

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083389.D
 Acq On : 1 Dec 2015 23:29
 Operator : UM/IZ
 Sample : G4527-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2(4-6)

Quant Time: Dec 02 03:18:45 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

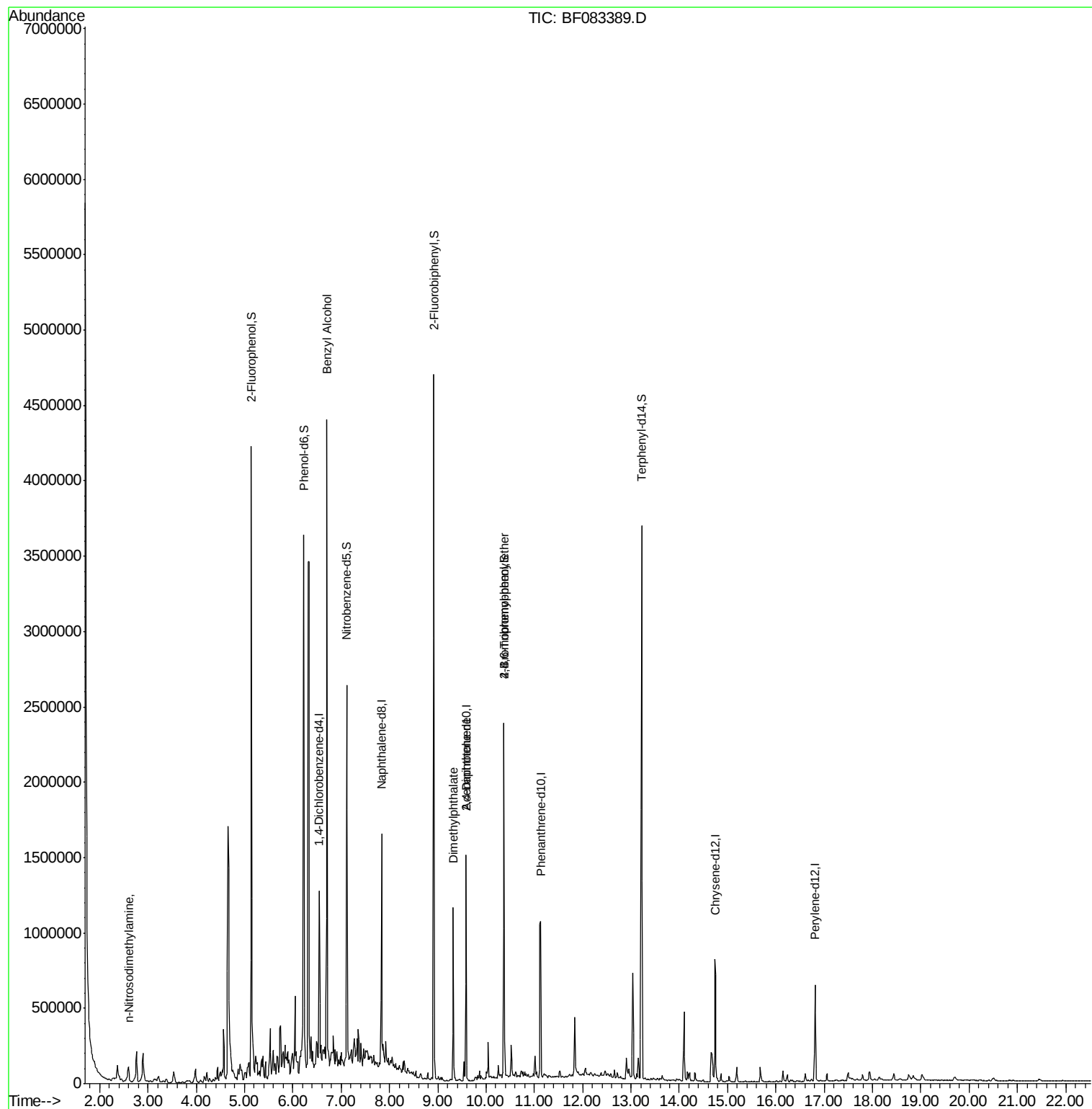
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	168015	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	654833	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	328845	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	587790	20.00	ng	0.00
75) Chrysene-d12	14.74	240	453965	20.00	ng	-0.02
86) Perylene-d12	16.81	264	357019	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1218475	108.82	ng	0.01
7) Phenol-d6	6.22	99	1865095	121.70	ng	0.00
23) Nitrobenzene-d5	7.12	82	1153895	77.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	273959	82.99	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1848054	80.09	ng	0.00
78) Terphenyl-d14	13.22	244	1598426	83.97	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	2.60	42	19001	2.55	ng	# 1
9) Benzaldehyde	6.06	77	5054	Below Cal		# 1
15) Benzyl Alcohol	6.70	79	25926	2.19	ng	# 50
49) Dimethylphthalate	9.32	163	465128	17.40	ng	98
56) 2,4-Dinitrotoluene	9.58	165	42381	5.85	ng	# 7
66) 4-Bromophenyl-phenylether	10.37	248	16338	2.54	ng	# 1

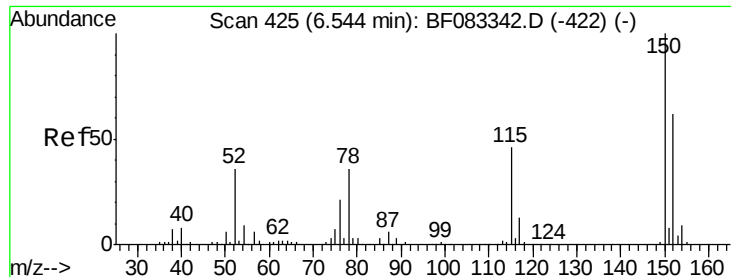
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083389.D

Acq: 1 Dec 2015 23:29

Instrument :

BNA_F

ClientSampleId :

TP2(4-6)

