

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083353.D
 Acq On : 1 Dec 2015 00:42
 Operator : UM/IZ
 Sample : G4571-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 01 02:34:19 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

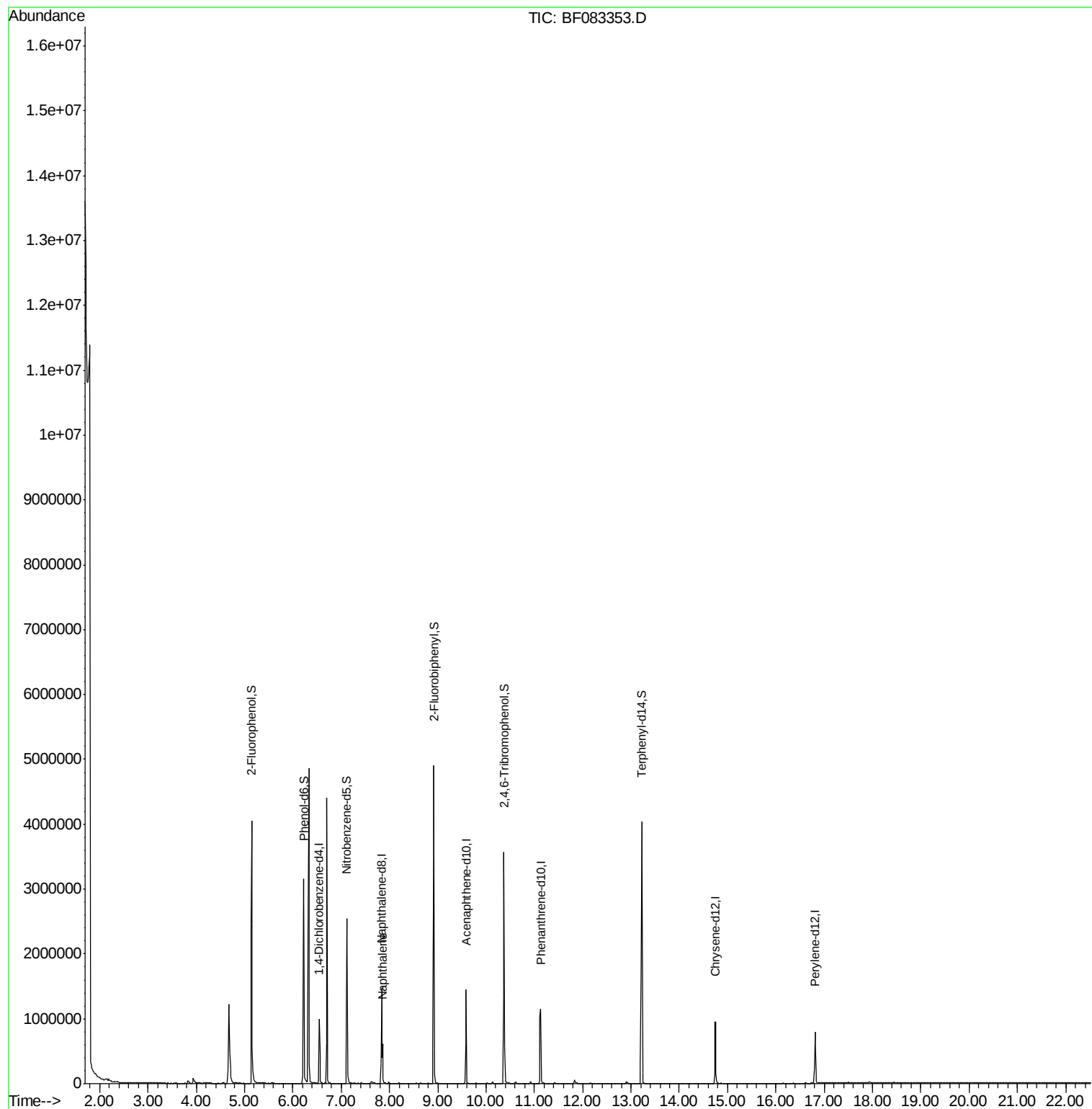
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	161635	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	631244	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	327844	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	624223	20.00	ng	0.00
75) Chrysene-d12	14.75	240	583500	20.00	ng	-0.01
86) Perylene-d12	16.81	264	472553	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1380558	128.17	ng	0.02
7) Phenol-d6	6.22	99	1649938	111.91	ng	0.00
23) Nitrobenzene-d5	7.12	82	1274129	88.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	416839	126.66	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2089253	90.81	ng	0.00
78) Terphenyl-d14	13.22	244	2175410	88.91	ng	0.00
Target Compounds						
31) Naphthalene	7.86	128	300714	8.78	ng	Qvalue 98

