

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093088.D
 Acq On : 22 Feb 2017 21:10
 Operator : SJ/MA
 Sample : I1931-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-2

Quant Time: Feb 23 00:31:06 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

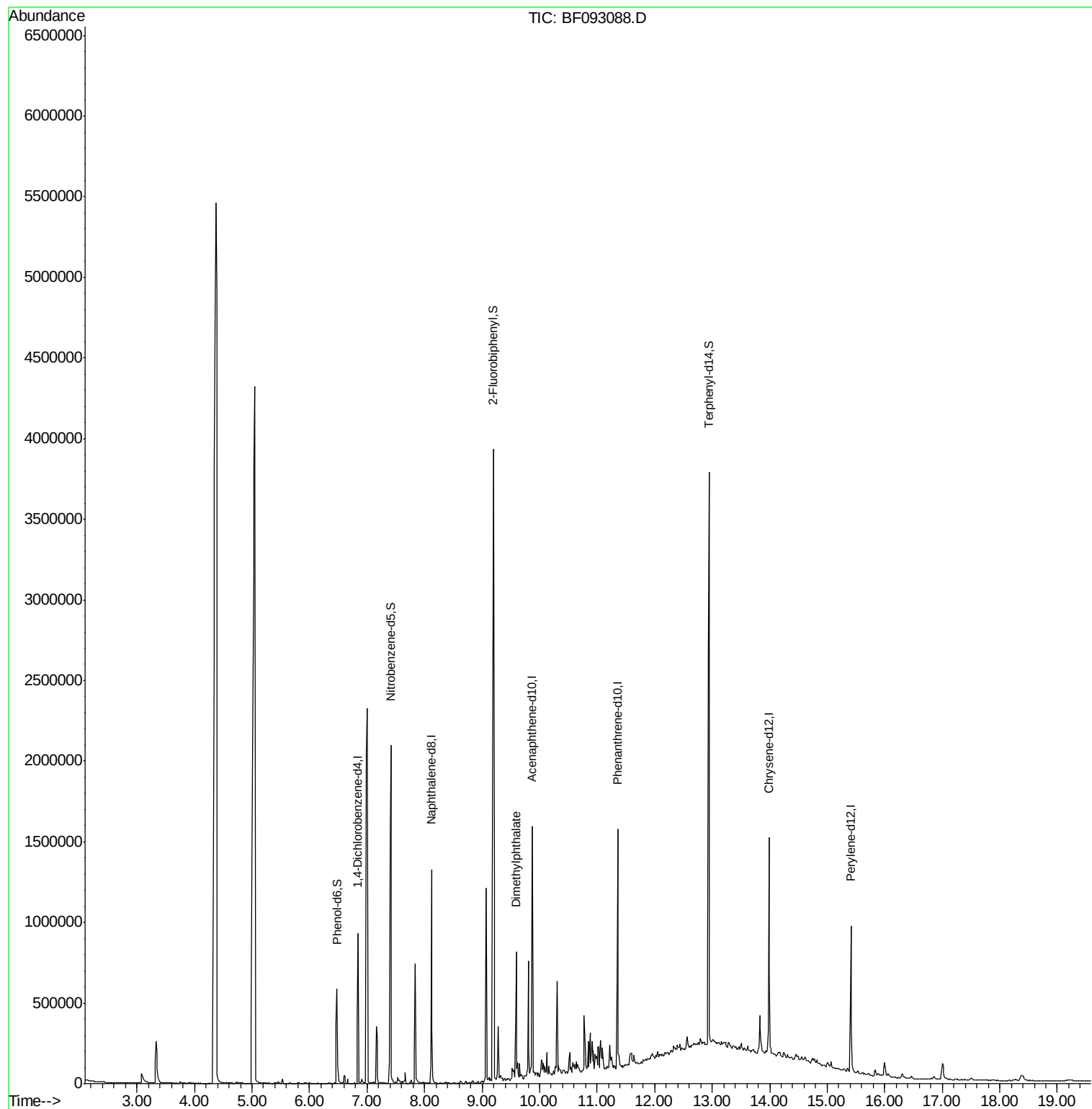
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154307	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	594047	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	292136	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	578597	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	499034	20.00	ng	-0.03
86) Perylene-d12	15.41	264	394412	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	7399	0.82	ng	0.01
7) Phenol-d6	6.48	99	264768	22.88	ng	-0.01
23) Nitrobenzene-d5	7.41	82	912050	85.50	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.20	172	1380840	85.63	ng	-0.02
78) Terphenyl-d14	12.94	244	1474642	69.43	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.60	163	325034	16.52	ng	Qvalue 98

