

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083478.D
 Acq On : 4 Dec 2015 00:23
 Operator : UM/IZ
 Sample : G4617-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Quant Time: Dec 04 02:20:35 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

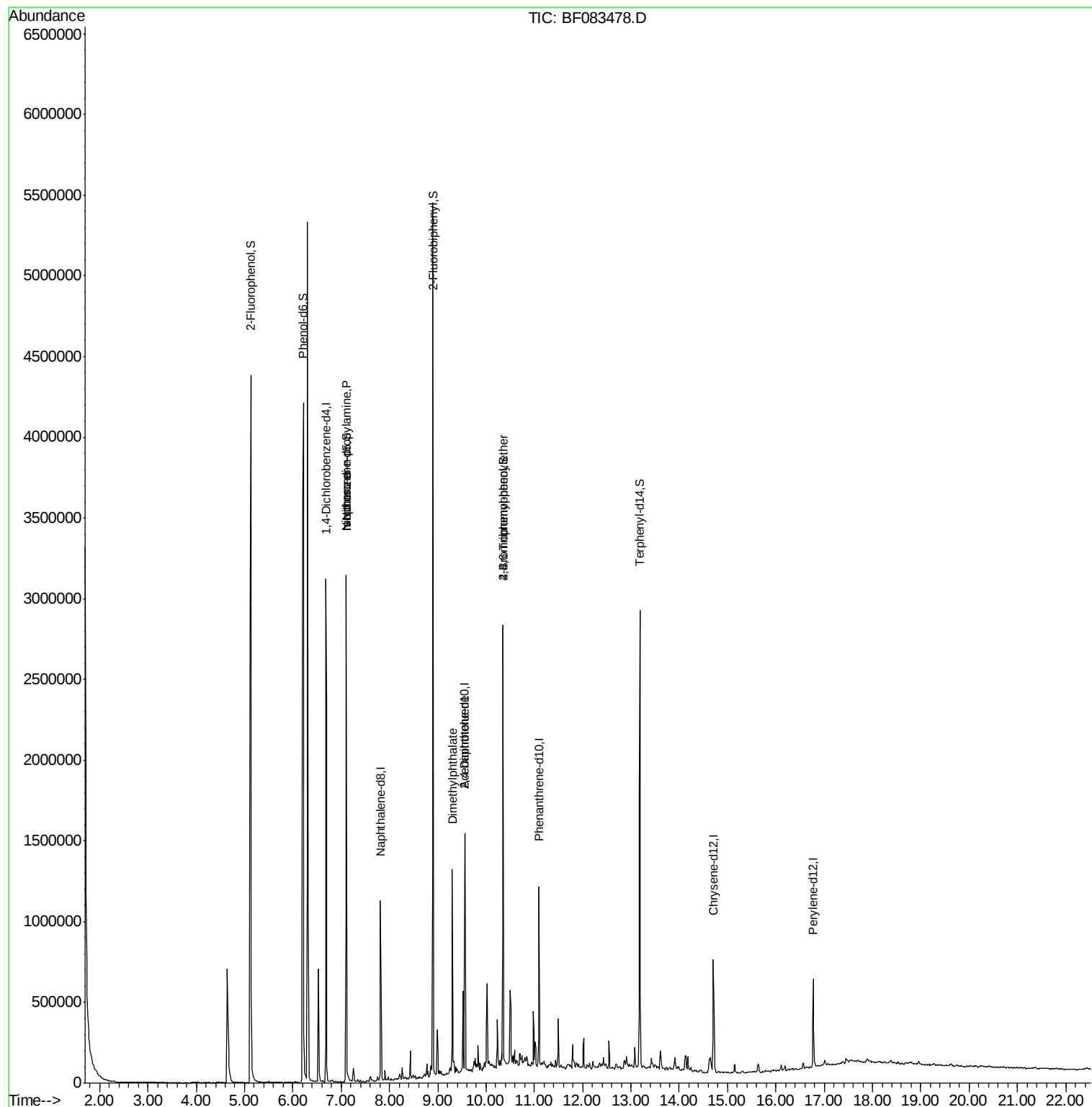
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	657937	20.00	ng	0.14
21) Naphthalene-d8	7.81	136	574670	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	281728	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	435620	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	355873	20.00	ng	-0.06
86) Perylene-d12	16.77	264	290637	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1559242	35.56	ng	0.00
7) Phenol-d6	6.21	99	2123411	35.38	ng	-0.01
23) Nitrobenzene-d5	7.10	82	1188800	90.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	290974	102.89	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1612086	81.54	ng	-0.02
78) Terphenyl-d14	13.19	244	1212731	81.27	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.21	77	3366	Below Cal	#	13
19) n-Nitroso-di-n-propylamine	7.10	70	165437	3.86	ng	# 81
25) Isophorone	7.10	82	929748	36.72	ng	# 70
49) Dimethylphthalate	9.30	163	457223	19.97	ng	98
56) 2,4-Dinitrotoluene	9.56	165	38140	6.15	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	22030	4.62	ng	# 1

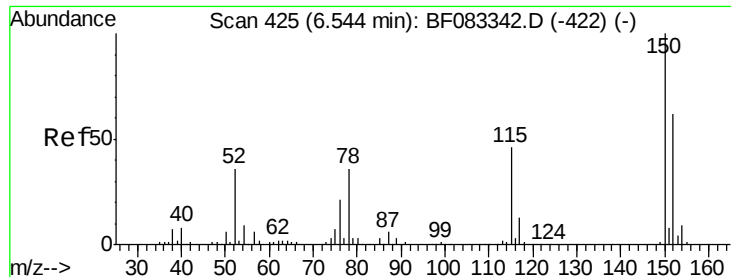
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 437

Delta R.T. 0.14 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

Instrument :

BNA_F

ClientSampleId :

