

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083373.D
 Acq On : 1 Dec 2015 12:26
 Operator : UM/IZ
 Sample : G4571-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-32-77-COMPOSITE

Quant Time: Dec 01 15:10:02 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

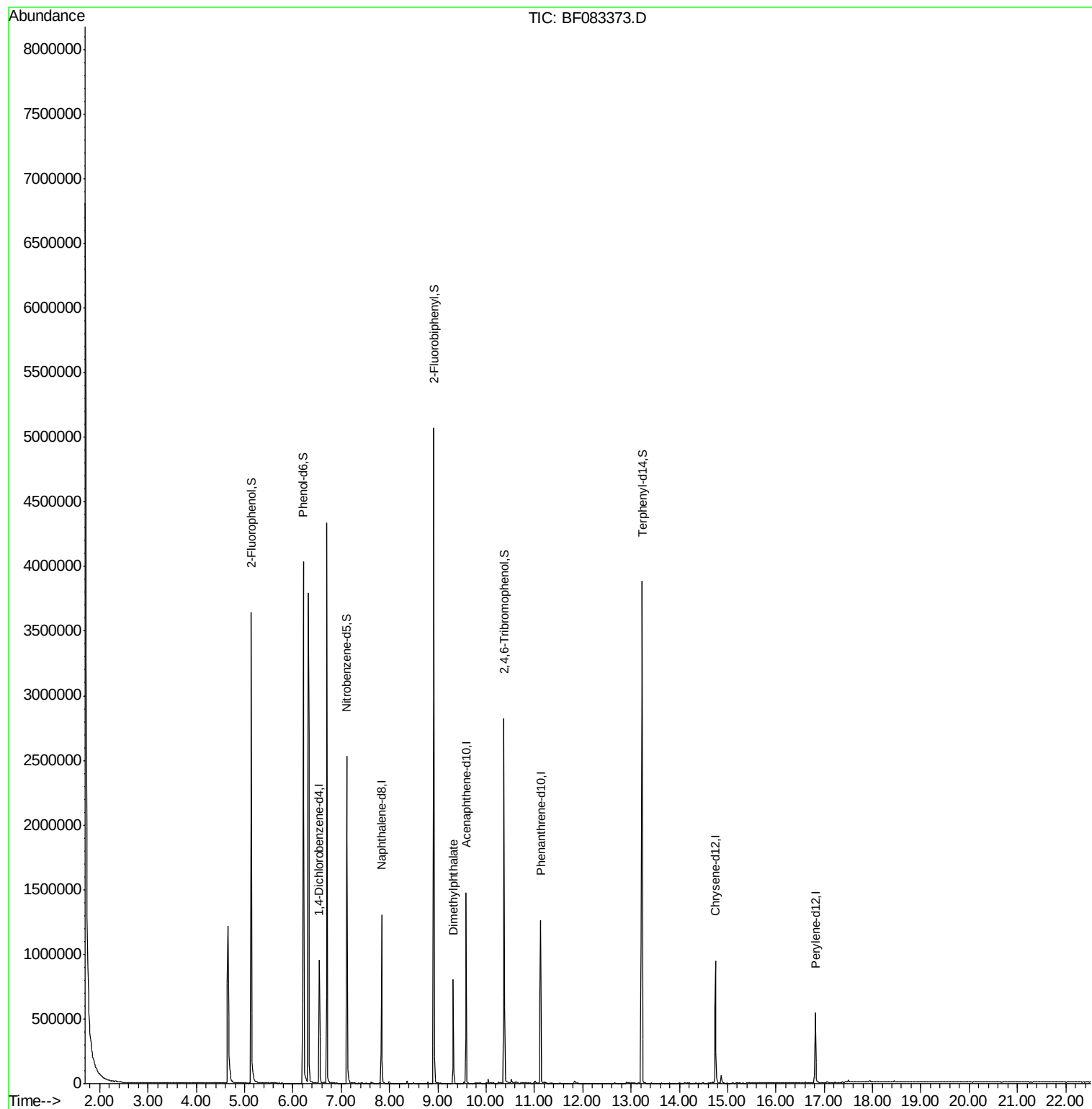
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	149095	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	565548	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	297709	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	558863	20.00	ng	0.00
75) Chrysene-d12	14.75	240	479130	20.00	ng	-0.01
86) Perylene-d12	16.82	264	337250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1245913	125.39	ng	0.01
7) Phenol-d6	6.21	99	1737237	127.74	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1160499	90.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	308631	103.27	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1961437	93.89	ng	0.00
78) Terphenyl-d14	13.23	244	1925213	95.83	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.32	163	308872	12.77	ng	Qvalue 99

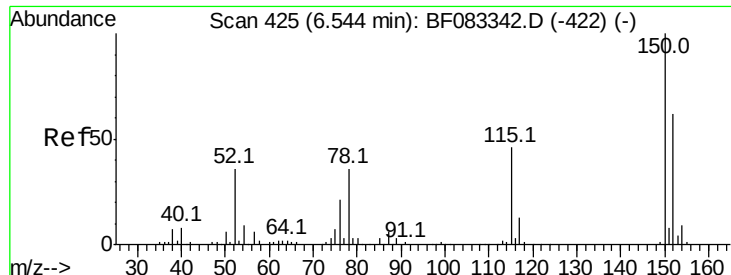
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083373.D

