

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083390.D
 Acq On : 1 Dec 2015 23:59
 Operator : UM/IZ
 Sample : G4527-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3(7-9)

Quant Time: Dec 02 04:34:35 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

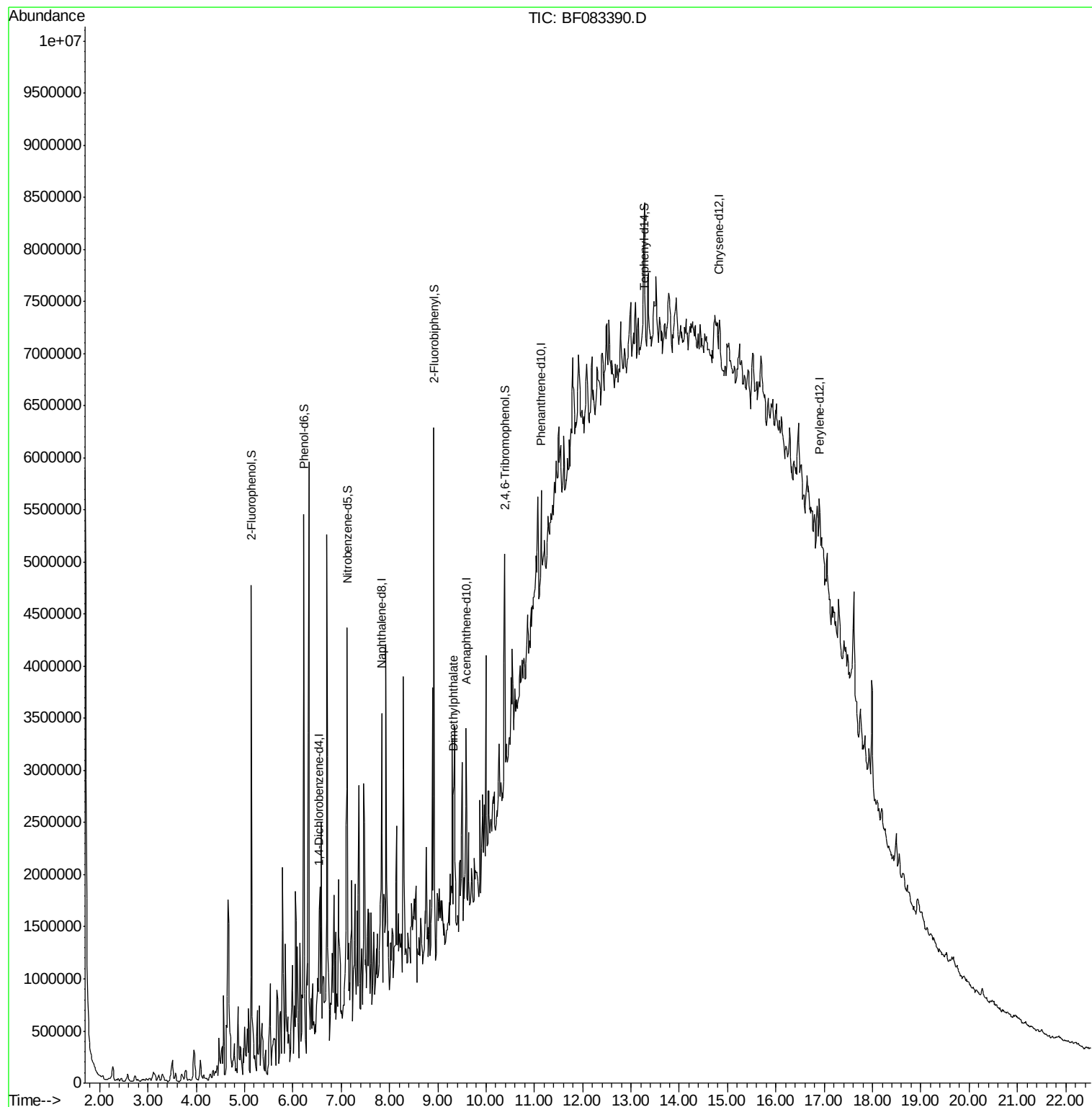
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	177122	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	617661	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	286148	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	413870	20.00	ng	0.01
75) Chrysene-d12	14.83	240	321459	20.00	ng	0.07
86) Perylene-d12	16.90	264	354925	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1415383	119.91	ng	0.01
7) Phenol-d6	6.22	99	2011497	124.50	ng	0.00
23) Nitrobenzene-d5	7.13	82	1313717	93.50	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	303380	105.62	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1620311	80.69	ng	0.00
78) Terphenyl-d14	13.28	244	976240	72.43	ng	0.06
Target Compounds						
49) Dimethylphthalate	9.32	163	419989	18.06	ng	Qvalue 99

