

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082119.D
 Acq On : 7 Oct 2015 22:36
 Operator : UM/IZ
 Sample : G3926-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(53-54)

Quant Time: Oct 08 02:55:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

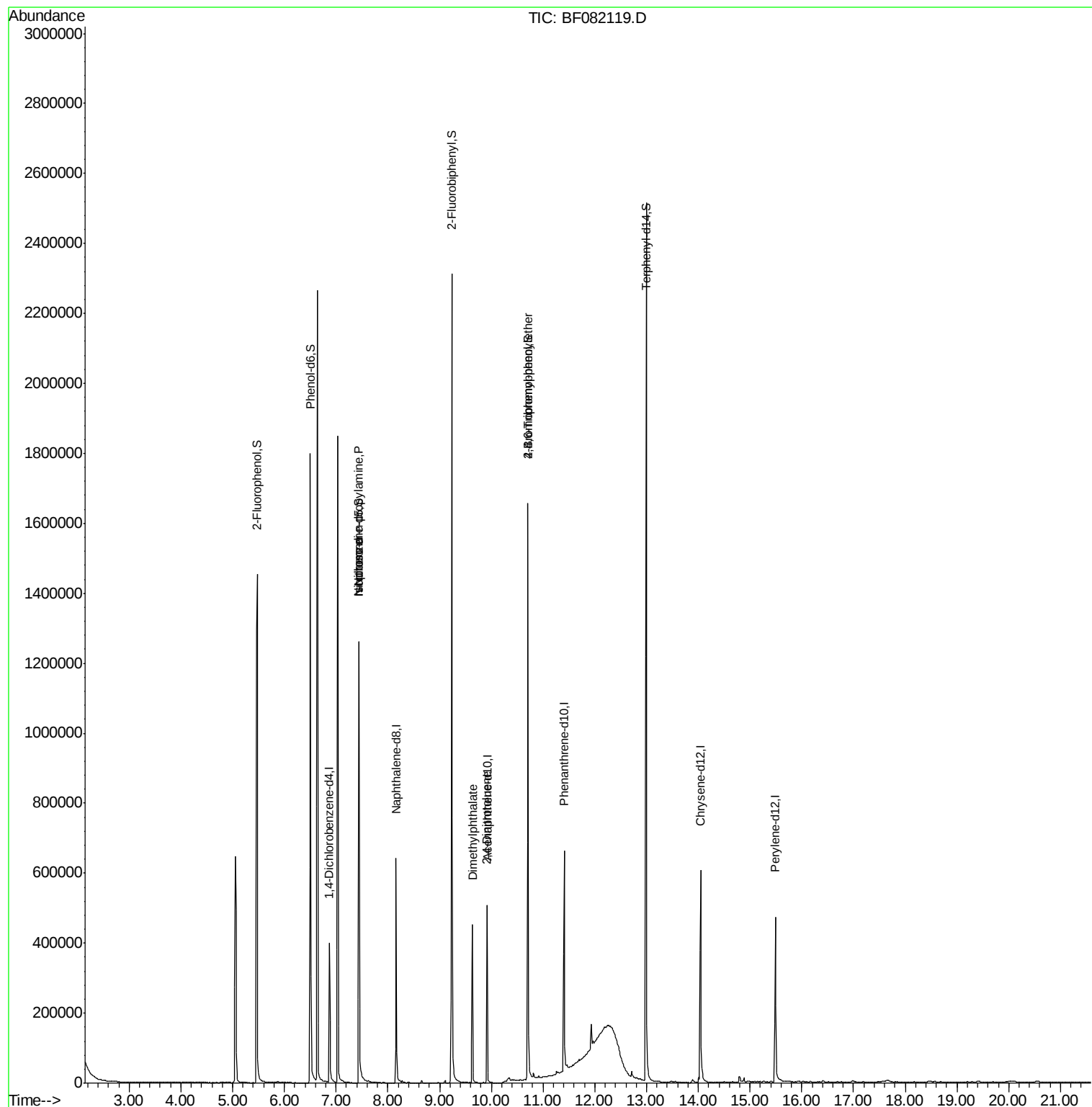
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	81427	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	335131	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	165442	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	335901	20.00	ng	0.00
75) Chrysene-d12	14.05	240	340448	20.00	ng	-0.01
86) Perylene-d12	15.49	264	270462	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	625037	139.34	ng	0.01
7) Phenol-d6	6.50	99	739694	131.05	ng	0.00
23) Nitrobenzene-d5	7.44	82	477655	95.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	237275	141.61	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	860866	87.59	ng	-0.01
78) Terphenyl-d14	13.00	244	978085	96.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	59613	17.38	ng	# 58
25) Isophorone	7.44	82	410926	41.24	ng	# 58
49) Dimethylphthalate	9.63	163	214171	18.75	ng	# 97
56) 2,4-Dinitrotoluene	9.91	165	19726	6.24	ng	# 31
57) Fluorene	10.71	166	10298	Below	Cal	# 79
66) 4-Bromophenyl-phenylether	10.71	248	16040	4.74	ng	# 1
70) Phenanthrene	11.43	178	1344	Below	Cal	# 62
73) Di-n-butylphthalate	11.97	149	4482	Below	Cal	# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(53-54)

