

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098374.D
 Acq On : 9 Sep 2017 4:36
 Operator : SJ/JU
 Sample : PB102179BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BL

Quant Time: Sep 09 05:33:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

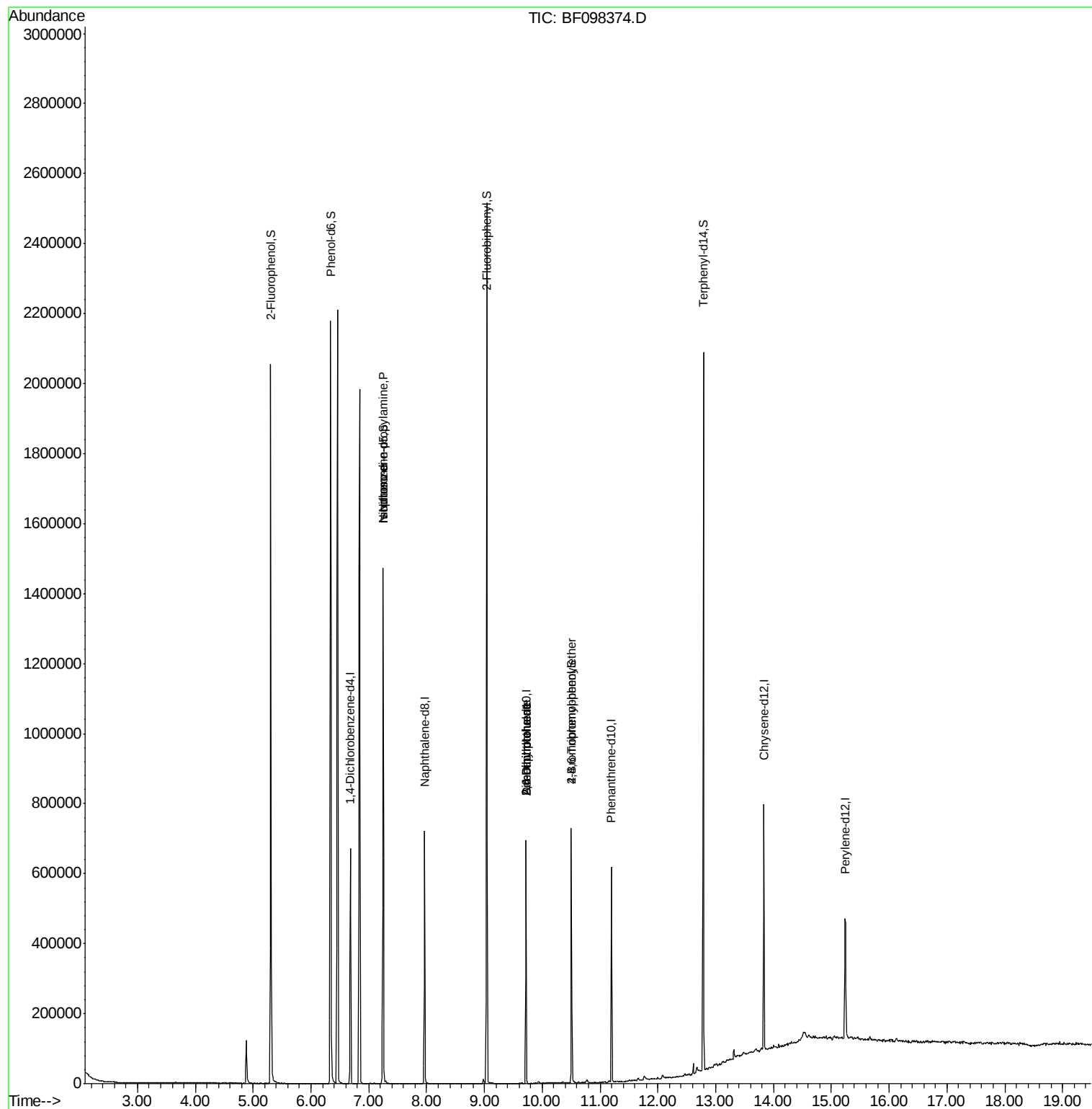
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	93495	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	325489	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	115745	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	202186	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	214635	20.00	ng	-0.03
86) Perylene-d12	15.24	264	143870	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	643847	104.75	ng	0.00
7) Phenol-d6	6.34	99	874308	104.69	ng	-0.01
23) Nitrobenzene-d5	7.25	82	527659	88.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	87326	86.95	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	760197	96.50	ng	-0.02
78) Terphenyl-d14	12.79	244	618545	60.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	67620	11.828	ng	# 68
25) Isophorone	7.25	82	527650	42.352	ng	# 67
49) Dimethylphthalate	9.72	163	34141	4.035	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	14469	8.568	ng	# 31
56) 2,4-Dinitrotoluene	9.72	165	14469	6.827	ng	# 31
66) 4-Bromophenyl-phenylether	10.51	248	5798	2.762	ng	# 1

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

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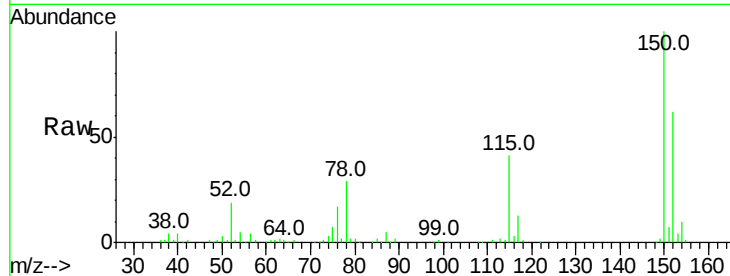


#1

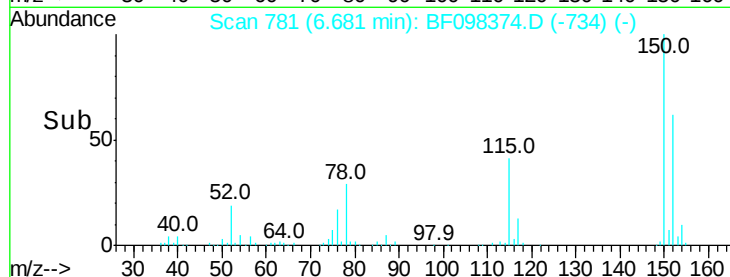
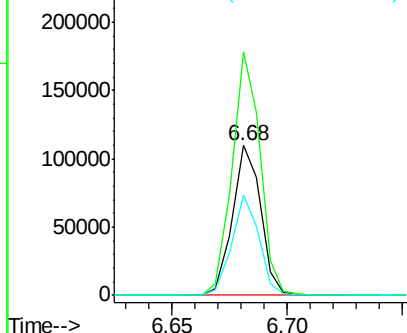
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF098374.D
 Acq: 9 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BL