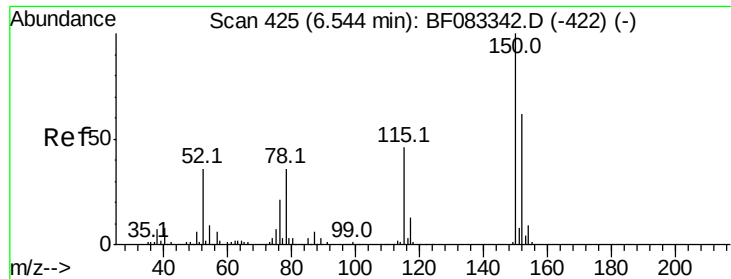
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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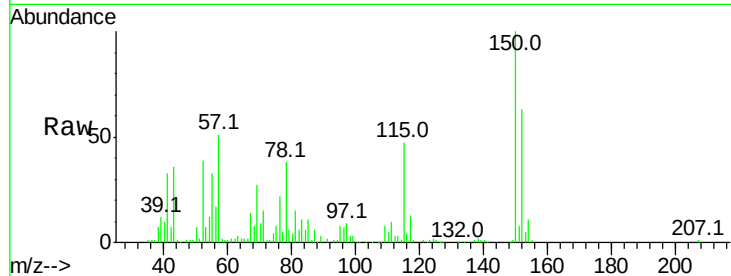


#1

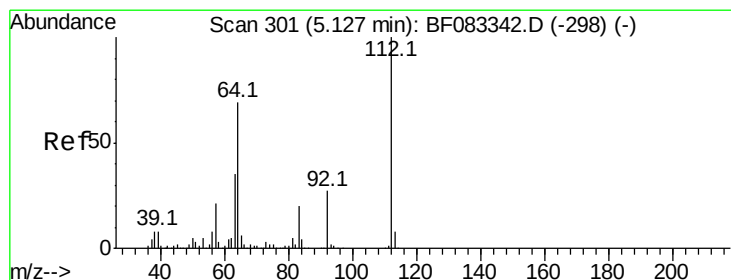
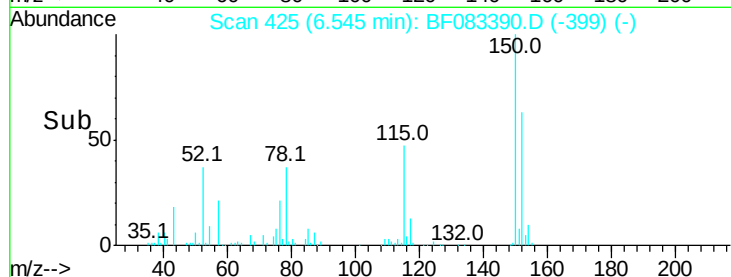
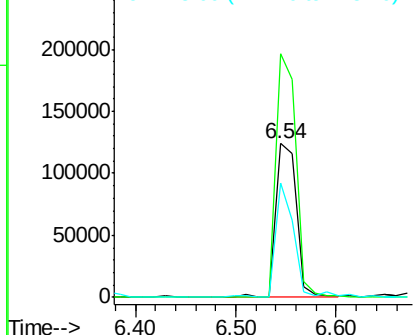
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083390.D
Acq: 1 Dec 2015 23:59

Instrument :
BNA_F
ClientSampleId :
TP3(7-9)

Tot Ion:152 Resp: 177122
Ion Ratio Lower Upper
152 100
150 158.6 129.8 194.8
115 74.8 59.2 88.8



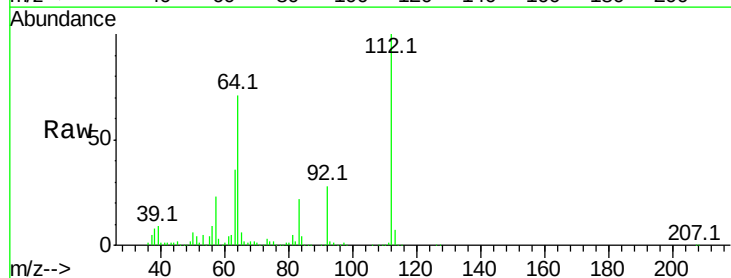
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



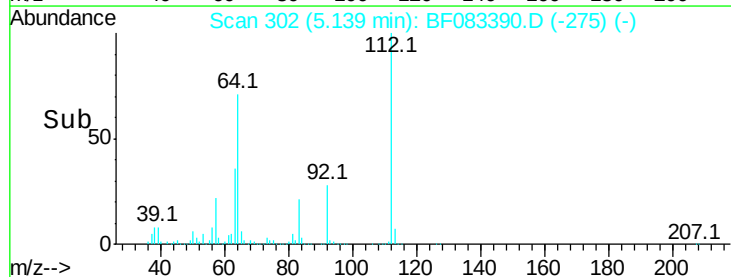
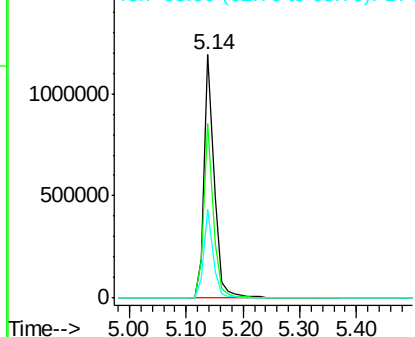
#5