SB-04

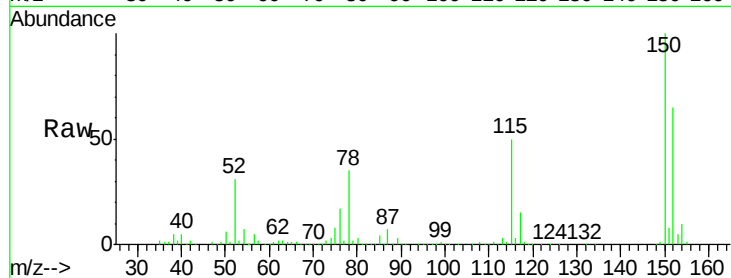
Tgt Ion:152 Resp: 657937

Ion Ratio Lower Upper

152 100

150 153.8 129.8 194.8

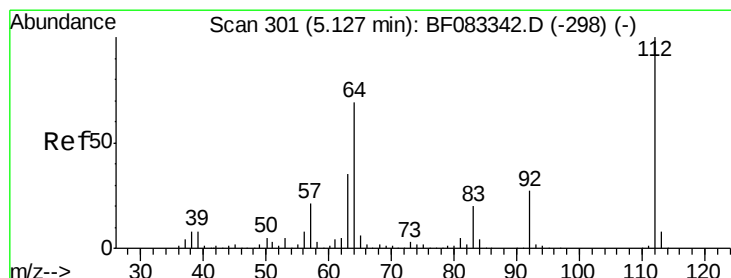
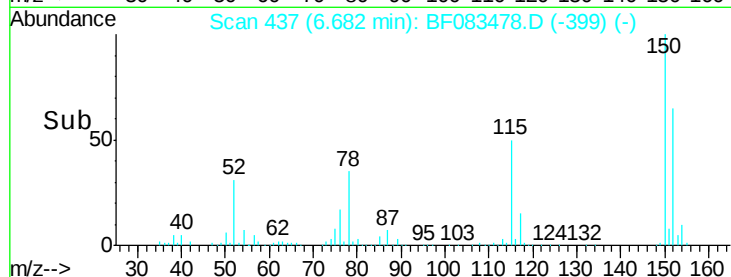
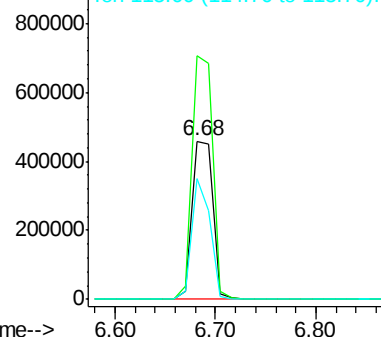
115 76.3 59.2 88.8



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: 35.56 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

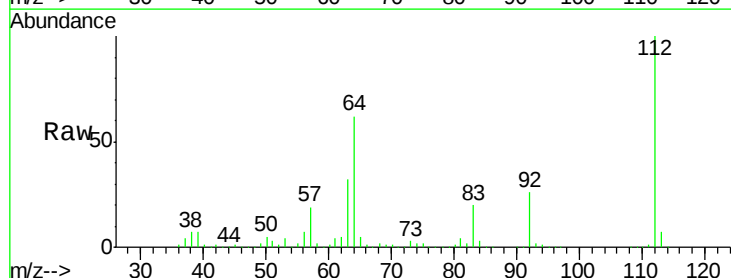
Tgt Ion:112 Resp: 1559242

Ion Ratio Lower Upper

112 100

64 62.4 55.6 83.4

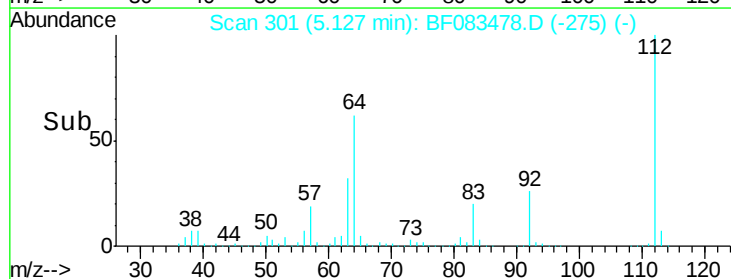
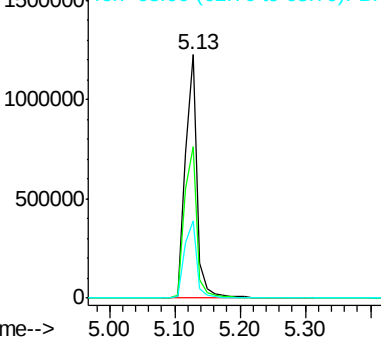
63 31.8 28.2 42.2



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: 35.38 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

Instrument :

BNA_F

ClientSampleId :

SB-04

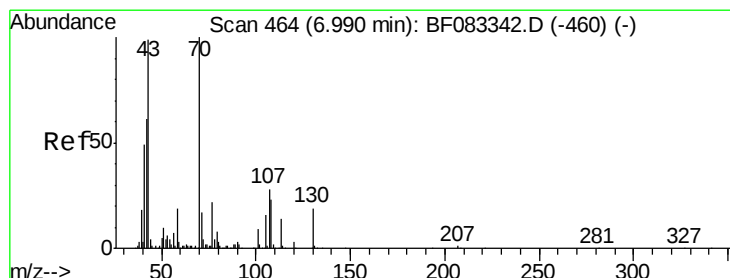
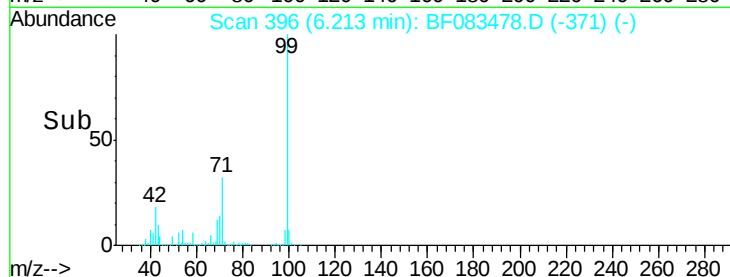
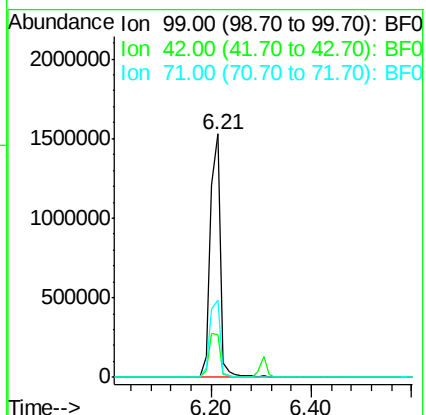
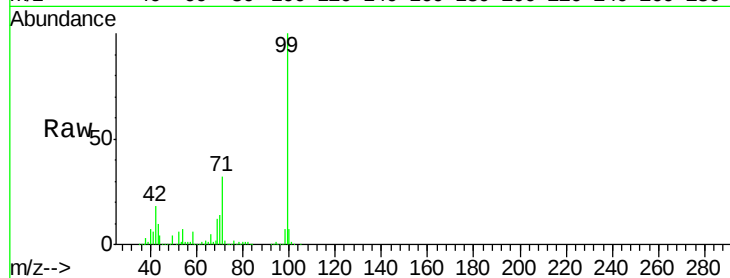
Tgt Ion: 99 Resp: 2123411

