

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083415.D
 Acq On : 2 Dec 2015 13:39
 Operator : UM/IZ
 Sample : G4582-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)

Quant Time: Dec 03 02:35:17 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

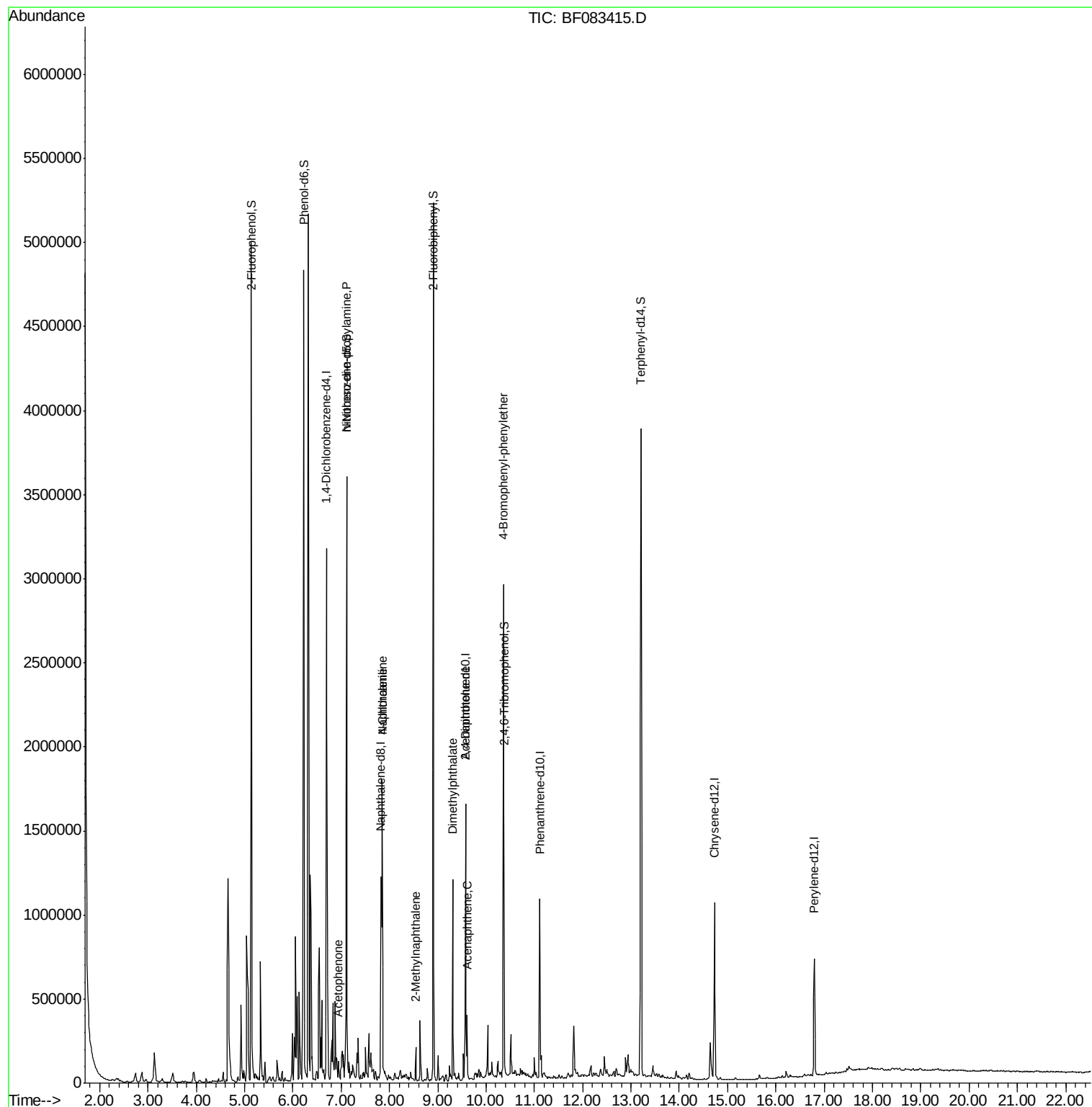
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	609562	20.00	ng	0.15
21) Naphthalene-d8	7.82	136	600162	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	320740	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	580511	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	513945	20.00	ng	-0.03
86) Perylene-d12	16.80	264	381275	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1502393	36.98	ng	0.01
7) Phenol-d6	6.22	99	2184280	39.28	ng	0.00
23) Nitrobenzene-d5	7.12	82	1300163	95.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	440914	136.94	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1708275	75.90	ng	-0.01
78) Terphenyl-d14	13.21	244	1777293	82.47	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.22	77	20415	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	182213	4.58 ng	#	80
22) Acetophenone	6.94	105	39171	2.18 ng	#	60
31) Naphthalene	7.85	128	839120	25.77 ng		98
33) 4-Chloroaniline	7.85	127	108789	7.75 ng	#	30
37) 2-Methylnaphthalene	8.54	142	57466	2.64 ng		98
49) Dimethylphthalate	9.31	163	462266	17.73 ng		98
51) Acenaphthene	9.61	154	87396	4.35 ng		99
56) 2,4-Dinitrotoluene	9.57	165	41503	5.88 ng	#	6
66) 4-Bromophenyl-phenylether	10.36	248	25729	4.05 ng	#	1

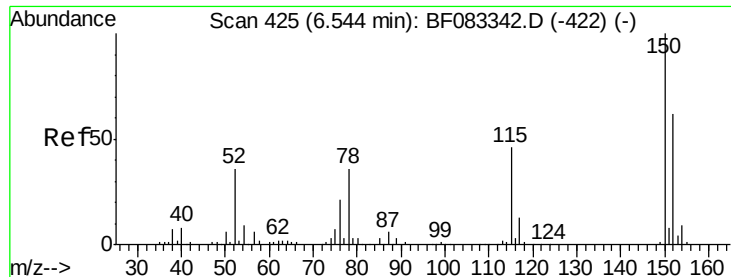
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 438

Delta R.T. 0.15 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)

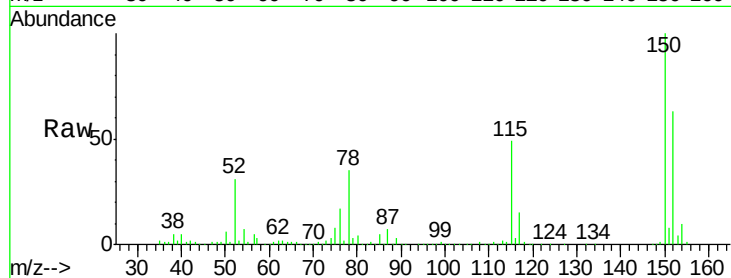
Tgt Ion:152 Resp: 609562

Ion Ratio Lower Upper

152 100

150 159.2 129.8 194.8

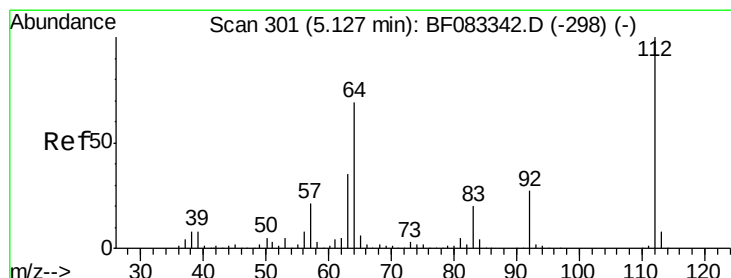
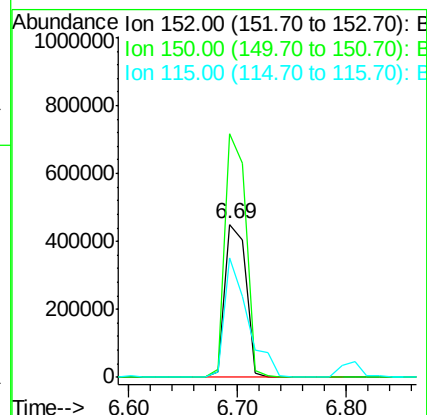
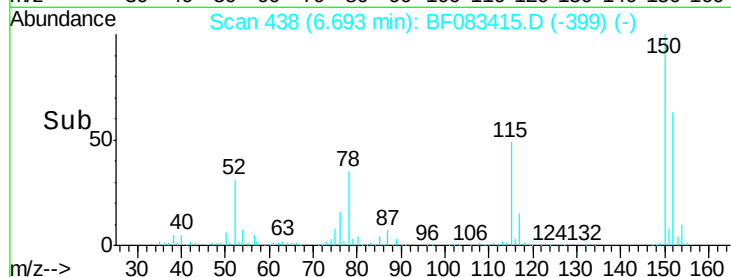
115 77.9 59.2 88.8