Acq: 1 Dec 2015 12:26

Instrument :

BNA_F

ClientSampleId :

DRUM-32-77-COMPOSITE

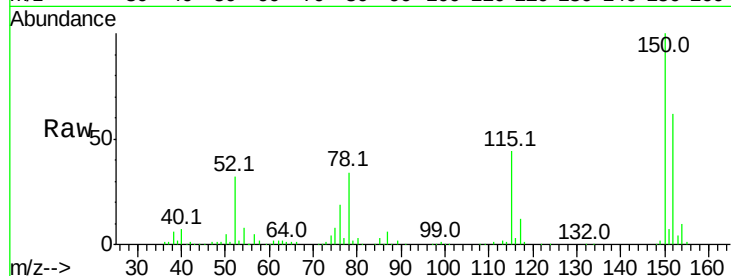
Tot Ion:152 Resp: 149095

Ion Ratio Lower Upper

152 100

150 160.4 129.8 194.8

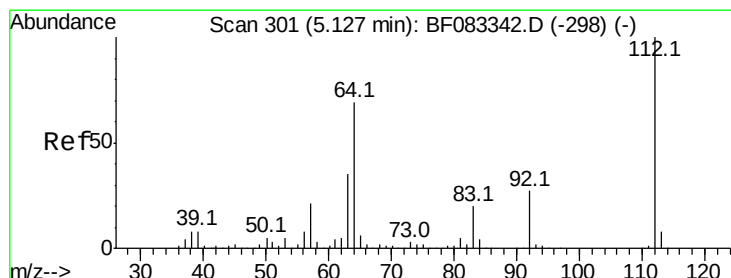
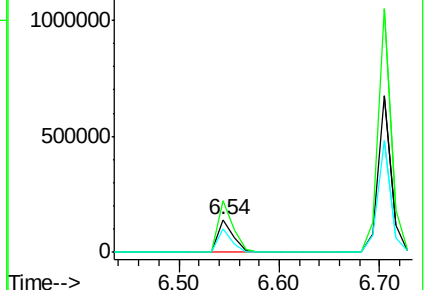
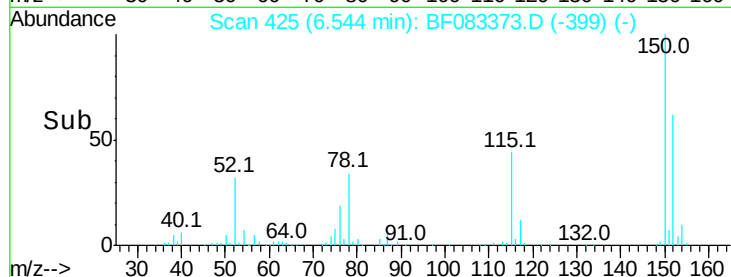
115 70.5 59.2 88.8



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: 125.39 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083373.D

Acq: 1 Dec 2015 12:26

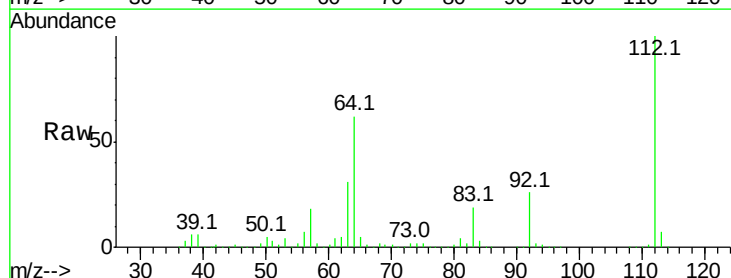
Tgt Ion:112 Resp: 1245913

Ion Ratio Lower Upper

112 100

64 61.8 55.6 83.4

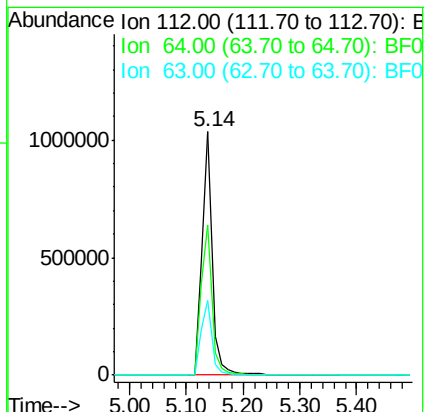
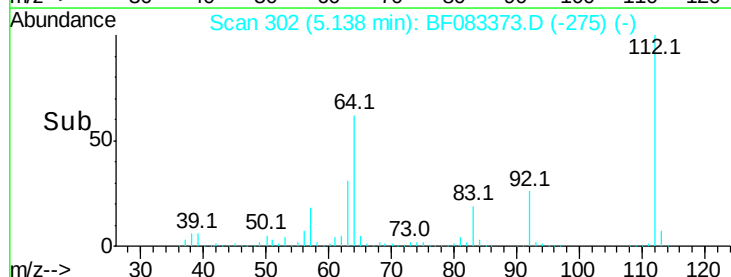
63 30.9 28.2 42.2

