

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093037.D
 Acq On : 20 Feb 2017 19:20
 Operator : SJ/MA
 Sample : I1923-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CORBETT-BF

Quant Time: Feb 20 23:57:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

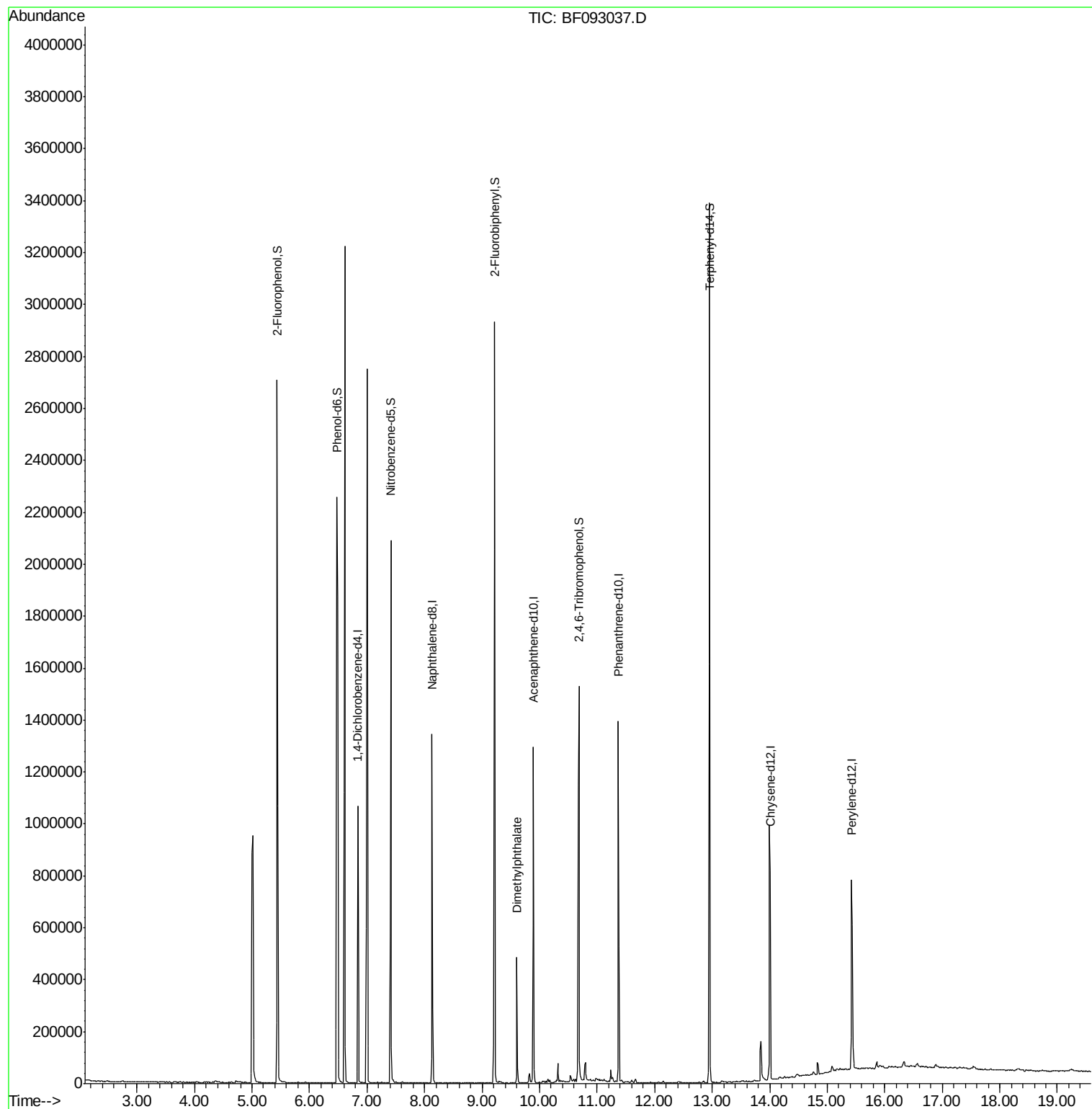
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	153173	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	582131	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	291264	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	541188	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	475116	20.00	ng	-0.01
86) Perylene-d12	15.43	264	359391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	802621	89.90	ng	-0.01
7) Phenol-d6	6.48	99	1098574	95.63	ng	-0.01
23) Nitrobenzene-d5	7.41	82	662023	63.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	230353	109.35	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1245926	77.50	ng	0.00
78) Terphenyl-d14	12.96	244	1151053	56.92	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	181613	9.26	ng	Qvalue 100