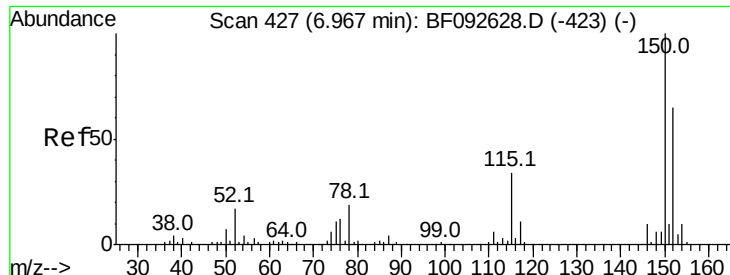
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

P-2

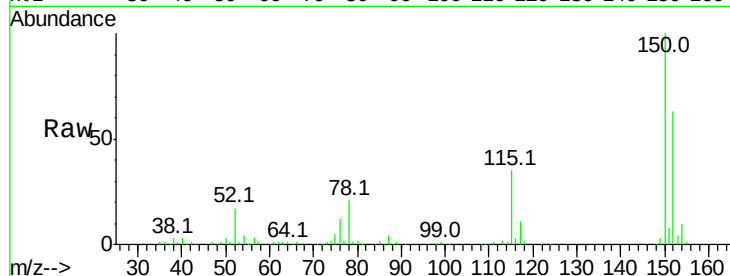
Tot Ion:152 Resp: 154307

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

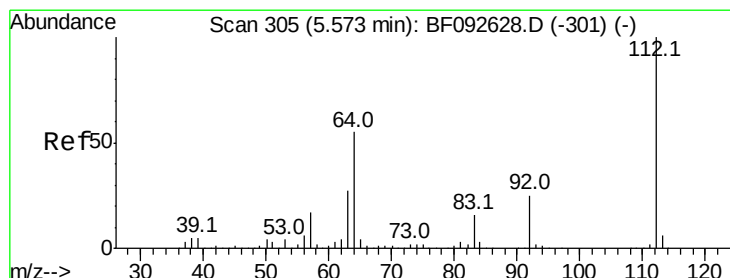
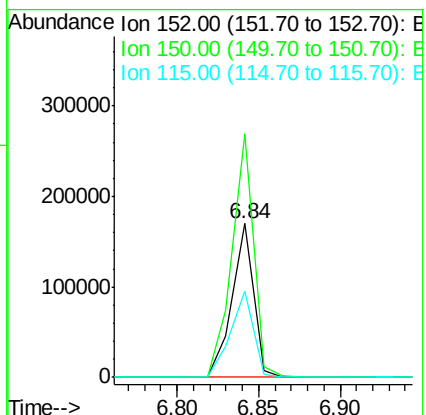
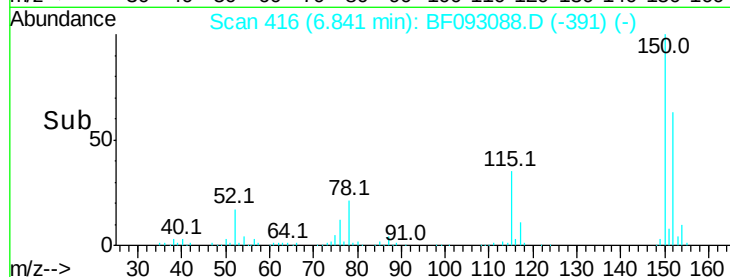
115 56.0 46.0 69.0



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: 0.82 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

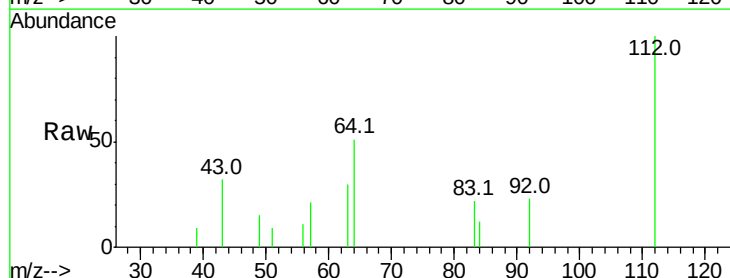
Tgt Ion:112 Resp: 7399

Ion Ratio Lower Upper

112 100

64 51.2 46.1 69.1

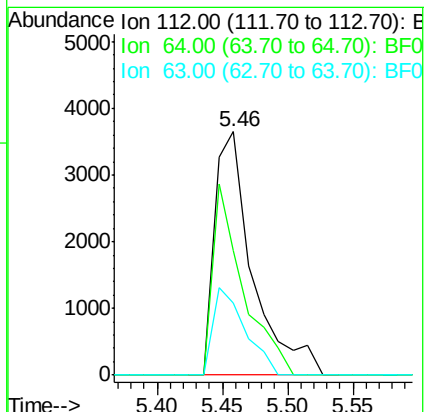
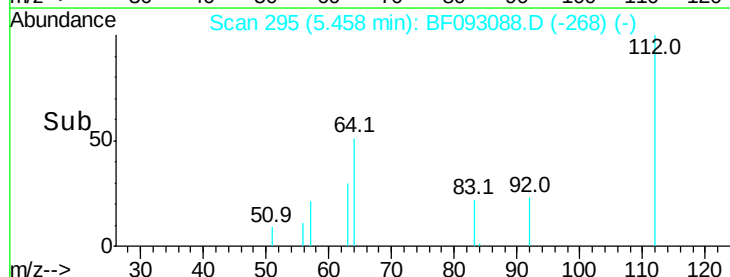
63 29.5 23.8 35.6