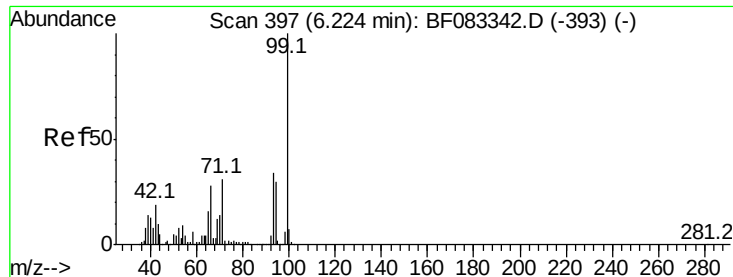


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.74 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083373.D

Acq: 1 Dec 2015 12:26

Instrument :

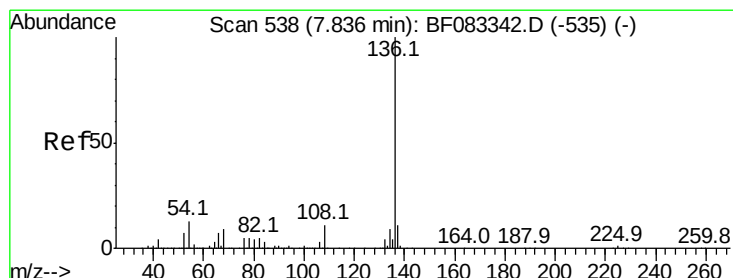
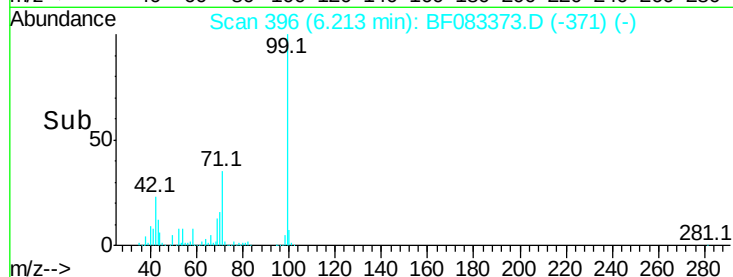
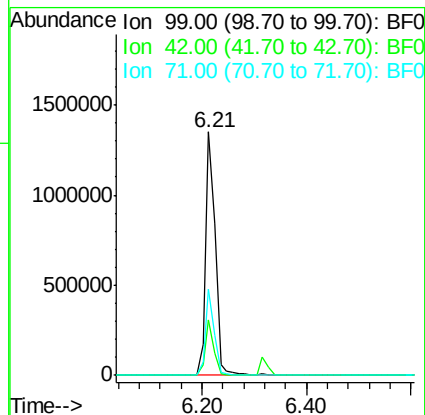
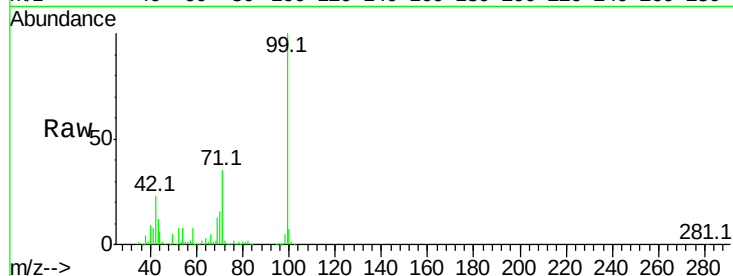
BNA_F

ClientSampleId :

DRUM-32-77-COMPOSITE

Tot Ion: 99 Resp: 1737237

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.9	22.3#
71	35.1	24.7	37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

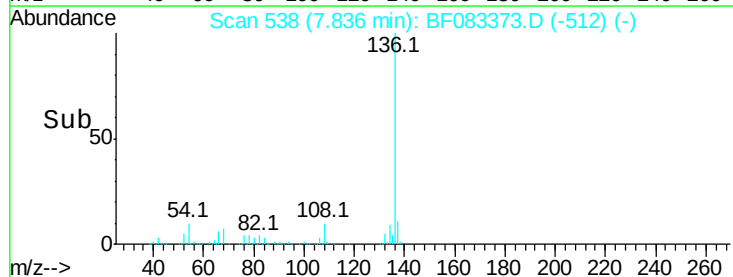
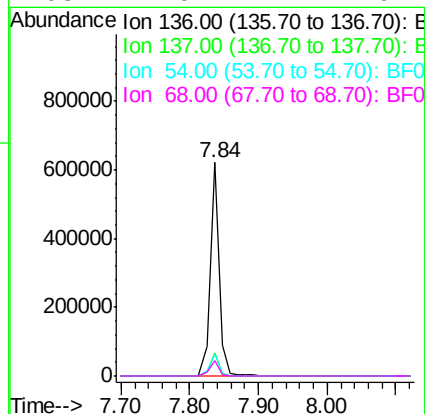
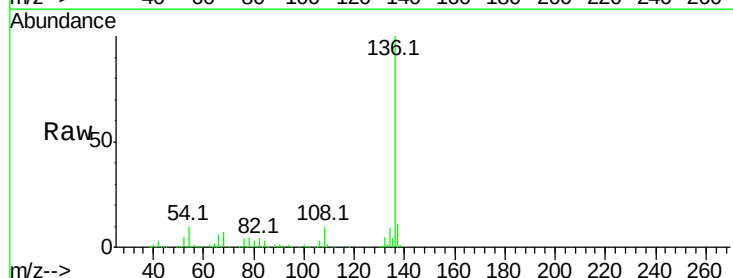
Delta R.T. -0.00 min

