

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082879.D
 Acq On : 10 Nov 2015 19:47
 Operator : UM/IZ
 Sample : PB86541TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86541TB

Quant Time: Nov 13 17:34:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

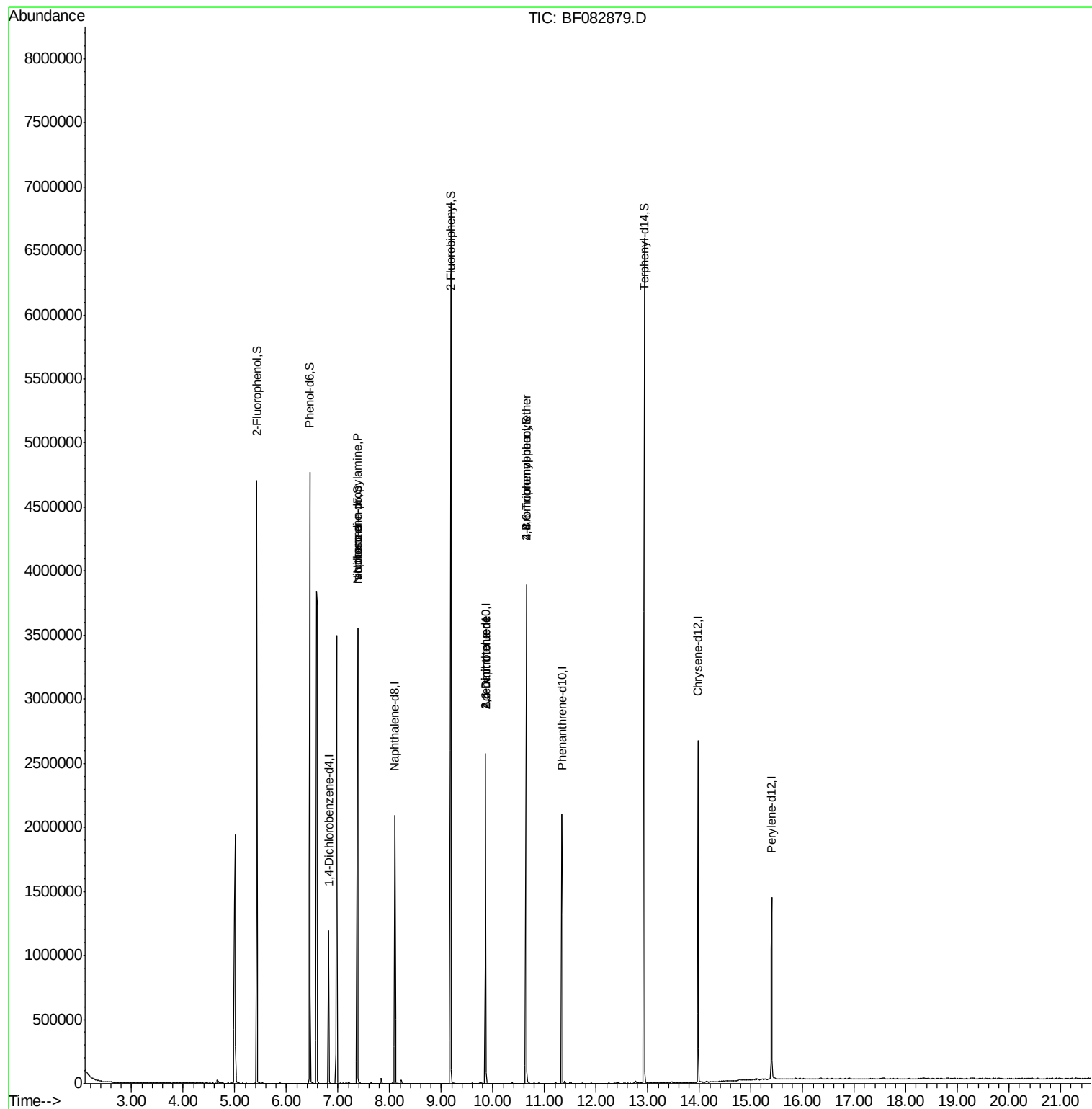
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	250090	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	940608	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	541169	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	961807	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	883365	20.00	ng	-0.05
86) Perylene-d12	15.40	264	721100	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1360676	84.65	ng	-0.02
7) Phenol-d6	6.45	99	1764627	82.58	ng	-0.02
23) Nitrobenzene-d5	7.38	82	1356659	62.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	494326	79.67	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	2175645	57.62	ng	-0.03
78) Terphenyl-d14	12.93	244	2341659	62.87	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	185461	11.81	ng	# 67
25) Isophorone	7.38	82	1315478	32.89	ng	# 69
50) 2,6-Dinitrotoluene	9.86	165	69585	7.36	ng	# 17
56) 2,4-Dinitrotoluene	9.86	165	69588	5.42	ng	# 15
66) 4-Bromophenyl-phenylether	10.65	248	35637	3.08	ng	# 1

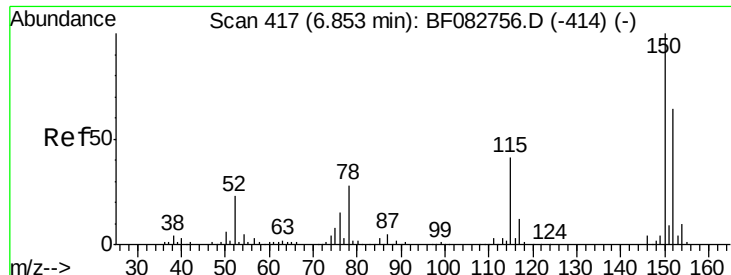
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

Instrument :

BNA_F

ClientSampleId :