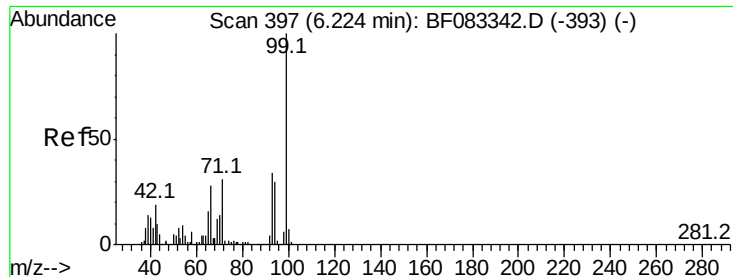
2-Fluorophenol
Concen: 119.91 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083390.D
Acq: 1 Dec 2015 23:59

Tgt Ion:112 Resp: 1415383
Ion Ratio Lower Upper
112 100
64 71.5 55.6 83.4
63 36.5 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: 124.50 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083390.D

Acq: 1 Dec 2015 23:59

Instrument :

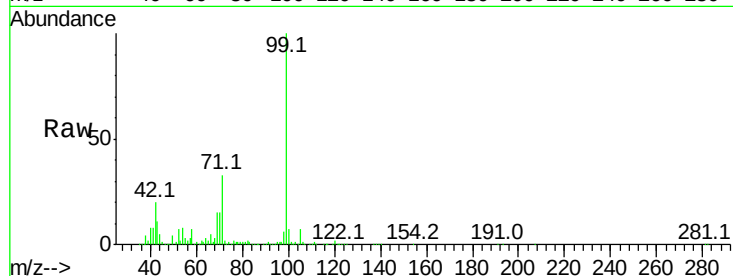
BNA_F

ClientSampleId :

TP3(7-9)

Tot Ion: 99 Resp: 2011497

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.9	22.3
71	33.3	24.7	37.1



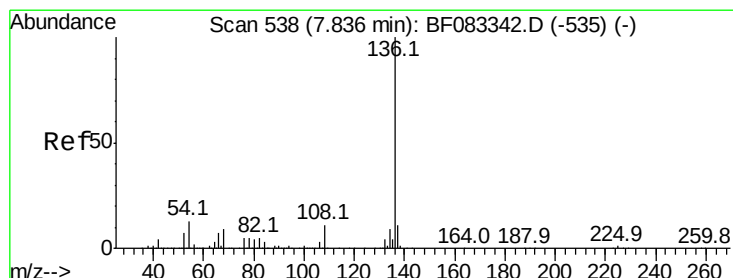
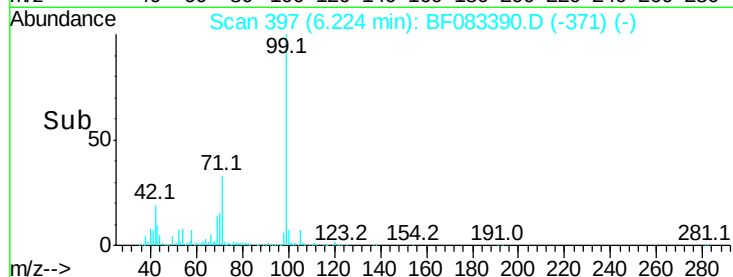
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.22

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

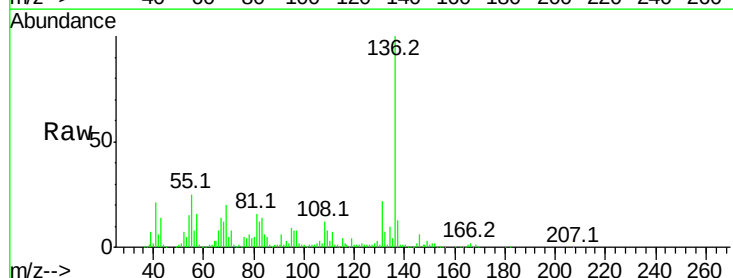
Delta R.T. 0.00 min

Lab File: BF083390.D

Acq: 1 Dec 2015 23:59

Tgt Ion: 136 Resp: 617661

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.0	13.4
54	15.3	10.1	15.1#
68	12.1	7.1	10.7#