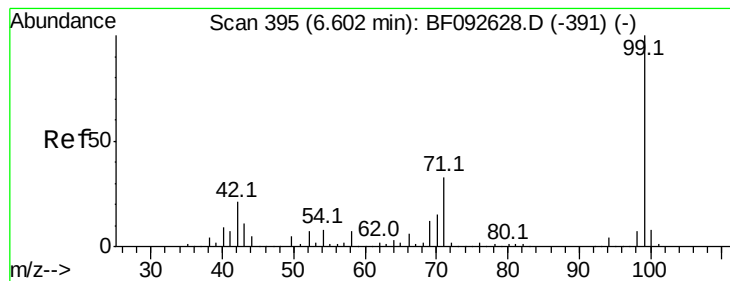


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

P-2

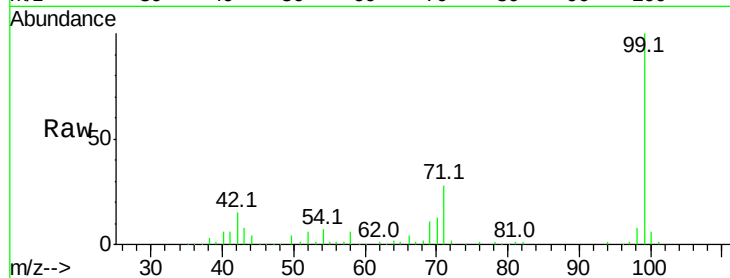
Tot Ion: 99 Resp: 264768

Ion Ratio Lower Upper

99 100

42 15.3 15.6 23.4#

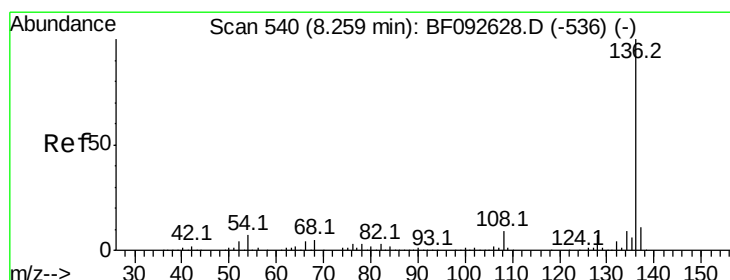
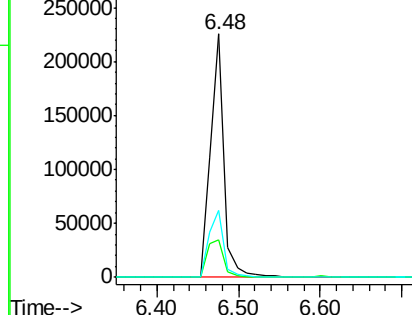
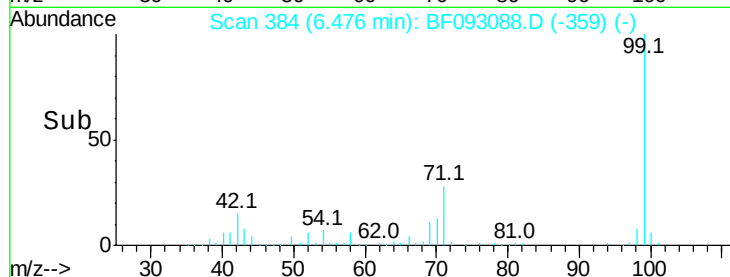
71 27.6 27.5 41.3



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

Tgt Ion: 136 Resp: 594047

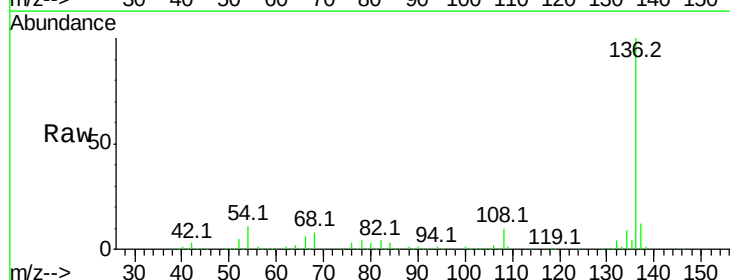
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 11.3 4.5 6.7#