PB86541TB

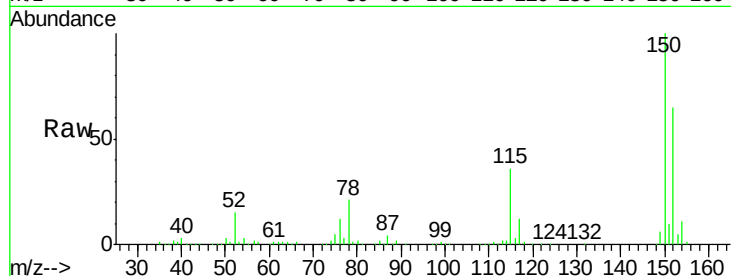
Tgt Ion:152 Resp: 250090

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

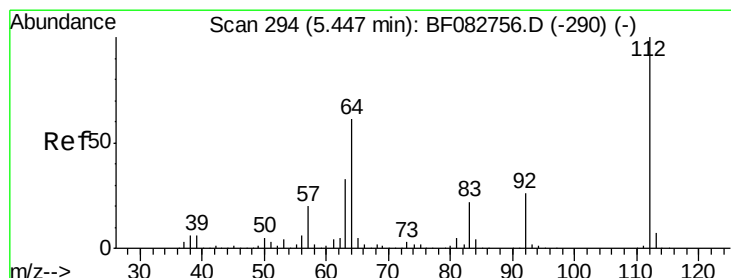
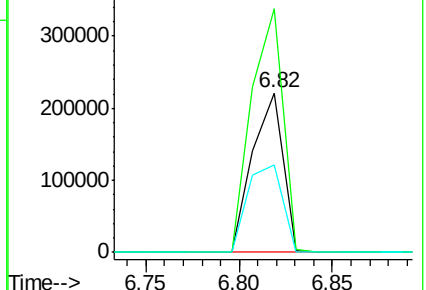
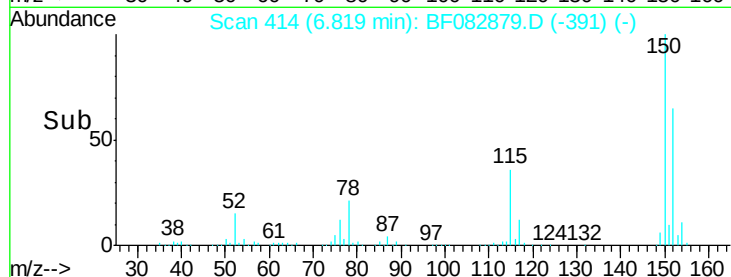
115 55.2 47.0 70.6



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: 84.65 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

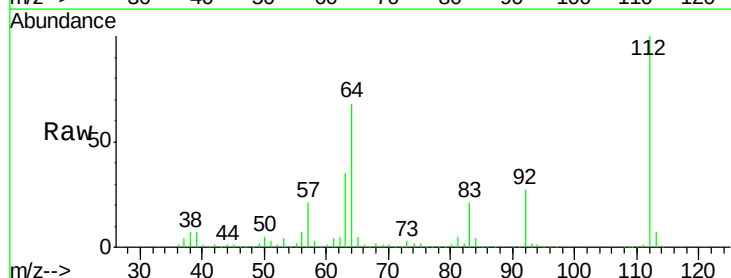
Tgt Ion:112 Resp: 1360676

Ion Ratio Lower Upper

112 100

64 68.5 48.9 73.3

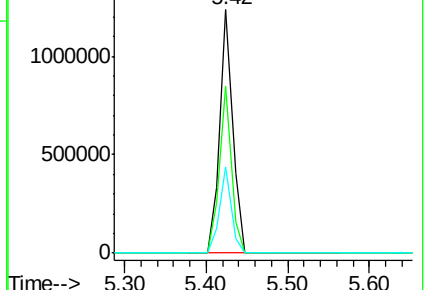
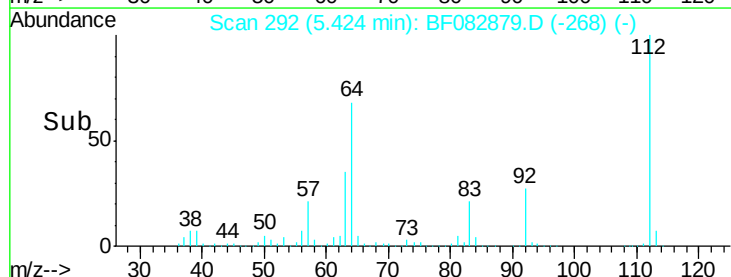
63 35.4 28.1 42.1

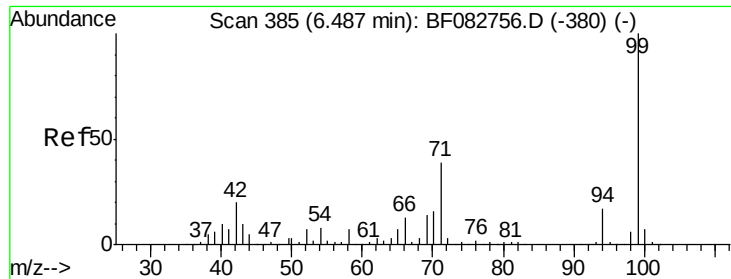


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.58 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF082879.D

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Instrument :

