

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094692.D
 Acq On : 28 Apr 2017 19:11
 Operator : SJ/MA
 Sample : I2895-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 23:06:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

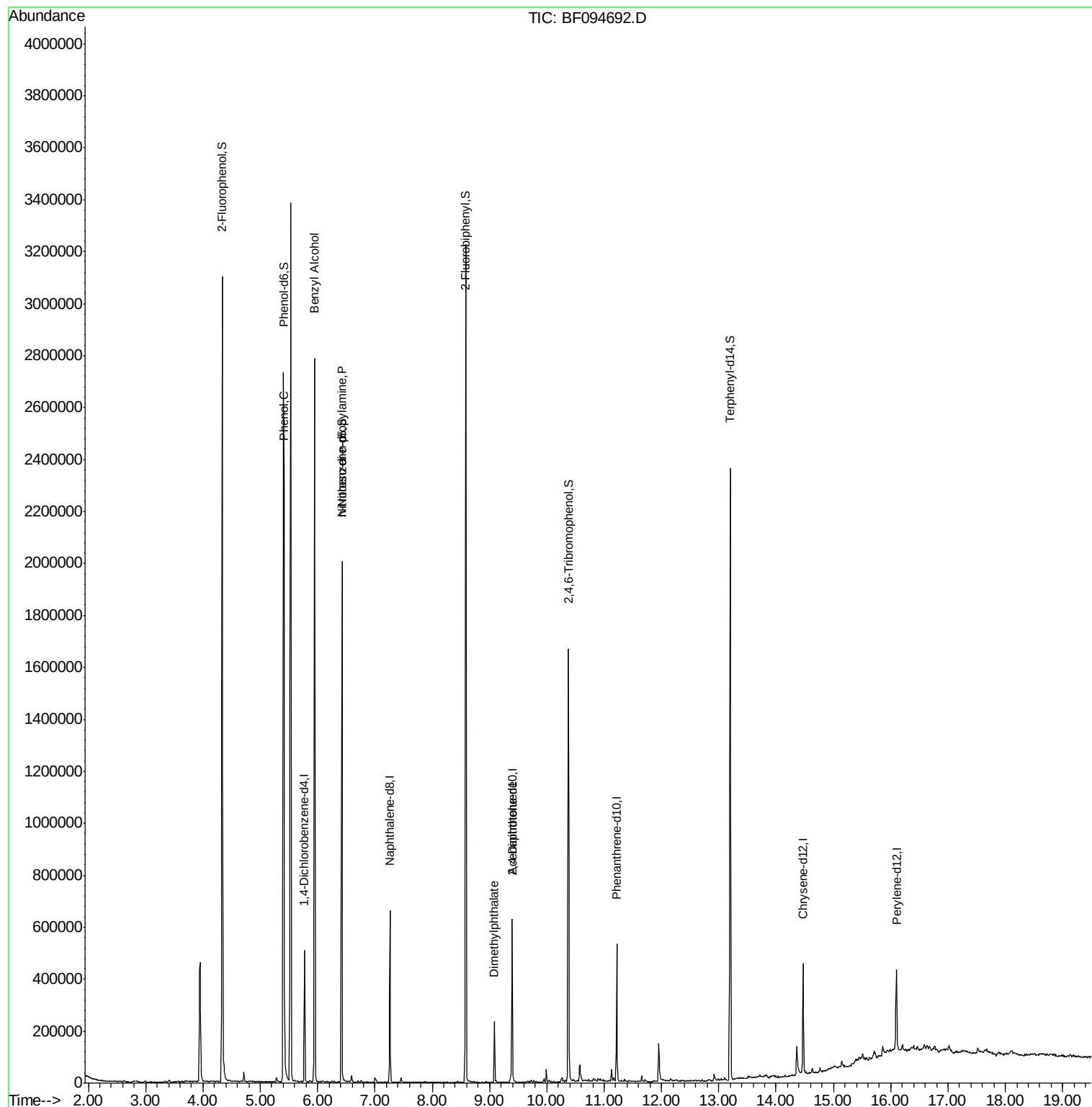
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	80468	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	303986	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	130768	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	205167	20.00	ng	0.00
75) Chrysene-d12	14.47	240	165273	20.00	ng	0.00
86) Perylene-d12	16.10	264	124316	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	1008657	207.96	ng	0.03
7) Phenol-d6	5.41	99	1254738	219.44	ng	0.01
23) Nitrobenzene-d5	6.42	82	724627	147.19	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	211509	206.78	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1217866	137.03	ng	0.00
78) Terphenyl-d14	13.20	244	841753	136.14	ng	0.00
Target Compounds						
10) Phenol	5.42	94	14520	2.07	ng	Qvalue 84
15) Benzyl Alcohol	5.95	79	12575	2.96	ng	# 44
19) n-Nitroso-di-n-propylamine	6.42	70	96052	25.35	ng	# 74
49) Dimethylphthalate	9.08	163	108934	11.18	ng	98
56) 2,4-Dinitrotoluene	9.40	165	16817	6.27	ng	# 31