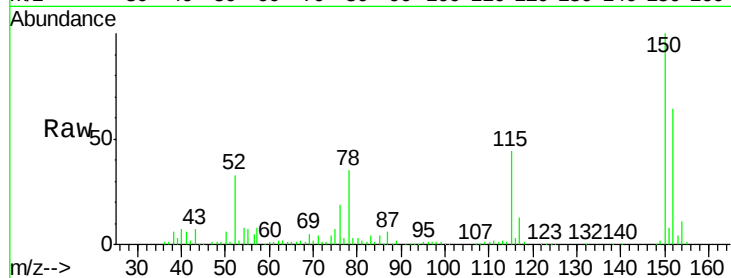
Tgt Ion:152 Resp: 168015

Ion Ratio Lower Upper

152 100

150 157.4 129.8 194.8

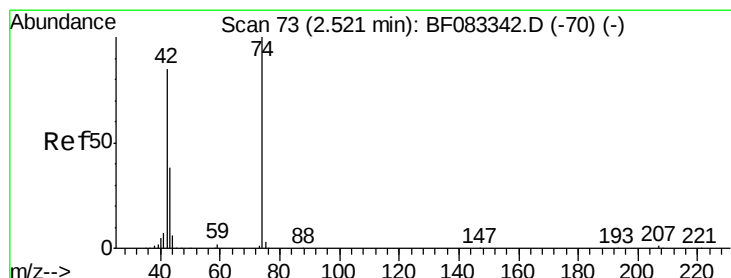
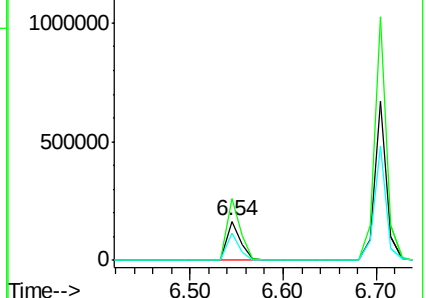
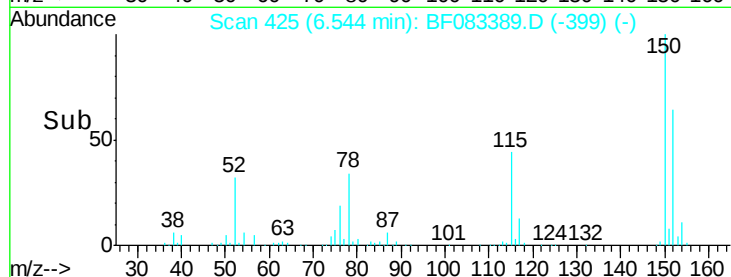
115 70.0 59.2 88.8



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



#4

n-Nitrosodimethylamine

Concen: 2.55 ng

RT: 2.60 min Scan# 80

Delta R.T. 0.08 min

Lab File: BF083389.D

Acq: 1 Dec 2015 23:29

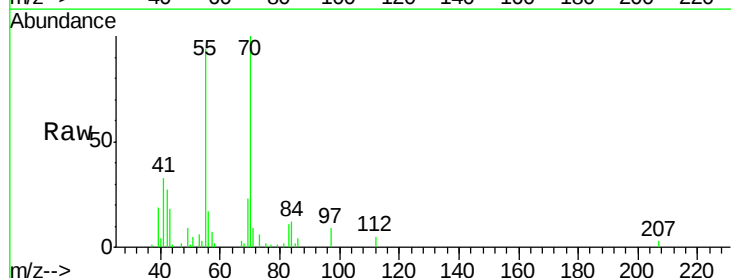
Tgt Ion: 42 Resp: 19001

Ion Ratio Lower Upper

42 100

74 0.0 93.7 140.5#

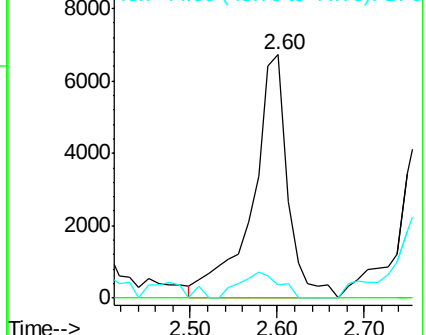
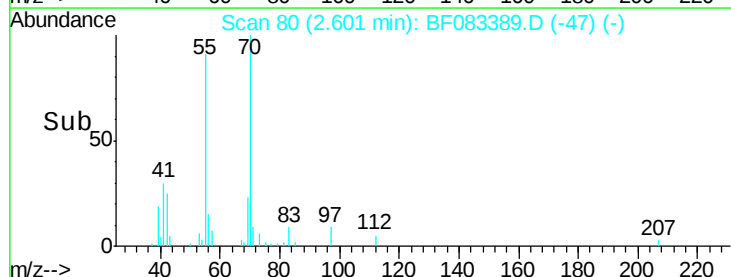
44 5.2 5.6 8.4#

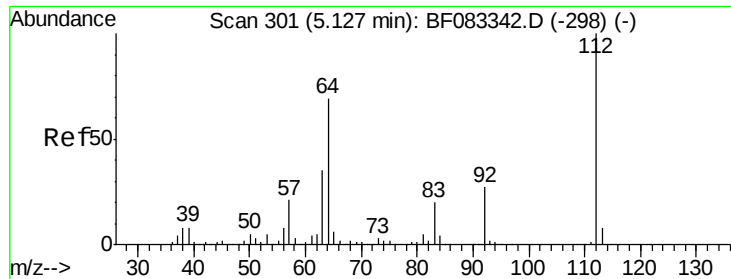


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.82 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083389.D

Acq: 1 Dec 2015 23:29

Instrument :

BNA_F

ClientSampled :

TP2(4-6)