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PB86541TB

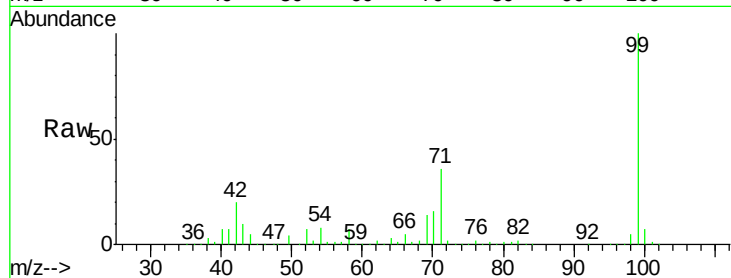
Tgt Ion: 99 Resp: 1764627

Ion Ratio Lower Upper

99 100

42 19.9 19.2 28.8

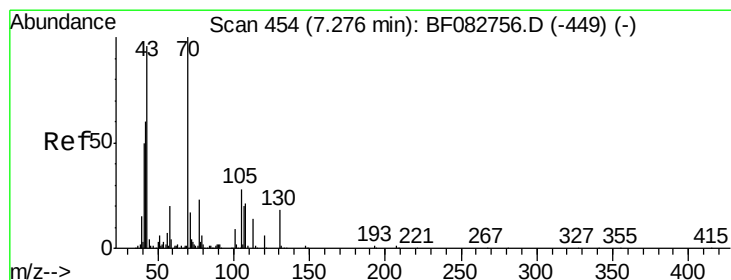
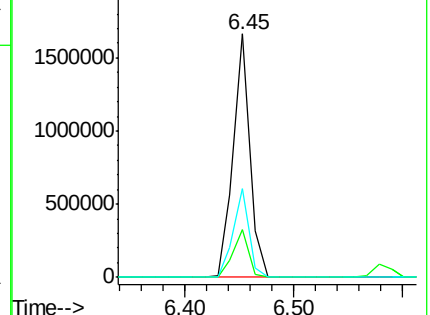
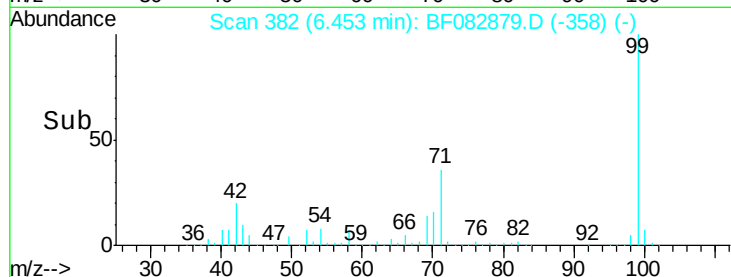
71 36.2 35.0 52.4



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: 11.81 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.11 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

Tgt Ion: 70 Resp: 185461

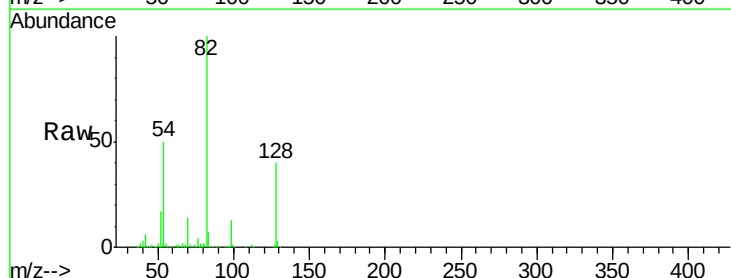
Ion Ratio Lower Upper

70 100

42 43.9 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

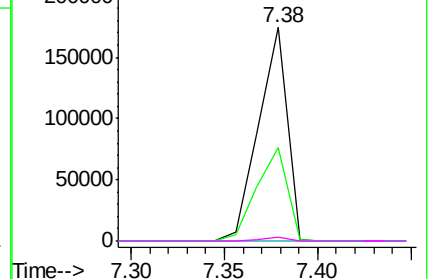
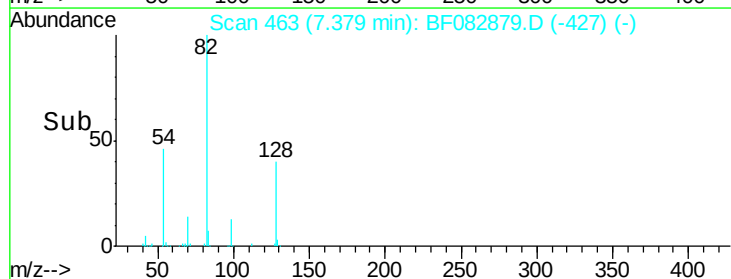


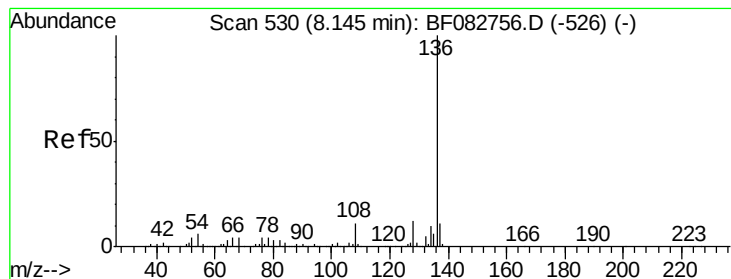
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

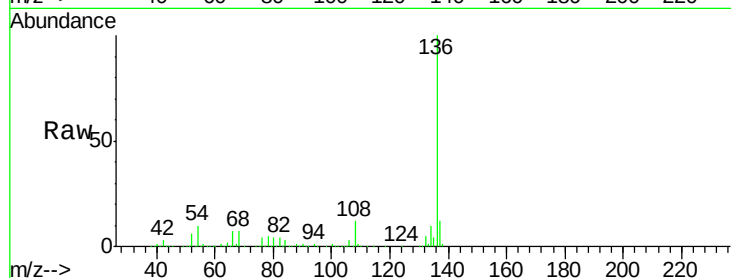
Instrument :

BNA_F

ClientSampleId :

PB86541TB

Tgt Ion:	136	Resp:	940608
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.4	9.1	13.7
68	7.2	4.8	7.2#

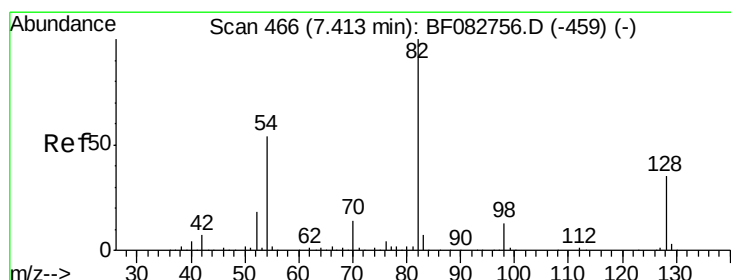
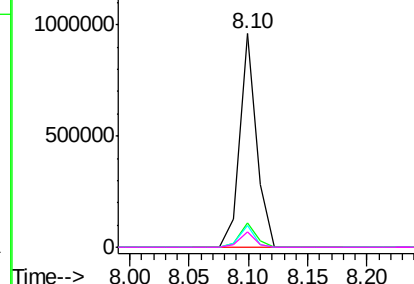
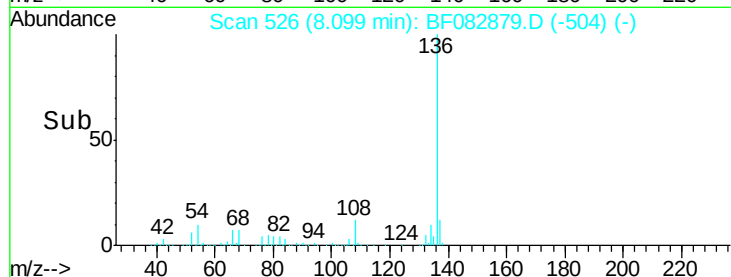


