

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093193.D
 Acq On : 25 Feb 2017 15:25
 Operator : SJ/MA
 Sample : I1972-23
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5N-SW2

Quant Time: Feb 27 02:31:31 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

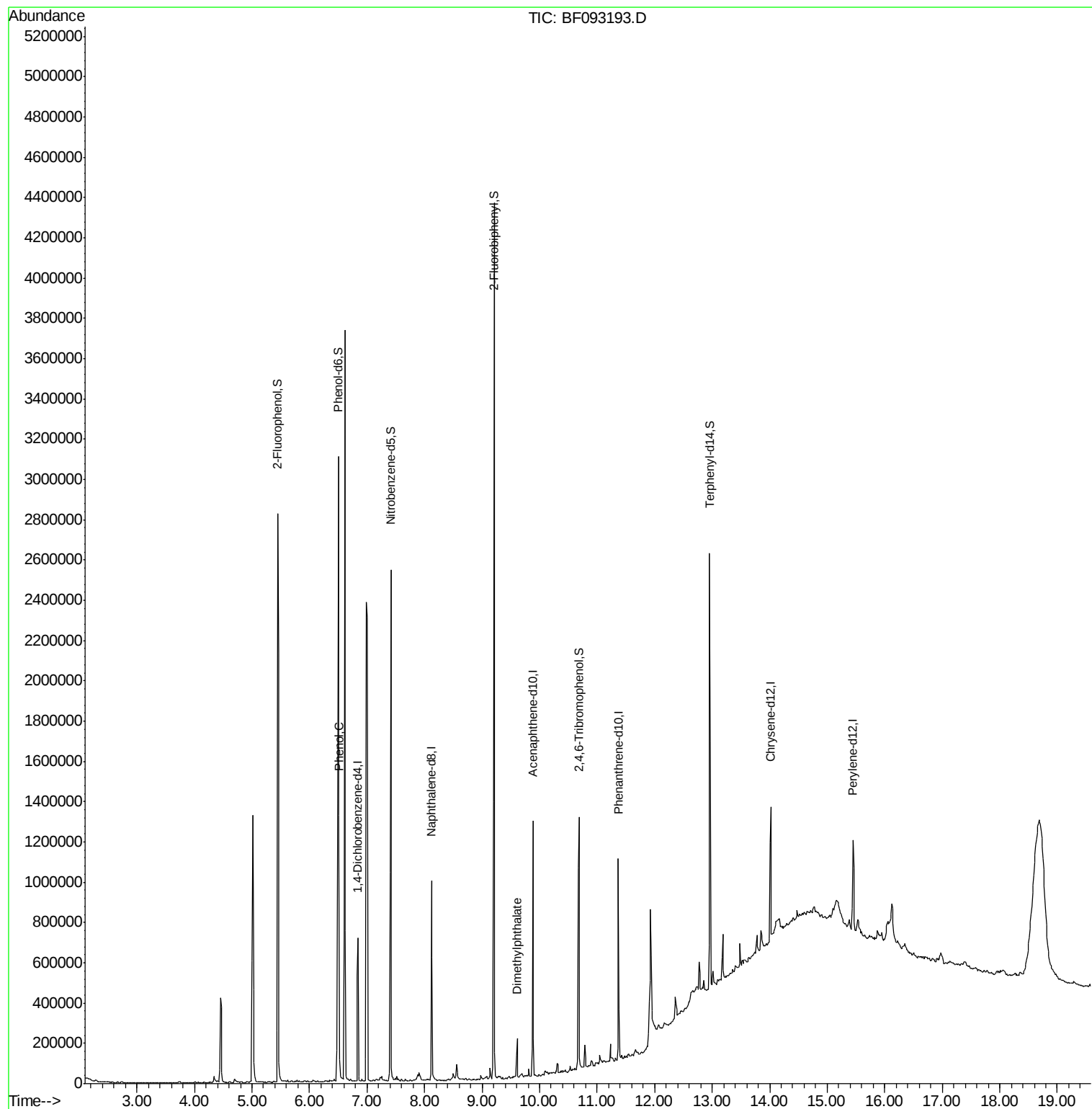
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	147810	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	529017	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	233588	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	358595	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	324226	20.00	ng	0.00
86) Perylene-d12	15.45	264	226381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1064946	123.61	ng	0.00
7) Phenol-d6	6.50	99	1274849	115.00	ng	0.01
23) Nitrobenzene-d5	7.41	82	871284	91.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	195092	115.48	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1352432	104.89	ng	-0.01
78) Terphenyl-d14	12.96	244	872455	63.23	ng	-0.01
Target Compounds						
10) Phenol	6.51	94	71748	5.53	ng	94
49) Dimethylphthalate	9.61	163	95491	6.07	ng	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: BF093193.D