Tot Ion:152 Resp: 93495
 Ion Ratio Lower Upper
 152 100
 150 162.2 126.2 189.2
 115 66.5 52.2 78.2



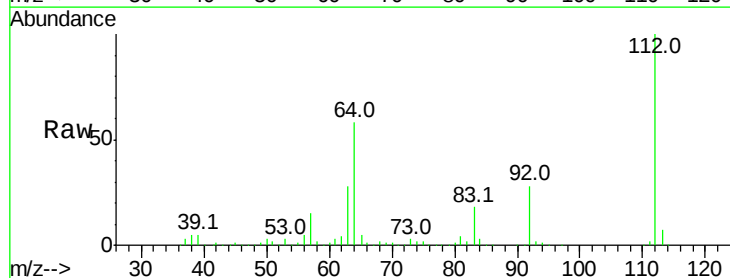
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



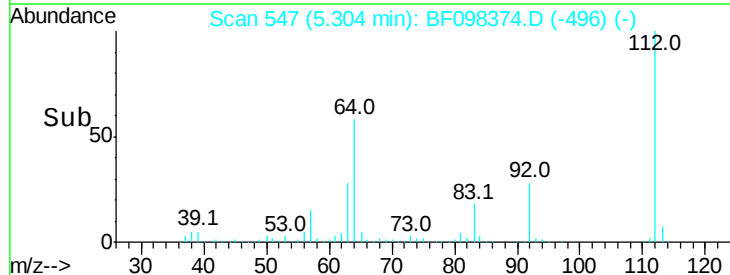
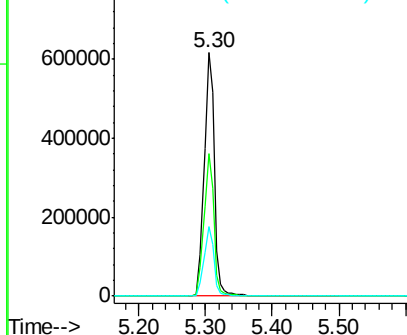
#5

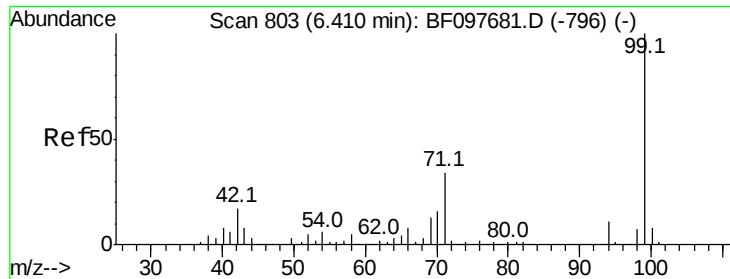
2-Fluorophenol
 Concen: 104.748 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF098374.D
 Acq: 9 Sep 2017 4:36

Tgt Ion:112 Resp: 643847
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.0 69.0
 63 28.5 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: 104.688 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098374.D

Acq: 9 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102179BL

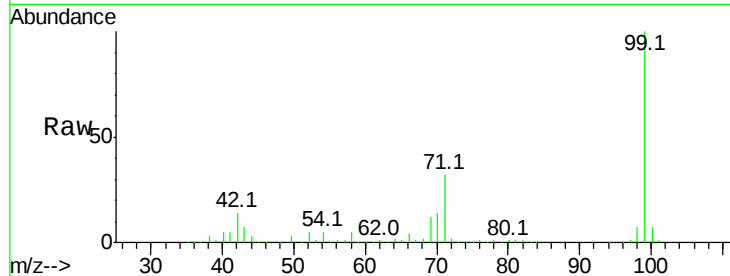
Tot Ion: 99 Resp: 874308

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

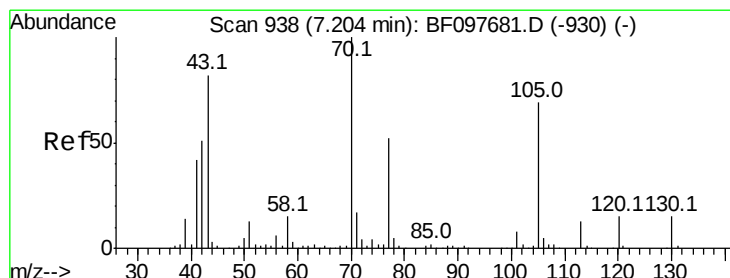
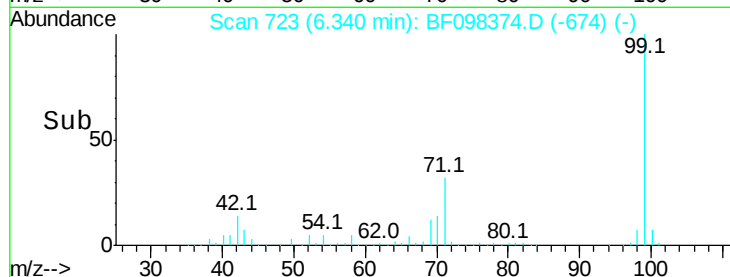
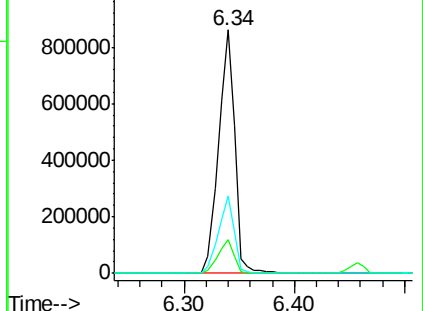
71 31.8 24.5 36.7



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: 11.828 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF098374.D

