

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081478.D
 Acq On : 5 Sep 2015 22:30
 Operator : UM/IZ
 Sample : G3555-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3

Quant Time: Sep 07 01:31:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

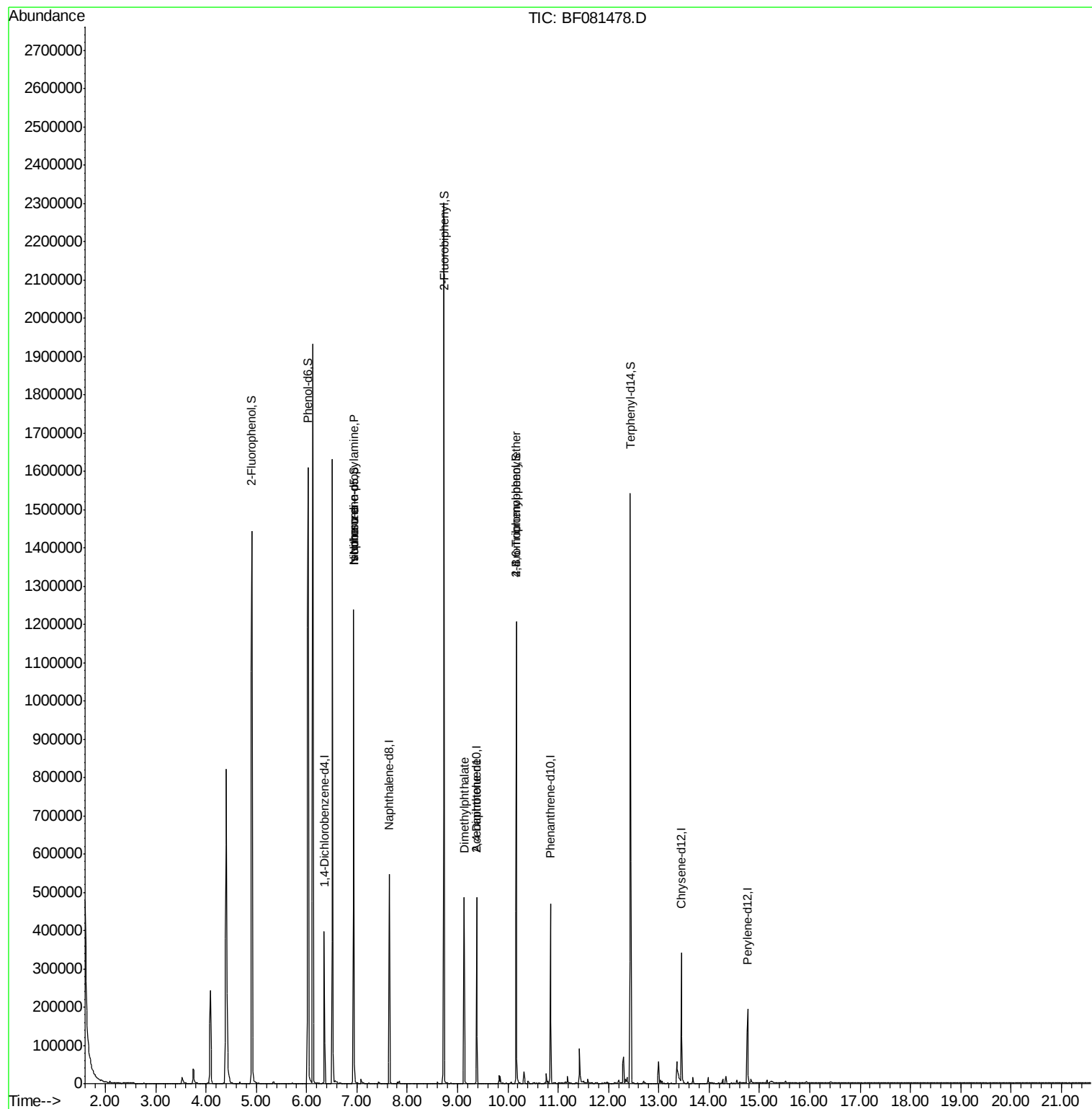
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54484	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	215131	20.00	ng	-0.03
38) Acenaphthene-d10	9.38	164	96046	20.00	ng	-0.03
63) Phenanthrene-d10	10.84	188	181601	20.00	ng	-0.03
75) Chrysene-d12	13.45	240	130158	20.00	ng	-0.05
86) Perylene-d12	14.77	264	96830	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	476077	135.57	ng	-0.01
7) Phenol-d6	6.03	99	702839	151.20	ng	-0.02
23) Nitrobenzene-d5	6.94	82	402918	90.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.17	330	116931	136.73	ng	-0.03
44) 2-Fluorobiphenyl	8.73	172	702922	93.79	ng	-0.03
78) Terphenyl-d14	12.43	244	549617	98.30	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	55698	17.61	ng	# 62
25) Isophorone	6.94	82	299062	36.06	ng	# 58
49) Dimethylphthalate	9.13	163	177607	23.80	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12447	5.77	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9511	5.18	ng	# 1

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

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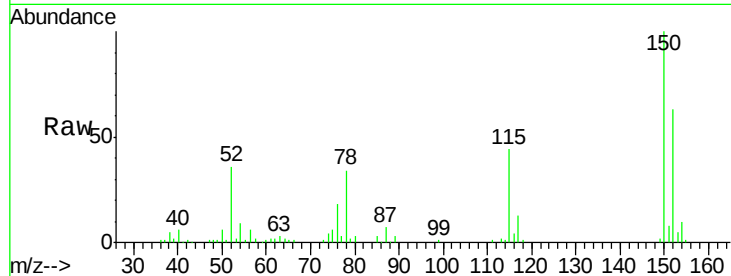