Acq: 25 Feb 2017 15:25

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

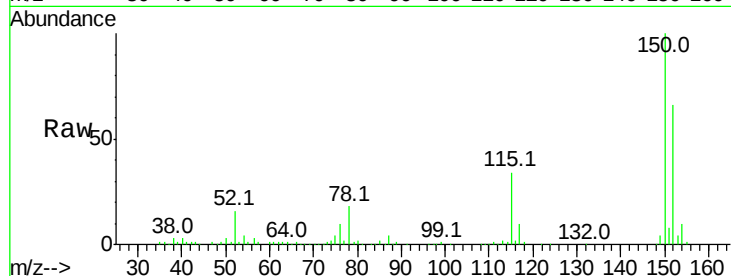
Tot Ion:152 Resp: 147810

Ion Ratio Lower Upper

152 100

150 152.6 124.9 187.3

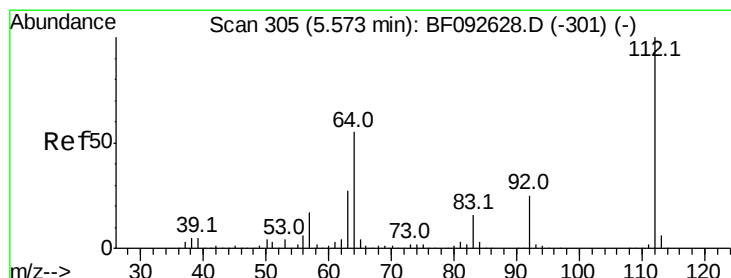
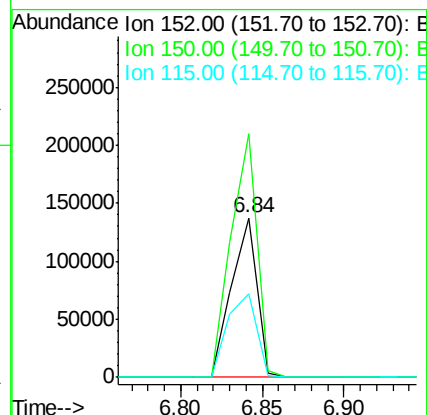
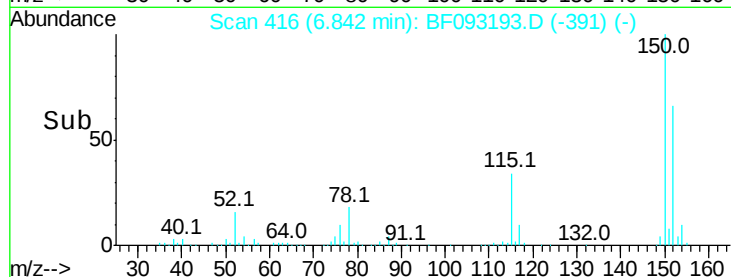
115 52.4 46.0 69.0



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: 123.61 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

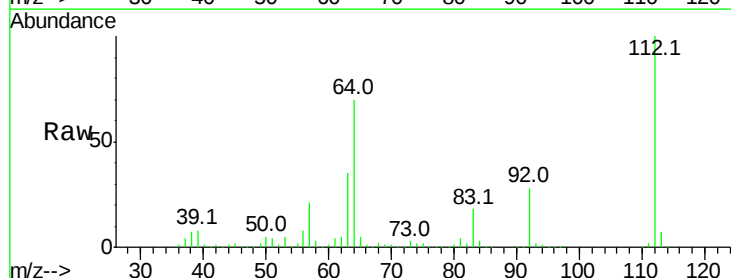
Tgt Ion:112 Resp: 1064946

Ion Ratio Lower Upper

112 100

64 69.9 46.1 69.1#

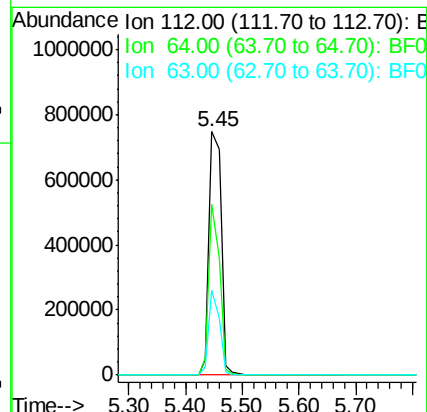
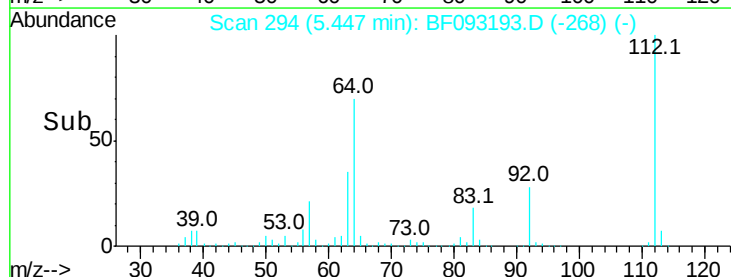
63 35.0 23.8 35.6



