

Data Path : Z:\HPCHEM1\BNA_F\Data\BF091516\
 Data File : BF090083.D
 Acq On : 15 Sep 2016 11:00
 Operator : UM/SJ
 Sample : PB93355BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BL

Quant Time: Sep 15 11:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

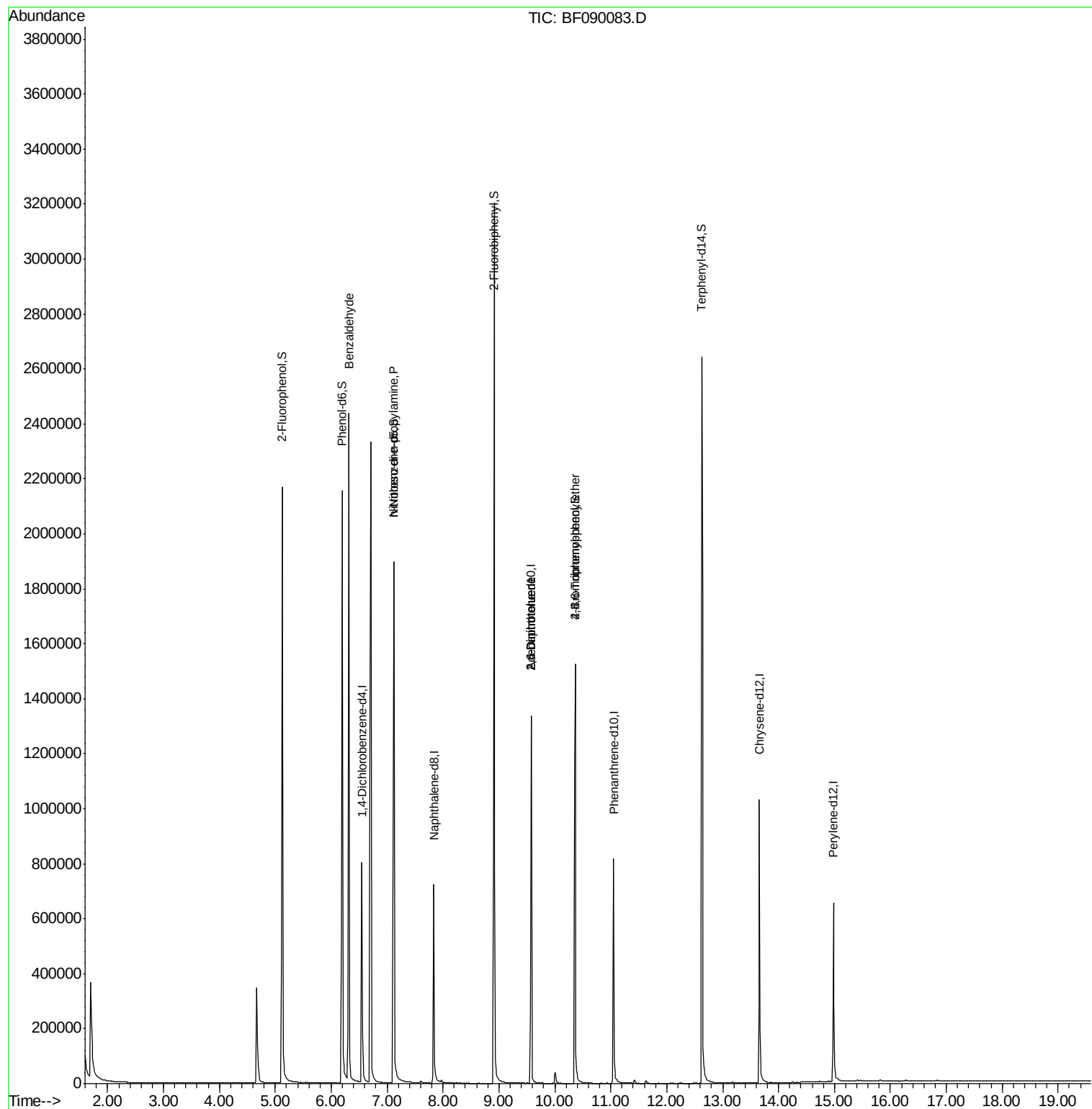
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	140022	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	552681	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	300031	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	494187	20.00	ng	0.00
75) Chrysene-d12	13.66	240	428134	20.00	ng	-0.01
86) Perylene-d12	14.98	264	299792	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1082535	124.34	ng	0.00
7) Phenol-d6	6.19	99	1427539	125.24	ng	-0.01
23) Nitrobenzene-d5	7.12	82	847537	86.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	301566	100.06	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1257774	65.84	ng	-0.01
78) Terphenyl-d14	12.63	244	1247988	69.22	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	21655	3.56	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.12	70	103881	14.67	ng	# 78
50) 2,6-Dinitrotoluene	9.58	165	38766	7.78	ng	# 20
56) 2,4-Dinitrotoluene	9.58	165	38767	6.39	ng	# 15
66) 4-Bromophenyl-phenylether	10.36	248	16714	3.51	ng	# 1

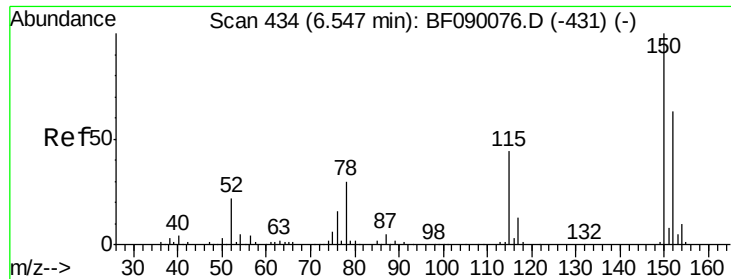
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 15 11:18:43 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB93355BL