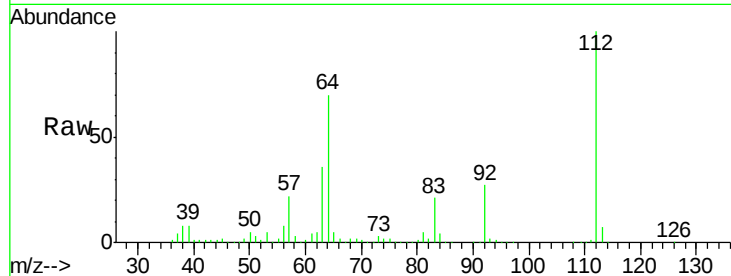
Tgt Ion: 112 Resp: 1218475

Ion Ratio Lower Upper

112 100

64 70.5 55.6 83.4

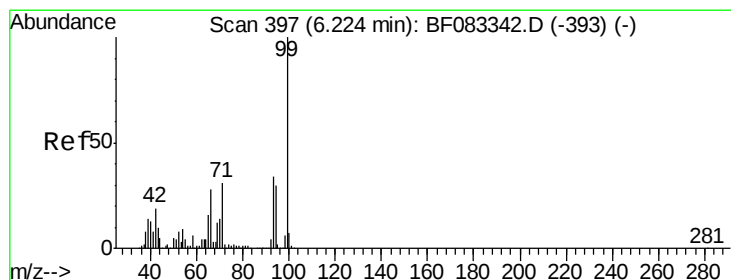
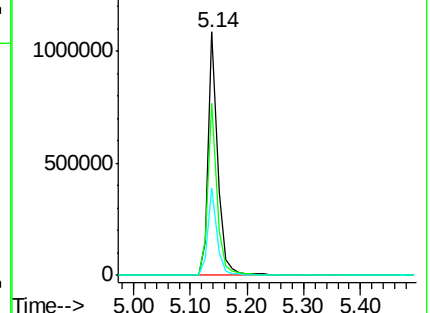
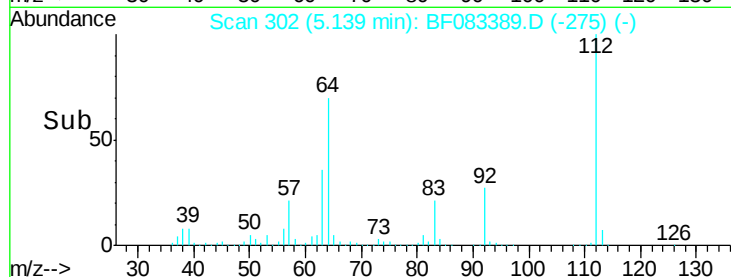
63 35.9 28.2 42.2



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: 121.70 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083389.D

Acq: 1 Dec 2015 23:29

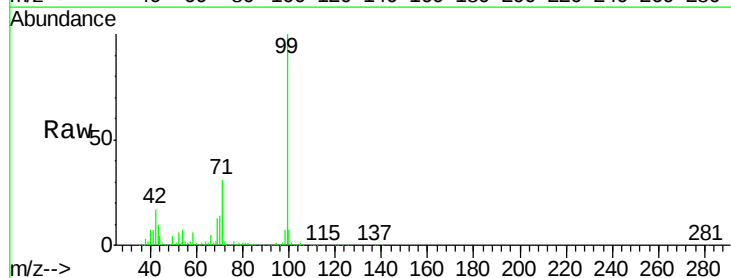
Tgt Ion: 99 Resp: 1865095

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

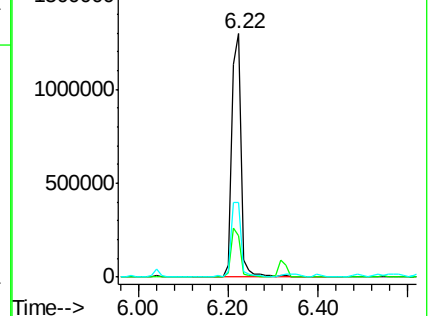
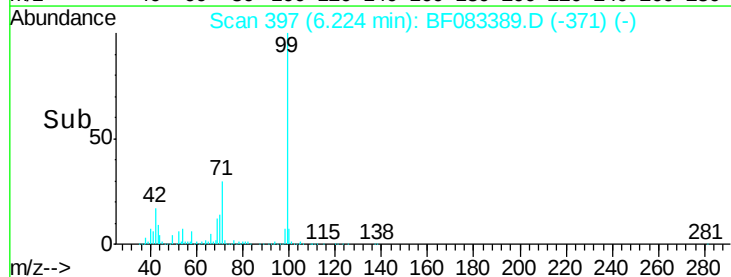
71 30.6 24.7 37.1

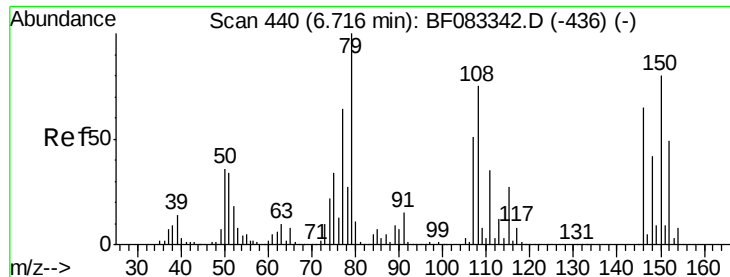


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.70 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF083389.D

Acq: 1 Dec 2015 23:29

Instrument :

BNA_F

ClientSampleId :

TP2(4-6)

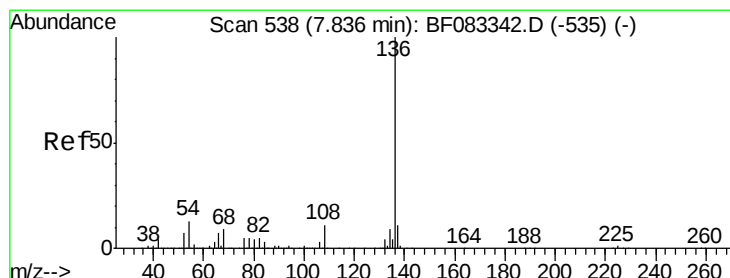
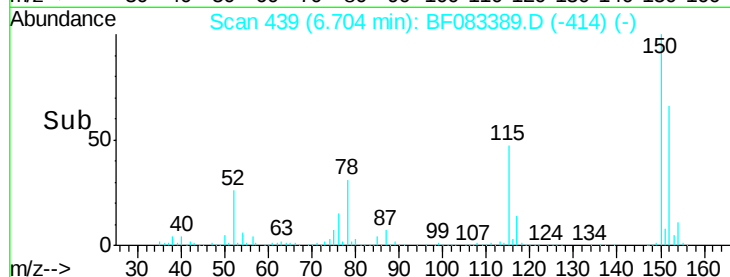
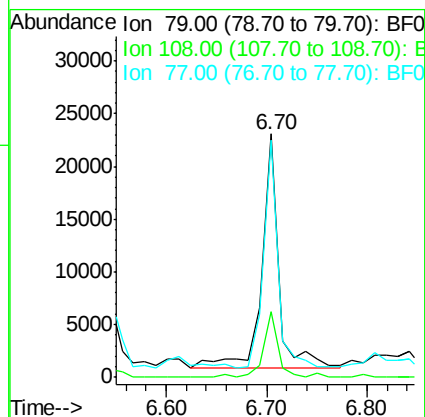
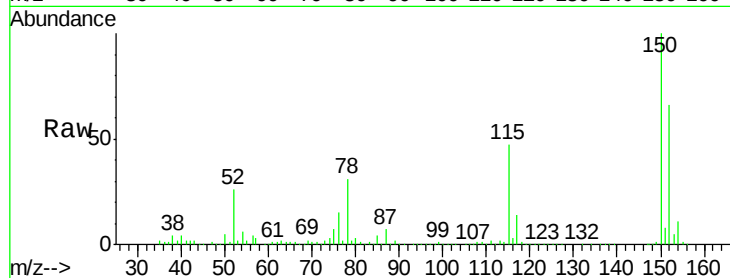
Tgt Ion: 79 Resp: 25926