Ion Ratio Lower Upper

99 100

42 17.6 14.9 22.3

71 31.6 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 3.86 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.11 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

Tgt Ion: 70 Resp: 165437

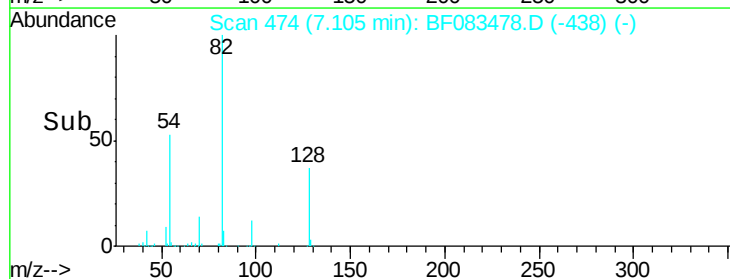
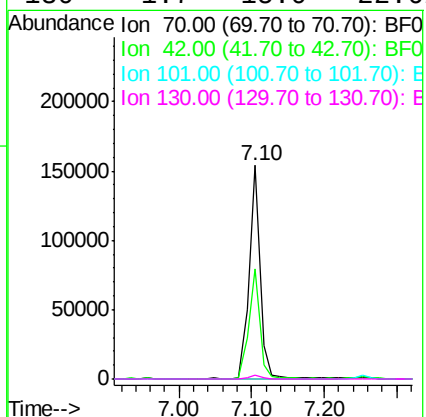
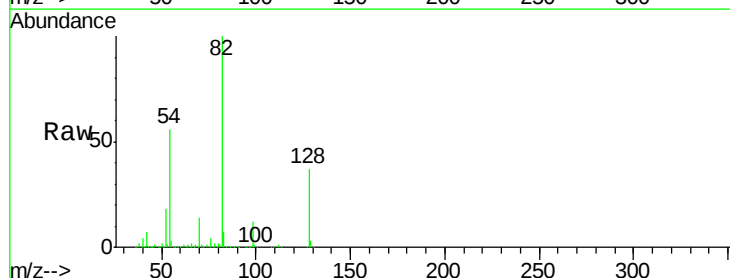
Ion Ratio Lower Upper

70 100

42 51.7 48.8 73.2

101 0.0 7.1 10.7#

130 1.7 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: BF083478.D

Acq: 4 Dec 2015 00:23

Instrument :

BNA_F

ClientSampleId :

SB-04

Tgt Ion:136 Resp: 574670

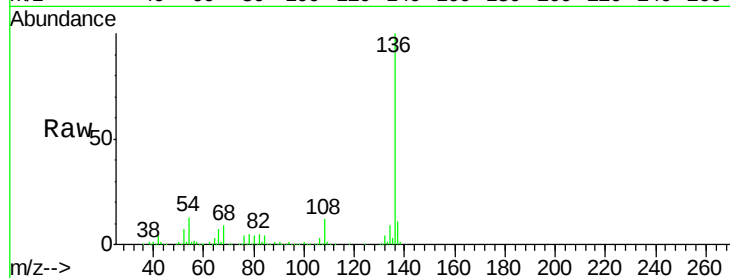
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 13.5 10.1 15.1

68 8.9 7.1 10.7

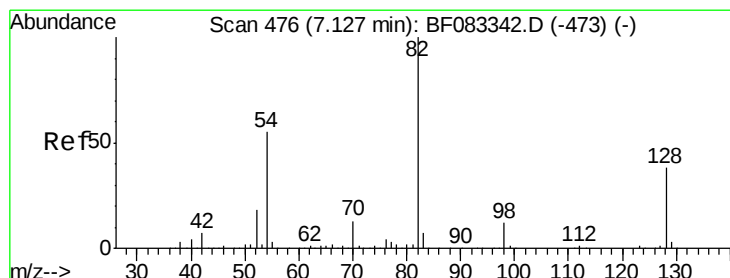
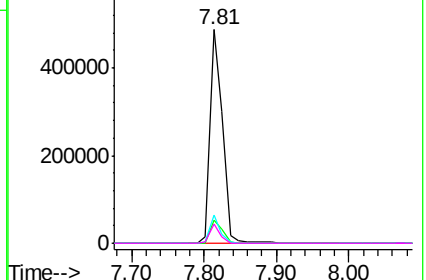
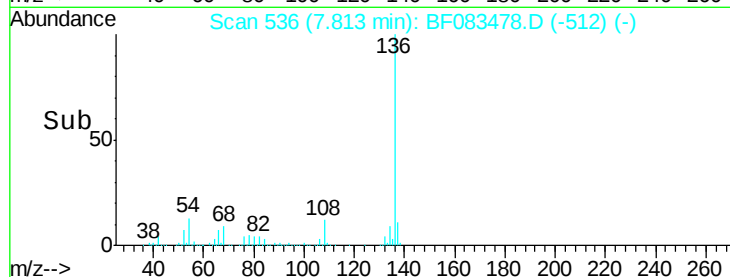


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.94 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

