

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 04:15:04 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

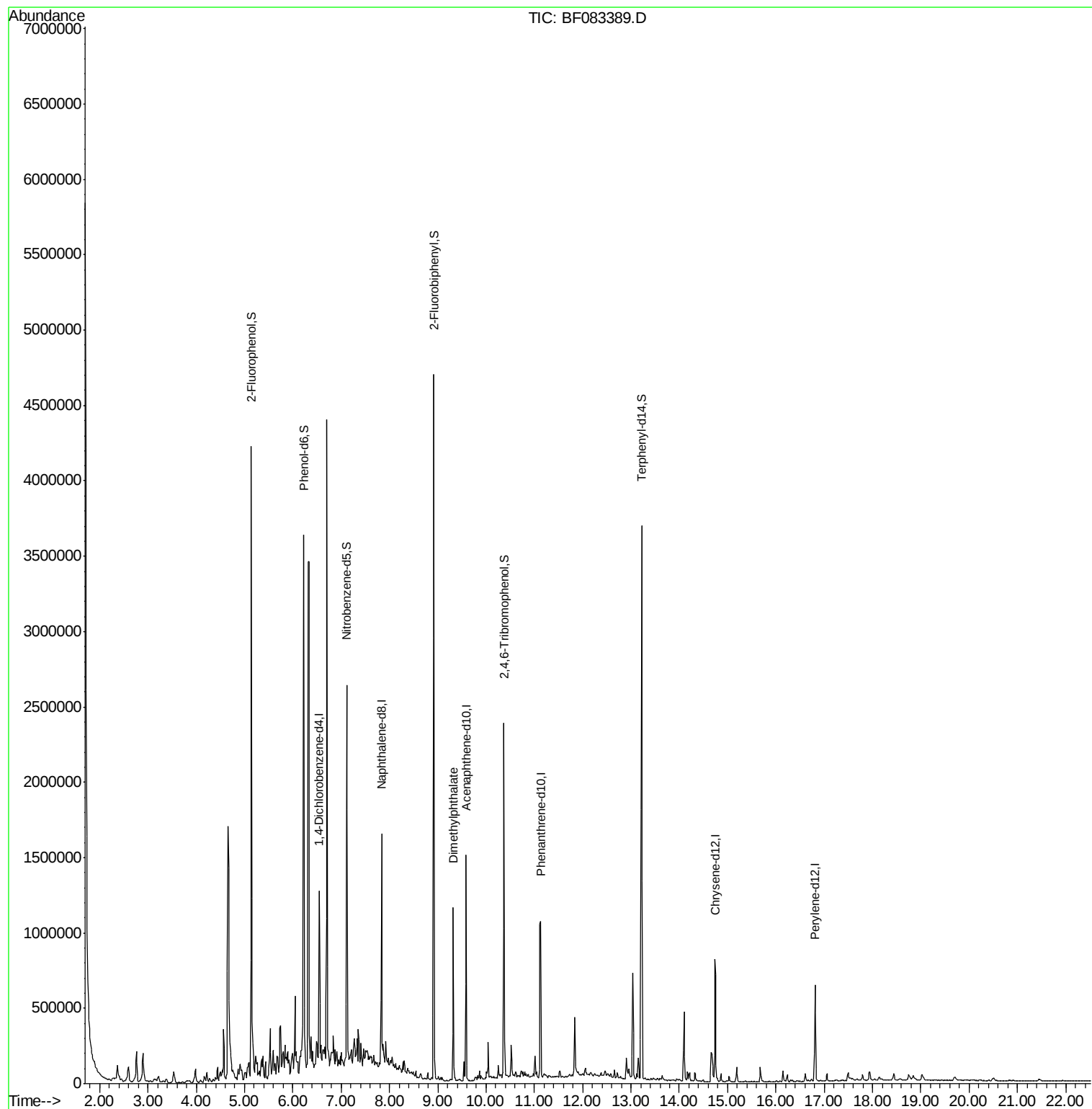
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	168015	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	654833	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	328845	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	587790	20.00	ng	0.00
75) Chrysene-d12	14.74	240	453965	20.00	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						Qvalue
49) Dimethylphthalate	9.32	163	465128	17.40	ng	98

