

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093331.D
 Acq On : 2 Mar 2017 20:05
 Operator : SJ/MA
 Sample : I2052-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS113051

Quant Time: Mar 03 01:11:05 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

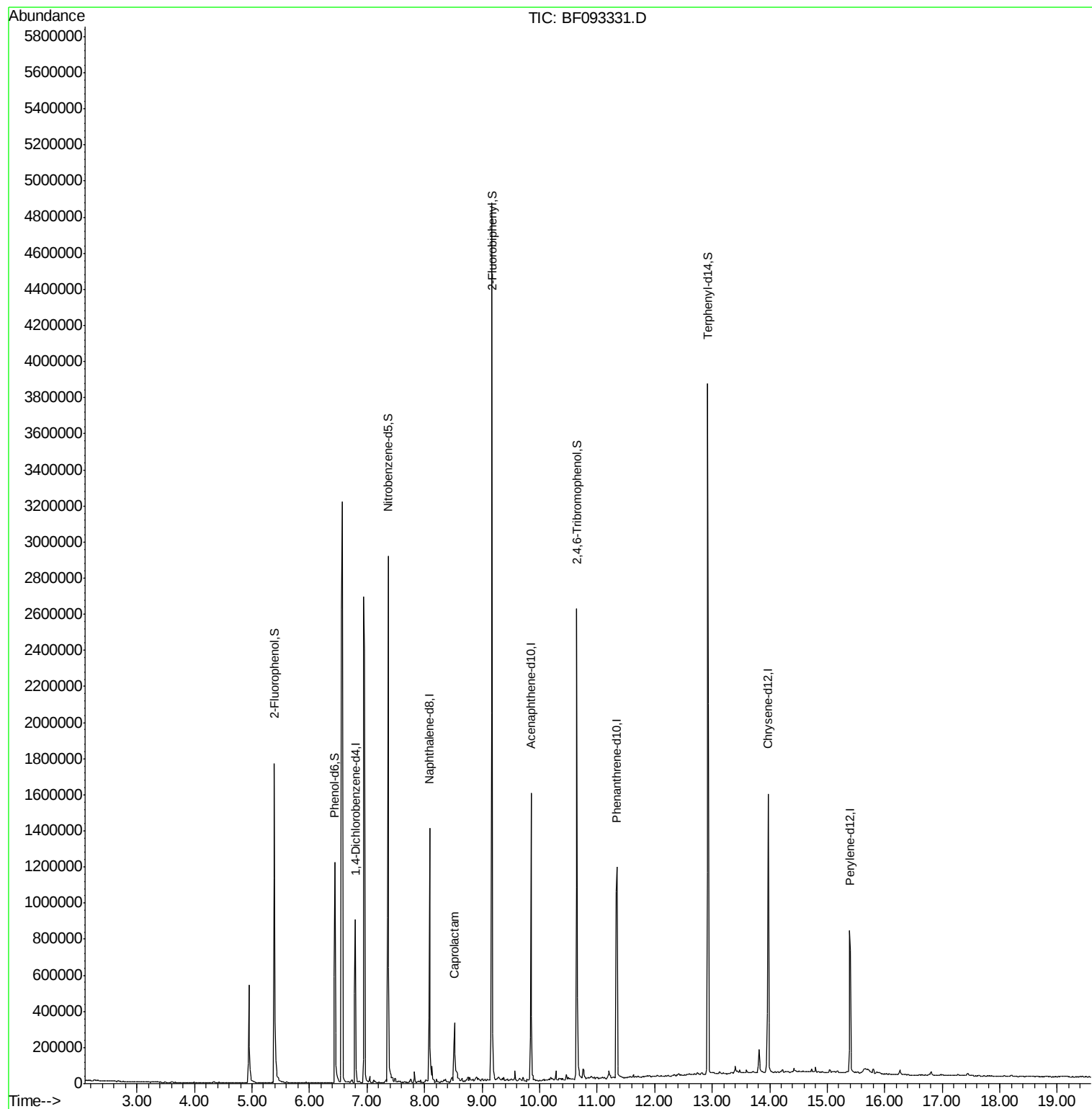
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	167738	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	664030	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	320314	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	622132	20.00	ng	0.00
75) Chrysene-d12	13.97	240	540378	20.00	ng	-0.01
86) Perylene-d12	15.39	264	411905	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	681868	69.74	ng	0.00
7) Phenol-d6	6.44	99	537793	42.75	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1070736	89.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	329825	142.37	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1727902	97.73	ng	0.00
78) Terphenyl-d14	12.92	244	1612449	70.11	ng	0.00
Target Compounds						
35) Caprolactam	8.52	113	47234	15.75	ng	Qvalue # 32

