

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093341.D
 Acq On : 3 Mar 2017 00:40
 Operator : SJ/MA
 Sample : I2056-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13B-12

Quant Time: Mar 03 01:27:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

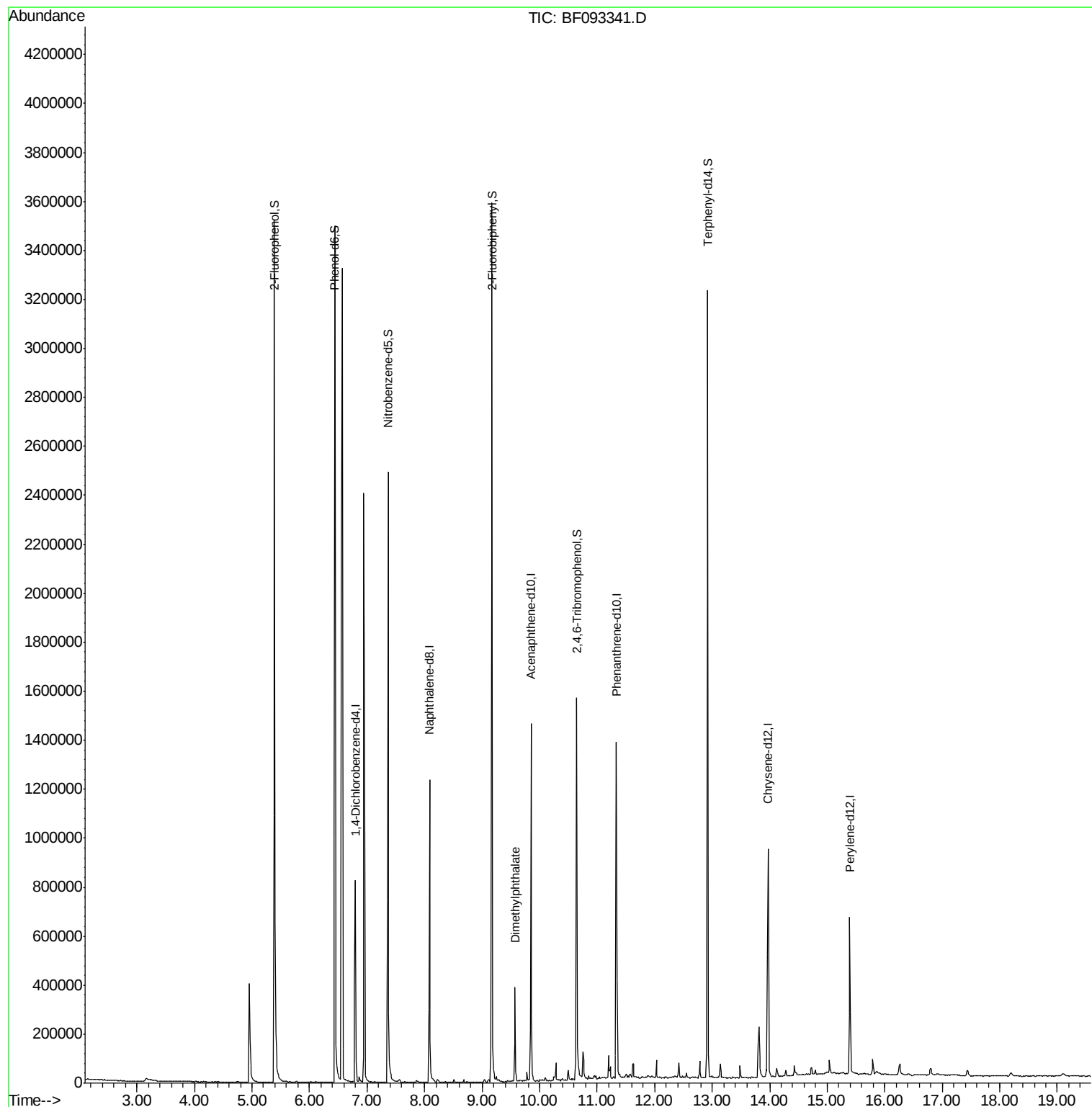
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149050	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	599758	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	286110	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	529837	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	386871	20.00	ng	-0.01
86) Perylene-d12	15.39	264	266736	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1075731	123.82	ng	0.00
7) Phenol-d6	6.44	99	1306436	116.87	ng	-0.01
23) Nitrobenzene-d5	7.37	82	884026	82.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	264763	127.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1405955	89.03	ng	0.00
78) Terphenyl-d14	12.92	244	1191056	72.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	181276	9.41	ng	Qvalue 99