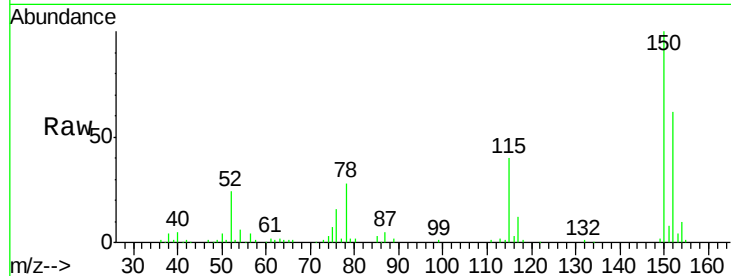
Tot Ion:152 Resp: 81427

Ion Ratio Lower Upper

152 100

150 160.0 124.7 187.1

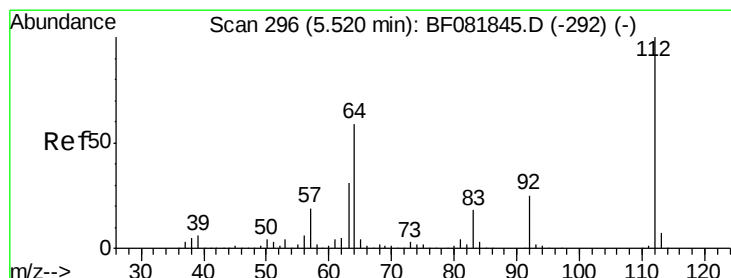
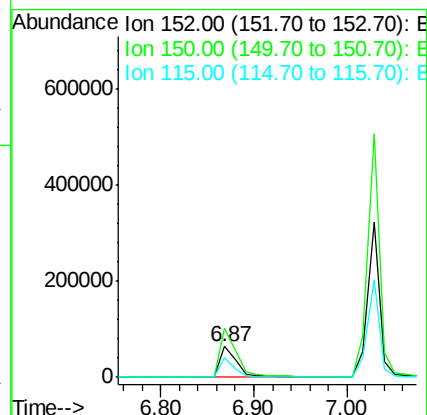
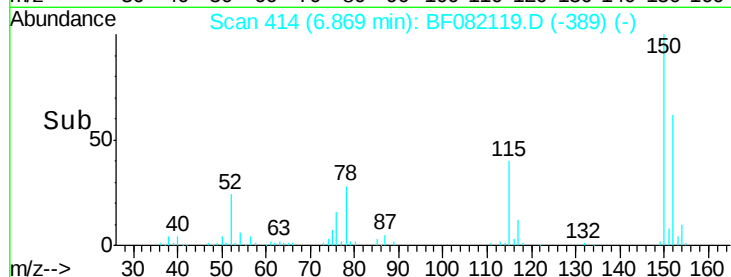
115 64.3 39.0 58.4#



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: 139.34 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

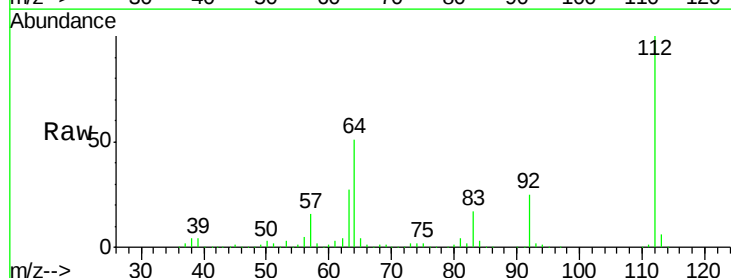
Tgt Ion:112 Resp: 625037

Ion Ratio Lower Upper

112 100

64 51.5 39.7 59.5

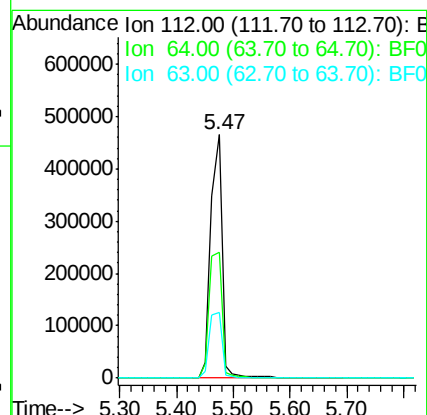
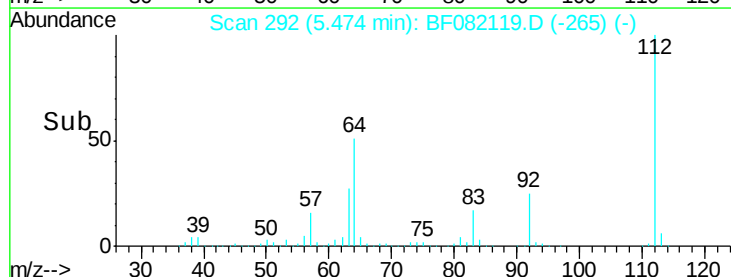
63 26.8 17.4 26.0#

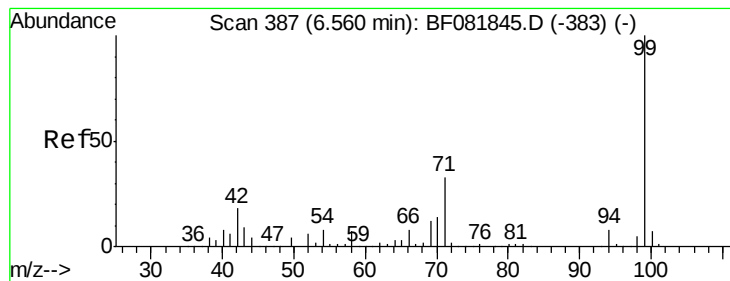


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.05 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(53-54)