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.76 ng

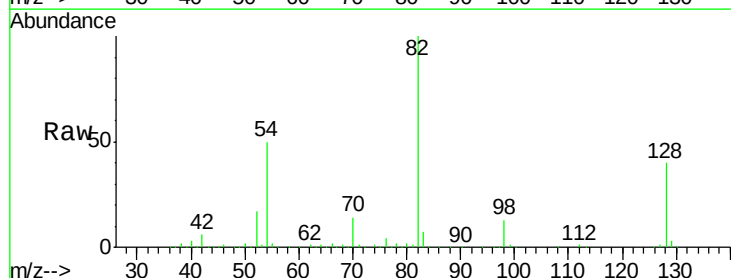
RT: 7.38 min Scan# 463

Delta R.T. -0.03 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

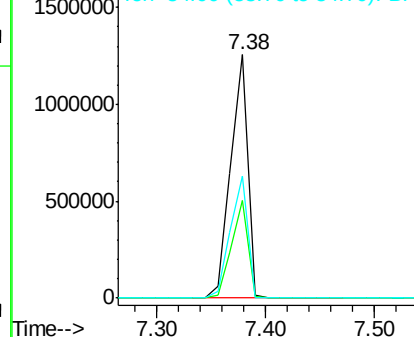
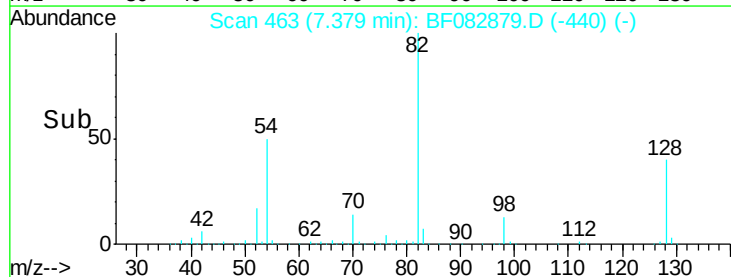
Tgt Ion:	82	Resp:	1356659
Ion	Ratio	Lower	Upper
82	100		
128	40.3	26.8	40.2#
54	50.3	45.7	68.5

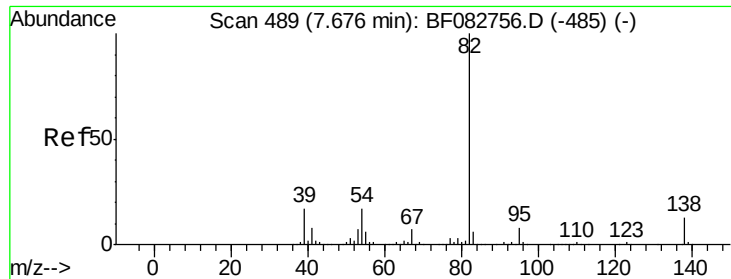


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.89 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.30 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

Instrument :

BNA_F

ClientSampleId :

PB86541TB

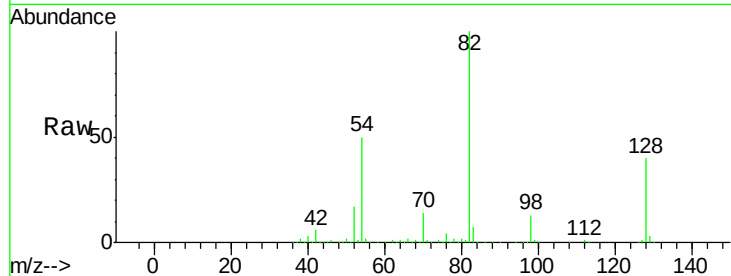
Tgt Ion: 82 Resp: 1315478

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

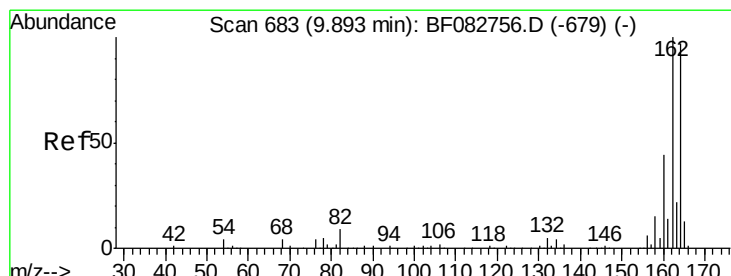
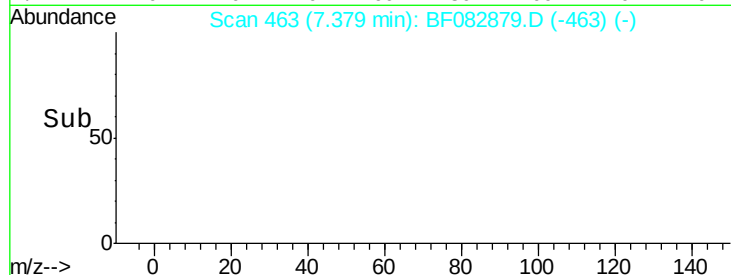
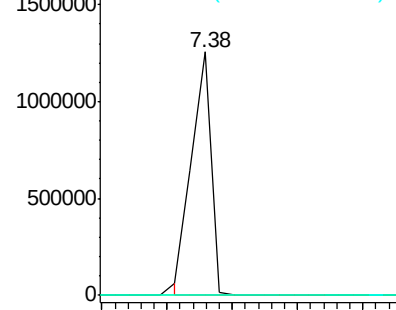
138 0.0 11.4 17.0#



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: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