Acq: 9 Sep 2017 4:36

Tgt Ion: 70 Resp: 67620

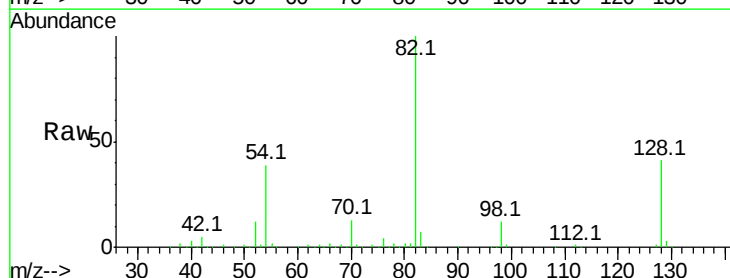
Ion Ratio Lower Upper

70 100

42 36.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

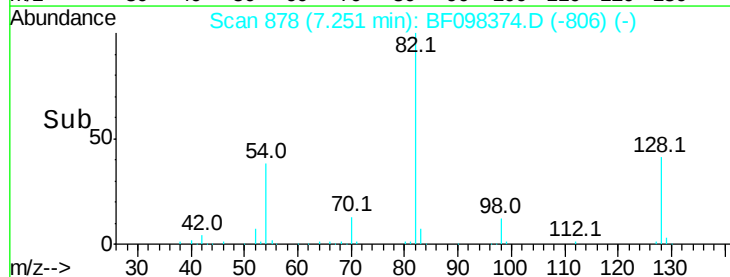
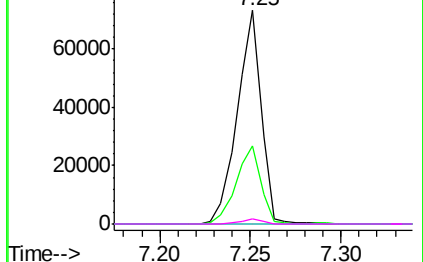


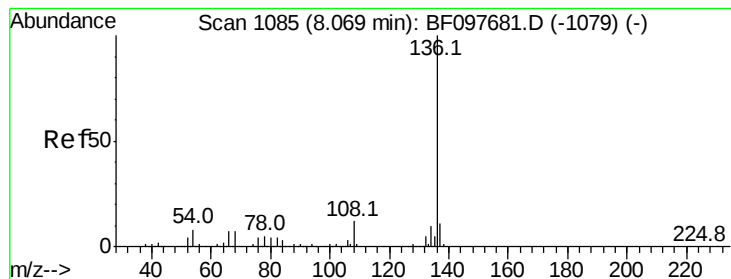
Abundance Ion 70.00 (69.70 to 70.70): BF0

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. -0.02 min

Lab File: BF098374.D

Acq: 9 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102179BL

Tot Ion:136 Resp: 325489

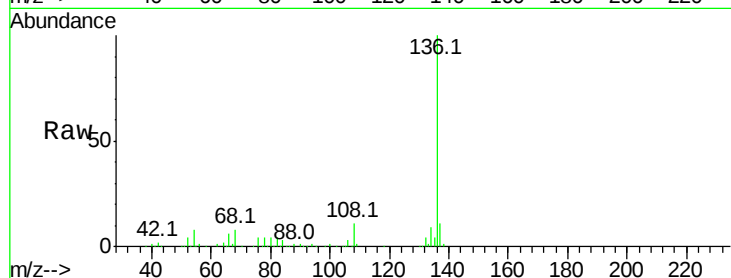
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.9 4.9 7.3#

68 7.7 4.1 6.1#

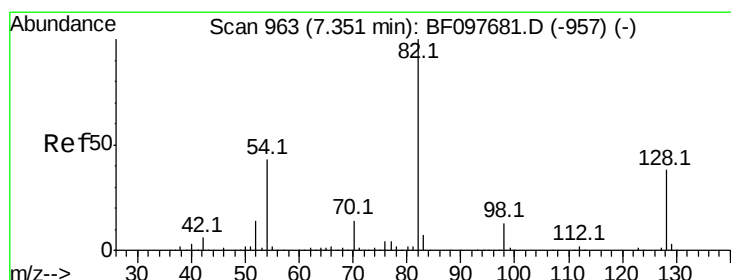
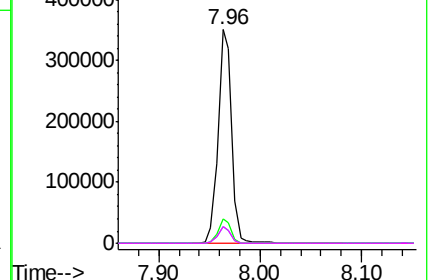
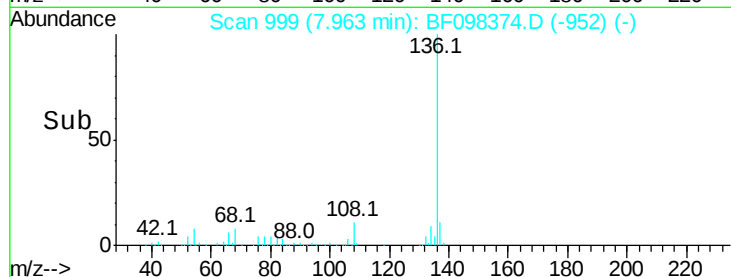


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.067 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF098374.D

Acq: 9 Sep 2017 4:36

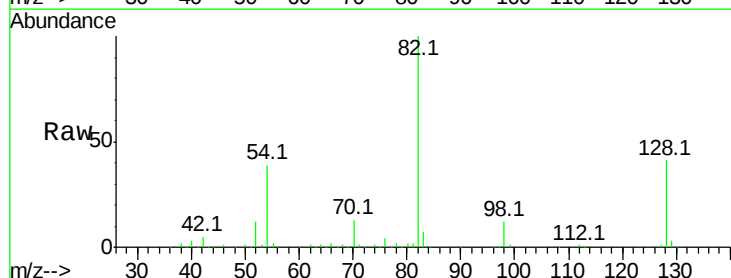
Tgt Ion: 82 Resp: 527659

Ion Ratio Lower Upper

82 100

128 41.4 34.0 51.0

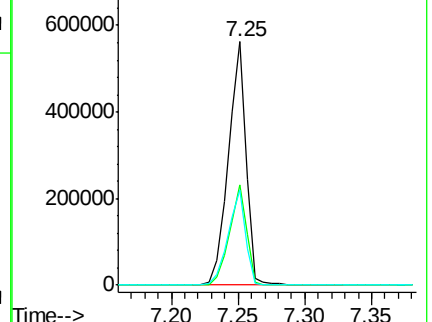
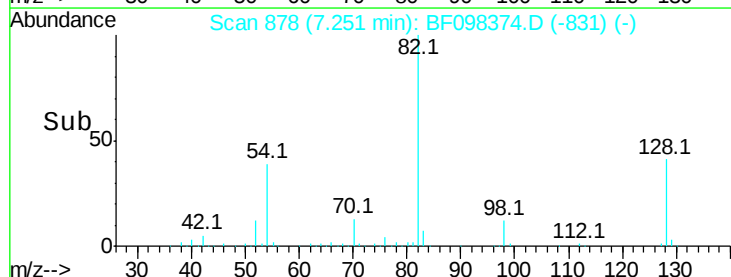
54 38.9 42.2 63.2#