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: 36.98 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

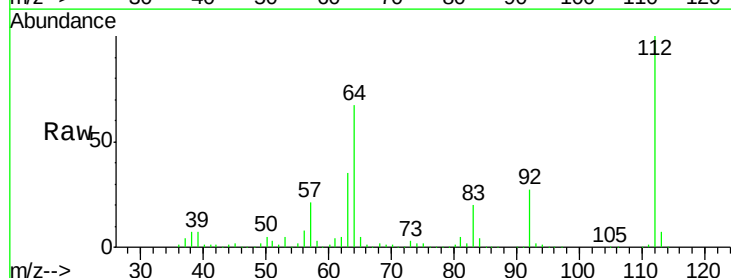
Tgt Ion:112 Resp: 1502393

Ion Ratio Lower Upper

112 100

64 67.5 55.6 83.4

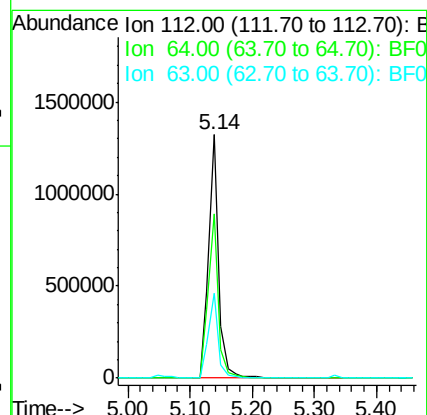
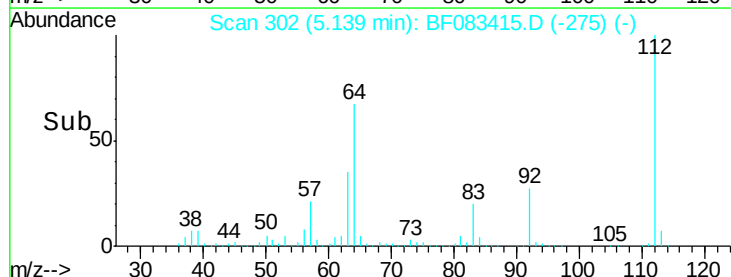
63 34.6 28.2 42.2

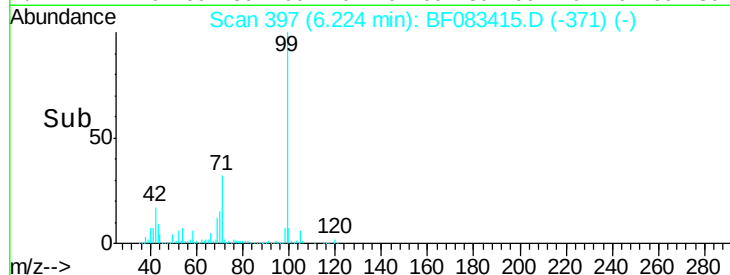
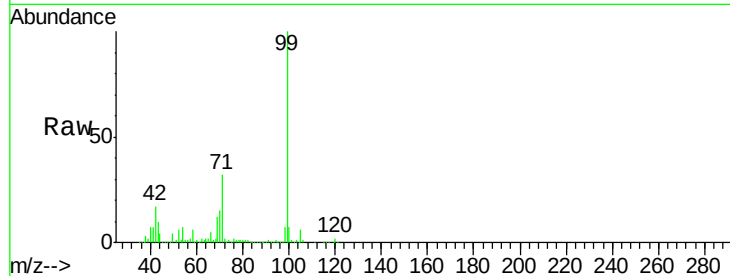
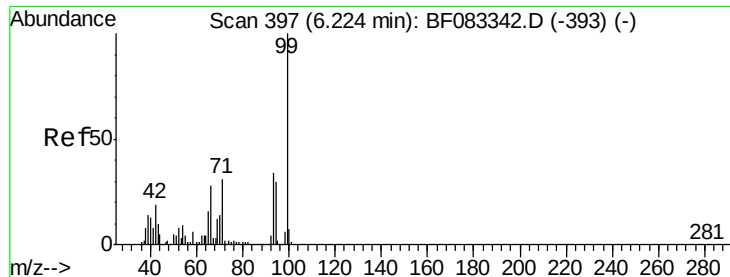


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.28 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)

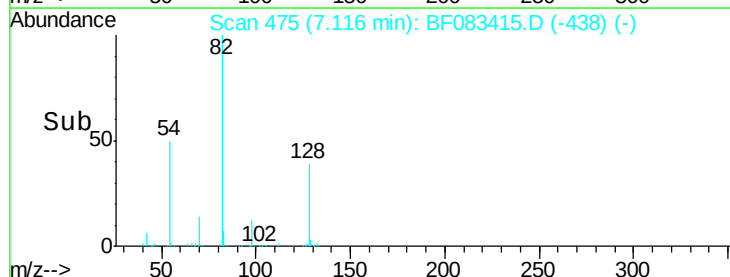
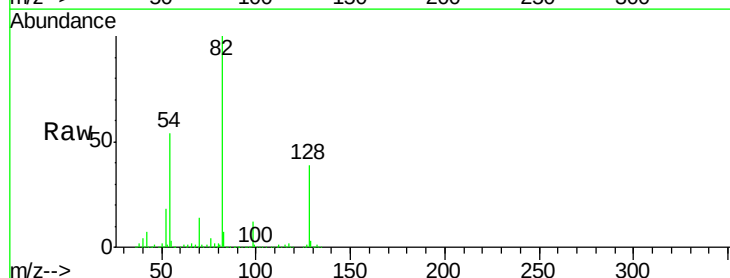
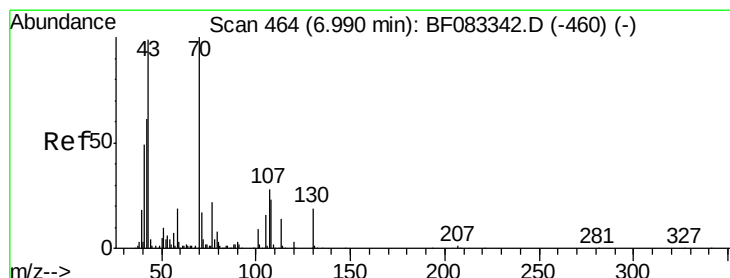
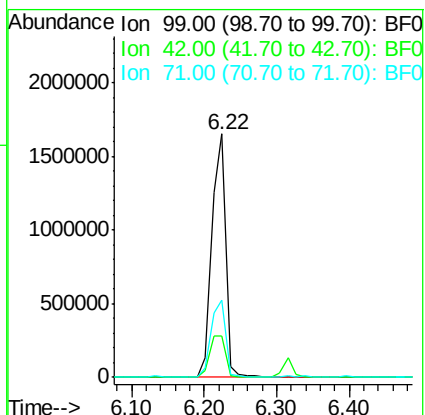
Tgt Ion: 99 Resp: 2184280