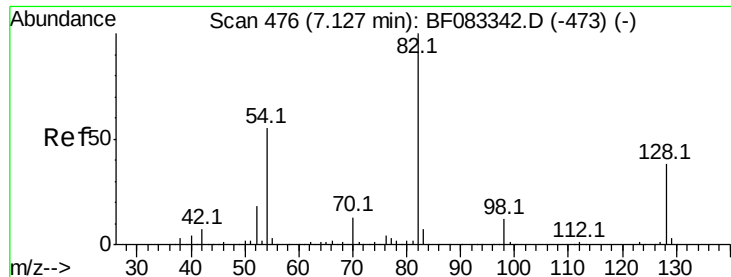
Lab File: BF083373.D

Acq: 1 Dec 2015 12:26

Tgt Ion: 136 Resp: 565548

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.1	10.1	15.1
68	7.0	7.1	10.7#

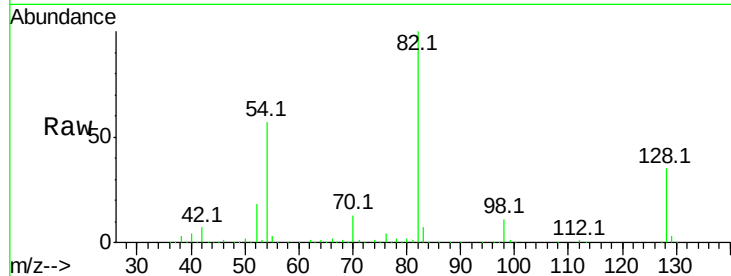




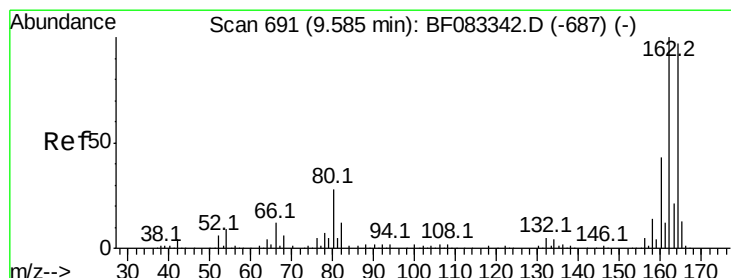
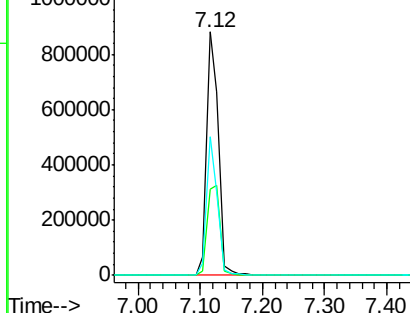
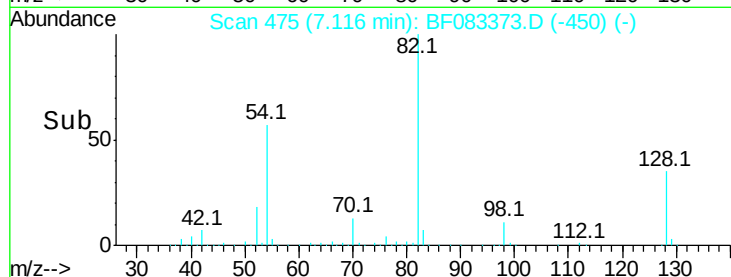
#23
 Nitrobenzene-d5
 Concen: 90.20 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083373.D
 Acq: 1 Dec 2015 12:26

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-32-77-COMPOSITE

Tot Ion: 82 Resp: 1160499
 Ion Ratio Lower Upper
 82 100
 128 35.3 30.6 46.0
 54 57.1 43.8 65.6