68 8.0 3.6 5.4#

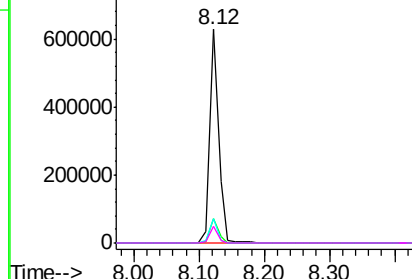
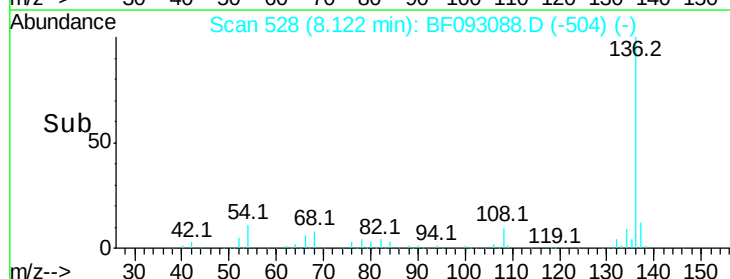


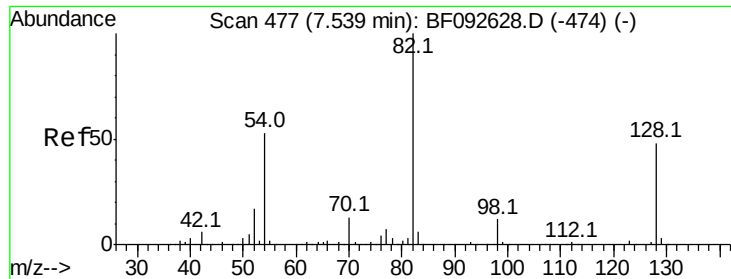
Abundance Ion 136.00 (135.70 to 136.70): E

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

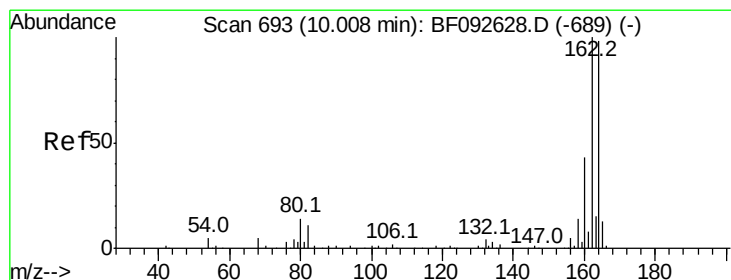
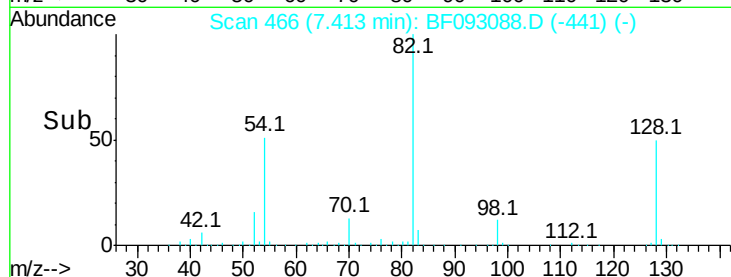
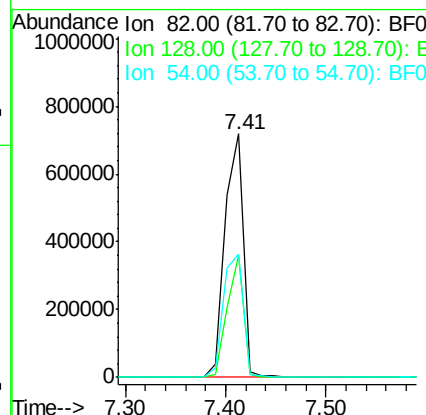
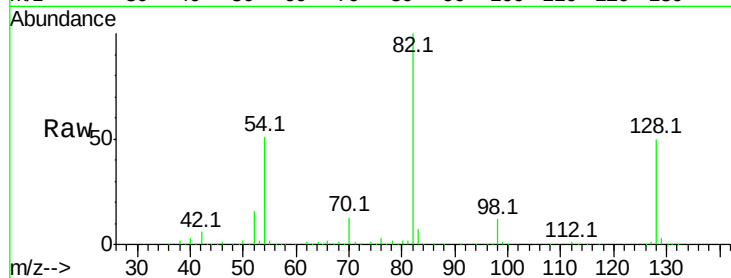




#23
Nitrobenzene-d5
Concen: 85.50 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093088.D
Acq: 22 Feb 2017 21:10

