

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083481.D
 Acq On : 4 Dec 2015 1:55
 Operator : UM/IZ
 Sample : G4617-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Quant Time: Dec 04 03:42:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

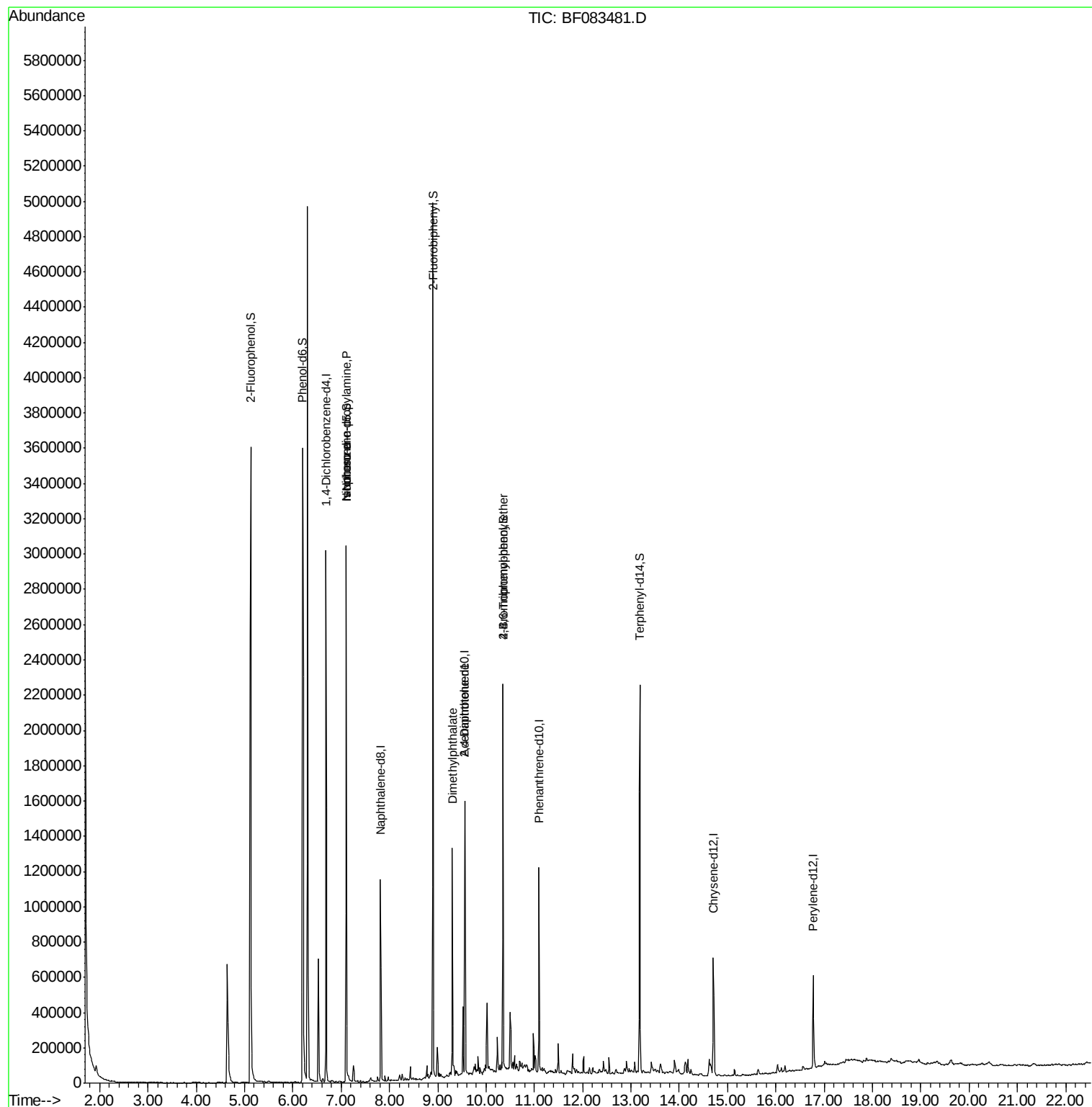
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	532025	20.00	ng	0.14
21) Naphthalene-d8	7.81	136	591954	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	283819	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	448526	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	345947	20.00	ng	-0.06
86) Perylene-d12	16.77	264	283692	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1335437	37.67	ng	0.00
7) Phenol-d6	6.20	99	1673182	34.48	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1072220	79.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	242175	85.00	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1430163	71.81	ng	-0.02
78) Terphenyl-d14	13.19	244	1004010	69.21	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.30	77	31501	Below Cal		Qvalue 82
19) n-Nitroso-di-n-propylamine	7.10	70	149252	4.30 ng	#	82
25) Isophorone	7.10	82	828012	31.74 ng	#	70
49) Dimethylphthalate	9.30	163	464957	20.16 ng		98
56) 2,4-Dinitrotoluene	9.56	165	38657	6.18 ng	#	6
66) 4-Bromophenyl-phenylether	10.35	248	16936	3.45 ng	#	1

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

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 437

Delta R.T. 0.14 min

Lab File: BF083481.D

Acq: 4 Dec 2015 1:55

Instrument :

BNA_F

ClientSampleId :

