

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
 Data File : BF082891.D
 Acq On : 11 Nov 2015 1:36
 Operator : UM/IZ
 Sample : G4349-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 02

Quant Time: Nov 13 17:39:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

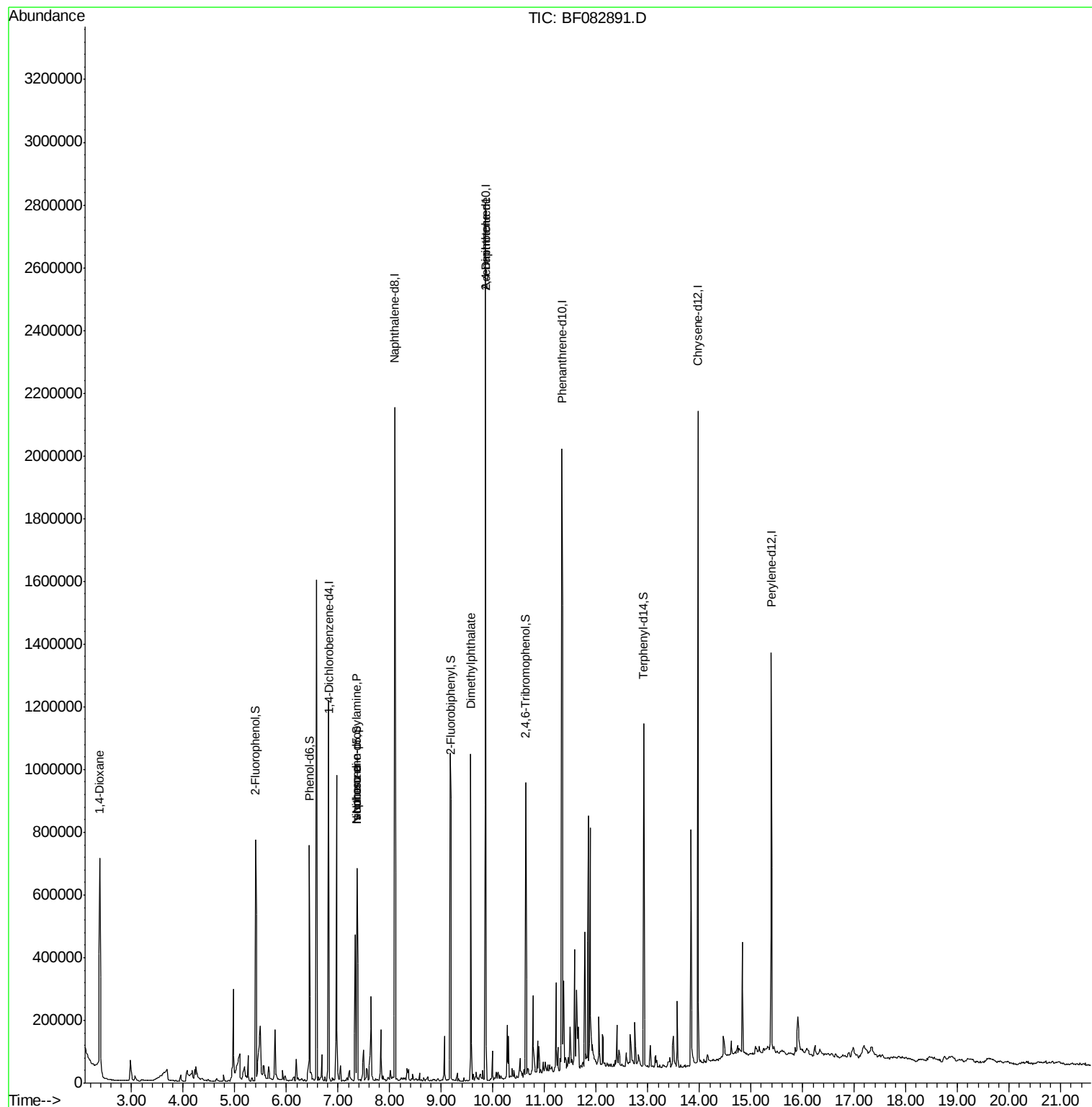
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	258163	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	969668	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	572153	20.00	ng	-0.03
63) Phenanthrene-d10	11.33	188	933519	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	677145	20.00	ng	-0.05
86) Perylene-d12	15.39	264	603379	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	261376	15.75	ng	-0.05
7) Phenol-d6	6.44	99	263280	11.94	ng	-0.03
23) Nitrobenzene-d5	7.37	82	274385	12.31	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	99844	15.22	ng	-0.04
44) 2-Fluorobiphenyl	9.18	172	437287	10.95	ng	-0.03
78) Terphenyl-d14	12.92	244	312416	10.94	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	2.38	88	48320	6.75	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	34240	2.11	ng	# 72
25) Isophorone	7.37	82	262200	6.36	ng	# 69
49) Dimethylphthalate	9.57	163	371050	7.92	ng	99
56) 2,4-Dinitrotoluene	9.86	165	72655	5.35	ng	# 15

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111015\
Data File : BF082891.D
Acq On : 11 Nov 2015 1:36
Operator : UM/IZ
Sample : G4349-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
02

Quant Time: Nov 13 17:39:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082891.D