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

71 31.8 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 4.58 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Tgt Ion: 70 Resp: 182213

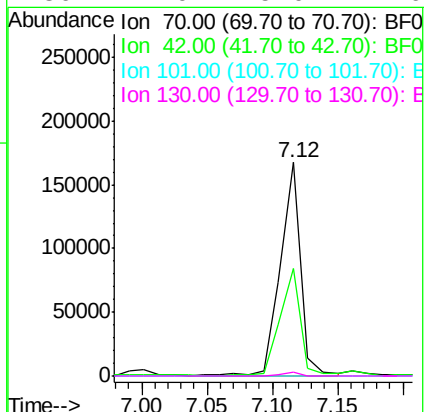
Ion Ratio Lower Upper

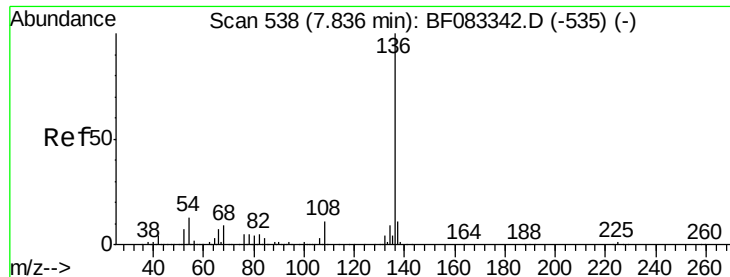
70 100

42 50.5 48.8 73.2

101 0.0 7.1 10.7#

130 2.0 15.0 22.6#

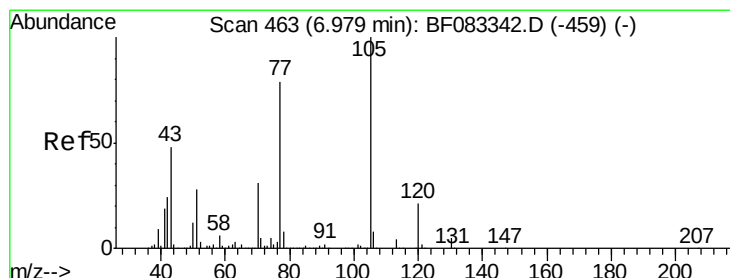
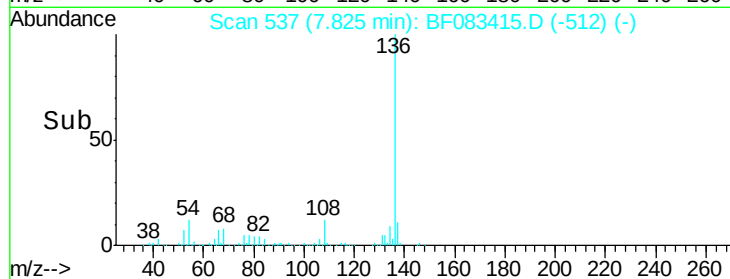
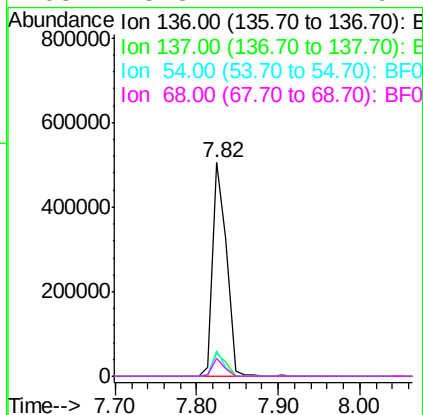
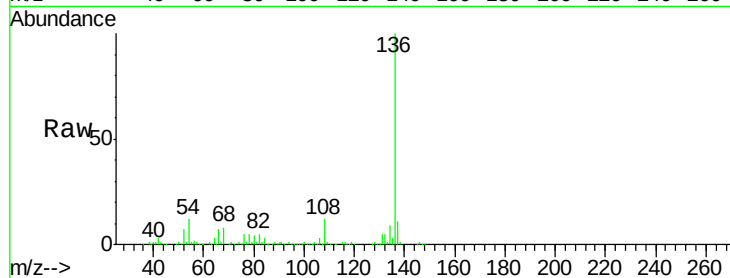




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

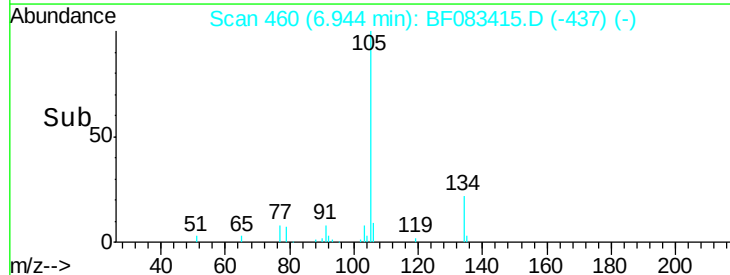
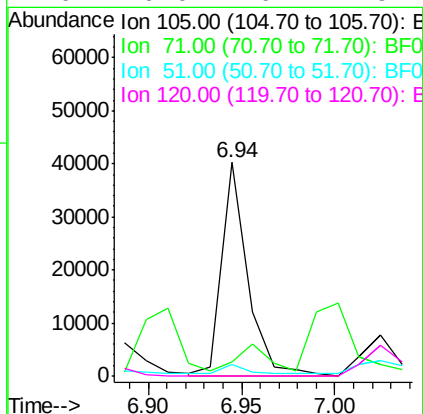
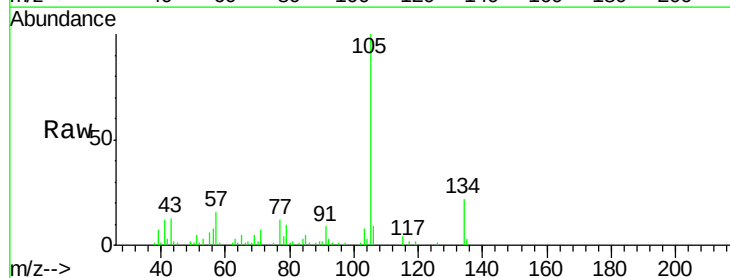
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SB-P3WC-07(8-14)

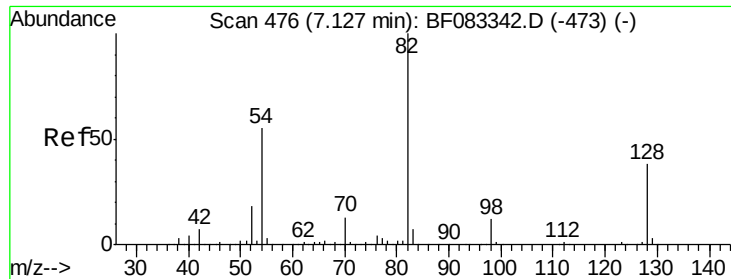
Tgt Ion:	136	Resp:	600162
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	12.3	10.1	15.1
68	8.3	7.1	10.7



#22
Acetophenone
Concen: 2.18 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Tgt Ion:	105	Resp:	39171
Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.3	6.5#
51	5.4	22.9	34.3#
120	0.0	16.7	25.1#