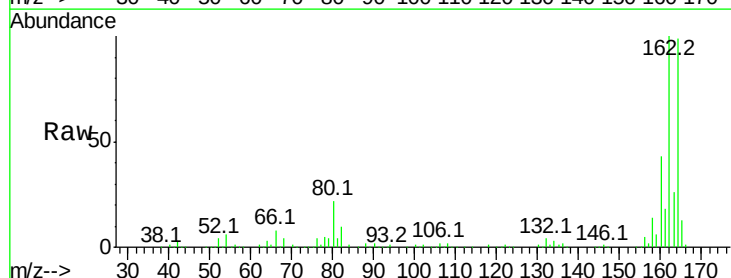


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

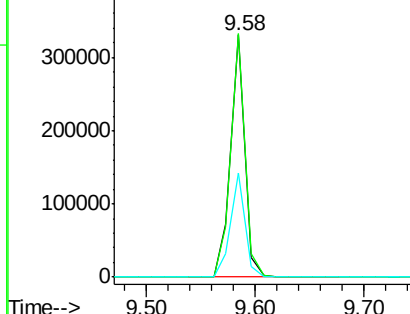
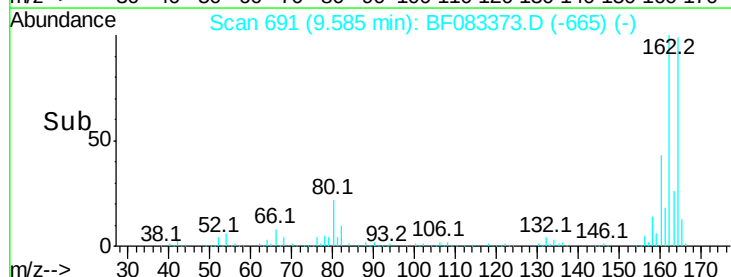


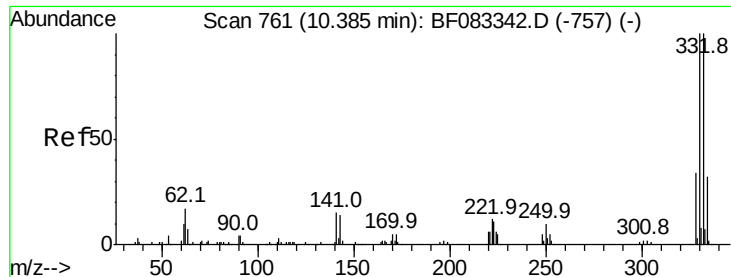
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083373.D
 Acq: 1 Dec 2015 12:26

Tgt Ion: 164 Resp: 297709
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 123.8
 160 43.1 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

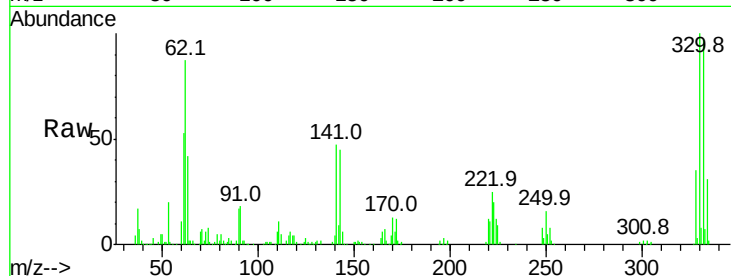




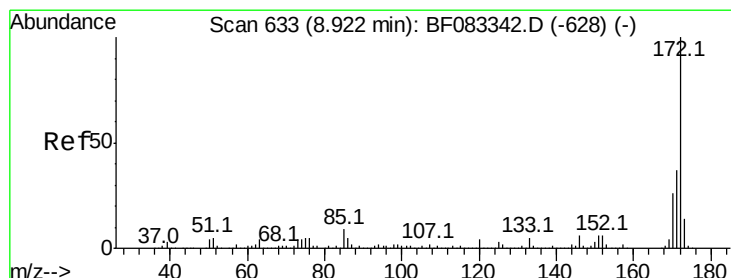
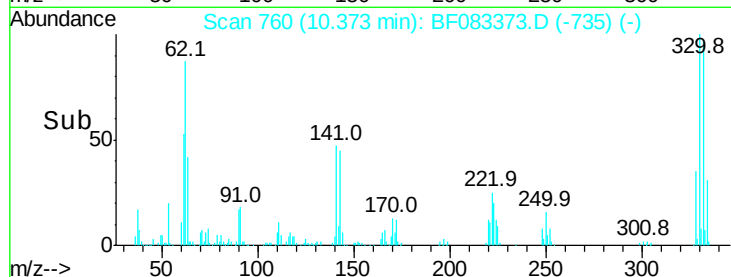
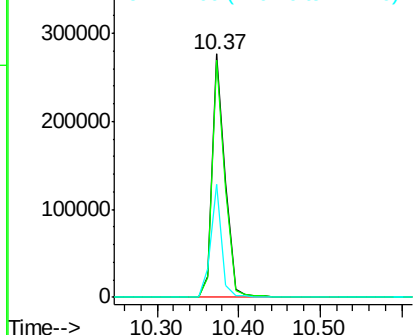
#41
 2,4,6-Tribromophenol
 Concen: 103.27 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083373.D
 Acq: 1 Dec 2015 12:26