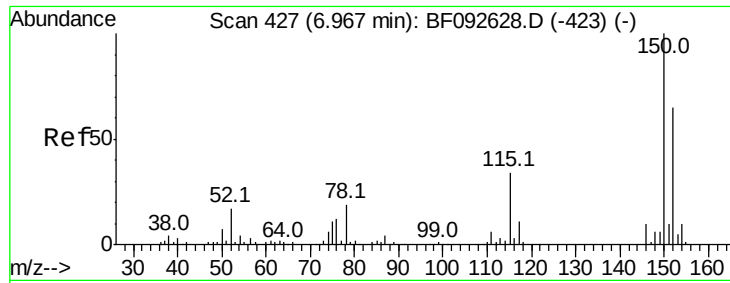
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Instrument :

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ClientSampleId :

CORBETT-BF

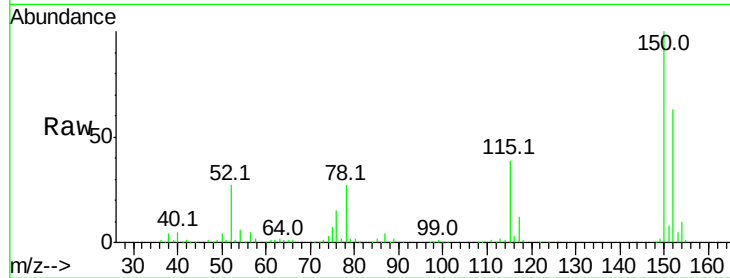
Tot Ion:152 Resp: 153173

Ion Ratio Lower Upper

152 100

150 158.0 124.9 187.3

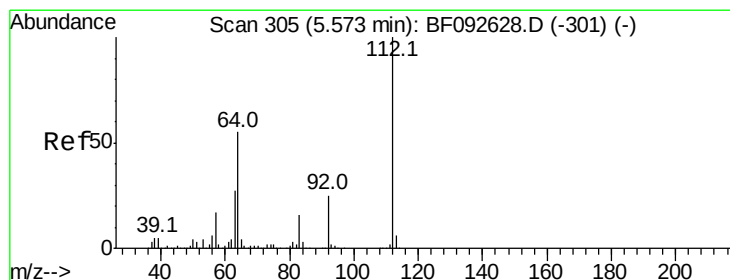
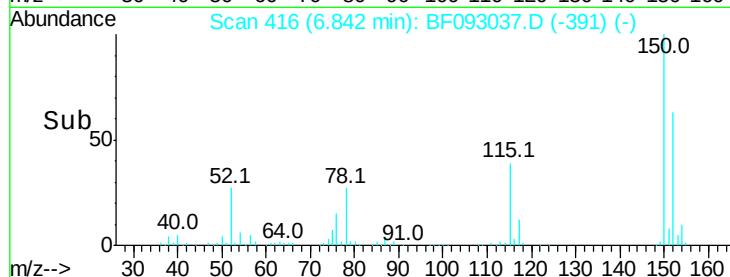
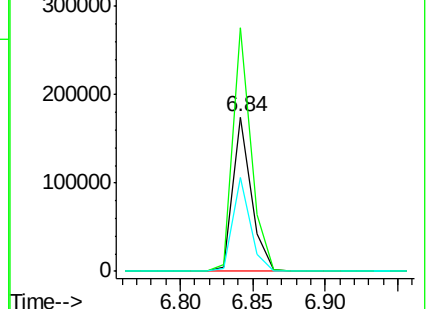
115 61.2 46.0 69.0



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: 89.90 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

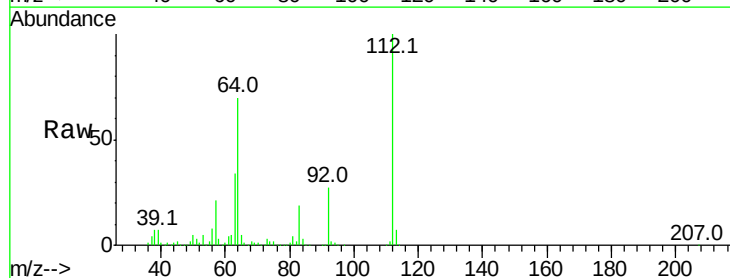
Tgt Ion:112 Resp: 802621

Ion Ratio Lower Upper

112 100

64 70.1 46.1 69.1#

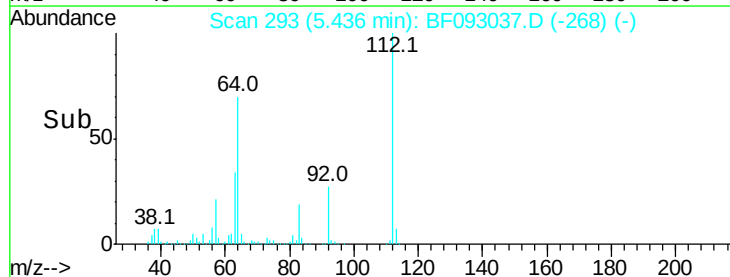
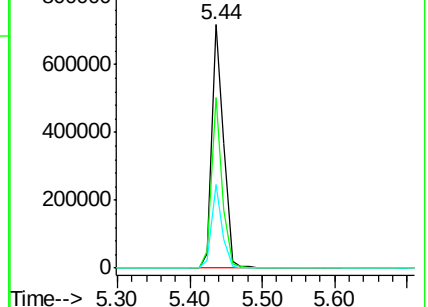
63 34.5 23.8 35.6