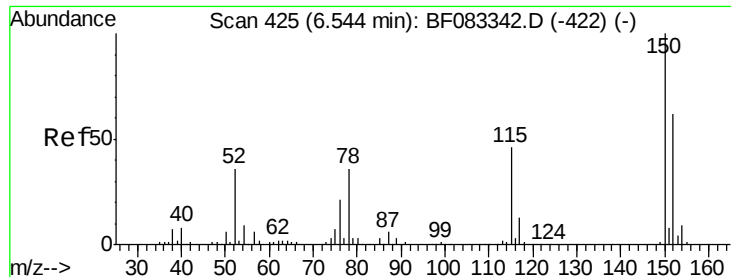
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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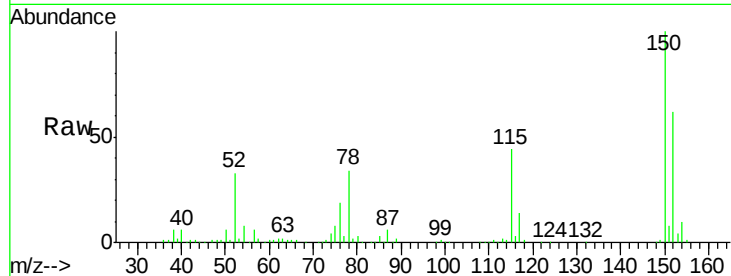


#1

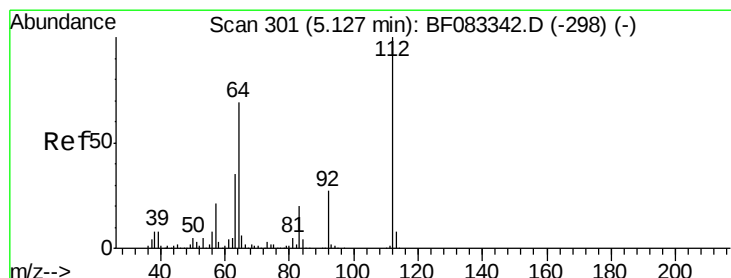
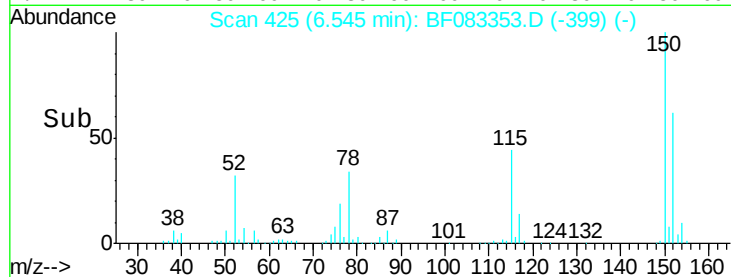
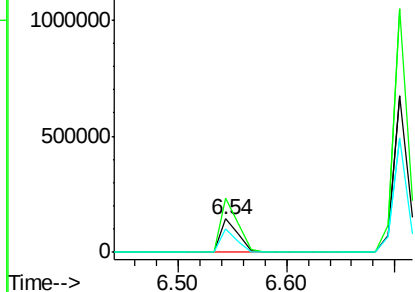
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083353.D
Acq: 1 Dec 2015 00:42

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

Tgt Ion:152 Resp: 161635
Ion Ratio Lower Upper
152 100
150 162.2 129.8 194.8
115 72.0 59.2 88.8



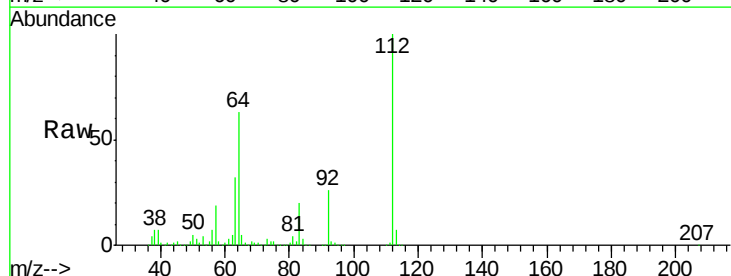
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



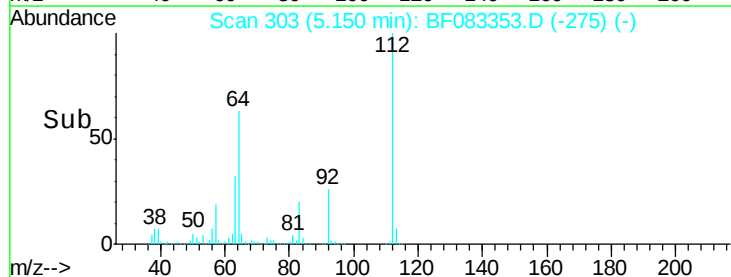
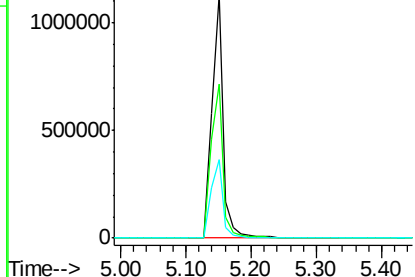
#5