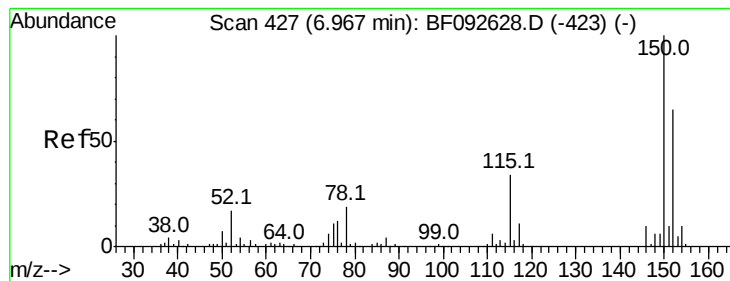
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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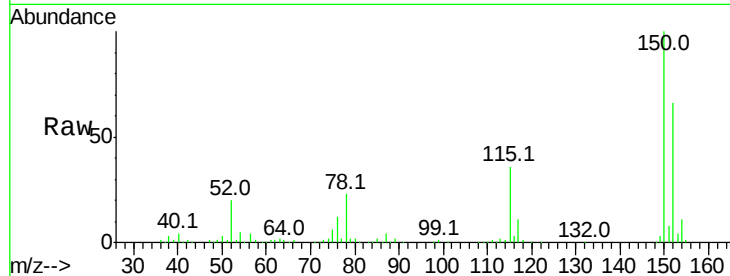


#1

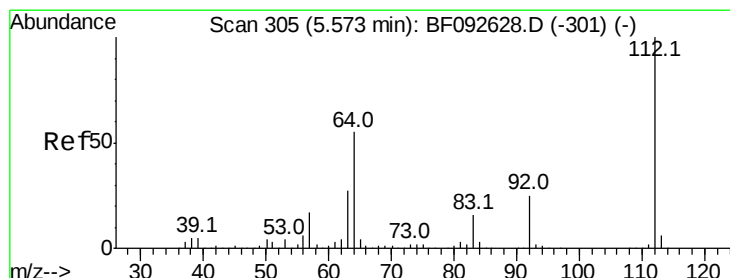
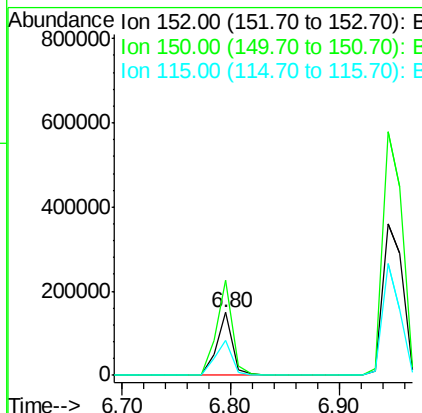
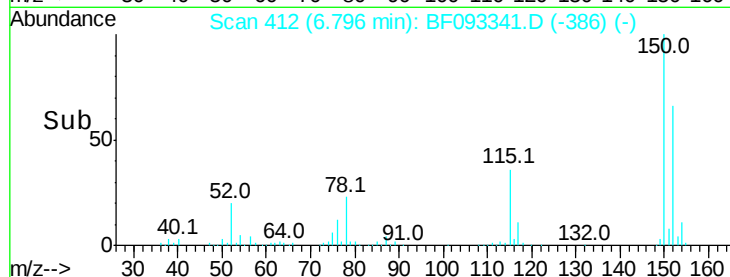
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093341.D
Acq: 3 Mar 2017 00:40

Instrument :
BNA_F
ClientSampleId :
13B-12

Tot Ion:152 Resp: 149050
Ion Ratio Lower Upper
152 100
150 152.5 124.9 187.3
115 54.8 46.0 69.0



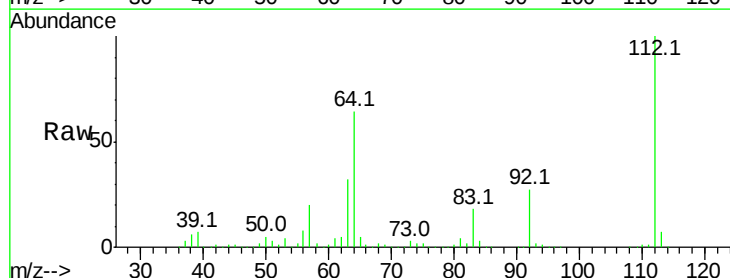
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



