

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097160.D
 Acq On : 28 Jul 2017 18:12
 Operator : SJ/JU
 Sample : PB101039BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BL

Quant Time: Jul 28 22:41:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

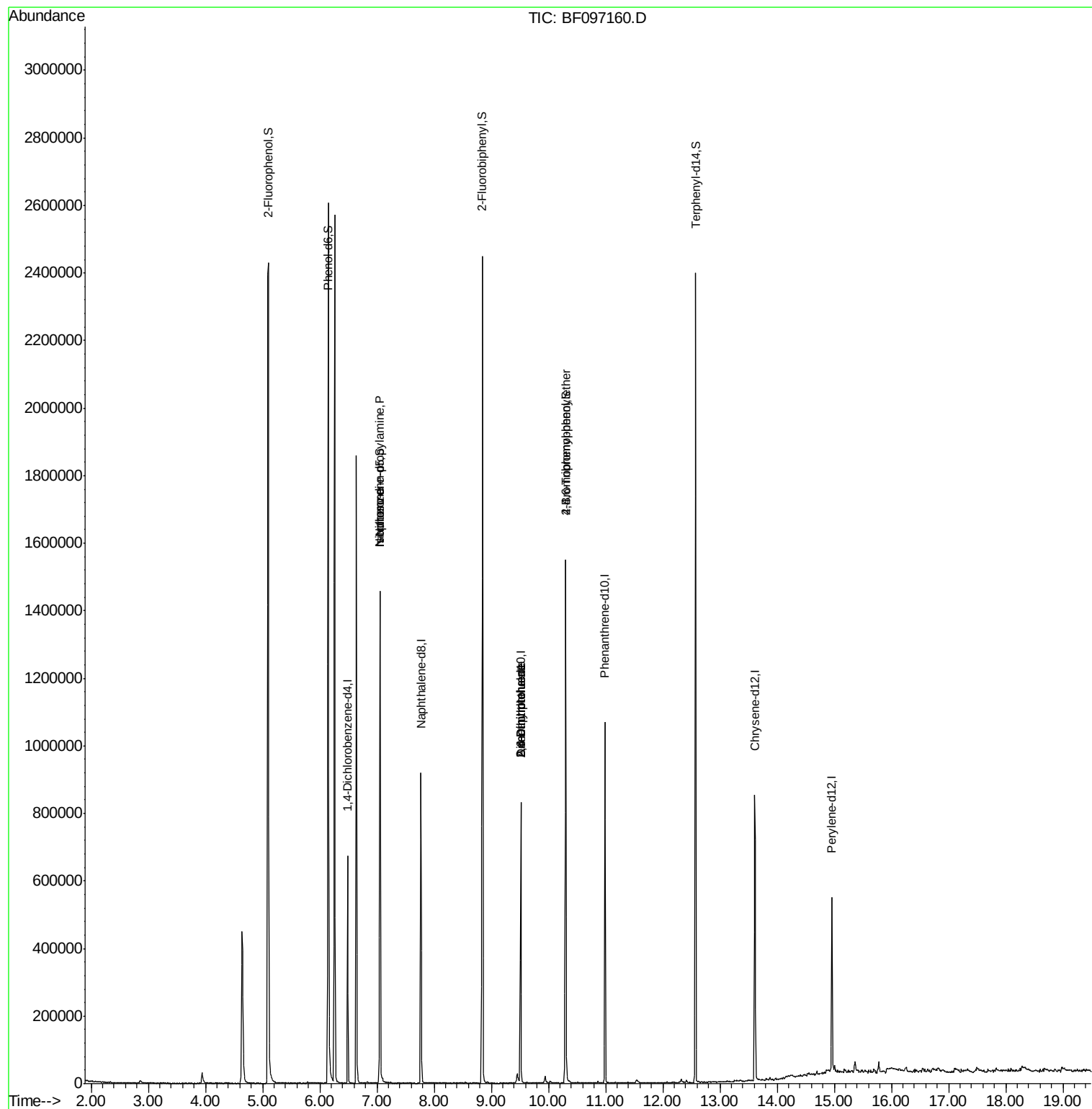
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102130	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	436791	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	186122	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	364131	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	298822	20.00	ng	-0.02
86) Perylene-d12	14.96	264	211056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	783536	115.65	ng	0.00
7) Phenol-d6	6.15	99	932336	120.55	ng	-0.02
23) Nitrobenzene-d5	7.05	82	509439	68.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	190616	129.62	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	919296	83.82	ng	-0.02
78) Terphenyl-d14	12.57	244	770731	52.59	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	69014	13.56	ng	# 88
25) Isophorone	7.05	82	497853	34.14	ng	# 67
49) Dimethylphthalate	9.52	163	54641	3.87	ng	# 1
50) 2,6-Dinitrotoluene	9.51	165	23037	7.68	ng	# 32
56) 2,4-Dinitrotoluene	9.51	165	23037	6.68	ng	# 32
66) 4-Bromophenyl-phenylether	10.30	248	12180	3.35	ng	# 1

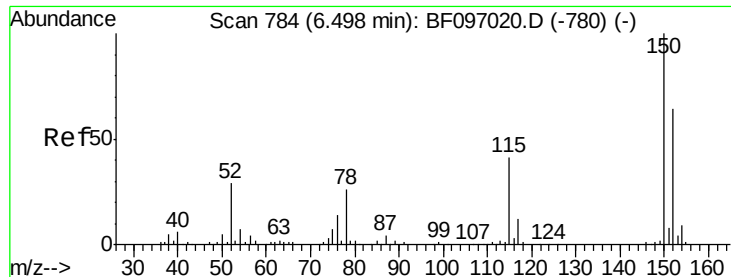
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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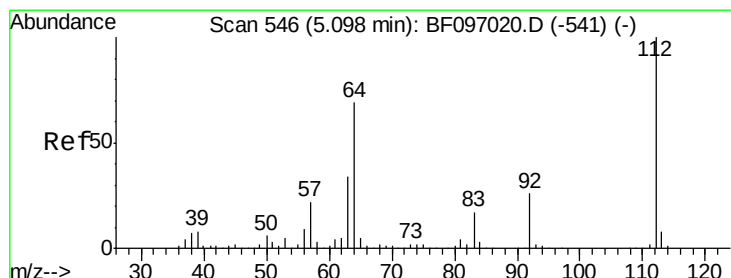
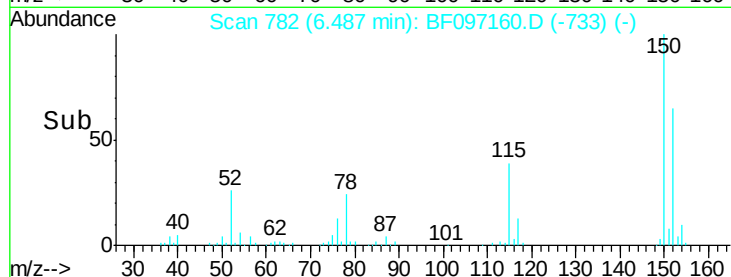
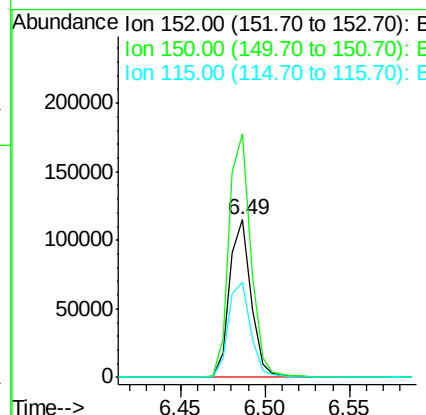
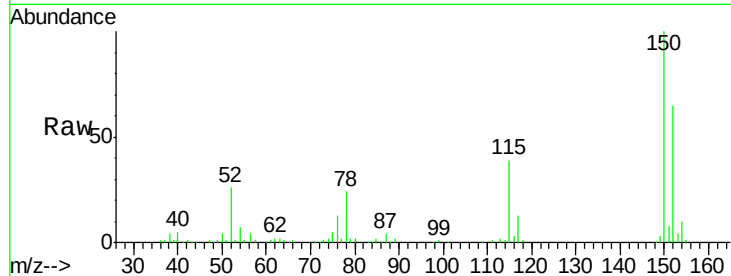