Acq: 11 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

02

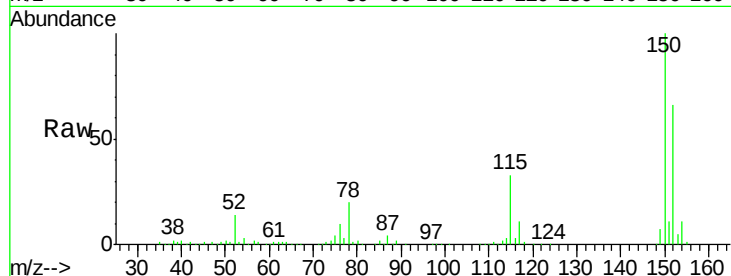
Tgt Ion:152 Resp: 258163

Ion Ratio Lower Upper

152 100

150 150.4 127.0 190.4

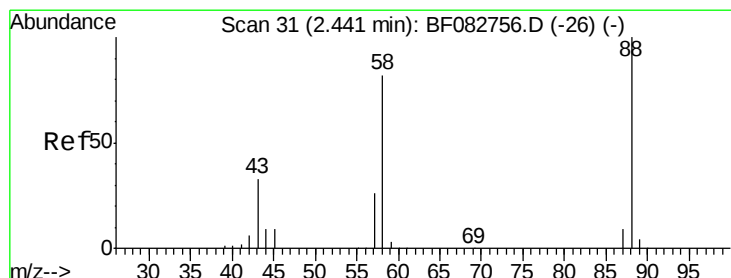
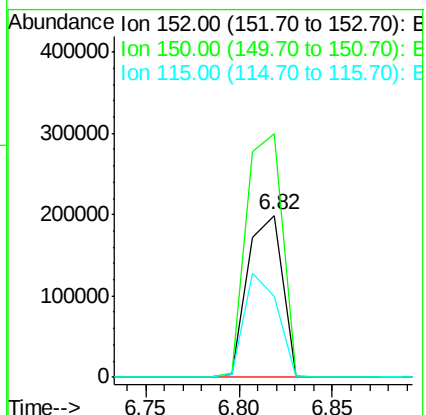
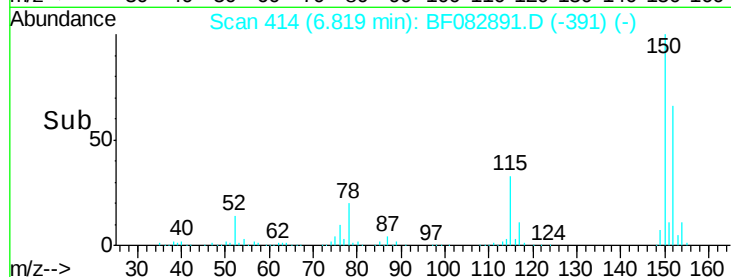
115 50.3 47.0 70.6



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



#2

1,4-Dioxane

Concen: 6.75 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.06 min

Lab File: BF082891.D

Acq: 11 Nov 2015 1:36

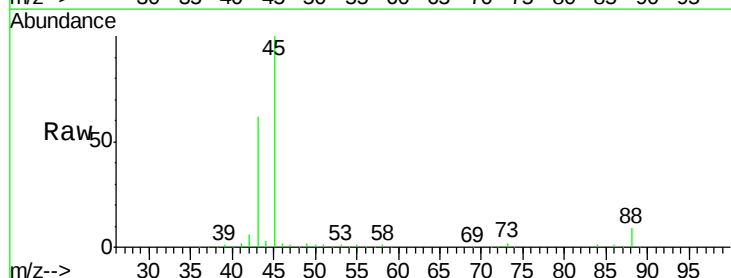
Tgt Ion: 88 Resp: 48320

Ion Ratio Lower Upper

88 100

58 12.0 62.0 93.0#

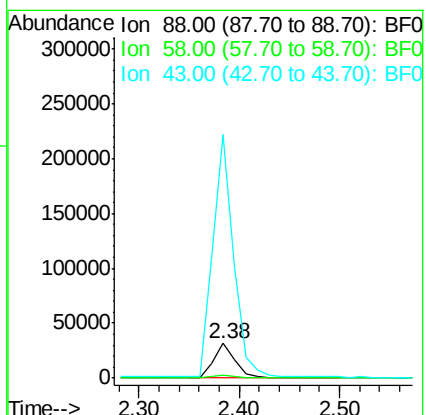
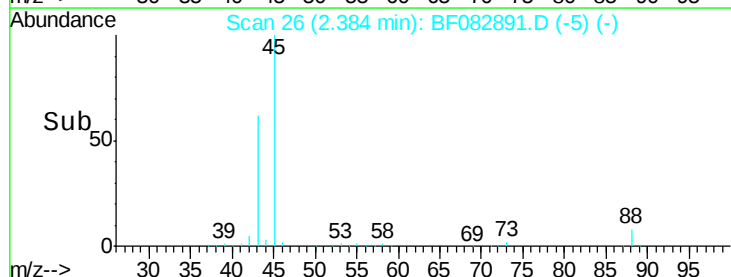
43 663.0 26.6 40.0#

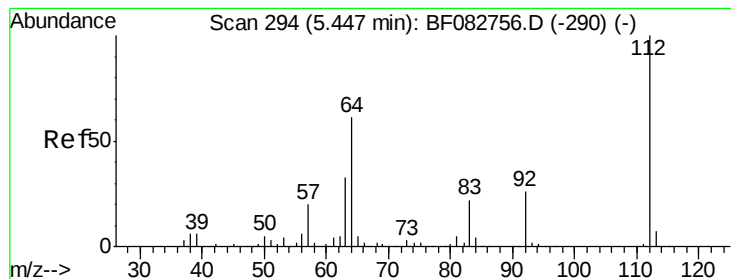


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 15.75 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082891.D