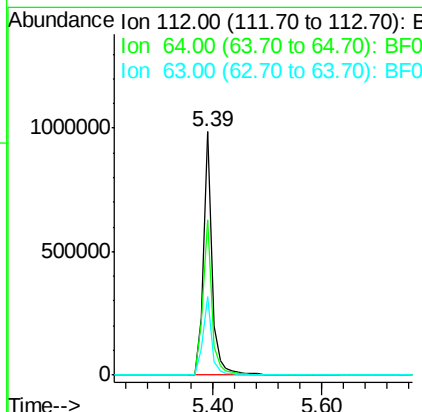
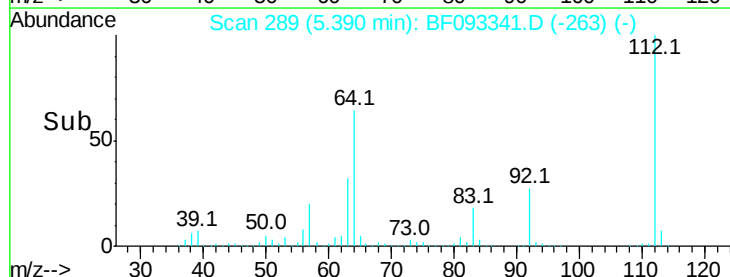
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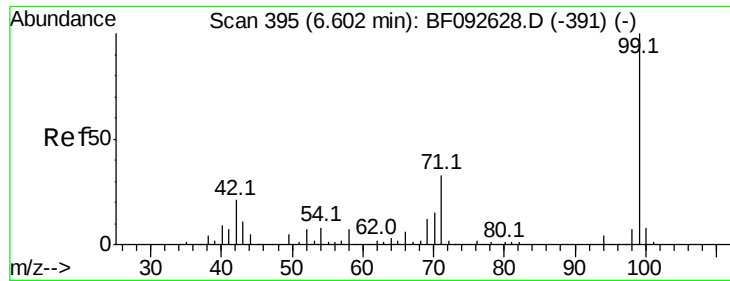
2-Fluorophenol
Concen: 123.82 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF093341.D
Acq: 3 Mar 2017 00:40

Tgt Ion:112 Resp: 1075731
Ion Ratio Lower Upper
112 100
64 63.9 46.1 69.1
63 32.4 23.8 35.6



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: 116.87 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

13B-12

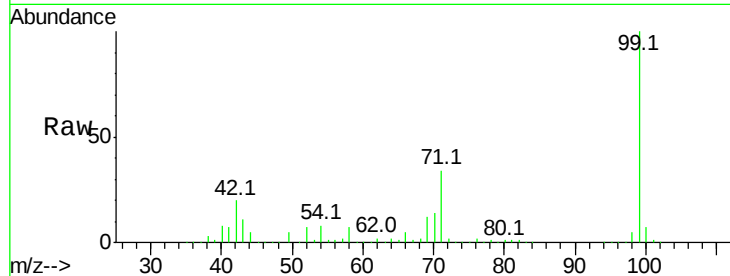
Tot Ion: 99 Resp: 1306436

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

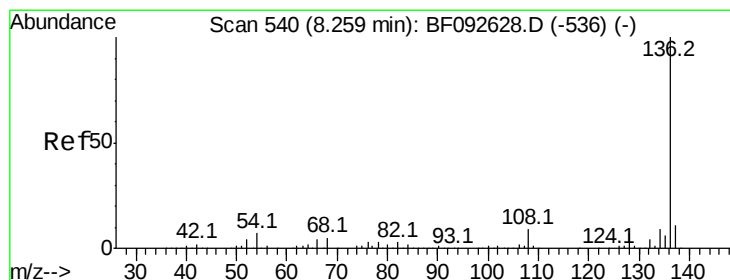
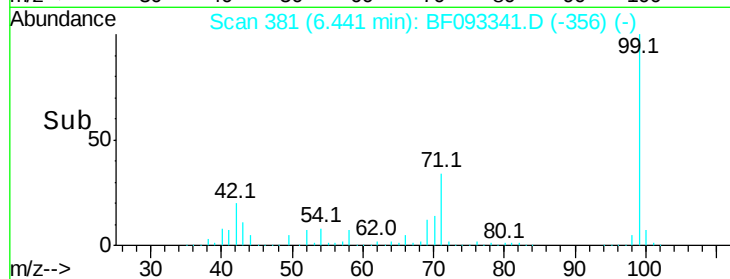
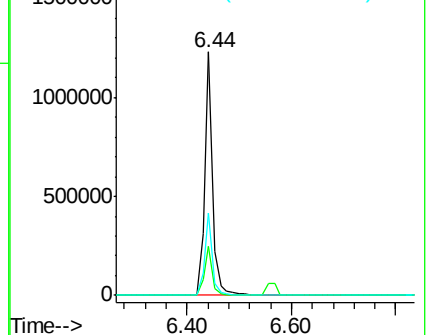
71 33.6 27.5 41.3



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: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Tgt Ion:136 Resp: 599758

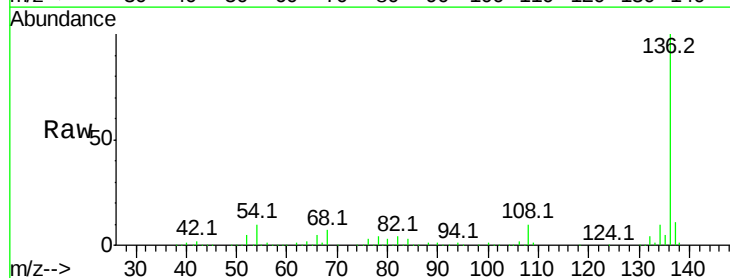
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.7 4.5 6.7#