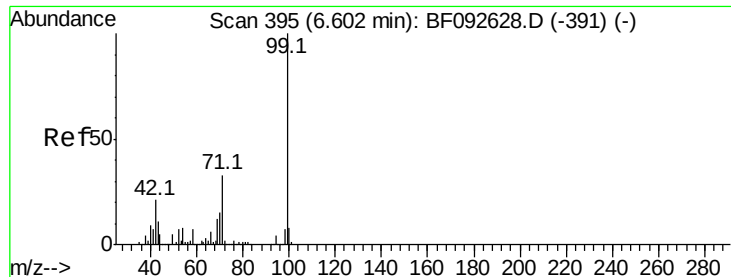


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.63 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

CORBETT-BF

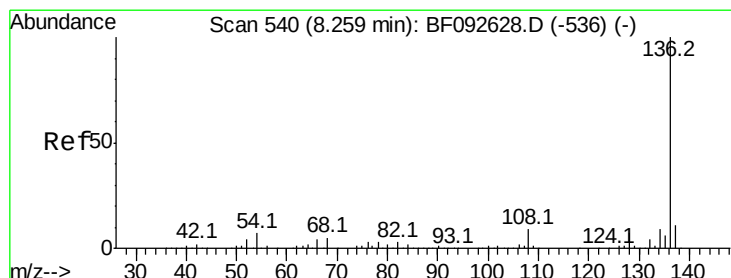
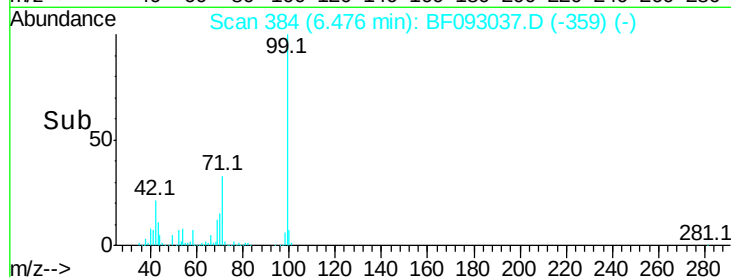
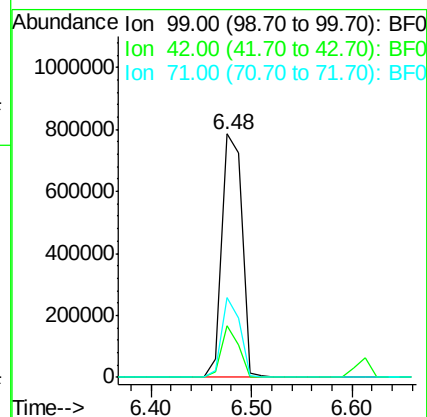
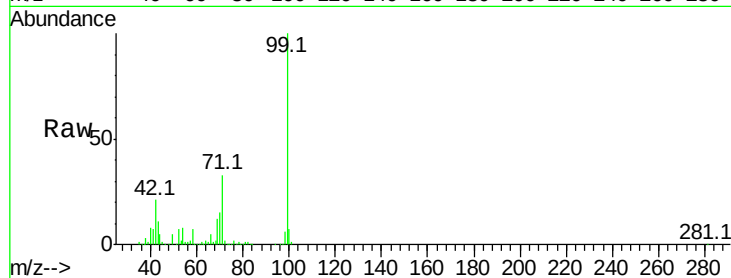
Tot Ion: 99 Resp: 1098574

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

71 32.9 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Tgt Ion: 136 Resp: 582131