Acq: 11 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

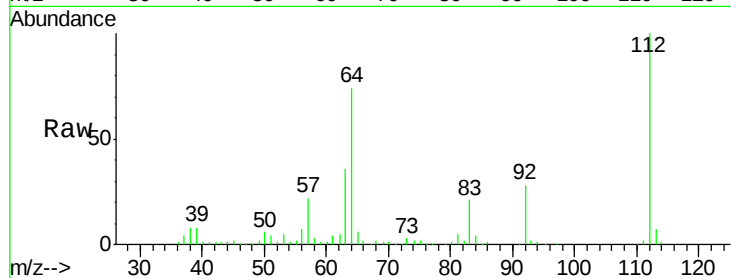
02

Tgt Ion: 112 Resp: 261376
Ion Ratio Lower Upper

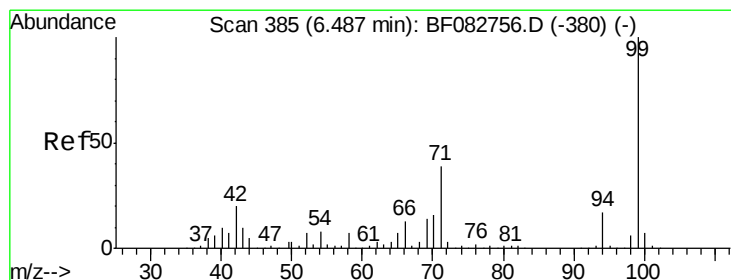
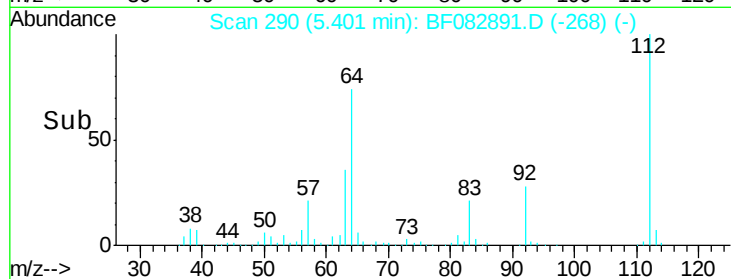
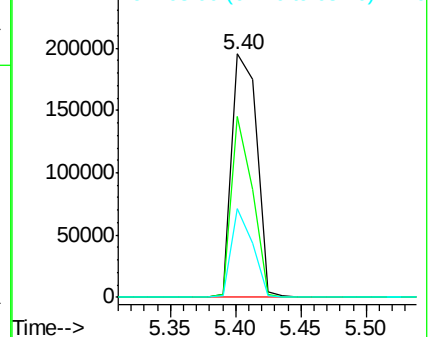
112 100

64 74.5 48.9 73.3#

63 36.2 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 11.94 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082891.D

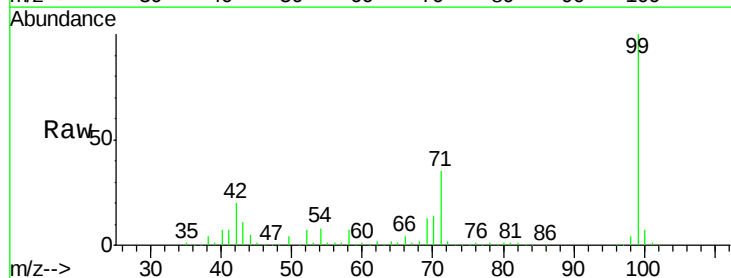
Acq: 11 Nov 2015 1:36

Tgt Ion: 99 Resp: 263280
Ion Ratio Lower Upper

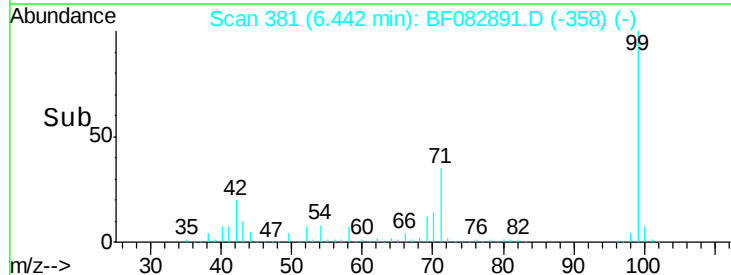
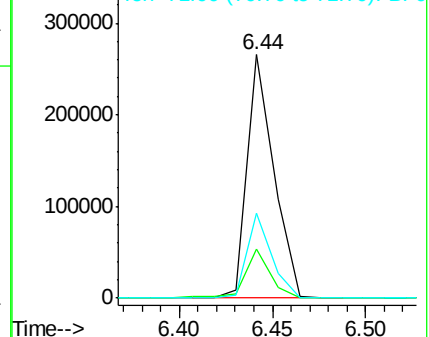
99 100

42 20.4 19.2 28.8

71 34.8 35.0 52.4#



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

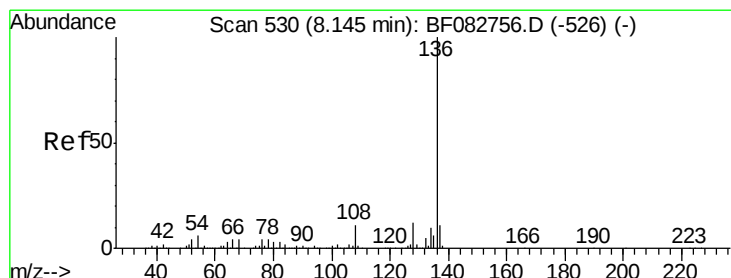
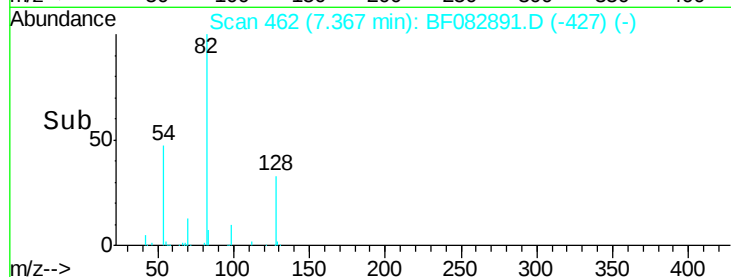
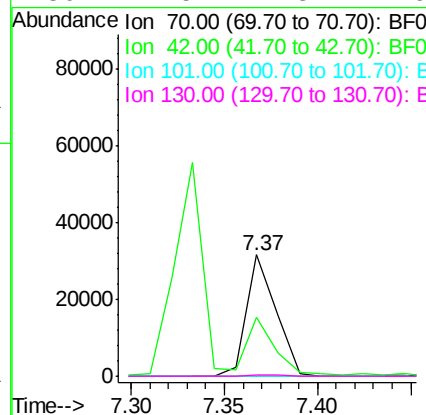
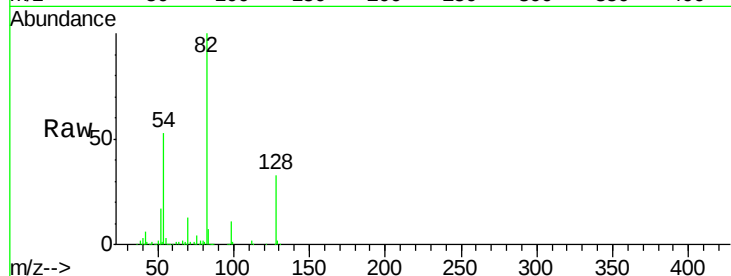