SB-02

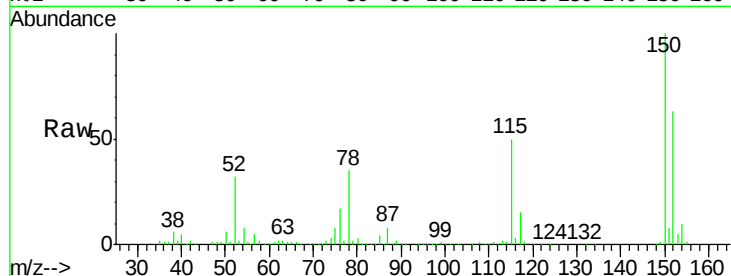
Tgt Ion:152 Resp: 532025

Ion Ratio Lower Upper

152 100

150 158.1 129.8 194.8

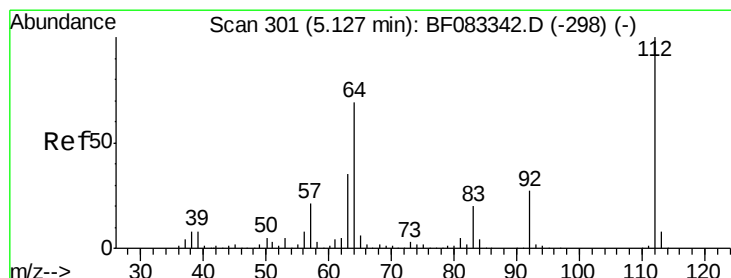
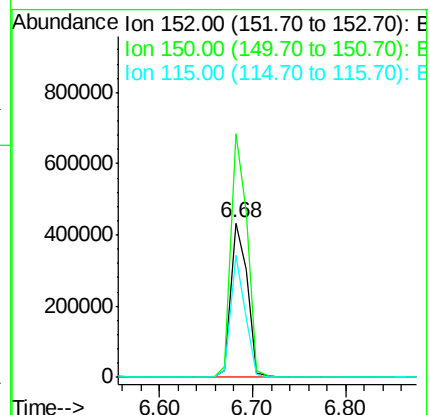
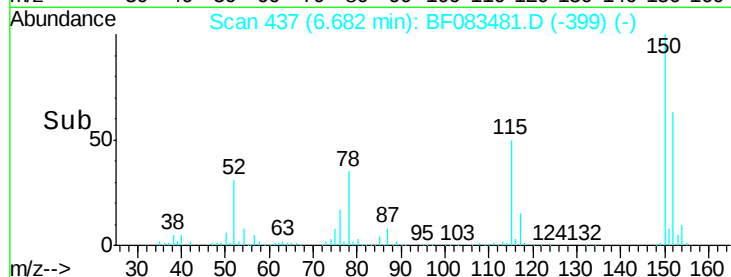
115 79.0 59.2 88.8



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: 37.67 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083481.D

Acq: 4 Dec 2015 1:55

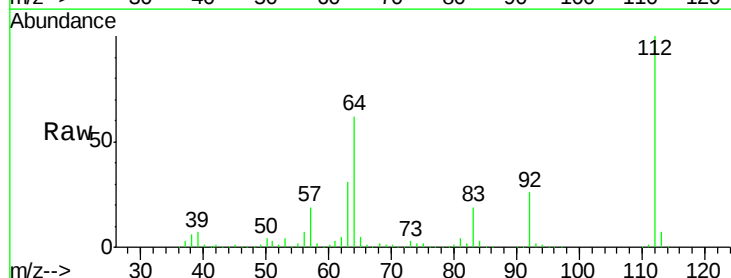
Tgt Ion:112 Resp: 1335437

Ion Ratio Lower Upper

112 100

64 62.4 55.6 83.4

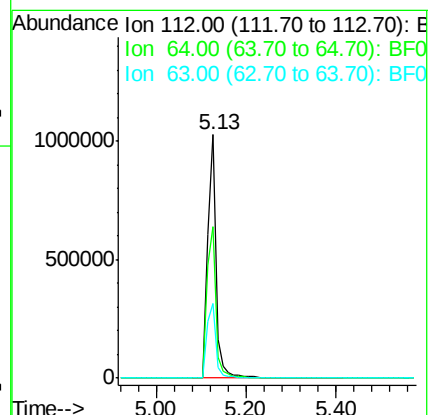
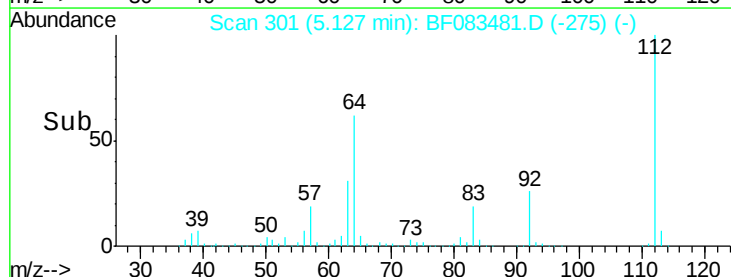
63 30.9 28.2 42.2



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: 34.48 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083481.D

Acq: 4 Dec 2015 1:55

Instrument :

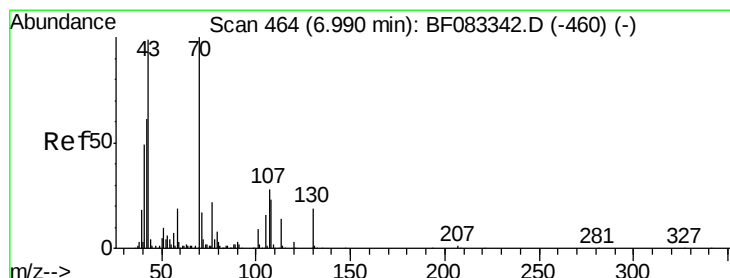
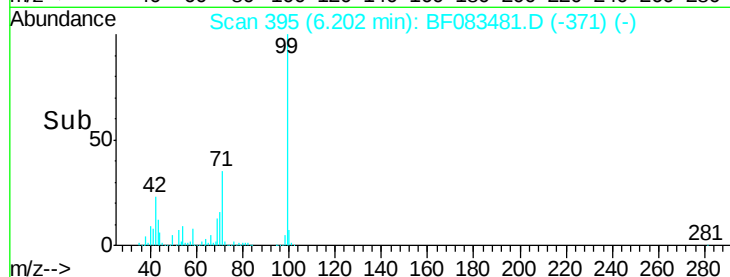
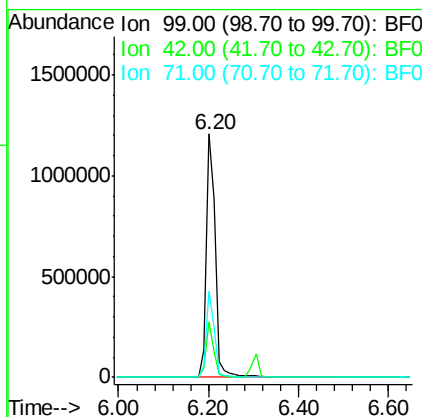
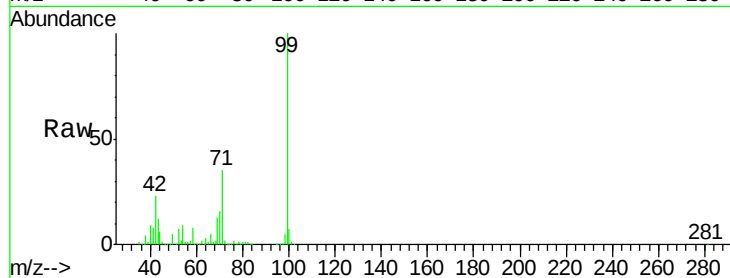
BNA_F