Ion Ratio Lower Upper

79 100

108 27.1 59.9 89.9#

77 97.7 51.0 76.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083389.D

Acq: 1 Dec 2015 23:29

Tgt Ion: 136 Resp: 654833

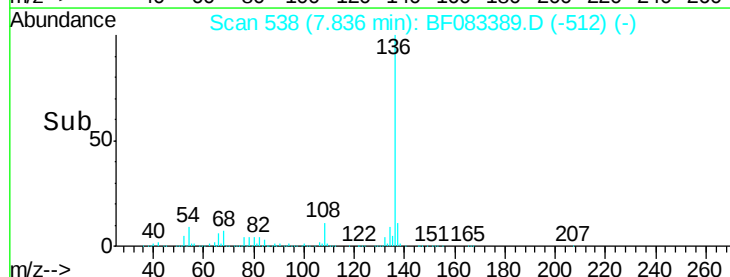
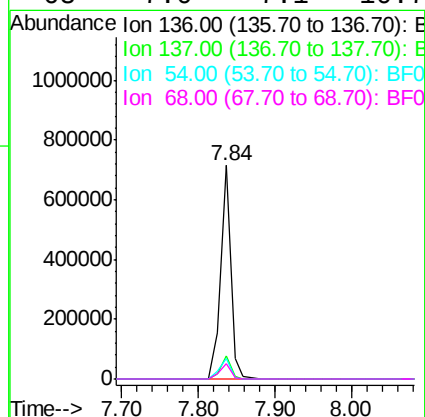
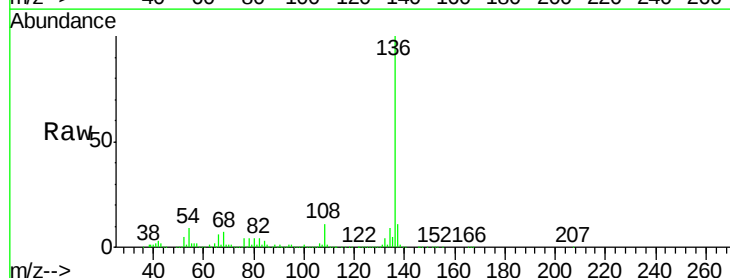
Ion Ratio Lower Upper

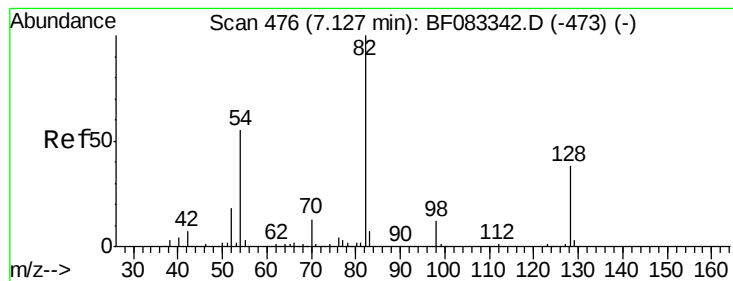
136 100

137 11.0 9.0 13.4

54 9.5 10.1 15.1#

68 7.0 7.1 10.7#





#23

Nitrobenzene-d5

Concen: 77.46 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083389.D

Acq: 1 Dec 2015 23:29

Instrument :

BNA_F

ClientSampleId :

TP2(4-6)

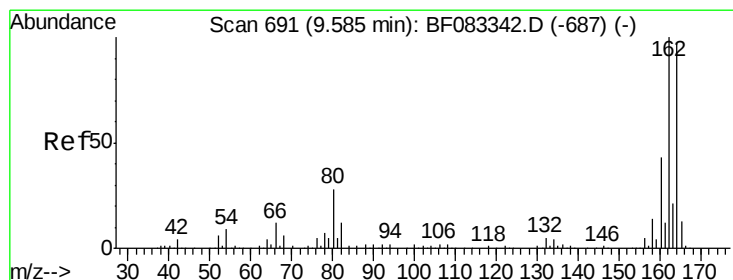
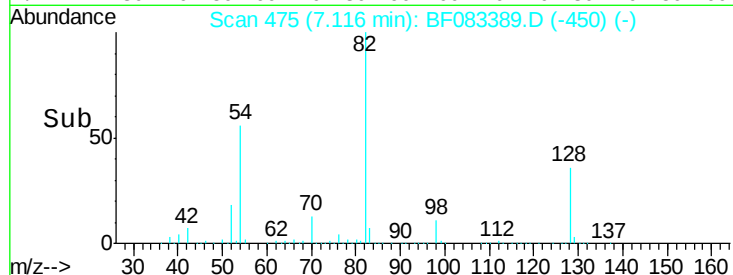
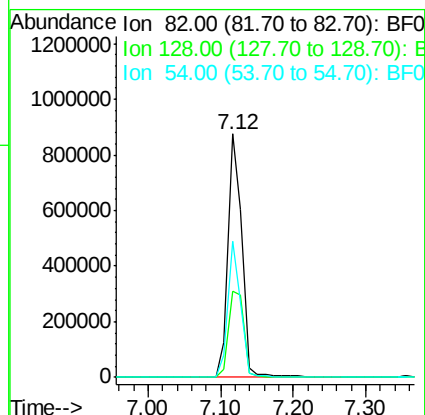
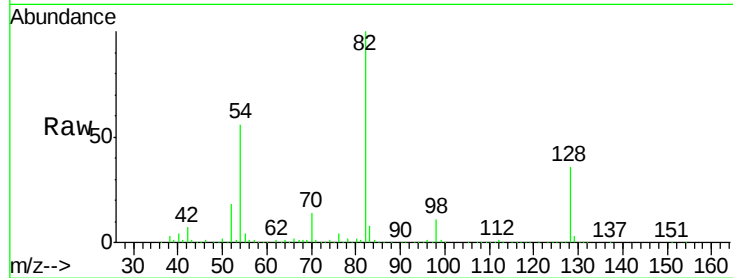
Tgt Ion: 82 Resp: 1153895