#19
n-Nitroso-di-n-propylamine
Concen: 2.11 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.10 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

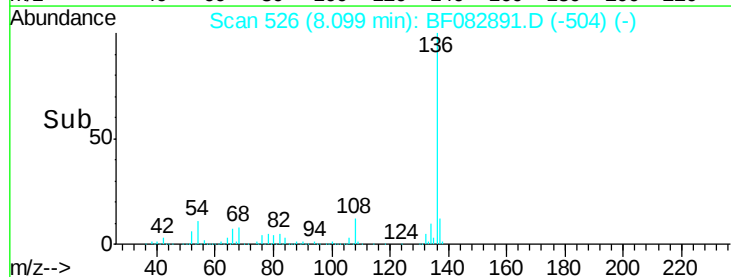
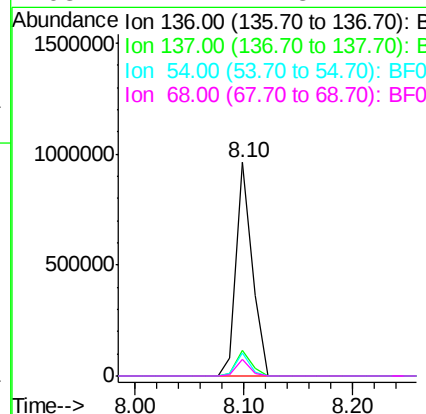
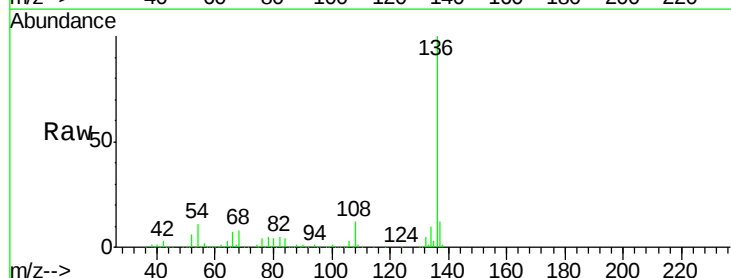
Instrument :
BNA_F
ClientSampleId :
02

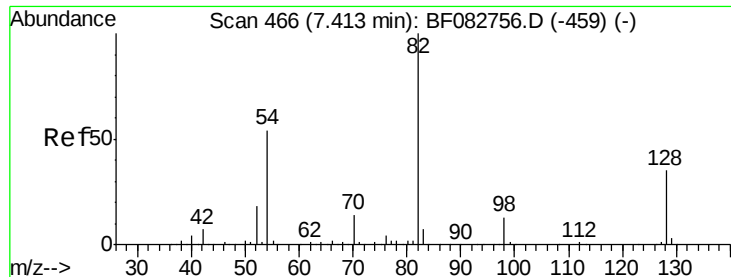
Tgt Ion:	70	Resp:	34240
Ion	Ratio	Lower	Upper
70	100		
42	49.1	57.7	86.5#
101	0.0	7.0	10.6#
130	1.5	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

Tgt Ion:	136	Resp:	969668
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.8	9.1	13.7
68	7.7	4.8	7.2#

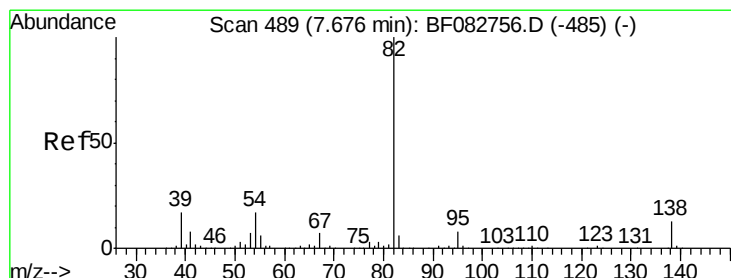
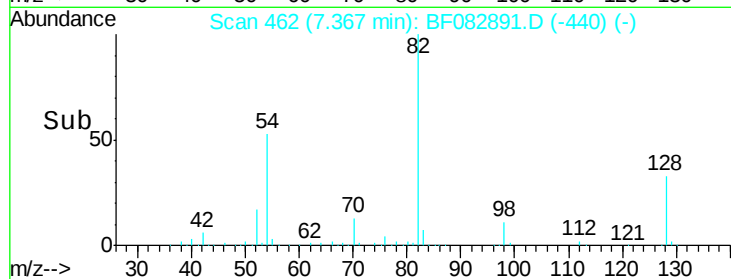
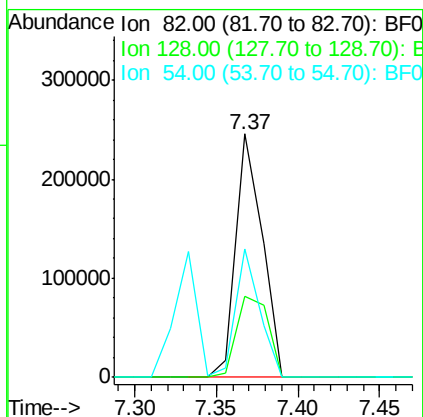
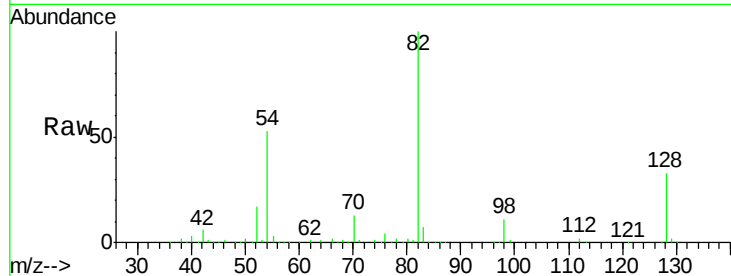




#23
Nitrobenzene-d5
Concen: 12.31 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.04 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