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: 115.00 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

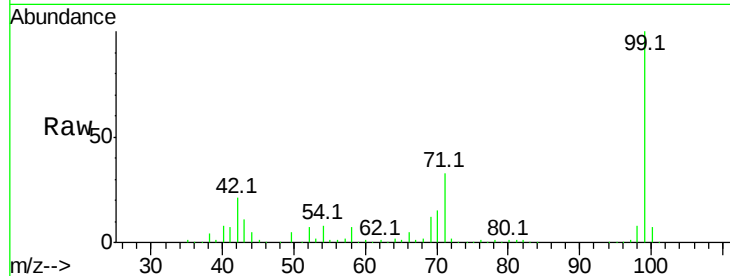
Tot Ion: 99 Resp: 1274849

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

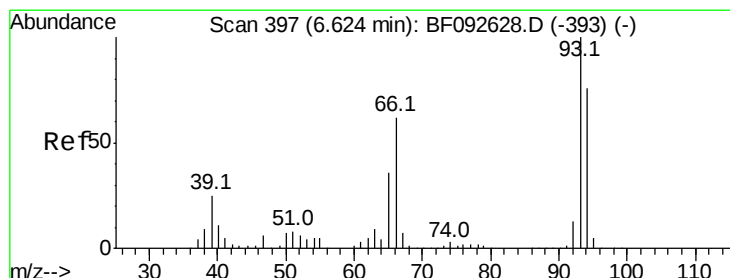
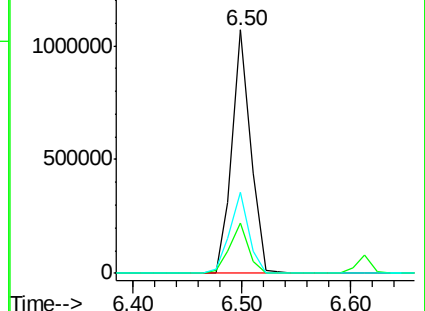
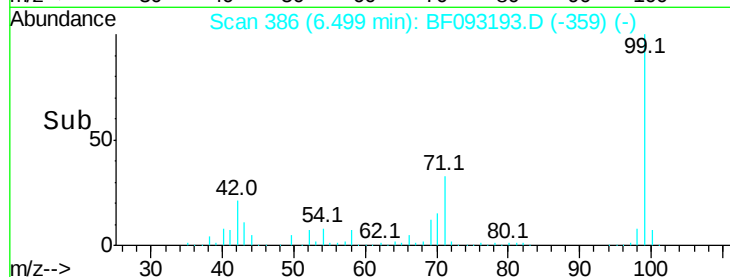
71 33.1 27.5 41.3



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



#10

Phenol

Concen: 5.53 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

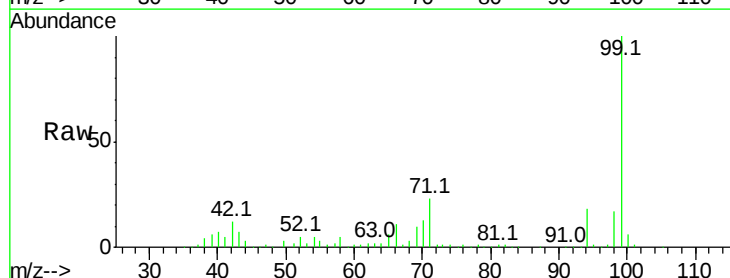
Tgt Ion: 94 Resp: 71748

Ion Ratio Lower Upper

94 100

65 36.4 21.4 61.4

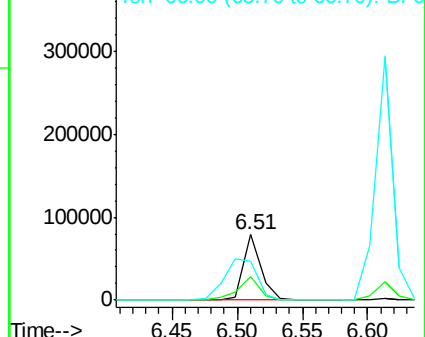
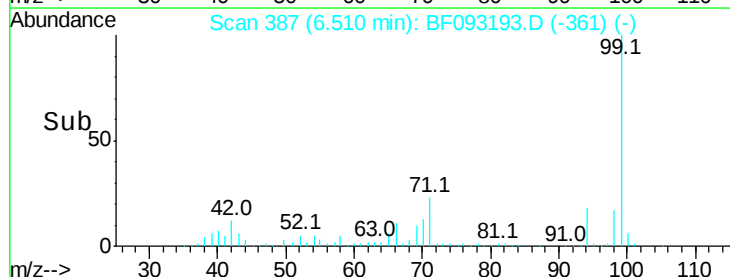
66 60.4 44.0 84.0