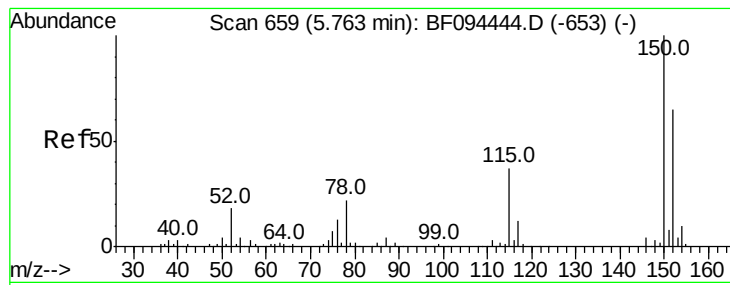
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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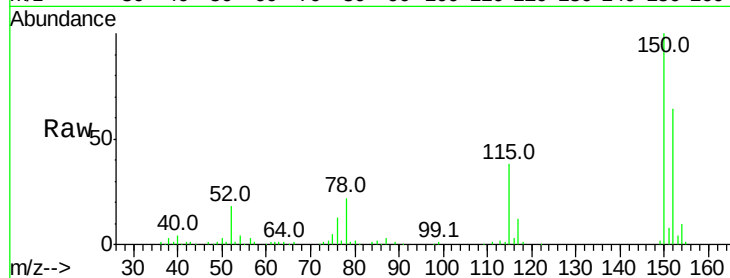




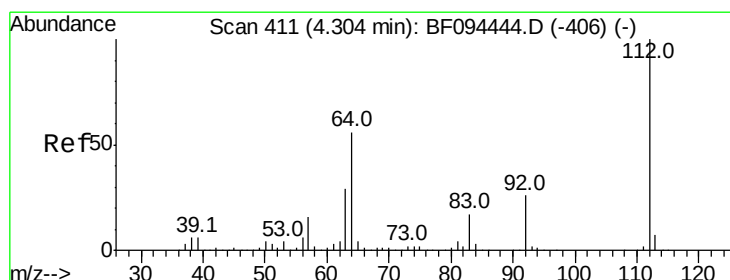
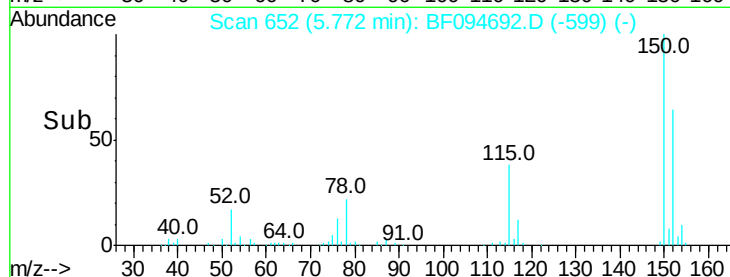
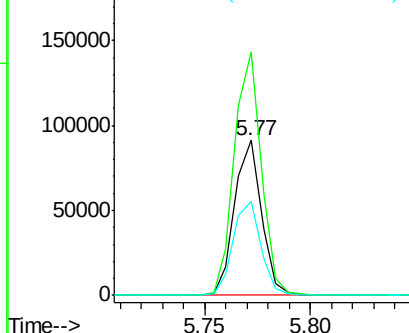
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BF094692.D
 Acq: 28 Apr 2017 19:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 80468
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 60.2 52.2 78.2