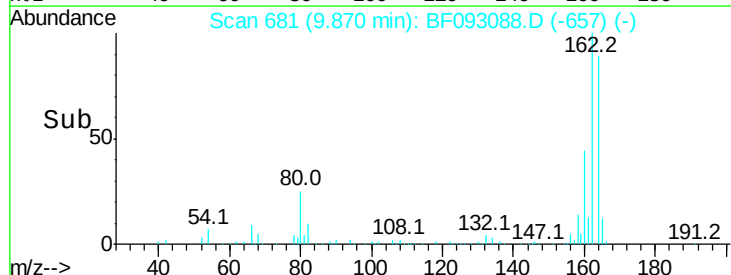
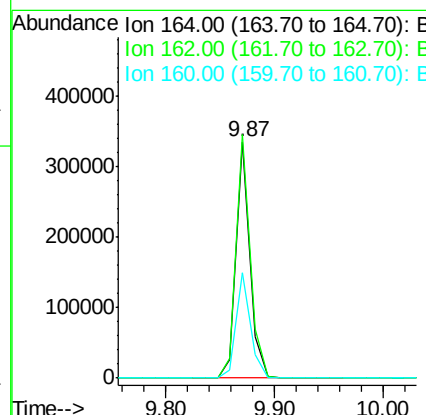
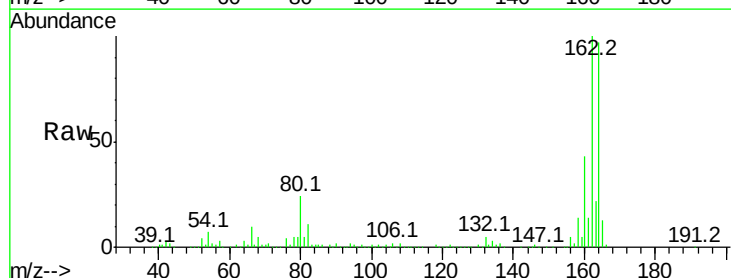
Instrument :
BNA_F
ClientSampled :
P-2

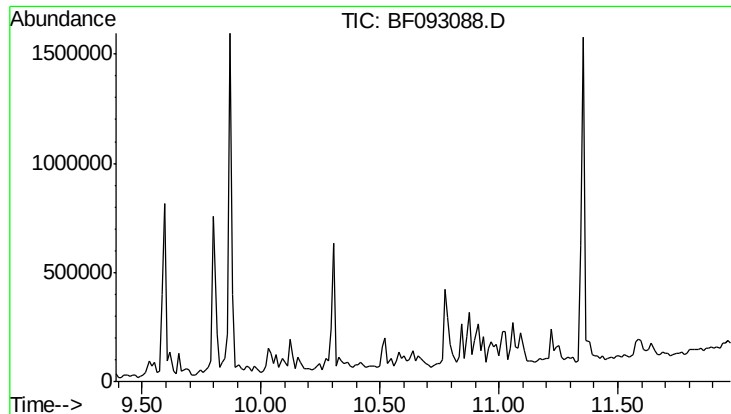
Tot Ion: 82 Resp: 912050
Ion Ratio Lower Upper
82 100
128 50.2 34.6 52.0
54 50.6 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093088.D
Acq: 22 Feb 2017 21:10

Tgt Ion:164 Resp: 292136
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 44.5 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.68 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

P-2

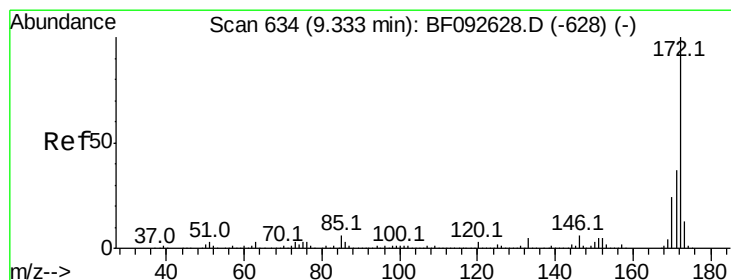
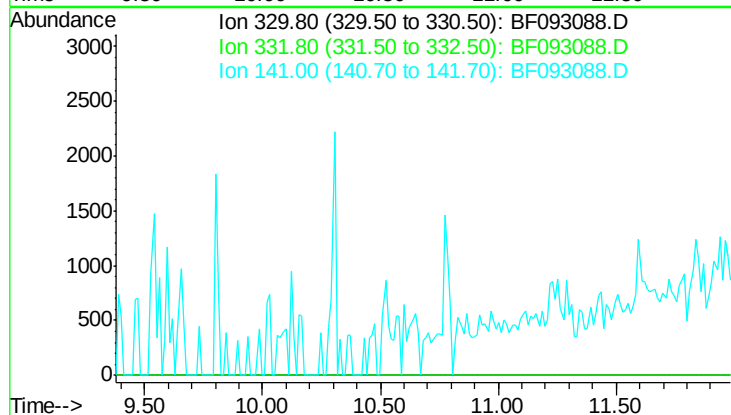
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.8