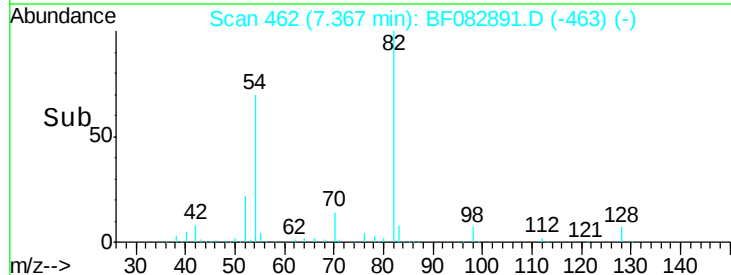
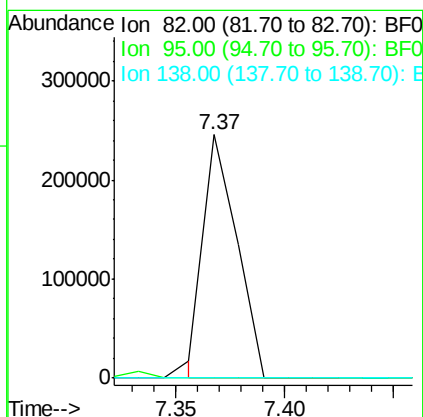
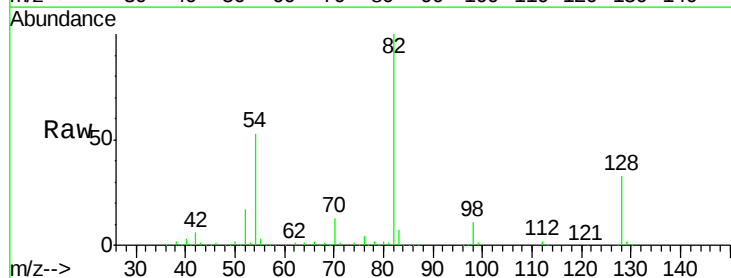
Instrument :
BNA_F
ClientSampleId :
02

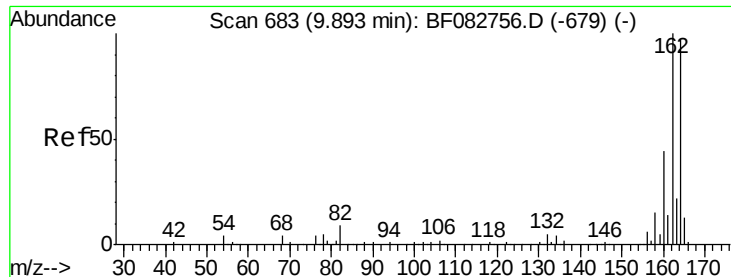
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	26.8	40.2
54	52.9	45.7	68.5



#25
Isophorone
Concen: 6.36 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF082891.D

Acq: 11 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

02

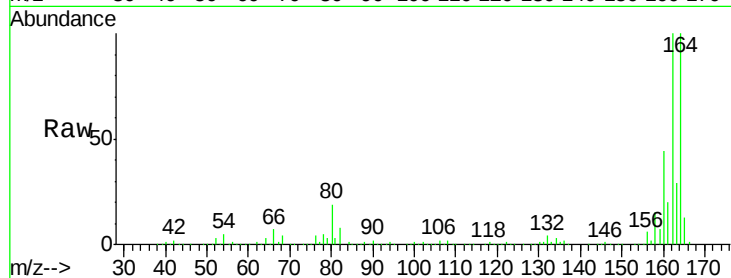
Tgt Ion:164 Resp: 572153

Ion Ratio Lower Upper

164 100

162 100.1 84.9 127.3

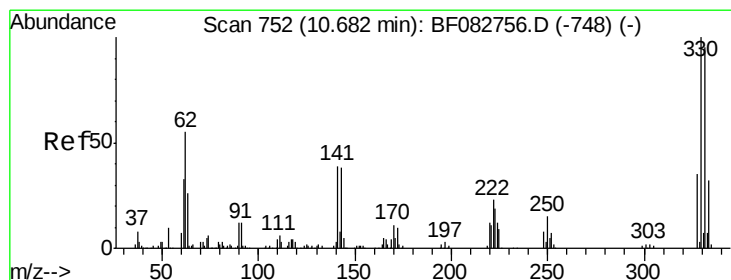
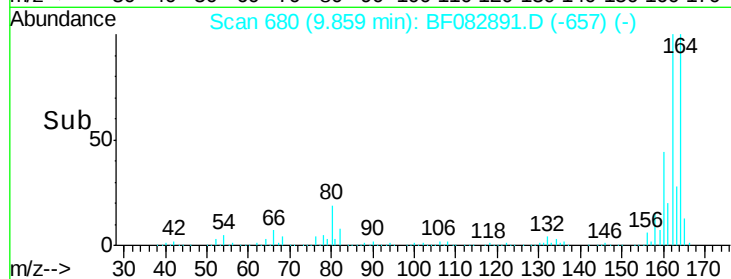
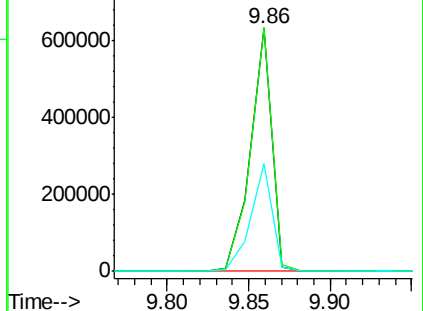
160 44.2 37.5 56.3



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: 15.22 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.04 min