Ion Ratio Lower Upper

82 100

128 35.5 30.6 46.0

54 55.9 43.8 65.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083389.D

Acq: 1 Dec 2015 23:29

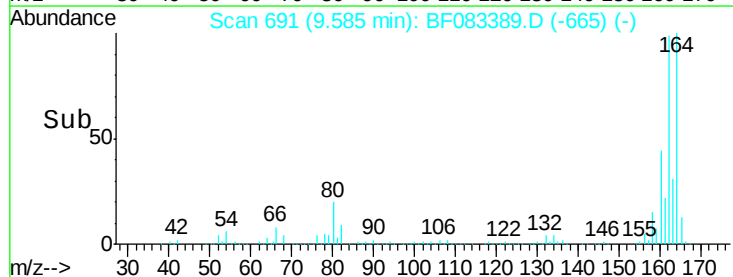
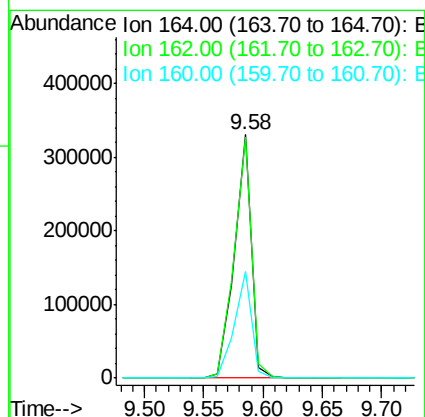
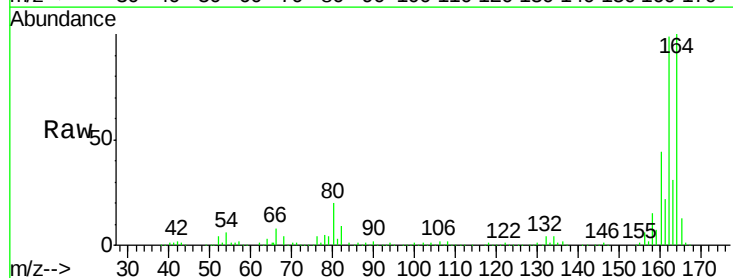
Tgt Ion: 164 Resp: 328845

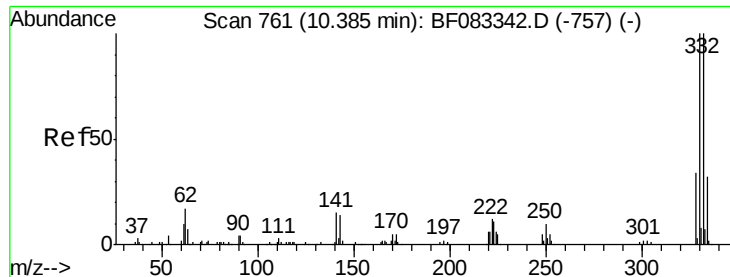
Ion Ratio Lower Upper

164 100

162 99.2 82.6 123.8

160 44.0 35.3 52.9

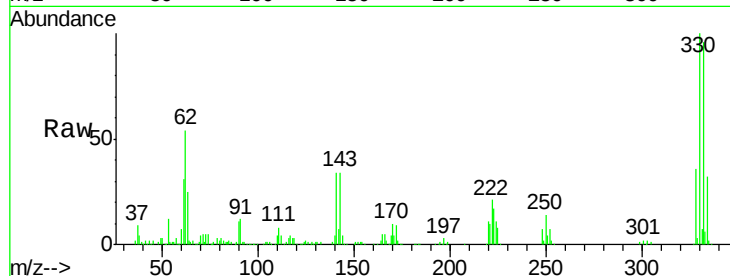




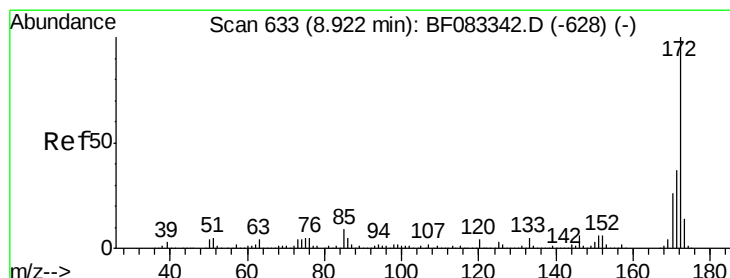
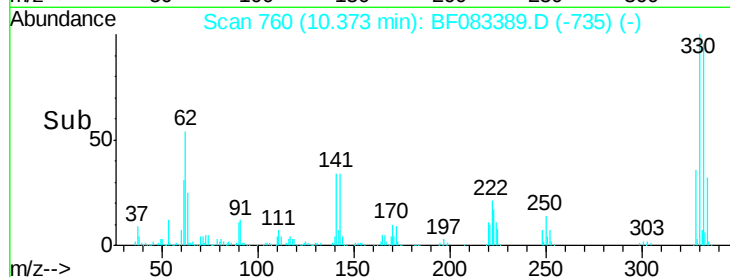
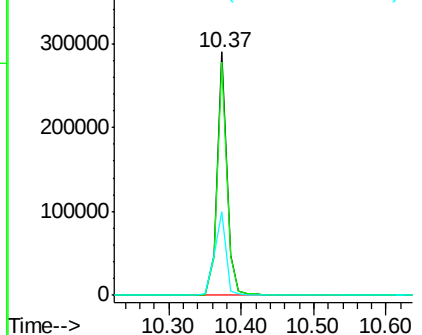
#41
 2,4,6-Tribromophenol
 Concen: 82.99 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083389.D
 Acq: 1 Dec 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :
 TP2(4-6)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.8	116.6
141	39.7	29.4	44.0