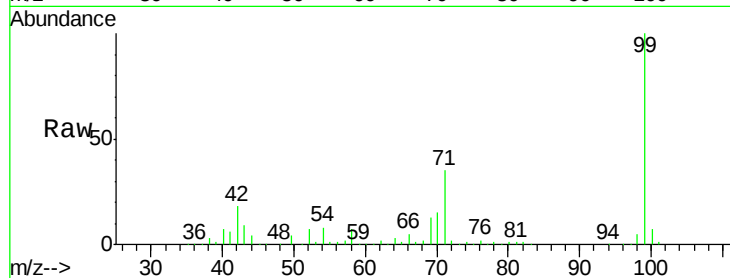
Tot Ion: 99 Resp: 739694

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

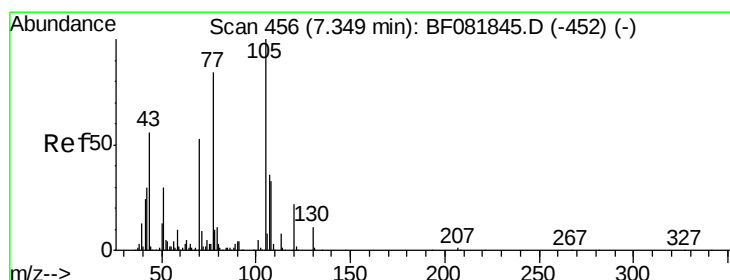
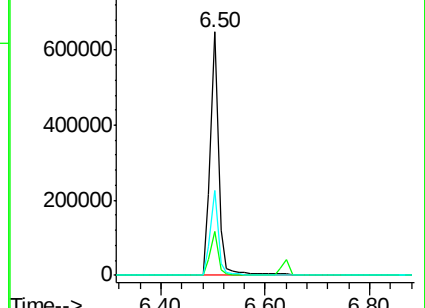
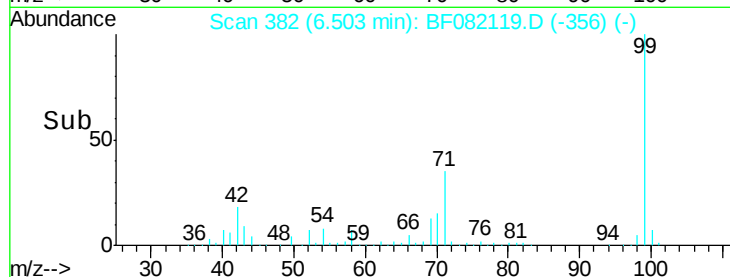
71 34.9 14.2 21.2#



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: 17.38 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

Tgt Ion: 70 Resp: 59613

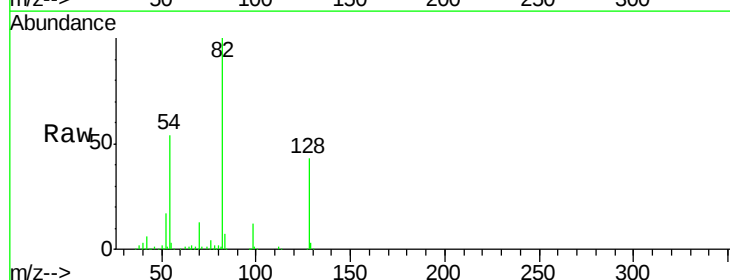
Ion Ratio Lower Upper

70 100

42 46.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

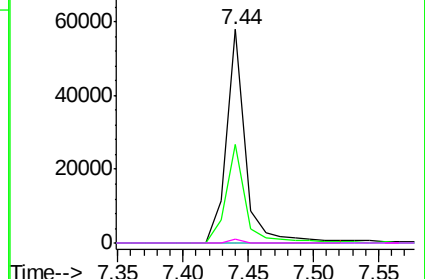
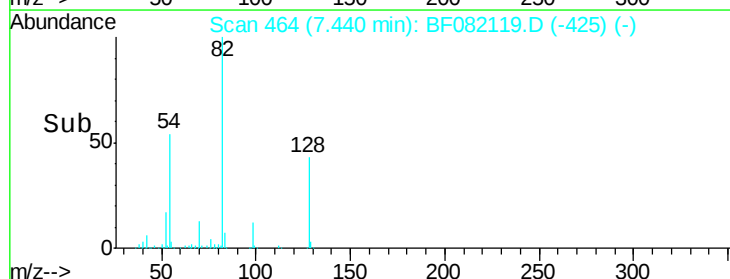


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

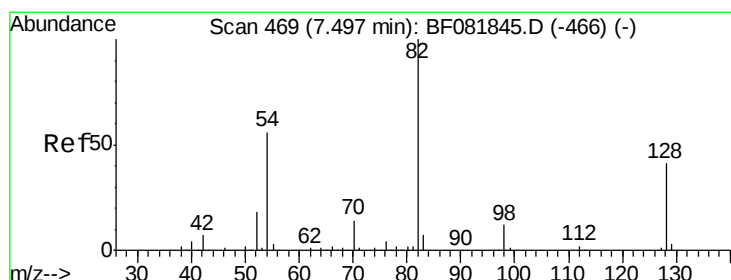
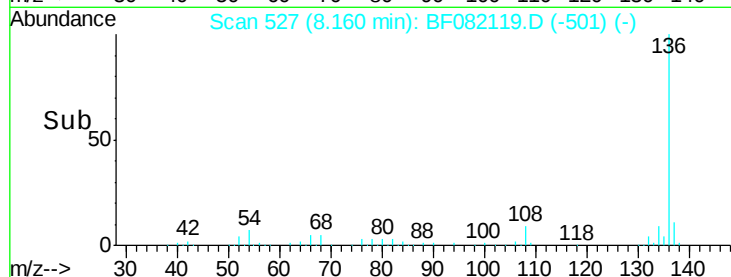
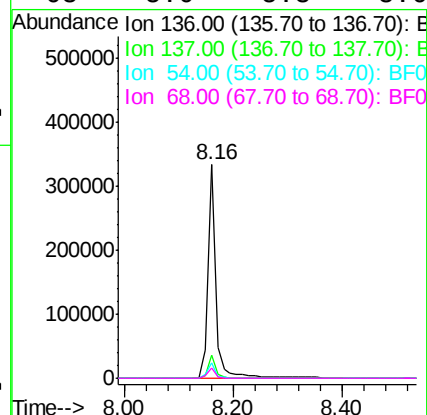
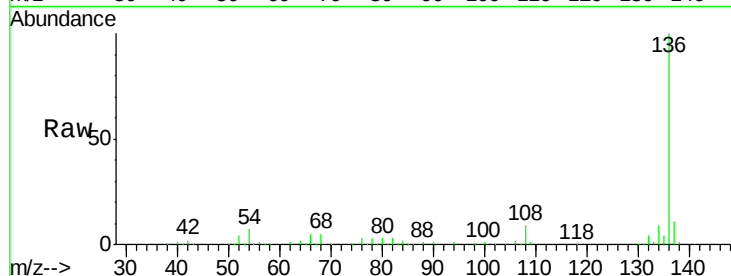




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082119.D
Acq: 7 Oct 2015 22:36