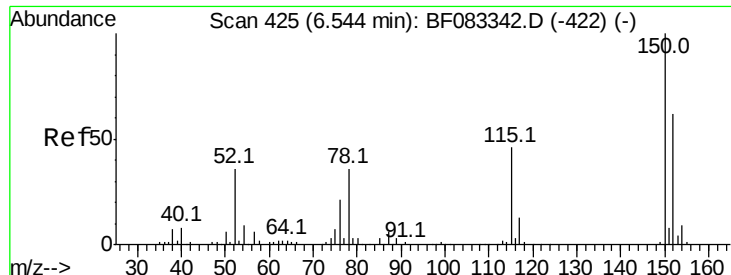
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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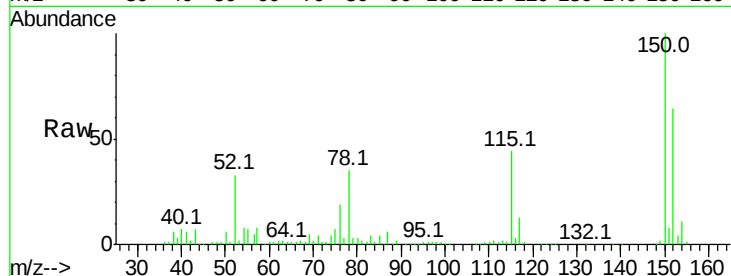


#1

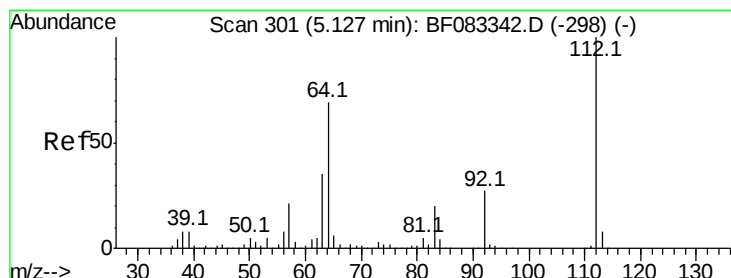
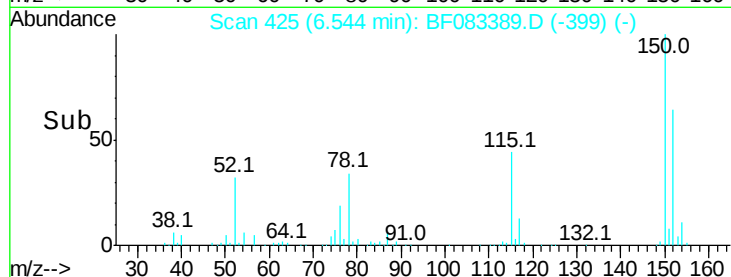
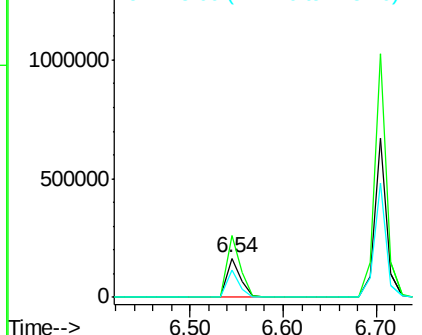
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

Instrument :
BNA_F
ClientSampleId :
TP2(4-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	129.8	194.8
115	70.0	59.2	88.8



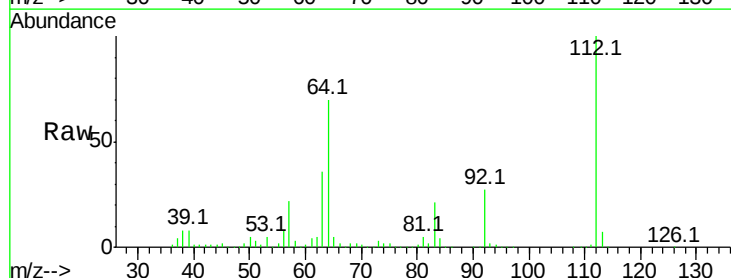
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



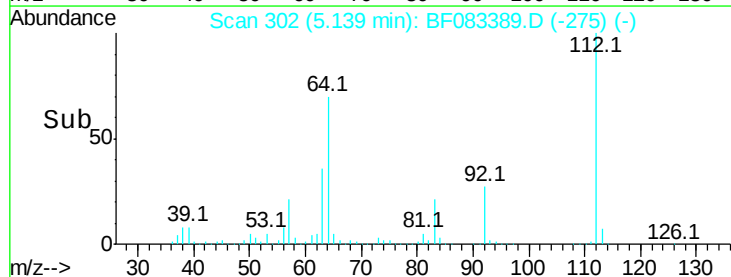
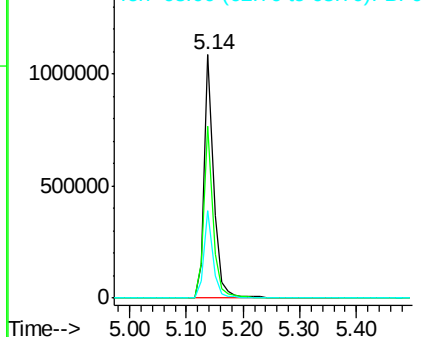
#5