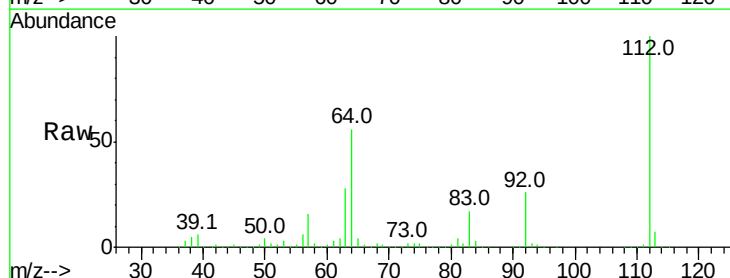


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

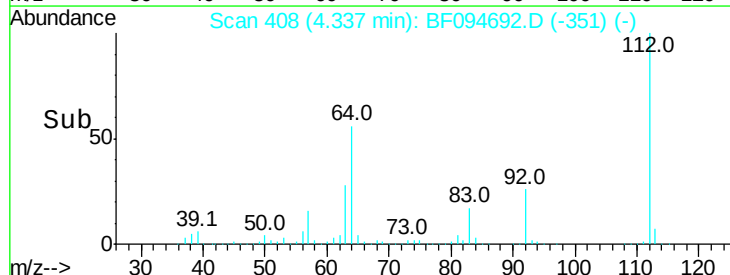
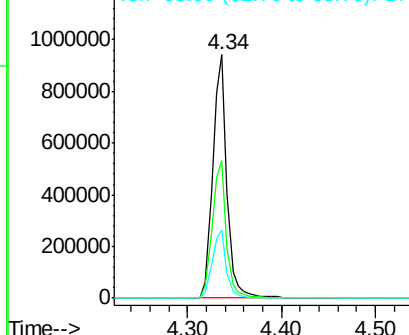


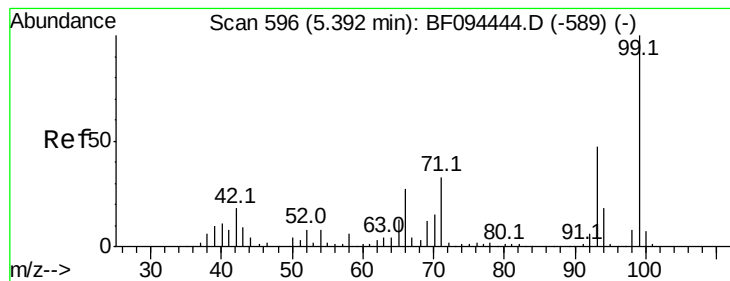
#5
 2-Fluorophenol
 Concen: 207.96 ng
 RT: 4.34 min Scan# 408
 Delta R.T. 0.03 min
 Lab File: BF094692.D
 Acq: 28 Apr 2017 19:11

Tgt Ion:112 Resp: 1008657
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.0 69.0
 63 28.1 23.4 35.0



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: 219.44 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094692.D