#1

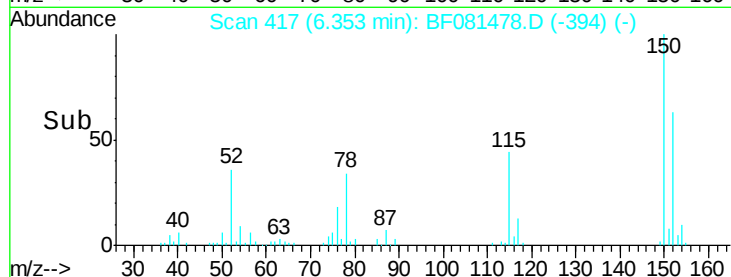
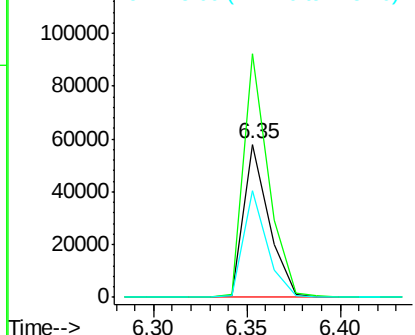
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081478.D
Acq: 5 Sep 2015 22:30

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion:152 Resp: 54484
Ion Ratio Lower Upper
152 100
150 159.2 124.7 187.1
115 70.1 39.0 58.4#



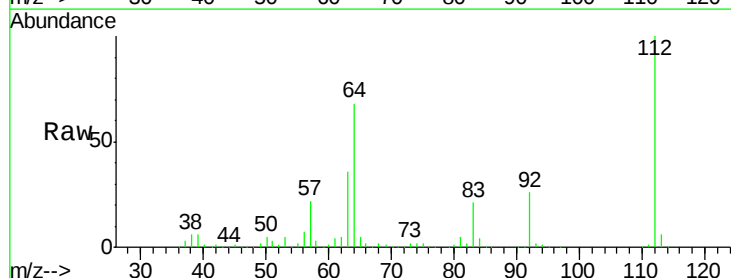
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



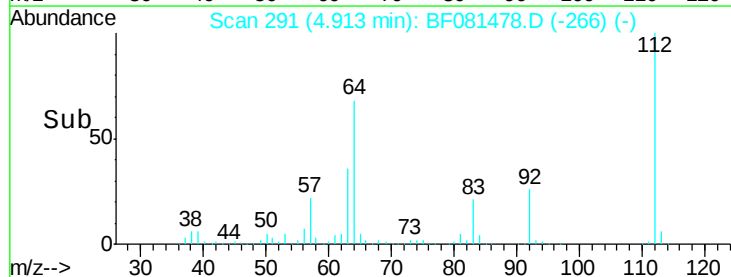
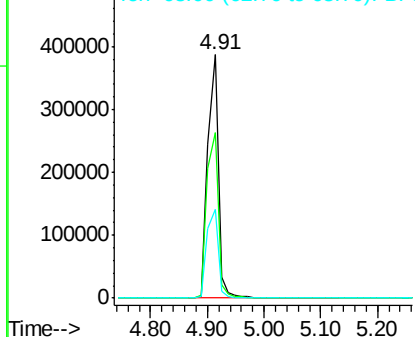
#5

2-Fluorophenol
Concen: 135.57 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081478.D
Acq: 5 Sep 2015 22:30

Tgt Ion:112 Resp: 476077
Ion Ratio Lower Upper
112 100
64 67.8 39.7 59.5#
63 36.2 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: 151.20 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081478.D

Acq: 5 Sep 2015 22:30

Instrument :

BNA_F

ClientSampleId :

SB-3

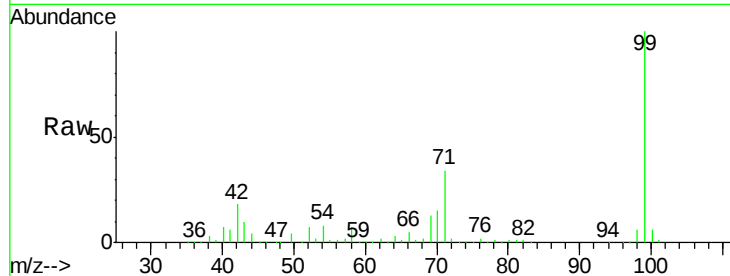
Tot Ion: 99 Resp: 702839

Ion Ratio Lower Upper

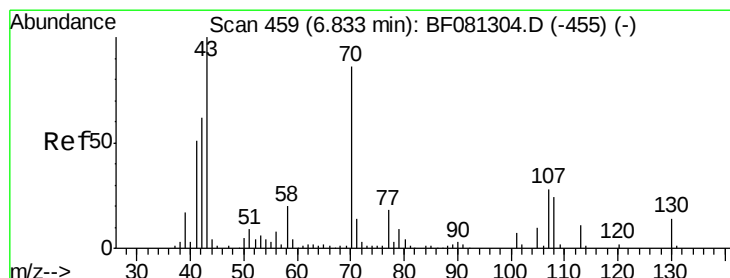
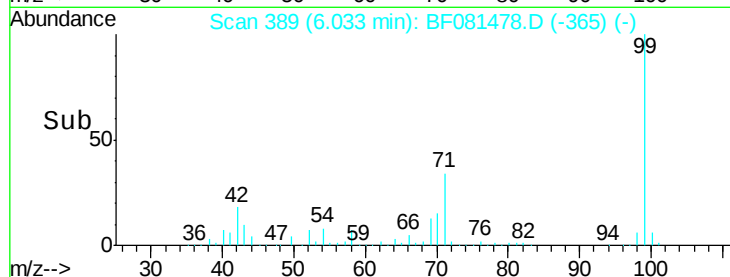
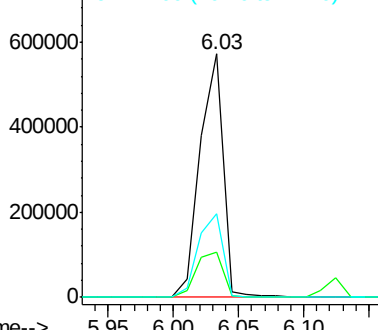
99 100

42 18.5 13.7 20.5

71 34.4 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: 17.61 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF081478.D