Abundance Ion 136.00 (135.70 to 136.70): E

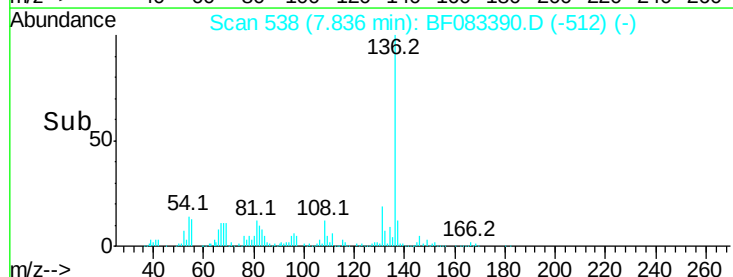
Ion 137.00 (136.70 to 137.70): E

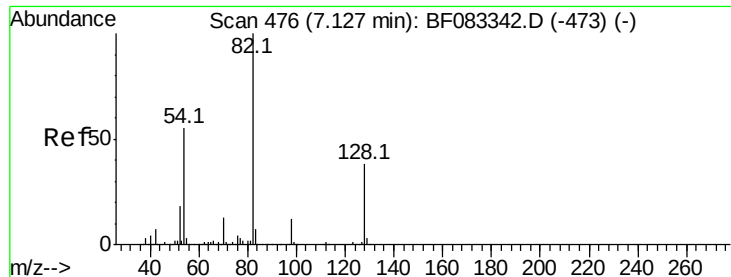
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

7.84

Time-->





#23

Nitrobenzene-d5

Concen: 93.50 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF083390.D

Acq: 1 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

TP3(7-9)

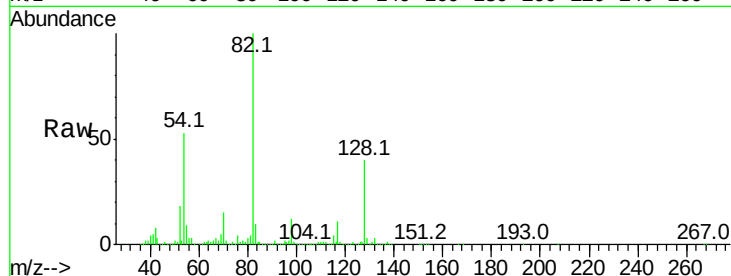
Tot Ion: 82 Resp: 1313717

Ion Ratio Lower Upper

82 100

128 40.4 30.6 46.0

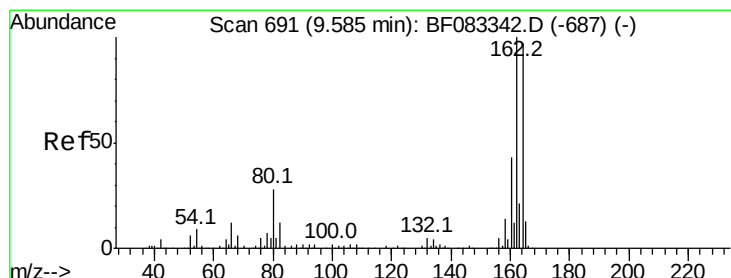
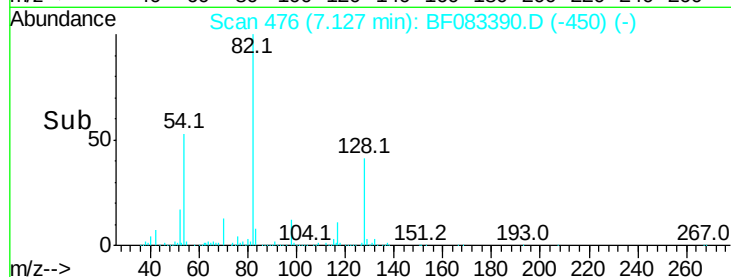
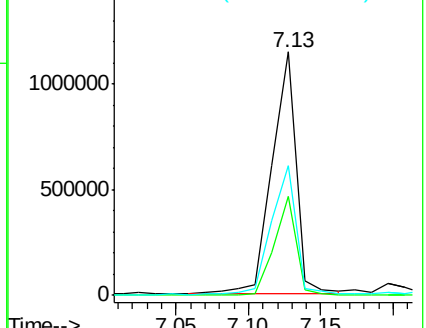
54 53.0 43.8 65.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083390.D