Acq: 28 Apr 2017 19:11

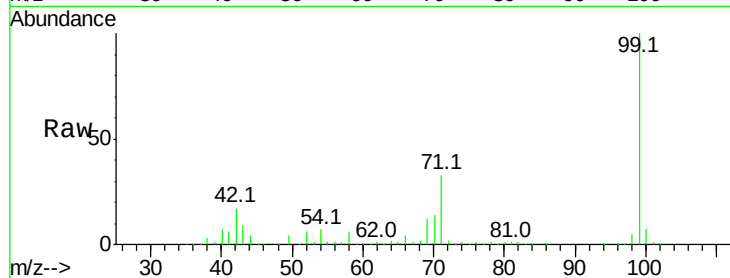
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1254738

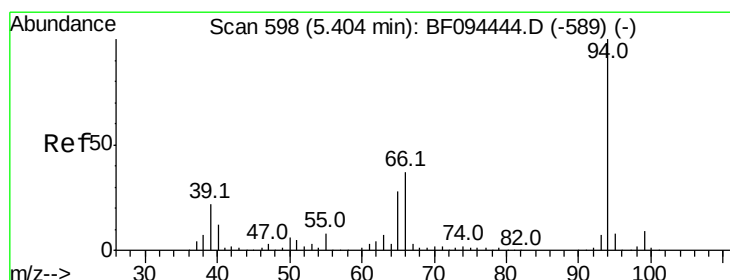
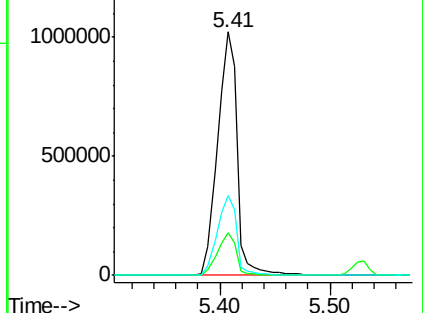
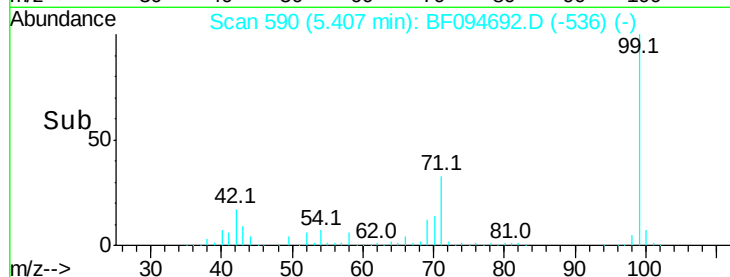
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	33.0	24.5	36.7