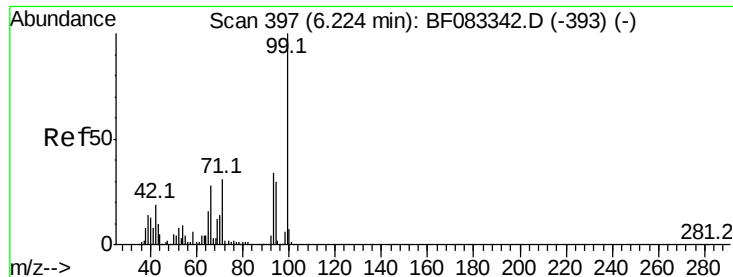
2-Fluorophenol
Concen: 108.82 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083389.D
Acq: 1 Dec 2015 23:29

Tgt 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

Instrument :

BNA_F

ClientSampleId :

TP2(4-6)

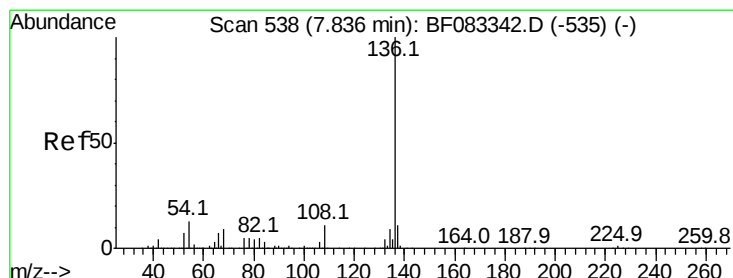
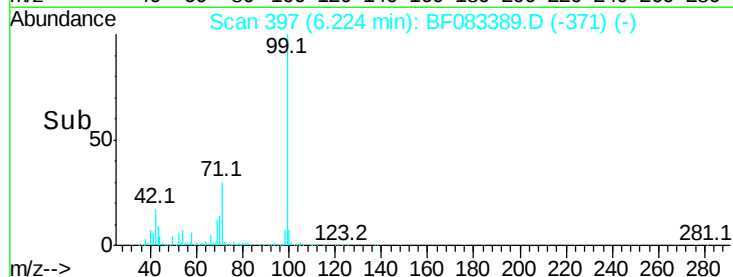
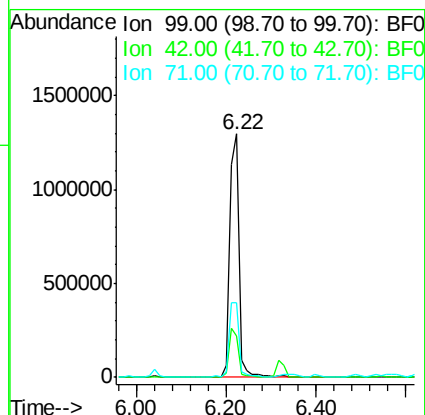
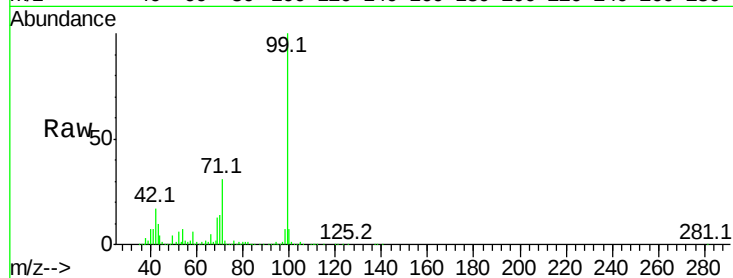
Tot Ion: 99 Resp: 1865095

Ion Ratio Lower Upper

99 100

42 17.2 14.9 22.3

71 30.6 24.7 37.1



#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

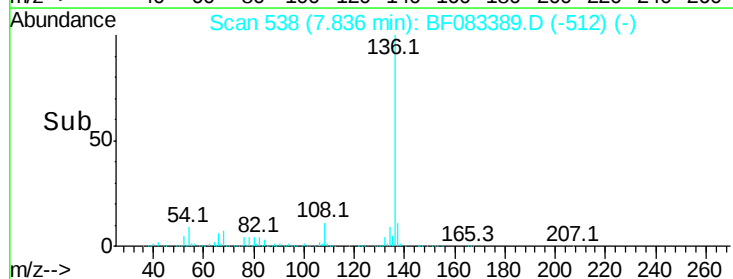
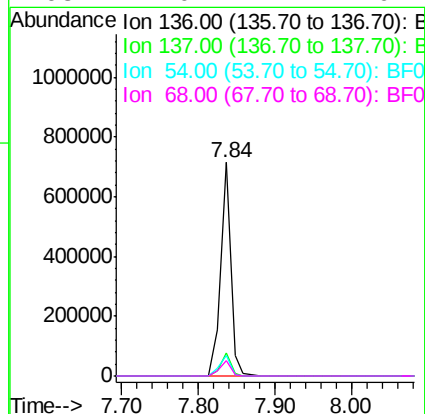
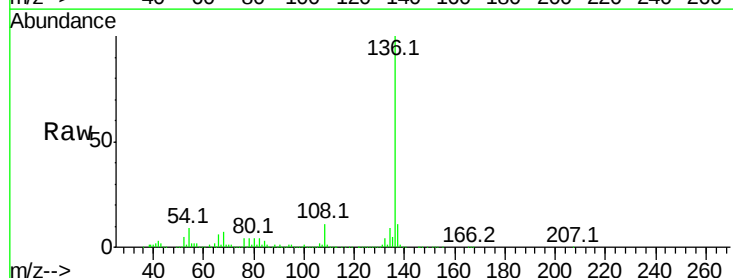
Ion Ratio Lower Upper