2-Fluorophenol
Concen: 128.17 ng
RT: 5.15 min Scan# 303
Delta R.T. 0.02 min
Lab File: BF083353.D
Acq: 1 Dec 2015 00:42

Tgt Ion:112 Resp: 1380558
Ion Ratio Lower Upper
112 100
64 63.2 55.6 83.4
63 32.1 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: 111.91 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083353.D

Acq: 1 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

DRUM-32-77-COMPOSITE

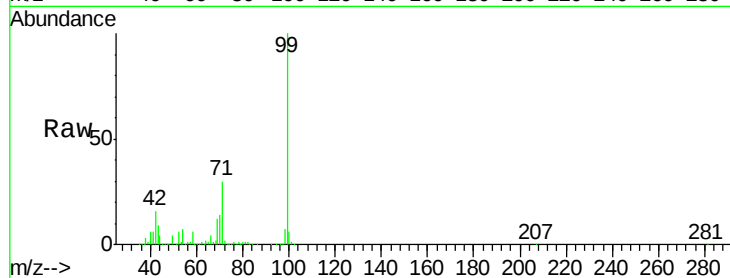
Tgt Ion: 99 Resp: 1649938

Ion Ratio Lower Upper

99 100

42 16.2 14.9 22.3

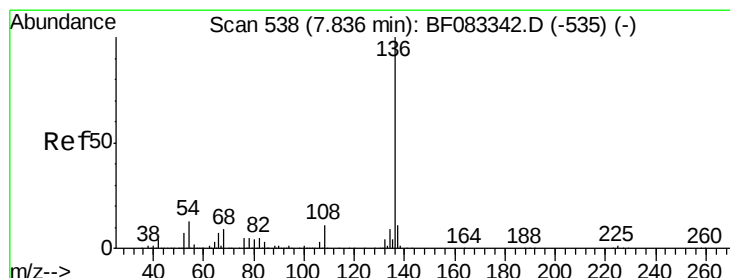
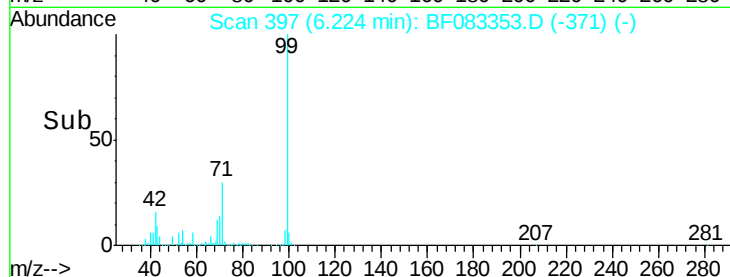
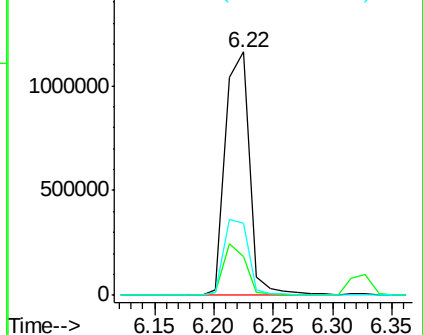
71 29.8 24.7 37.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083353.D

Acq: 1 Dec 2015 00:42

Tgt Ion: 136 Resp: 631244

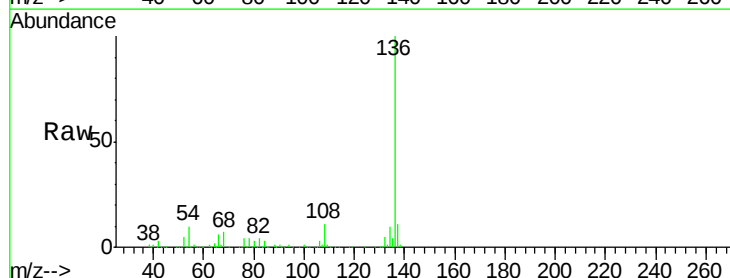
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.7 10.1 15.1#

68 7.2 7.1 10.7

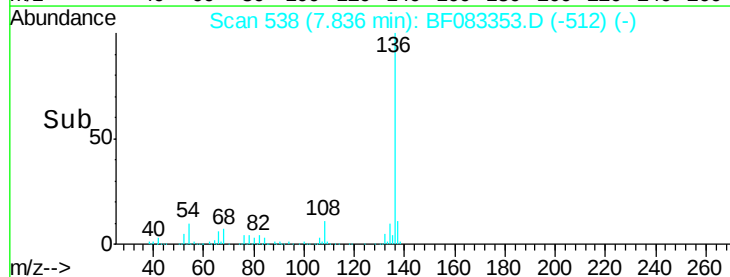
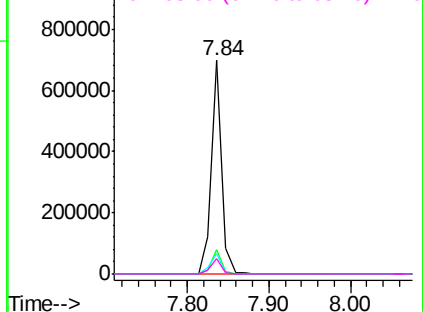