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: 2.07 ng

RT: 5.42 min Scan# 592

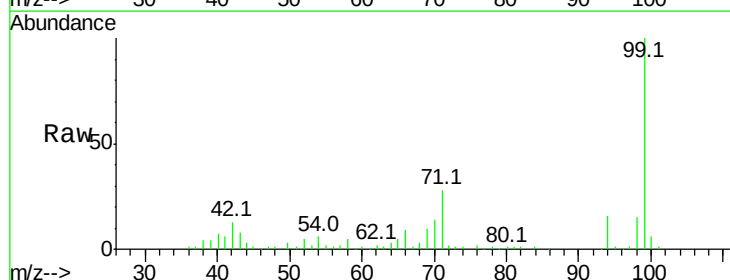
Delta R.T. 0.01 min

Lab File: BF094692.D

Acq: 28 Apr 2017 19:11

Tgt Ion: 94 Resp: 14520

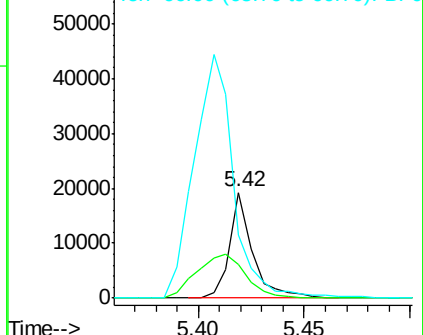
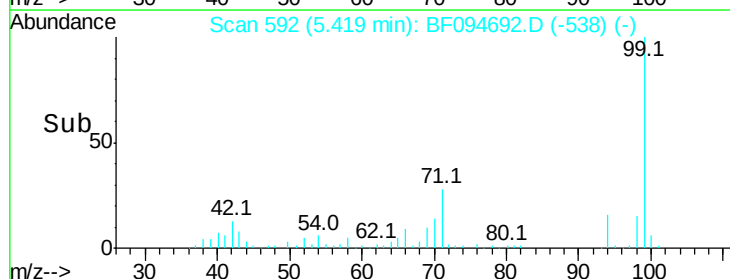
Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.9	49.9
66	59.4	23.1	63.1

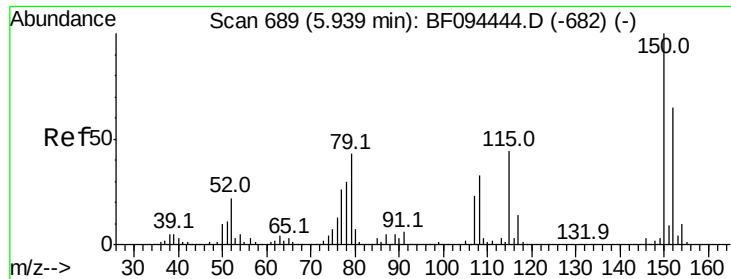


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

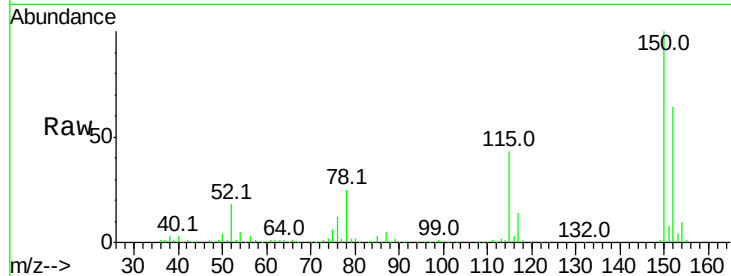




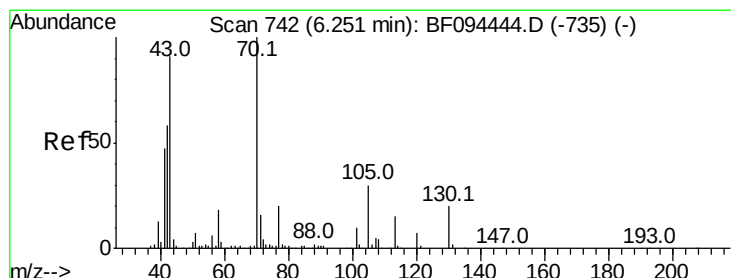
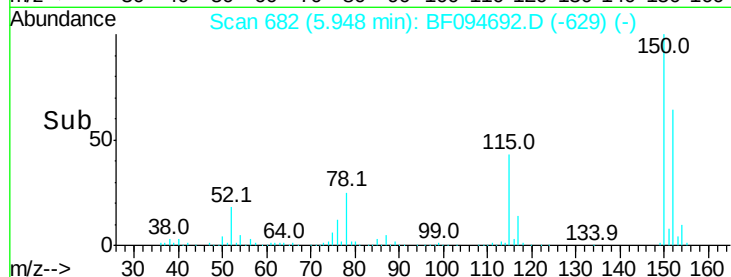
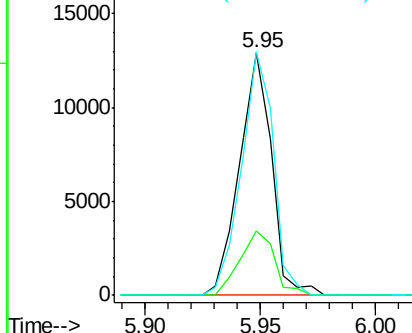
#15
Benzyl Alcohol
Concen: 2.96 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094692.D
Acq: 28 Apr 2017 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 12575
Ion Ratio Lower Upper
79 100
108 26.5 63.4 95.0#
77 100.5 49.2 73.8#