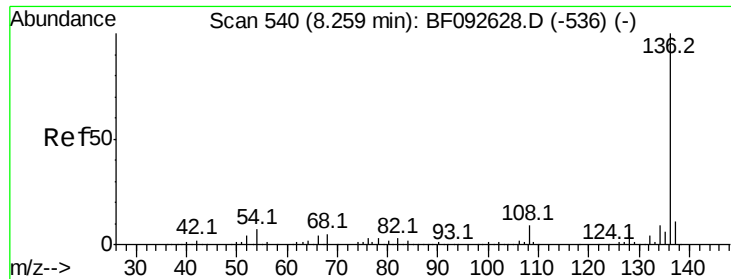


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

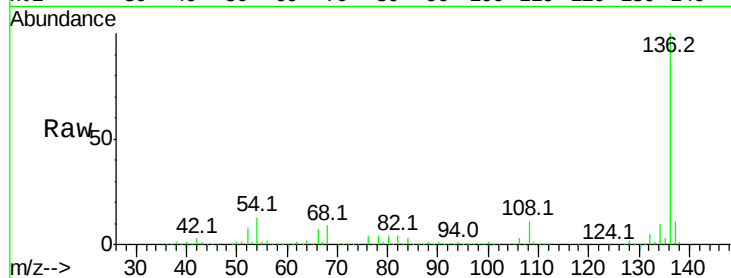




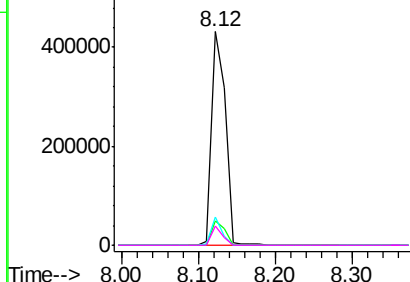
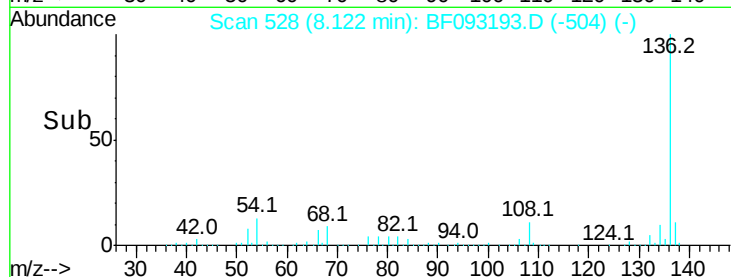
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093193.D
Acq: 25 Feb 2017 15:25

Instrument :
BNA_F
ClientSampleId :
E2-Y5N-SW2

Tot Ion:	136	Resp:	529017
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	13.1	4.5	6.7#
68	8.9	3.6	5.4#

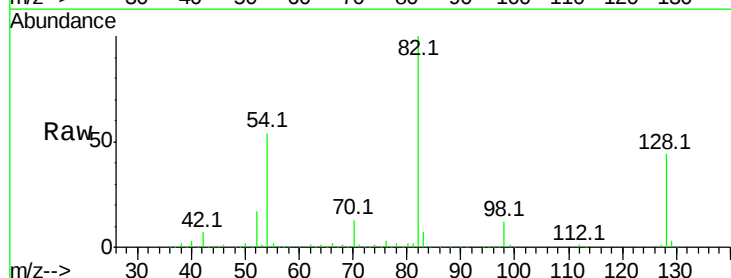


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

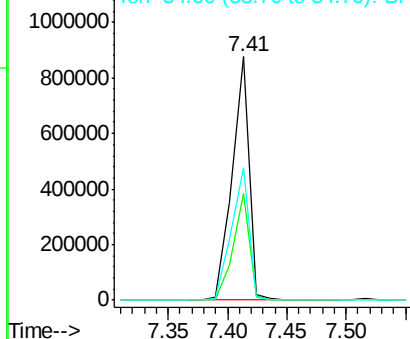
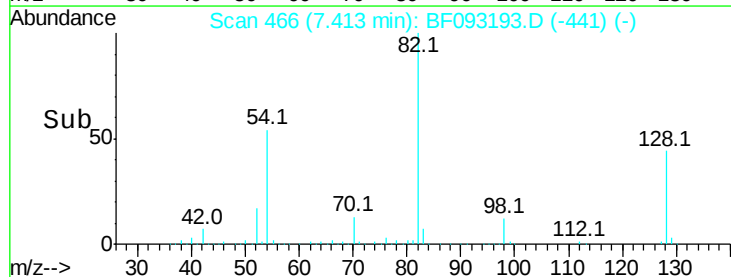