68 7.1 3.6 5.4#

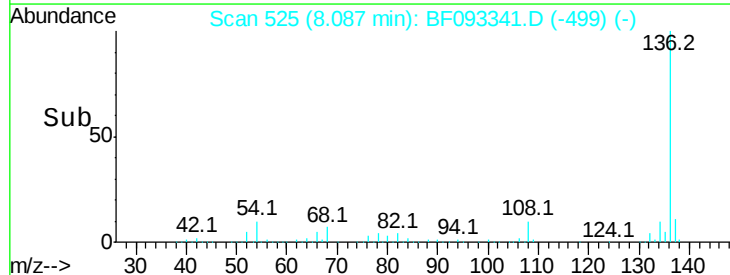
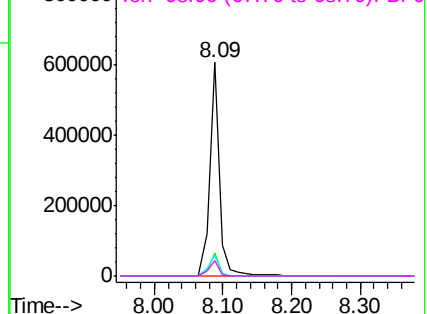


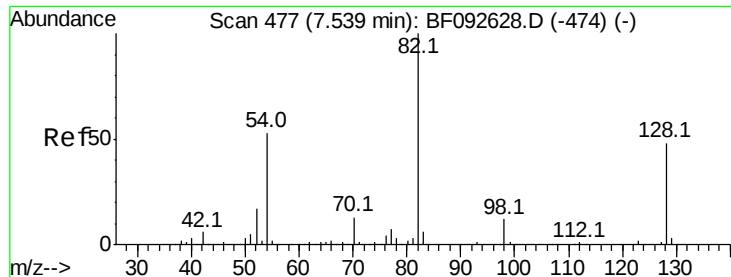
Abundance Ion 136.00 (135.70 to 136.70): E

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

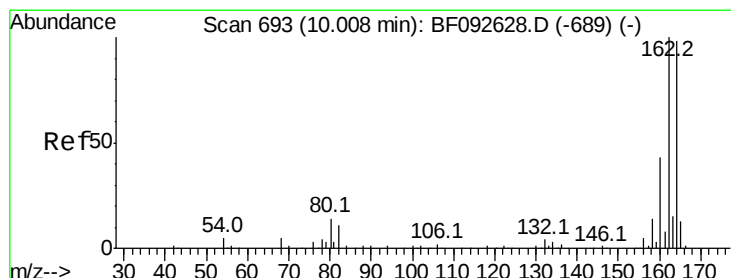
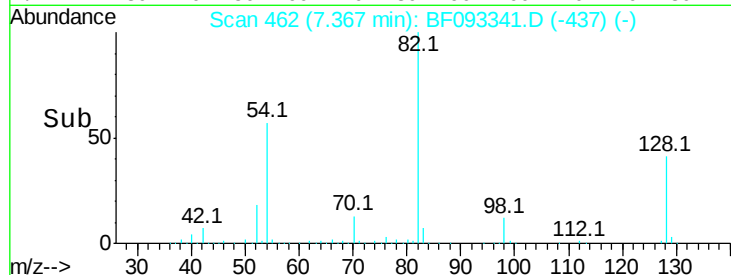
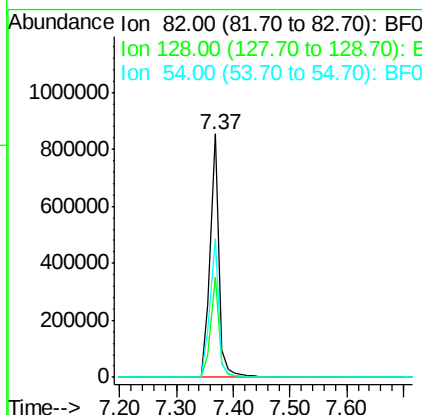
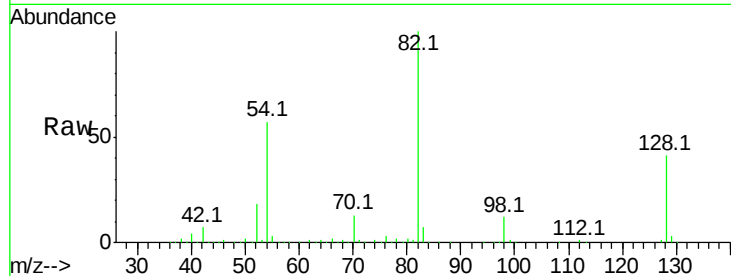