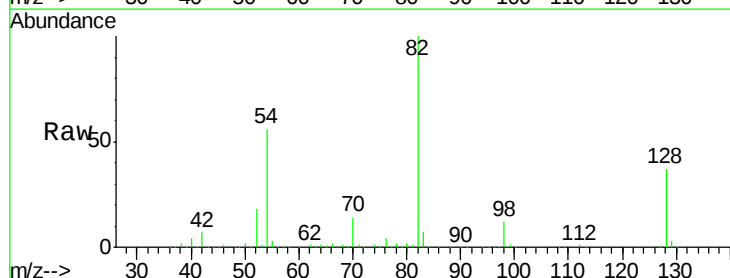
Tgt Ion: 82 Resp: 1188800

Ion Ratio Lower Upper

82 100

128 37.1 30.6 46.0

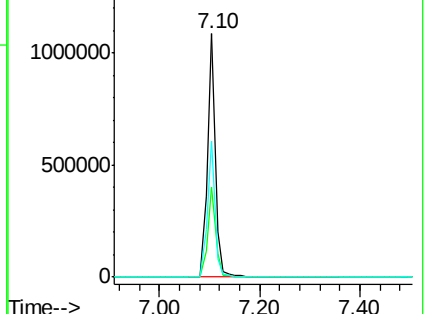
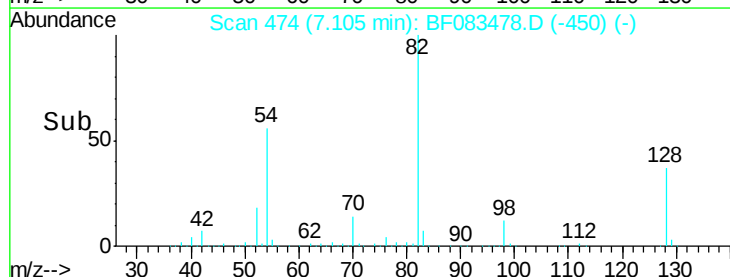
54 55.7 43.8 65.6

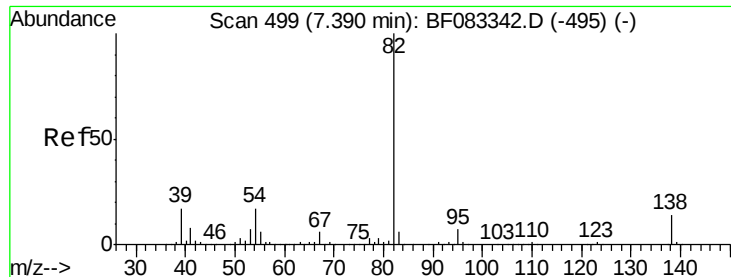


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

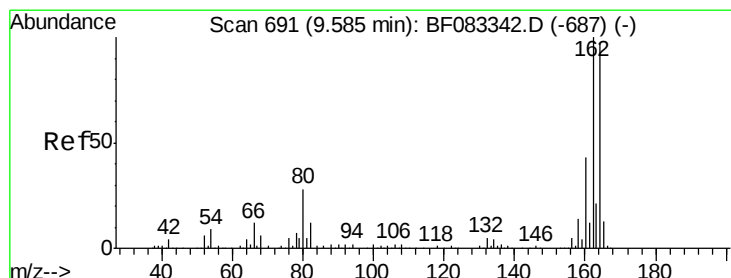
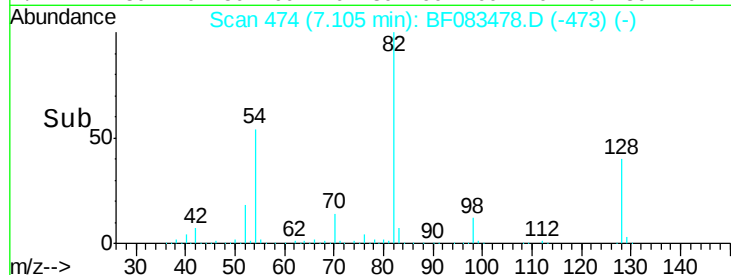
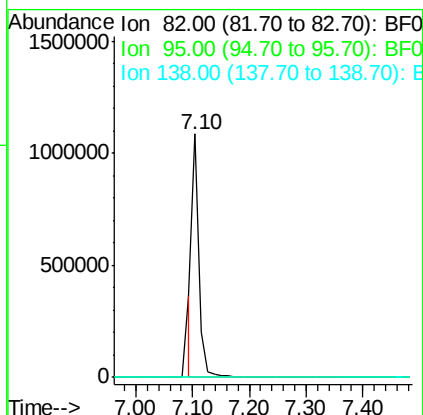
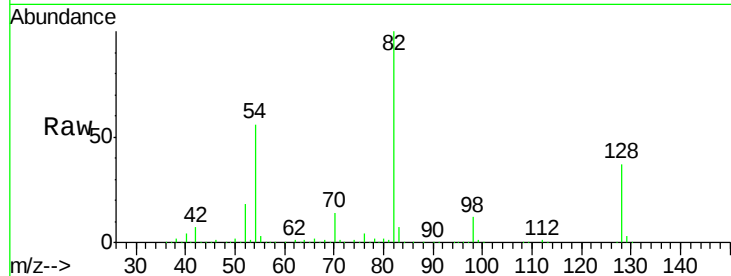




#25
Isophorone
Concen: 36.72 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