Lab File: BF082891.D

Acq: 11 Nov 2015 1:36

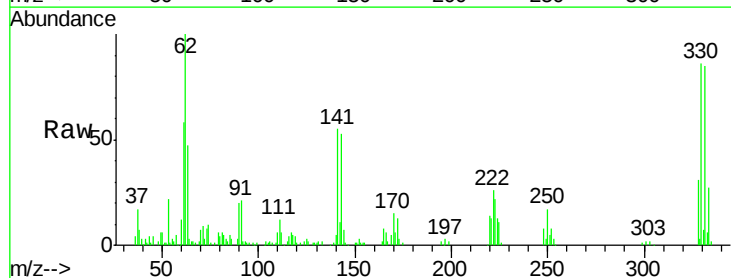
Tgt Ion:330 Resp: 99844

Ion Ratio Lower Upper

330 100

332 99.4 76.6 114.8

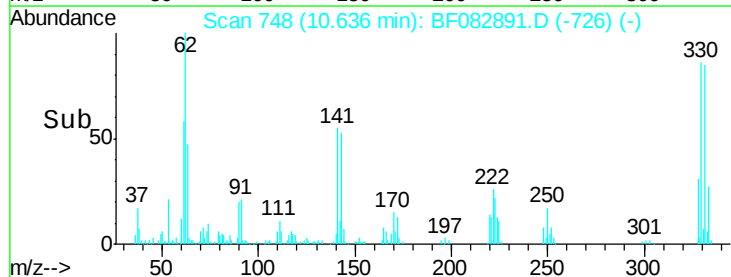
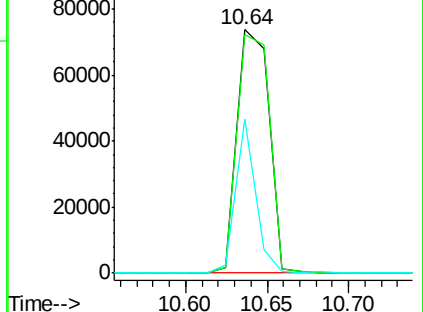
141 39.2 41.2 61.8#

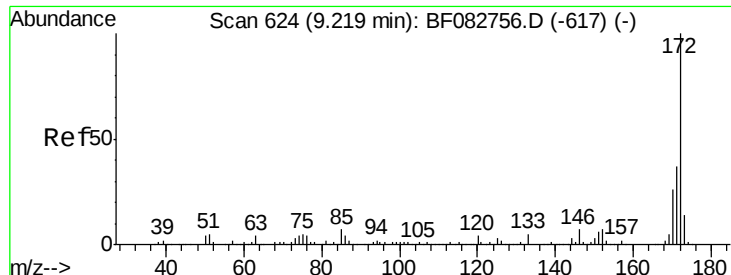


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

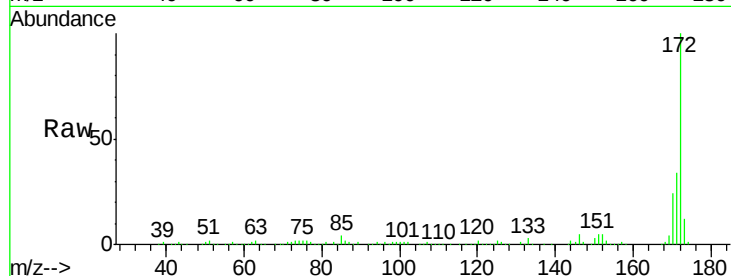




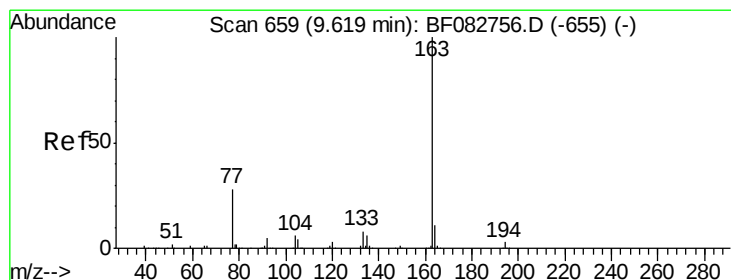
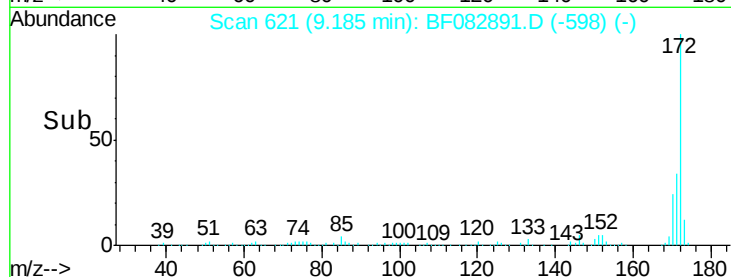
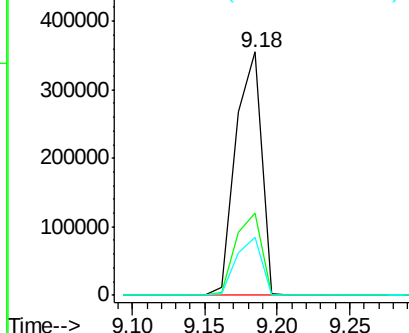
#44
2-Fluorobiphenyl
Concen: 10.95 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

Instrument :
BNA_F
ClientSampleId :
02

Tgt Ion:172 Resp: 437287
Ion Ratio Lower Upper
172 100
171 34.0 30.8 46.2
170 23.6 21.2 31.8

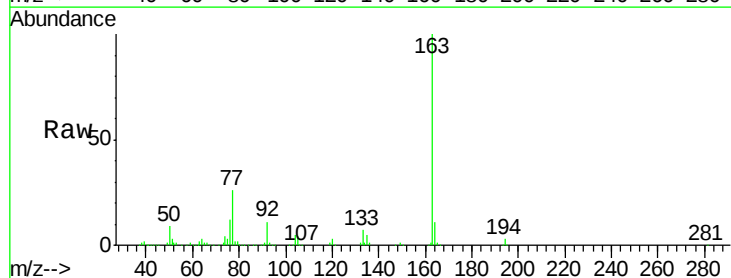


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

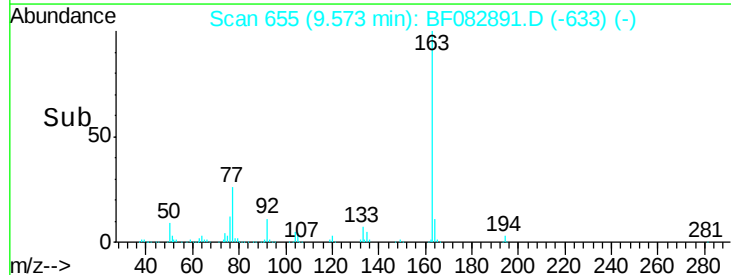
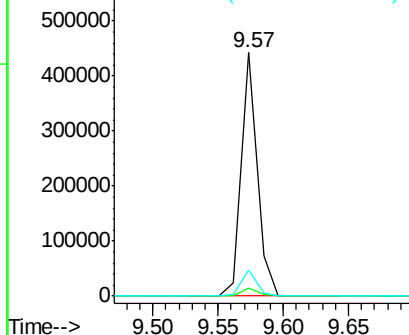