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097160.D
Acq: 28 Jul 2017 18:12

Instrument :
BNA_F
ClientSampleId :
PB101039BL

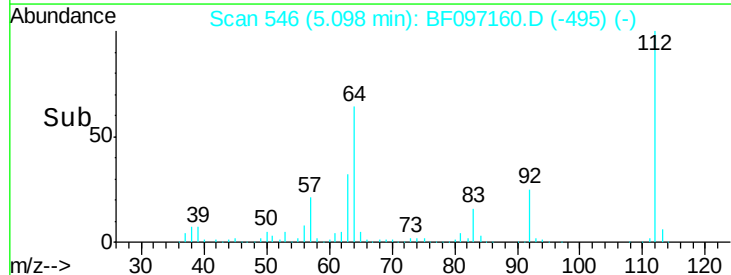
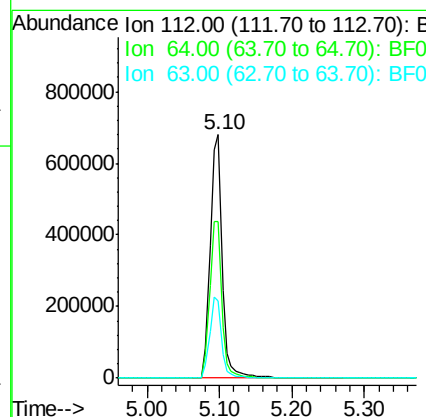
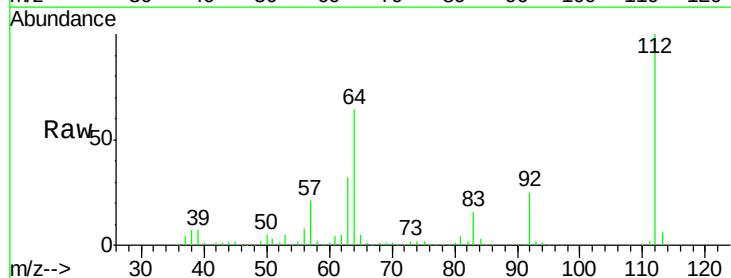
Tot Ion:152 Resp: 102130
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 60.2 52.2 78.2

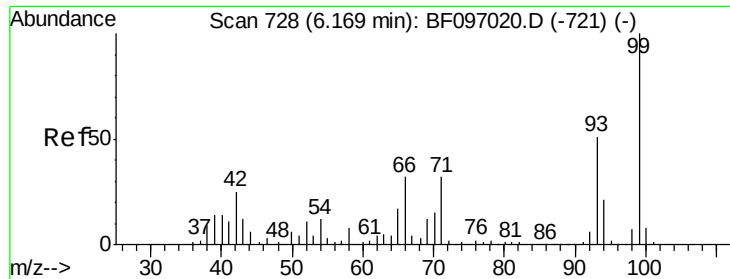


#5

2-Fluorophenol
Concen: 115.65 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097160.D
Acq: 28 Jul 2017 18:12

Tgt Ion:112 Resp: 783536
Ion Ratio Lower Upper
112 100
64 64.5 46.0 69.0
63 32.0 23.4 35.0





#7

Phenol-d6

Concen: 120.55 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Instrument :

BNA_F

ClientSampleId :

PB101039BL

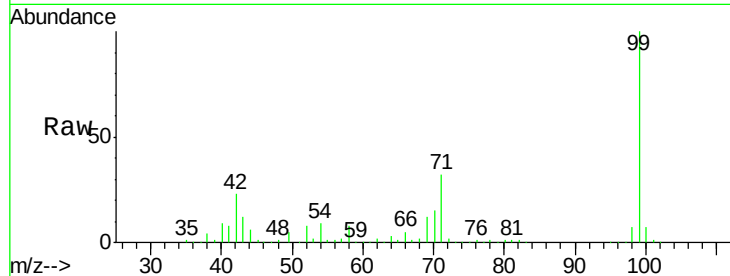
Tot Ion: 99 Resp: 932336

Ion Ratio Lower Upper

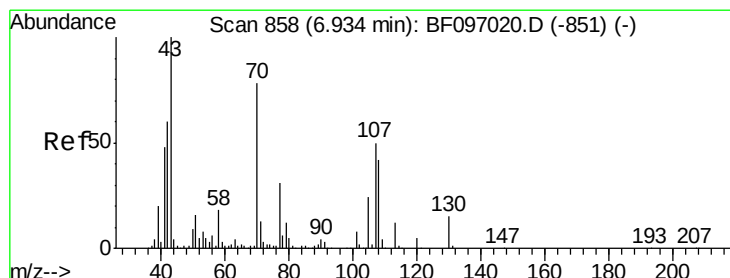
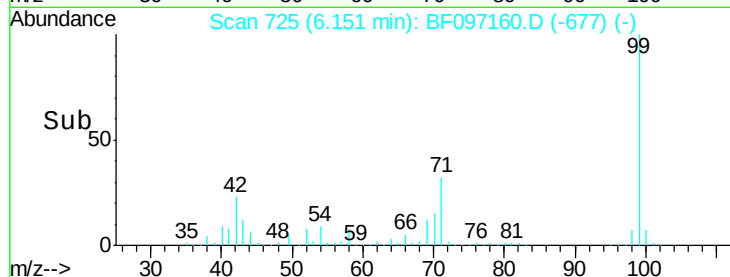
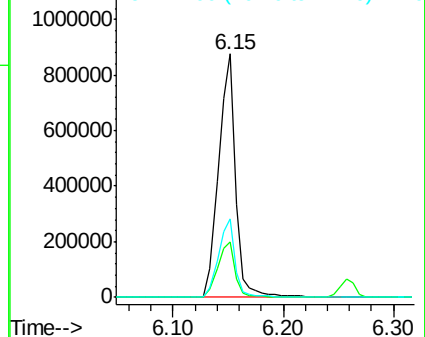
99 100