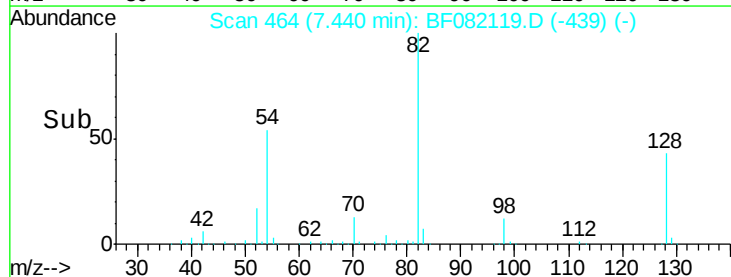
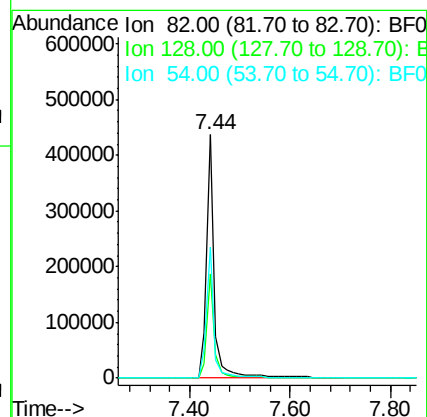
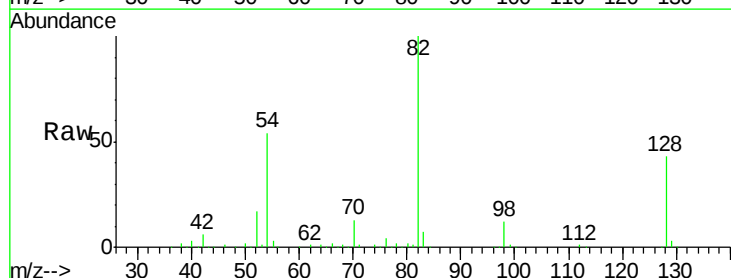
Instrument :
BNA_F
ClientSampleId :
OS-SB-23(53-54)

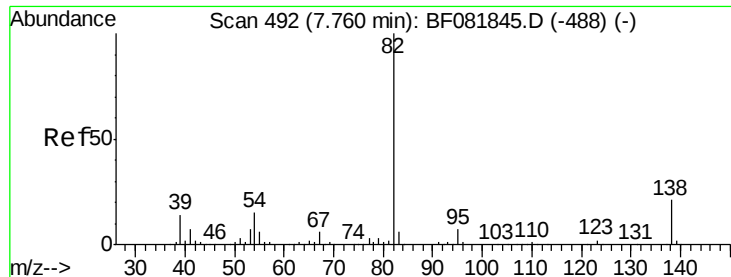
Tot Ion:	136	Resp:	335131
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.4	8.2	12.2#
68	5.0	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 95.01 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082119.D
Acq: 7 Oct 2015 22:36

Tgt Ion:	82	Resp:	477655
Ion	Ratio	Lower	Upper
82	100		
128	42.9	51.0	76.6#
54	53.8	47.5	71.3





#25

Isophorone

Concen: 41.24 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(53-54)

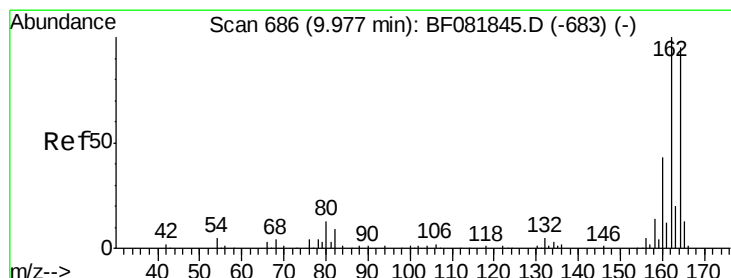
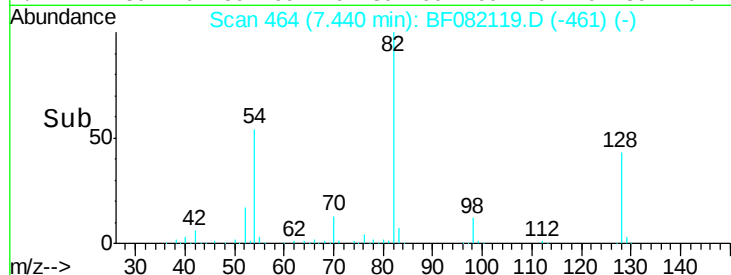
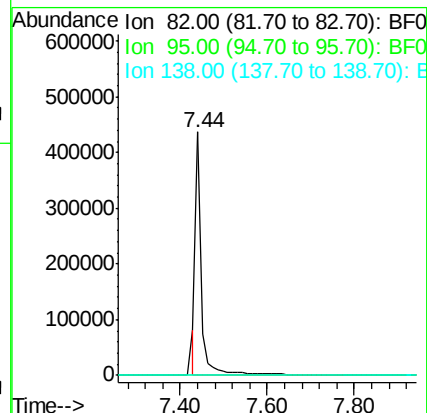
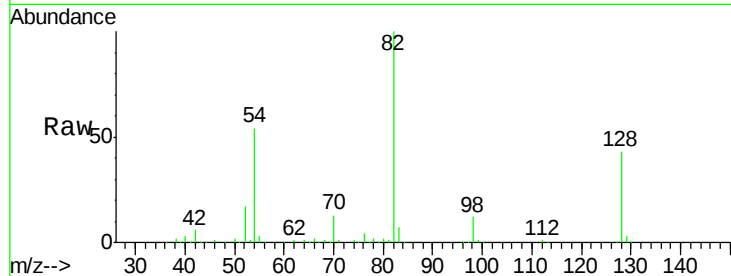
Tot Ion: 82 Resp: 410926

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

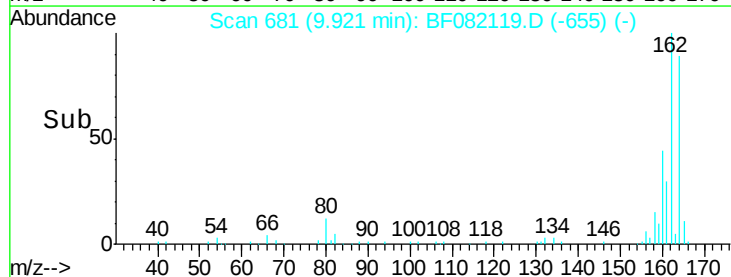
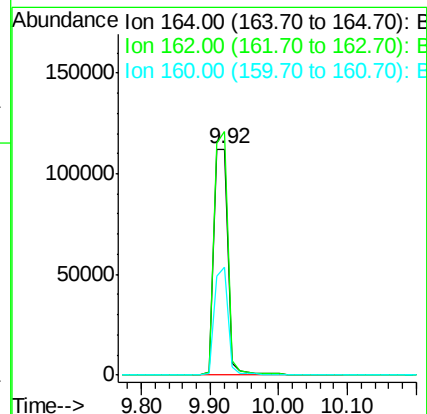
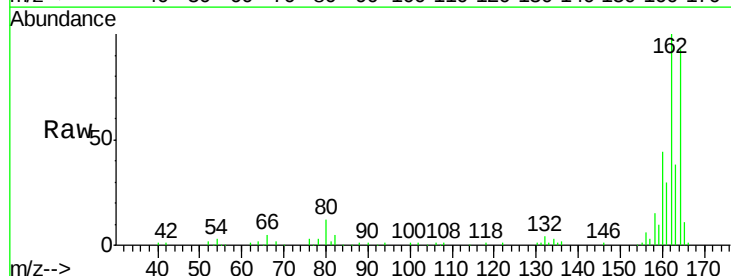
Tgt Ion:164 Resp: 165442