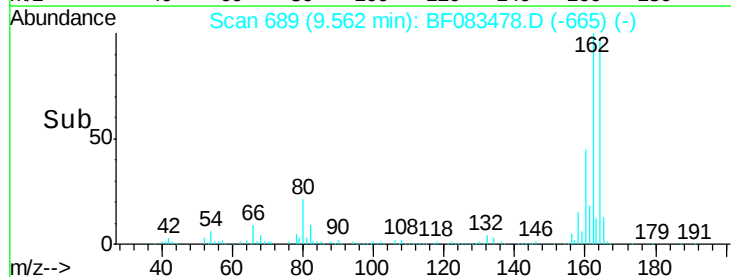
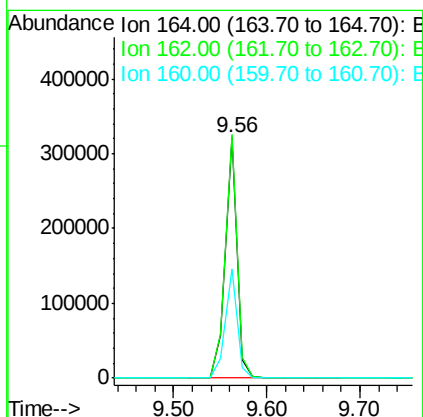
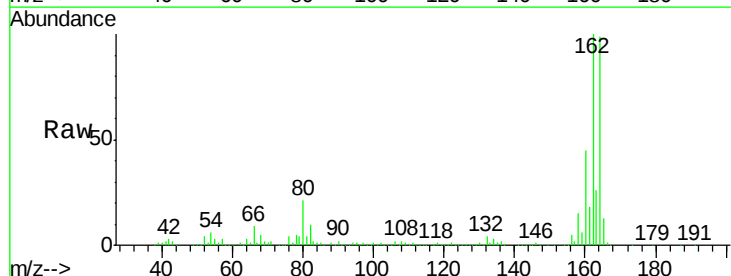
Instrument :
BNA_F
ClientSampleID :
SB-04

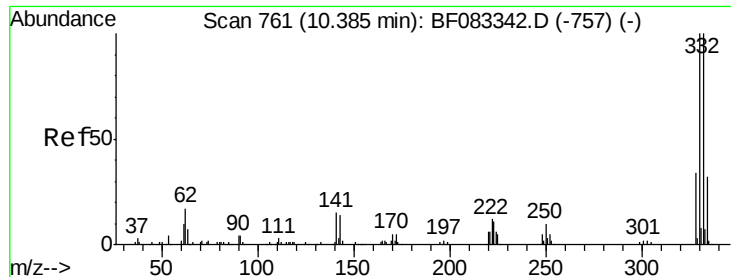
Tgt Ion: 82 Resp: 929748
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 11.6 17.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

Tgt Ion: 164 Resp: 281728
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 45.2 35.3 52.9

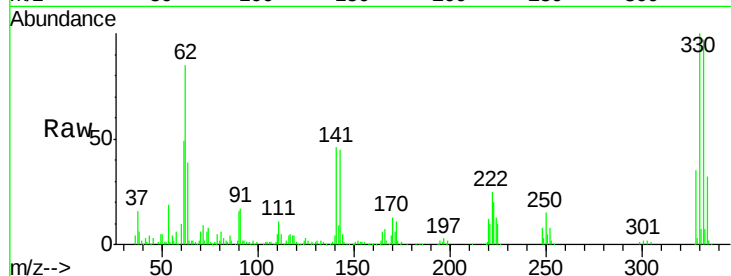




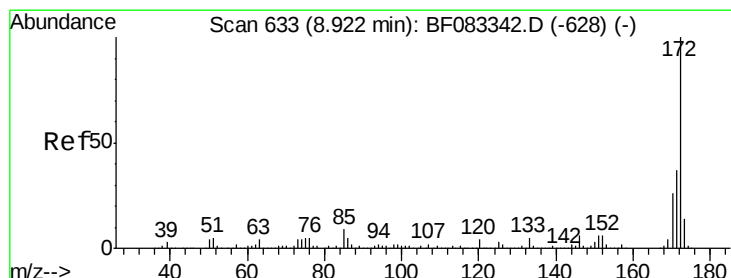
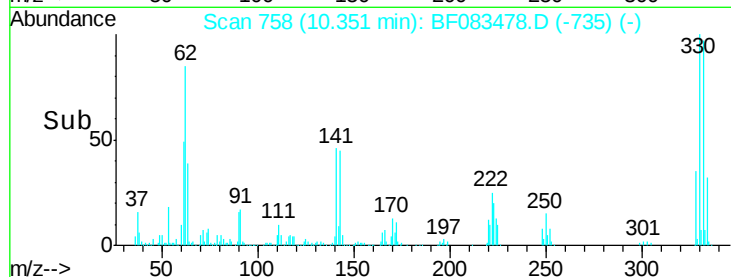
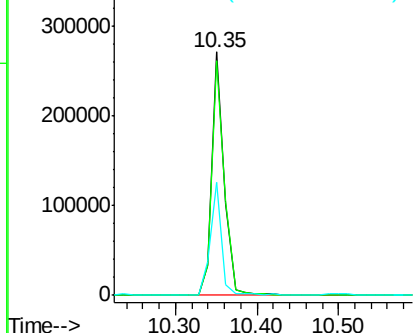
#41
 2,4,6-Tribromophenol
 Concen: 102.89 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083478.D
 Acq: 4 Dec 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	42.7	29.4	44.0

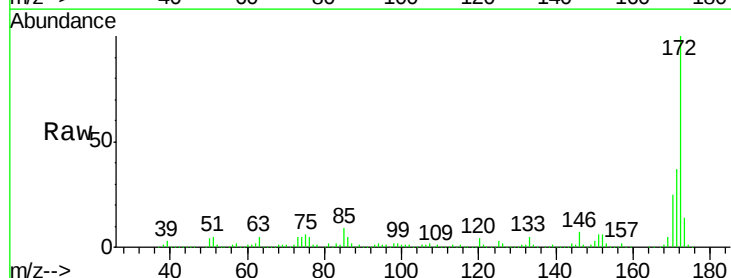


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

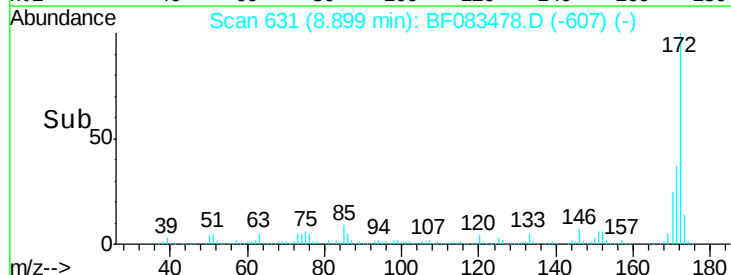
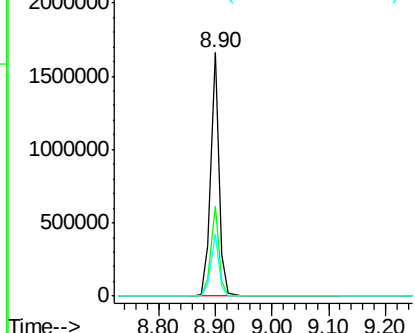