#23
 Nitrobenzene-d5
 Concen: 82.08 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

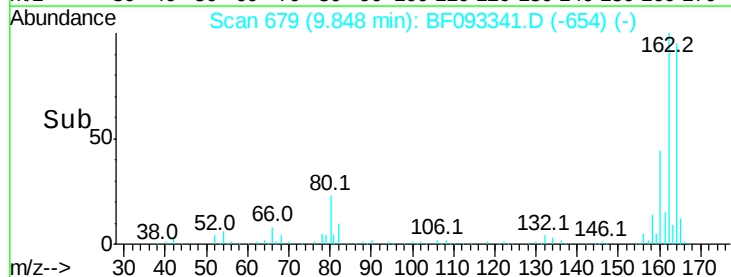
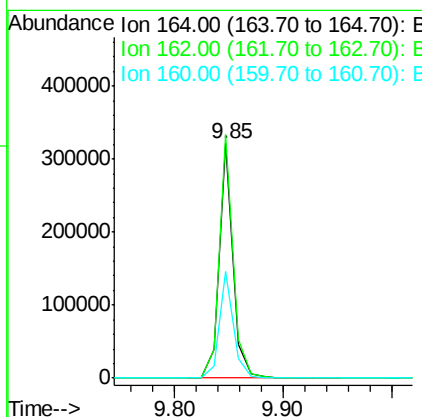
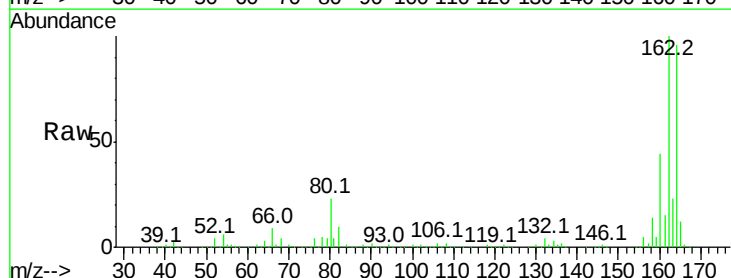
Instrument :
 BNA_F
 ClientSampleId :
 13B-12

Tot Ion	82	Resp	884026
Ion Ratio	100		
Lower	34.6		
Upper	52.0		
54	56.8		
	39.5		
	59.3		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Tgt Ion	164	Resp	286110
Ion Ratio	100		
Lower	80.2		
Upper	120.2		
162	104.0		
160	45.5		
	36.9		
	55.3		

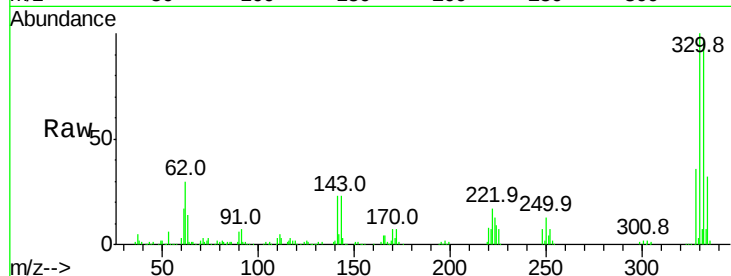




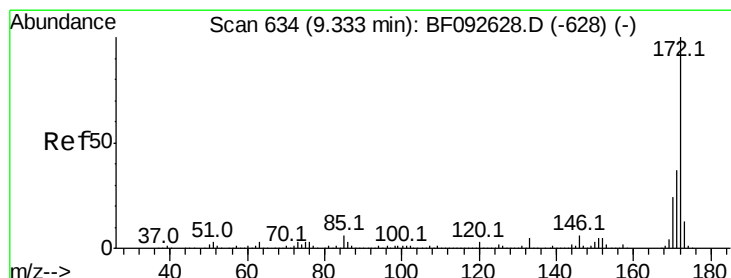
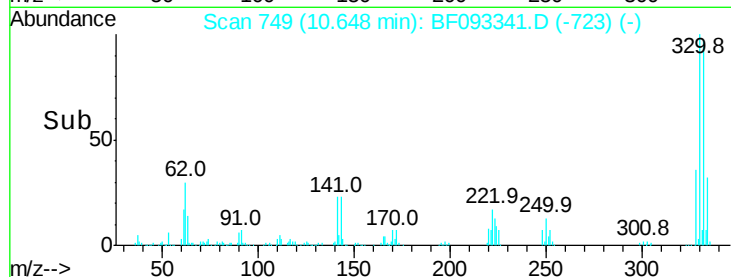
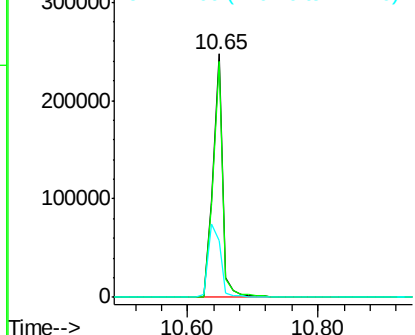
#41
 2,4,6-Tribromophenol
 Concen: 127.95 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 13B-12