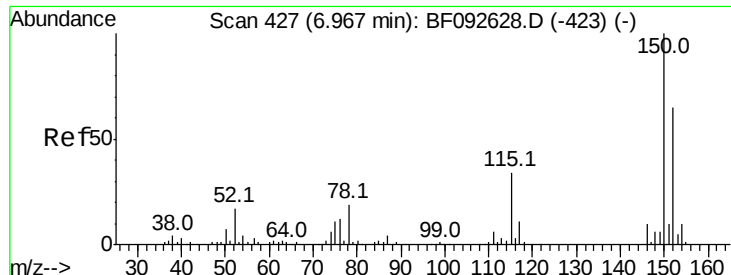
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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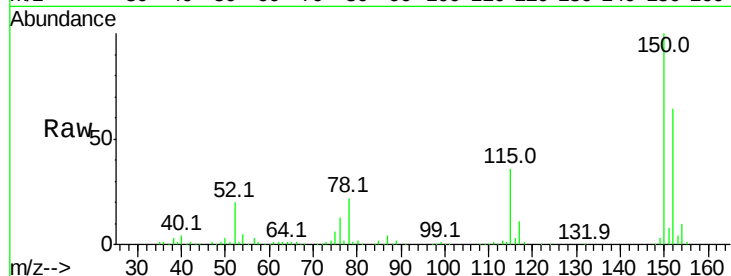


#1

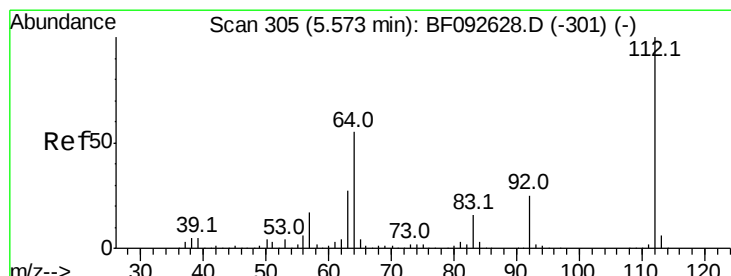
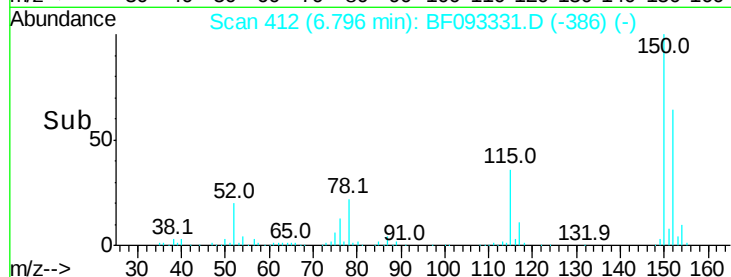
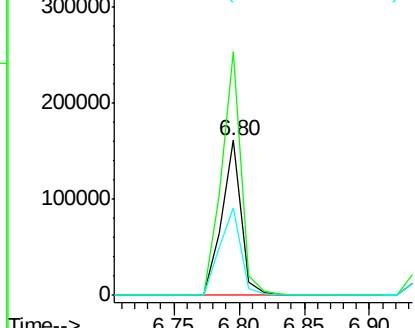
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF093331.D
 Acq: 2 Mar 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :
 CPS113051

Tot Ion:152 Resp: 167738
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.9 187.3
 115 56.5 46.0 69.0



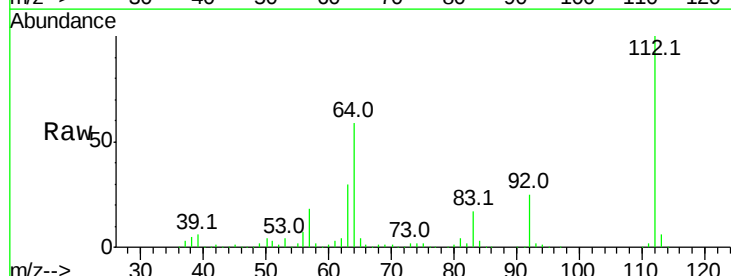
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



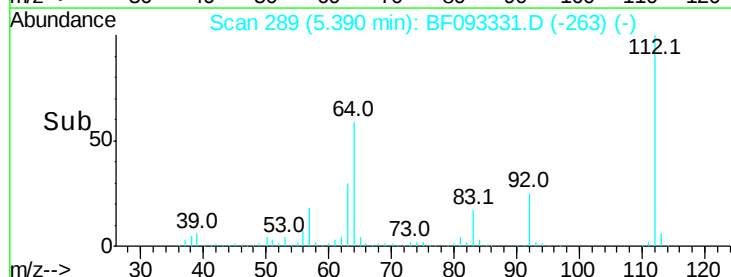
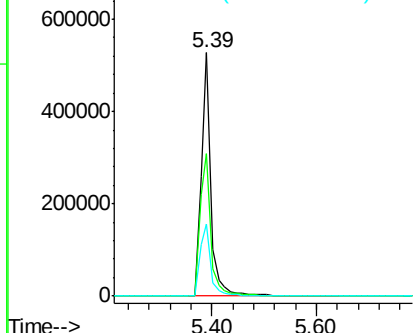
#5