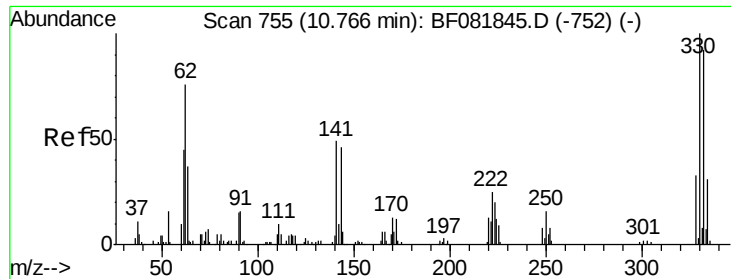
Ion Ratio Lower Upper

164 100

162 107.6 75.2 112.8

160 47.8 31.5 47.3#

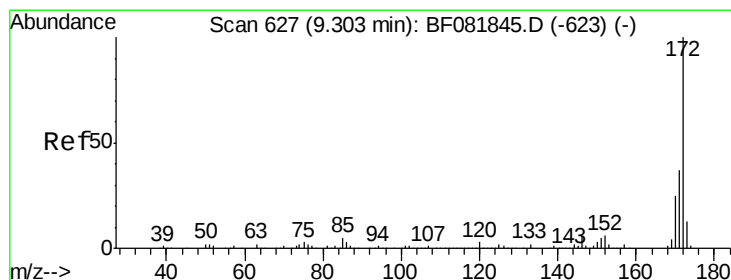
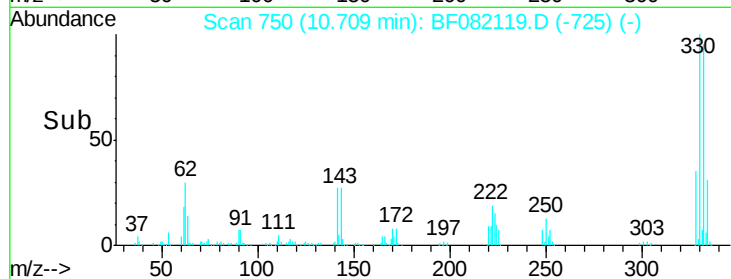
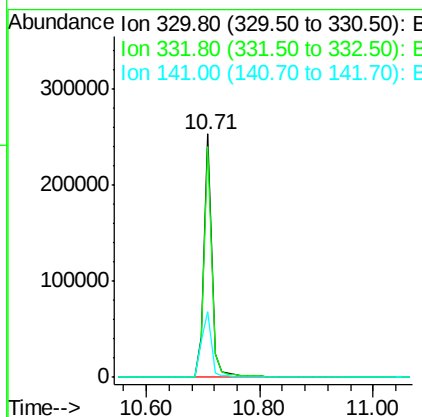
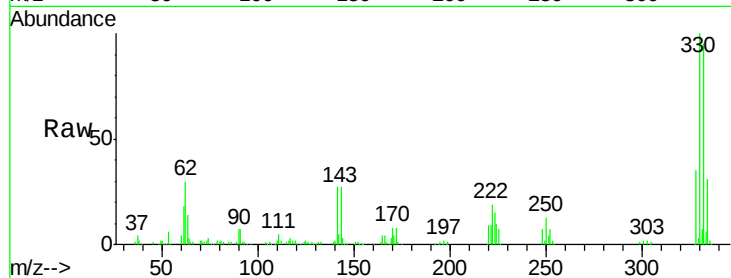




#41
 2,4,6-Tribromophenol
 Concen: 141.61 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082119.D
 Acq: 7 Oct 2015 22:36

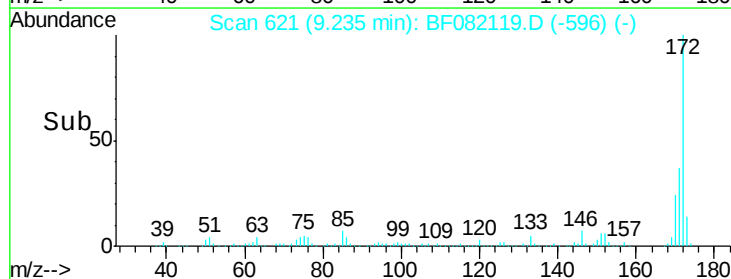
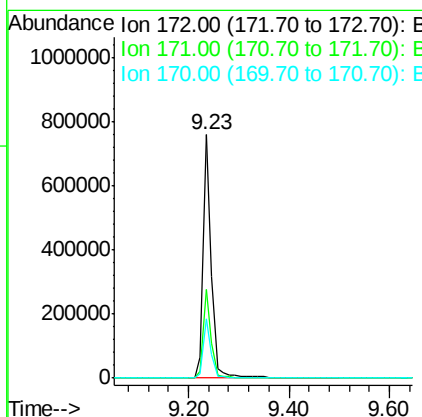
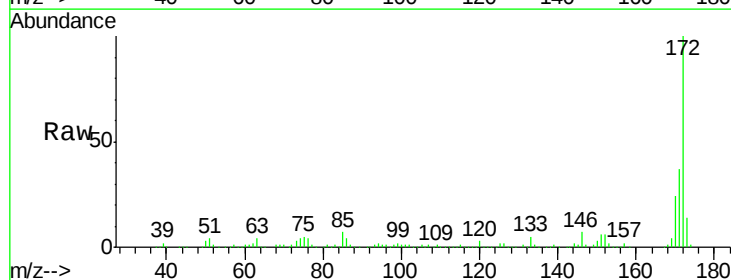
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-23(53-54)