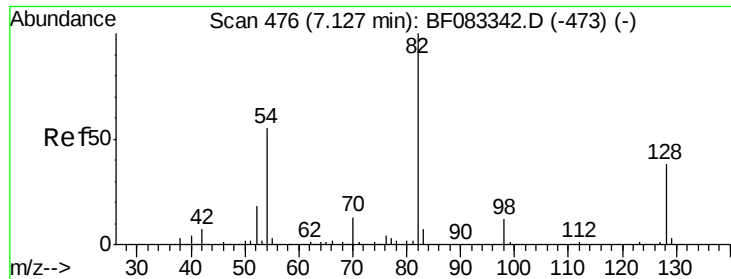
Abundance Ion 136.00 (135.70 to 136.70): E

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

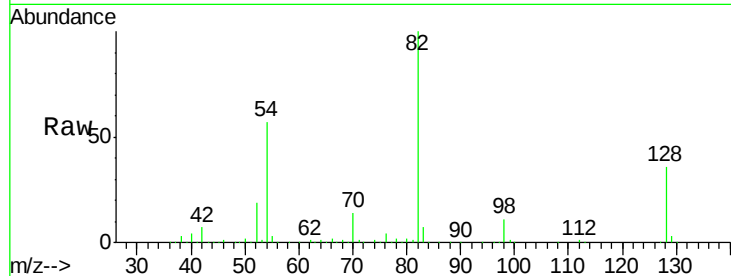




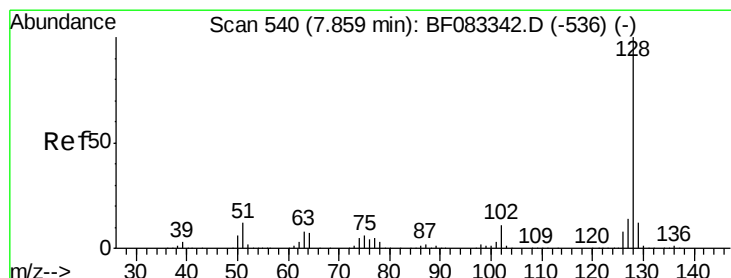
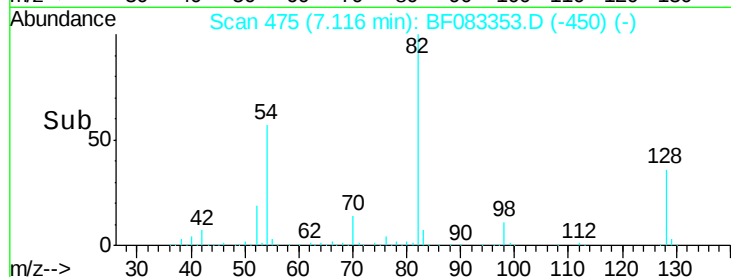
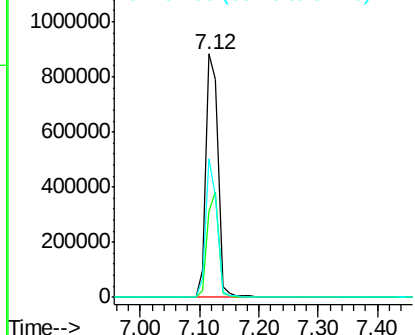
#23
 Nitrobenzene-d5
 Concen: 88.73 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

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

Tgt Ion: 82 Resp: 1274129
 Ion Ratio Lower Upper
 82 100
 128 35.6 30.6 46.0
 54 56.8 43.8 65.6