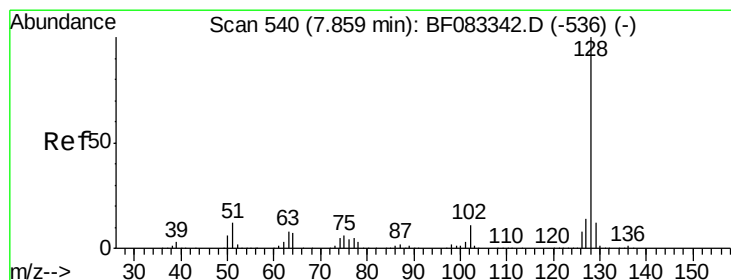
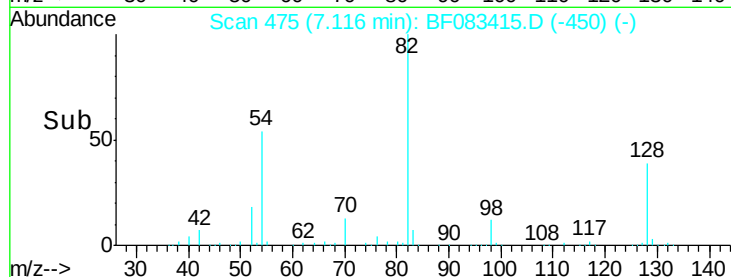
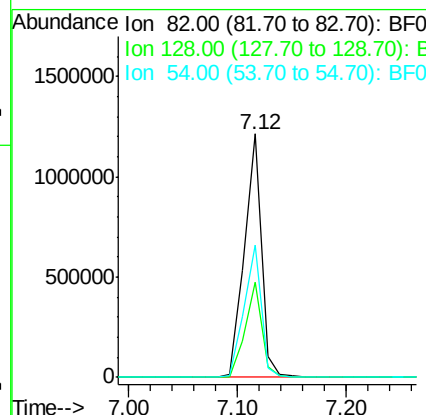
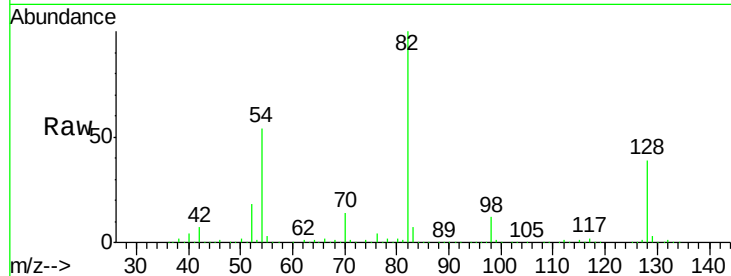




#23
 Nitrobenzene-d5
 Concen: 95.23 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083415.D
 Acq: 2 Dec 2015 13:39

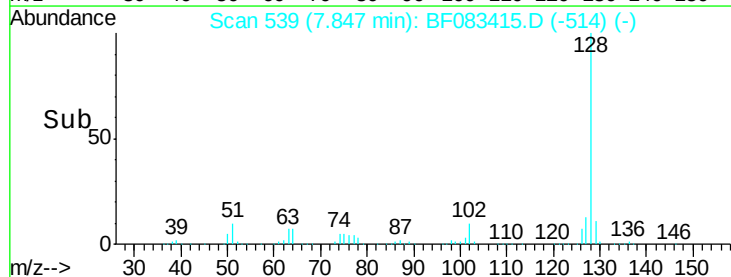
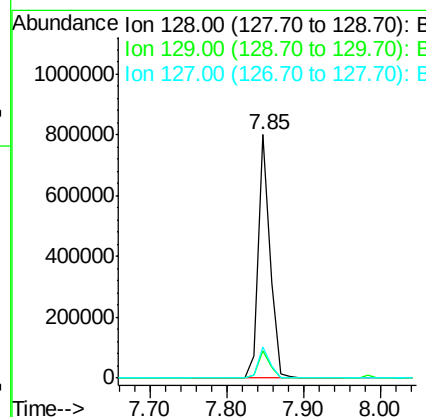
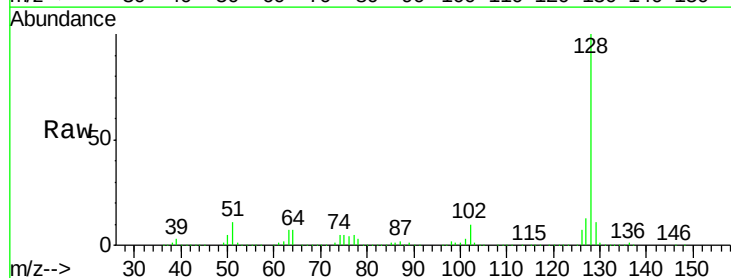
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)

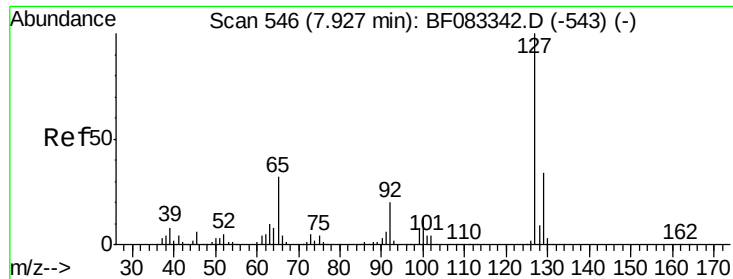
Tgt Ion: 82 Resp: 1300163
 Ion Ratio Lower Upper
 82 100
 128 39.1 30.6 46.0
 54 54.3 43.8 65.6



#31
 Naphthalene
 Concen: 25.77 ng
 RT: 7.85 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF083415.D
 Acq: 2 Dec 2015 13:39

Tgt Ion: 128 Resp: 839120
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.7 14.5
 127 12.8 11.0 16.4

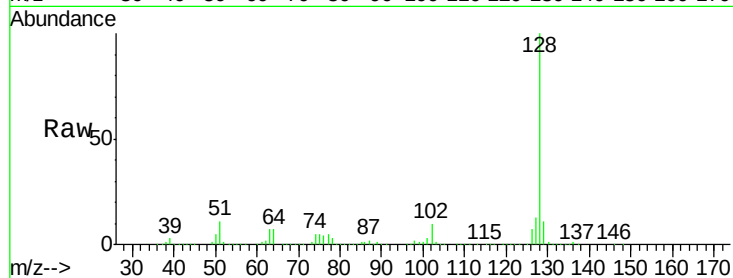




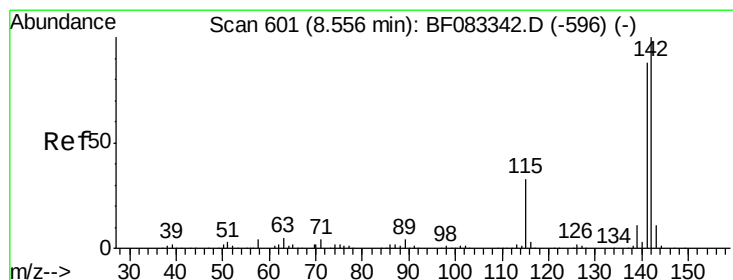
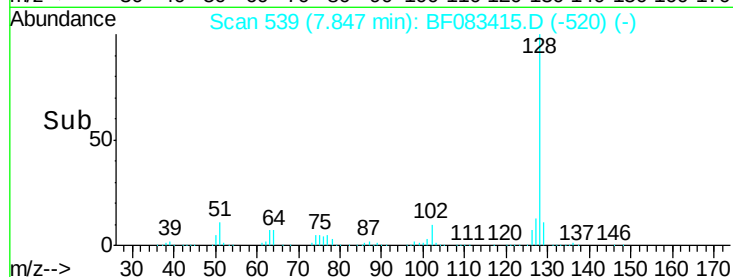
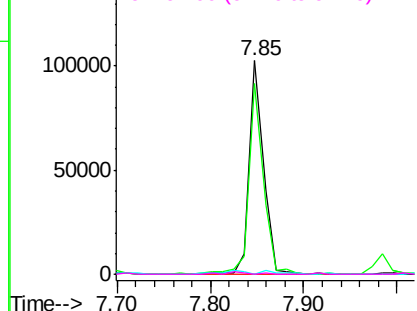
#33
4-Chloroaniline
Concen: 7.75 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.08 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)