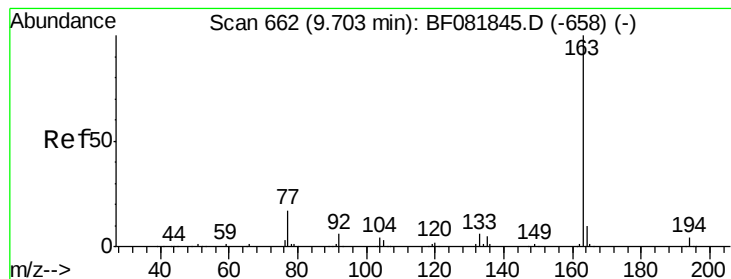
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	34.0	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 87.59 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082119.D
 Acq: 7 Oct 2015 22:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.1	39.1
170	24.4	17.4	26.2





#49

Dimethylphthalate

Concen: 18.75 ng

RT: 9.63 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(53-54)

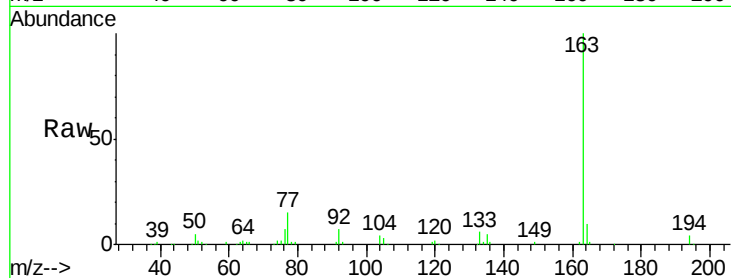
Tot Ion:163 Resp: 214171

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

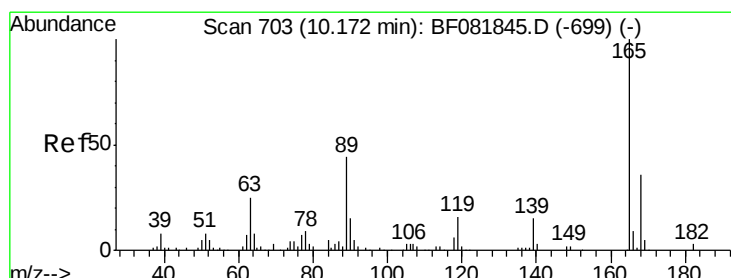
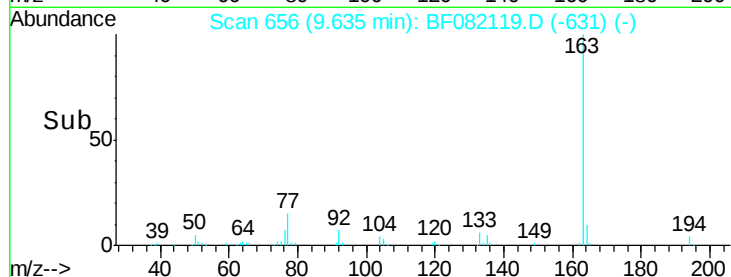
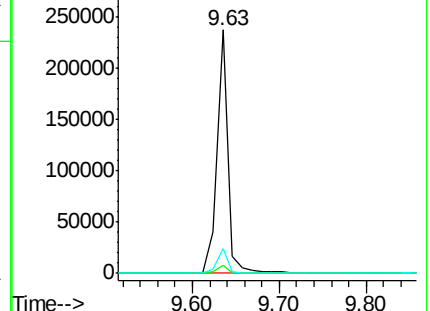
164 10.0 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.24 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.21 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

Tgt Ion:165 Resp: 19726

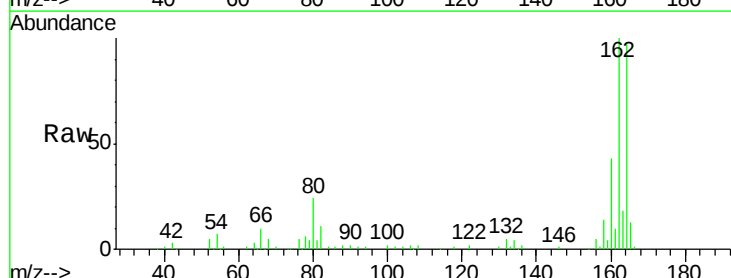
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

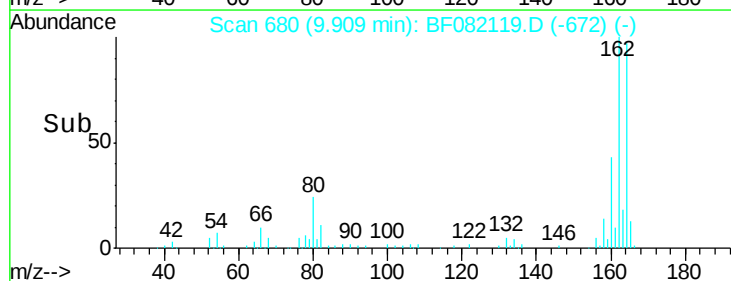
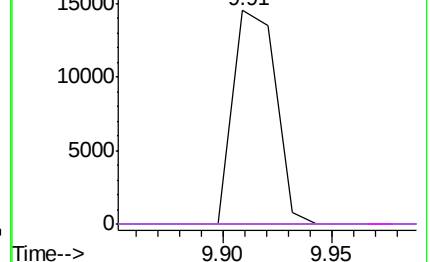


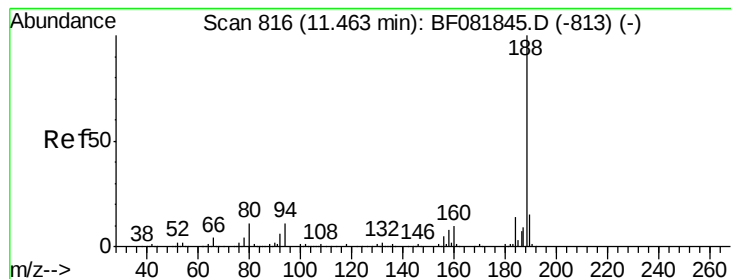
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(53-54)