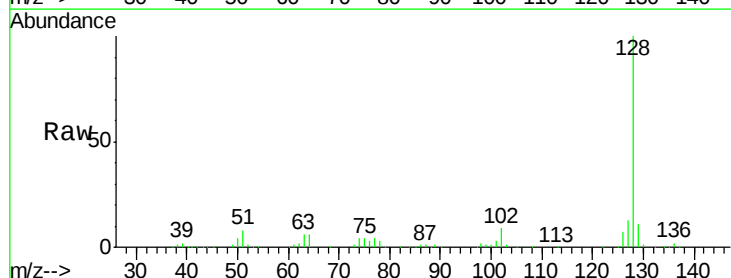


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

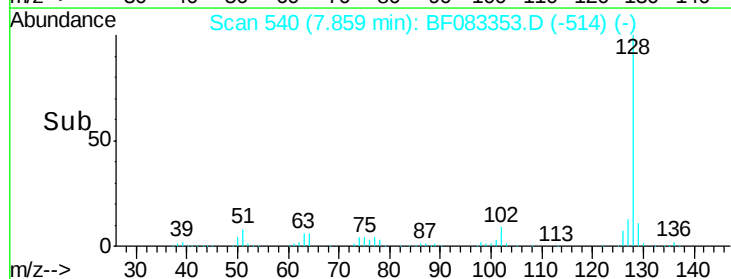
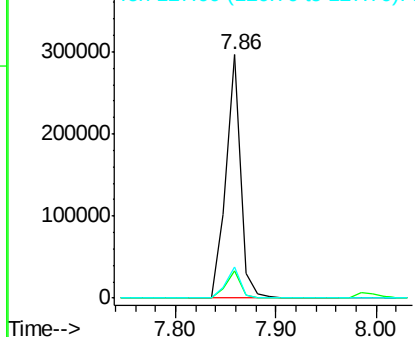


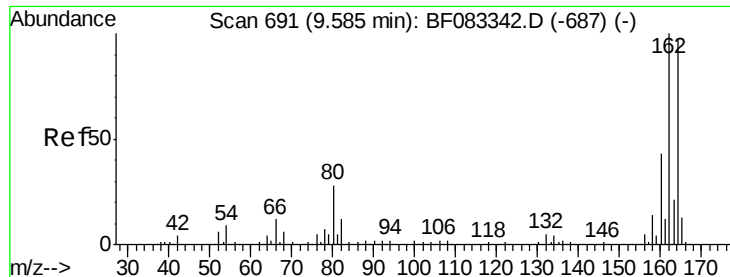
#31
 Naphthalene
 Concen: 8.78 ng
 RT: 7.86 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Tgt Ion: 128 Resp: 300714
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.7 14.5
 127 12.9 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083353.D

Acq: 1 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

DRUM-32-77-COMPOSITE

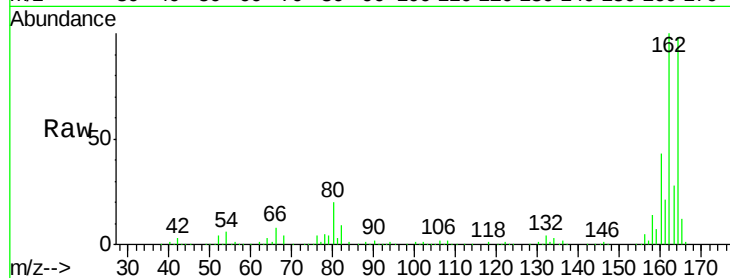
Tgt Ion:164 Resp: 327844

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

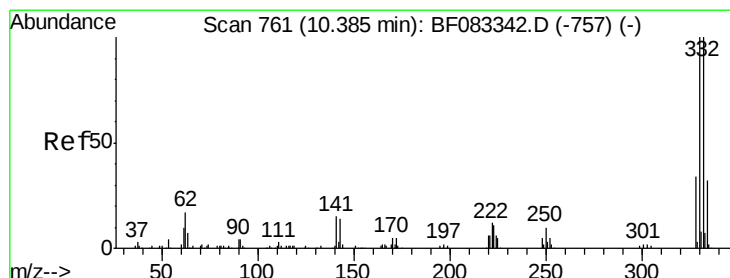
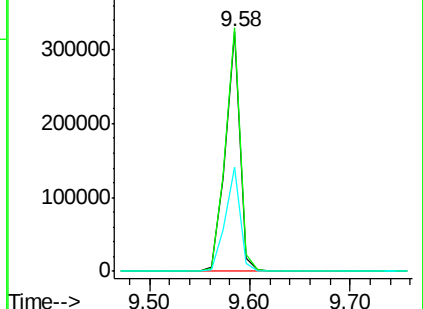
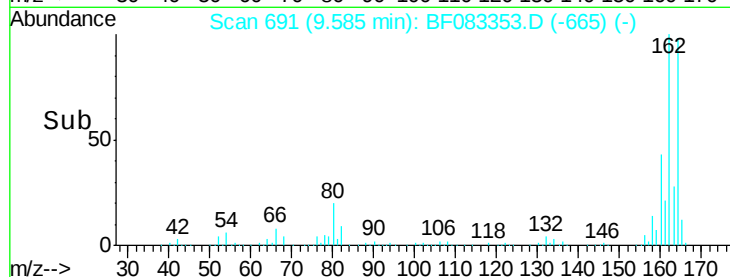
160 43.6 35.3 52.9



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: 126.66 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083353.D