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-32-77-COMPOSITE

Tot Ion:330 Resp: 308631
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 40.1 29.4 44.0

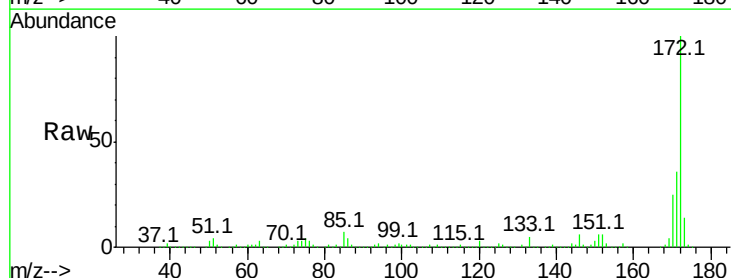


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

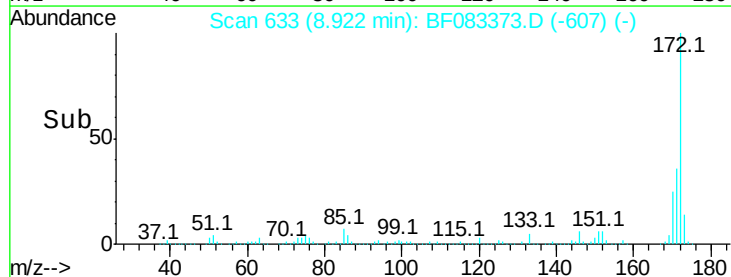
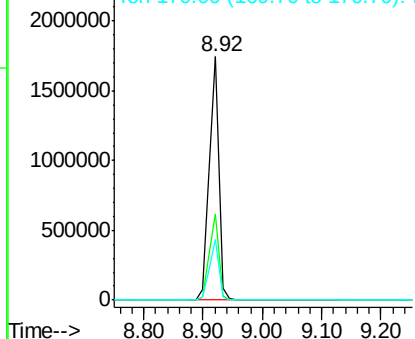


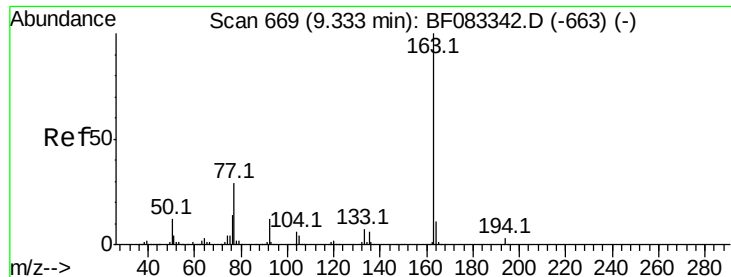
#44
 2-Fluorobiphenyl
 Concen: 93.89 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083373.D
 Acq: 1 Dec 2015 12:26

Tgt Ion:172 Resp: 1961437
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.7 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: 12.77 ng

RT: 9.32 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083373.D

Acq: 1 Dec 2015 12:26

Instrument :

BNA_F

ClientSampleId :

DRUM-32-77-COMPOSITE

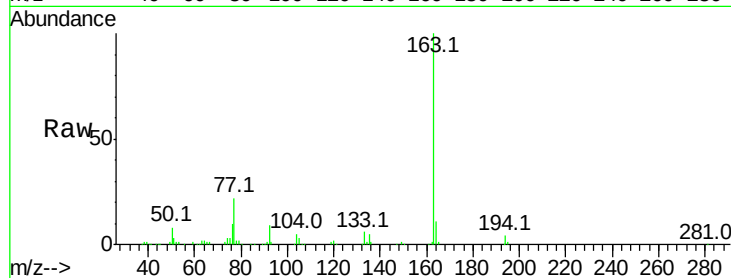
Tot Ion:163 Resp: 308872

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

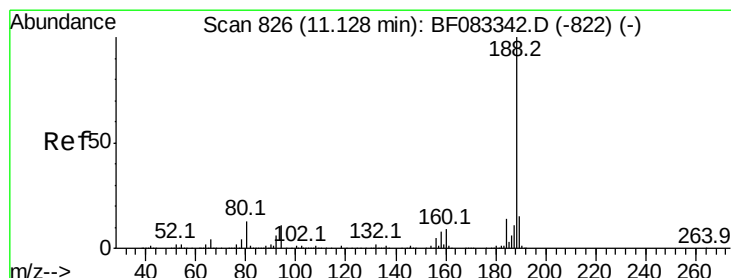
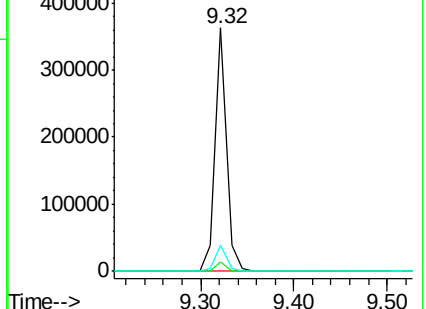
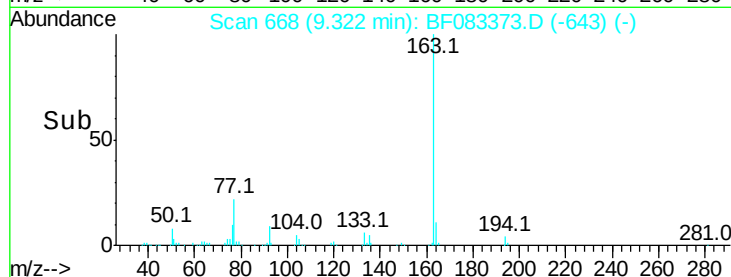
164 10.6 8.8 13.2