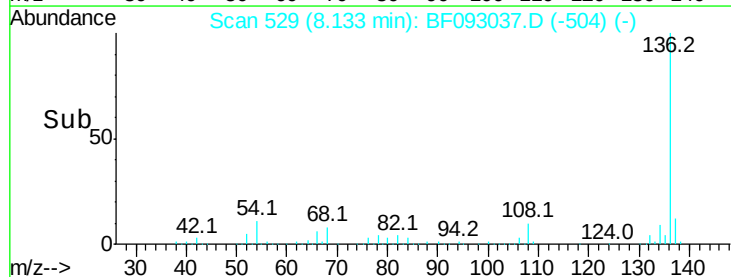
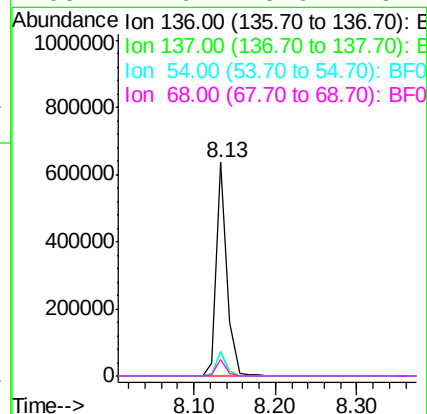
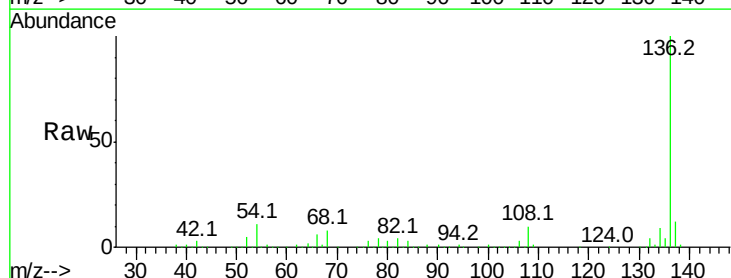
Ion Ratio Lower Upper

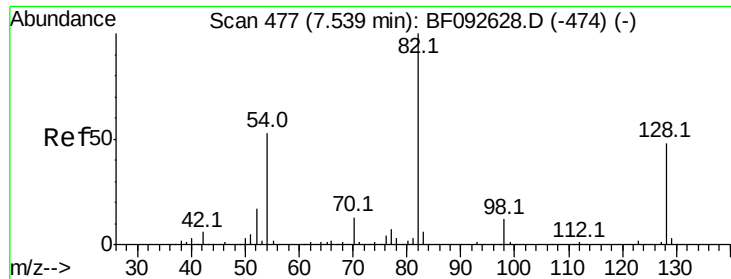
136 100

137 11.5 8.4 12.6

54 11.2 4.5 6.7#

68 7.9 3.6 5.4#

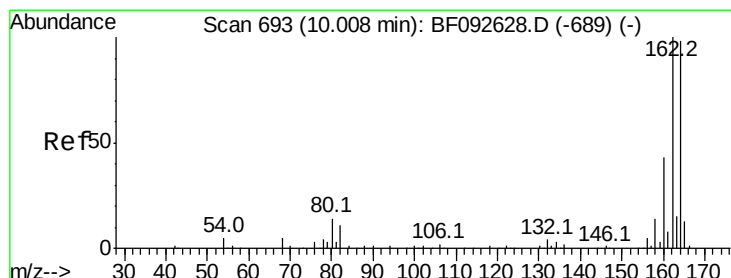
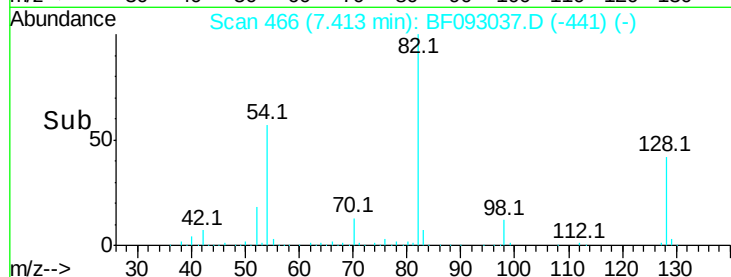
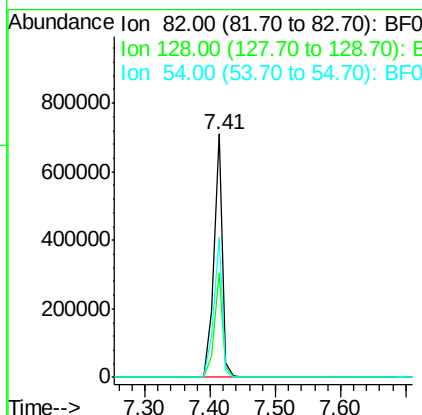
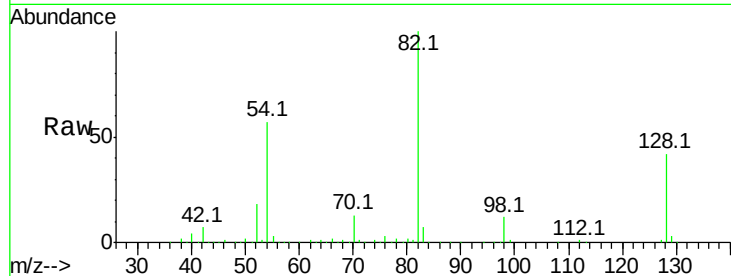




#23
 Nitrobenzene-d5
 Concen: 63.33 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093037.D
 Acq: 20 Feb 2017 19:20