Acq: 5 Sep 2015 22:30

Tgt Ion: 70 Resp: 55698

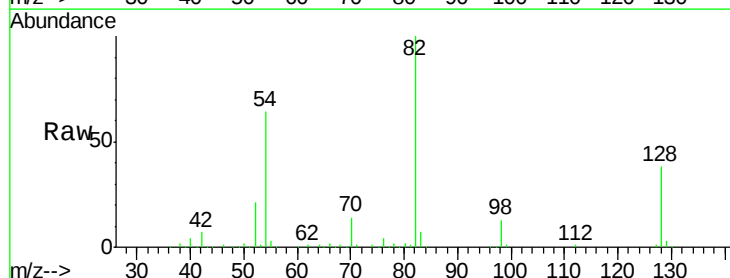
Ion Ratio Lower Upper

70 100

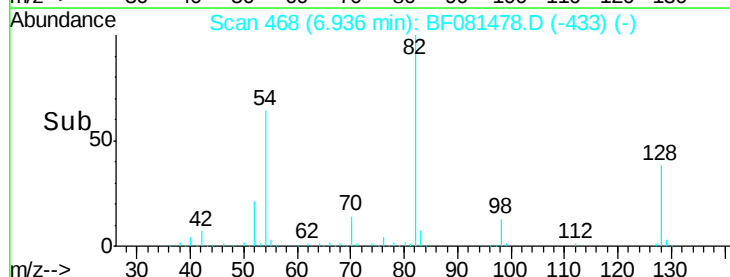
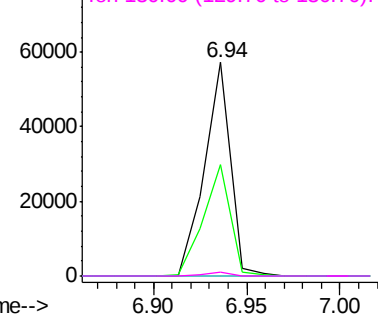
42 51.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 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: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081478.D

Acq: 5 Sep 2015 22:30

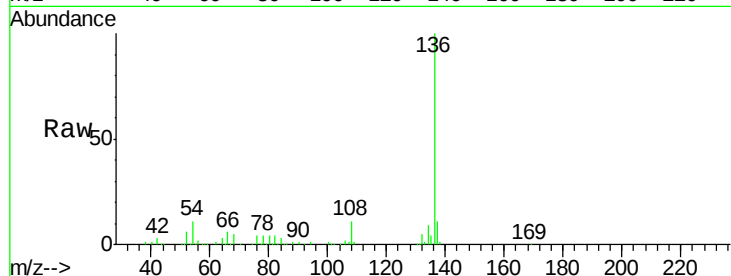
Instrument :

BNA_F

ClientSampleId :

SB-3

Tot Ion:136	Resp:	215131
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	11.4	8.2 12.2
68	5.2	5.8 8.6#

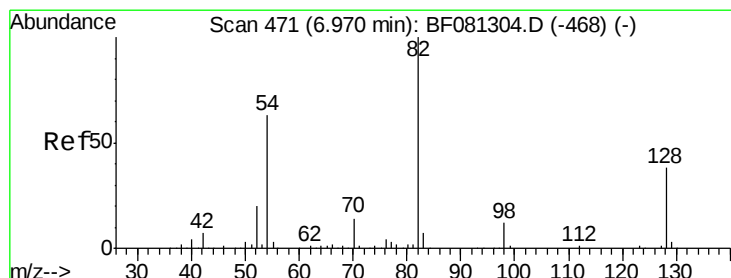
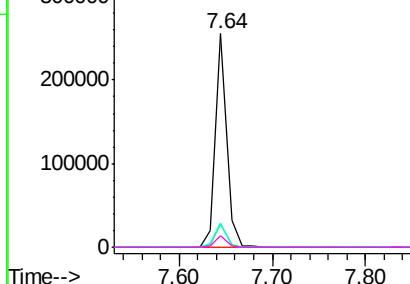
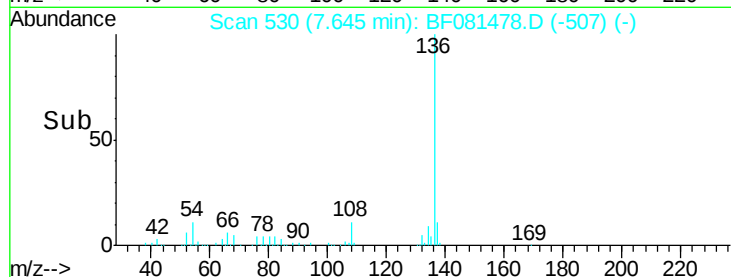


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.36 ng

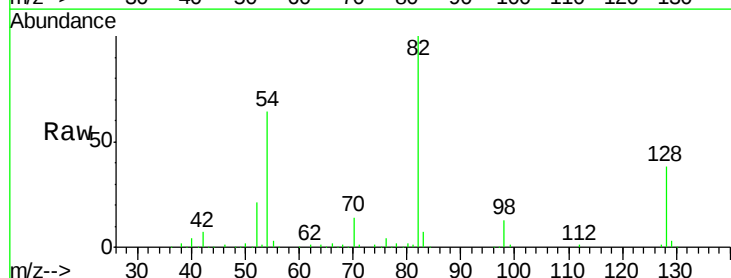
RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF081478.D

Acq: 5 Sep 2015 22:30

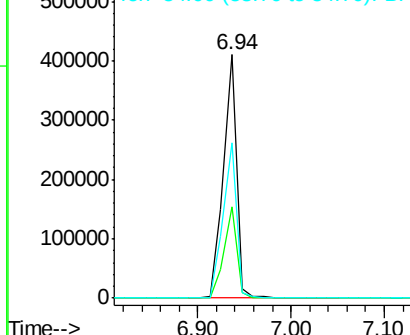
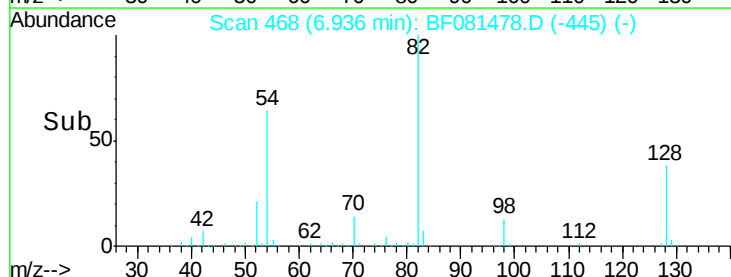
Tgt Ion: 82	Resp:	402918
Ion Ratio	Lower	Upper
82	100	
128	37.7	51.0 76.6#
54	64.0	47.5 71.3