42 22.9 13.5 20.3#

71 32.2 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: 13.56 ng

RT: 7.05 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Tgt Ion: 70 Resp: 69014

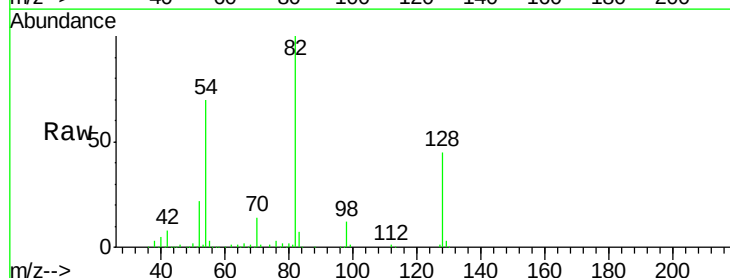
Ion Ratio Lower Upper

70 100

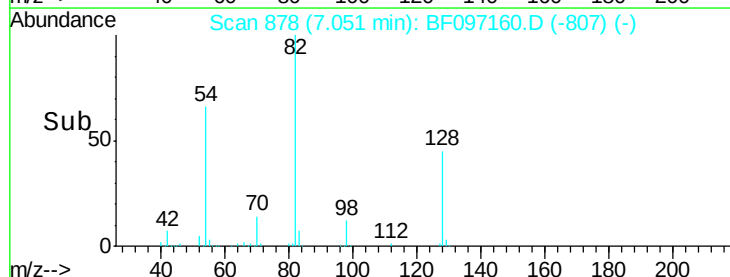
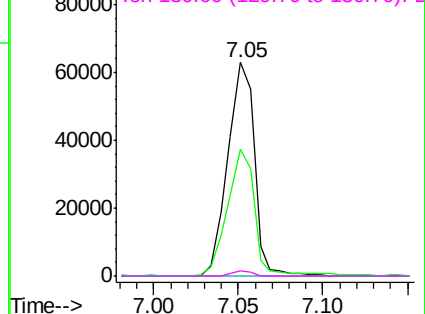
42 59.2 47.2 70.8

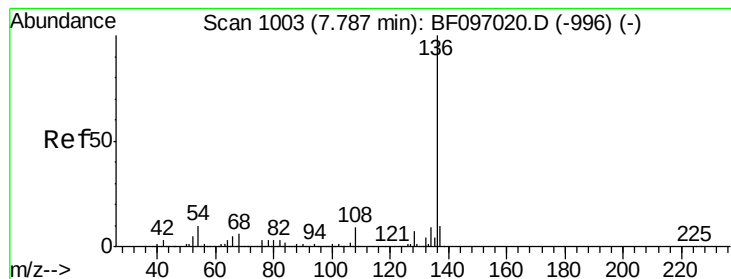
101 0.0 7.2 10.8#

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: 20.00 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Instrument :

BNA_F

ClientSampleId :

PB101039BL

Tot Ion:136 Resp: 436791

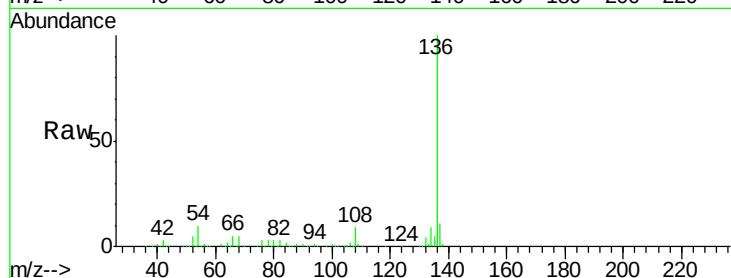
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.3 4.9 7.3#

68 5.2 4.1 6.1

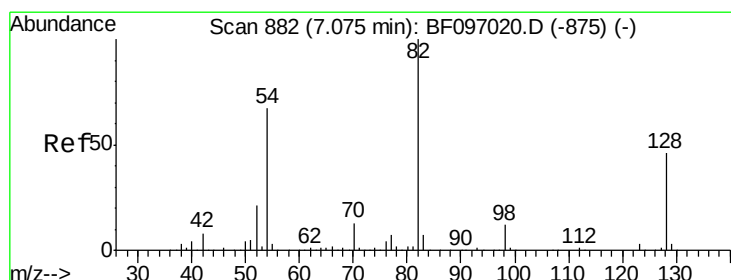
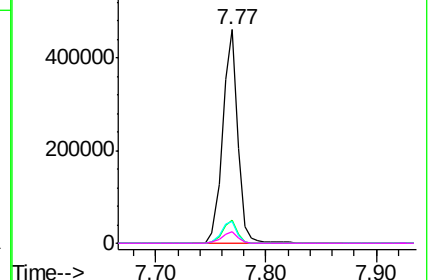
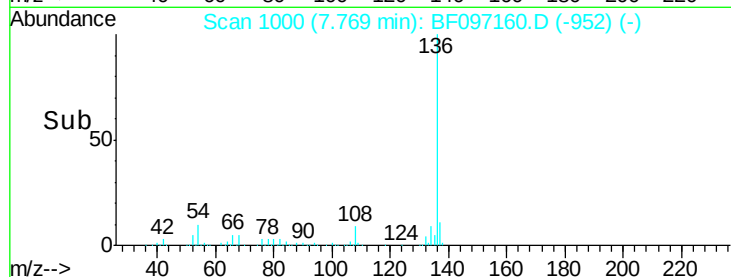


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.42 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