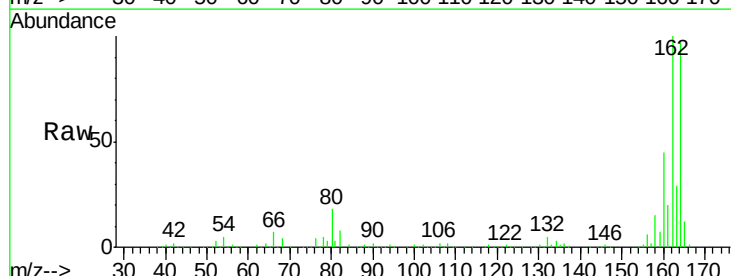
Tgt Ion: 164 Resp: 541169

Ion Ratio Lower Upper

164 100

162 103.1 84.9 127.3

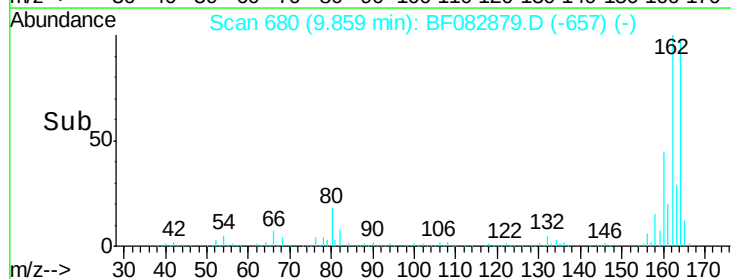
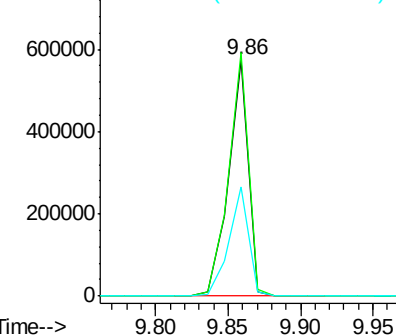
160 46.0 37.5 56.3

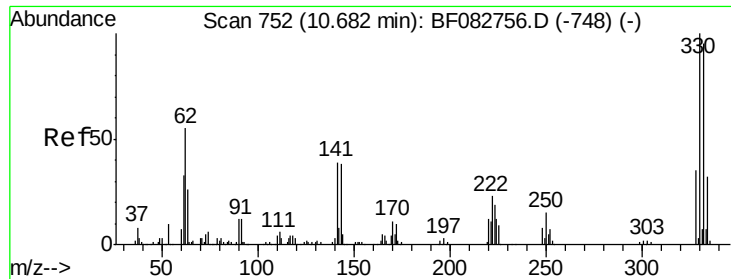


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

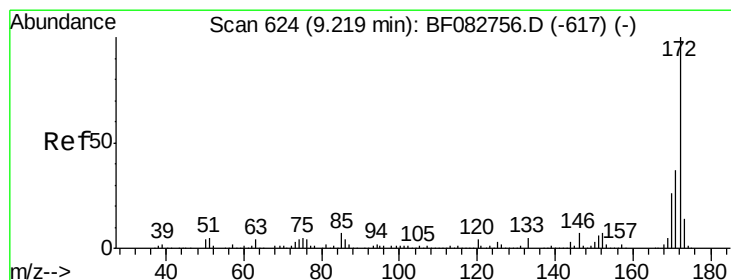
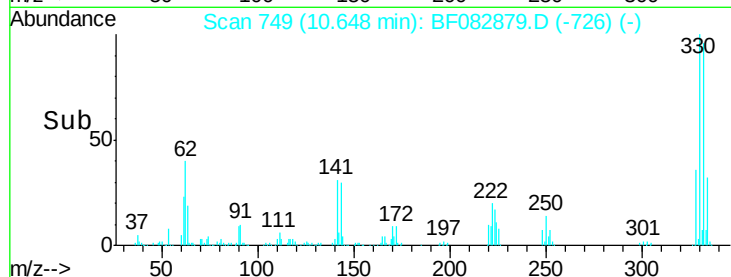
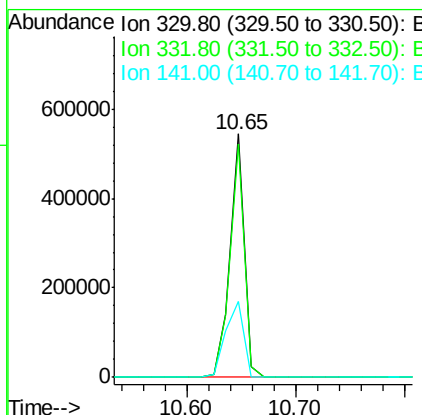
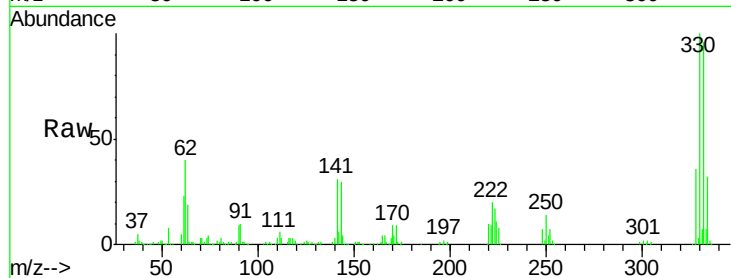




#41
 2,4,6-Tribromophenol
 Concen: 79.67 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

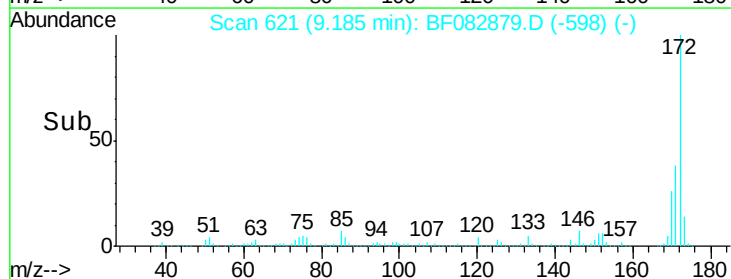
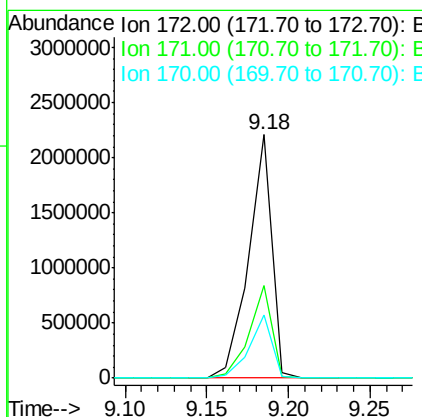
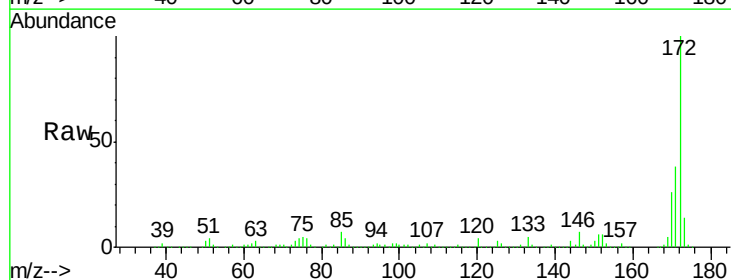
Instrument :
 BNA_F
 ClientSampleId :
 PB86541TB