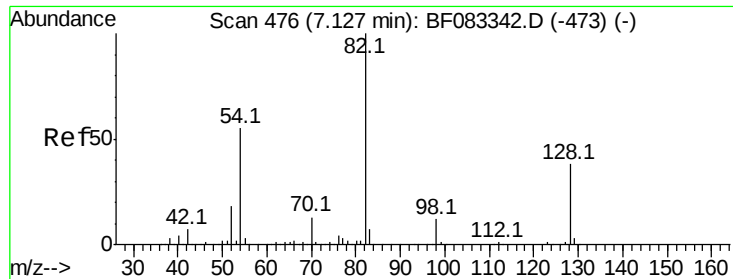
136 100

137 11.0 9.0 13.4

54 9.5 10.1 15.1#

68 7.0 7.1 10.7#



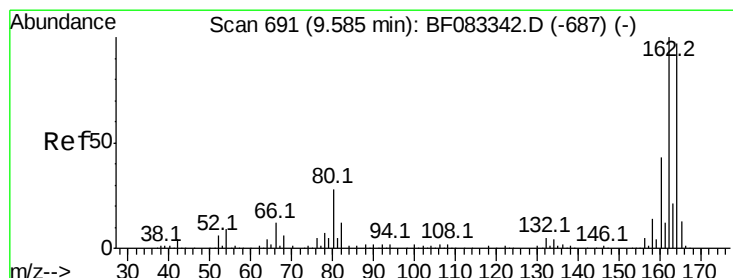
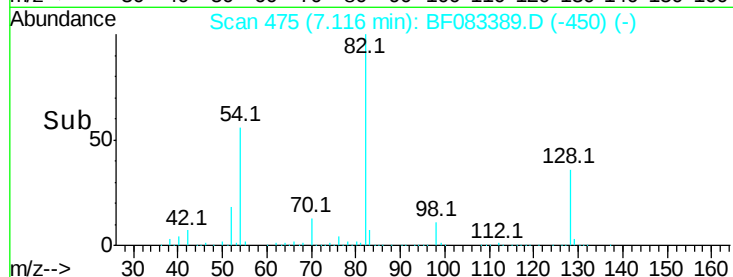
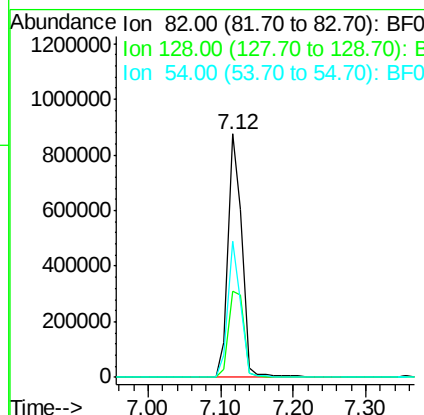
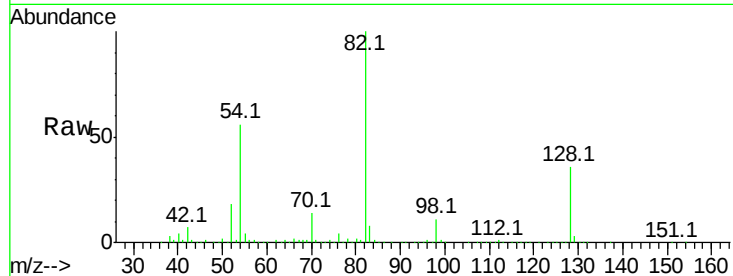


#23
 Nitrobenzene-d5
 Concen: 77.46 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083389.D
 Acq: 1 Dec 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :
 TP2(4-6)