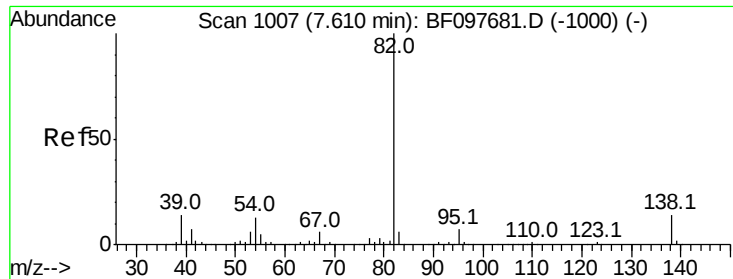


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

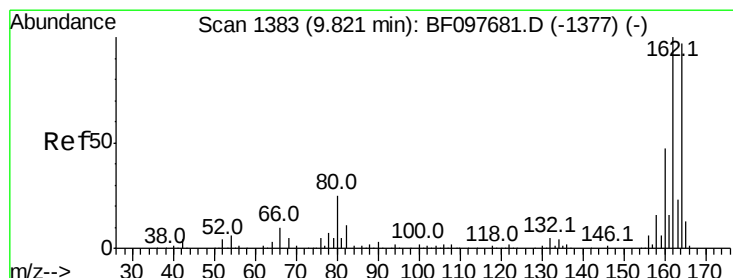
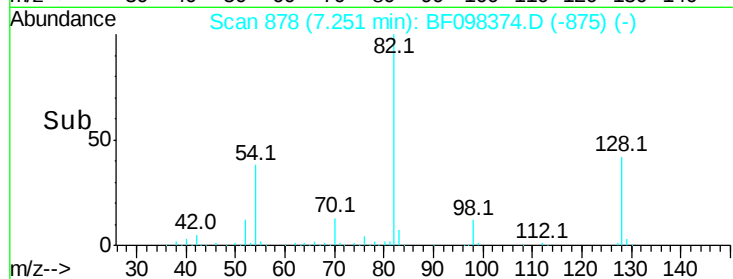
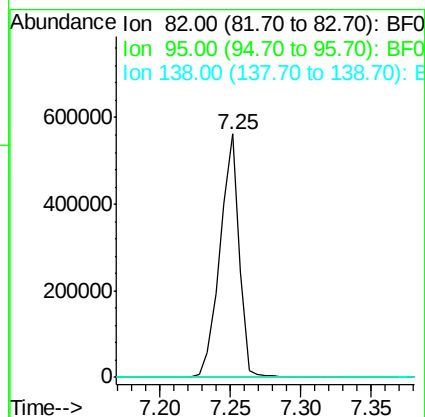
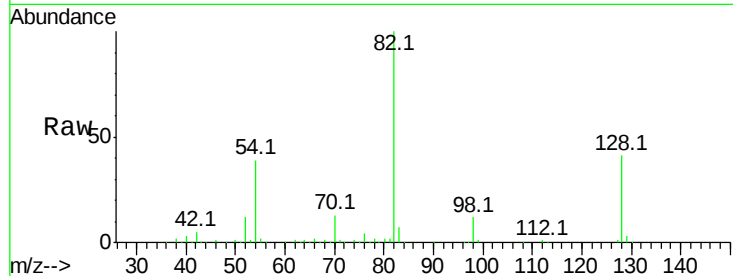




#25
Isophorone
Concen: 42.352 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF098374.D
Acq: 9 Sep 2017 4:36

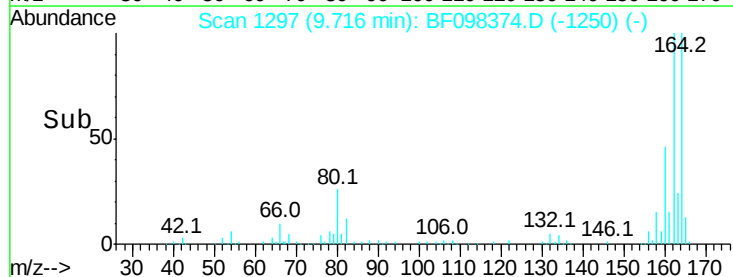
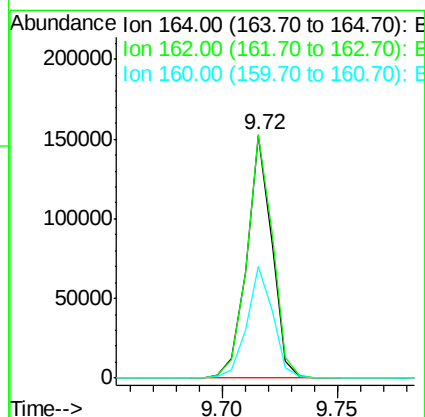
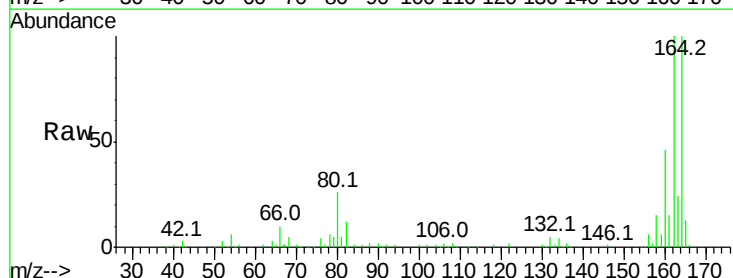
Instrument :
BNA_F
ClientSampleId :
PB102179BL

Tot Ion: 82 Resp: 527650
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098374.D
Acq: 9 Sep 2017 4:36

Tgt Ion:164 Resp: 115745
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 45.9 36.2 54.2