2-Fluorophenol
 Concen: 69.74 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: BF093331.D
 Acq: 2 Mar 2017 20:05

Tgt Ion:112 Resp: 681868
 Ion Ratio Lower Upper
 112 100
 64 58.5 46.1 69.1
 63 29.8 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: 42.75 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093331.D

Acq: 2 Mar 2017 20:05

Instrument :

BNA_F

ClientSampleId :

CPS113051

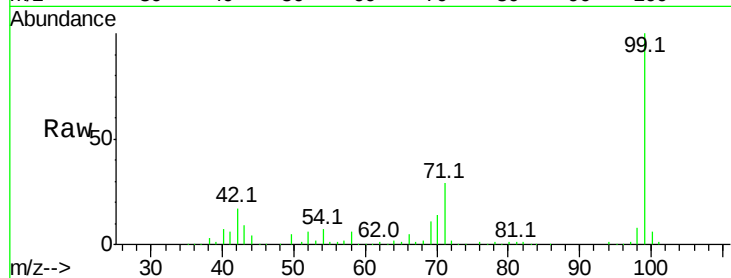
Tot Ion: 99 Resp: 537793

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

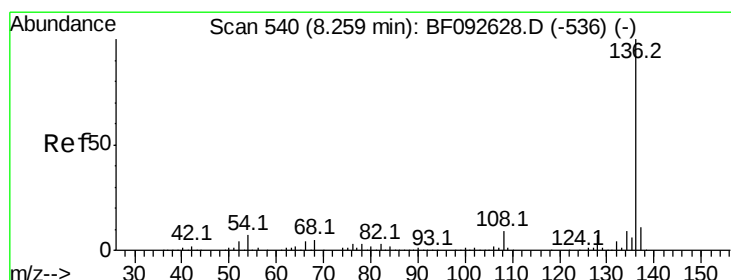
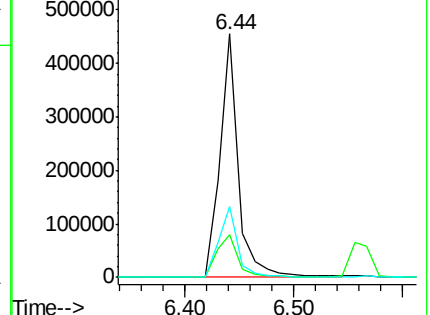
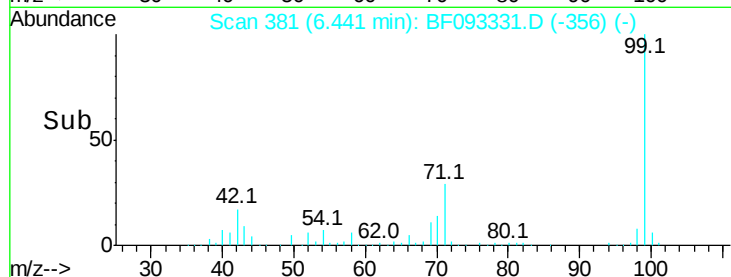
71 28.9 27.5 41.3



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: BF093331.D

Acq: 2 Mar 2017 20:05

Tgt Ion: 136 Resp: 664030

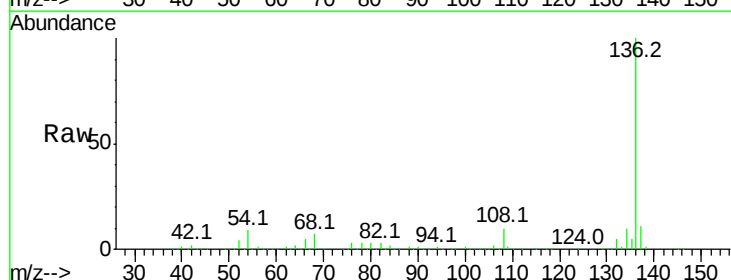
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.4 4.5 6.7#