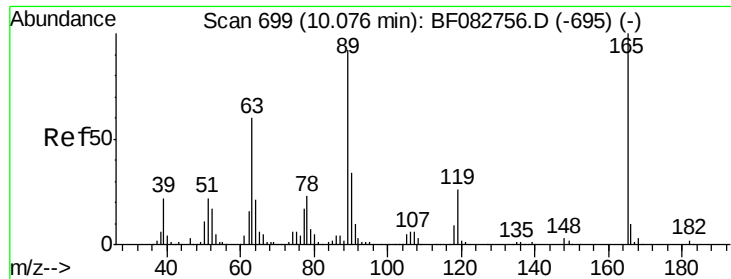
#49
Dimethylphthalate
Concen: 7.92 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

Tgt Ion:163 Resp: 371050
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.7 13.1



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

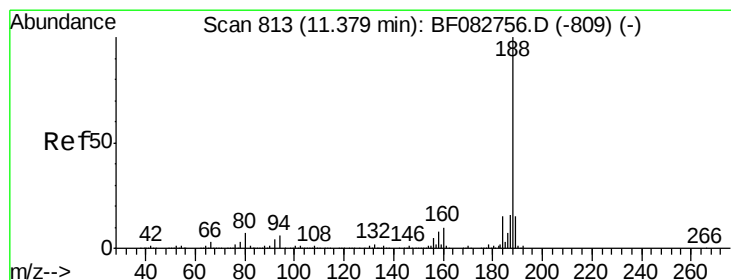
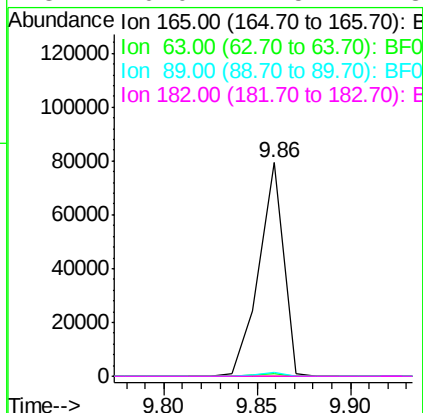
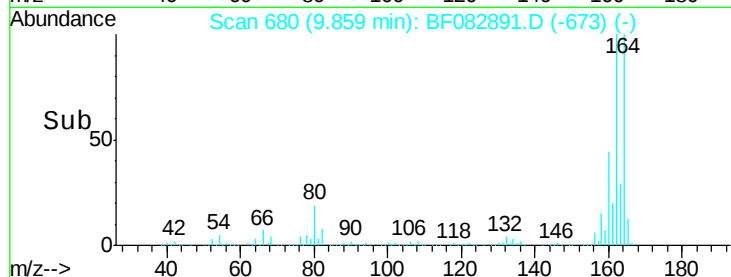
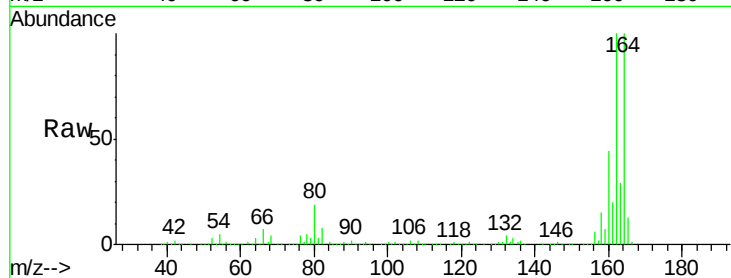




#56
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.22 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

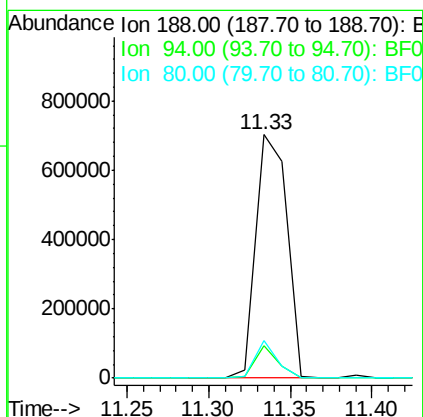
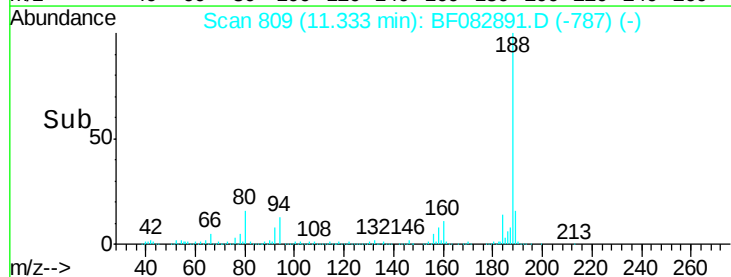
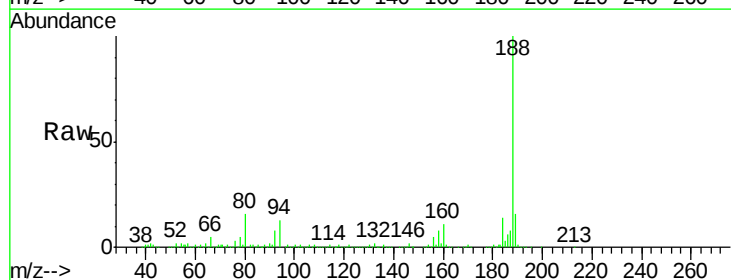
Instrument :
BNA_F
ClientSampleId :
02