Tot Ion:330 Resp: 264763
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 37.7 34.1 51.1

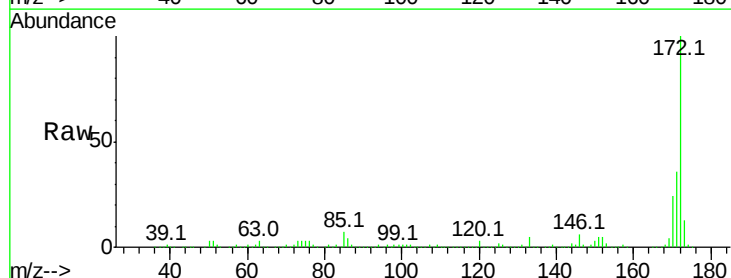


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

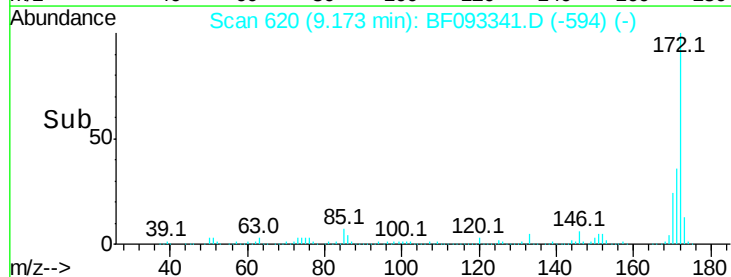
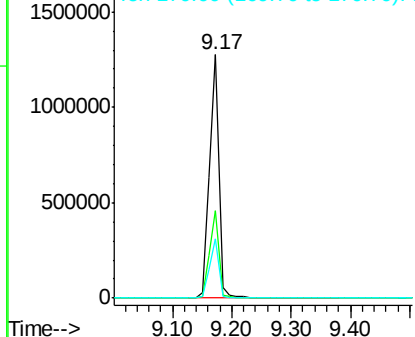


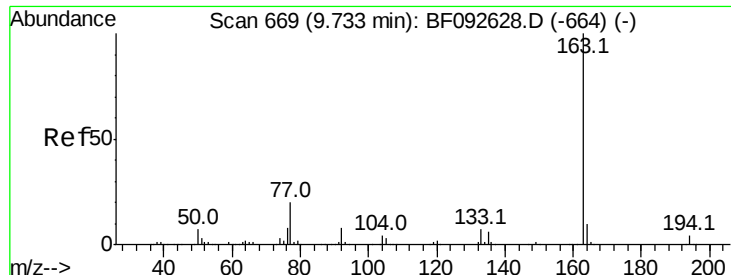
#44
 2-Fluorobiphenyl
 Concen: 89.03 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Tgt Ion:172 Resp: 1405955
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 20.2 30.4



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: 9.41 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

Instrument :

BNA_F

ClientSampleId :