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: BF083373.D

Acq: 1 Dec 2015 12:26

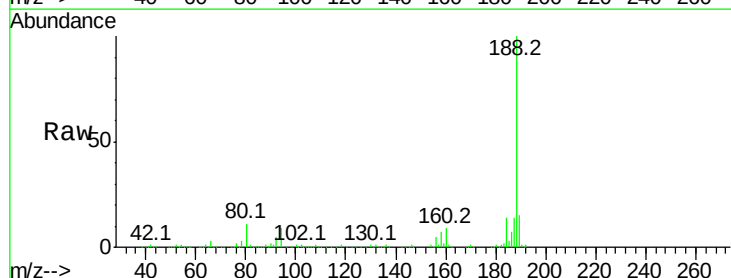
Tgt Ion:188 Resp: 558863

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

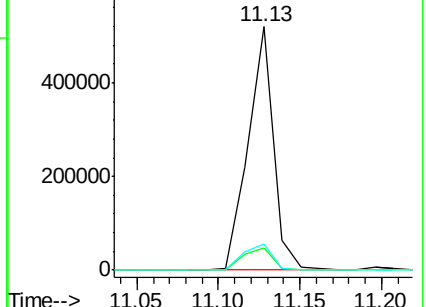
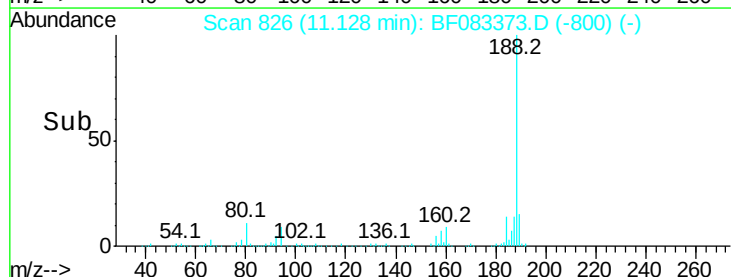
80 10.7 10.3 15.5

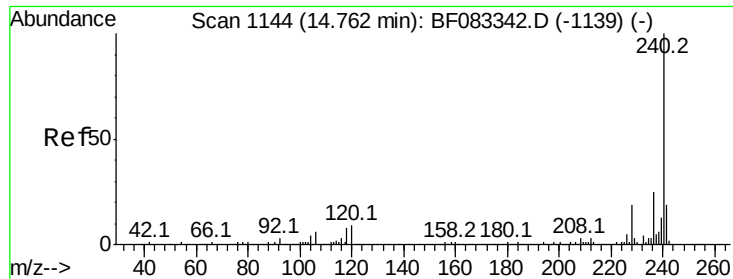


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

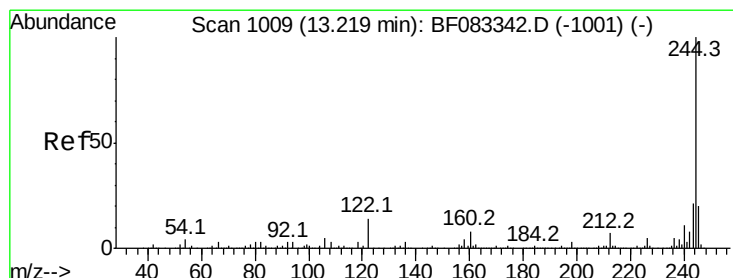
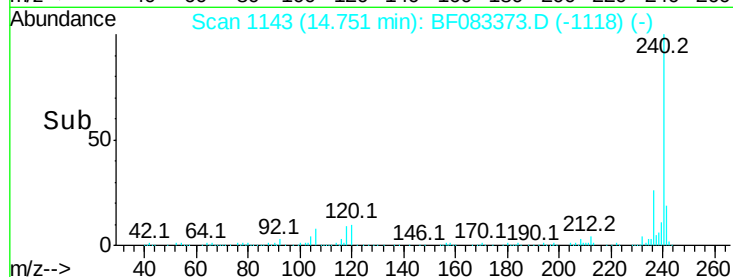
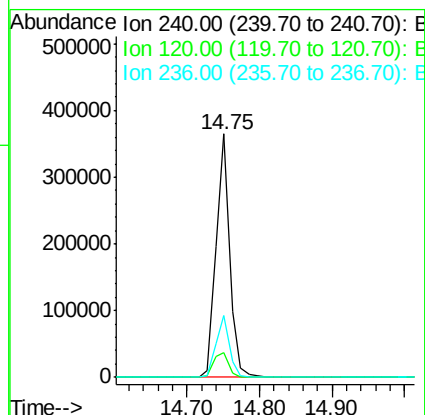
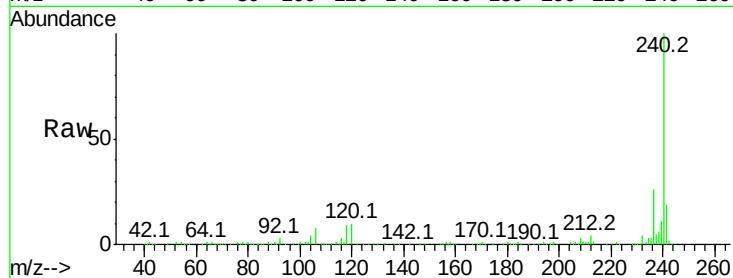