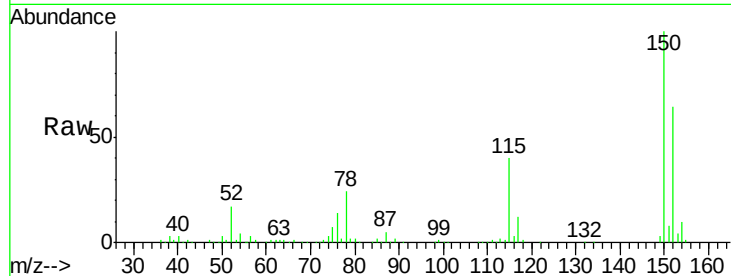
Tgt Ion:152 Resp: 140022

Ion Ratio Lower Upper

152 100

150 157.1 128.9 193.3

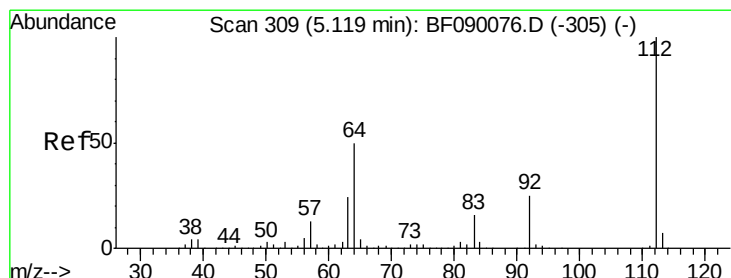
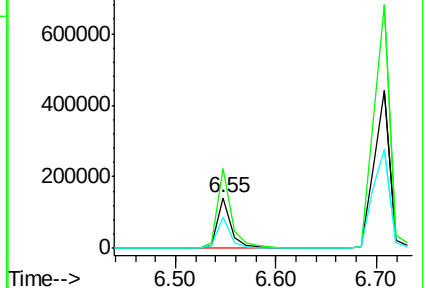
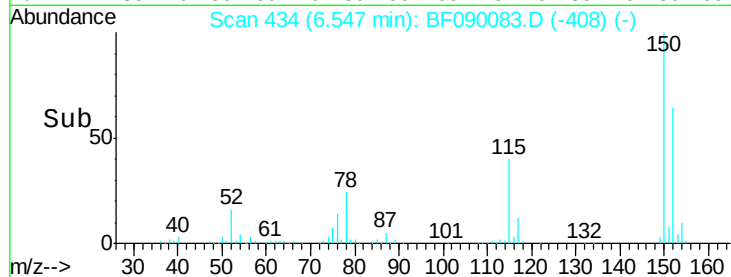
115 62.6 55.5 83.3



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: 124.34 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.00 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

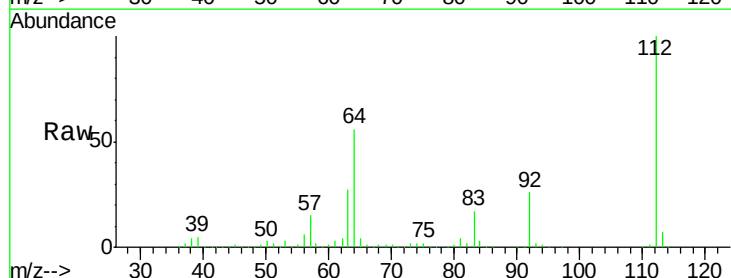
Tgt Ion:112 Resp: 1082535

Ion Ratio Lower Upper

112 100

64 56.2 39.8 59.6

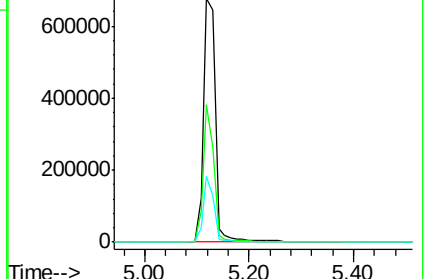
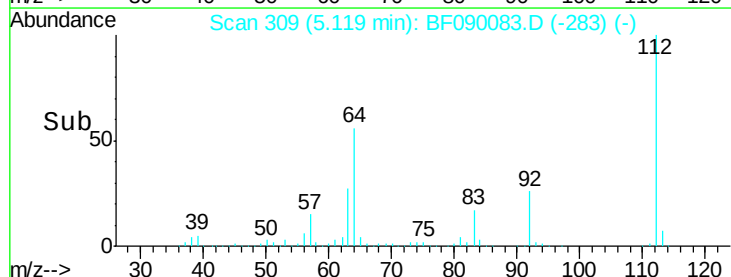
63 27.1 18.9 28.3

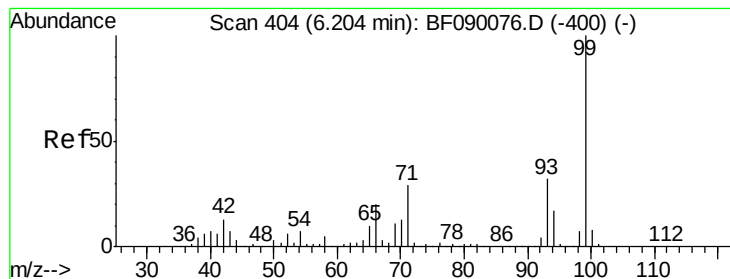


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.24 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB93355BL

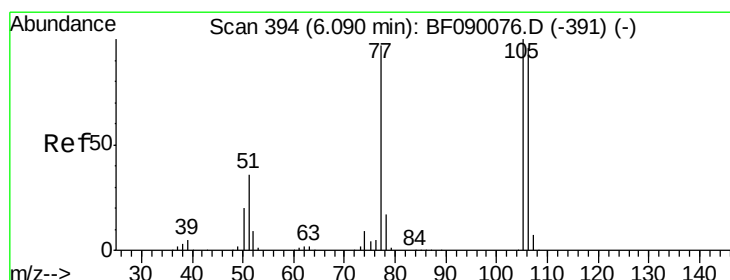
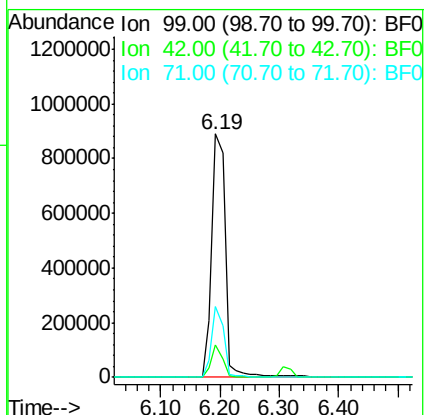
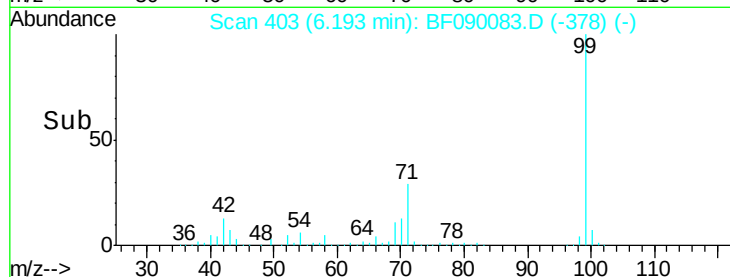
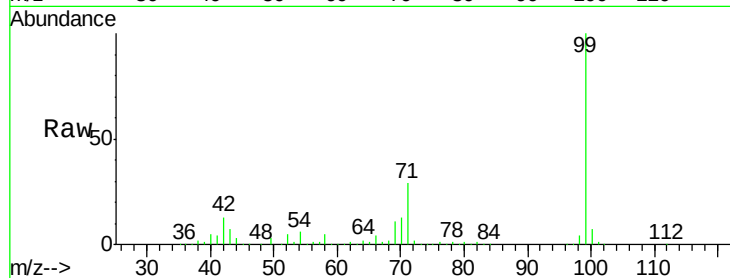
Tgt Ion: 99 Resp: 1427539