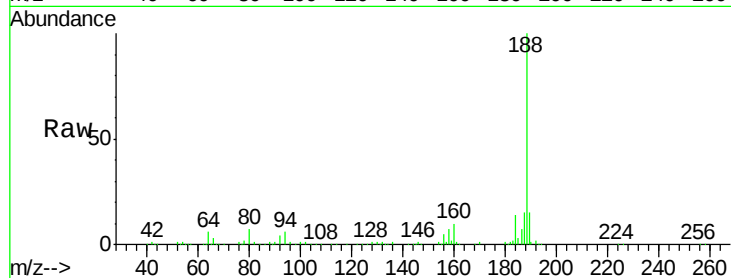
Tot Ion:188 Resp: 335901

Ion Ratio Lower Upper

188 100

94 6.5 11.1 16.7#

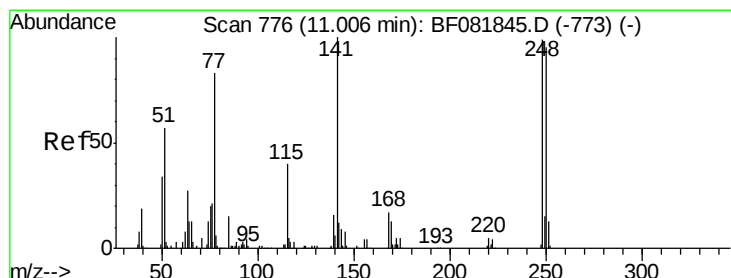
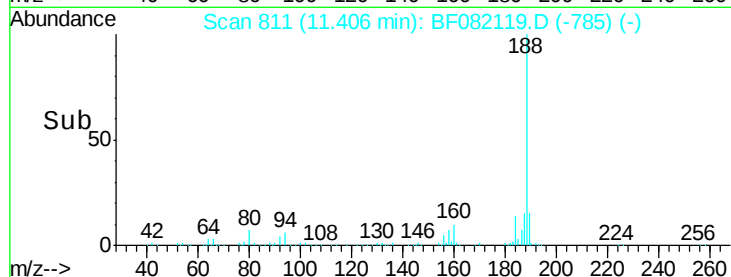
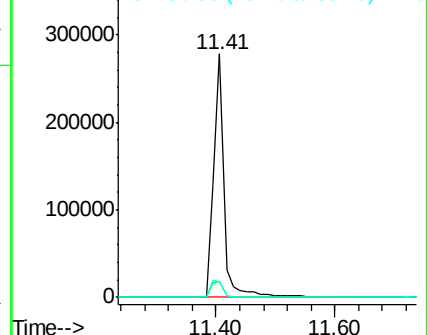
80 6.6 11.0 16.4#



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: 4.74 ng

RT: 10.71 min Scan# 750

Delta R.T. -0.25 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

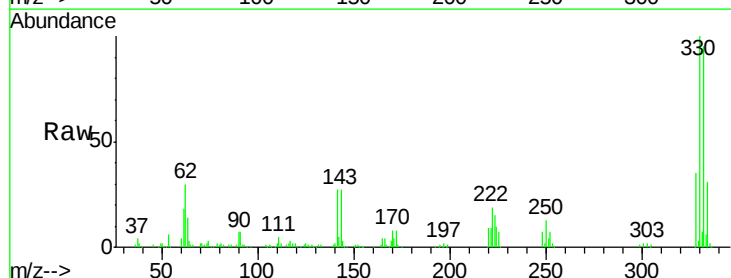
Tgt Ion:248 Resp: 16040

Ion Ratio Lower Upper

248 100

250 199.1 78.5 117.7#

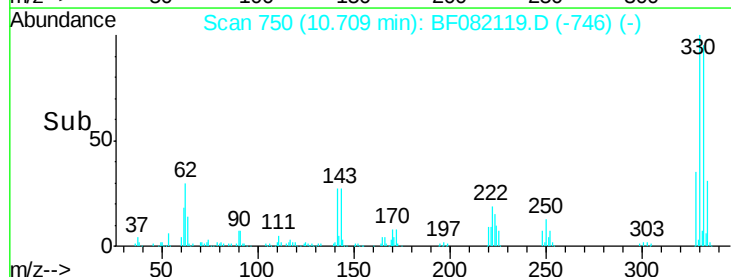
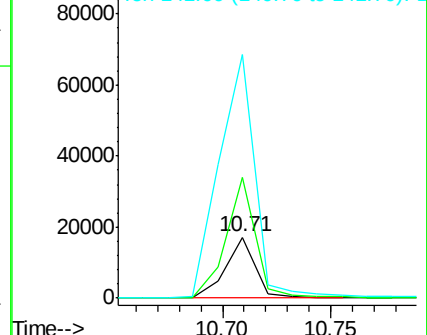
141 401.0 59.0 88.6#

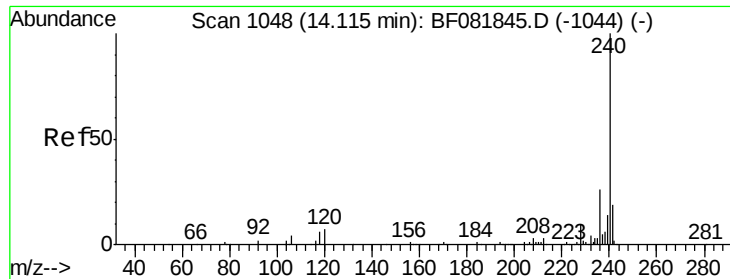


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

Instrument :

BNA_F

ClientSampleId :

OS-SB-23(53-54)