Tot Ion: 82 Resp: 1153895

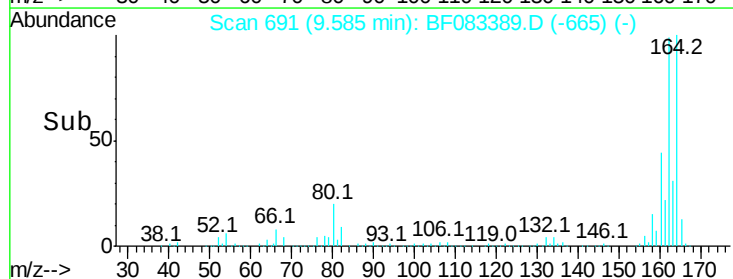
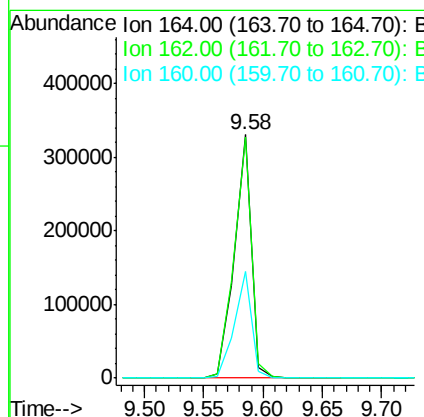
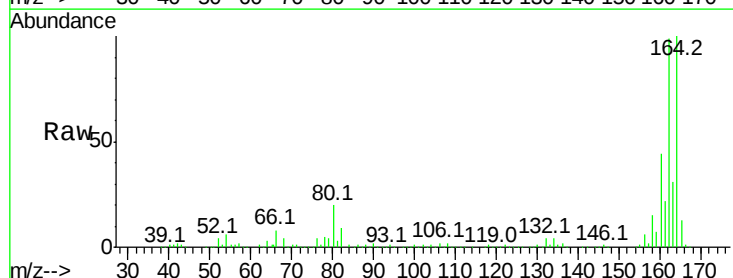
Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.6	46.0
54	55.9	43.8	65.6

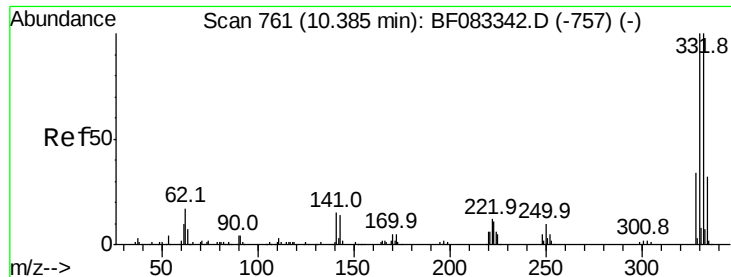


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083389.D
 Acq: 1 Dec 2015 23:29

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

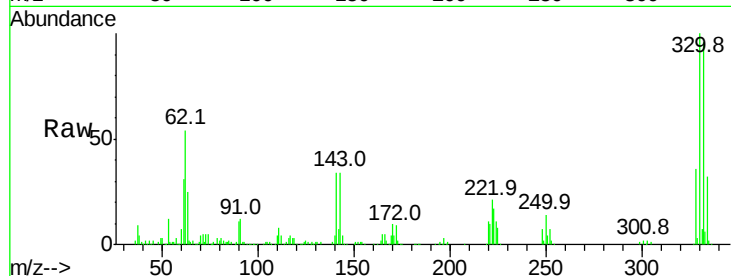




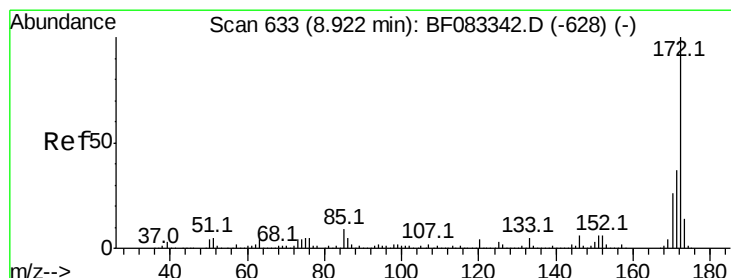
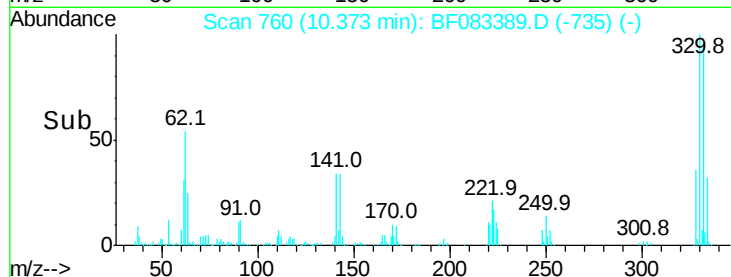
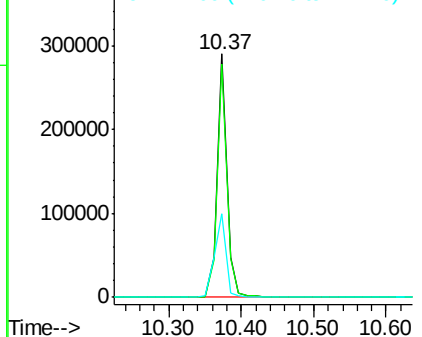
#41
 2,4,6-Tribromophenol
 Concen: 82.99 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083389.D
 Acq: 1 Dec 2015 23:29