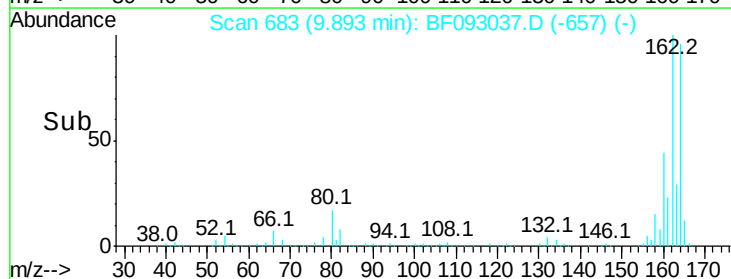
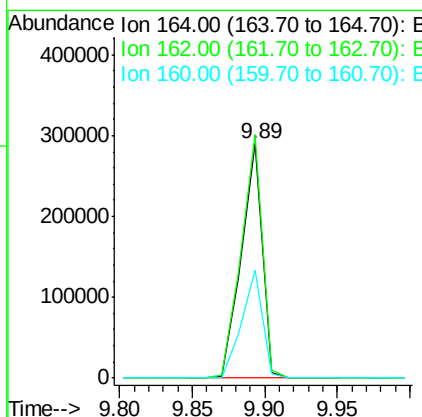
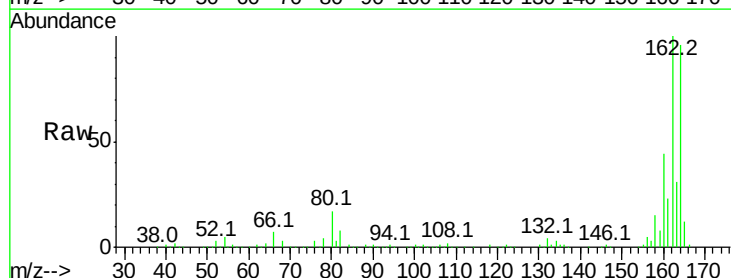
Instrument :
 BNA_F
 ClientSampleId :
 CORBETT-BF

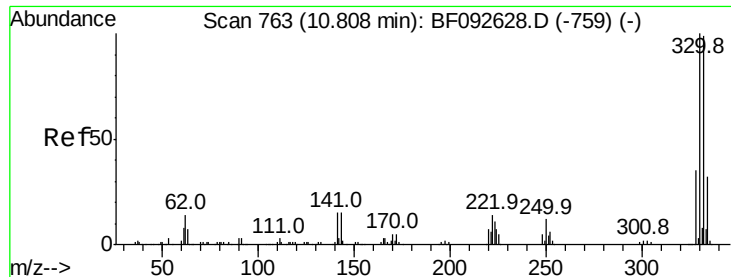
Tot Ion	82	Resp	662023
Ion Ratio	Lower	Upper	
82	100		
128	42.5	34.6	52.0
54	57.4	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093037.D
 Acq: 20 Feb 2017 19:20

Tgt Ion	164	Resp	291264
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.2	120.2
160	46.0	36.9	55.3

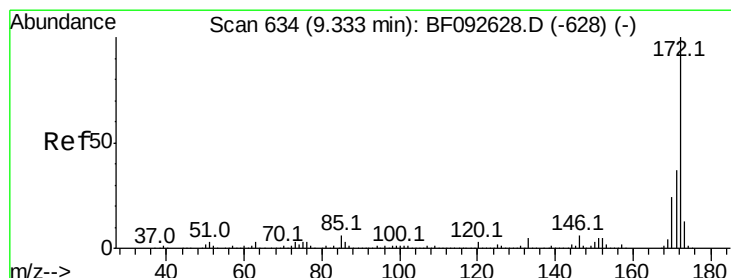
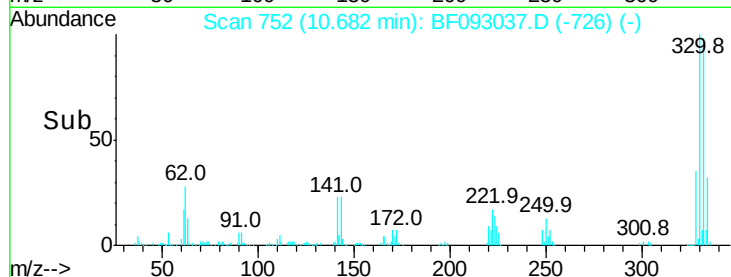
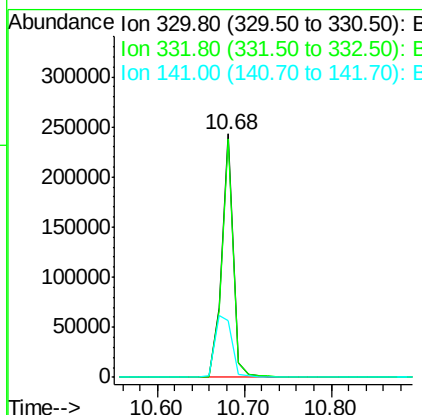
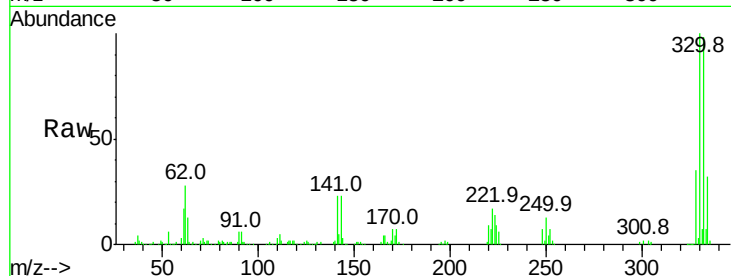