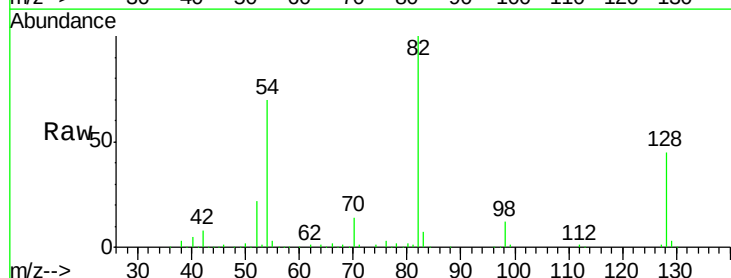
Tgt Ion: 82 Resp: 509439

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

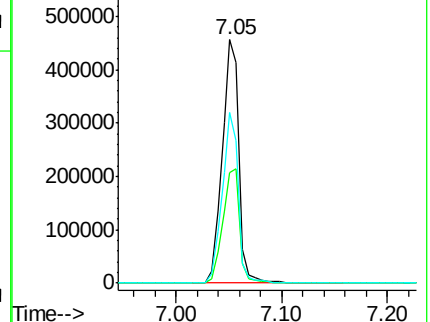
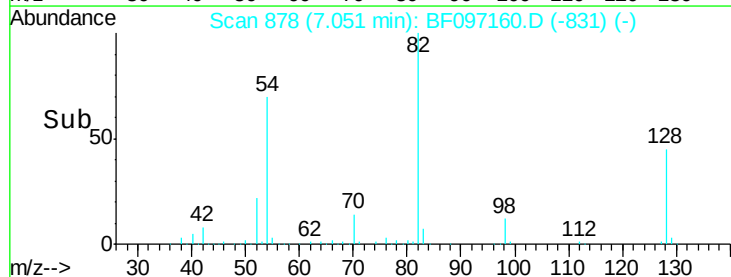
54 69.8 42.2 63.2#

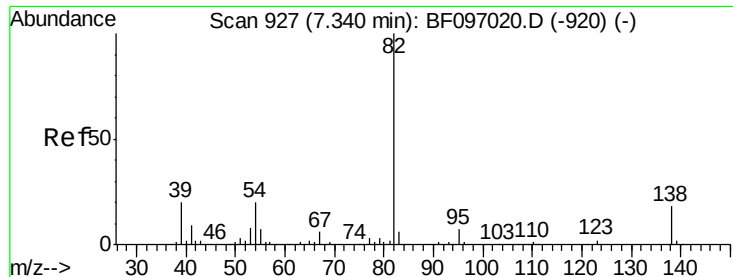


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

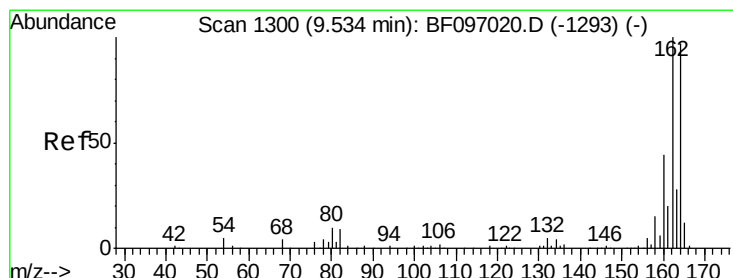
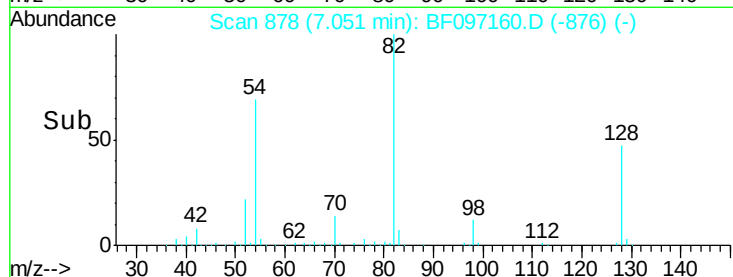
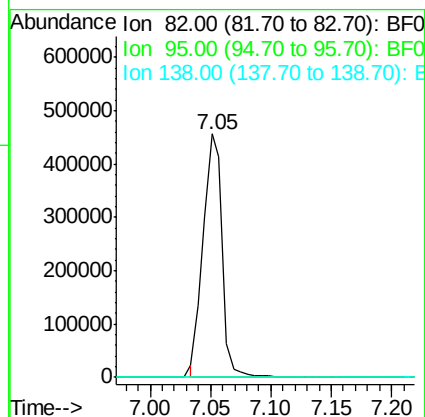
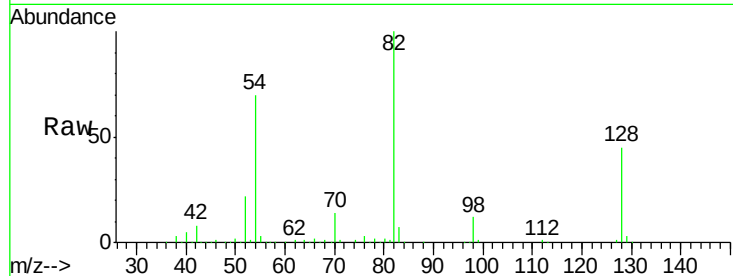




#25
Isophorone
Concen: 34.14 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097160.D
Acq: 28 Jul 2017 18:12

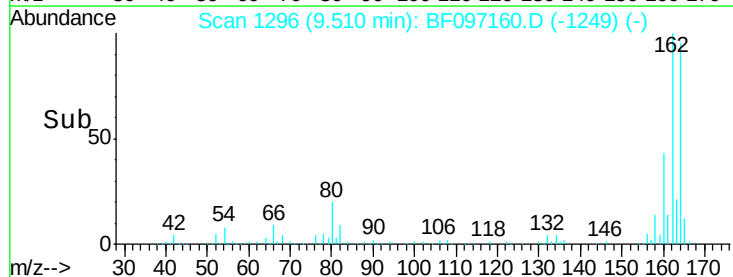
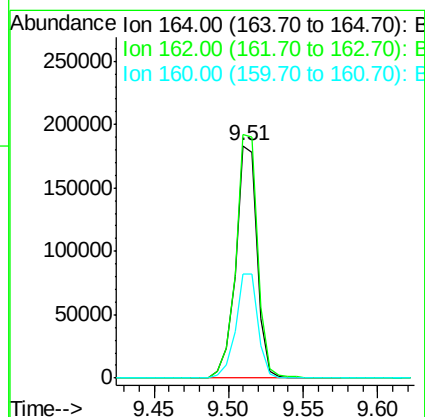
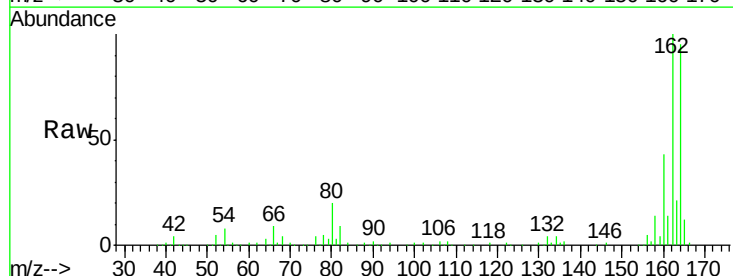
Instrument :
BNA_F
ClientSampleId :
PB101039BL