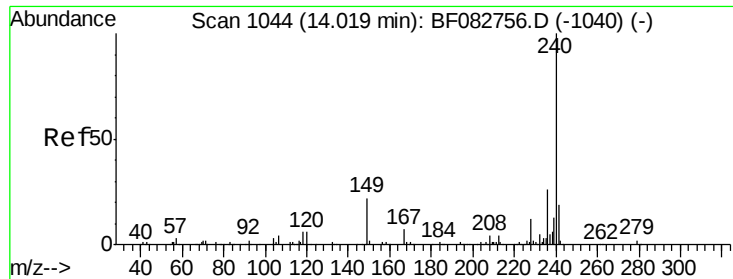
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.7	70.6	106.0#
182	0.0	1.5	2.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.5	6.1	9.1#
80	15.6	7.0	10.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082891.D

Acq: 11 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

02

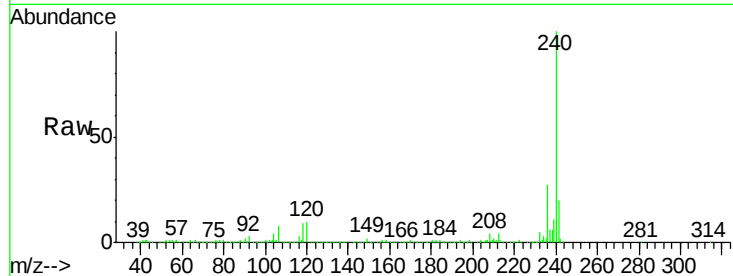
Tgt Ion:240 Resp: 677145

Ion Ratio Lower Upper

240 100

120 10.3 10.9 16.3#

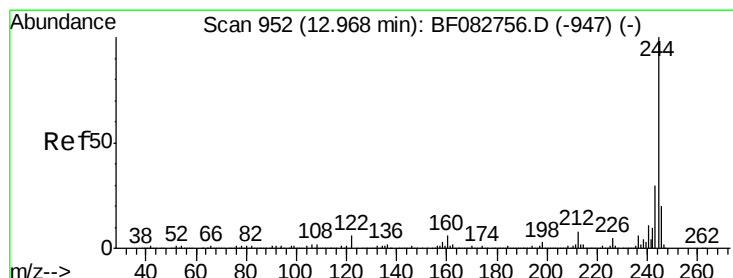
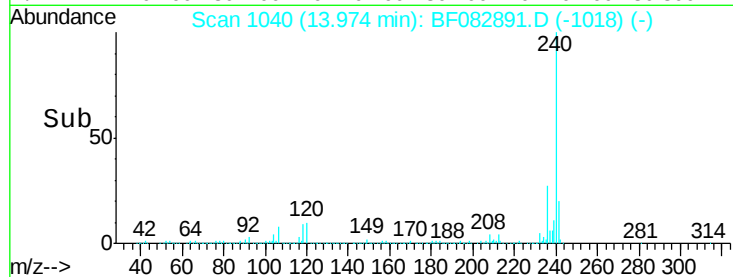
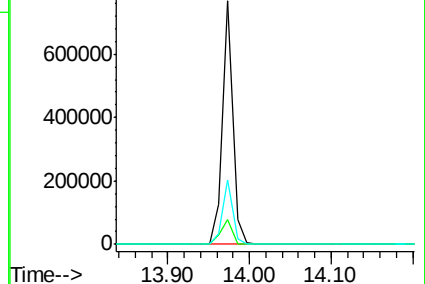
236 26.5 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 10.94 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082891.D

Acq: 11 Nov 2015 1:36

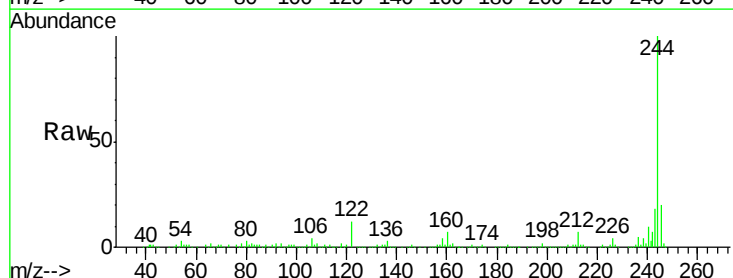
Tgt Ion:244 Resp: 312416

Ion Ratio Lower Upper

244 100

212 7.4 7.6 11.4#

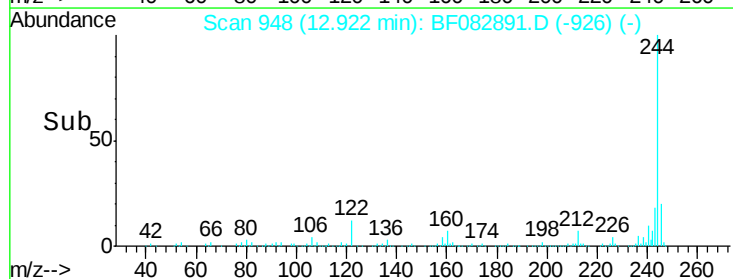
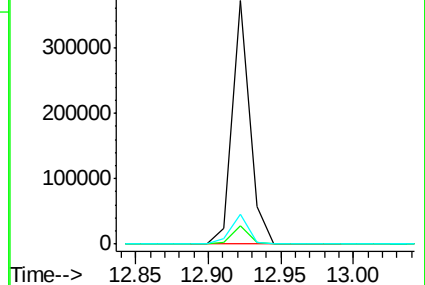
122 12.0 11.3 16.9

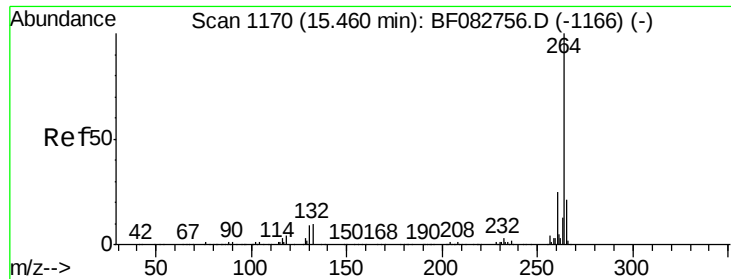


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082891.D
Acq: 11 Nov 2015 1:36

Instrument :
BNA_F
ClientSampleId :
02

Tgt Ion: 264 Resp: 603379

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.8	17.4	26.0