#23
Nitrobenzene-d5
Concen: 91.72 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093193.D
Acq: 25 Feb 2017 15:25

Tgt Ion:	82	Resp:	871284
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	54.4	39.5	59.3



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

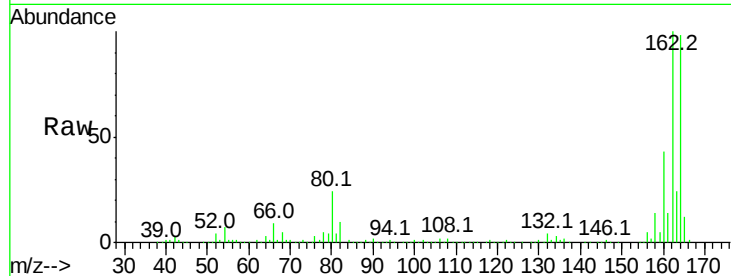




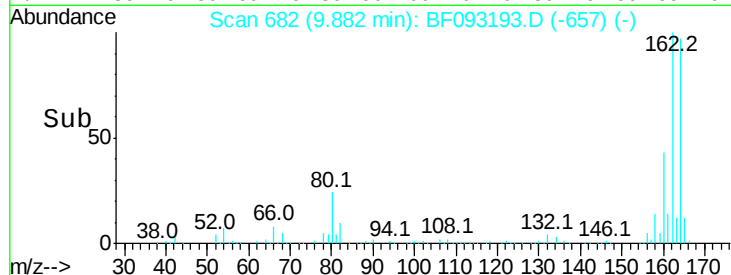
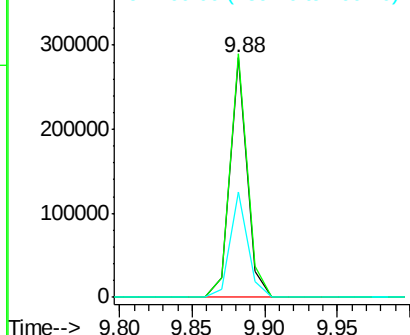
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5N-SW2

Tot Ion:164 Resp: 233588
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.2 120.2
 160 43.9 36.9 55.3

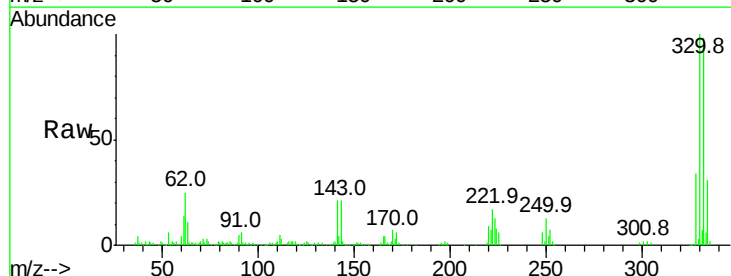


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

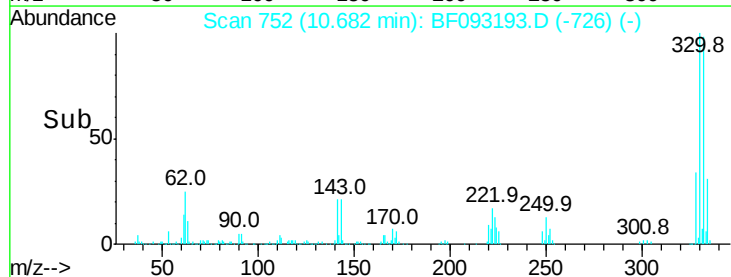
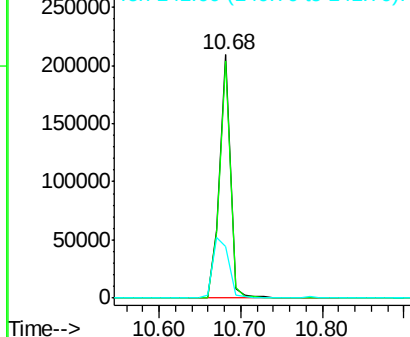


#41
 2,4,6-Tribromophenol
 Concen: 115.48 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Tgt Ion:330 Resp: 195092
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 36.6 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