Acq: 1 Dec 2015 23:59

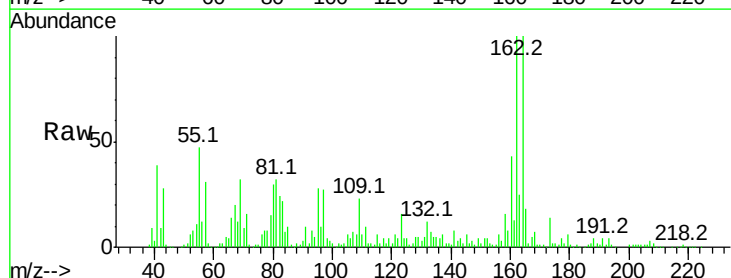
Tgt Ion:164 Resp: 286148

Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

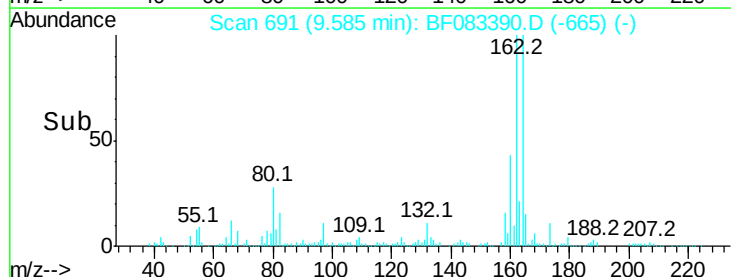
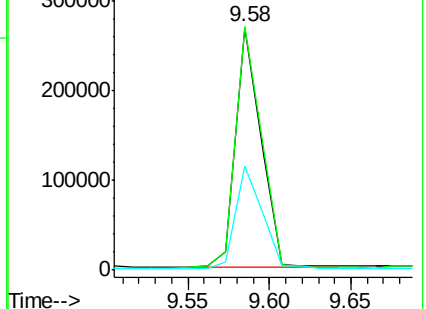
160 42.9 35.3 52.9

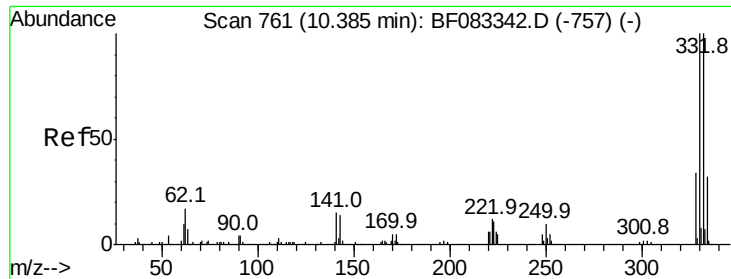


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

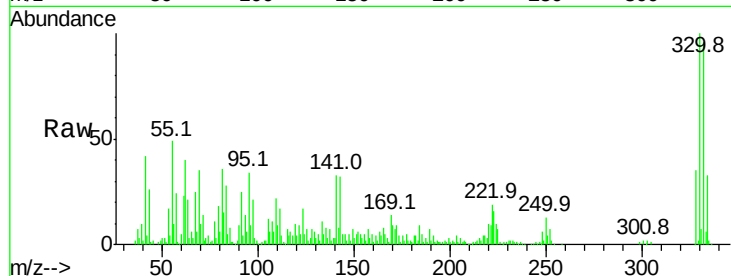




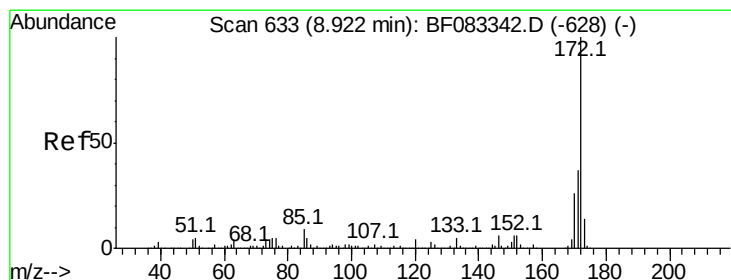
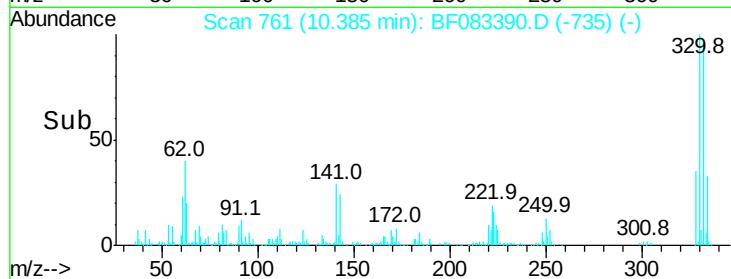
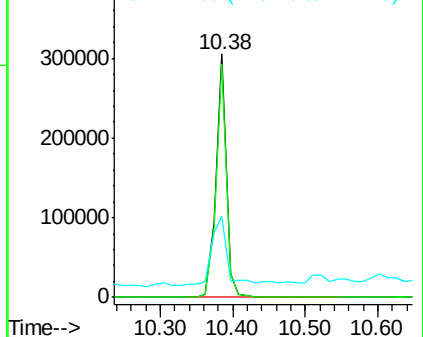
#41
 2,4,6-Tribromophenol
 Concen: 105.62 ng
 RT: 10.38 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF083390.D
 Acq: 1 Dec 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 TP3(7-9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.6
141	43.3	29.4	44.0