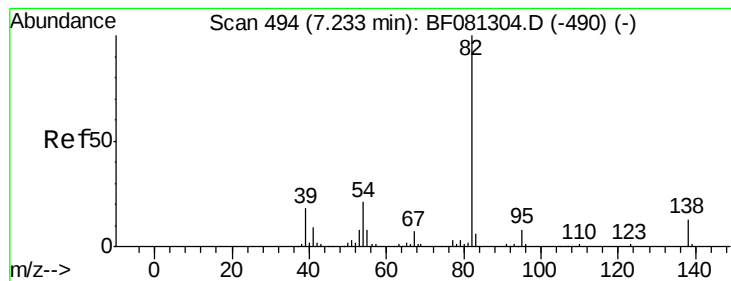


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.06 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.30 min

Lab File: BF081478.D

Acq: 5 Sep 2015 22:30

Instrument :

BNA_F

ClientSampled :

SB-3

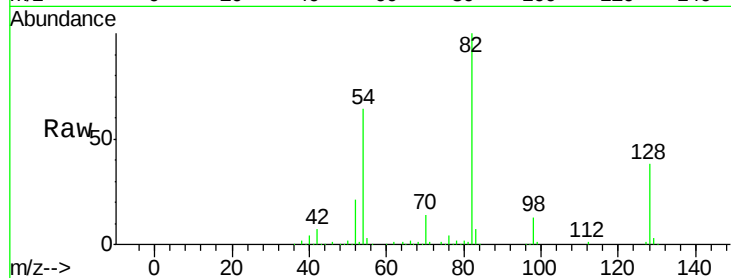
Tot Ion: 82 Resp: 299062

Ion Ratio Lower Upper

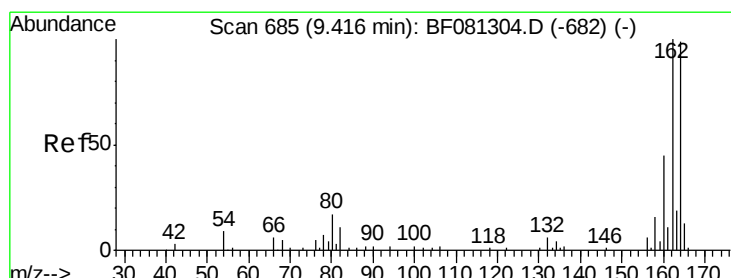
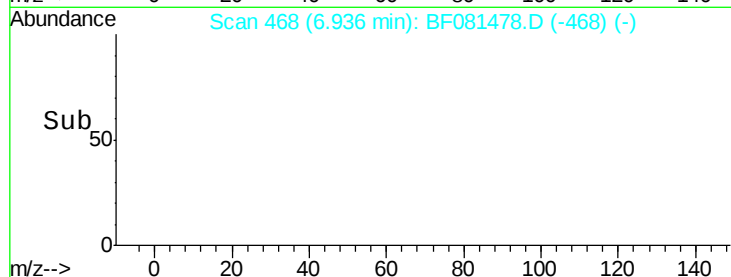
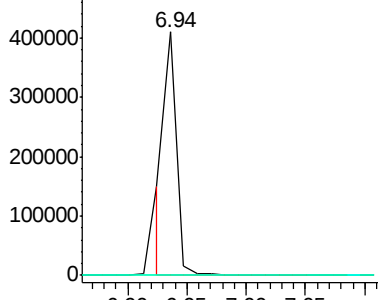
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF081478.D

Acq: 5 Sep 2015 22:30

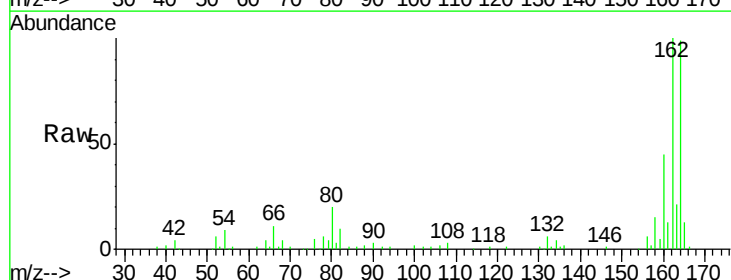
Tgt Ion: 164 Resp: 96046

Ion Ratio Lower Upper

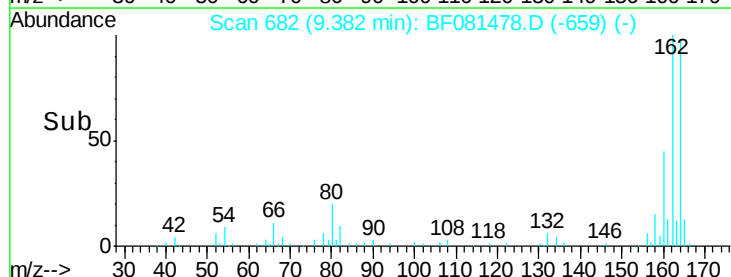
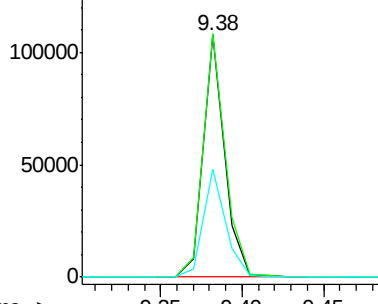
164 100