ClientSampleId :

SB-02

Tgt Ion: 99 Resp: 1673182

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.9	22.3#
71	35.2	24.7	37.1



#19

n-Nitroso-di-n-propylamine

Concen: 4.30 ng

RT: 7.10 min Scan# 474

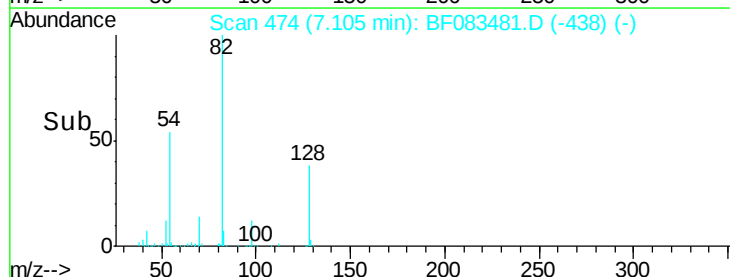
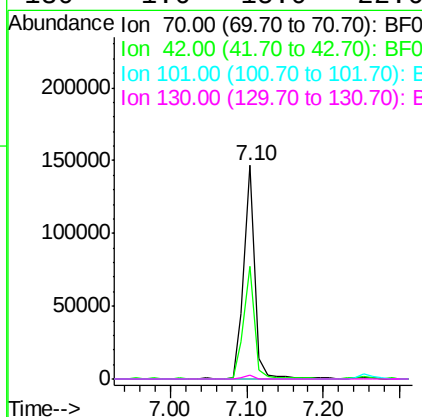
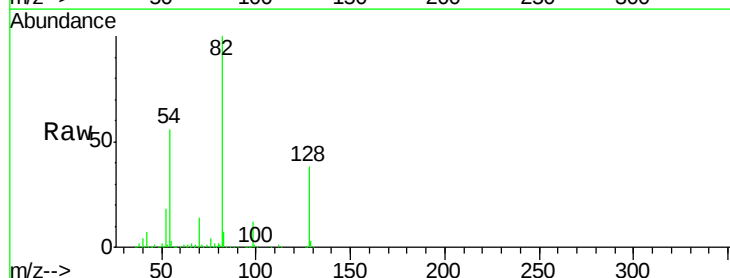
Delta R.T. 0.11 min

Lab File: BF083481.D

Acq: 4 Dec 2015 1:55

Tgt Ion: 70 Resp: 149252

Ion	Ratio	Lower	Upper
70	100		
42	53.0	48.8	73.2
101	0.0	7.1	10.7#
130	1.6	15.0	22.6#

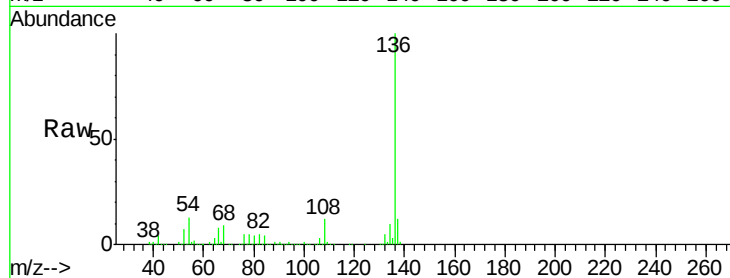




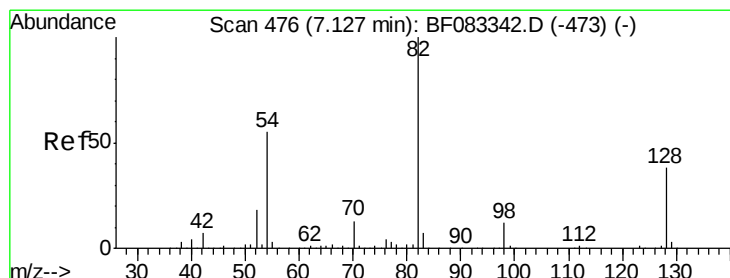
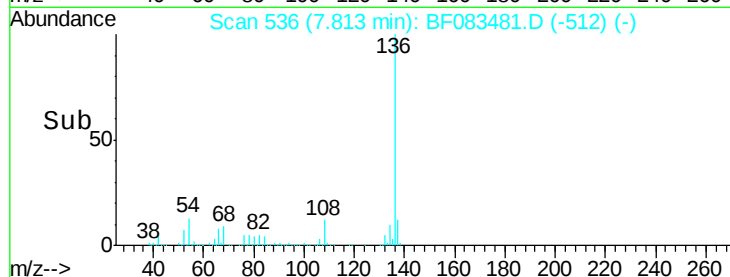
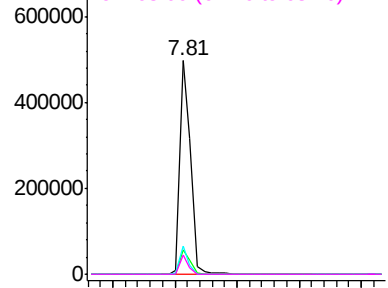
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083481.D
Acq: 4 Dec 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion:	136	Resp:	591954
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	13.4	10.1	15.1
68	8.9	7.1	10.7