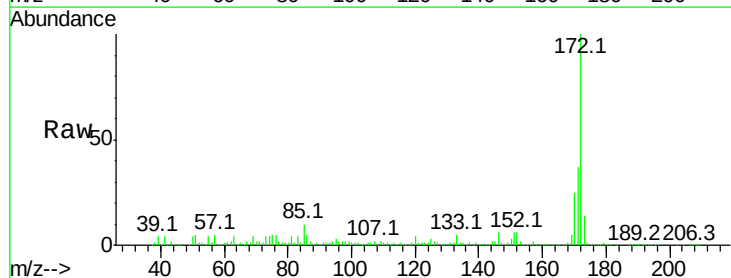


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

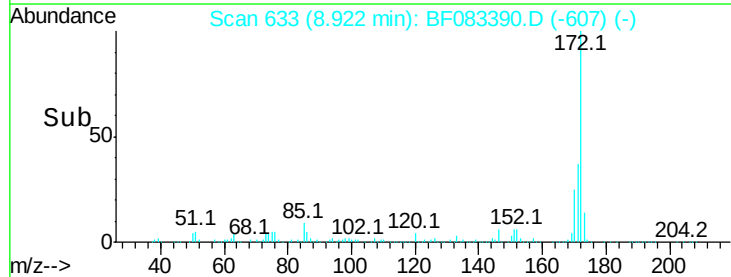
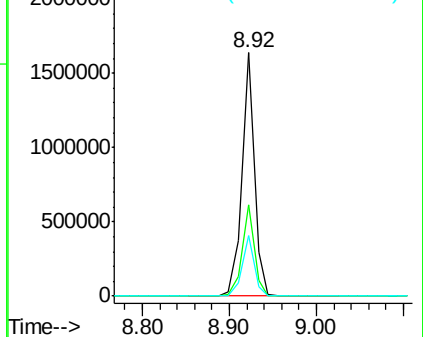


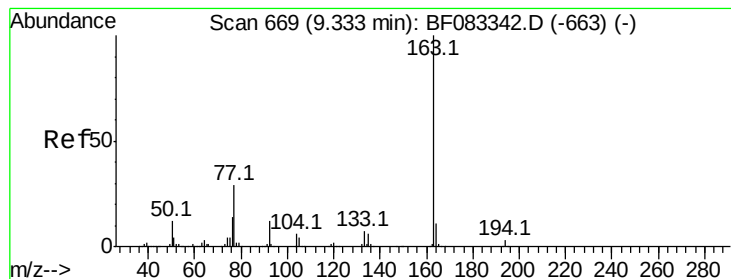
#44
 2-Fluorobiphenyl
 Concen: 80.69 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083390.D
 Acq: 1 Dec 2015 23:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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: 18.06 ng

RT: 9.32 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083390.D

Acq: 1 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

TP3(7-9)