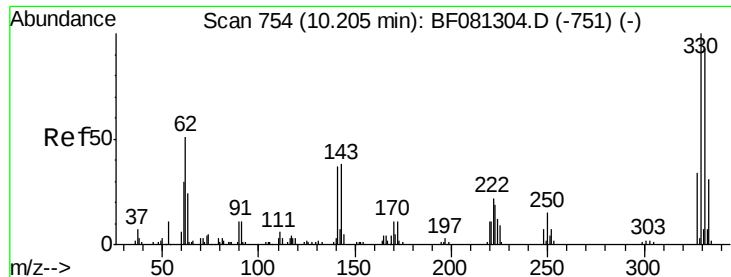
162 100.7 75.2 112.8

160 44.8 31.5 47.3



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

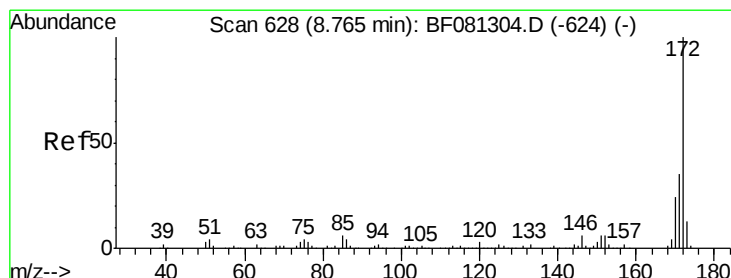
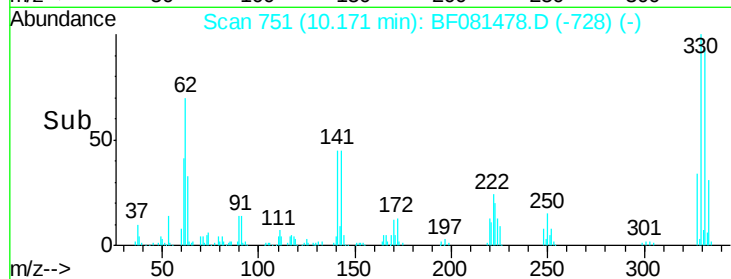
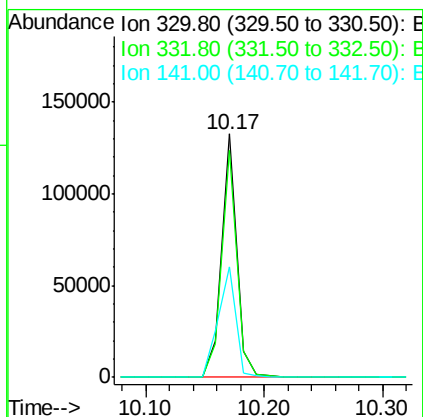
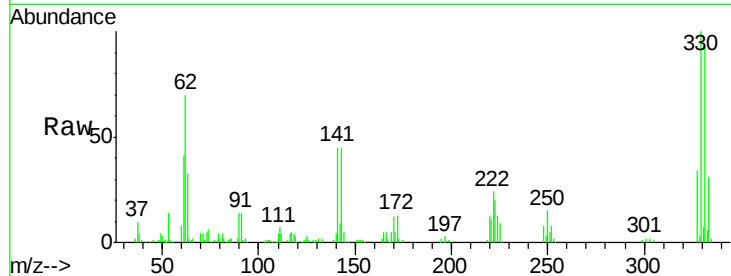




#41
 2,4,6-Tribromophenol
 Concen: 136.73 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF081478.D
 Acq: 5 Sep 2015 22:30

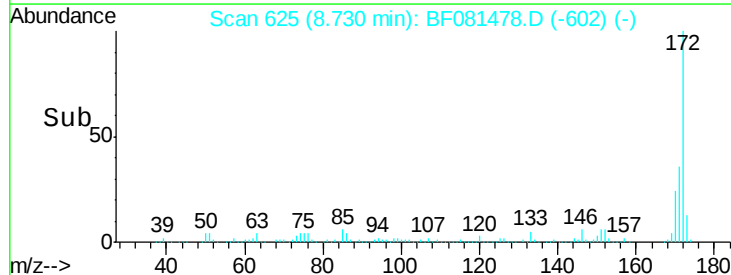
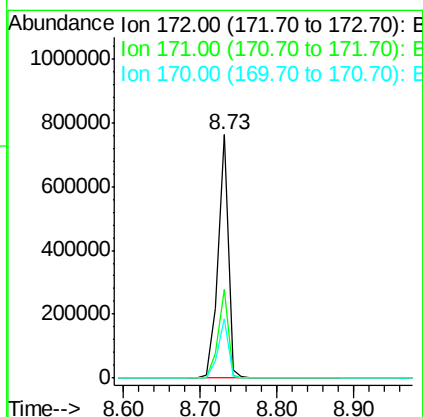
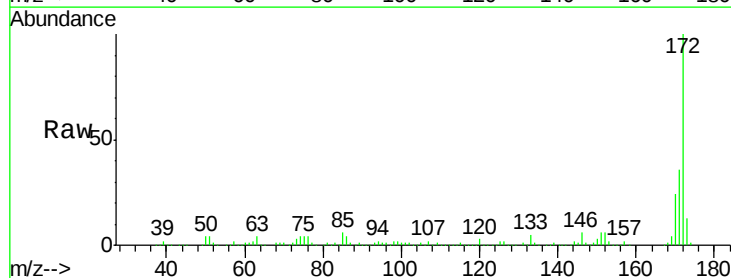
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

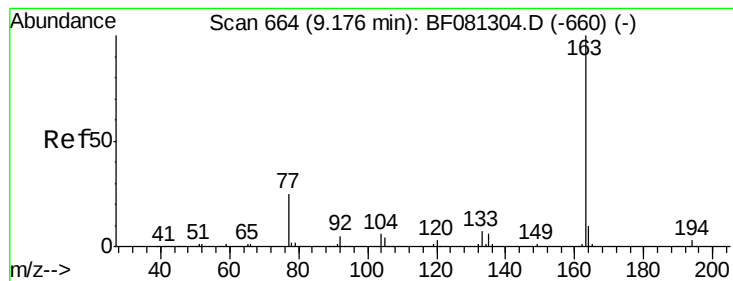
Tot Ion:330 Resp: 116931
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 114.8
 141 52.6 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 93.79 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF081478.D
 Acq: 5 Sep 2015 22:30