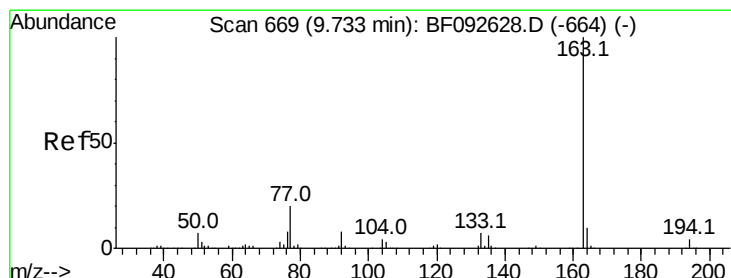
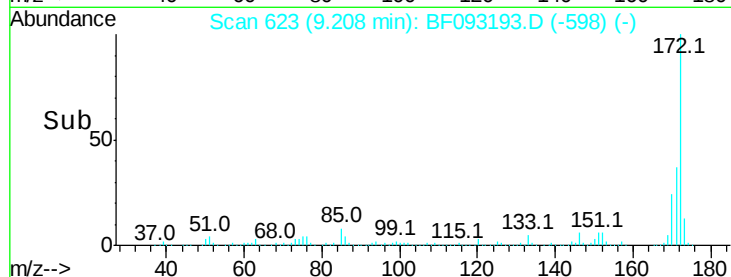
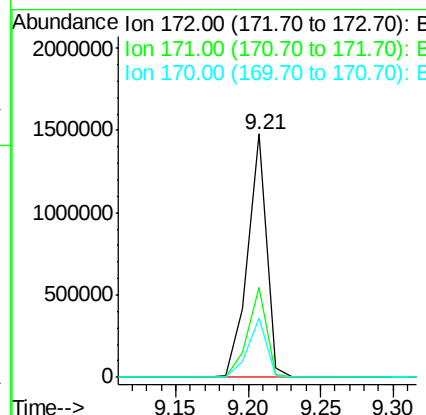
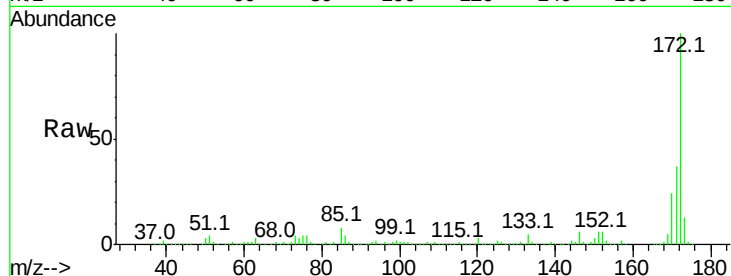


#44
 2-Fluorobiphenyl
 Concen: 104.89 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 E2-Y5N-SW2

Tot Ion:172 Resp: 1352432

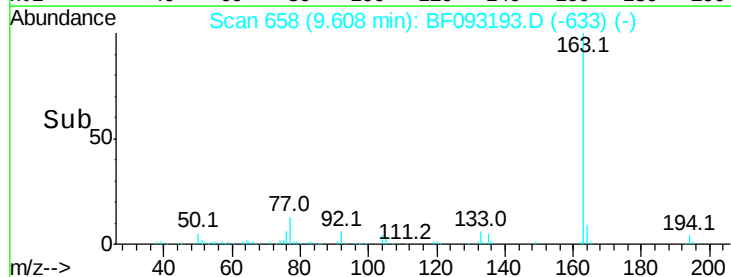
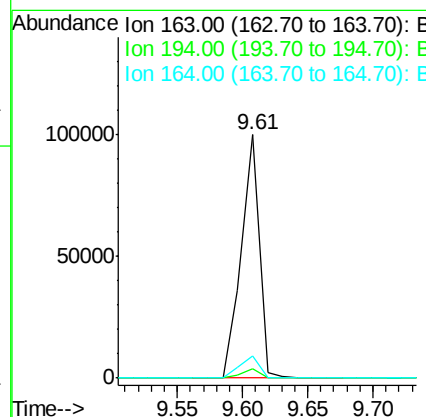
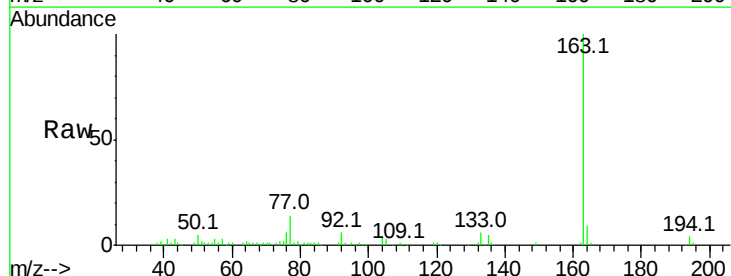
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.5	20.2	30.4