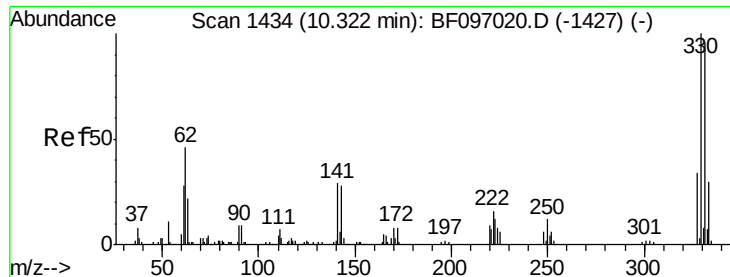
Tot Ion: 82 Resp: 497853
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF097160.D
Acq: 28 Jul 2017 18:12

Tgt Ion: 164 Resp: 186122
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 44.7 36.2 54.2

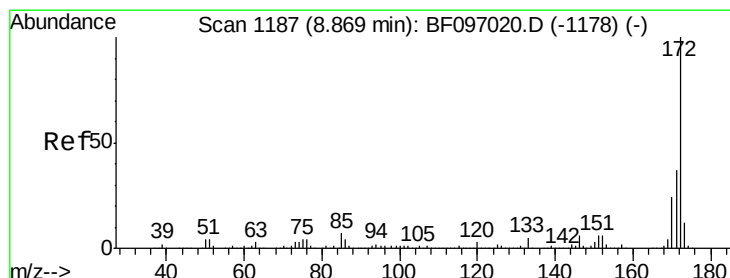
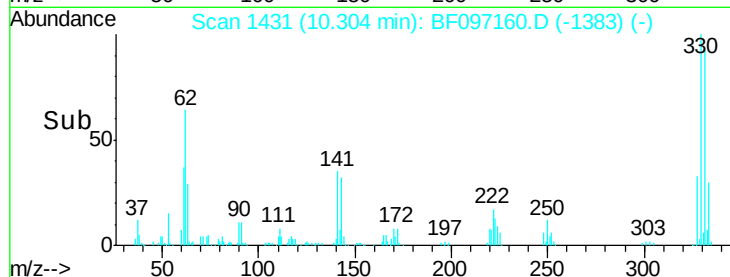
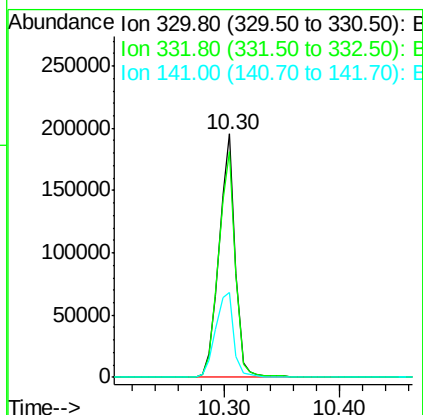
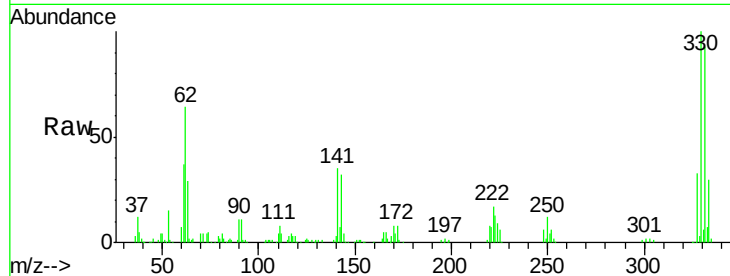




#41
 2,4,6-Tribromophenol
 Concen: 129.62 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097160.D
 Acq: 28 Jul 2017 18:12

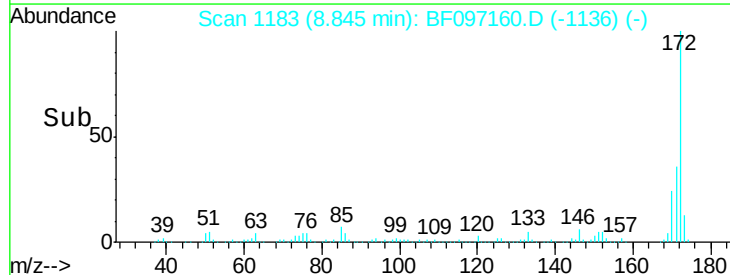
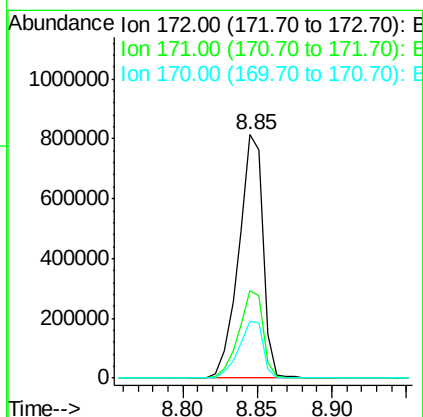
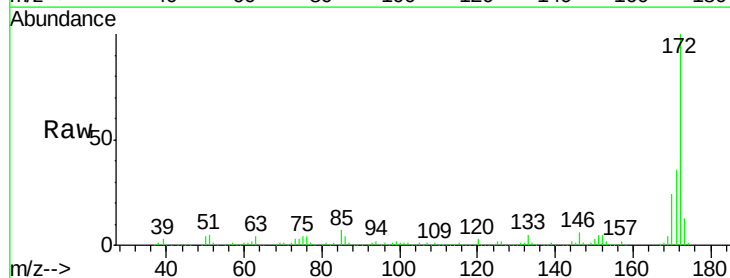
Instrument :
 BNA_F
 ClientSampleId :
 PB101039BL

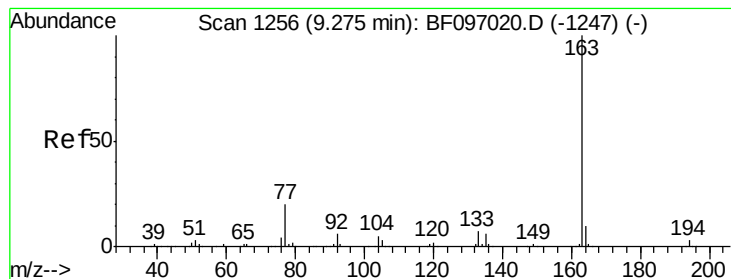
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 83.82 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097160.D
 Acq: 28 Jul 2017 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.5	19.8	29.8