Tgt Ion:	127	Resp:	108789
Ion	Ratio	Lower	Upper
127	100		
129	89.2	27.0	40.4#
65	0.0	25.9	38.9#
92	0.0	15.8	23.8#

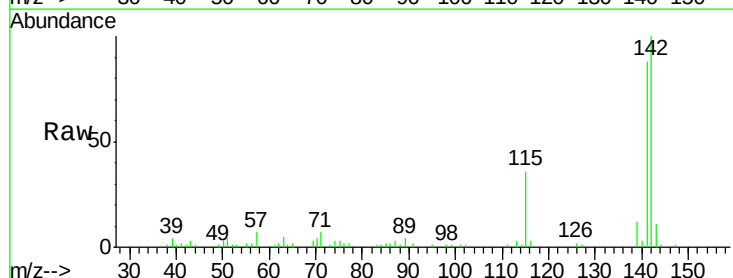


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

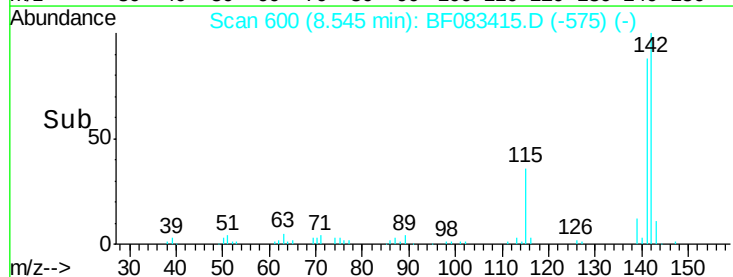
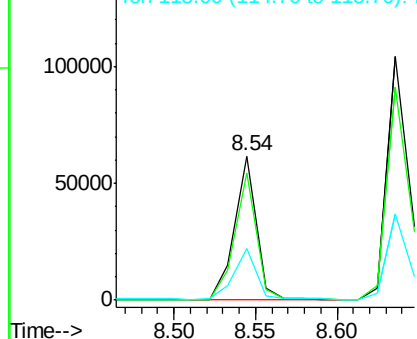


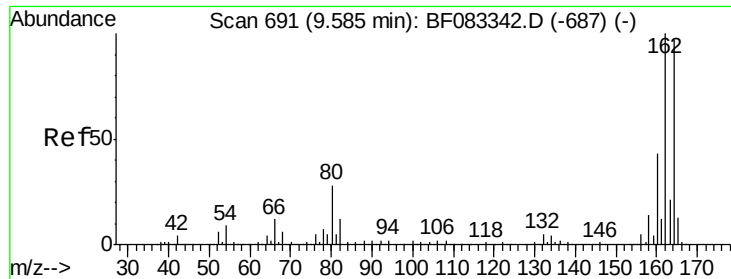
#37
2-Methylnaphthalene
Concen: 2.64 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Tgt Ion:	142	Resp:	57466
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	105.8
115	35.5	26.2	39.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

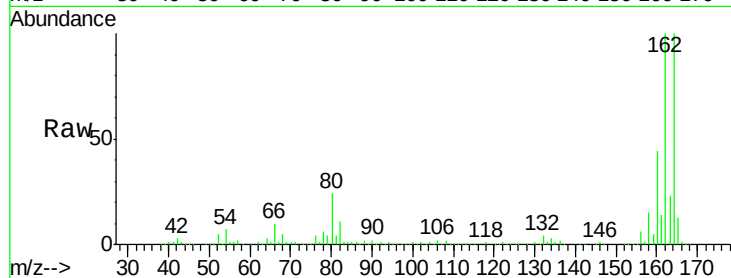




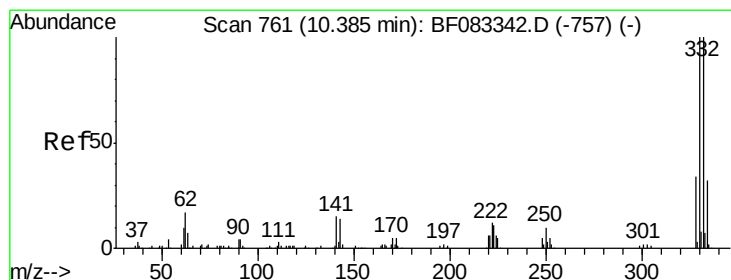
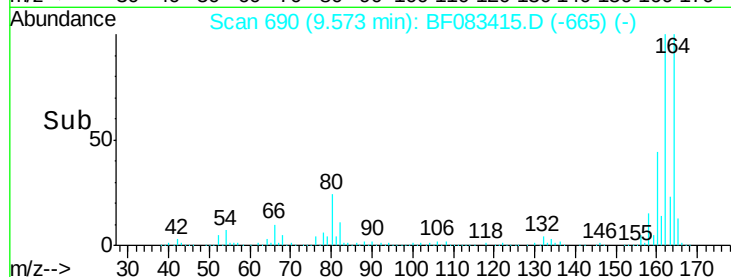
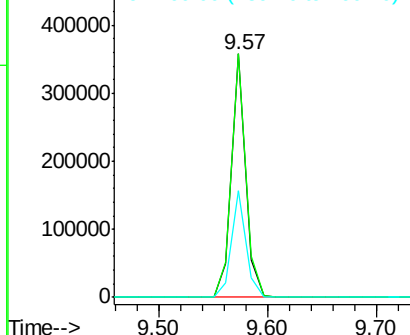
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)

Tgt Ion:164 Resp: 320740
Ion Ratio Lower Upper
164 100
162 100.1 82.6 123.8
160 43.8 35.3 52.9

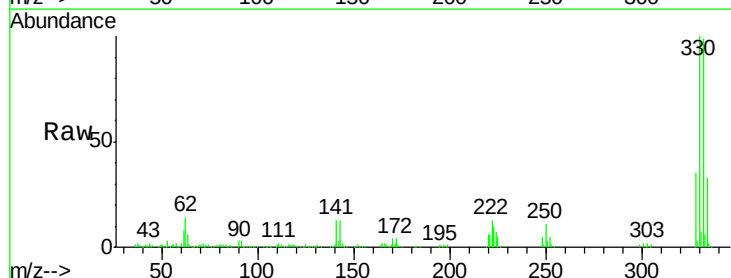


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

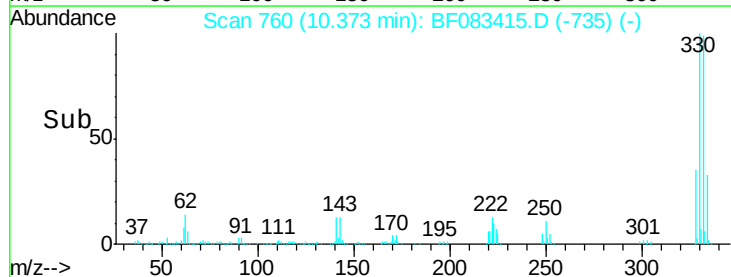
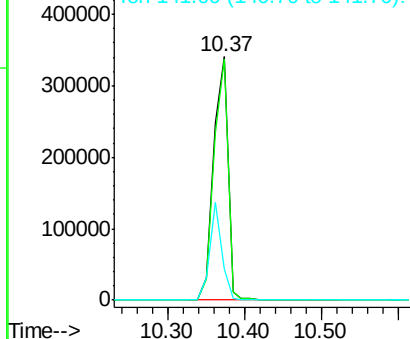