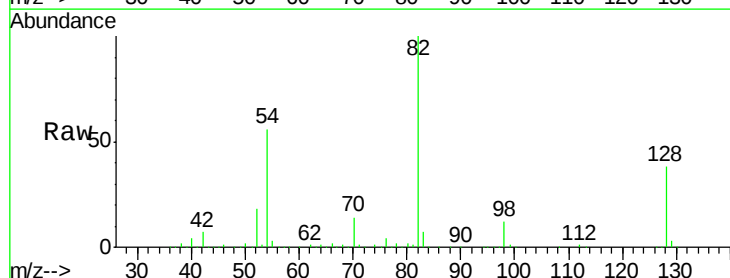


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

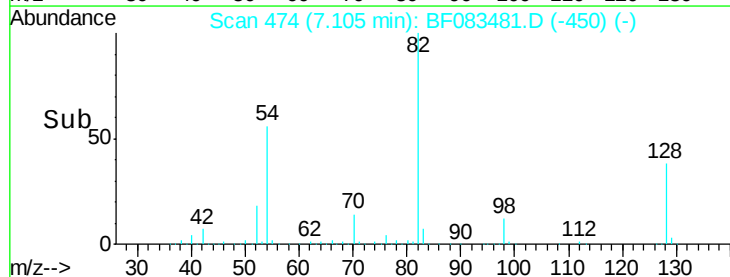
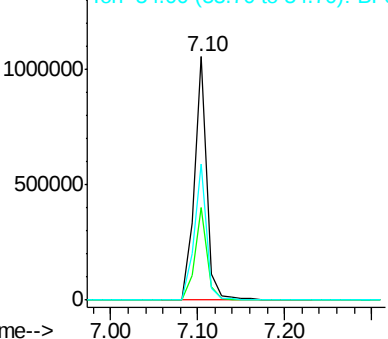


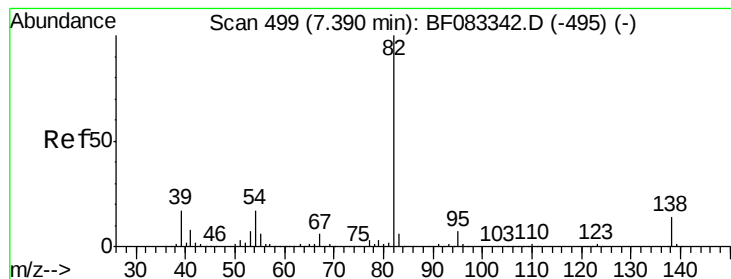
#23
Nitrobenzene-d5
Concen: 79.62 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083481.D
Acq: 4 Dec 2015 1:55

Tgt Ion:	82	Resp:	1072220
Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.6	46.0
54	55.7	43.8	65.6



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: 31.74 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF083481.D

Acq: 4 Dec 2015 1:55

Instrument :

BNA_F

ClientSampled :

SB-02

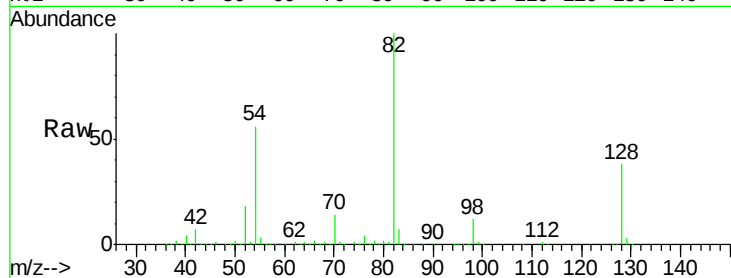
Tgt Ion: 82 Resp: 828012

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

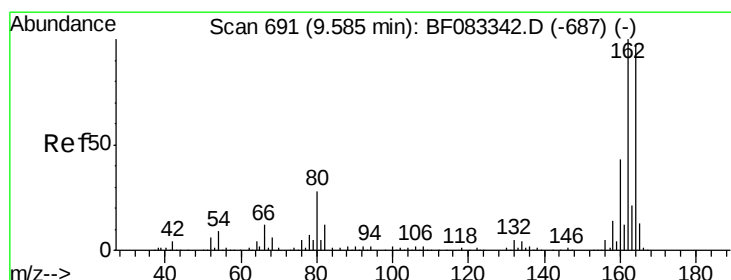
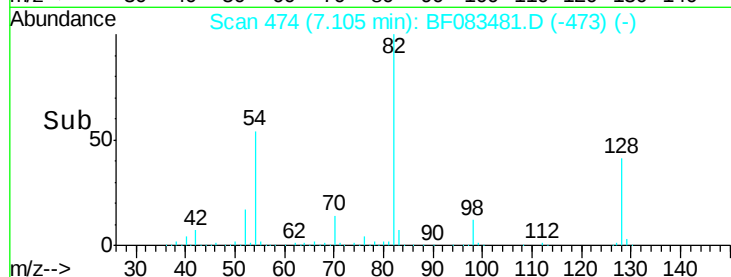
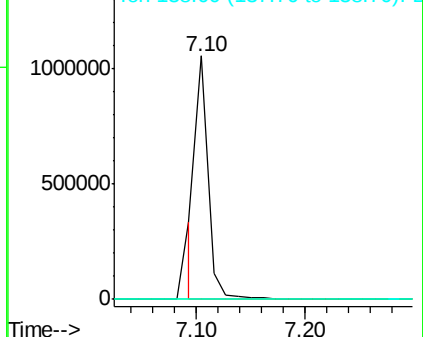
138 0.0 11.6 17.4#



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: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083481.D