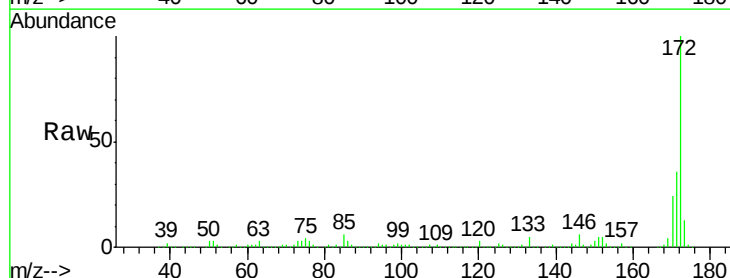


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

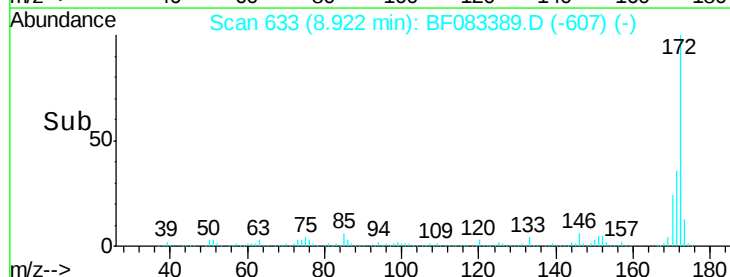
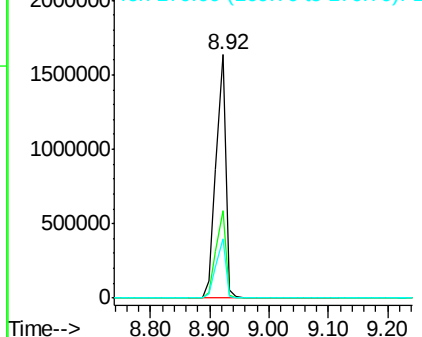


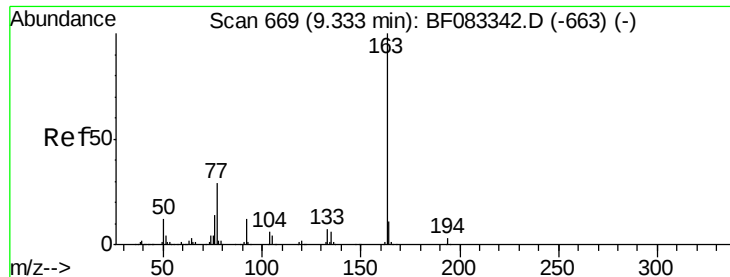
#44
 2-Fluorobiphenyl
 Concen: 80.09 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083389.D
 Acq: 1 Dec 2015 23:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.4	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

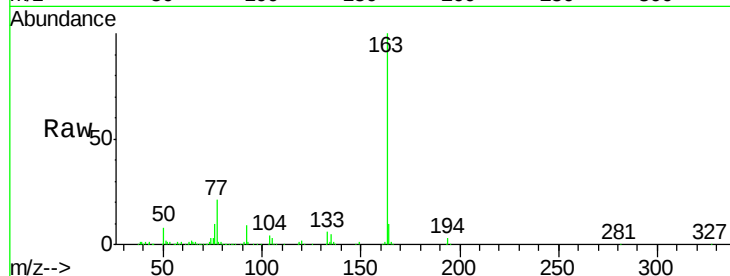




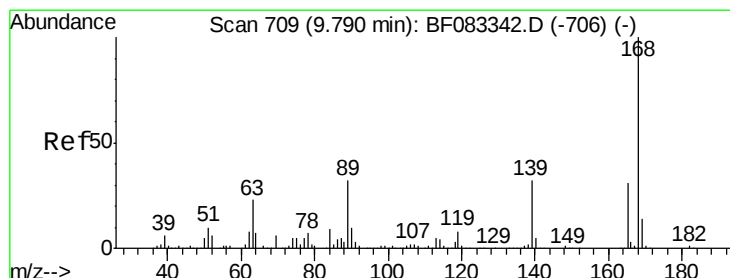
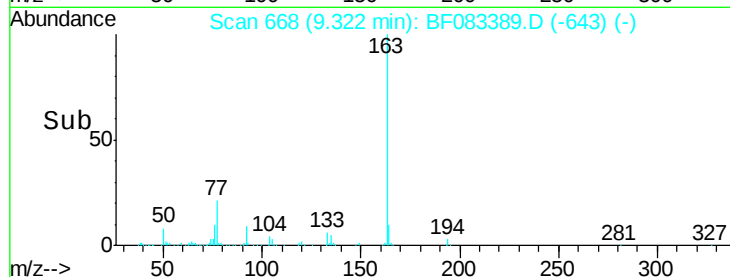
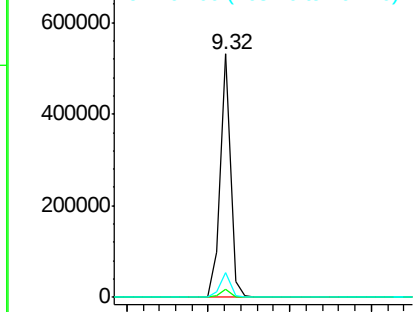
#49
Dimethylphthalate
Concen: 17.40 ng
RT: 9.32 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

Instrument :
BNA_F
ClientSampleId :
TP2(4-6)

Tgt Ion:163 Resp: 465128
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.8 13.2

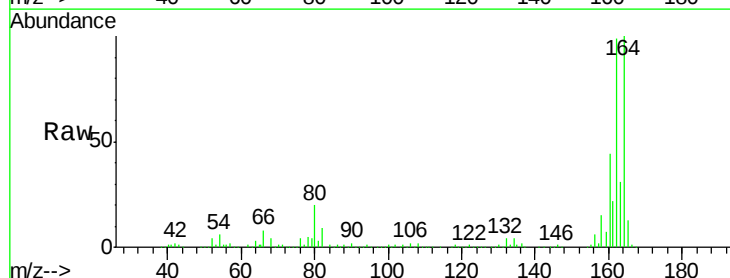


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

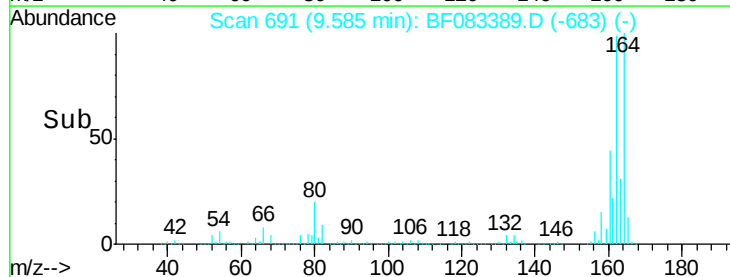
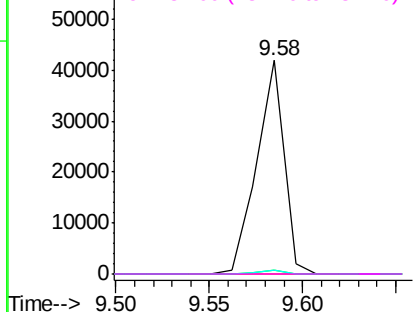