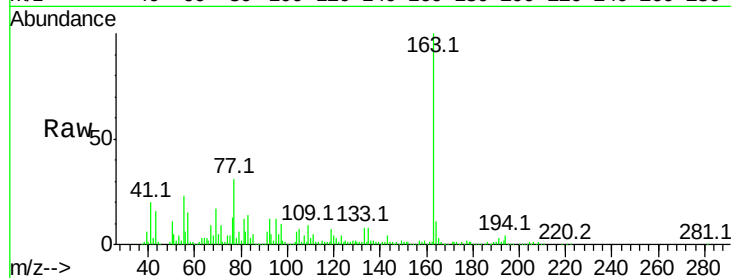
Tot Ion:163 Resp: 419989

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

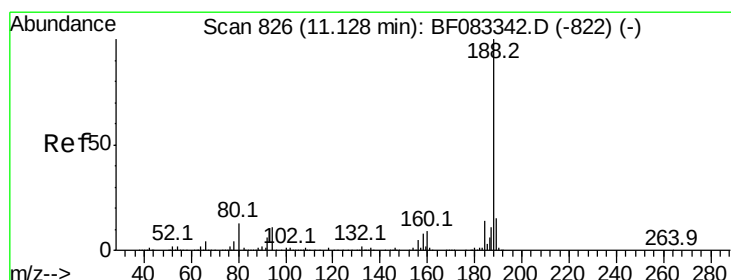
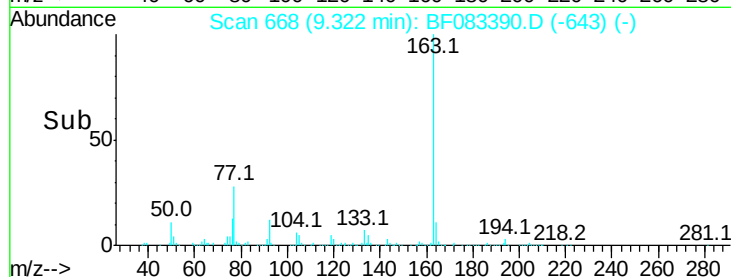
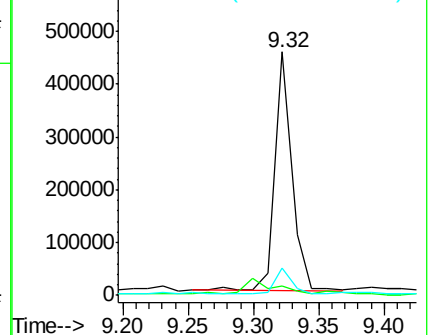
164 11.1 8.8 13.2



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: 11.14 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF083390.D

Acq: 1 Dec 2015 23:59

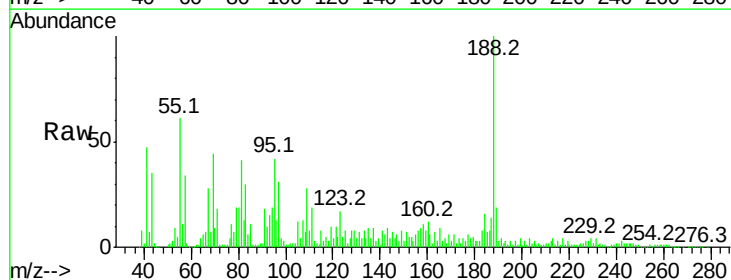
Tgt Ion:188 Resp: 413870

Ion Ratio Lower Upper

188 100

94 18.6 8.7 13.1#

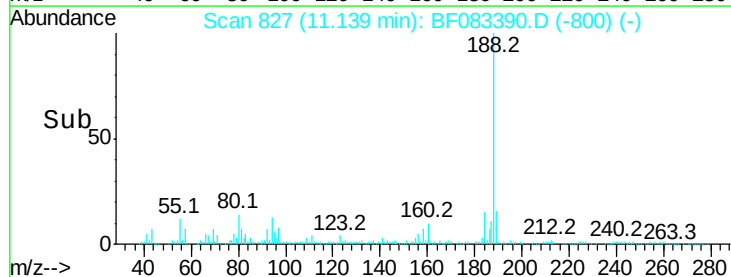
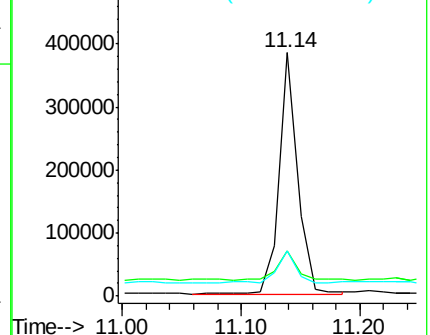
80 18.8 10.3 15.5#

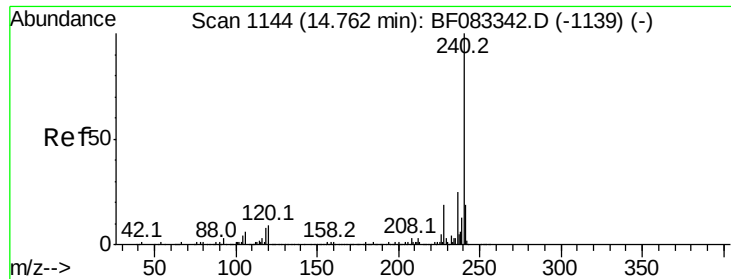


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.83 min Scan# 1150

Delta R.T. 0.07 min

Lab File: BF083390.D

Acq: 1 Dec 2015 23:59

Instrument :

BNA_F

ClientSampleId :

TP3(7-9)