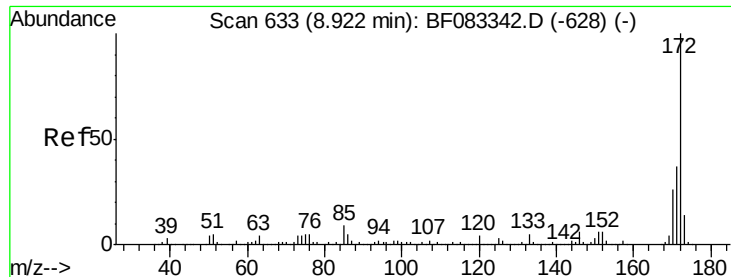
#41
2,4,6-Tribromophenol
Concen: 136.94 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Tgt Ion:330 Resp: 440914
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.6
141 34.1 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

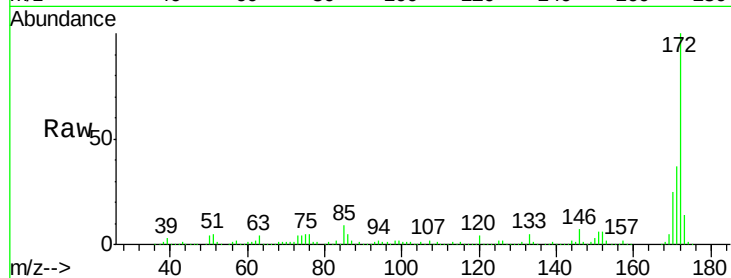




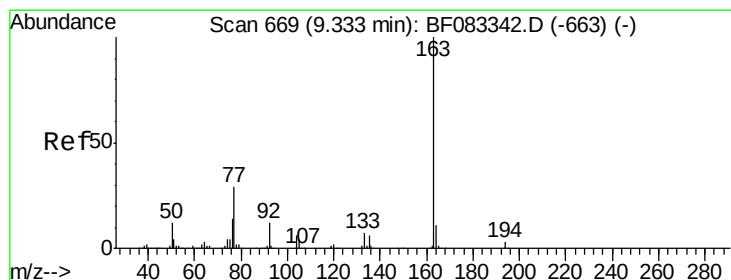
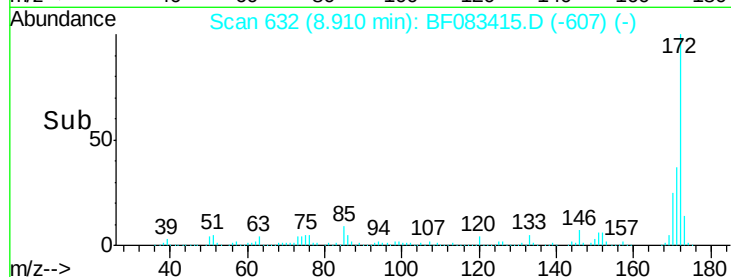
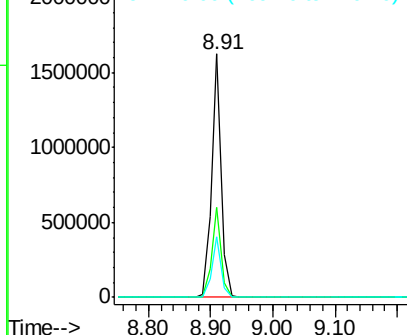
#44
2-Fluorobiphenyl
Concen: 75.90 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)

Tgt Ion:172 Resp: 1708275
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 25.1 20.4 30.6

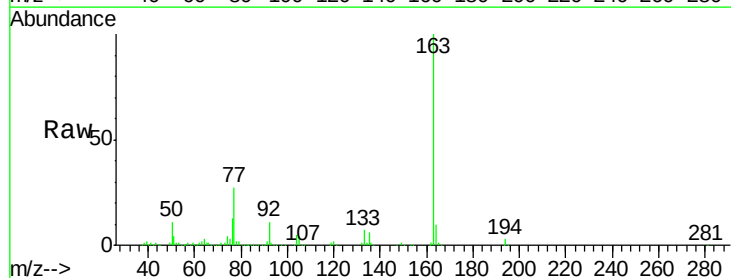


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

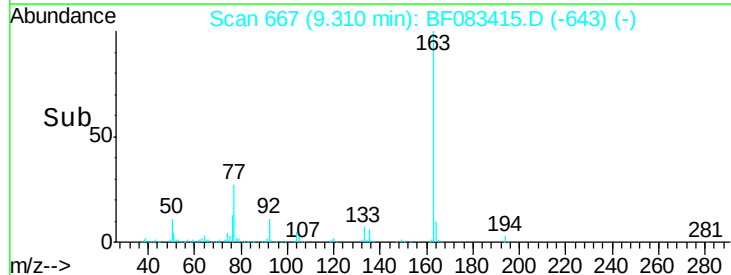
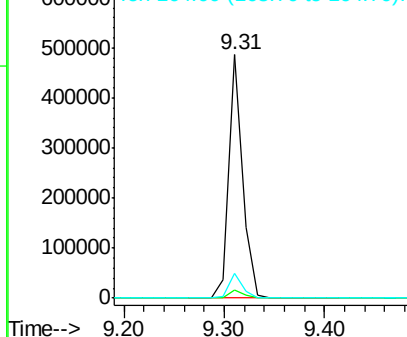


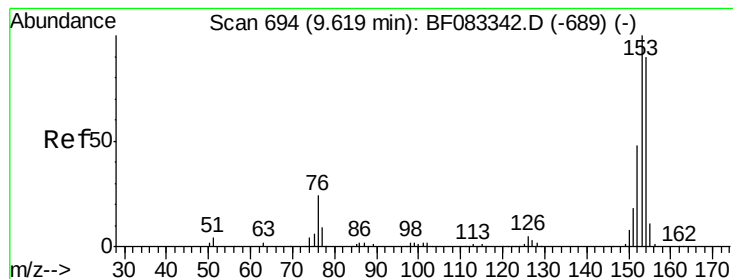
#49
Dimethylphthalate
Concen: 17.73 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Tgt Ion:163 Resp: 462266
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.3 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





#51

Acenaphthene

Concen: 4.35 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)