Tgt Ion:172 Resp: 702922
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.2 17.4 26.2





#49

Dimethylphthalate

Concen: 23.80 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF081478.D

Acq: 5 Sep 2015 22:30

Instrument :

BNA_F

ClientSampleId :

SB-3

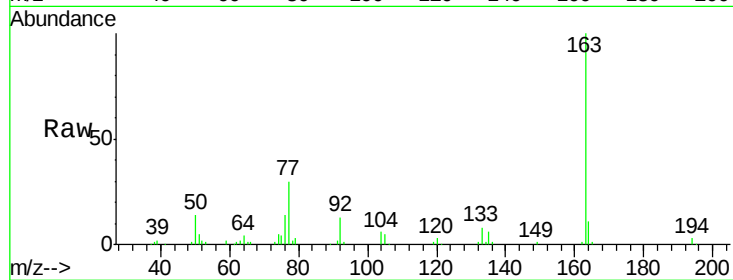
Tot Ion:163 Resp: 177607

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

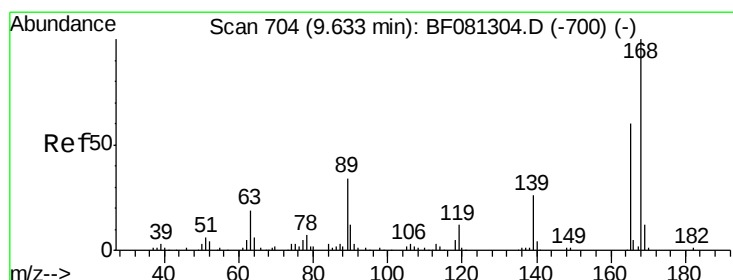
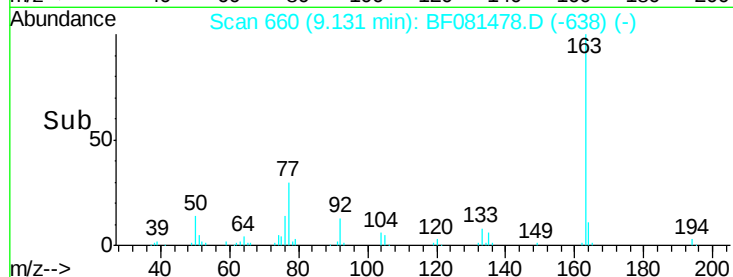
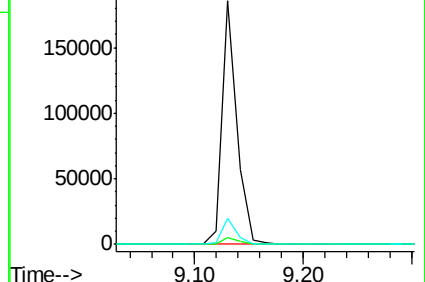
164 10.5 8.3 12.5



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: 5.77 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.25 min

Lab File: BF081478.D

Acq: 5 Sep 2015 22:30

Tgt Ion:165 Resp: 12447

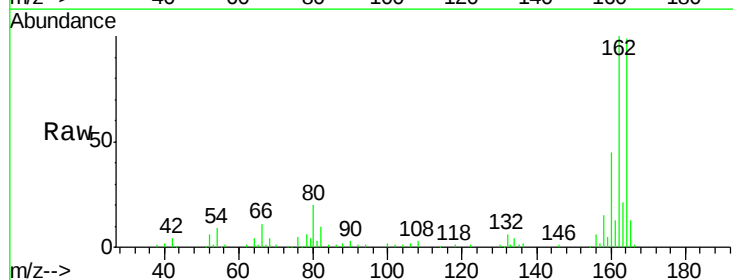
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

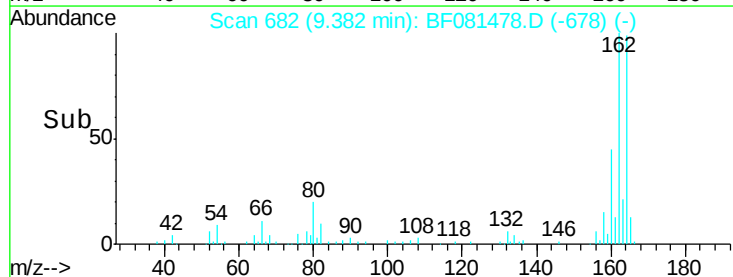
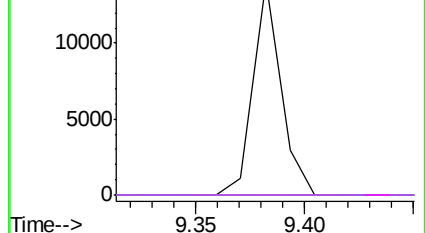


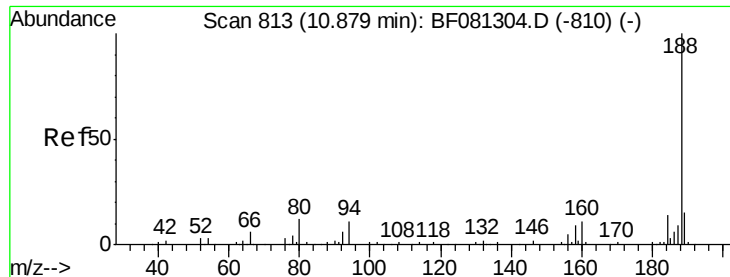
Abundance Ion 165.00 (164.70 to 165.70): E