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083373.D
 Acq: 1 Dec 2015 12:26

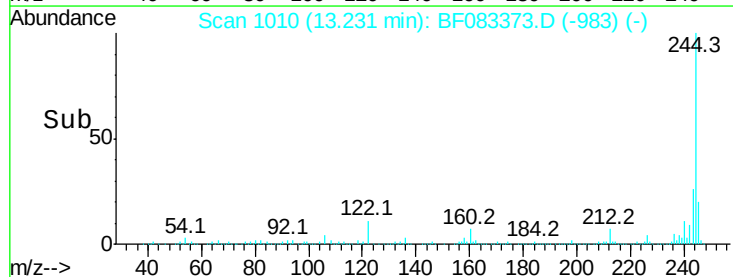
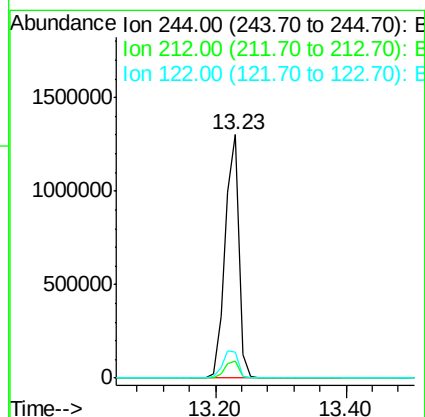
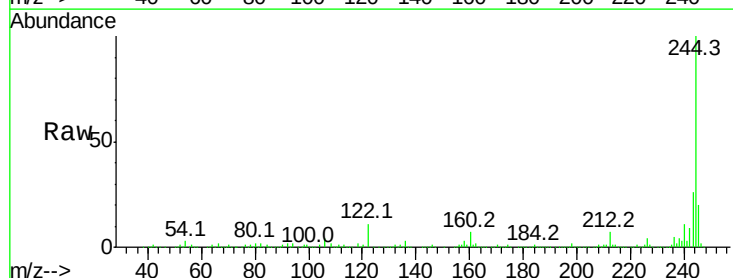
Instrument :
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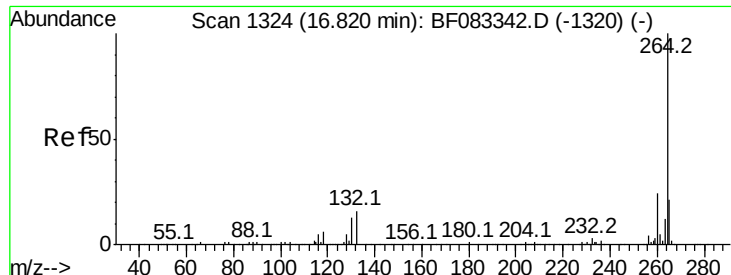
Tot Ion:240 Resp: 479130
 Ion Ratio Lower Upper
 240 100
 120 10.2 6.9 10.3
 236 25.7 19.8 29.6



#78
 Terphenyl-d14
 Concen: 95.83 ng
 RT: 13.23 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF083373.D
 Acq: 1 Dec 2015 12:26

Tgt Ion:244 Resp: 1925213
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.5 11.0 16.4#



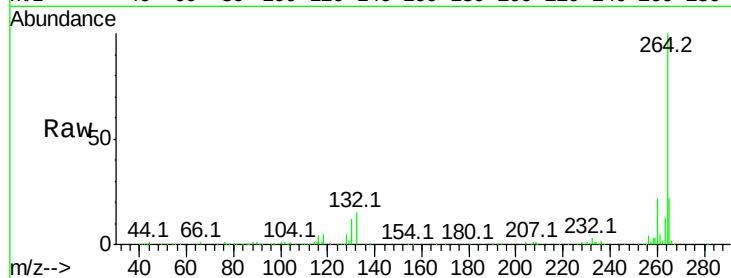


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083373.D
Acq: 1 Dec 2015 12:26

Instrument :
BNA_F
ClientSampleId :
DRUM-32-77-COMPOSITE

Tot Ion:264 Resp: 337250

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.0	28.4
265	21.9	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