#49

Dimethylphthalate

Concen: 3.87 ng

RT: 9.52 min Scan# 1297

Delta R.T. 0.24 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Instrument :

BNA_F

ClientSampleId :

PB101039BL

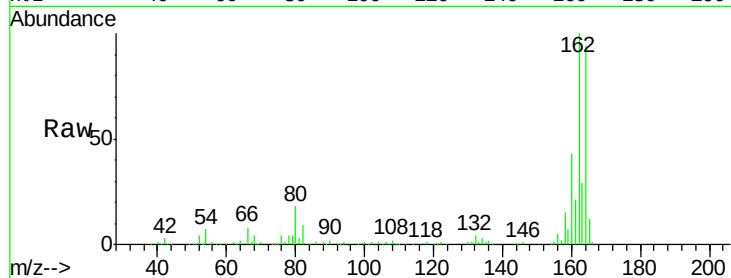
Tot Ion:163 Resp: 54641

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

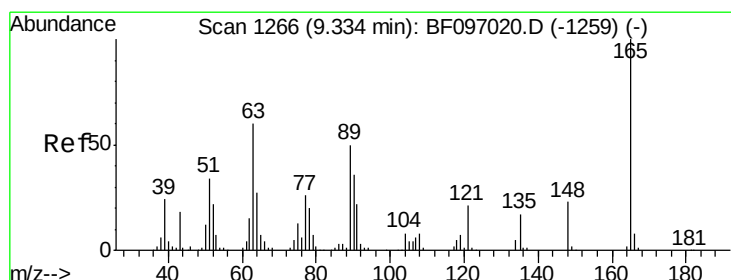
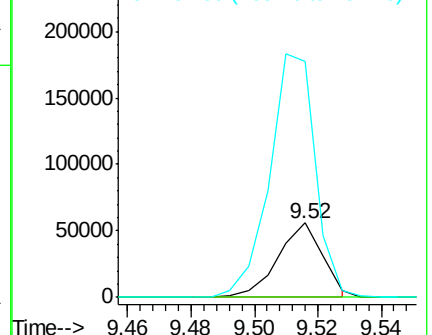
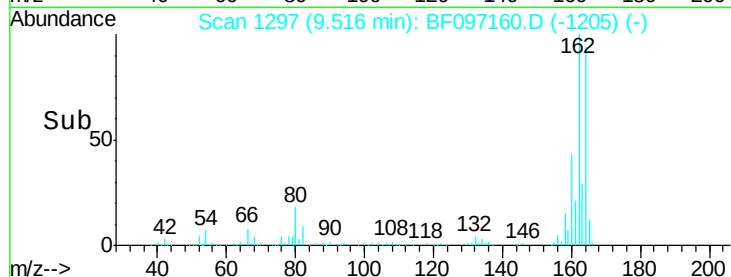
164 318.0 8.4 12.6#



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: 7.68 ng

RT: 9.51 min Scan# 1296

Delta R.T. 0.18 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

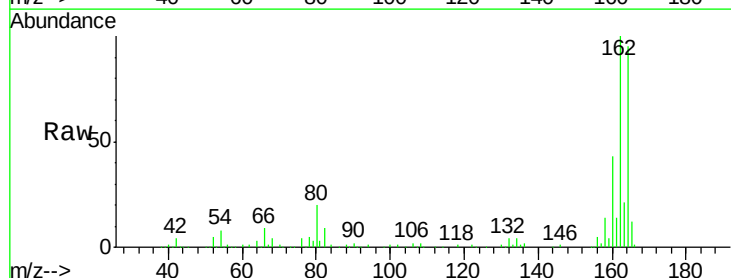
Tgt Ion:165 Resp: 23037

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

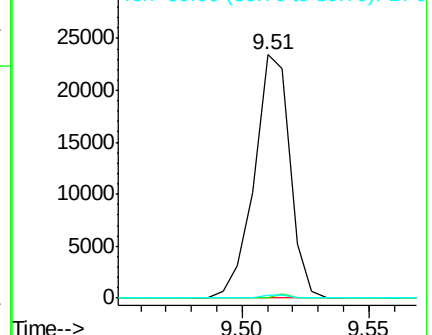
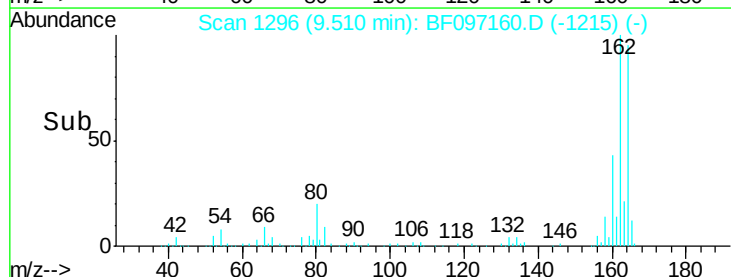
89 1.4 37.1 55.7#

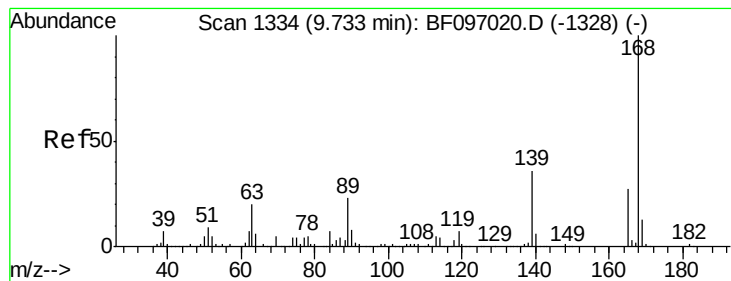


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.68 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Instrument :

BNA_F

ClientSampleId :

PB101039BL

Tot Ion:165 Resp: 23037

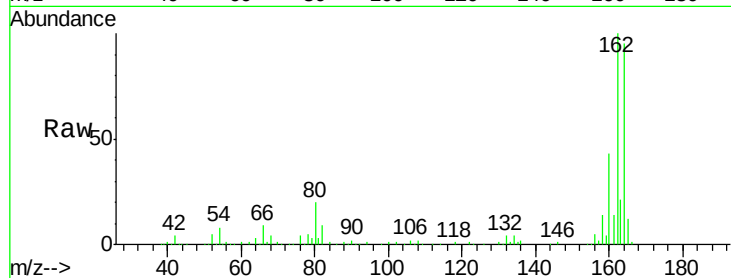
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