141 42.6



#44

2-Fluorobiphenyl

Concen: 85.63 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

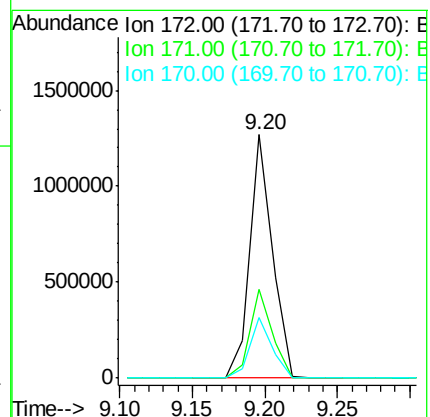
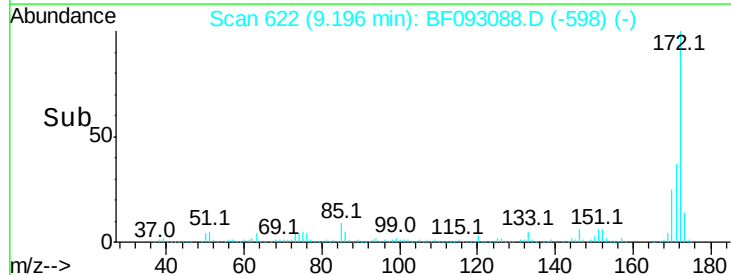
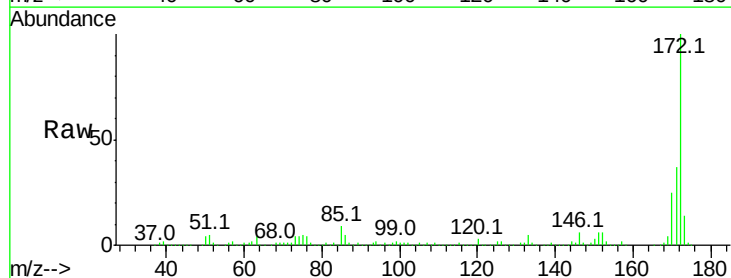
Tgt Ion:172 Resp: 1380840

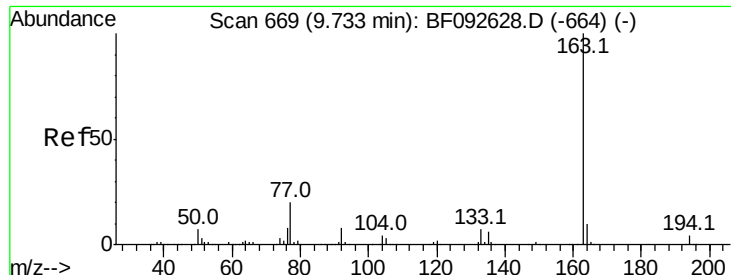
Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

170 24.6 20.2 30.4





#49

Dimethylphthalate

Concen: 16.52 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

P-2

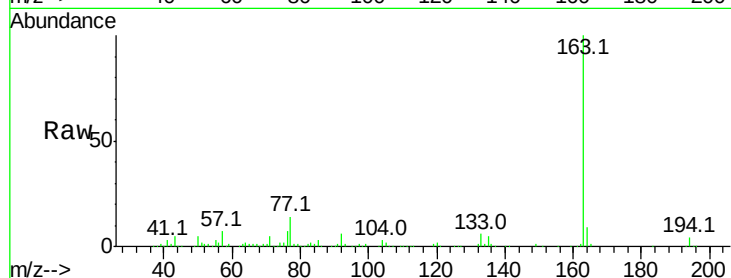
Tot Ion:163 Resp: 325034

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

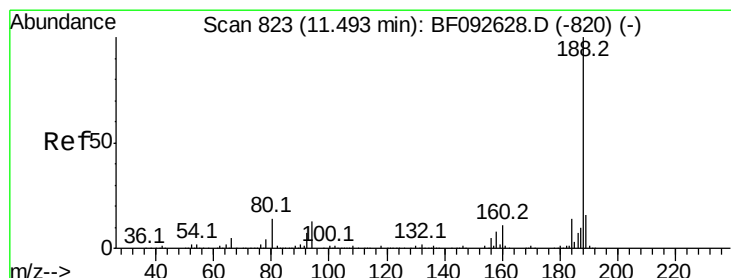
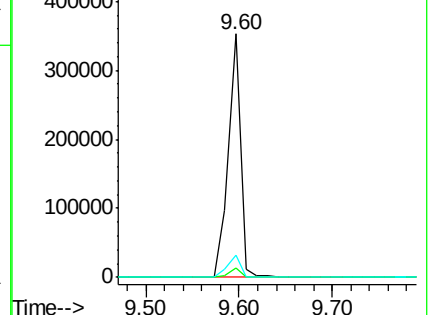
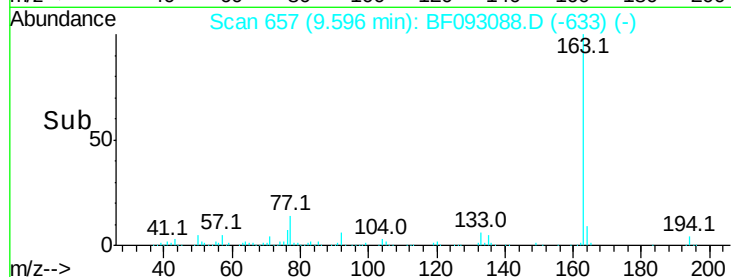
164 9.3 8.0 12.0