68 6.6 3.6 5.4#

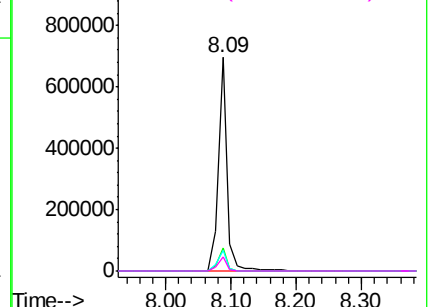
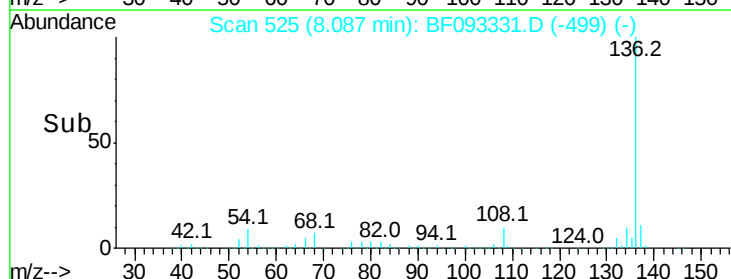


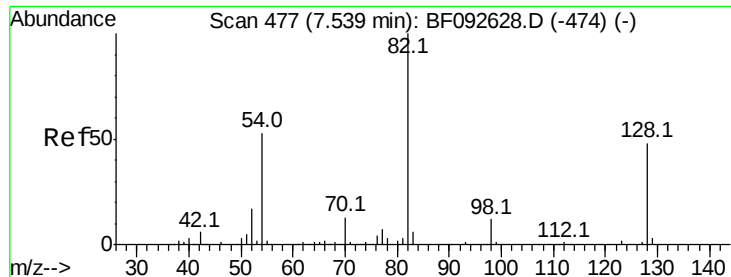
Abundance Ion 136.00 (135.70 to 136.70): E

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

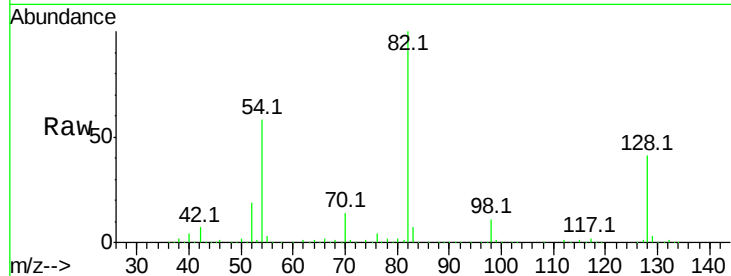




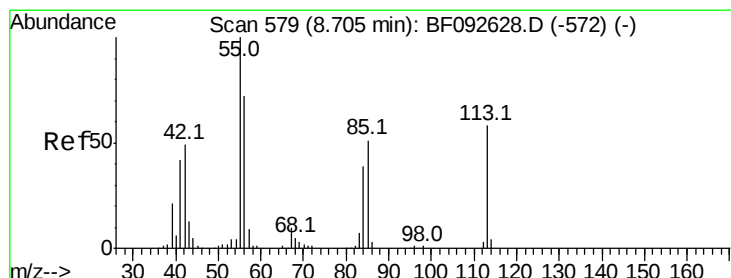
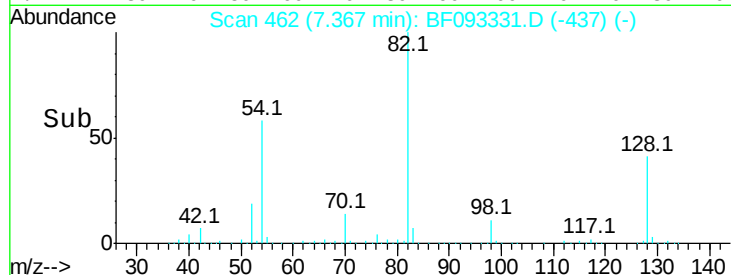
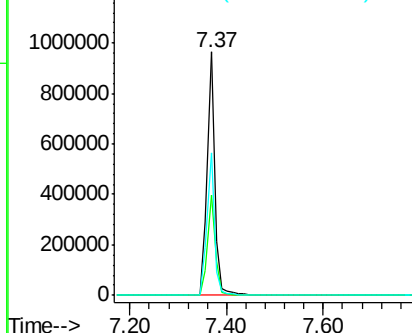
#23
 Nitrobenzene-d5
 Concen: 89.79 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF093331.D
 Acq: 2 Mar 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :
 CPS113051

Tot Ion: 82 Resp: 1070736
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 58.3 39.5 59.3