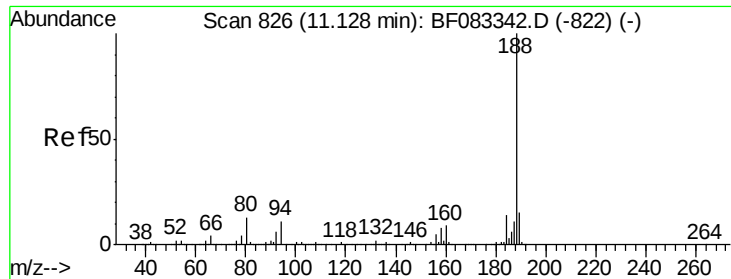
#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.21 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

Tgt Ion:165 Resp: 42381
Ion Ratio Lower Upper
165 100
63 1.7 65.4 98.0#
89 2.1 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

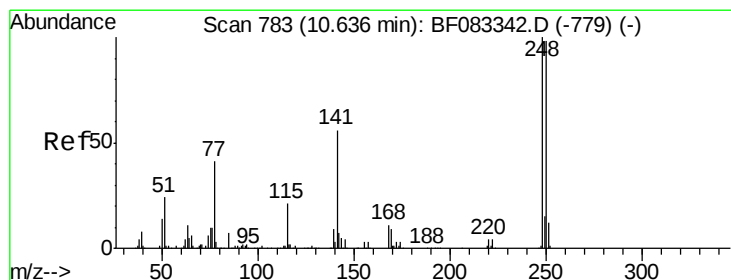
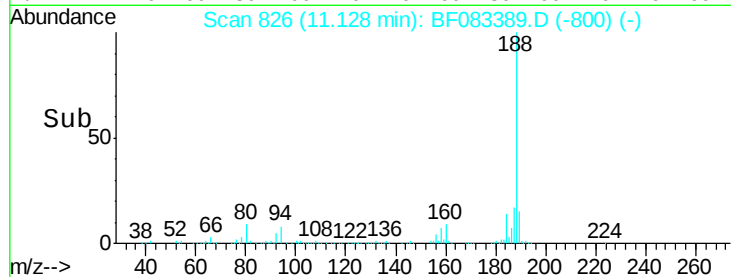
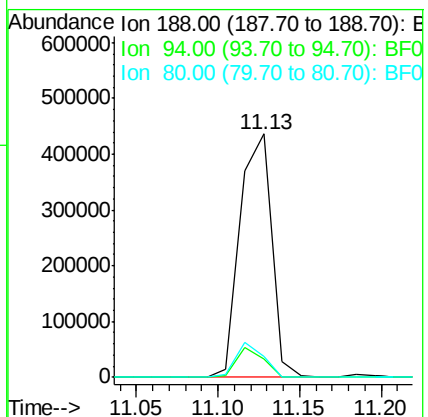
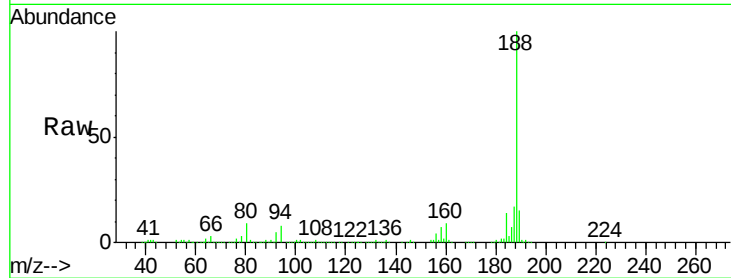




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

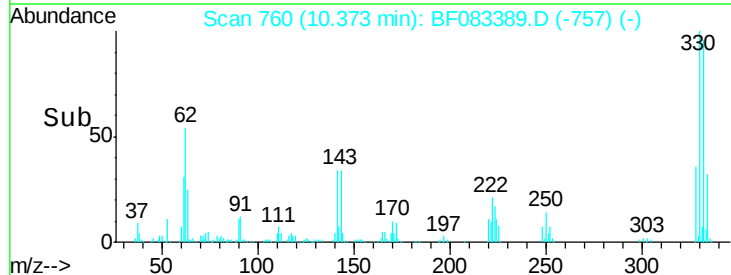
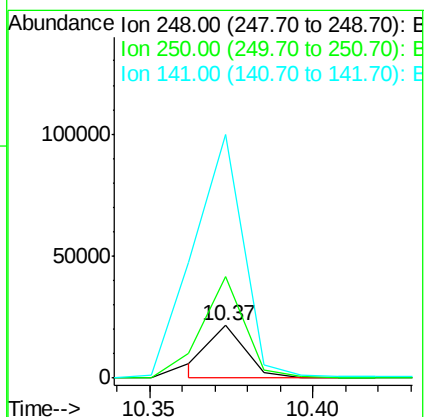
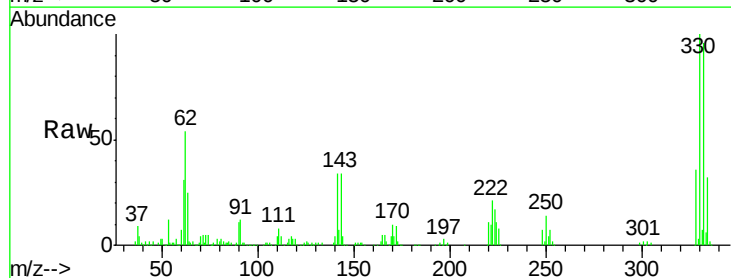
Instrument :
BNA_F
ClientSampleId :
TP2(4-6)

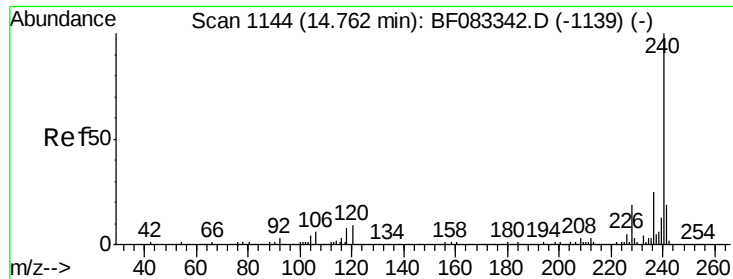
Tgt Ion:188 Resp: 587790
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.8 10.3 15.5#



#66
4-Bromophenyl-phenylether
Concen: 2.54 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.26 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

Tgt Ion:248 Resp: 16338
Ion Ratio Lower Upper
248 100
250 191.4 78.6 118.0#
141 461.6 44.4 66.6#