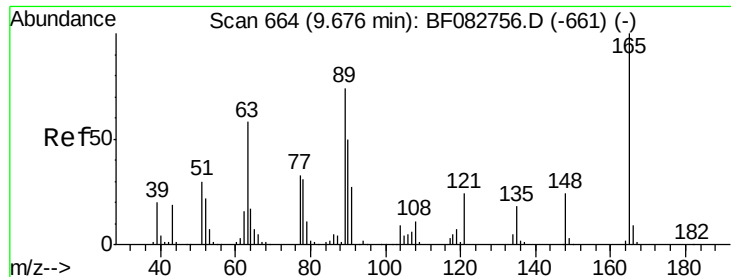
Tgt Ion:330 Resp: 494326
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 39.7 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 57.62 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

Tgt Ion:172 Resp: 2175645
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 26.0 21.2 31.8

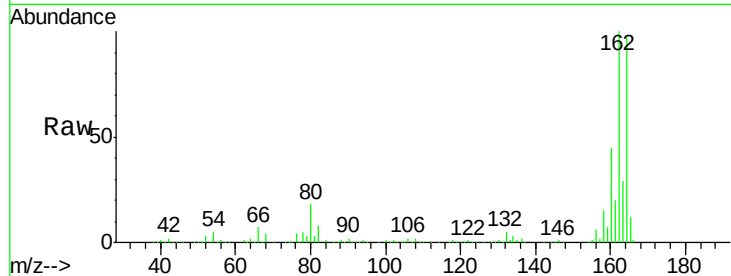




#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.18 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB86541TB

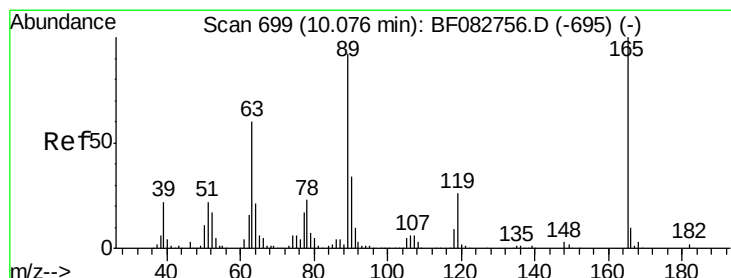
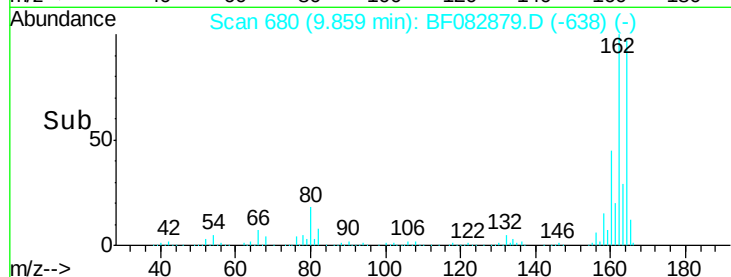
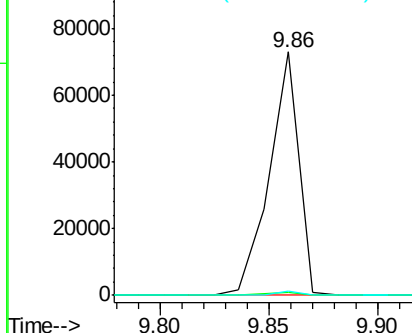
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	55.5	83.3#
89	1.5	55.0	82.6#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.42 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.22 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

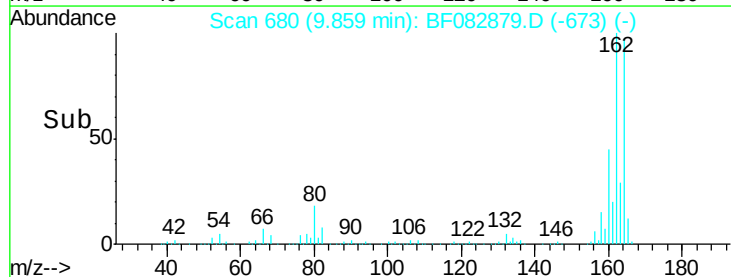
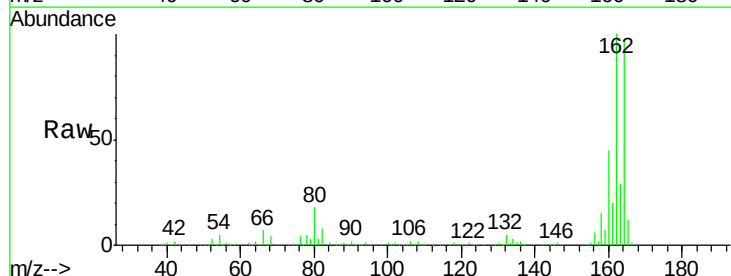
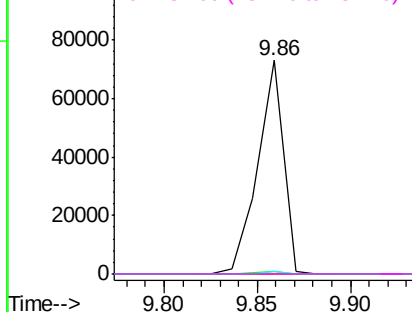
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.5	70.6	106.0#
182	0.0	1.5	2.3#