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

71 29.1 23.0 34.6



#9

Benzaldehyde

Concen: 3.56 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.23 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

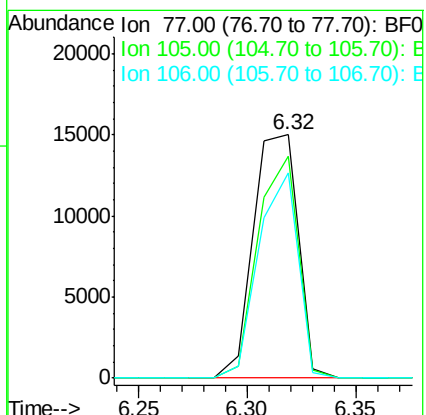
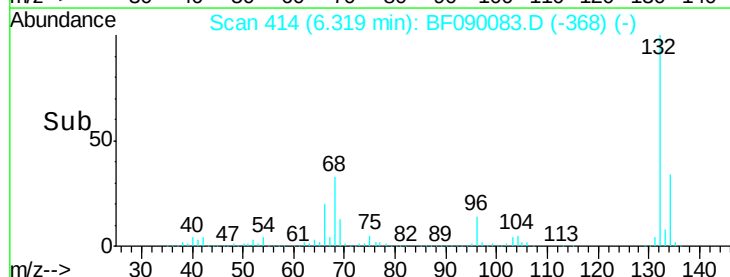
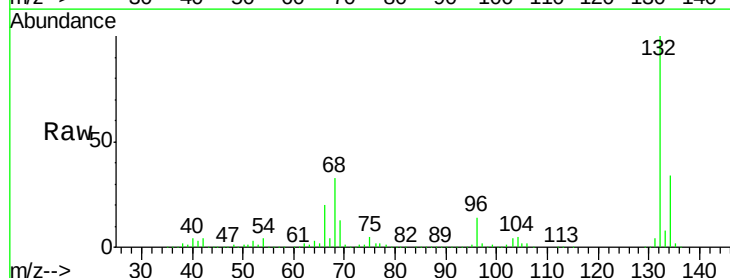
Tgt Ion: 77 Resp: 21655

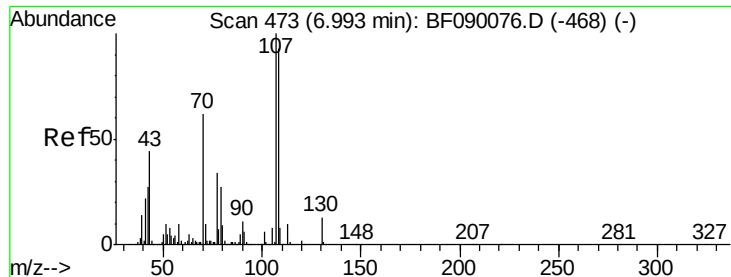
Ion Ratio Lower Upper

77 100

105 91.4 83.0 123.0

106 84.5 78.5 118.5

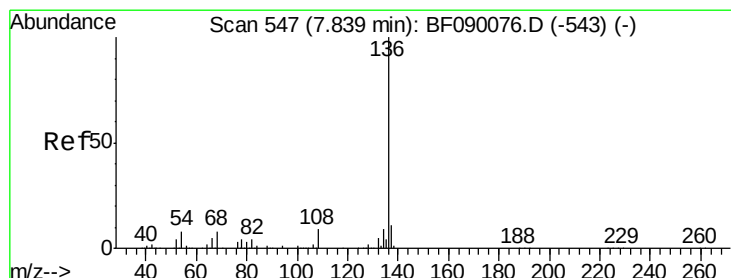
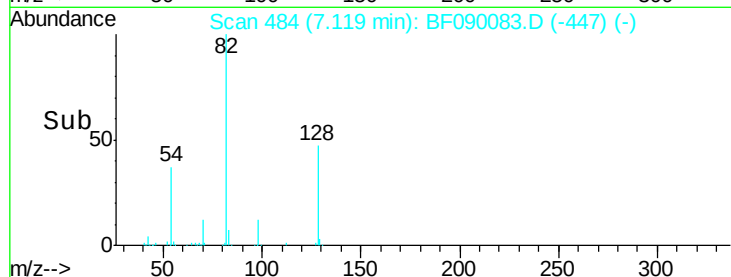
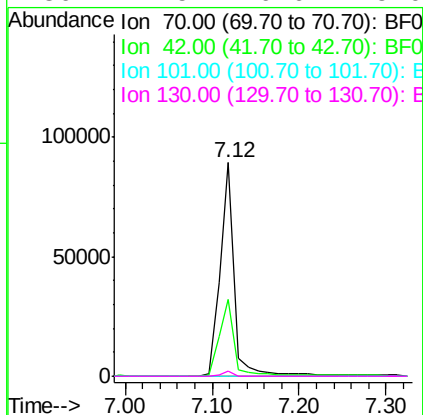
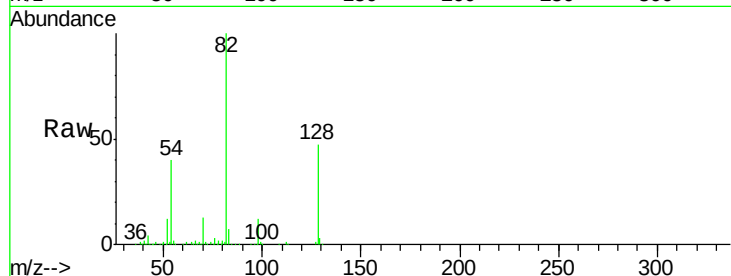