Acq: 1 Dec 2015 00:42

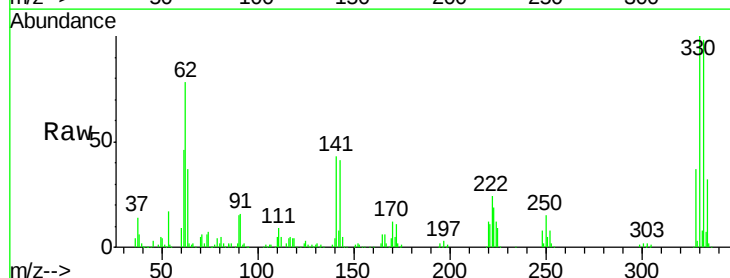
Tgt Ion:330 Resp: 416839

Ion Ratio Lower Upper

330 100

332 98.0 77.8 116.6

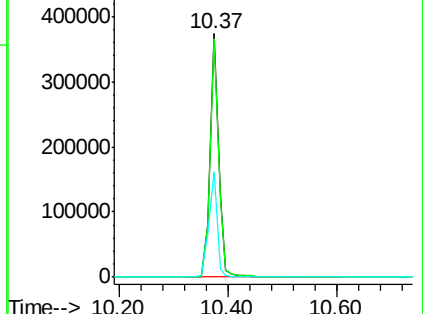
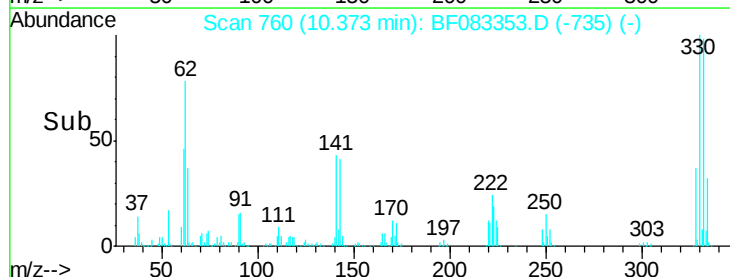
141 41.3 29.4 44.0

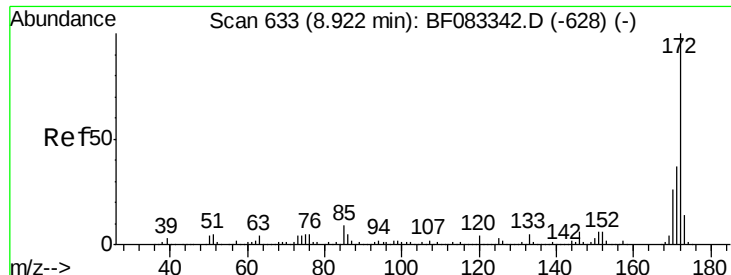


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

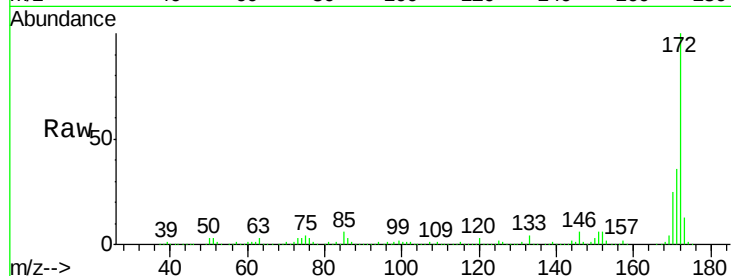




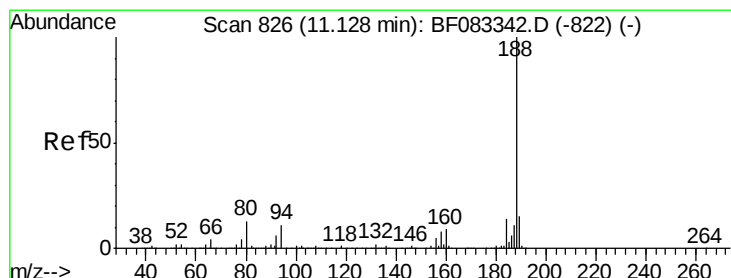
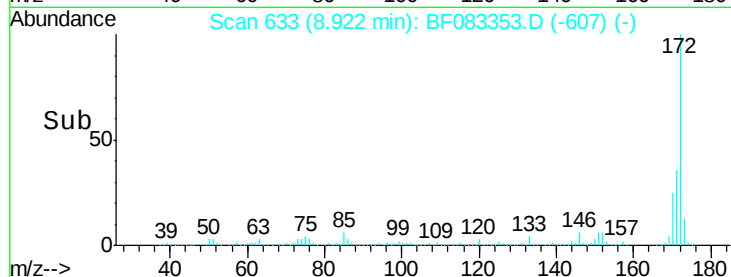
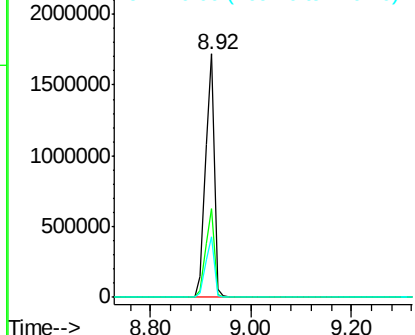
#44
 2-Fluorobiphenyl
 Concen: 90.81 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