#41
 2,4,6-Tribromophenol
 Concen: 109.35 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093037.D
 Acq: 20 Feb 2017 19:20

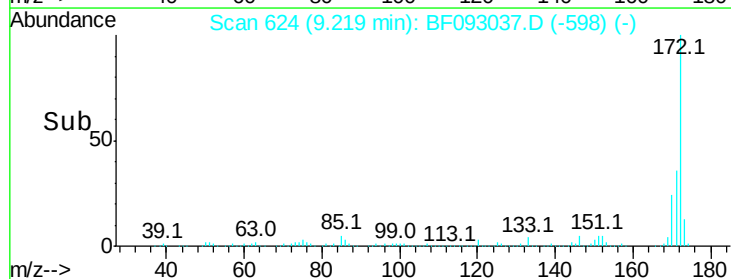
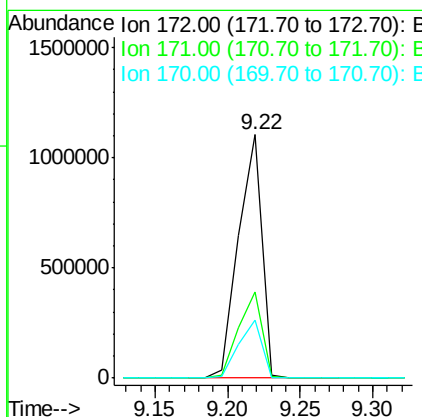
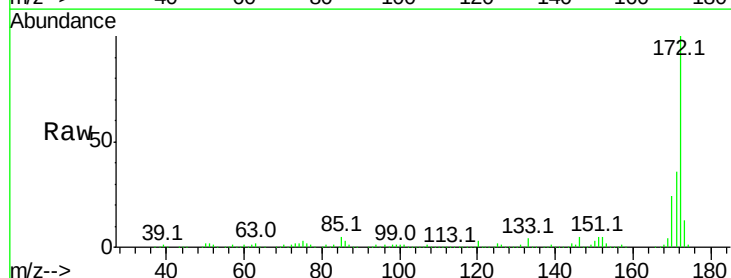
Instrument :
 BNA_F
 ClientSampleId :
 CORBETT-BF

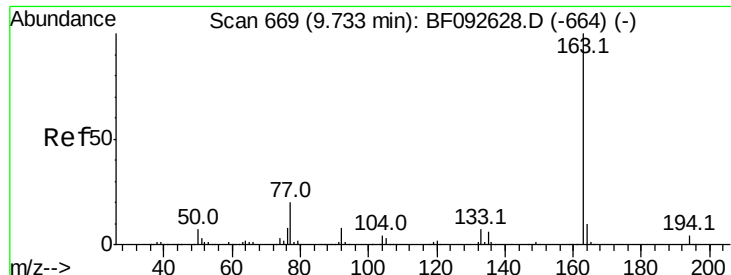
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	37.3	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093037.D
 Acq: 20 Feb 2017 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.0	20.2	30.4





#49

Dimethylphthalate

Concen: 9.26 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Instrument :

BNA_F

ClientSampleId :