Instrument :
 BNA_F
 ClientSampleId :
 TP2(4-6)

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

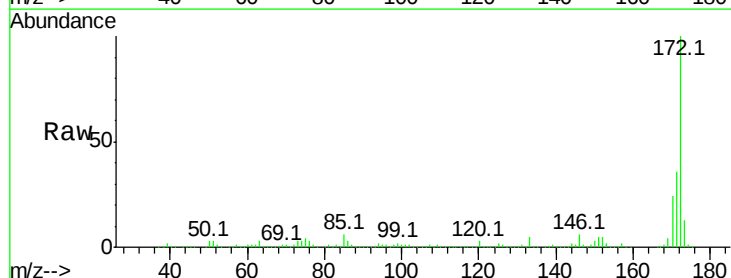


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

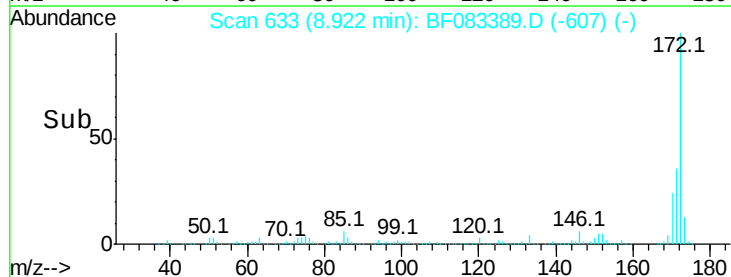
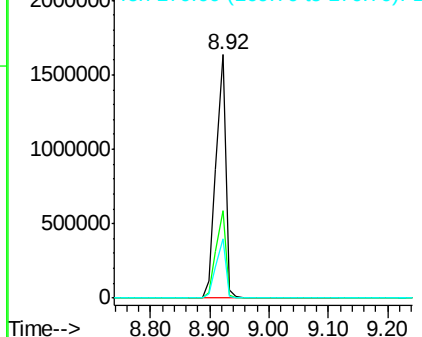


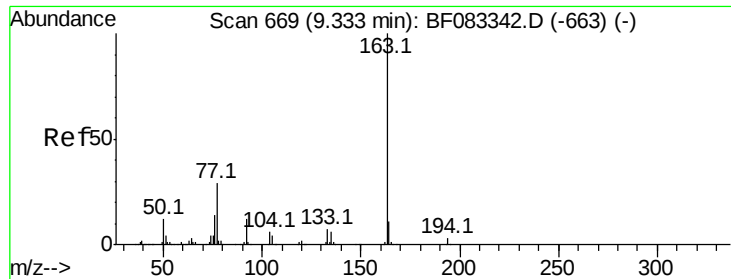
#44
 2-Fluorobiphenyl
 Concen: 80.09 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083389.D
 Acq: 1 Dec 2015 23:29

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)