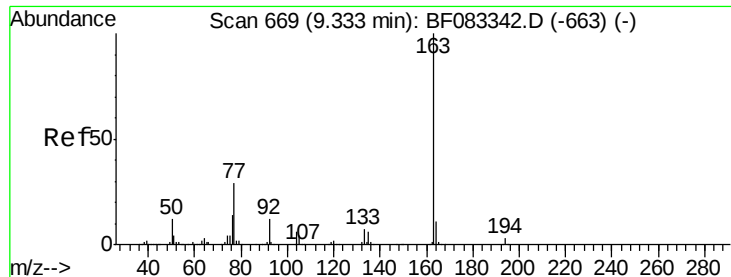
#44
 2-Fluorobiphenyl
 Concen: 81.54 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083478.D
 Acq: 4 Dec 2015 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.3	20.4	30.6



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

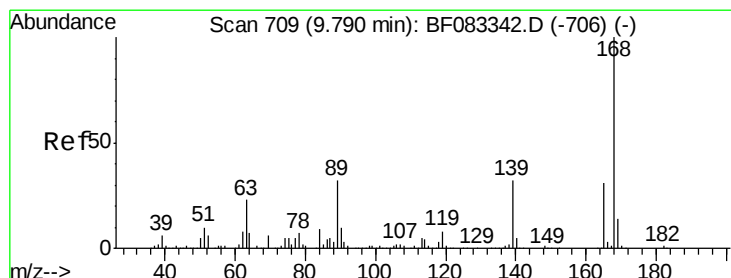
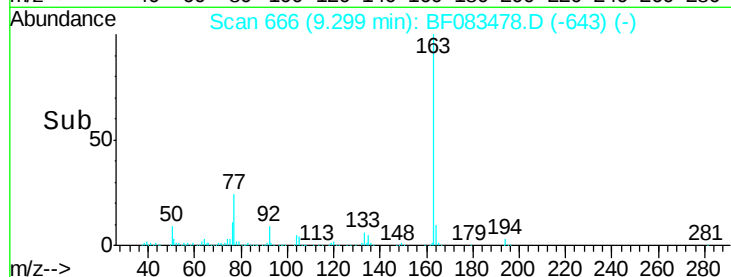
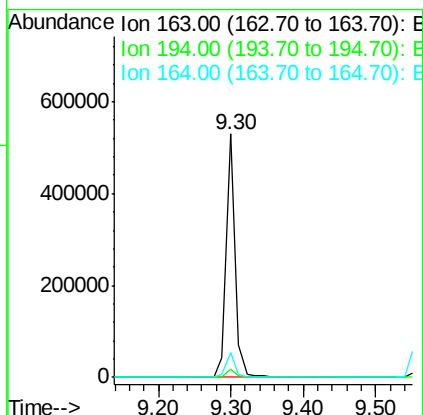
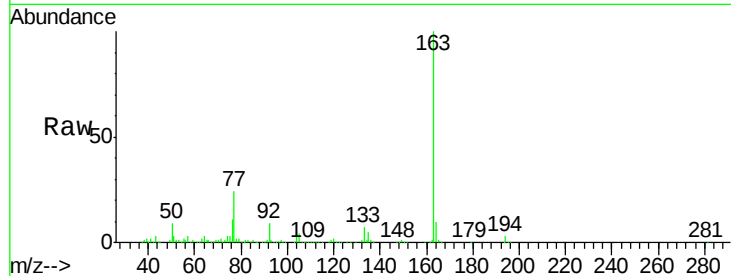




#49
Dimethylphthalate
Concen: 19.97 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

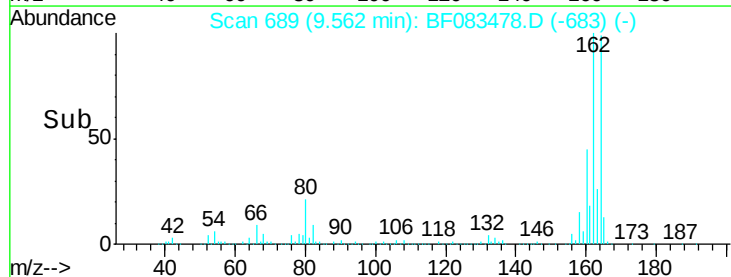
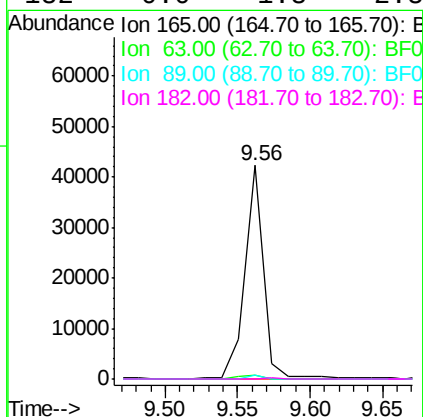
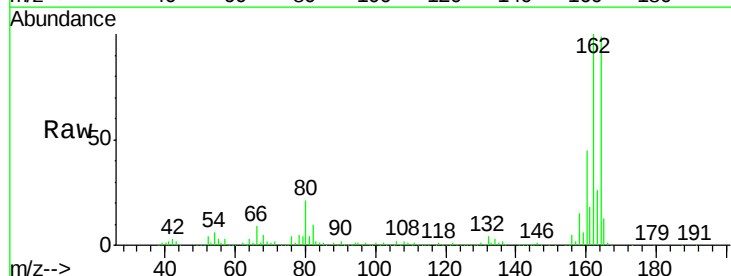
Instrument :
BNA_F
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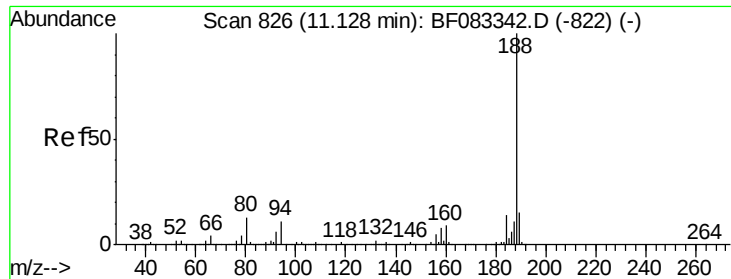
Tgt Ion:163 Resp: 457223
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.8 13.2