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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

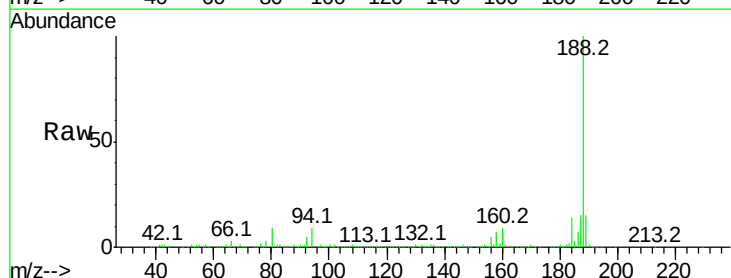
Tgt Ion:188 Resp: 578597

Ion Ratio Lower Upper

188 100

94 9.4 10.0 15.0#

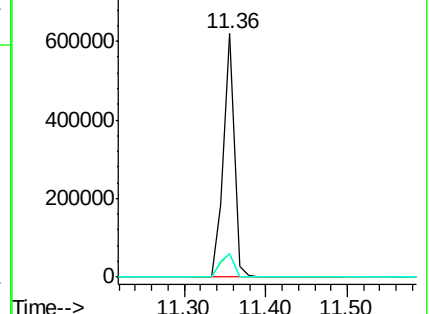
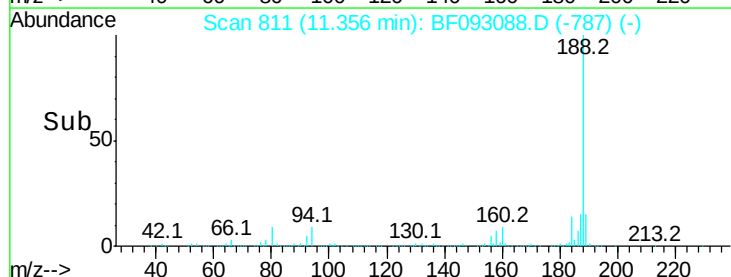
80 9.4 11.2 16.8#

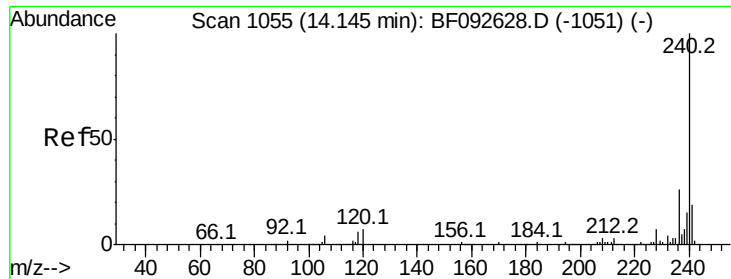


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

Instrument :

BNA_F

ClientSampleId :

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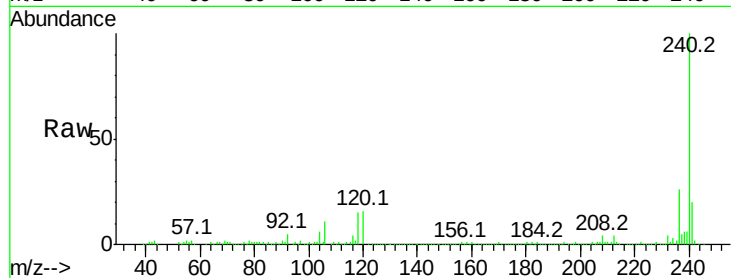
Tot Ion:240 Resp: 499034