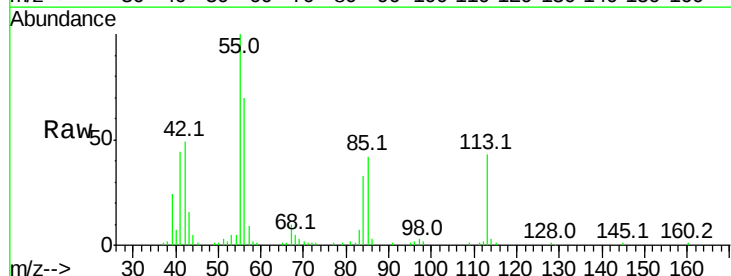


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

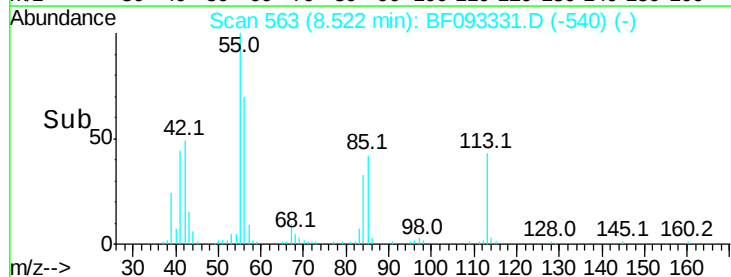
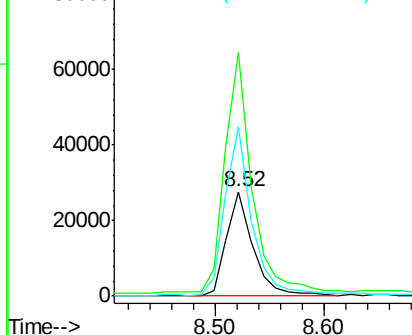


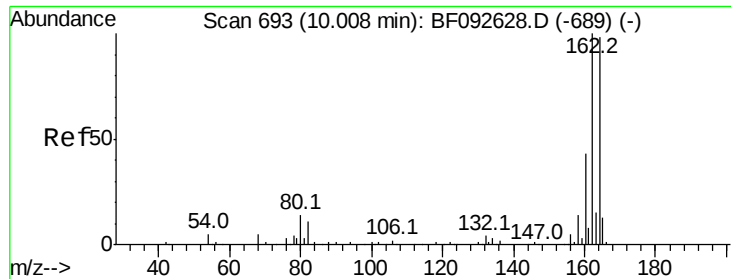
#35
 Caprolactam
 Concen: 15.75 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.03 min
 Lab File: BF093331.D
 Acq: 2 Mar 2017 20:05

Tgt Ion: 113 Resp: 47234
 Ion Ratio Lower Upper
 113 100
 55 232.5 119.2 159.2#
 56 161.9 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): BF0
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093331.D

Acq: 2 Mar 2017 20:05

Instrument :

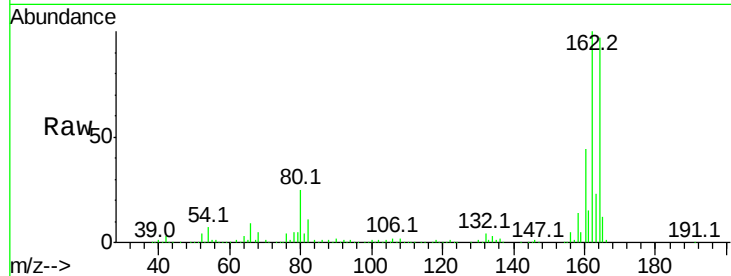
BNA_F

ClientSampleId :

CPS113051

Tot Ion:164 Resp: 320314

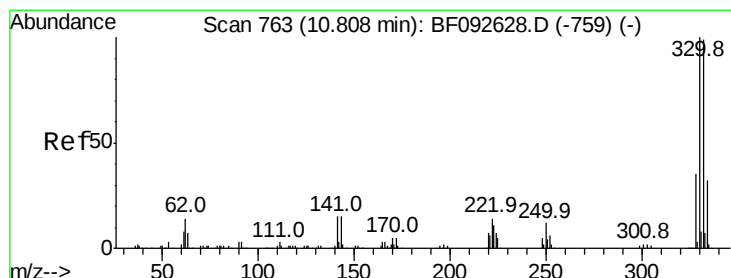
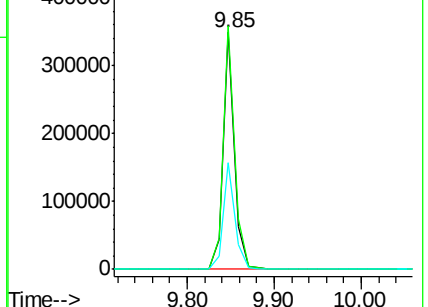
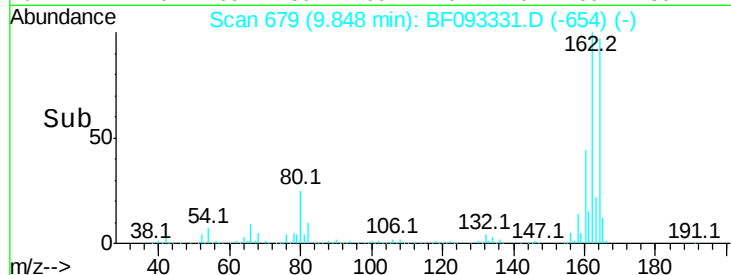
Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	44.9	36.9	55.3