13B-12

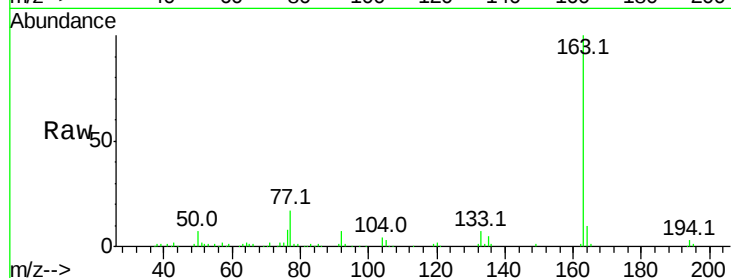
Tot Ion:163 Resp: 181276

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

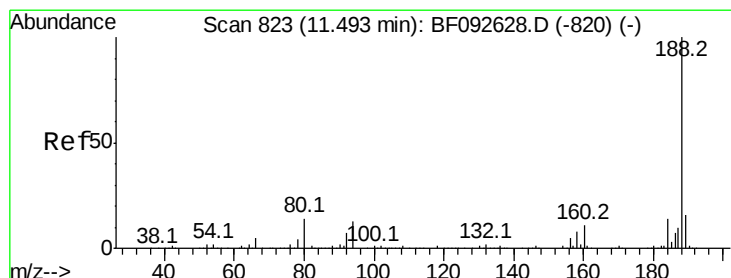
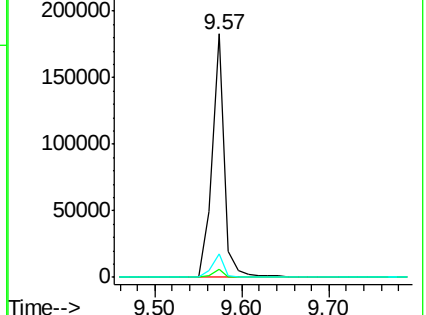
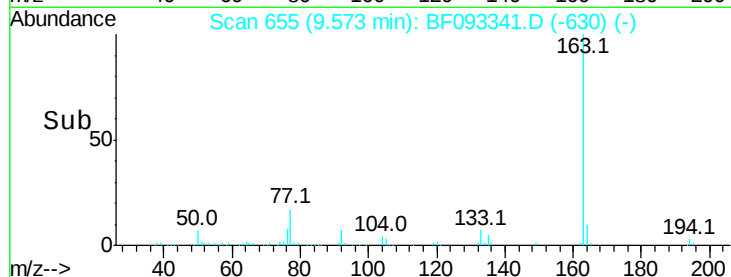
164 9.7 8.0 12.0



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: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF093341.D

Acq: 3 Mar 2017 00:40

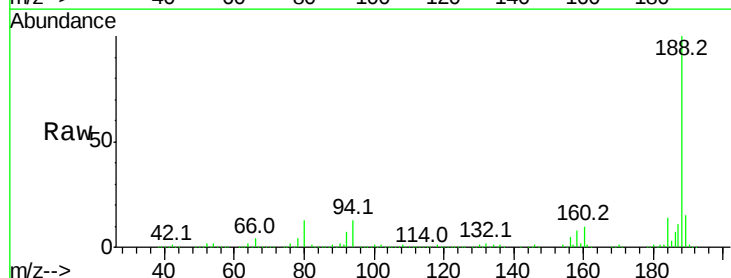
Tgt Ion:188 Resp: 529837

Ion Ratio Lower Upper

188 100

94 12.6 10.0 15.0

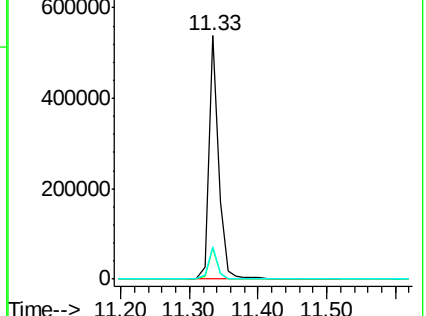
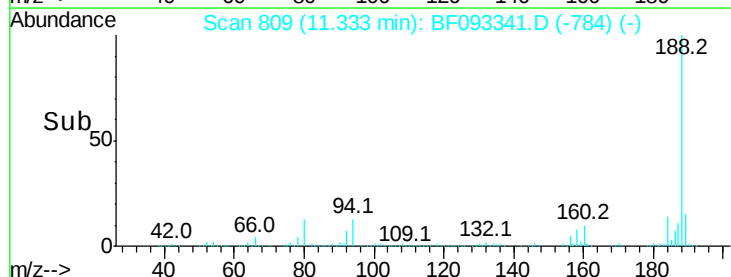
80 13.4 11.2 16.8