Acq: 4 Dec 2015 1:55

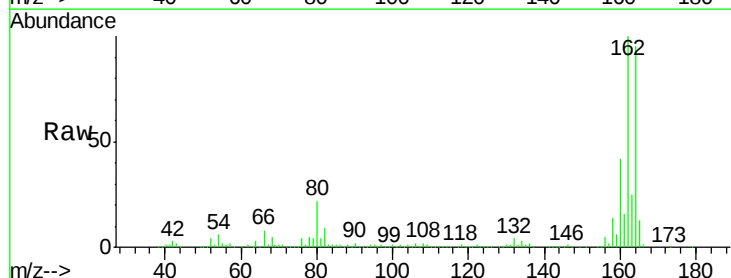
Tgt Ion: 164 Resp: 283819

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

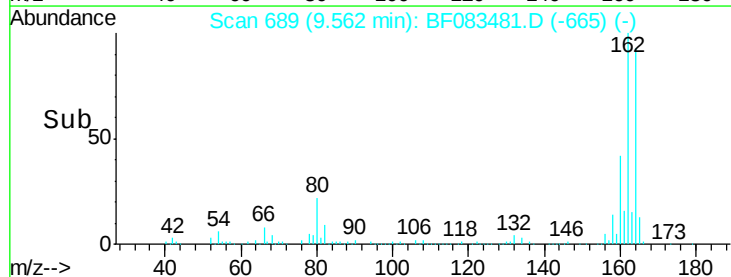
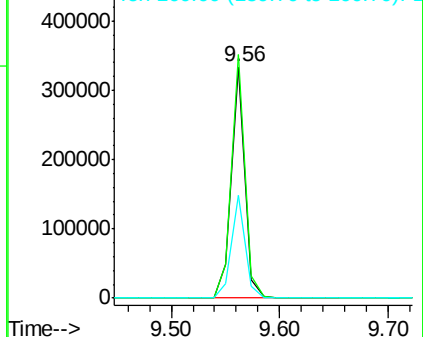
160 44.4 35.3 52.9

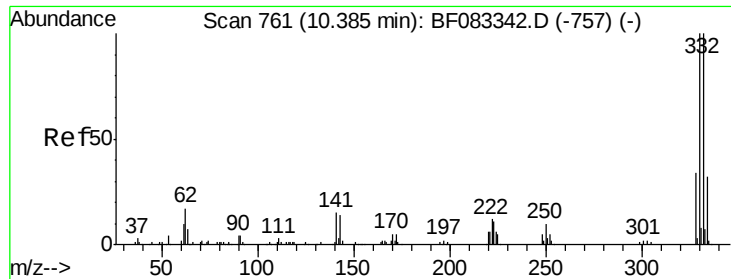


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

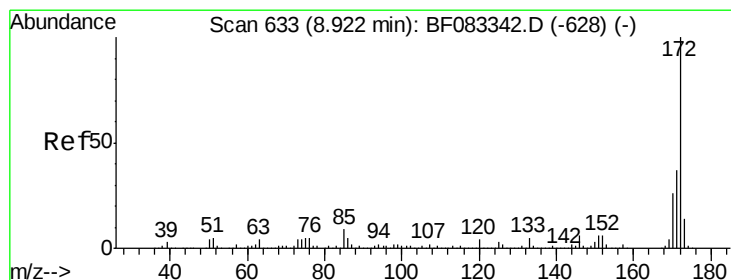
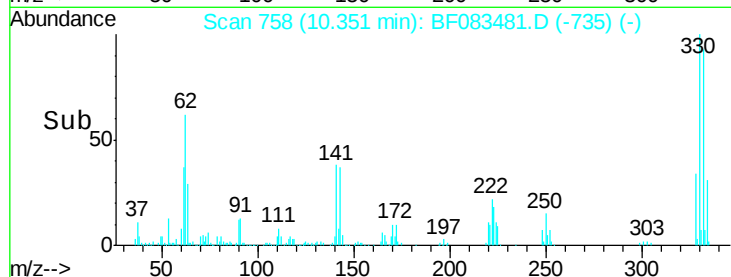
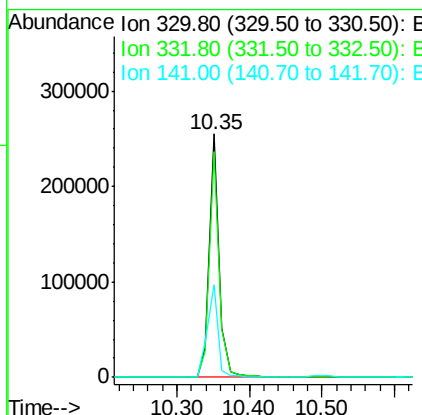
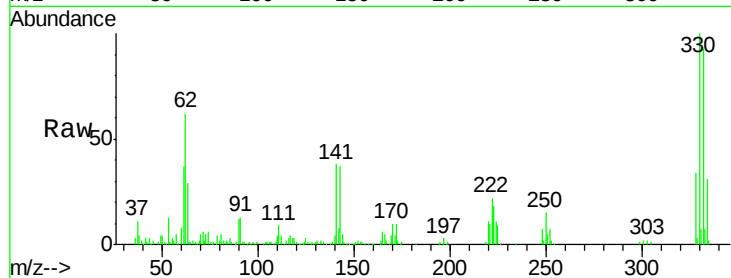




#41
 2,4,6-Tribromophenol
 Concen: 85.00 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083481.D
 Acq: 4 Dec 2015 1:55

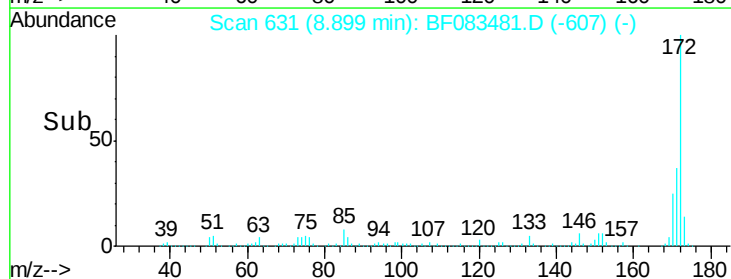
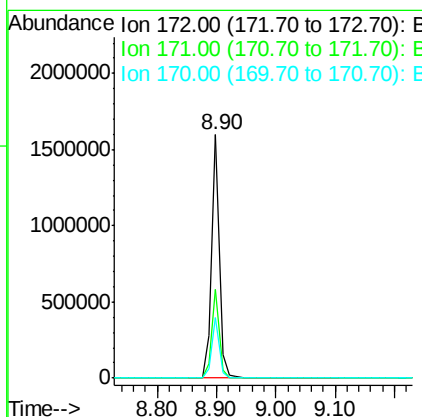
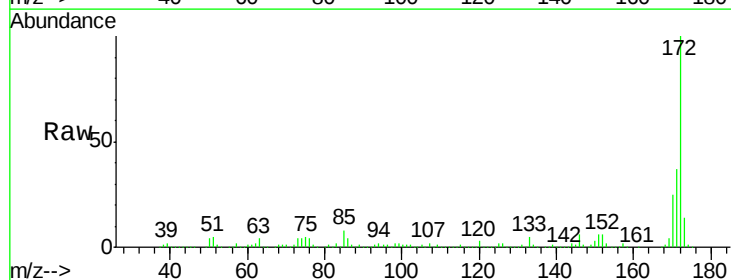
Instrument :
 BNA_F
 ClientSampleId :
 SB-02