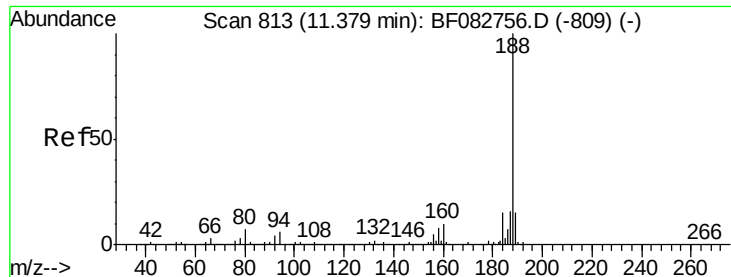
Abundance Ion 165.00 (164.70 to 165.70): E

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

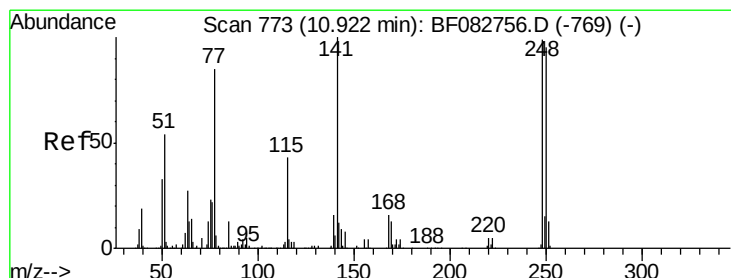
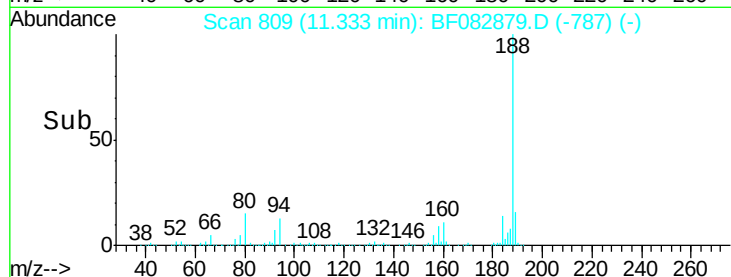
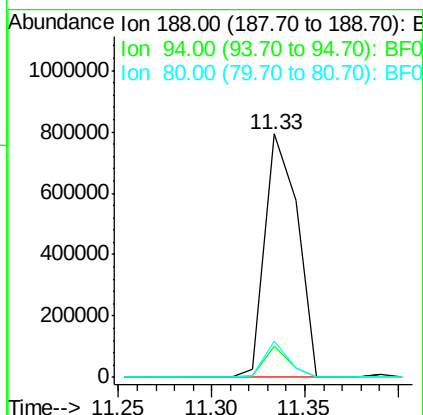
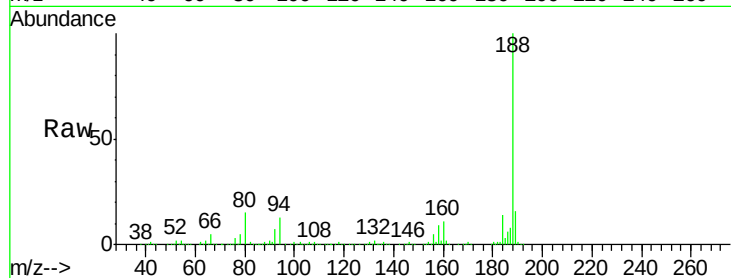




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082879.D
Acq: 10 Nov 2015 19:47

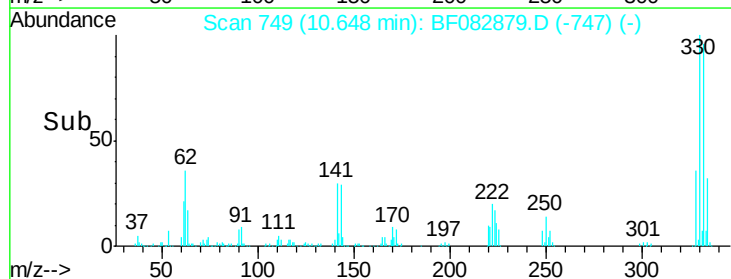
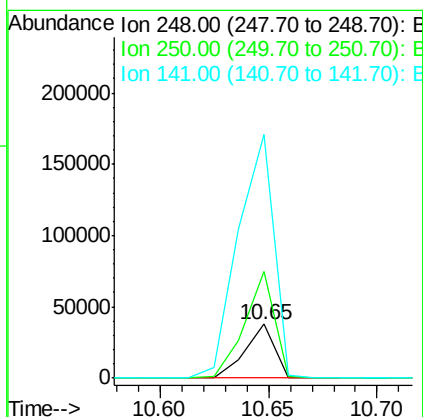
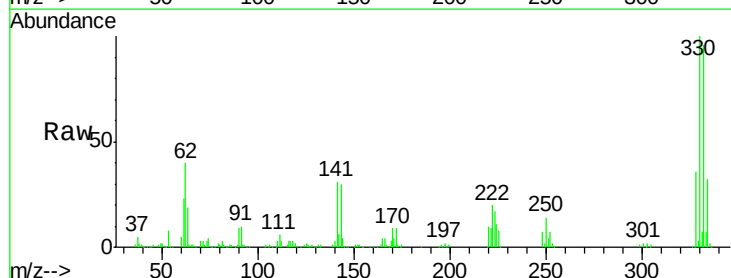
Instrument :
BNA_F
ClientSampleId :
PB86541TB

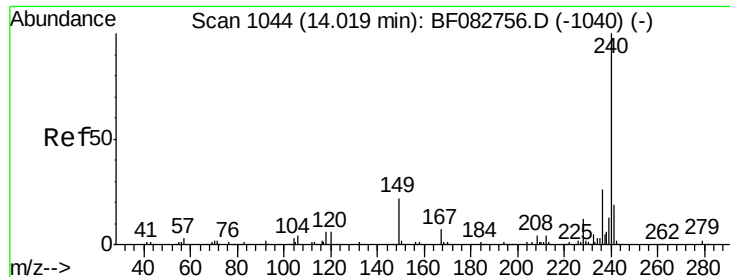
Tgt Ion:188 Resp: 961807
Ion Ratio Lower Upper
188 100
94 13.0 6.1 9.1#
80 14.7 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF082879.D
Acq: 10 Nov 2015 19:47

Tgt Ion:248 Resp: 35637
Ion Ratio Lower Upper
248 100
250 197.7 79.4 119.2#
141 452.9 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

Instrument :

BNA_F

ClientSampleId :