CORBETT-BF

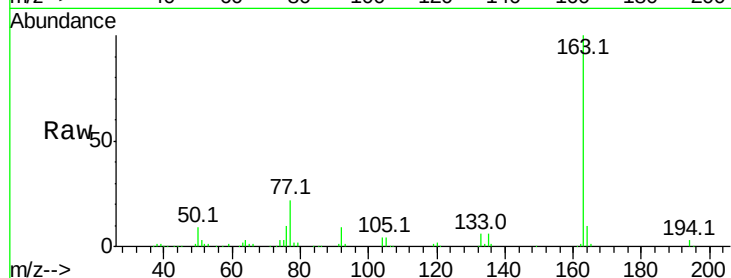
Tot Ion:163 Resp: 181613

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

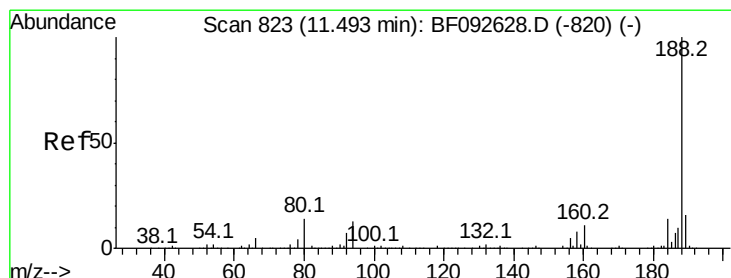
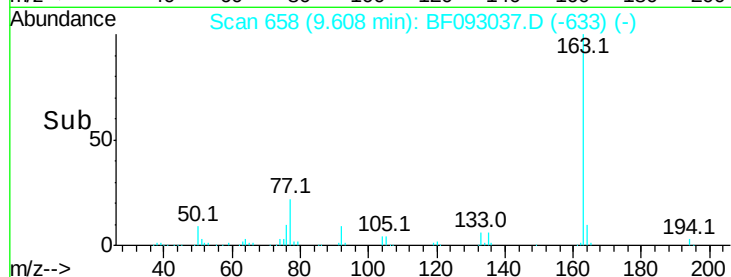
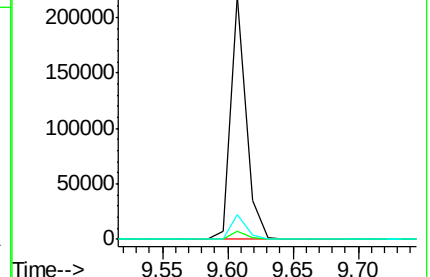
164 10.0 8.0 12.0



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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

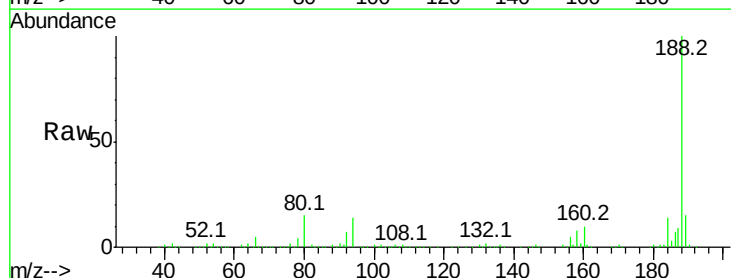
Tgt Ion:188 Resp: 541188

Ion Ratio Lower Upper

188 100

94 14.2 10.0 15.0

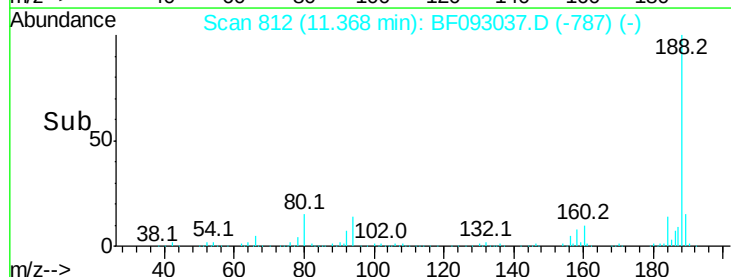
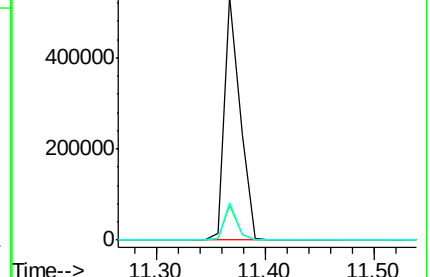
80 15.2 11.2 16.8

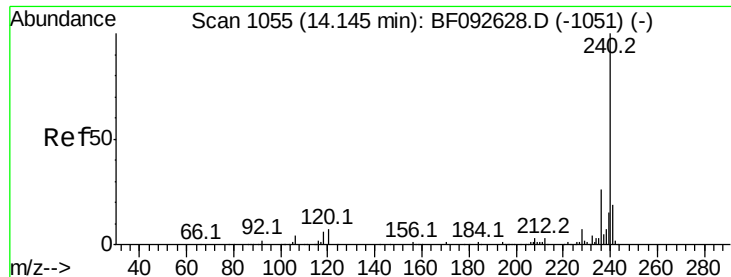


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

Instrument :

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ClientSampleId :