#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.23 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

Tgt Ion:165 Resp: 38140
Ion Ratio Lower Upper
165 100
63 1.6 65.4 98.0#
89 1.9 81.2 121.8#
182 0.0 1.8 2.8#

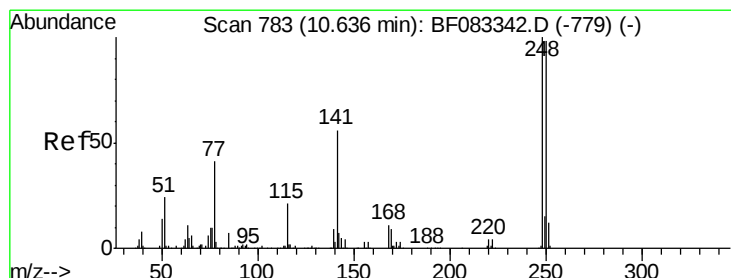
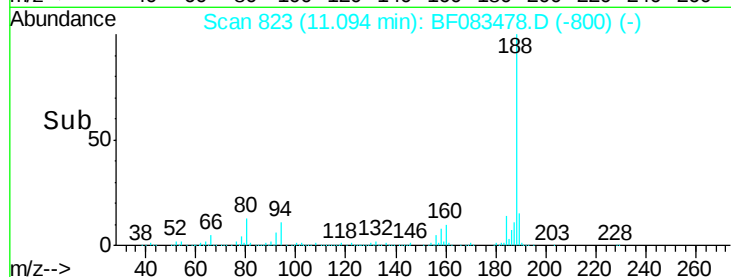
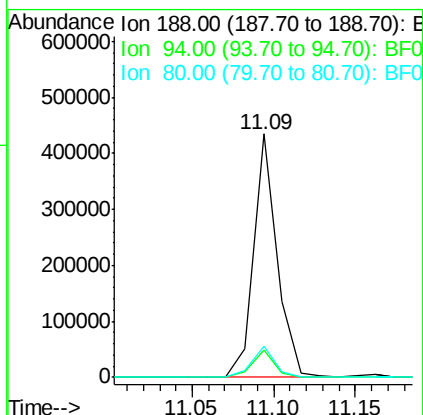
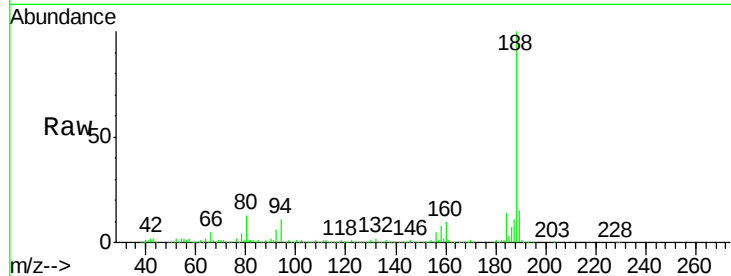




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

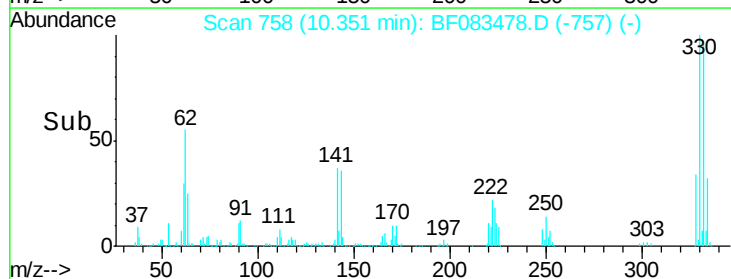
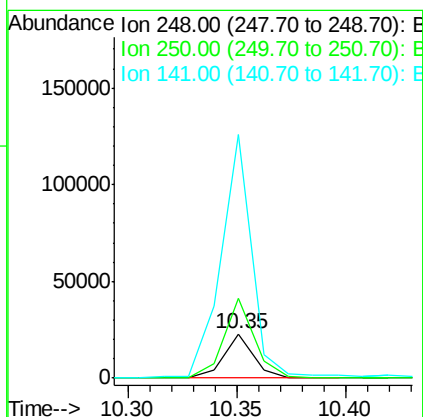
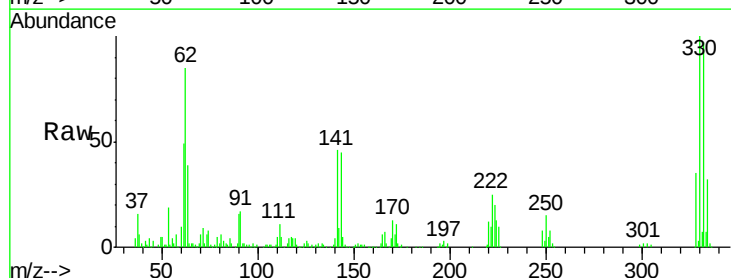
Instrument :
BNA_F
ClientSampleId :
SB-04

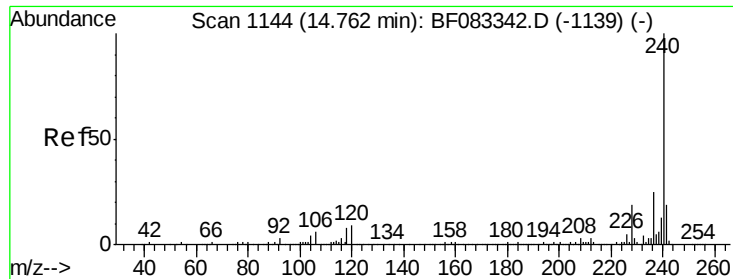
Tgt Ion:188 Resp: 435620
Ion Ratio Lower Upper
188 100
94 11.4 8.7 13.1
80 12.7 10.3 15.5