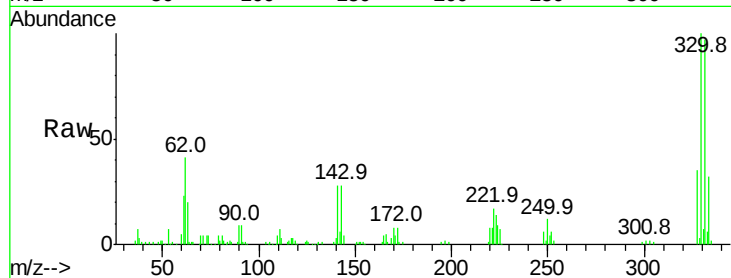




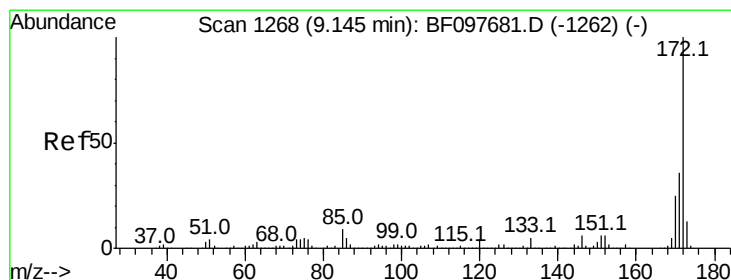
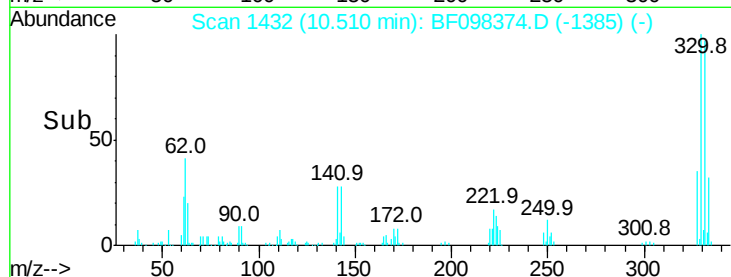
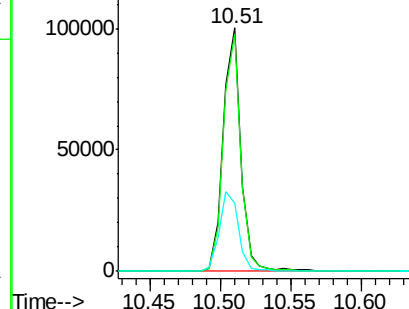
#41
 2,4,6-Tribromophenol
 Concen: 86.954 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098374.D
 Acq: 9 Sep 2017 4:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102179BL

Tot Ion:330 Resp: 87326
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 35.2 31.4 47.2

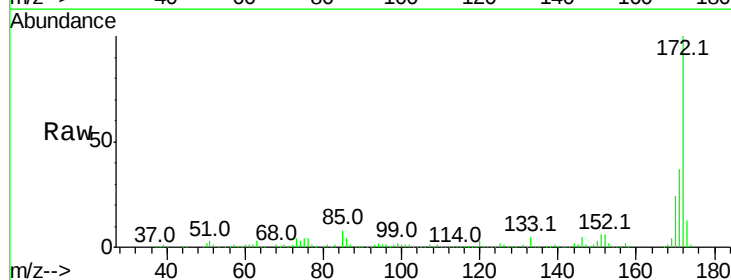


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

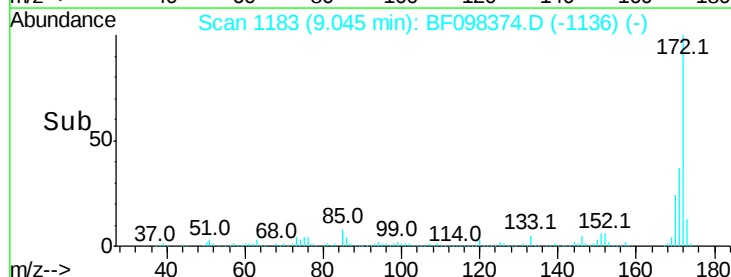
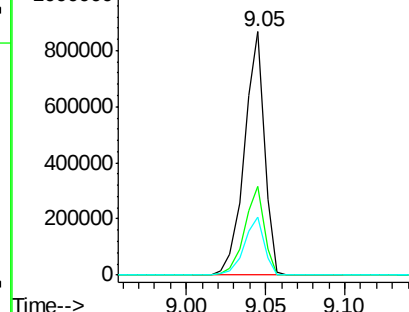


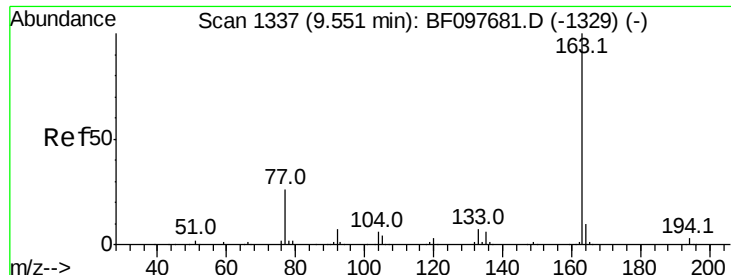
#44
 2-Fluorobiphenyl
 Concen: 96.495 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098374.D
 Acq: 9 Sep 2017 4:36

Tgt Ion:172 Resp: 760197
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 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