CORBETT-BF

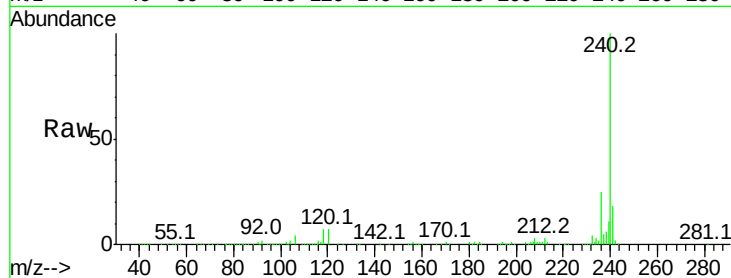
Tot Ion:240 Resp: 475116

Ion Ratio Lower Upper

240 100

120 7.2 12.9 19.3#

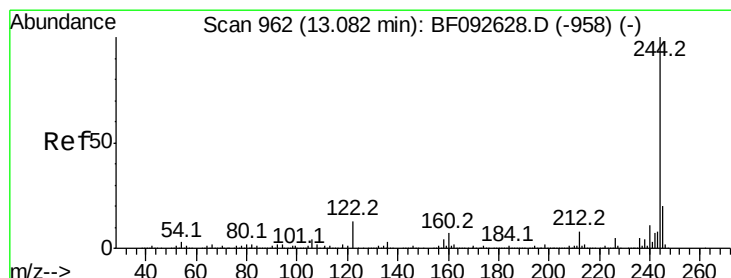
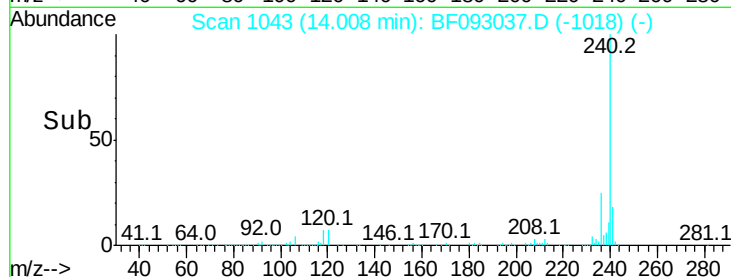
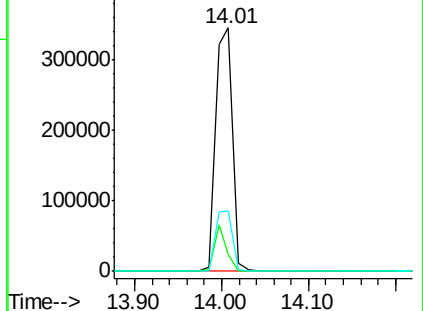
236 25.1 20.9 31.3



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: 56.92 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093037.D

Acq: 20 Feb 2017 19:20

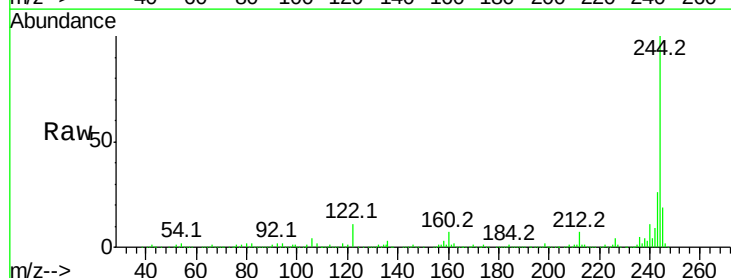
Tgt Ion:244 Resp: 1151053

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

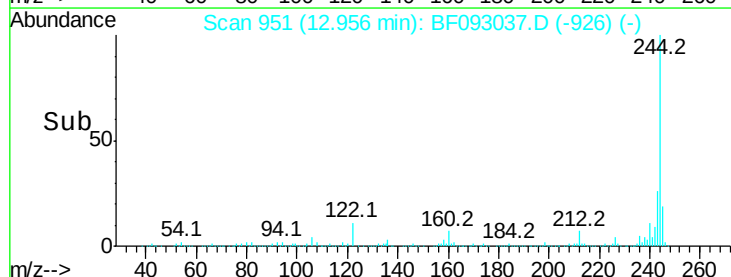
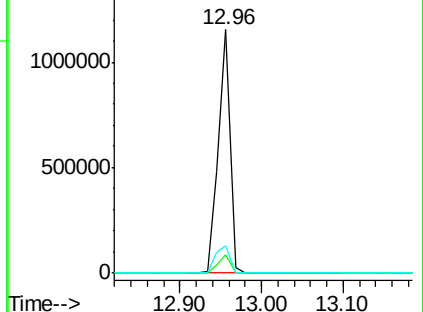
122 11.0 11.4 17.2#

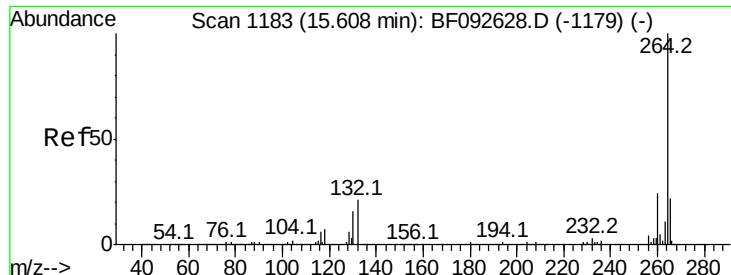


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093037.D
 Acq: 20 Feb 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 CORBETT-BF

Tot Ion: 264 Resp: 359391
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.8 17.4 26.0