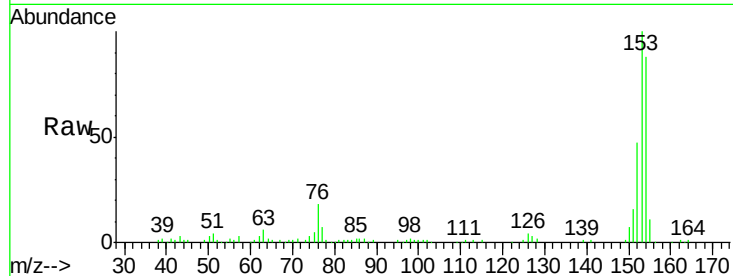
Tgt Ion:154 Resp: 87396

Ion Ratio Lower Upper

154 100

153 113.0 89.3 133.9

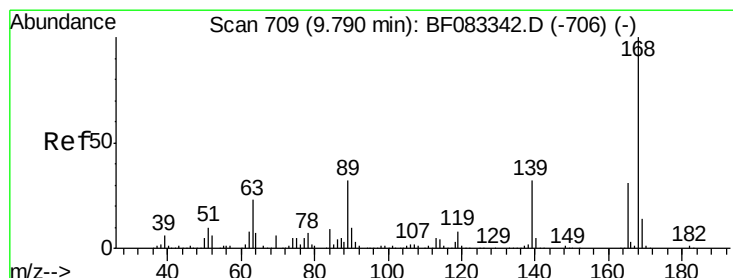
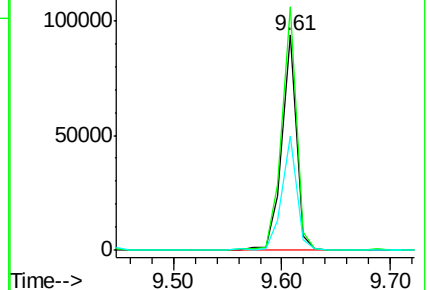
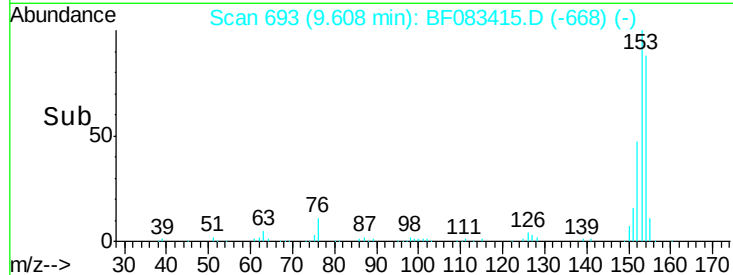
152 53.1 42.5 63.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 5.88 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.22 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Tgt Ion:165 Resp: 41503

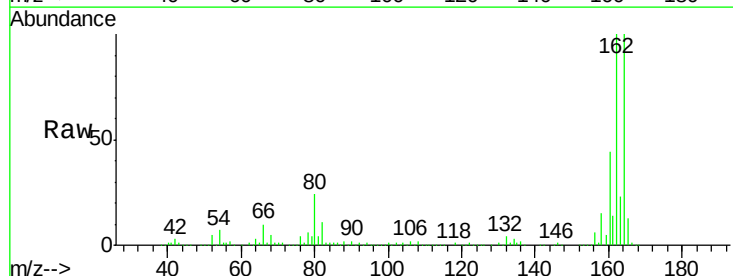
Ion Ratio Lower Upper

165 100

63 1.5 65.4 98.0#

89 1.5 81.2 121.8#

182 0.0 1.8 2.8#

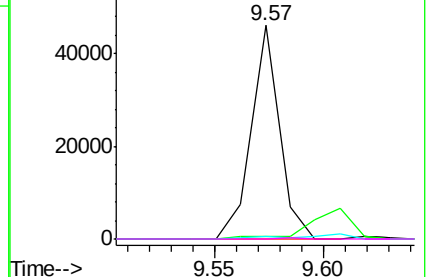
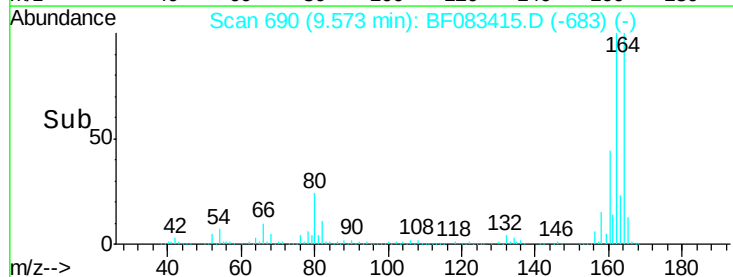


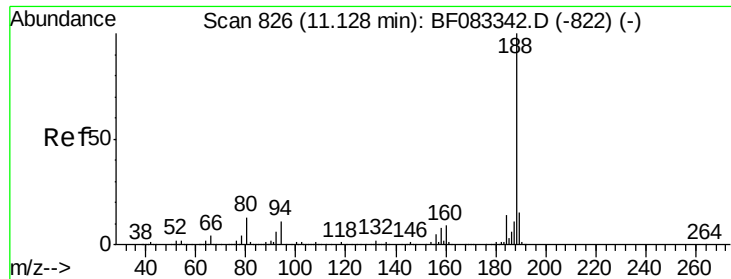
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.12 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-07(8-14)

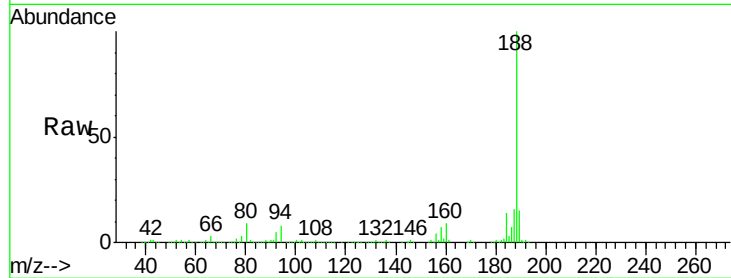
Tgt Ion:188 Resp: 580511

Ion Ratio Lower Upper

188 100

94 7.9 8.7 13.1#

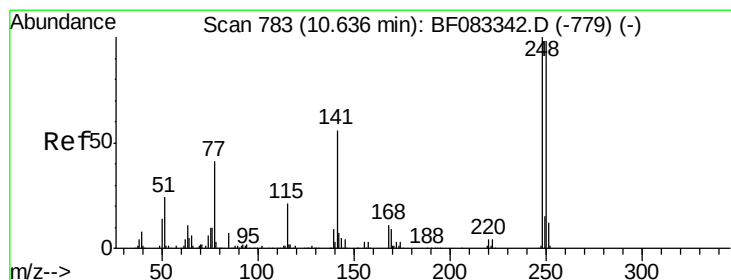
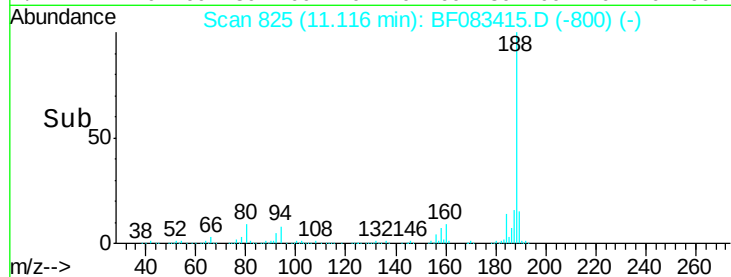
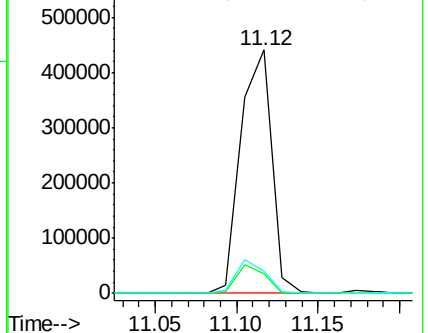
80 9.1 10.3 15.5#



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: 4.05 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF083415.D