#66
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

Tgt Ion:248 Resp: 22030
Ion Ratio Lower Upper
248 100
250 180.8 78.6 118.0#
141 549.2 44.4 66.6#

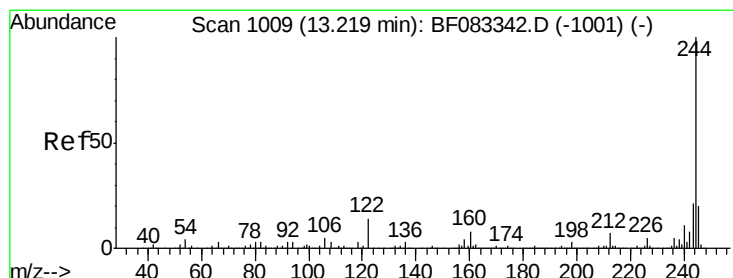
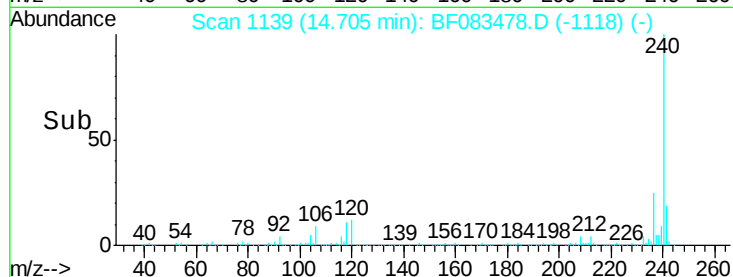
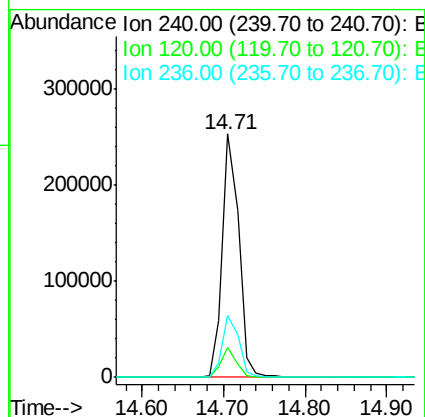
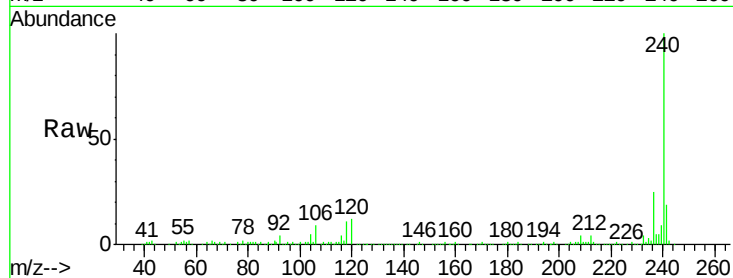




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

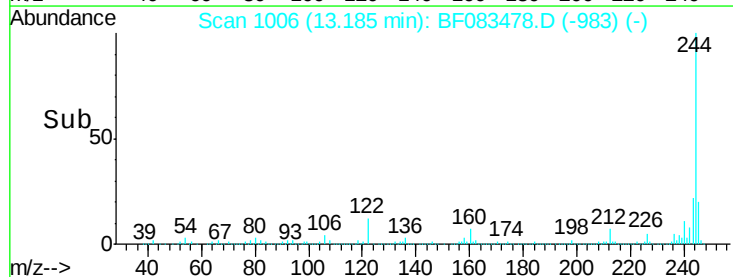
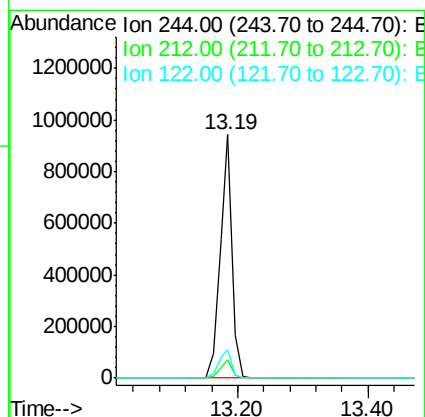
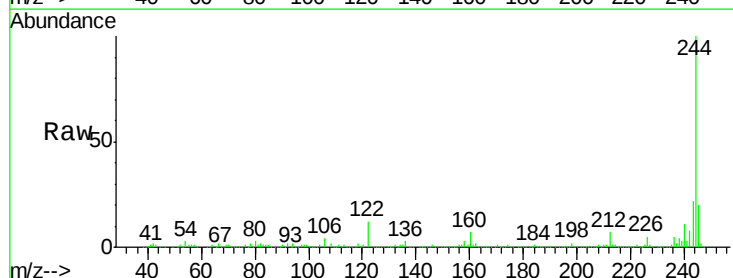
Instrument :
BNA_F
ClientSampleId :
SB-04

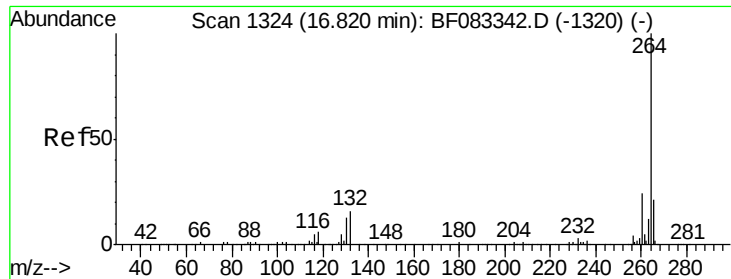
Tgt Ion:240 Resp: 355873
Ion Ratio Lower Upper
240 100
120 12.0 6.9 10.3#
236 25.4 19.8 29.6



#78
Terphenyl-d14
Concen: 81.27 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

Tgt Ion:244 Resp: 1212731
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 11.7 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: BF083478.D
Acq: 4 Dec 2015 00:23

Instrument :
BNA_F
ClientSampleId :
SB-04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	20.3	16.8	25.2