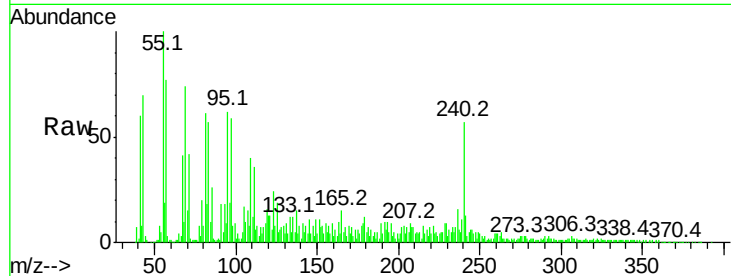
Tot Ion:240 Resp: 321459

Ion Ratio Lower Upper

240 100

120 22.0 6.9 10.3#

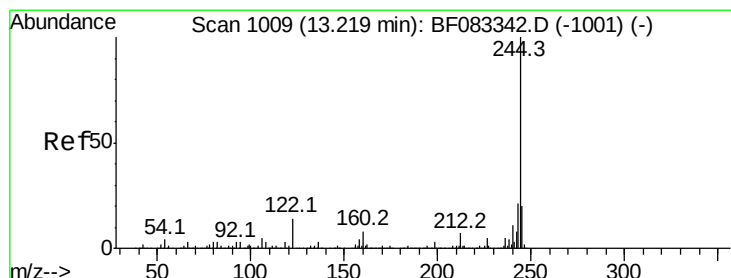
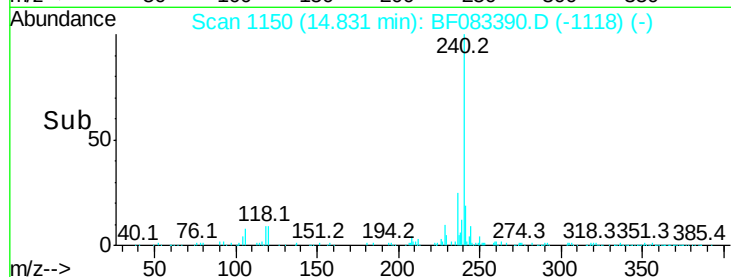
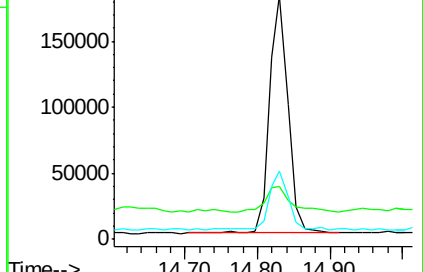
236 28.0 19.8 29.6



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: 72.43 ng

RT: 13.28 min Scan# 1014

Delta R.T. 0.06 min

Lab File: BF083390.D

Acq: 1 Dec 2015 23:59

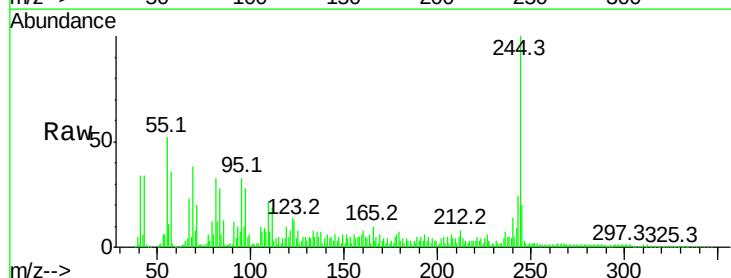
Tgt Ion:244 Resp: 976240

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

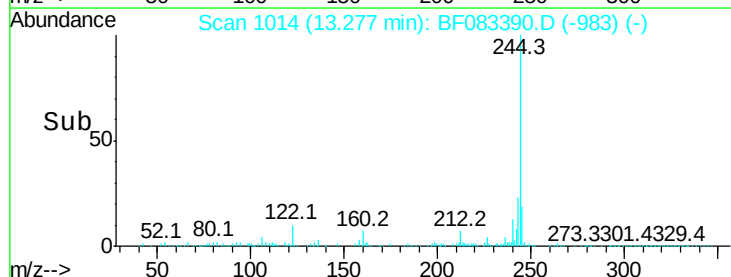
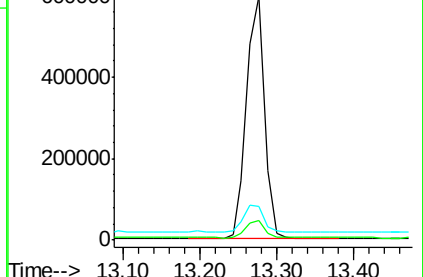
122 13.6 11.0 16.4

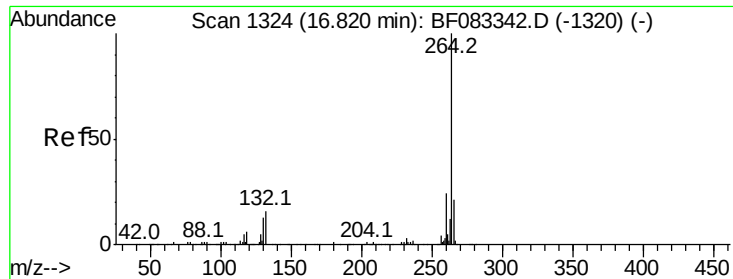


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.90 min Scan# 1331
Delta R.T. 0.08 min
Lab File: BF083390.D
Acq: 1 Dec 2015 23:59

Instrument :
BNA_F
ClientSampleId :
TP3(7-9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	22.8	16.8	25.2