Acq: 2 Dec 2015 13:39

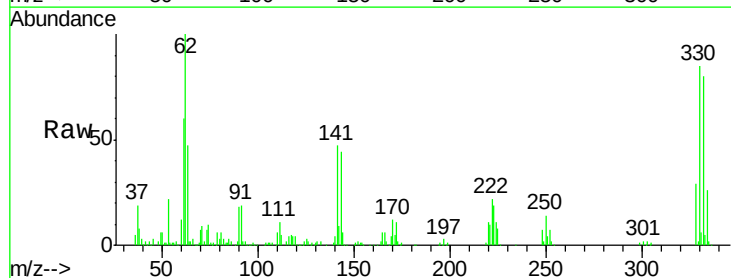
Tgt Ion:248 Resp: 25729

Ion Ratio Lower Upper

248 100

250 200.4 78.6 118.0#

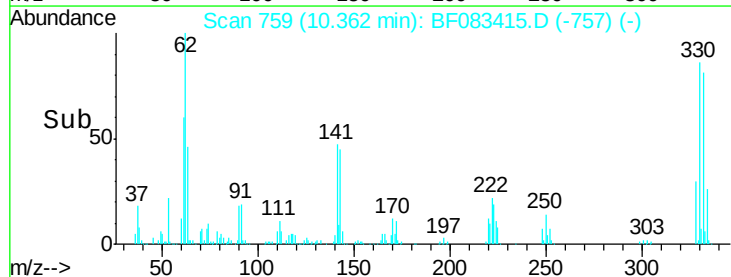
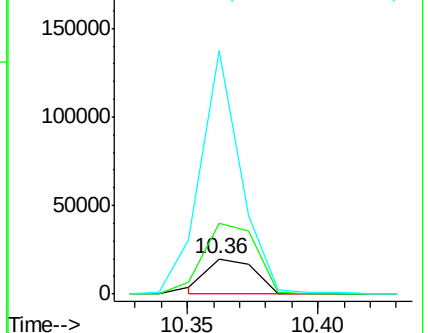
141 686.0 44.4 66.6#

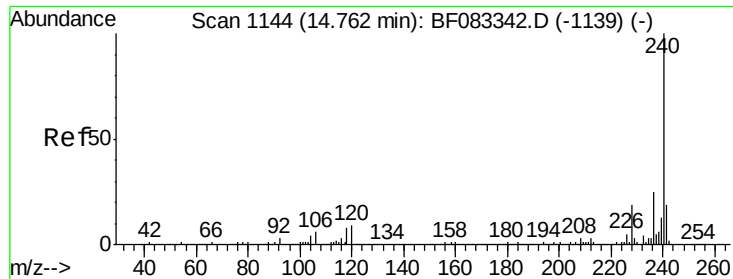


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

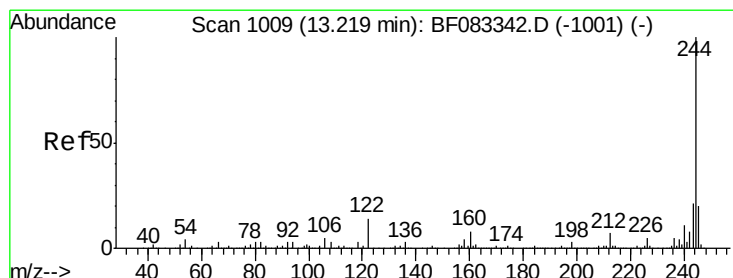
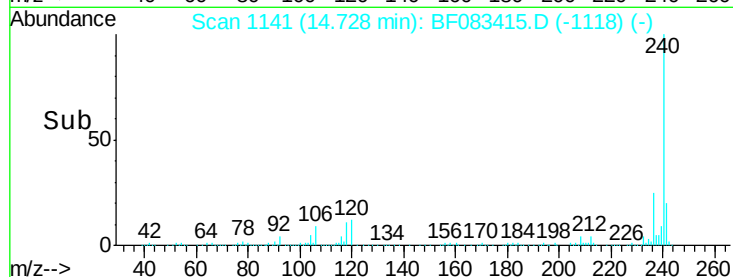
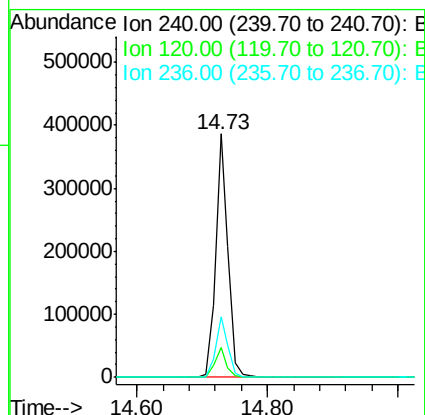
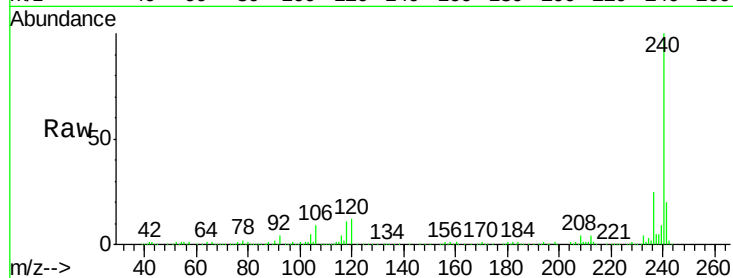




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.03 min
 Lab File: BF083415.D
 Acq: 2 Dec 2015 13:39

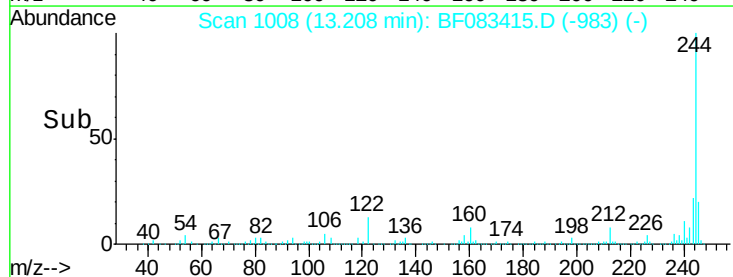
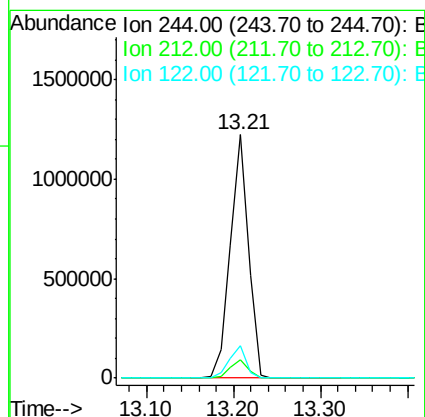
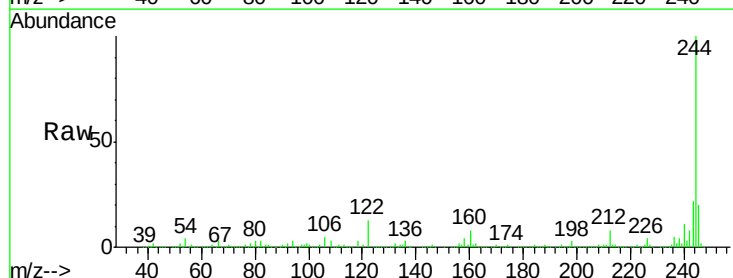
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-07(8-14)

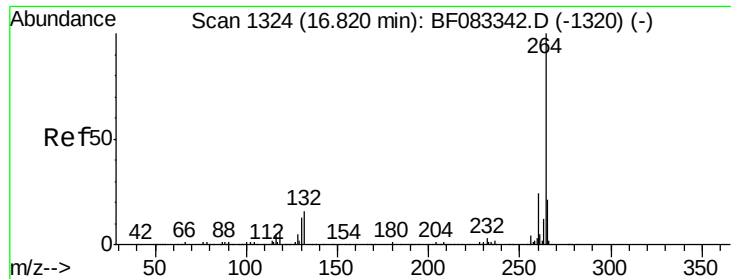
Tgt Ion:240 Resp: 513945
 Ion Ratio Lower Upper
 240 100
 120 12.1 6.9 10.3#
 236 25.0 19.8 29.6



#78
 Terphenyl-d14
 Concen: 82.47 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF083415.D
 Acq: 2 Dec 2015 13:39

Tgt Ion:244 Resp: 1777293
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 13.3 11.0 16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083415.D
Acq: 2 Dec 2015 13:39

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-07(8-14)

Tgt Ion: 264 Resp: 381275
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.0 16.8 25.2