#49

Dimethylphthalate

Concen: 4.035 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.24 min

Lab File: BF098374.D

Acq: 9 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102179BL

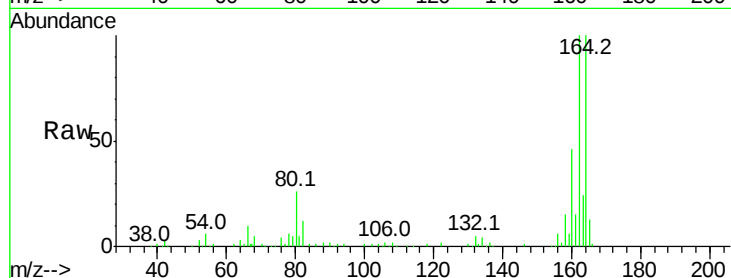
Tot Ion:163 Resp: 34141

Ion Ratio Lower Upper

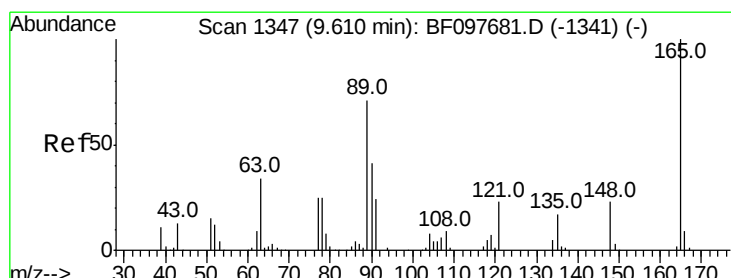
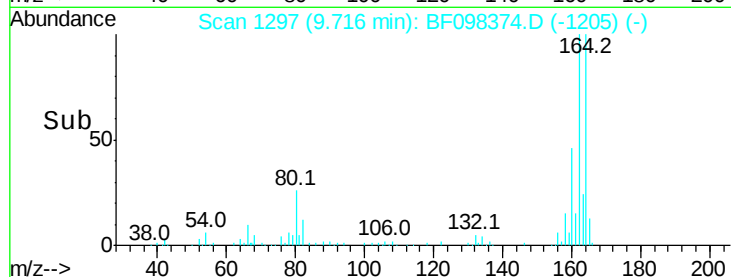
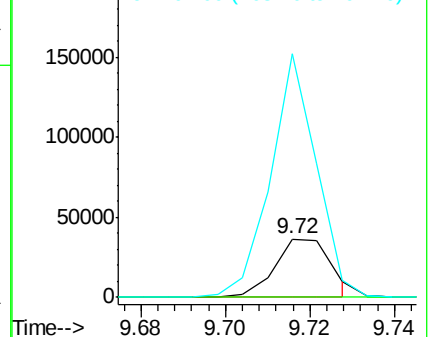
163 100

194 0.0 2.6 4.0#

164 415.2 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.568 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.18 min

Lab File: BF098374.D

Acq: 9 Sep 2017 4:36

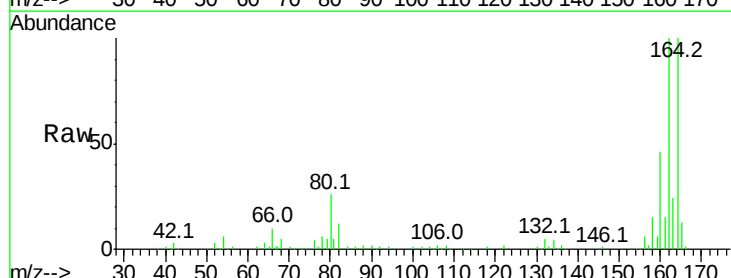
Tgt Ion:165 Resp: 14469

Ion Ratio Lower Upper

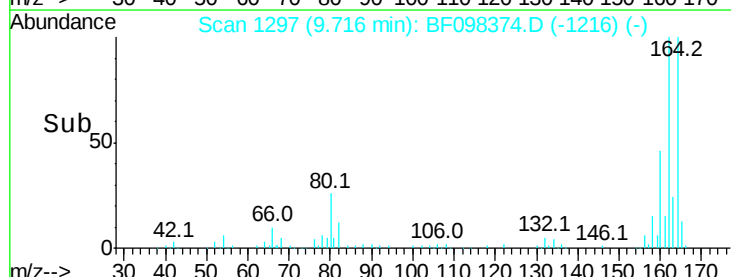
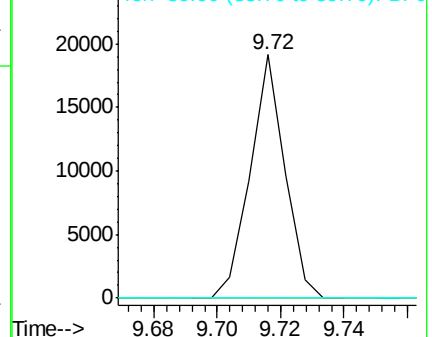
165 100

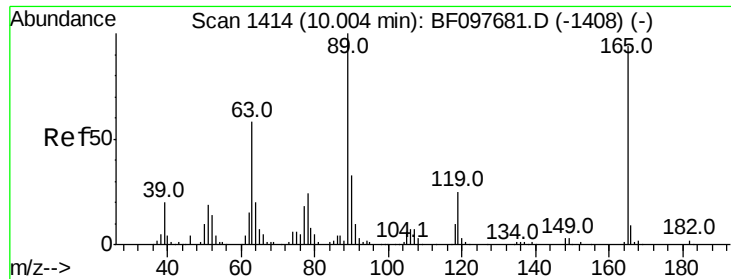
63 0.0 34.3 51.5#

89 0.0 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

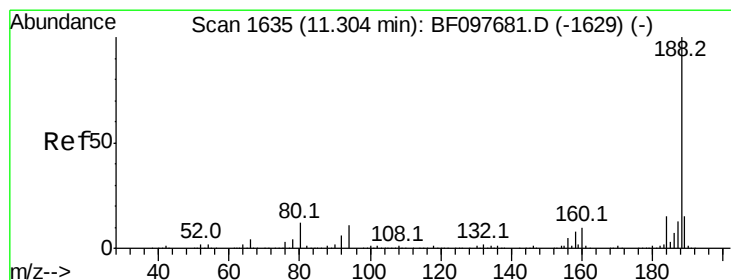
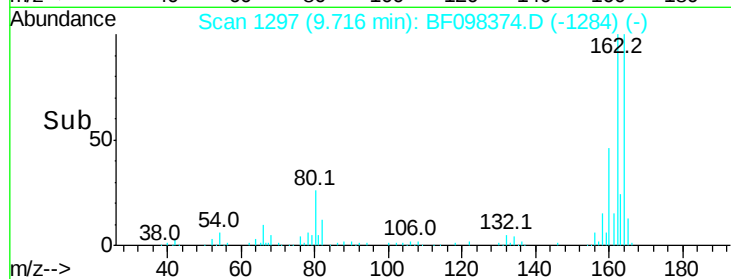
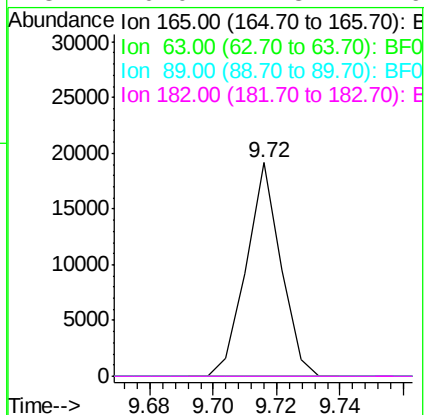
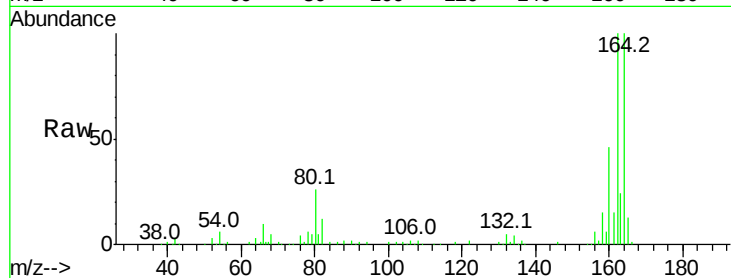