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: 142.37 ng

RT: 10.65 min Scan# 749

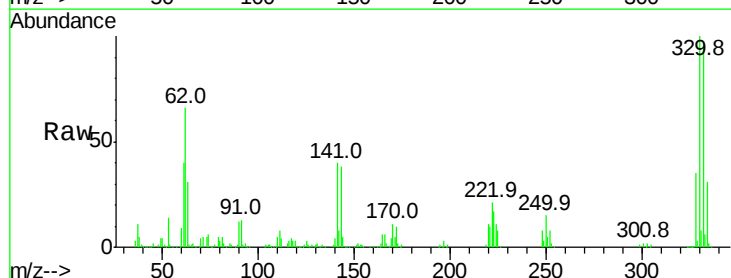
Delta R.T. -0.00 min

Lab File: BF093331.D

Acq: 2 Mar 2017 20:05

Tgt Ion:330 Resp: 329825

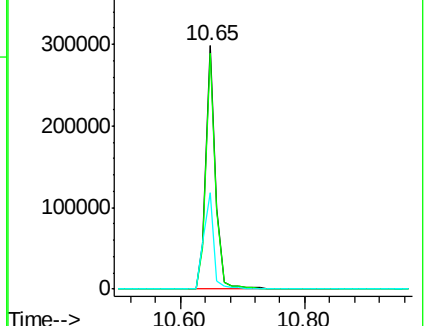
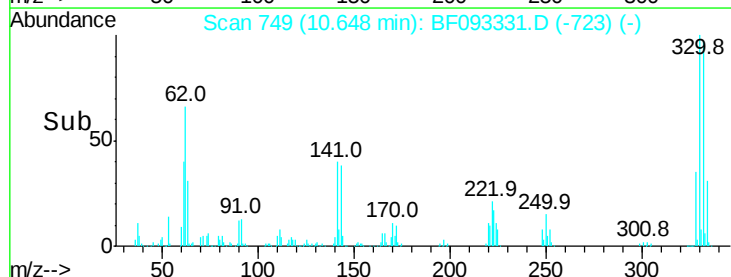
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	40.9	34.1	51.1



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



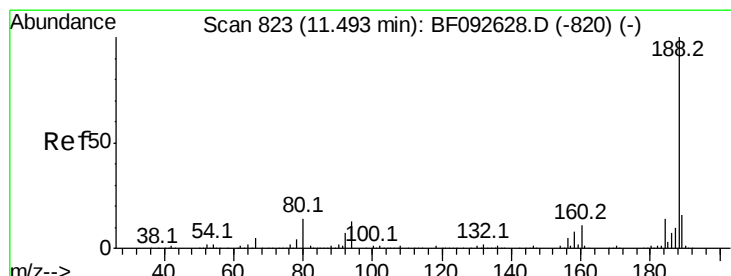
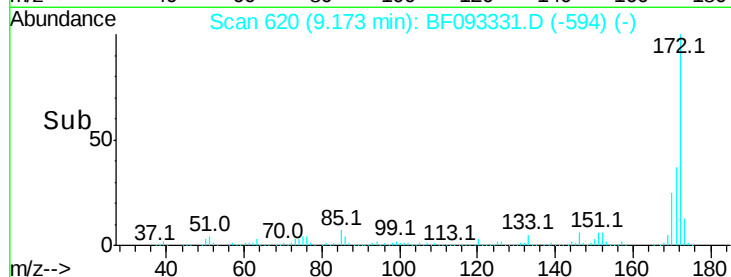
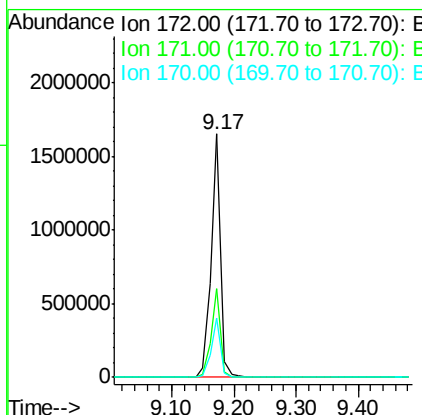
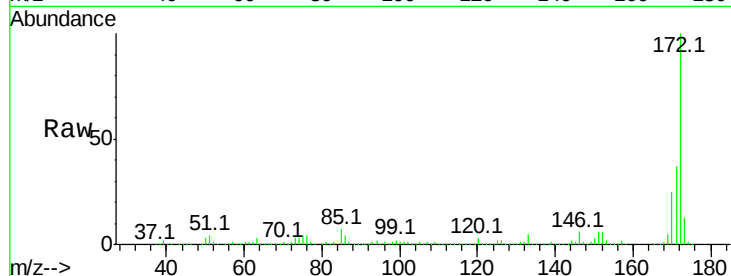