PB86541TB

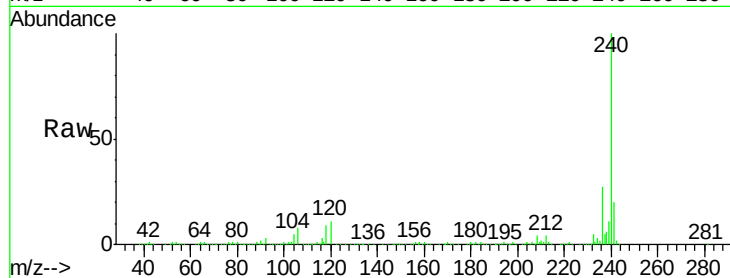
Tgt Ion:240 Resp: 883365

Ion Ratio Lower Upper

240 100

120 10.7 10.9 16.3#

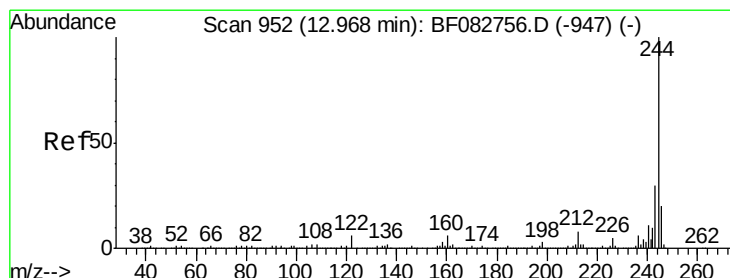
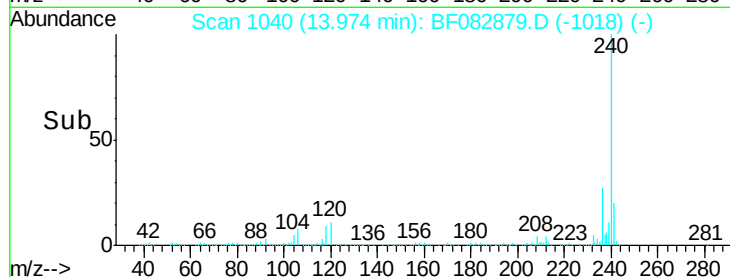
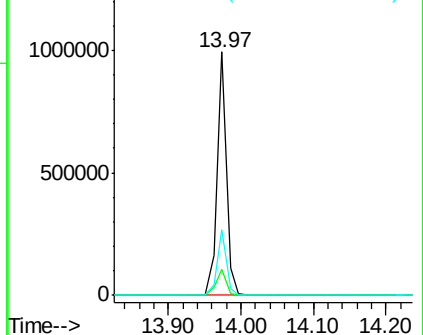
236 27.0 21.6 32.4



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: 62.87 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082879.D

Acq: 10 Nov 2015 19:47

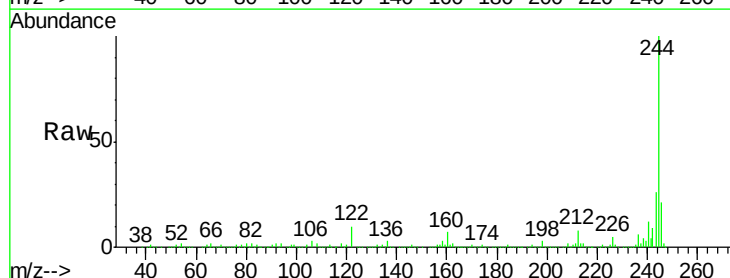
Tgt Ion:244 Resp: 2341659

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

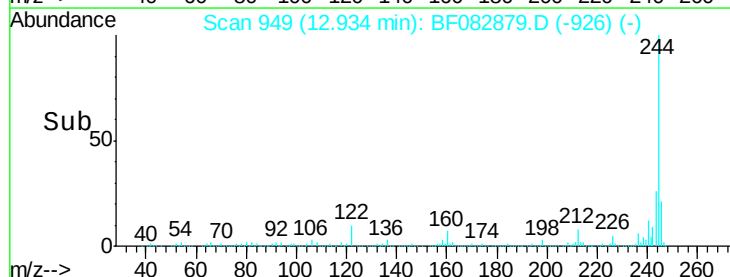
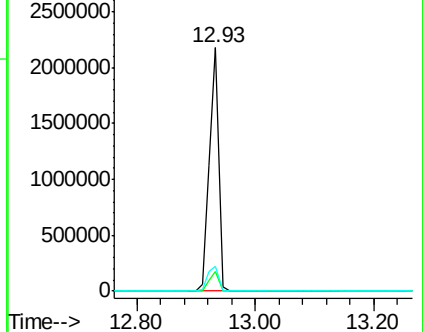
122 10.1 11.3 16.9#

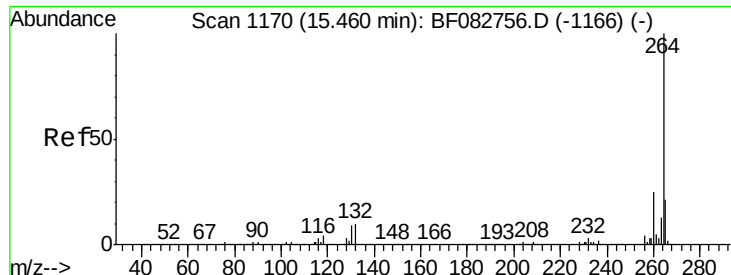


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

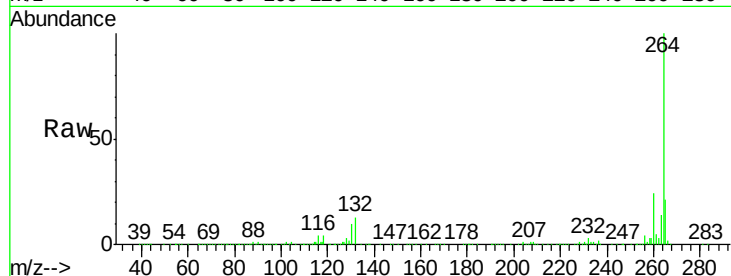




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082879.D
 Acq: 10 Nov 2015 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB86541TB

Tgt Ion:	264	Resp:	721100
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.0	17.4	26.0



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