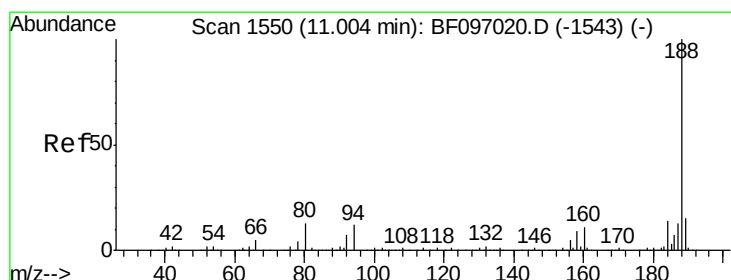
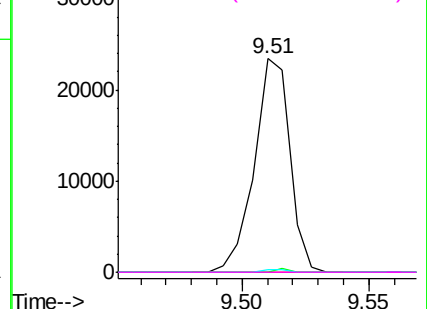
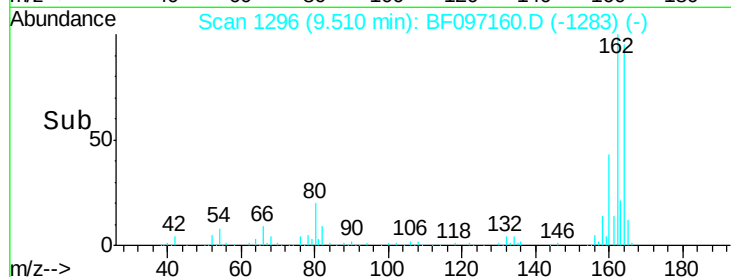


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

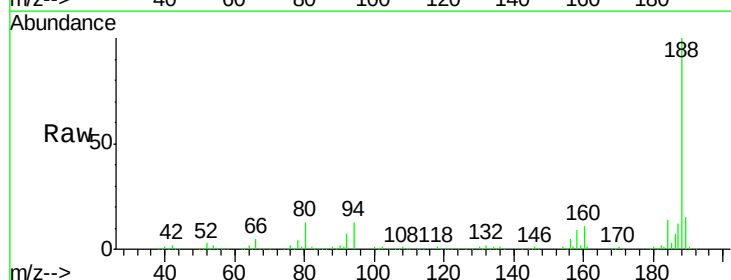
Tgt Ion:188 Resp: 364131

Ion Ratio Lower Upper

188 100

94 13.4 9.4 14.2

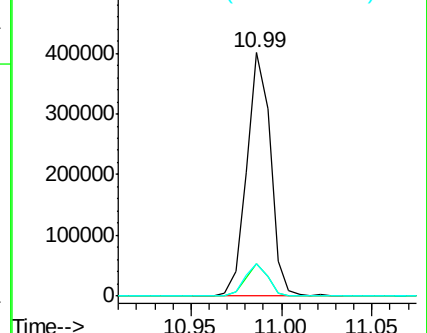
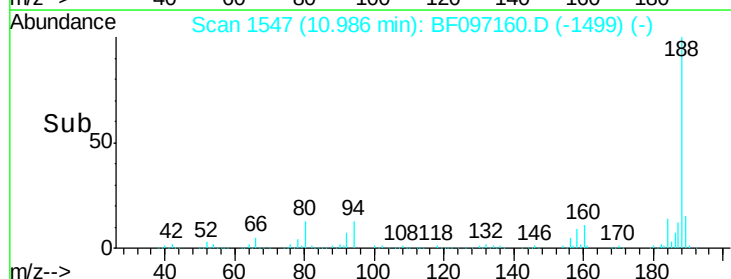
80 13.1 10.2 15.2

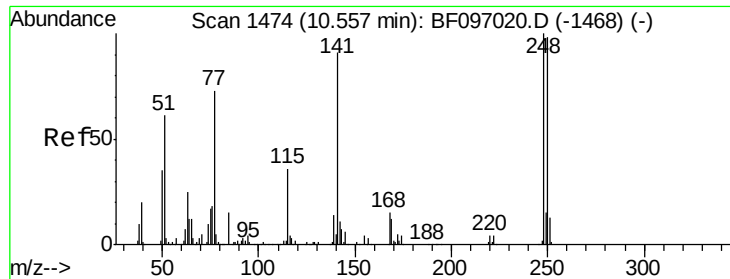


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

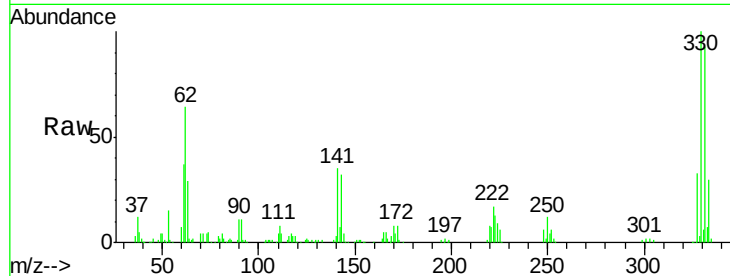




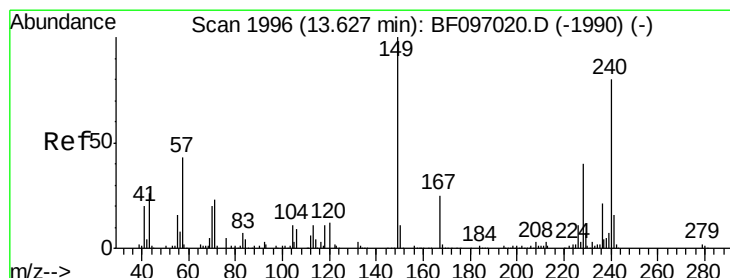
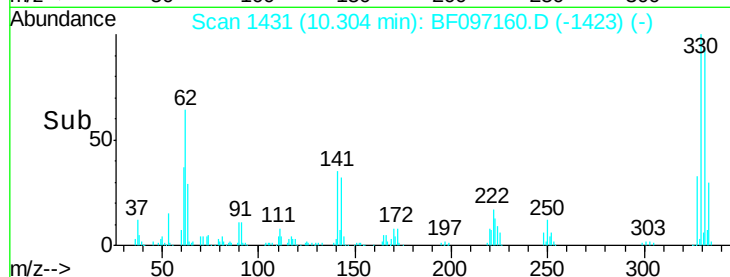
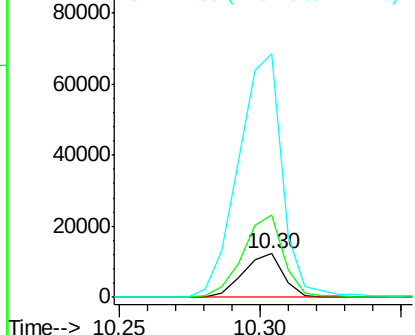
#66
 4-Bromophenyl-phenylether
 Concen: 3.35 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF097160.D
 Acq: 28 Jul 2017 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB101039BL