Ion Ratio Lower Upper

240 100

120 16.2 12.9 19.3

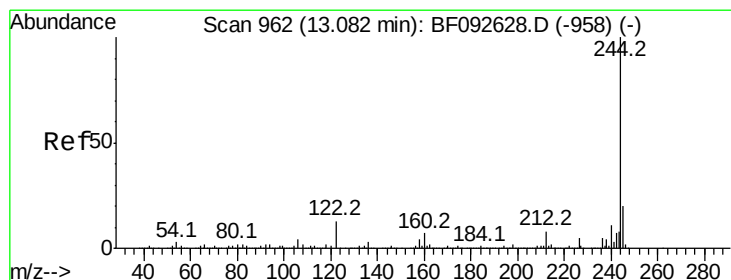
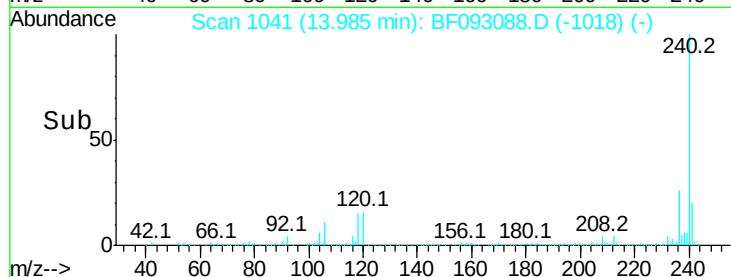
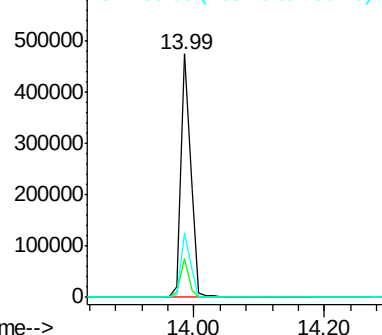
236 26.4 20.9 31.3



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: 69.43 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093088.D

Acq: 22 Feb 2017 21:10

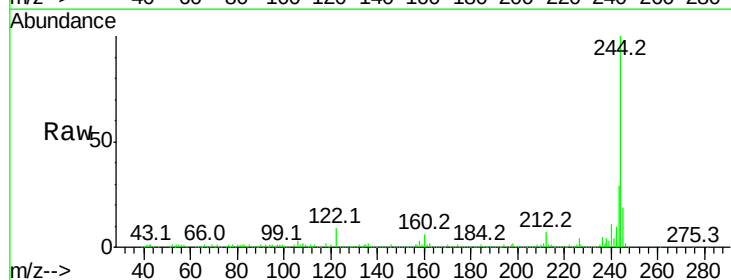
Tgt Ion:244 Resp: 1474642

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

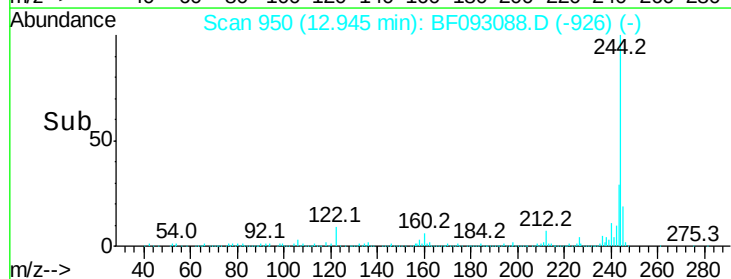
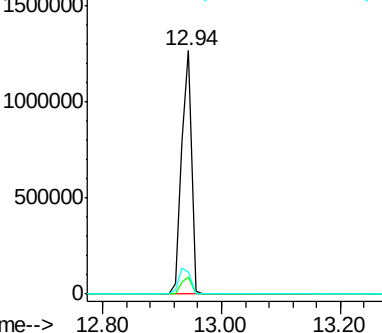
122 9.1 11.4 17.2#

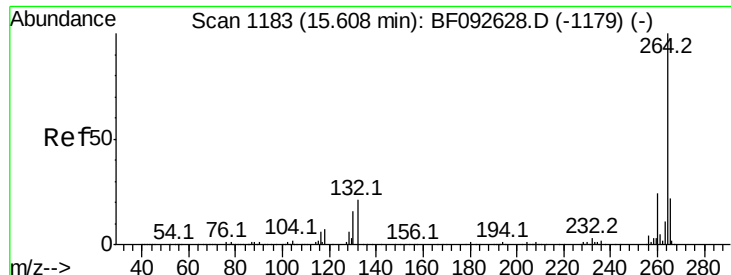


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

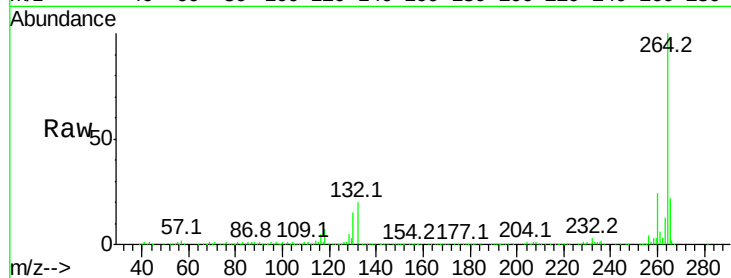




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093088.D
 Acq: 22 Feb 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	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