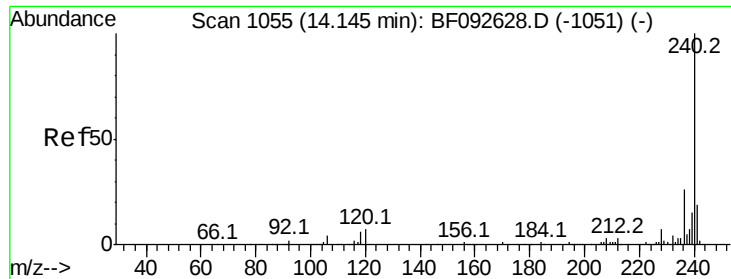


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

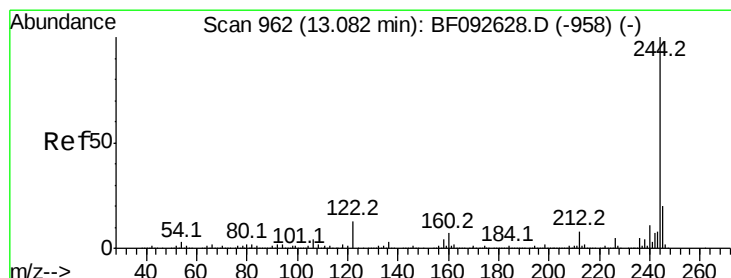
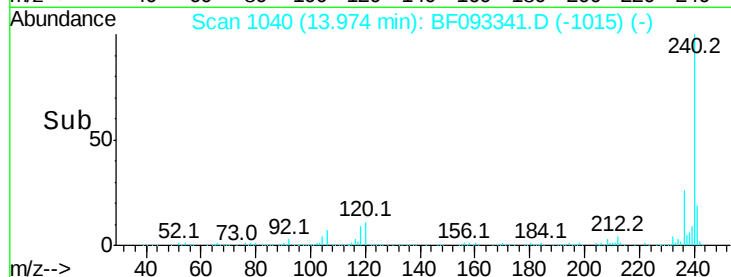
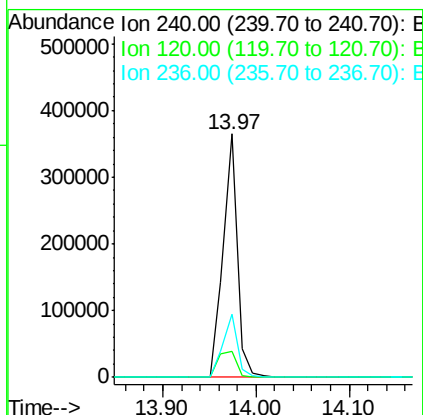
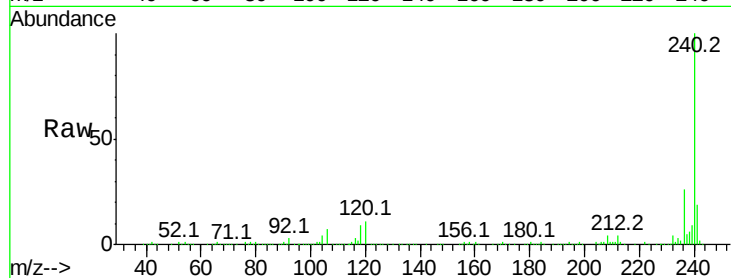




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

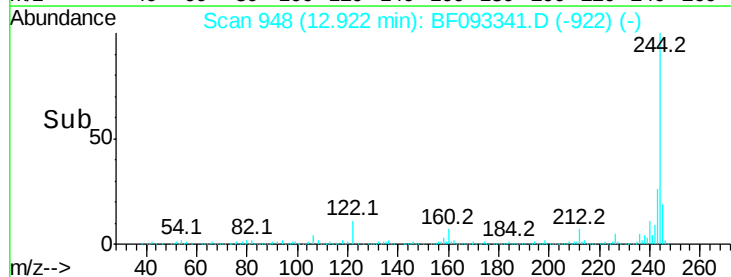
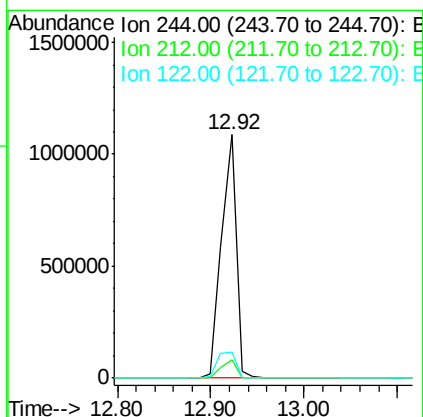
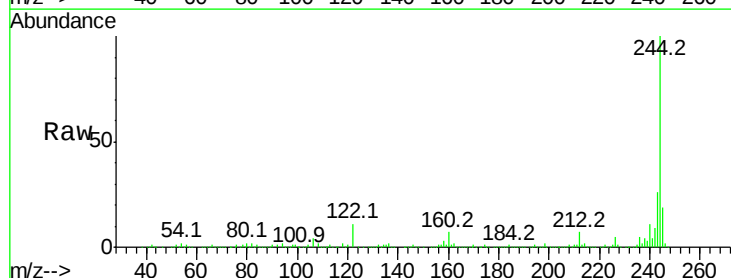
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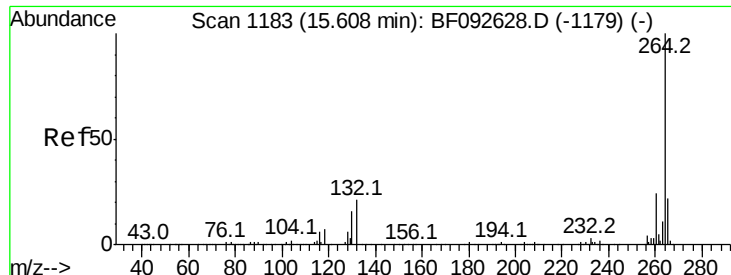
Tot Ion:240 Resp: 386871
 Ion Ratio Lower Upper
 240 100
 120 10.5 12.9 19.3#
 236 26.1 20.9 31.3



#78
 Terphenyl-d14
 Concen: 72.34 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Tgt Ion:244 Resp: 1191056
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 10.7 11.4 17.2#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF093341.D
 Acq: 3 Mar 2017 00:40

Instrument :
 BNA_F
 ClientSampleId :
 13B-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.4	26.0