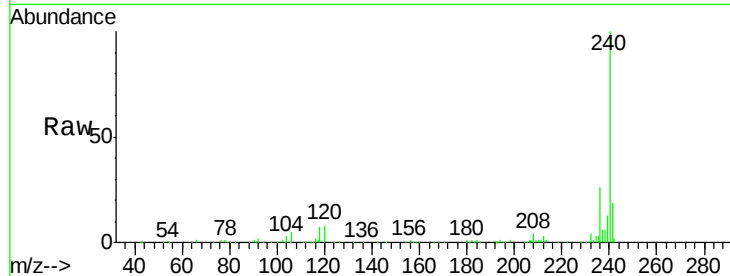
Tot Ion:240 Resp: 340448

Ion Ratio Lower Upper

240 100

120 7.8 16.2 24.2#

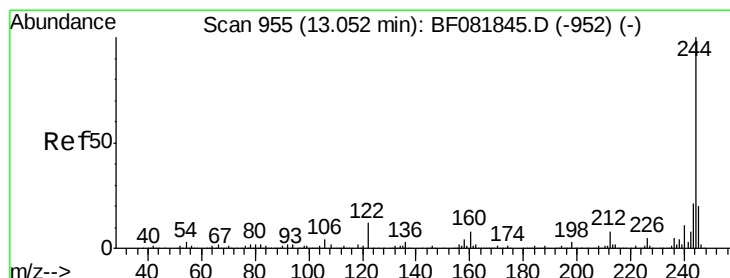
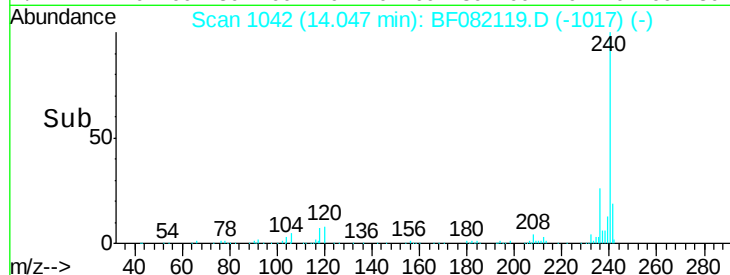
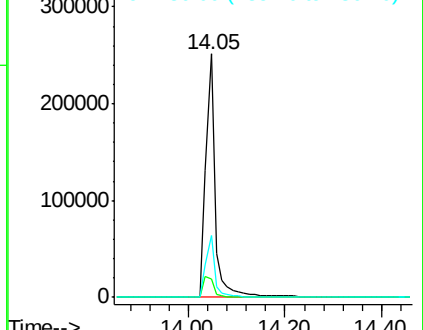
236 25.6 18.4 27.6



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: 96.29 ng

RT: 13.00 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF082119.D

Acq: 7 Oct 2015 22:36

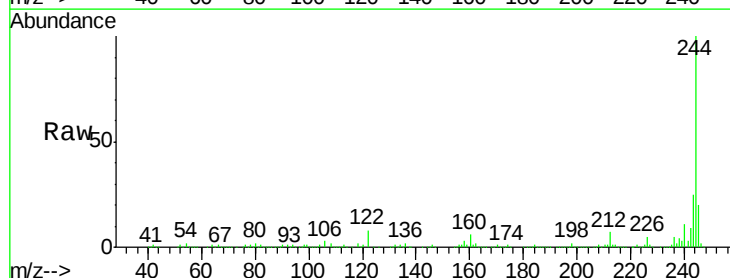
Tgt Ion:244 Resp: 978085

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

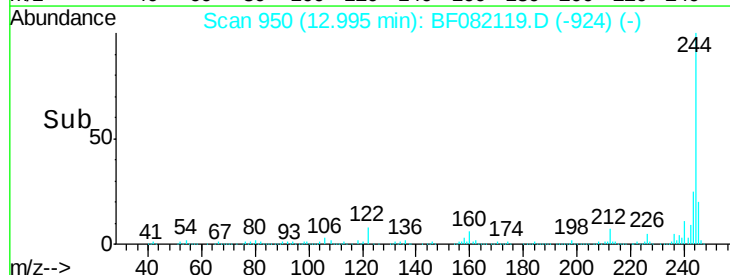
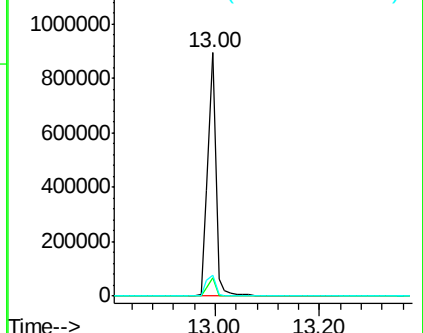
122 8.4 17.4 26.2#

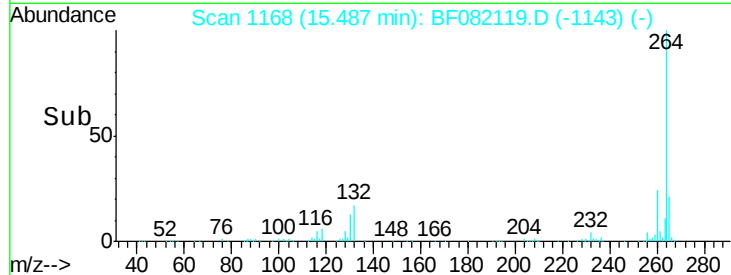
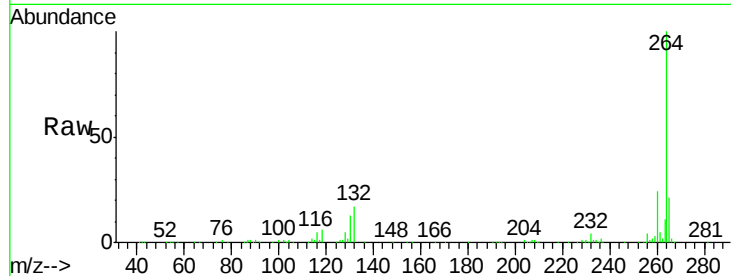
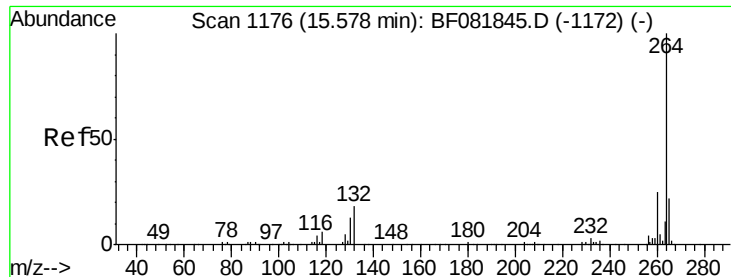


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF082119.D
Acq: 7 Oct 2015 22:36

Instrument :
BNA_F
ClientSampleId :
OS-SB-23(53-54)

Tot Ion:	264	Resp:	270462
Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.4	17.2	25.8