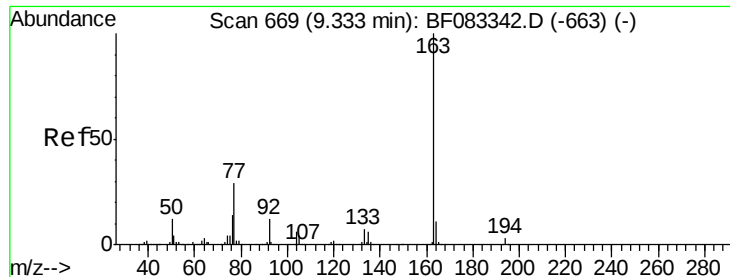
Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.8	116.6
141	41.7	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 71.81 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083481.D
 Acq: 4 Dec 2015 1:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.8	20.4	30.6





#49

Dimethylphthalate

Concen: 20.16 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083481.D

Acq: 4 Dec 2015 1:55

Instrument :

BNA_F

ClientSampleId :

SB-02

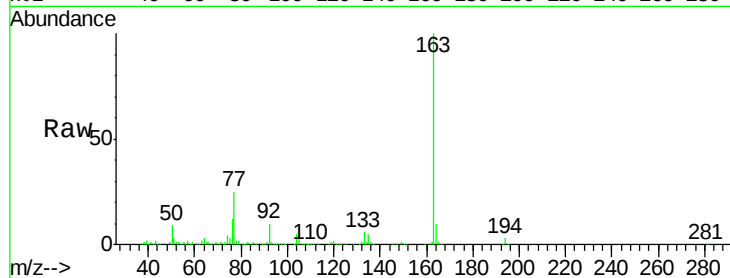
Tgt Ion:163 Resp: 464957

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

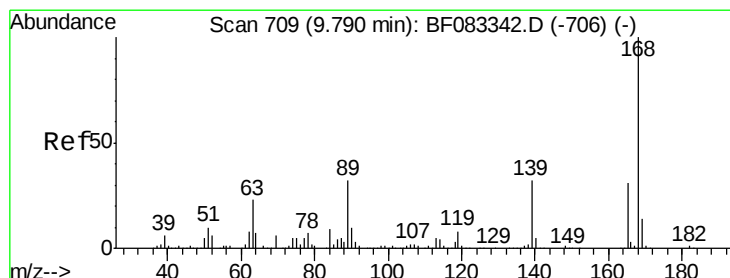
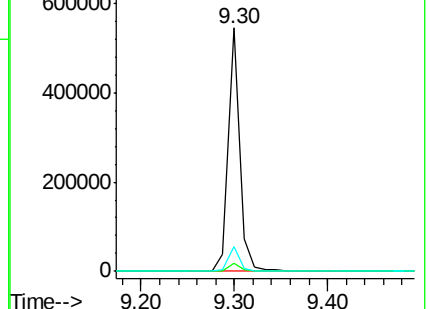
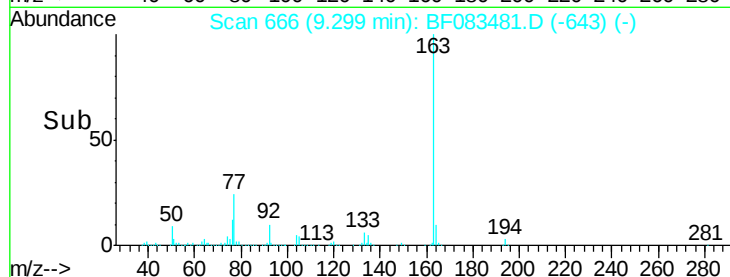
164 10.1 8.8 13.2



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: 6.18 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.23 min

Lab File: BF083481.D

Acq: 4 Dec 2015 1:55

Tgt Ion:165 Resp: 38657

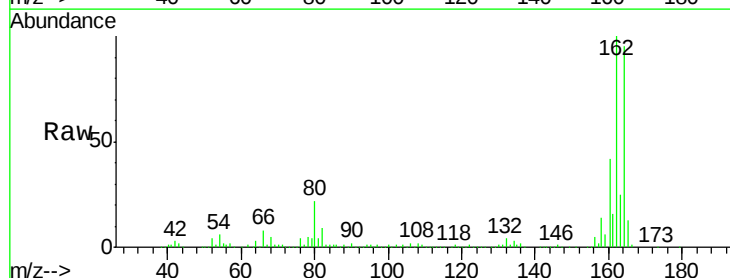
Ion Ratio Lower Upper

165 100

63 1.8 65.4 98.0#

89 1.2 81.2 121.8#

182 0.0 1.8 2.8#

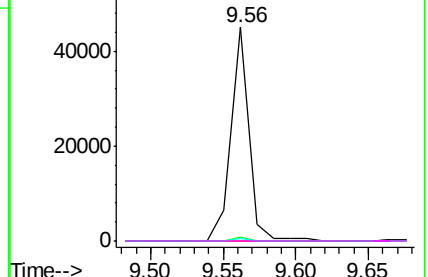
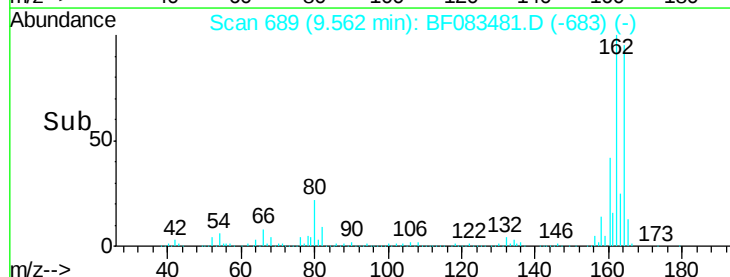