#56
 2,4-Dinitrotoluene
 Concen: 6.827 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF098374.D
 Acq: 9 Sep 2017 4:36

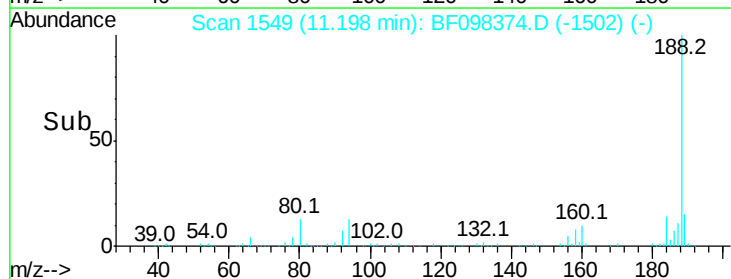
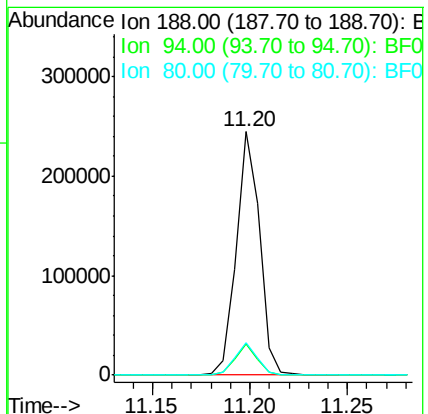
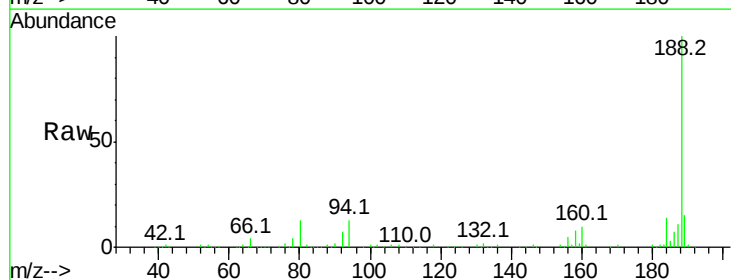
Instrument :
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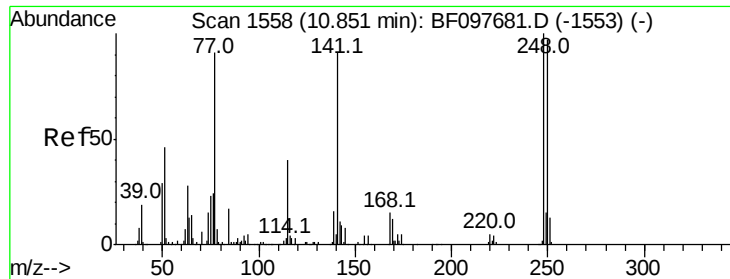
Tot Ion:	165	Resp:	14469
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF098374.D
 Acq: 9 Sep 2017 4:36

Tgt Ion:	188	Resp:	202186
Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.2
80	13.5	10.2	15.2

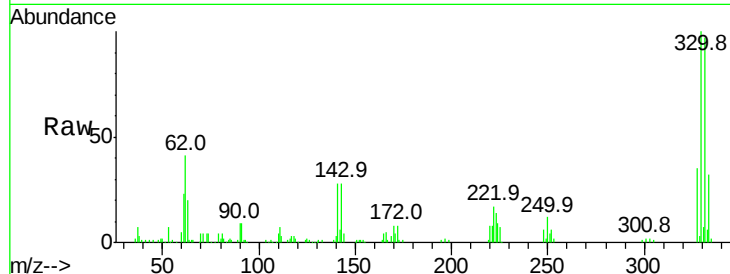




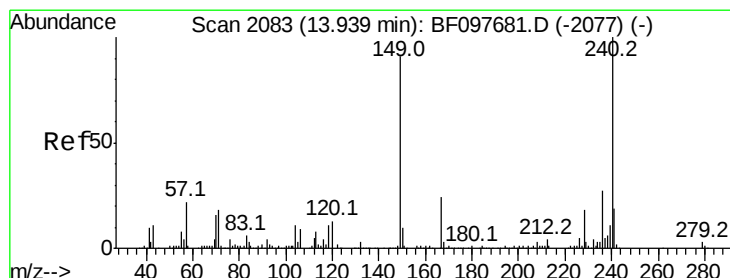
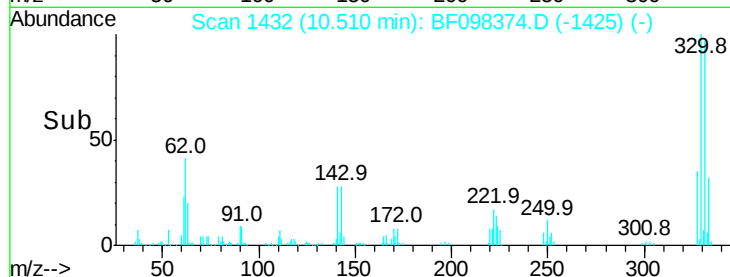
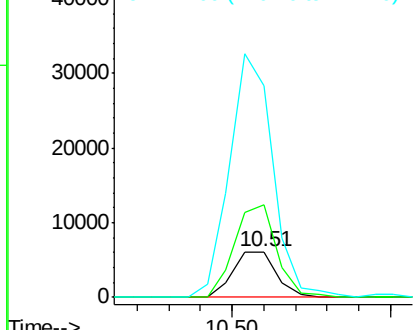
#66
4-Bromophenyl-phenylether
Concen: 2.762 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF098374.D
Acq: 9 Sep 2017 4:36