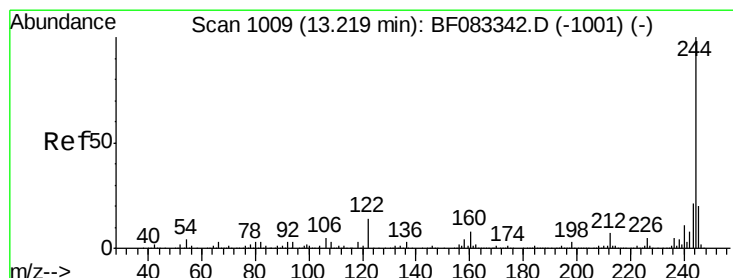
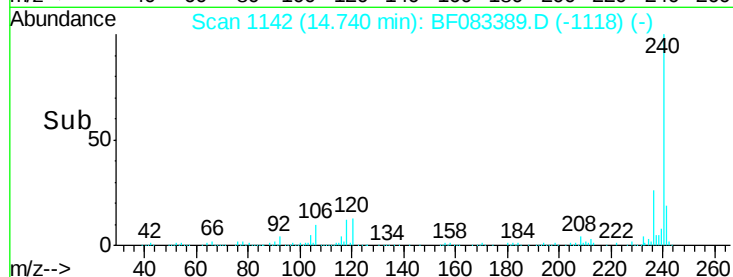
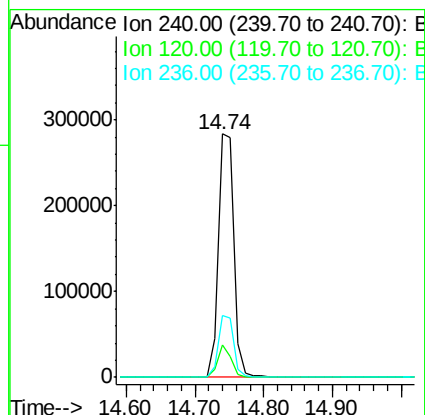
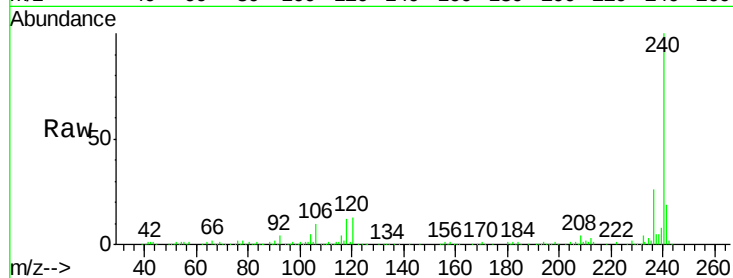




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

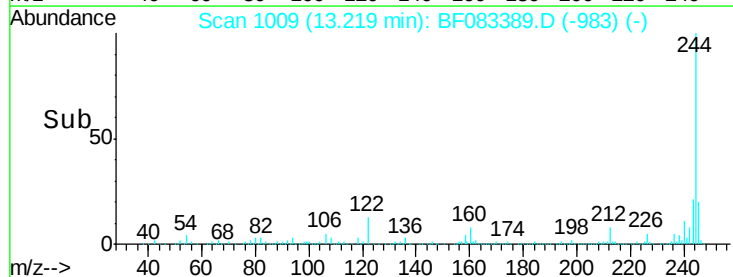
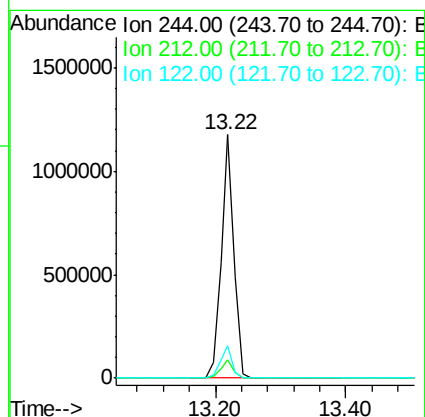
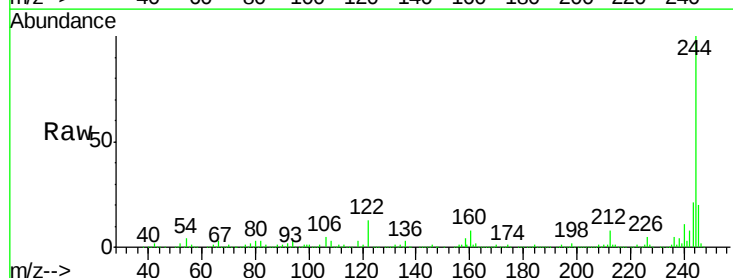
Instrument :
BNA_F
ClientSampleId :
TP2(4-6)

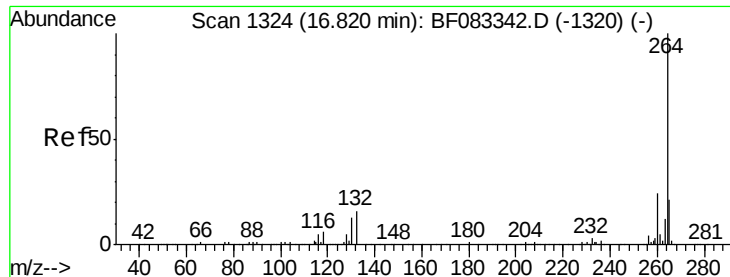
Tgt Ion:240 Resp: 453965
Ion Ratio Lower Upper
240 100
120 13.4 6.9 10.3#
236 25.6 19.8 29.6



#78
Terphenyl-d14
Concen: 83.97 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

Tgt Ion:244 Resp: 1598426
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 13.2 11.0 16.4

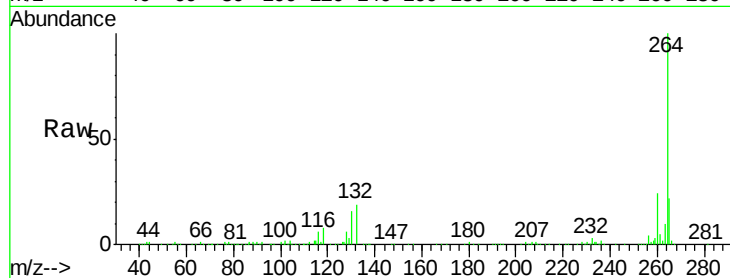




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

Instrument :
BNA_F
ClientSampleId :
TP2(4-6)

Tgt Ion: 264 Resp: 357019
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 22.2 16.8 25.2



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