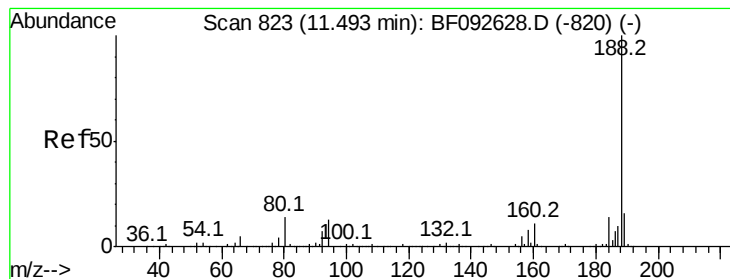


#49
 Dimethylphthalate
 Concen: 6.07 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093193.D
 Acq: 25 Feb 2017 15:25

Tgt Ion:163 Resp: 95491

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.2	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

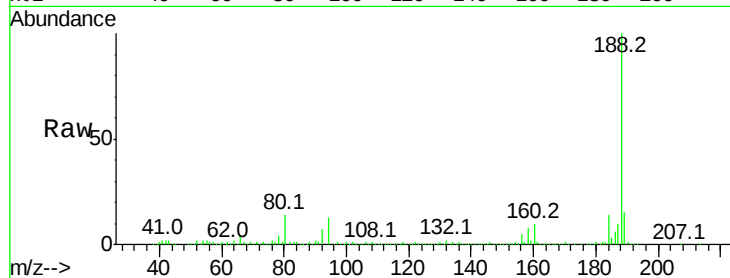
Tot Ion:188 Resp: 358595

Ion Ratio Lower Upper

188 100

94 13.2 10.0 15.0

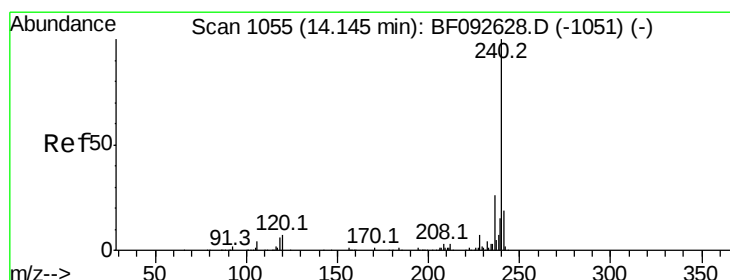
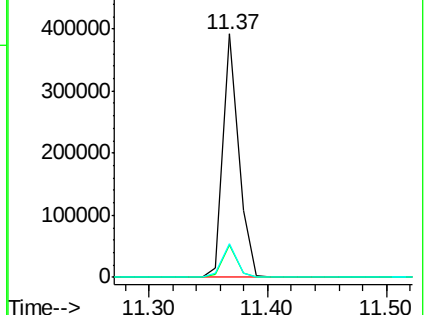
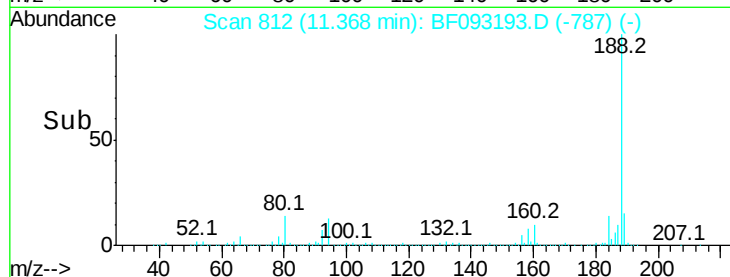
80 14.0 11.2 16.8



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: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

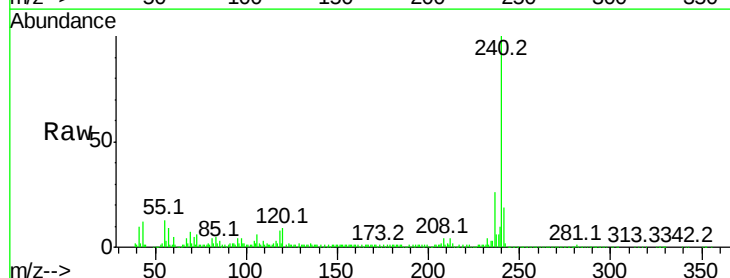
Tgt Ion:240 Resp: 324226

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

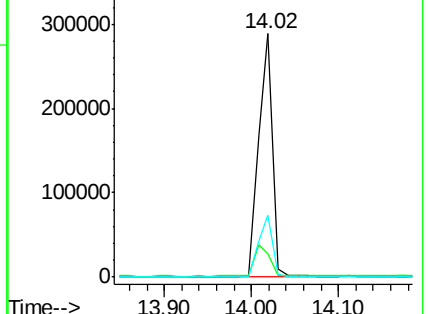
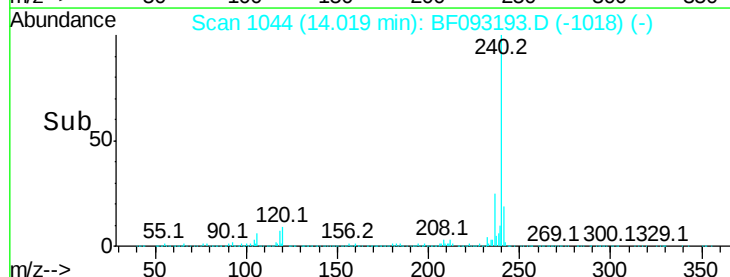
236 25.6 20.9 31.3