#19
n-Nitroso-di-n-propylamine
Concen: 14.67 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.13 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

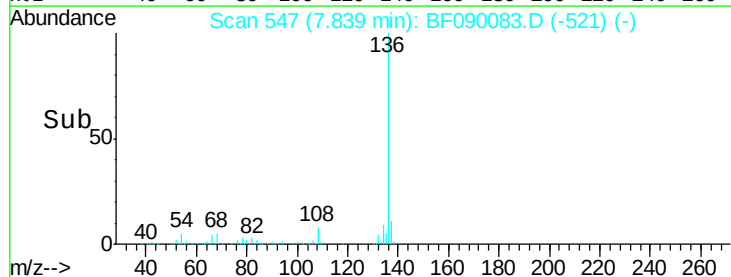
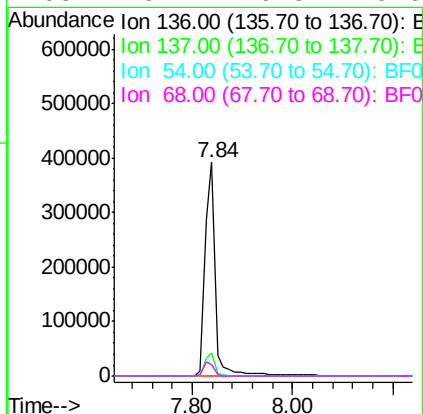
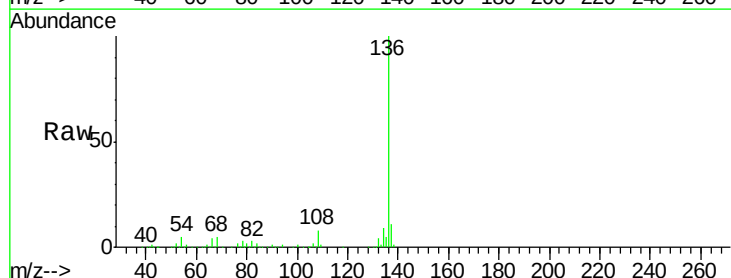
Instrument :
BNA_F
ClientSampleId :
PB93355BL

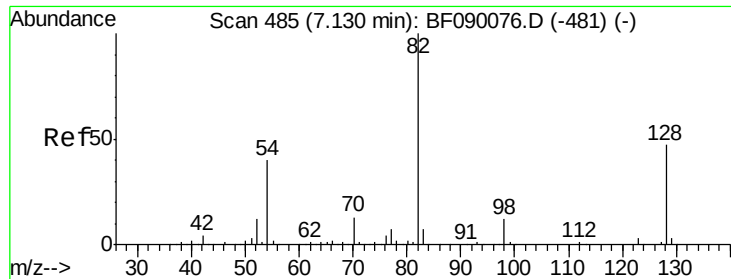
Tgt Ion	Ratio	Lower	Upper
70	100		
42	35.8	35.1	52.7
101	0.0	7.5	11.3#
130	2.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	5.3	6.4	9.6#
68	5.2	6.3	9.5#

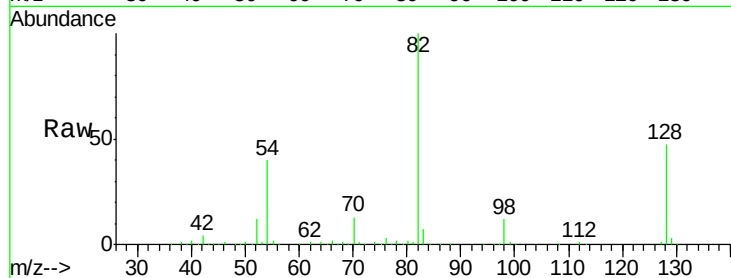




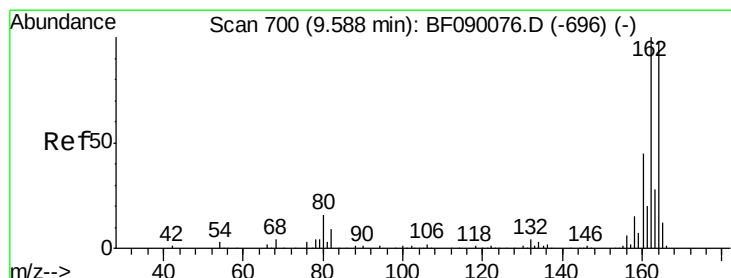
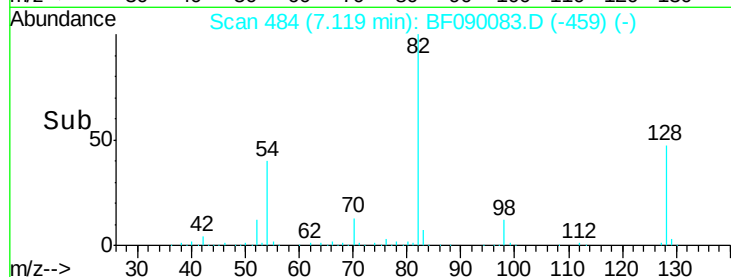
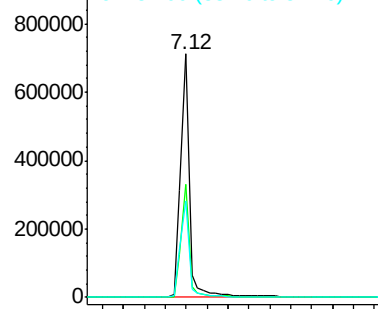
#23
 Nitrobenzene-d5
 Concen: 86.22 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Instrument :
 BNA_F
 ClientSampleID :
 PB93355BL

Tgt Ion: 82 Resp: 847537
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.5 56.3
 54 39.9 31.9 47.9