#44
 2-Fluorobiphenyl
 Concen: 97.73 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093331.D
 Acq: 2 Mar 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :
 CPS113051

Tot Ion:172 Resp: 1727902

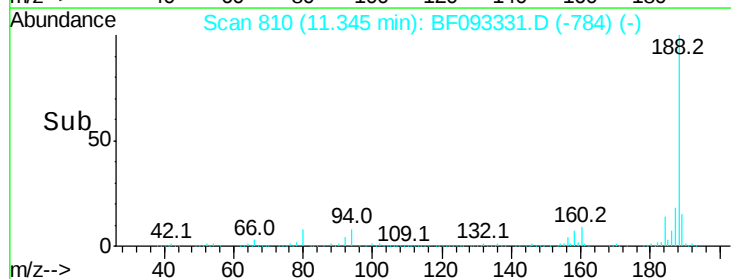
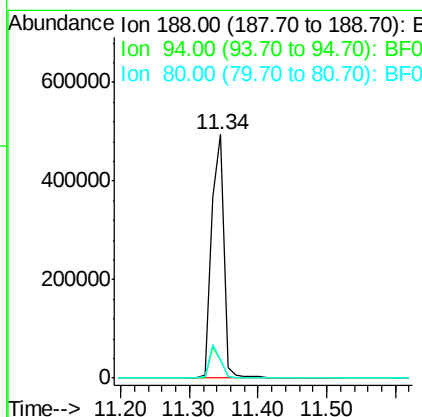
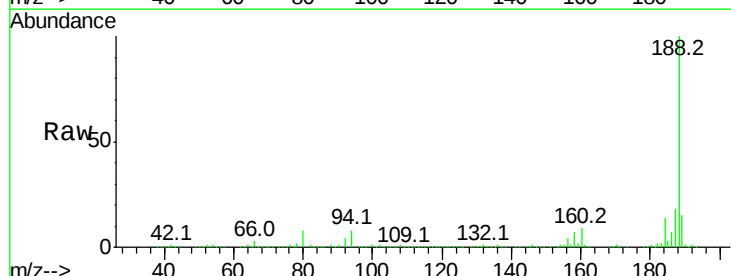
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.5	20.2	30.4

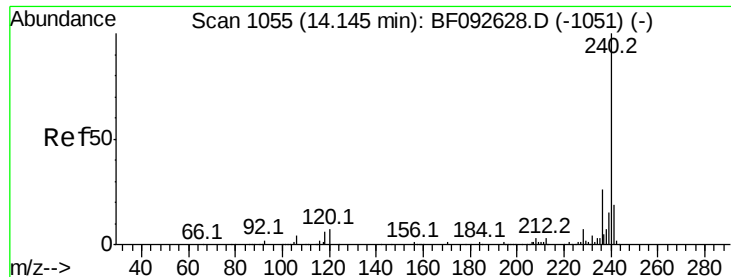


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF093331.D
 Acq: 2 Mar 2017 20:05

Tgt Ion:188 Resp: 622132

Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.0	15.0#
80	7.8	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF093331.D

Acq: 2 Mar 2017 20:05

Instrument :

BNA_F

ClientSampleId :