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

Tgt Ion:172 Resp: 2089253
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.9 20.4 30.6

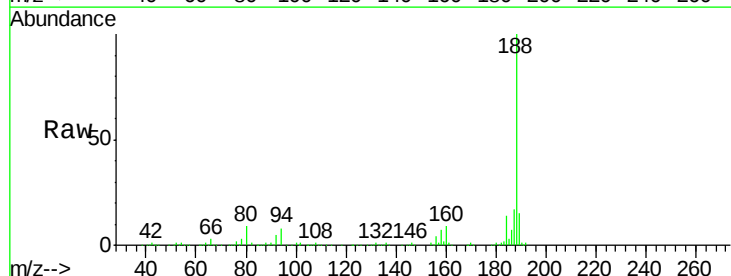


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

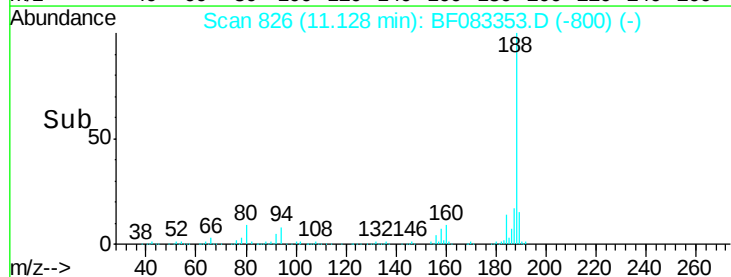
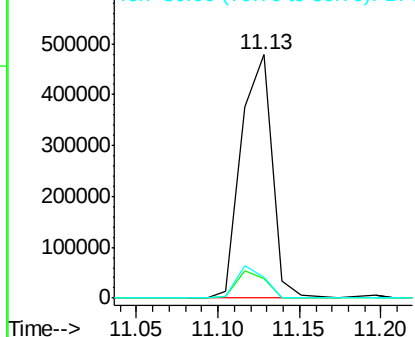


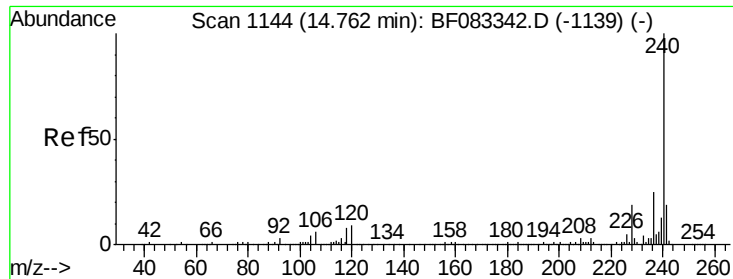
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF083353.D
 Acq: 1 Dec 2015 00:42

Tgt Ion:188 Resp: 624223
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.7 13.1#
 80 8.6 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

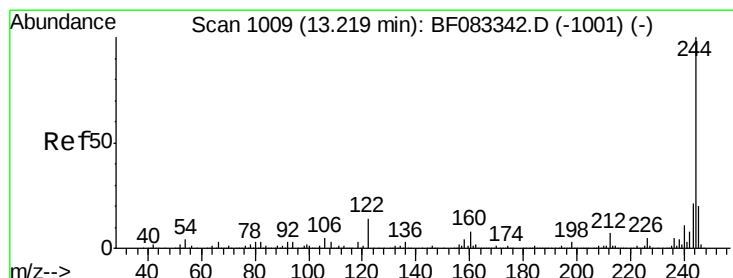
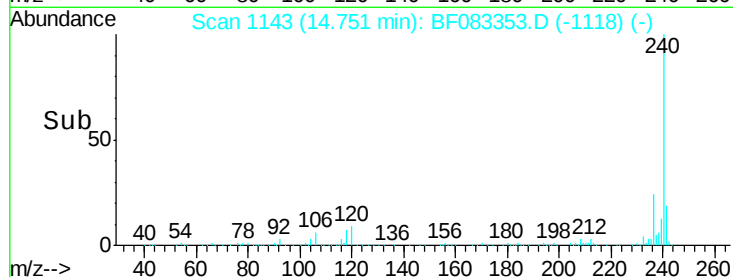
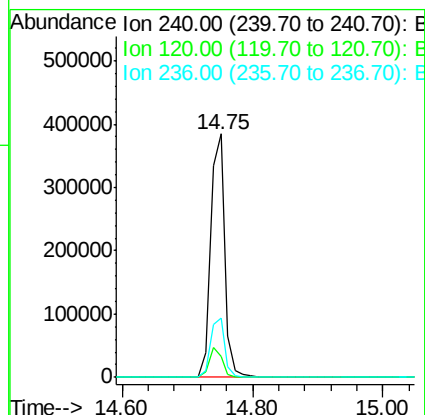
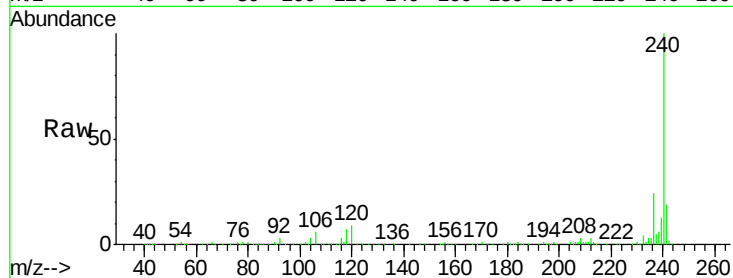