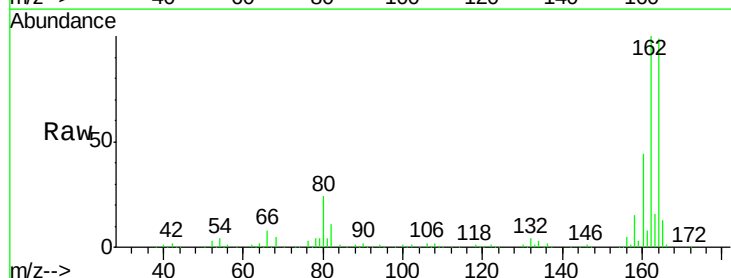


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

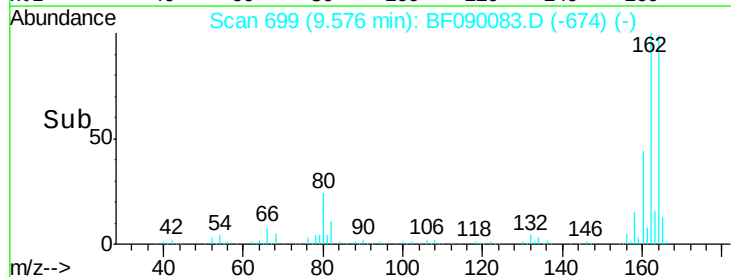
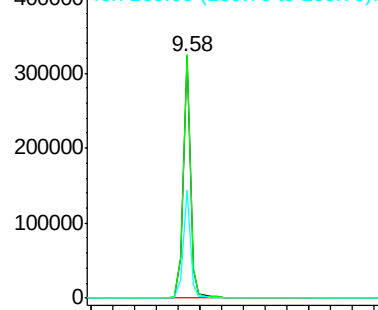


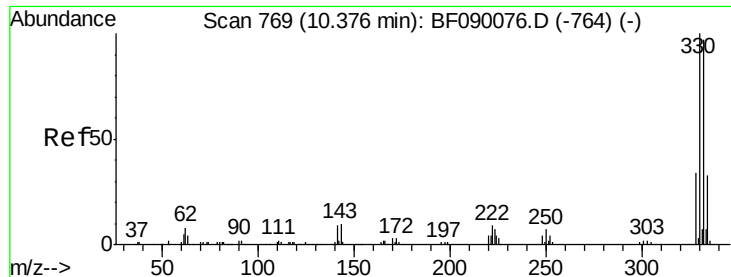
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Tgt Ion: 164 Resp: 300031
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.4 122.2
 160 44.7 36.6 54.8



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

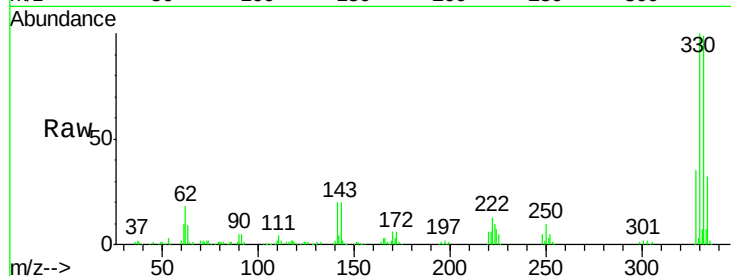




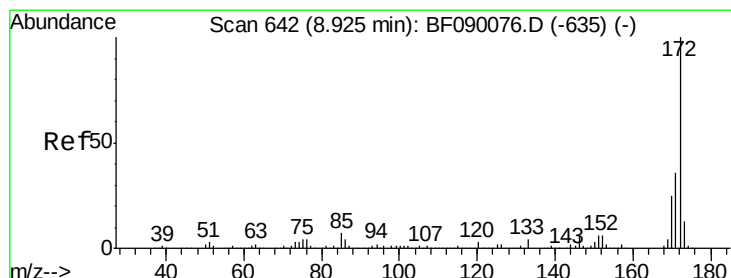
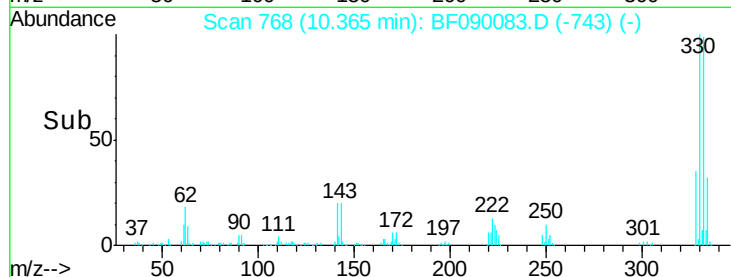
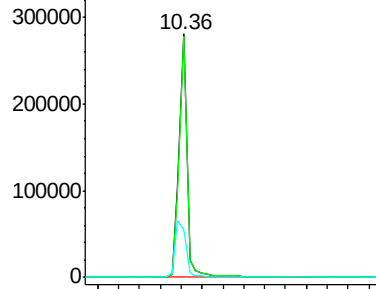
#41
 2,4,6-Tribromophenol
 Concen: 100.06 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB93355BL

Tgt Ion:330 Resp: 301566
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.1 117.1
 141 31.6 23.9 35.9

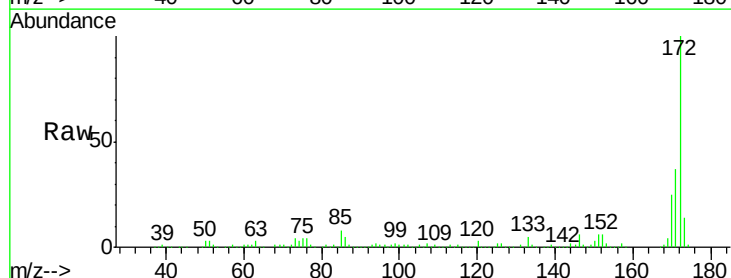


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

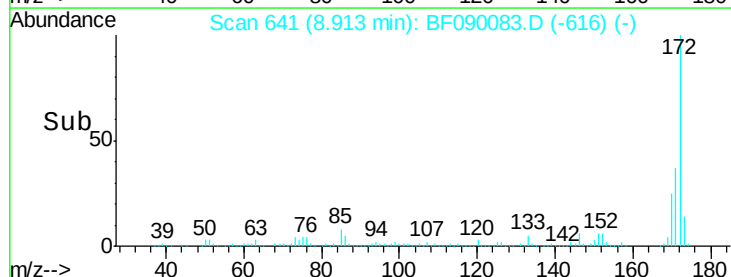
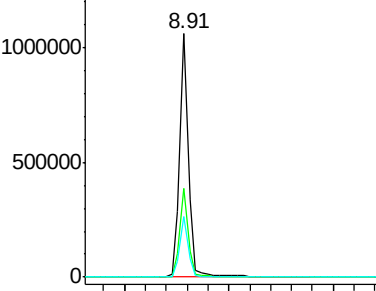


