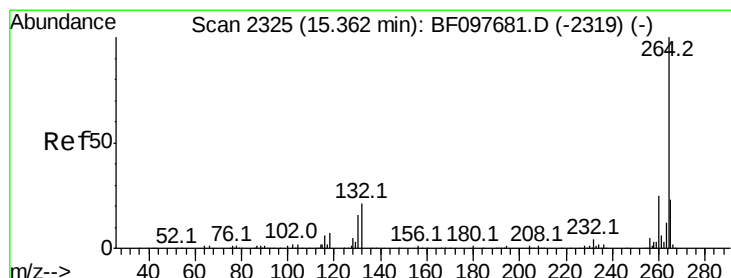
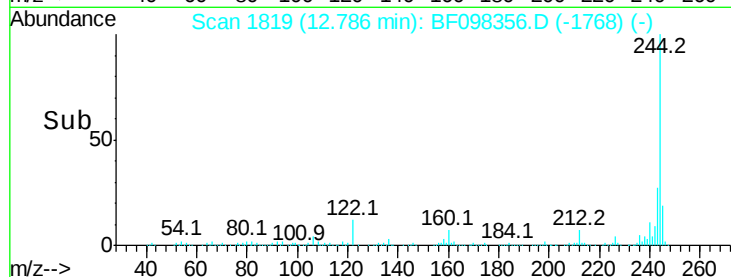
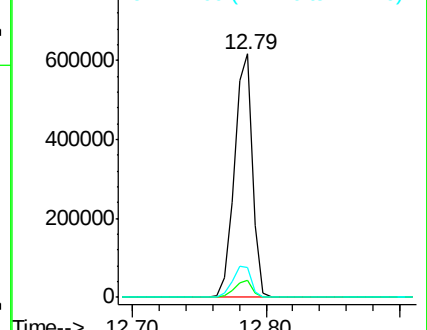
122 12.0 10.3 15.5



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF098356.D

Acq: 8 Sep 2017 17:52

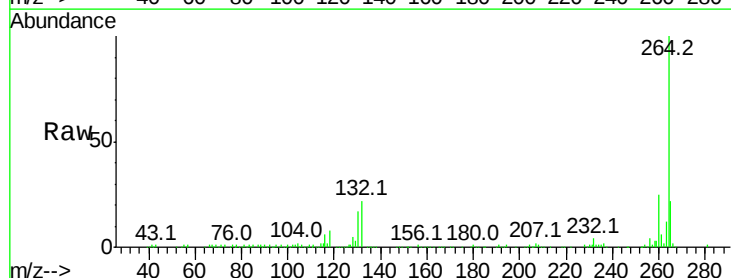
Tgt Ion:264 Resp: 198677

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.8 17.2 25.8



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