Tot Ion:248 Resp: 12180
 Ion Ratio Lower Upper
 248 100
 250 190.8 76.8 115.2#
 141 562.2 68.6 103.0#

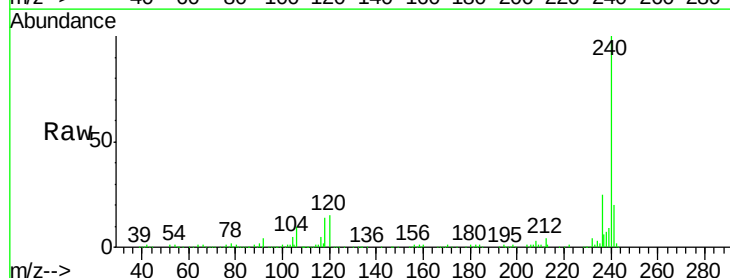


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

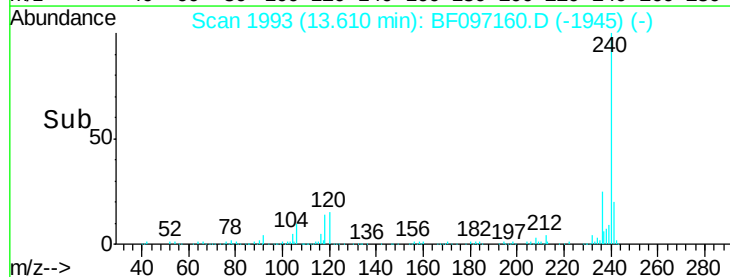
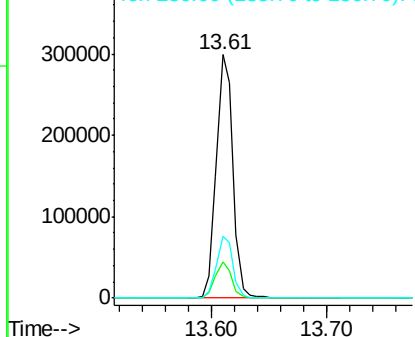


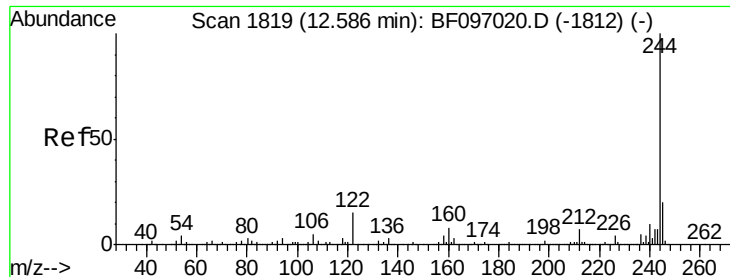
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097160.D
 Acq: 28 Jul 2017 18:12

Tgt Ion:240 Resp: 298822
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 25.2 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: 52.59 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

Instrument :

BNA_F

ClientSampleId :

PB101039BL

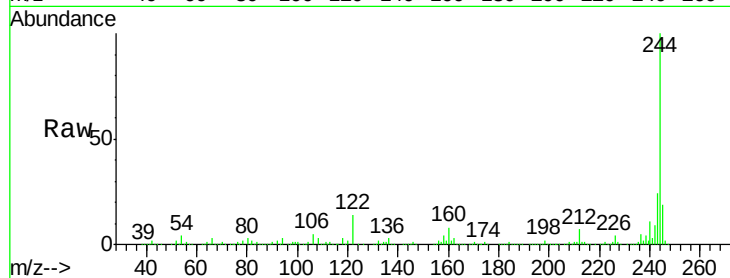
Tot Ion:244 Resp: 770731

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

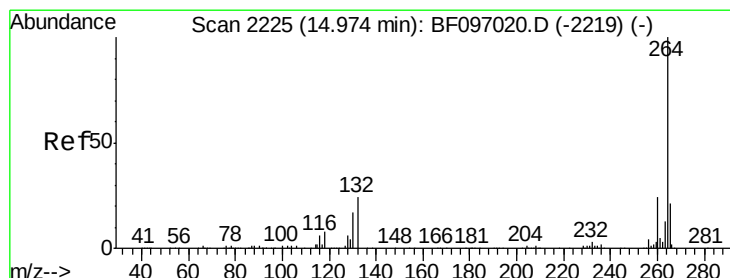
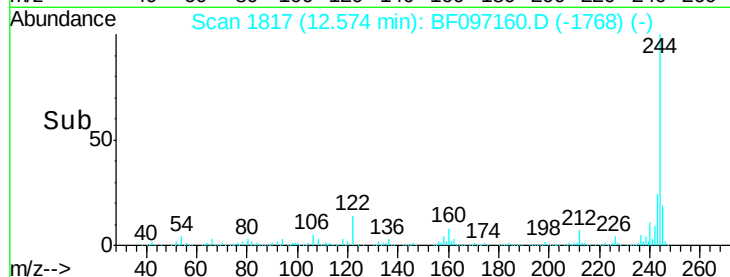
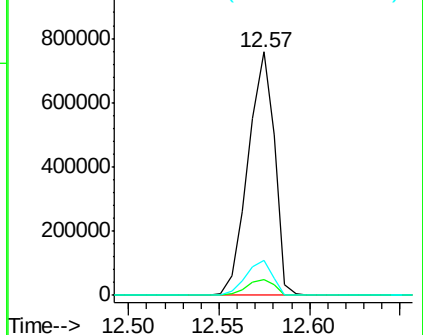
122 14.4 10.3 15.5



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: 20.00 ng

RT: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097160.D

Acq: 28 Jul 2017 18:12

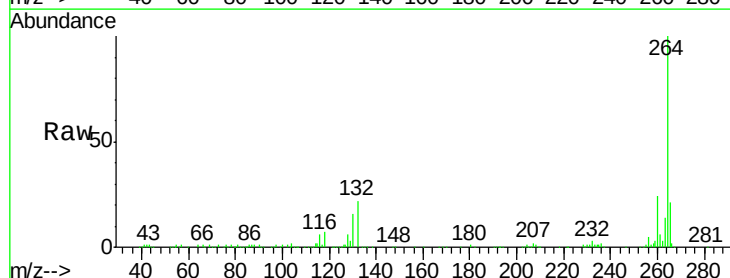
Tgt Ion:264 Resp: 211056

Ion Ratio Lower Upper

264 100

260 23.7 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