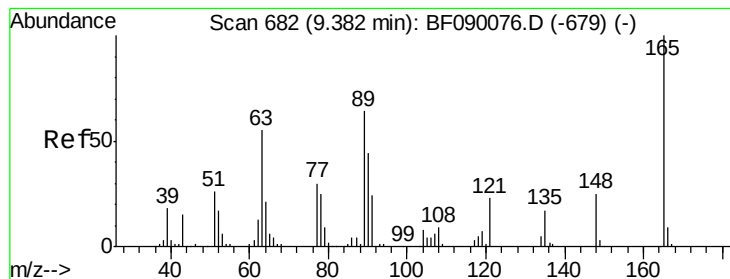
#44
 2-Fluorobiphenyl
 Concen: 65.84 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090083.D
 Acq: 15 Sep 2016 11:00

Tgt Ion:172 Resp: 1257774
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 24.9 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: 7.78 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.19 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB93355BL

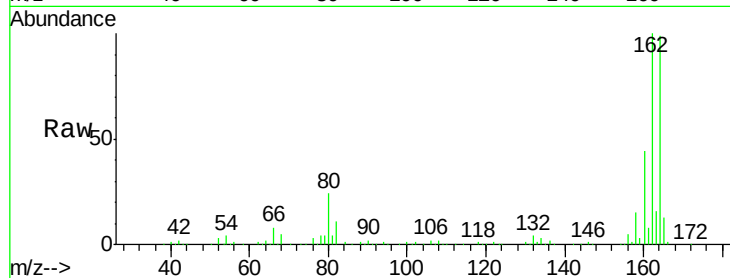
Tgt Ion:165 Resp: 38766

Ion Ratio Lower Upper

165 100

63 0.9 49.9 74.9#

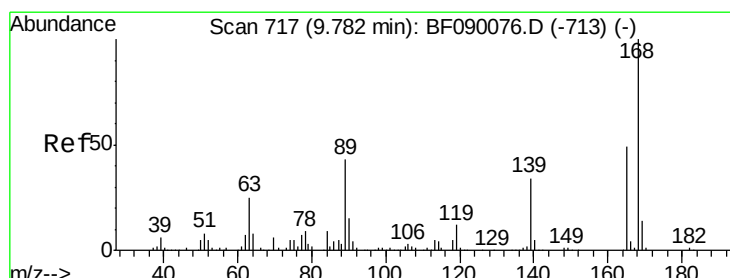
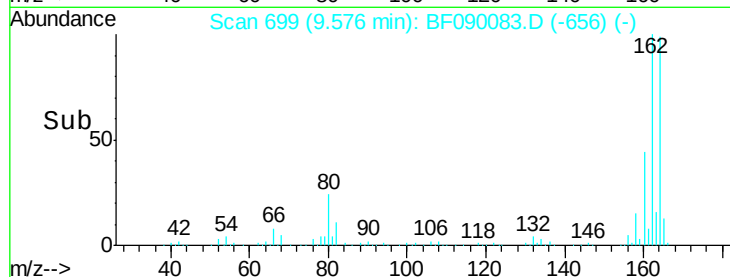
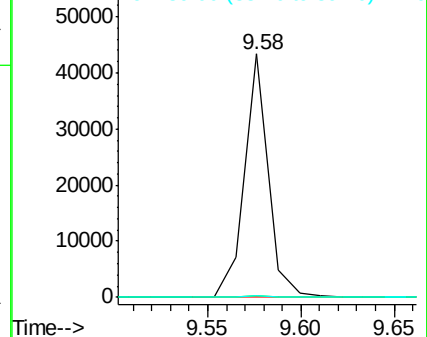
89 0.9 51.0 76.4#



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: 6.39 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.21 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Tgt Ion:165 Resp: 38767

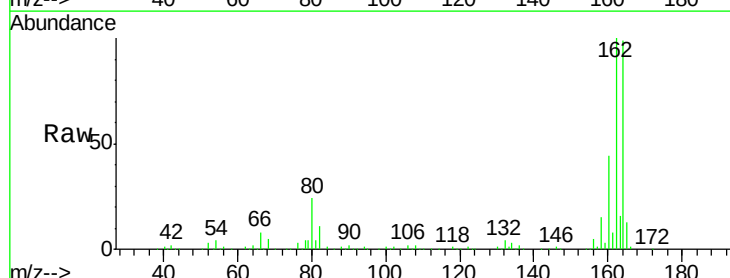
Ion Ratio Lower Upper

165 100

63 0.9 44.4 66.6#

89 0.9 70.1 105.1#

182 0.0 1.7 2.5#

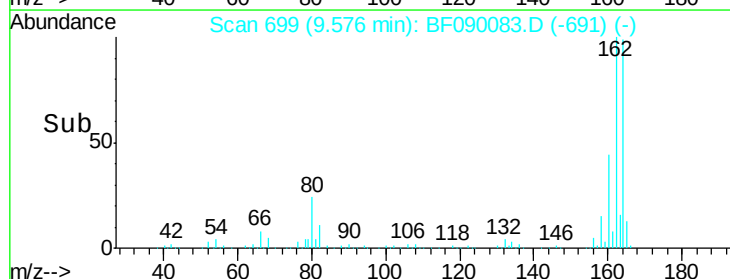
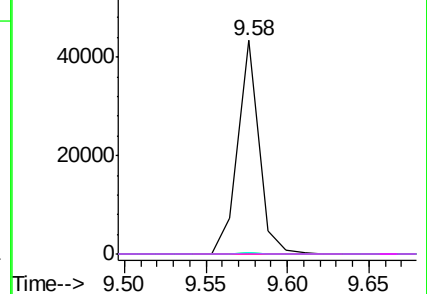


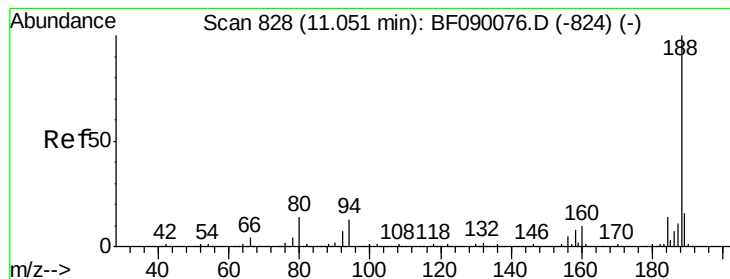
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB93355BL