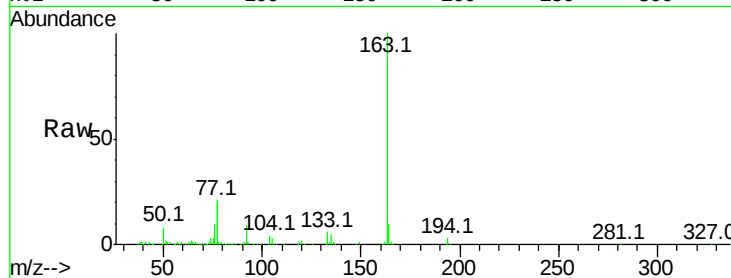
Tot Ion:163 Resp: 465128

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

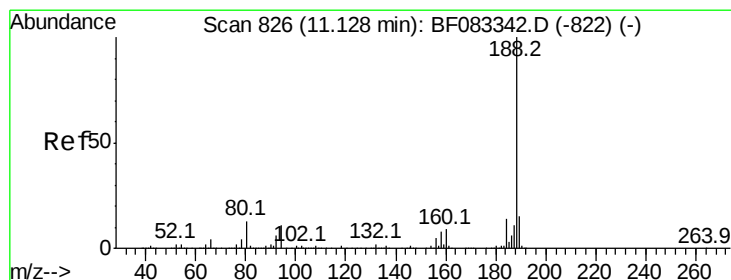
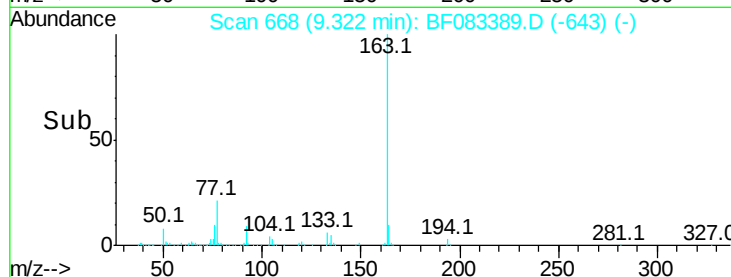
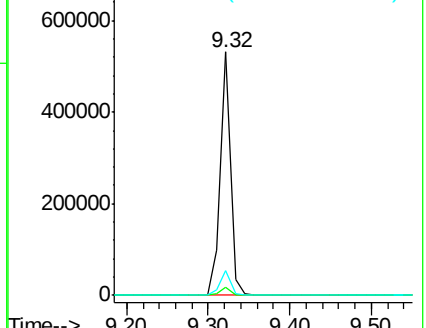
164 10.3 8.8 13.2



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



#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

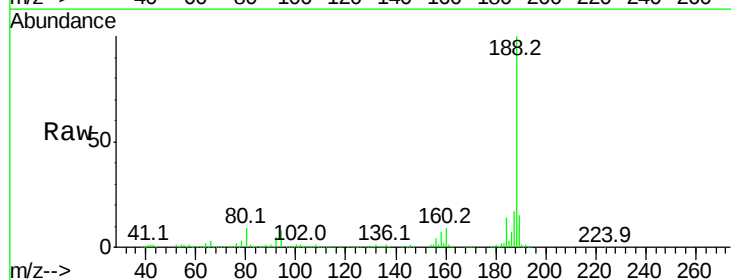
Tgt Ion:188 Resp: 587790

Ion Ratio Lower Upper

188 100

94 7.6 8.7 13.1#

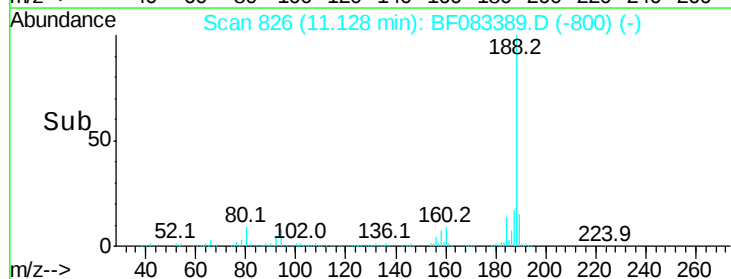
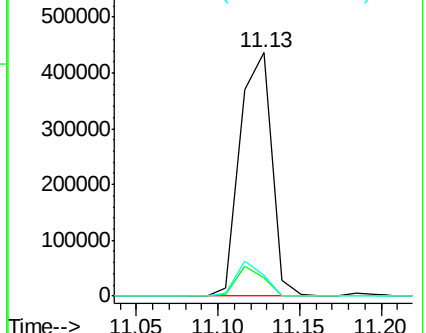
80 8.8 10.3 15.5#