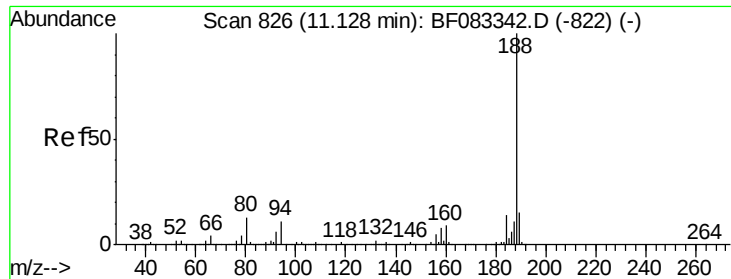
Abundance Ion 165.00 (164.70 to 165.70): E

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

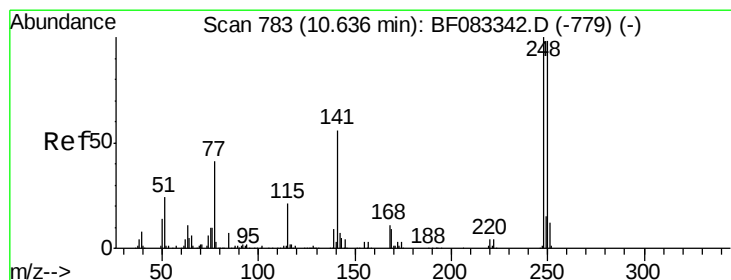
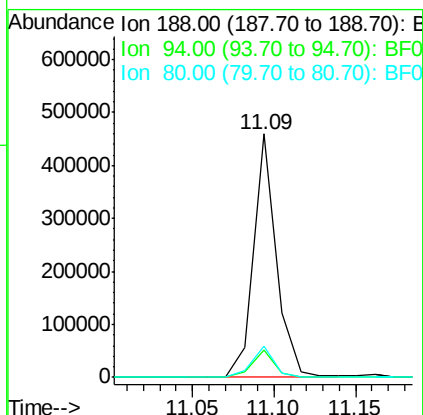
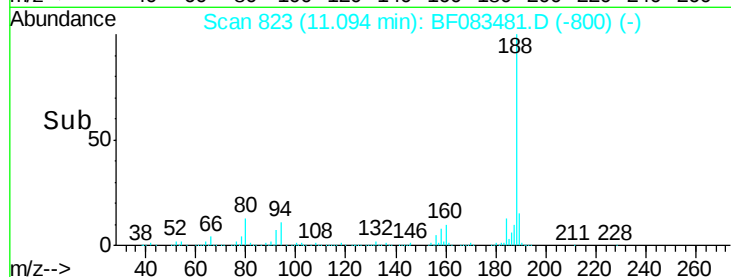
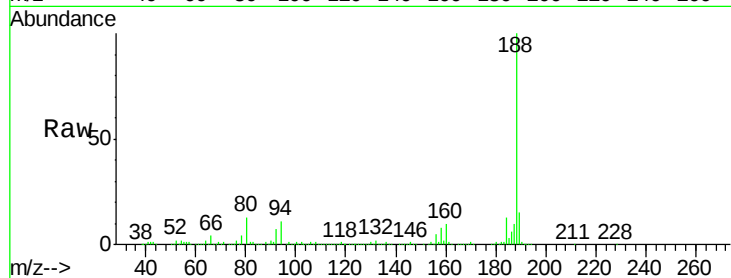




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083481.D
Acq: 4 Dec 2015 1:55

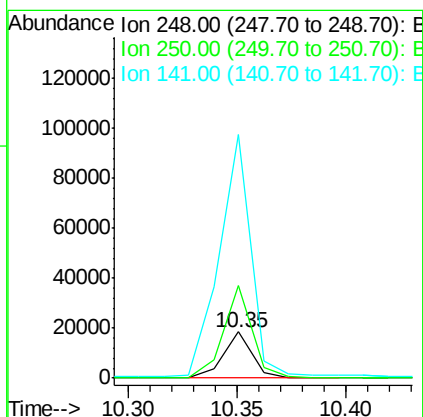
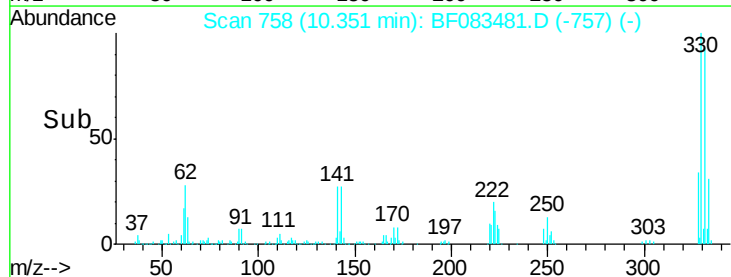
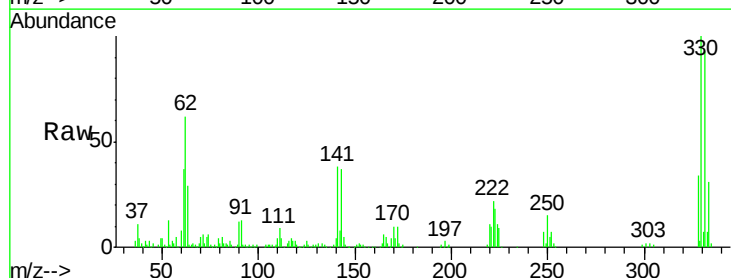
Instrument :
BNA_F
ClientSampleId :
SB-02

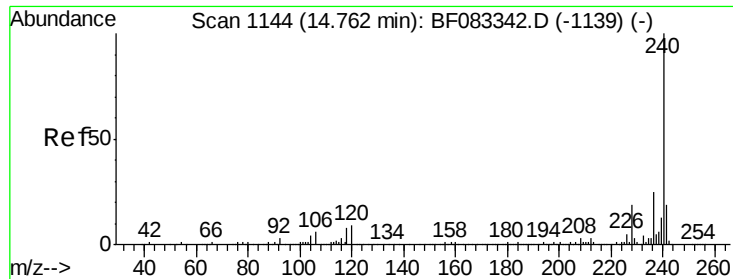
Tgt Ion:188 Resp: 448526
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 13.0 10.3 15.5