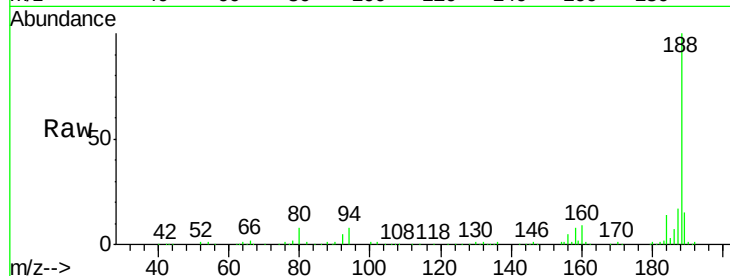
Tgt Ion:188 Resp: 494187

Ion Ratio Lower Upper

188 100

94 8.2 10.5 15.7#

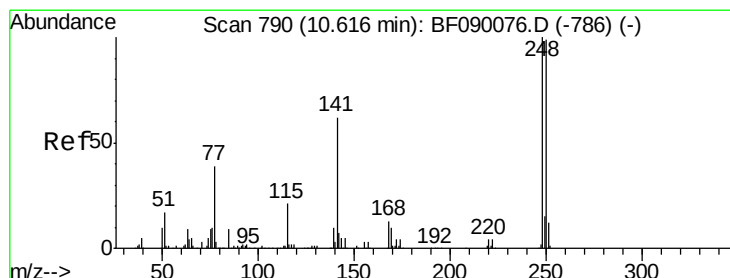
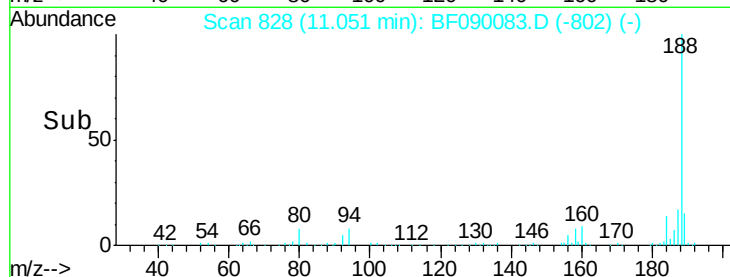
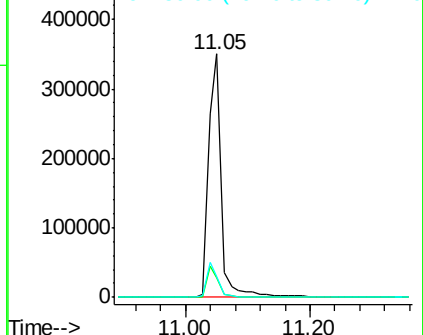
80 8.3 11.2 16.8#



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: 3.51 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.25 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

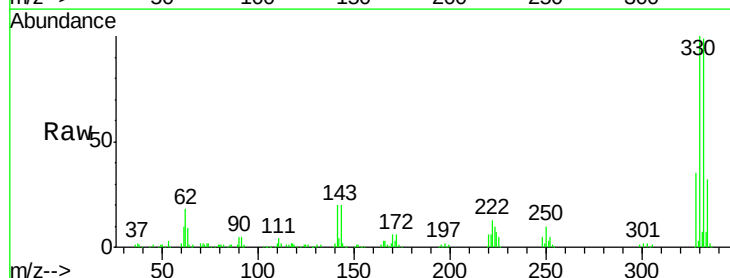
Tgt Ion:248 Resp: 16714

Ion Ratio Lower Upper

248 100

250 192.4 79.4 119.2#

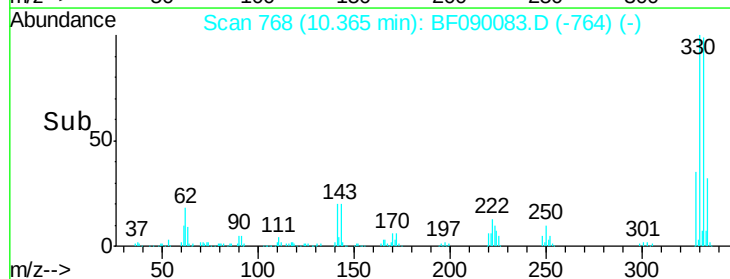
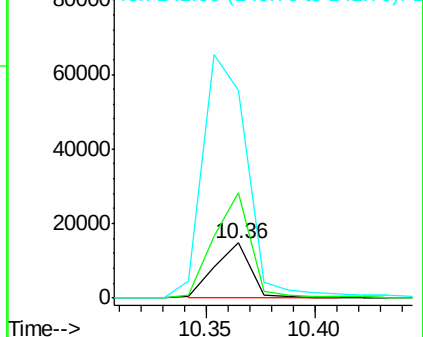
141 379.8 49.3 73.9#