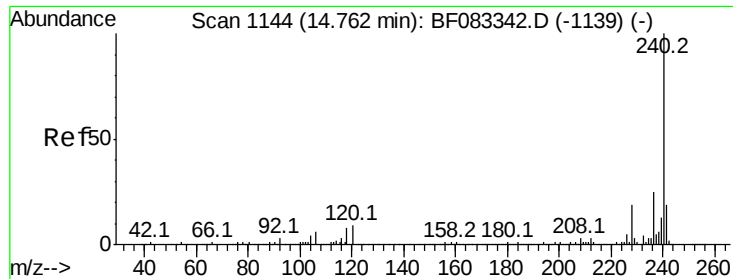


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

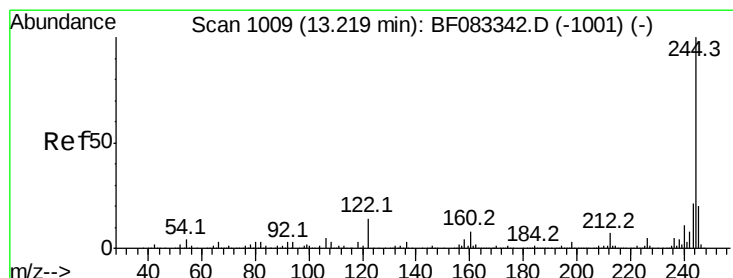
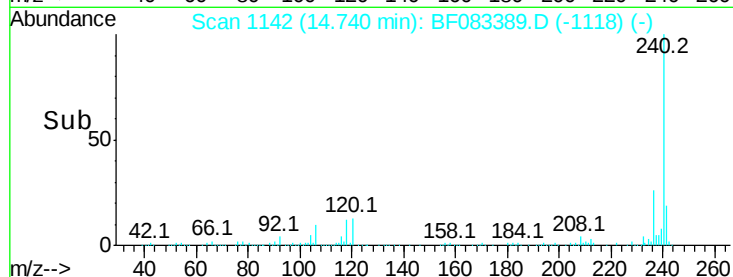
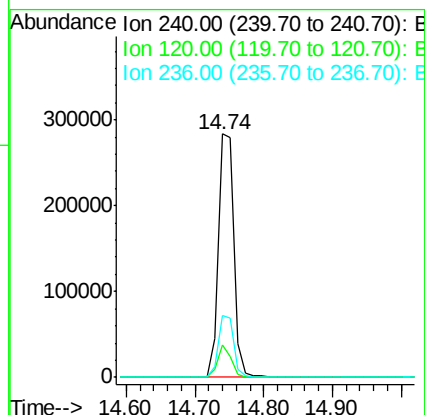
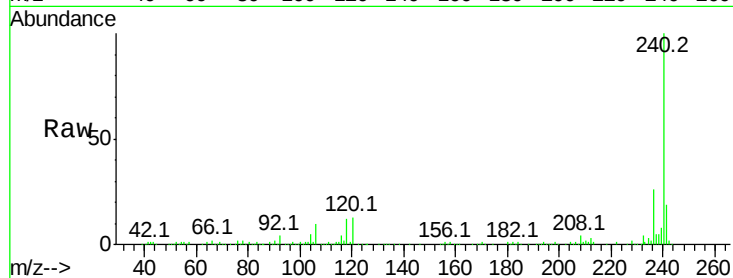




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF083389.D
 Acq: 1 Dec 2015 23:29

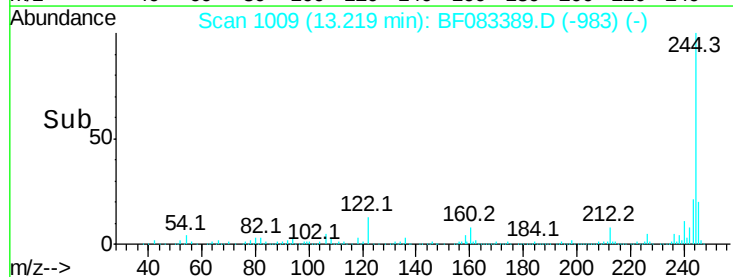
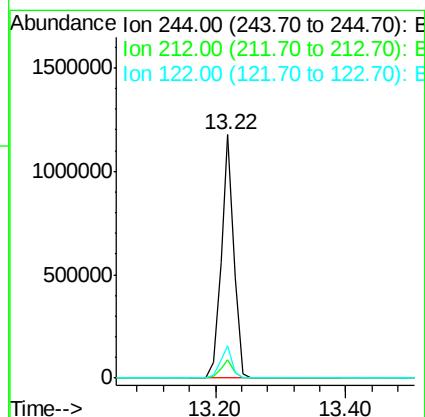
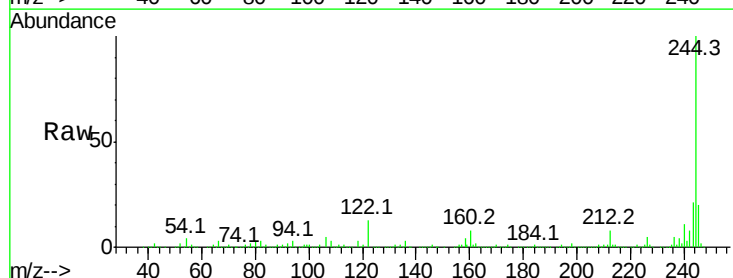
Instrument :
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 TP2(4-6)

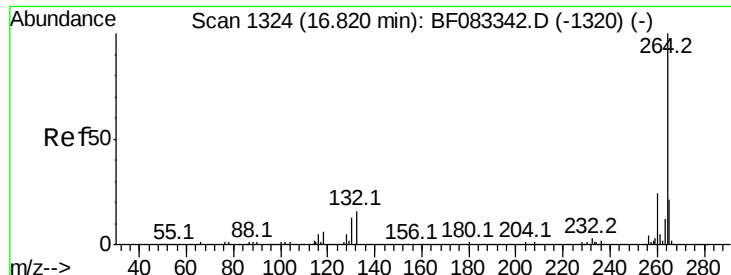
Tot Ion:240 Resp: 453965
 Ion Ratio Lower Upper
 240 100
 120 13.4 6.9 10.3#
 236 25.6 19.8 29.6



#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
Pervlene-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)

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