CPS113051

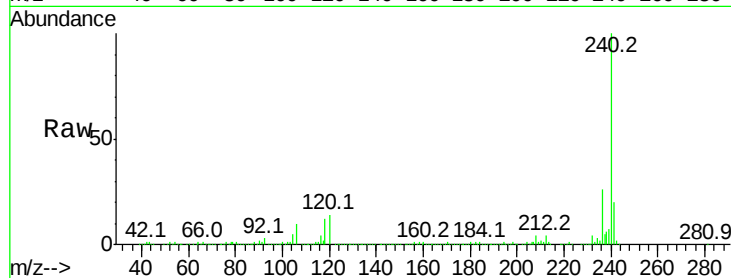
Tot Ion:240 Resp: 540378

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

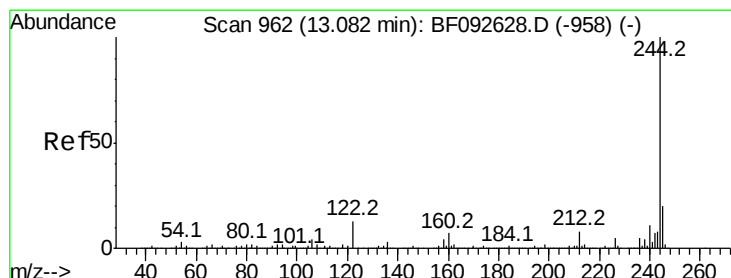
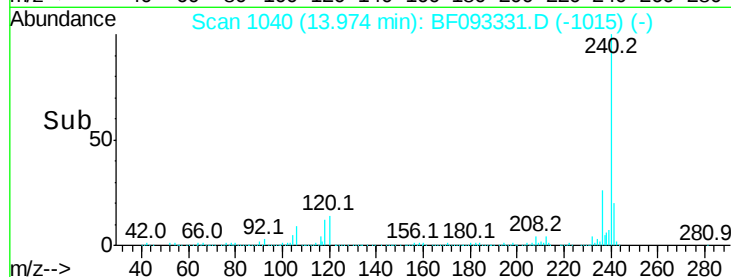
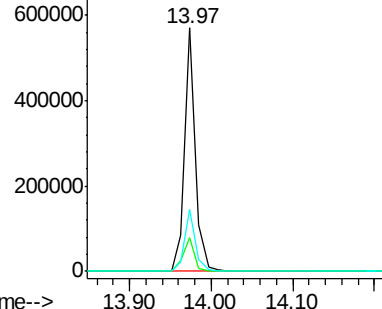
236 25.6 20.9 31.3



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: 70.11 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF093331.D

Acq: 2 Mar 2017 20:05

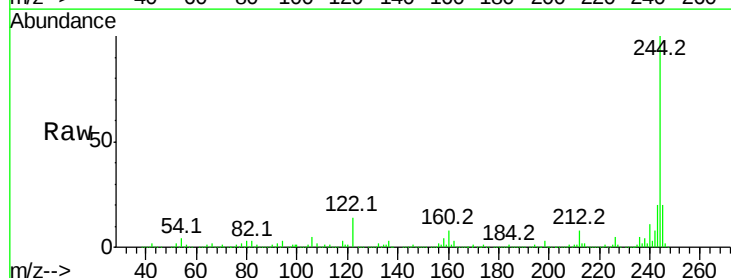
Tgt Ion:244 Resp: 1612449

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

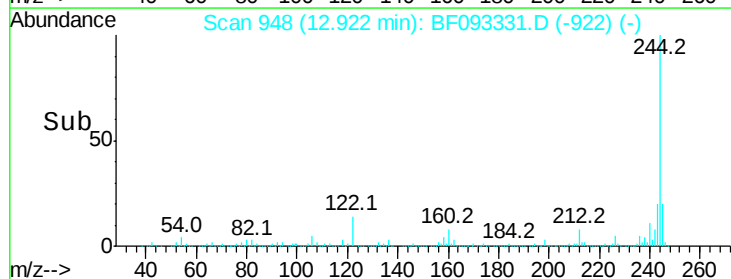
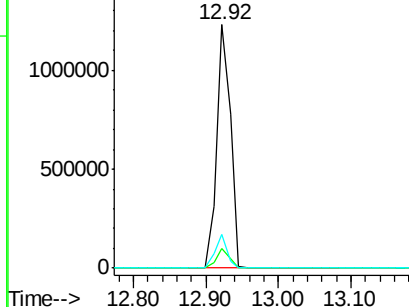
122 13.8 11.4 17.2

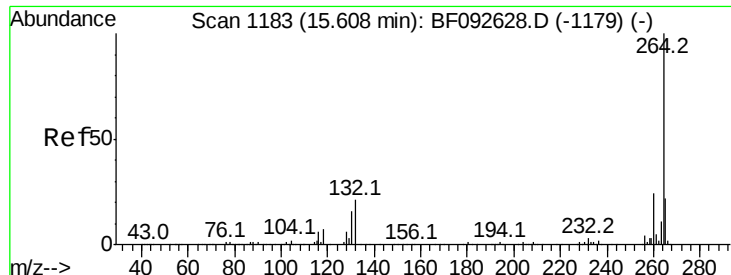


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

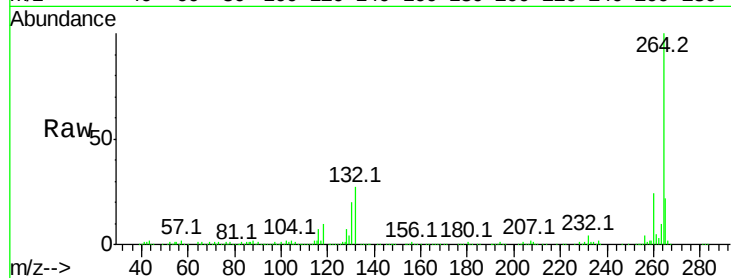




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF093331.D
 Acq: 2 Mar 2017 20:05

Instrument :
 BNA_F
 ClientSampleId :
 CPS113051

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.4	26.0



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