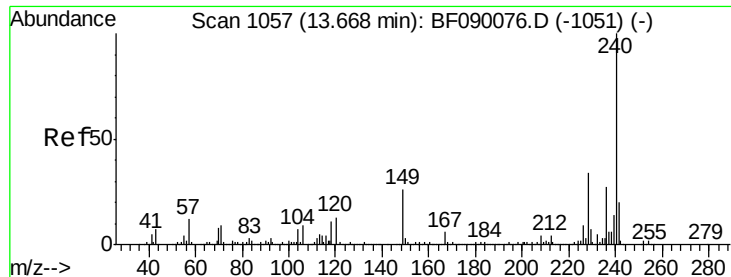


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB93355BL

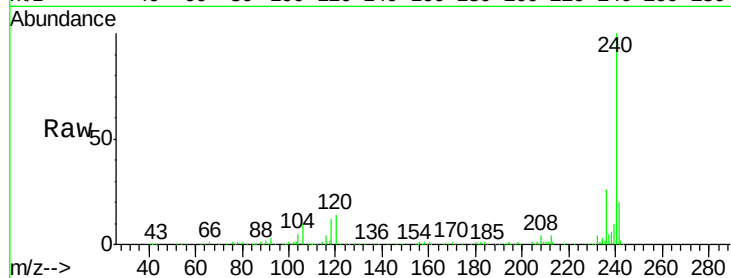
Tgt Ion:240 Resp: 428134

Ion Ratio Lower Upper

240 100

120 14.2 10.6 16.0

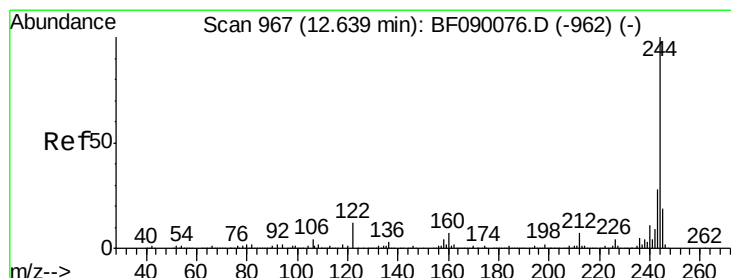
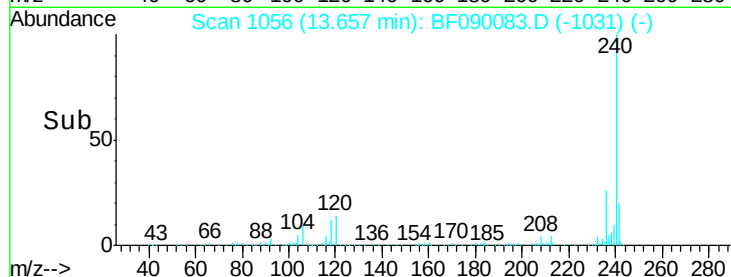
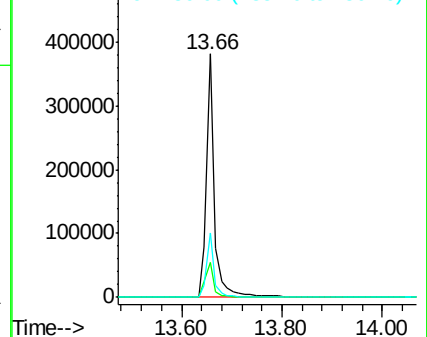
236 26.5 21.6 32.4



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: 69.22 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF090083.D

Acq: 15 Sep 2016 11:00

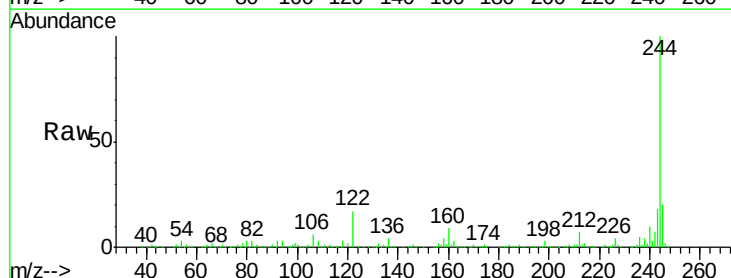
Tgt Ion:244 Resp: 1247988

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

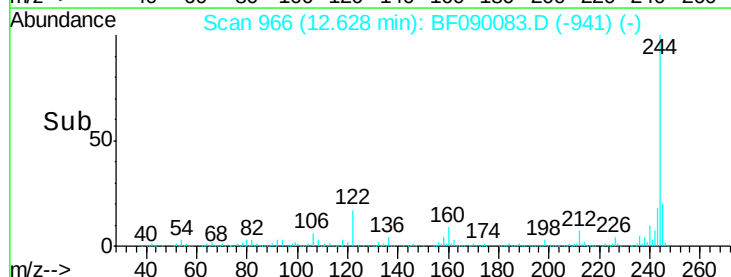
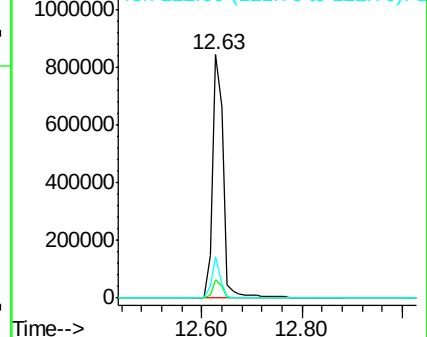
122 16.9 9.4 14.0#

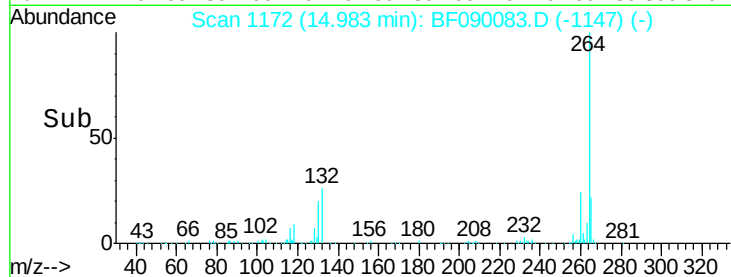
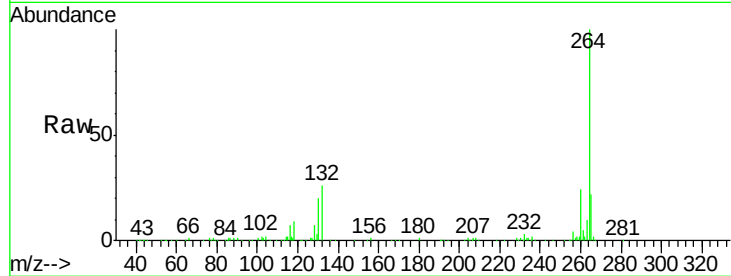
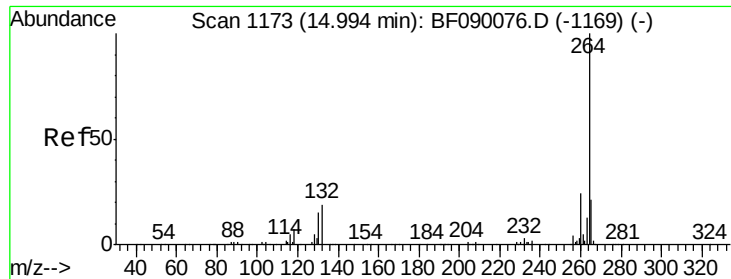


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF090083.D
Acq: 15 Sep 2016 11:00

Instrument :
BNA_F
ClientSampleId :
PB93355BL

Tgt Ion:	264	Resp:	299792
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.0	25.4