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

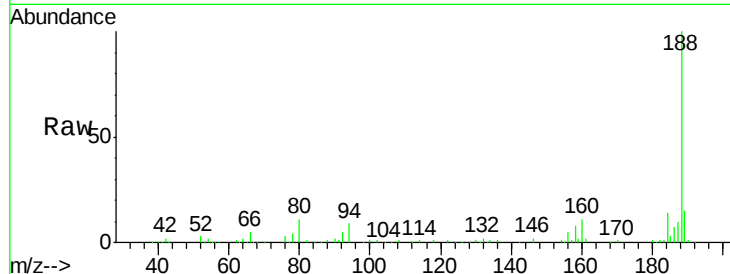




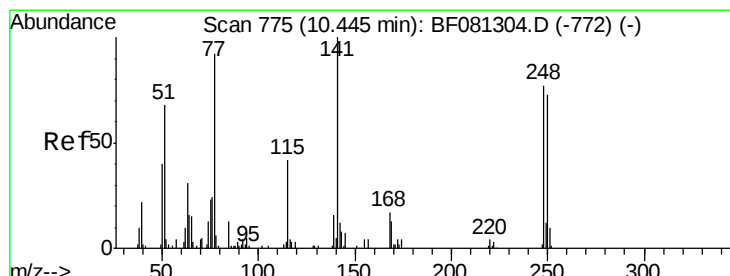
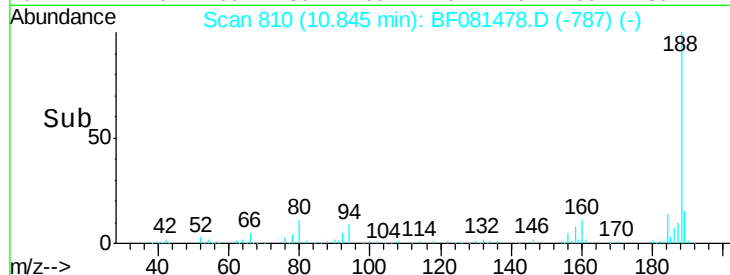
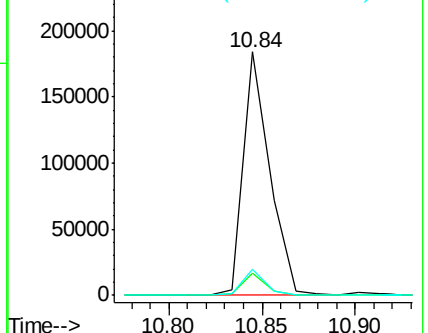
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF081478.D
Acq: 5 Sep 2015 22:30

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion:188 Resp: 181601
Ion Ratio Lower Upper
188 100
94 9.2 11.1 16.7#
80 10.8 11.0 16.4#

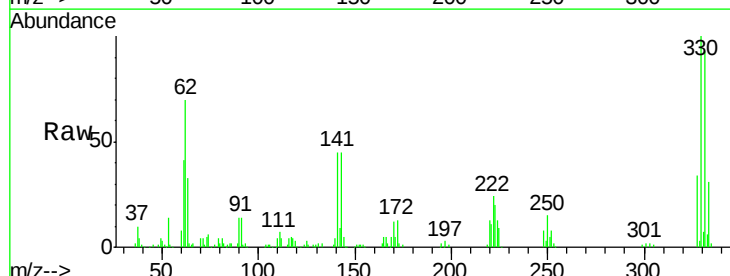


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

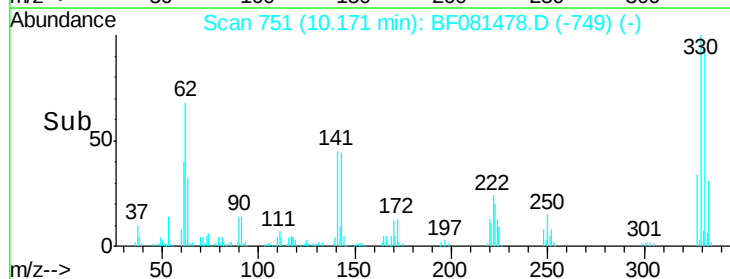
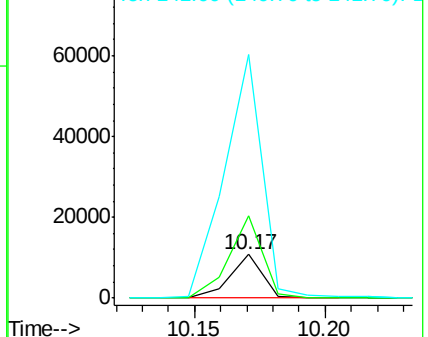


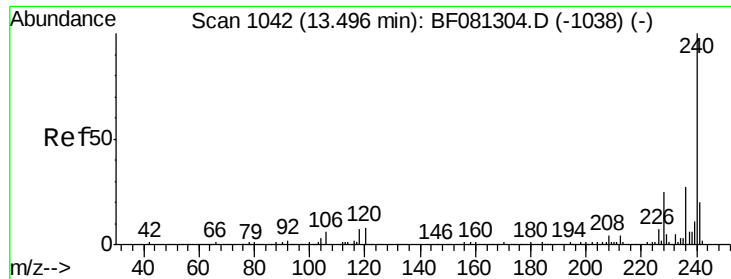
#66
4-Bromophenyl-phenylether
Concen: 5.18 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.27 min
Lab File: BF081478.D
Acq: 5 Sep 2015 22:30

Tgt Ion:248 Resp: 9511
Ion Ratio Lower Upper
248 100
250 187.5 78.5 117.7#
141 555.1 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