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083353.D
Acq: 1 Dec 2015 00:42

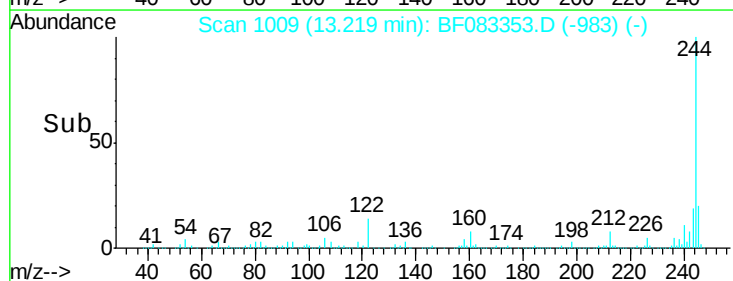
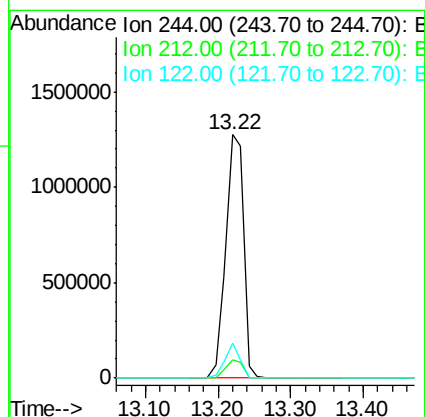
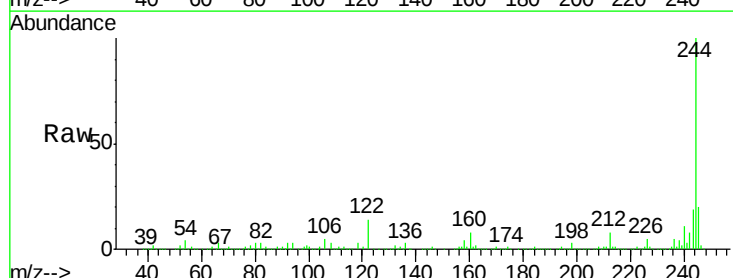
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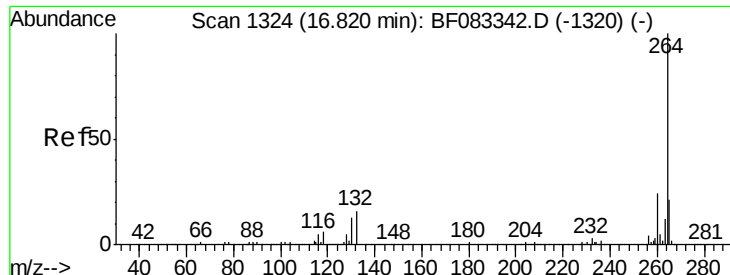
Tgt Ion:240 Resp: 583500
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 24.3 19.8 29.6



#78
Terphenyl-d14
Concen: 88.91 ng
RT: 13.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF083353.D
Acq: 1 Dec 2015 00:42

Tgt Ion:244 Resp: 2175410
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 14.4 11.0 16.4

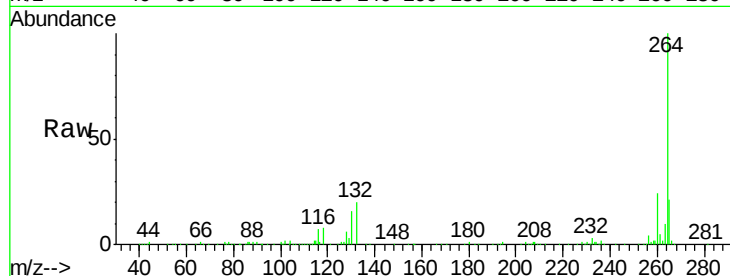




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.81 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF083353.D
Acq: 1 Dec 2015 00:42

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.4	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