Instrument :
BNA_F
ClientSampleId :
PB102179BL

Tot Ion:248 Resp: 5798
Ion Ratio Lower Upper
248 100
250 202.0 76.8 115.2#
141 462.7 68.6 103.0#

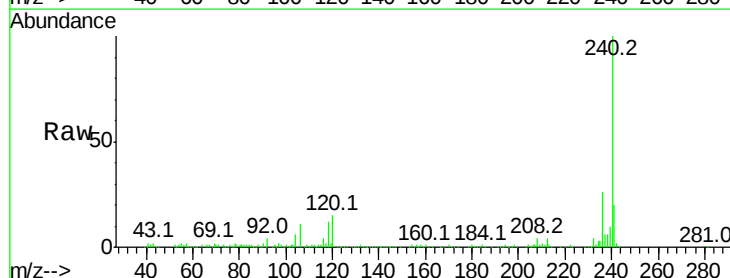


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

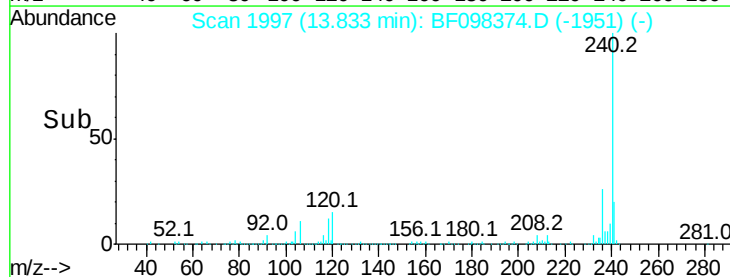
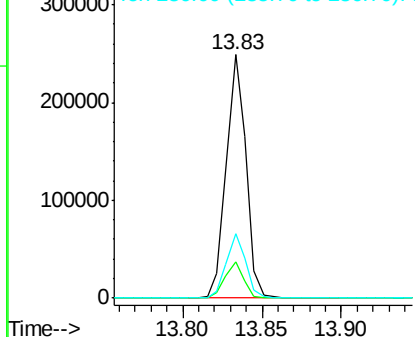


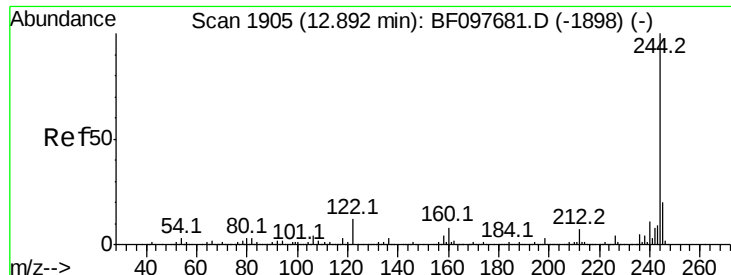
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.03 min
Lab File: BF098374.D
Acq: 9 Sep 2017 4:36

Tgt Ion:240 Resp: 214635
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 26.4 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: 60.096 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF098374.D

Acq: 9 Sep 2017 4:36

Instrument :

BNA_F

ClientSampleId :

PB102179BL

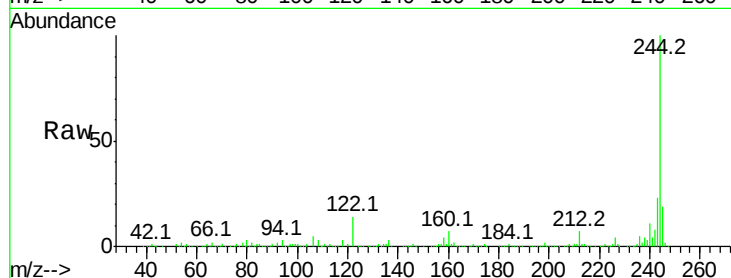
Tot Ion:244 Resp: 618545

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

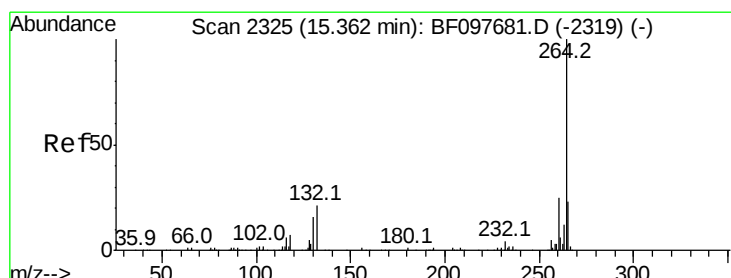
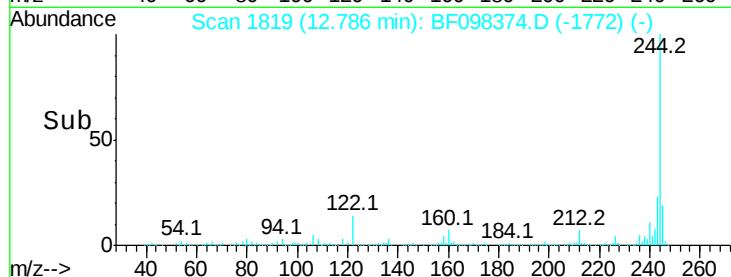
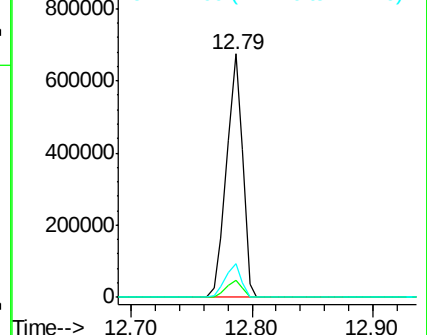
122 13.9 10.3 15.5



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. -0.02 min

Lab File: BF098374.D

Acq: 9 Sep 2017 4:36

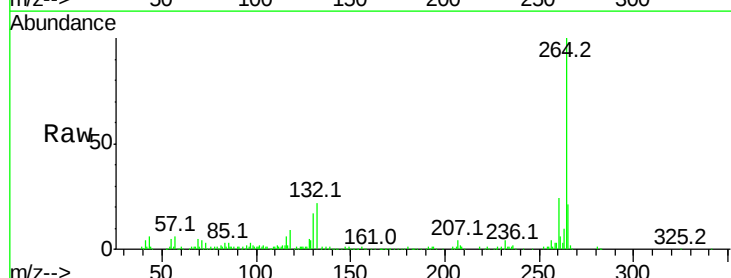
Tgt Ion:264 Resp: 143870

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 20.9 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