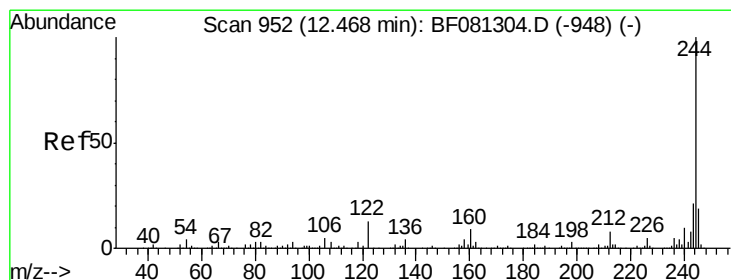
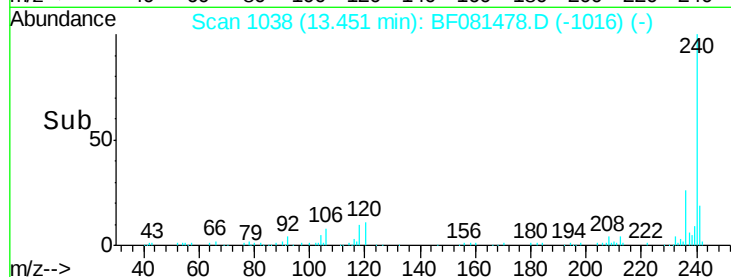
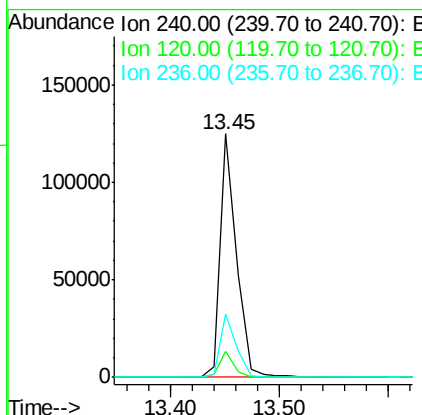
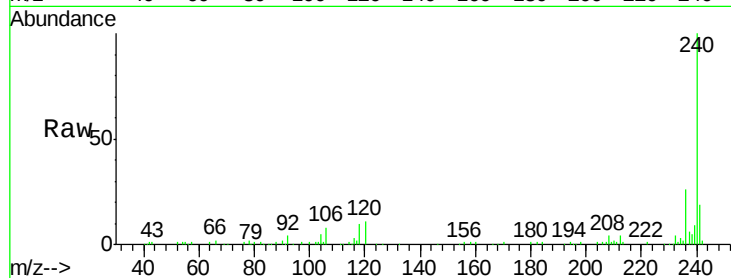




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF081478.D
 Acq: 5 Sep 2015 22:30

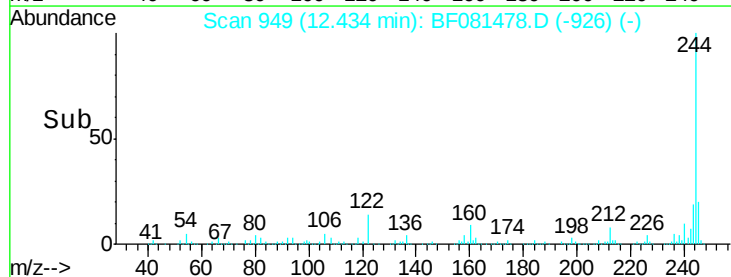
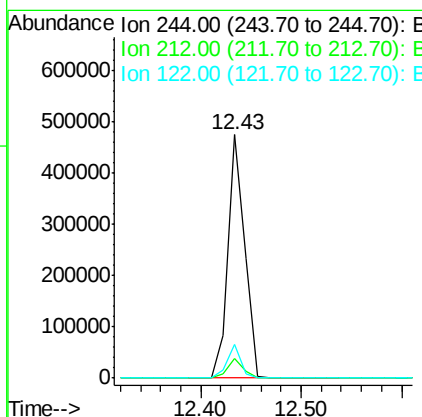
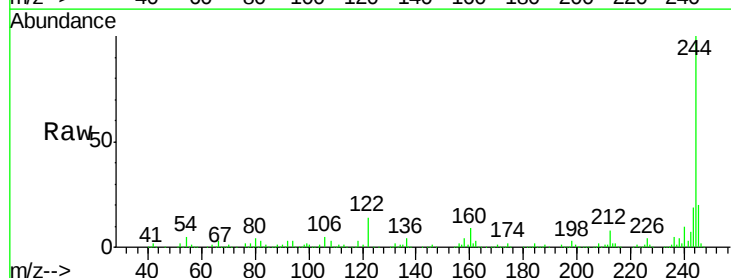
Instrument :
 BNA_F
 ClientSampleId :
 SB-3

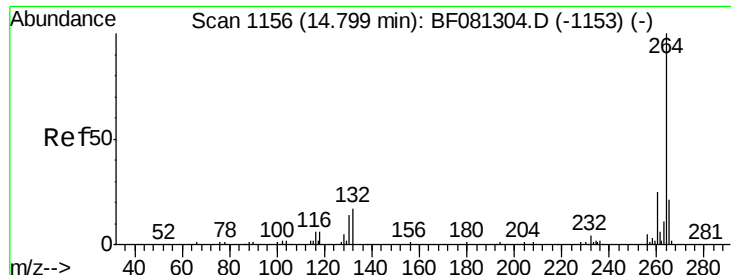
Tot Ion:240 Resp: 130158
 Ion Ratio Lower Upper
 240 100
 120 10.6 16.2 24.2#
 236 25.8 18.4 27.6



#78
 Terphenyl-d14
 Concen: 98.30 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081478.D
 Acq: 5 Sep 2015 22:30

Tgt Ion:244 Resp: 549617
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 13.6 17.4 26.2#

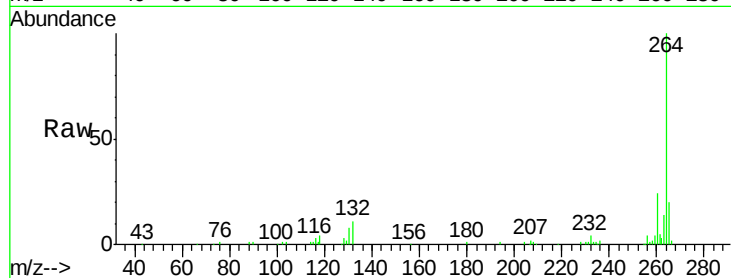




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081478.D
Acq: 5 Sep 2015 22:30

Instrument :
BNA_F
ClientSampleId :
SB-3

Tot Ion:264 Resp: 96830
Ion Ratio Lower Upper
264 100
260 24.2 16.7 25.1
265 19.9 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