#66
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083481.D
Acq: 4 Dec 2015 1:55

Tgt Ion:248 Resp: 16936
Ion Ratio Lower Upper
248 100
250 203.0 78.6 118.0#
141 530.5 44.4 66.6#

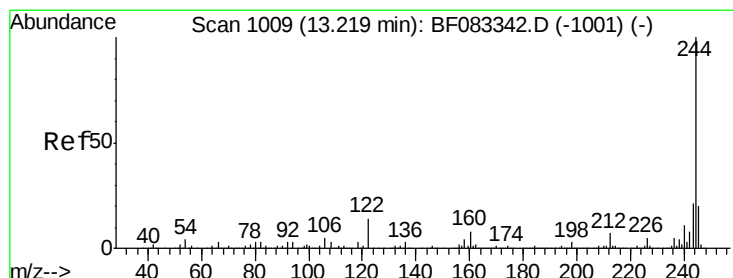
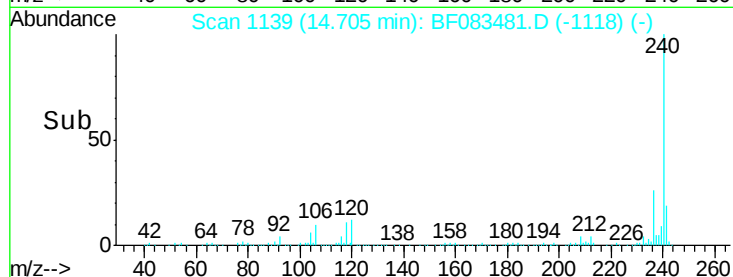
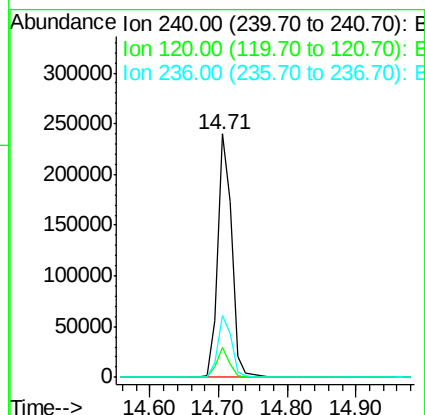
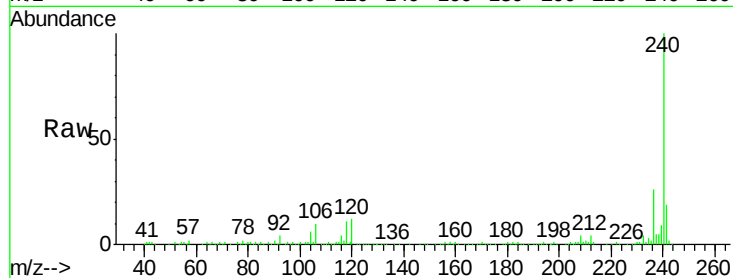




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF083481.D
 Acq: 4 Dec 2015 1:55

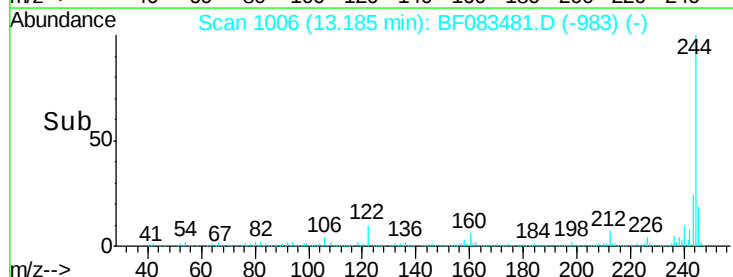
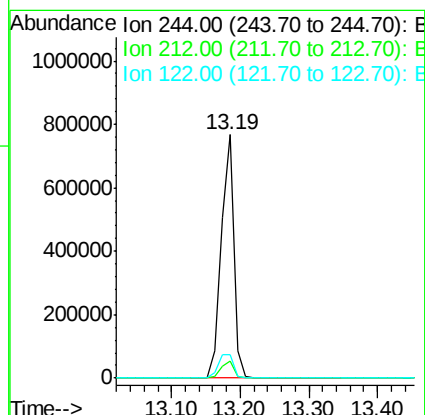
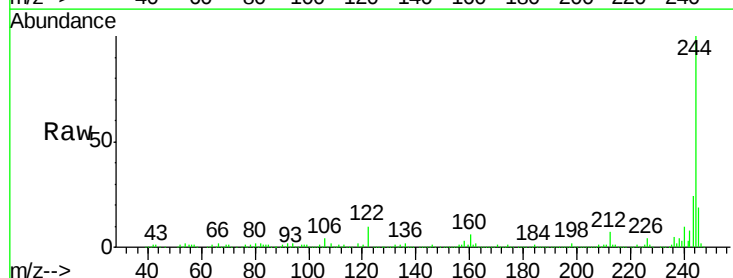
Instrument :
 BNA_F
 ClientSampleId :
 SB-02

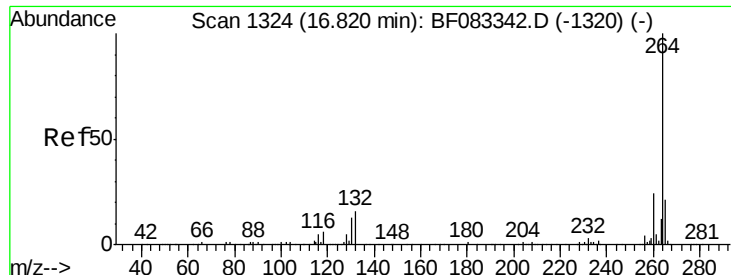
Tgt Ion:240 Resp: 345947
 Ion Ratio Lower Upper
 240 100
 120 12.2 6.9 10.3#
 236 25.6 19.8 29.6



#78
 Terphenyl-d14
 Concen: 69.21 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083481.D
 Acq: 4 Dec 2015 1:55

Tgt Ion:244 Resp: 1004010
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 9.7 11.0 16.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083481.D
Acq: 4 Dec 2015 1:55

Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion: 264 Resp: 283692
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.4
265 21.6 16.8 25.2