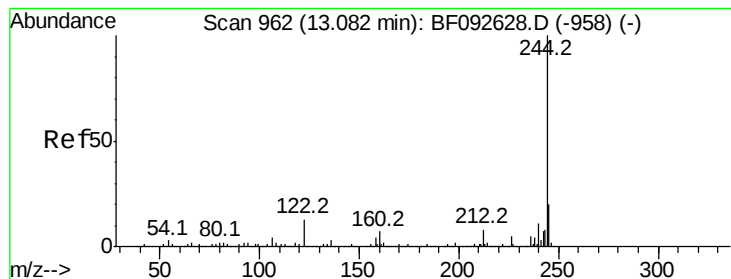


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.23 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

Instrument :

BNA_F

ClientSampleId :

E2-Y5N-SW2

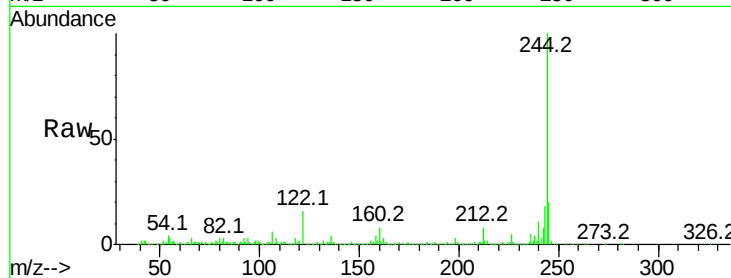
Tot Ion:244 Resp: 872455

Ion Ratio Lower Upper

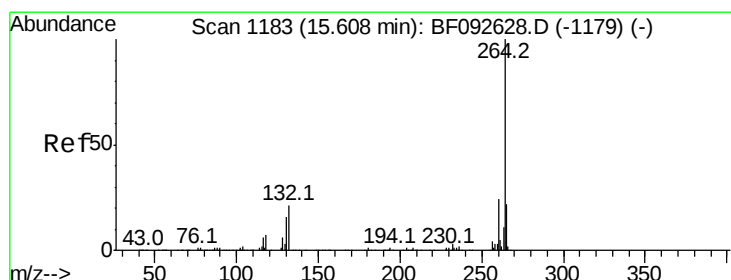
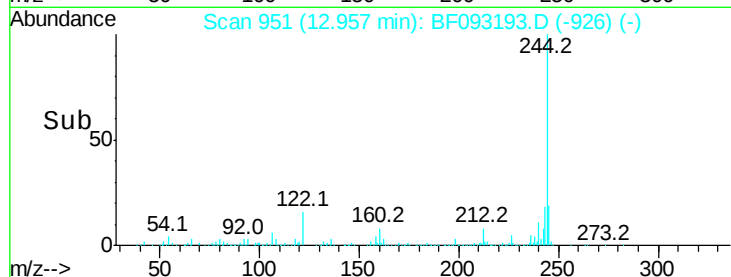
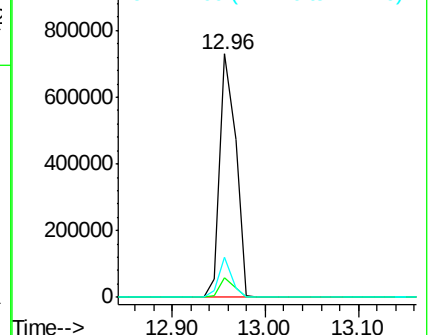
244 100

212 7.9 6.2 9.2

122 16.4 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

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF093193.D

Acq: 25 Feb 2017 15:25

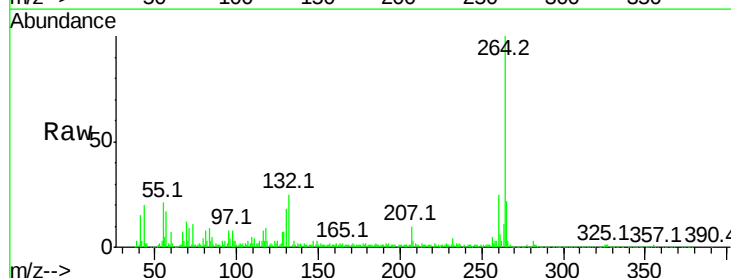
Tgt Ion:264 Resp: 226381

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.9 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