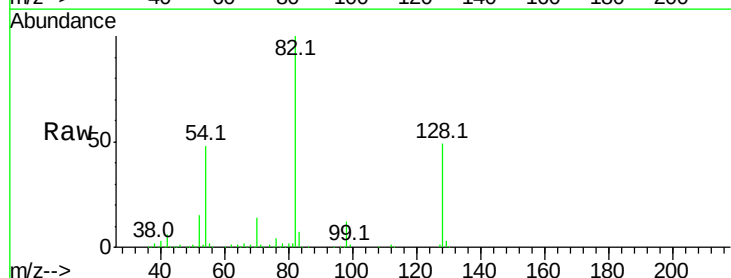


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

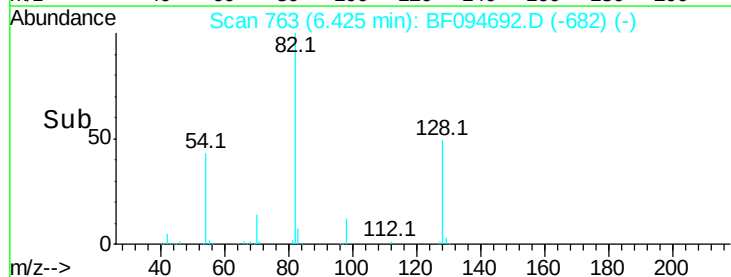
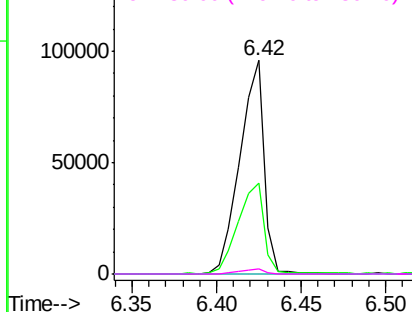


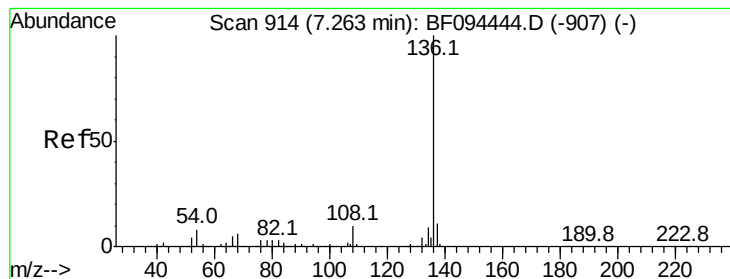
#19
n-Nitroso-di-n-propylamine
Concen: 25.35 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.17 min
Lab File: BF094692.D
Acq: 28 Apr 2017 19:11

Tgt Ion: 70 Resp: 96052
Ion Ratio Lower Upper
70 100
42 42.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094692.D

Acq: 28 Apr 2017 19:11

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 303986

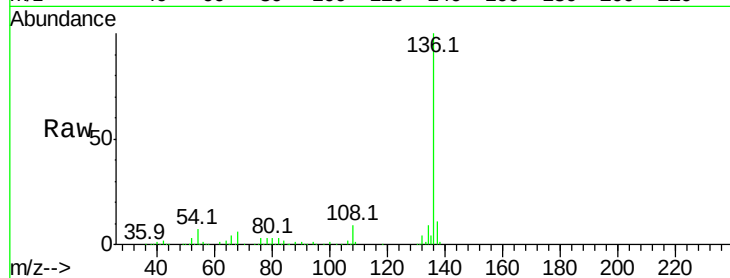
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

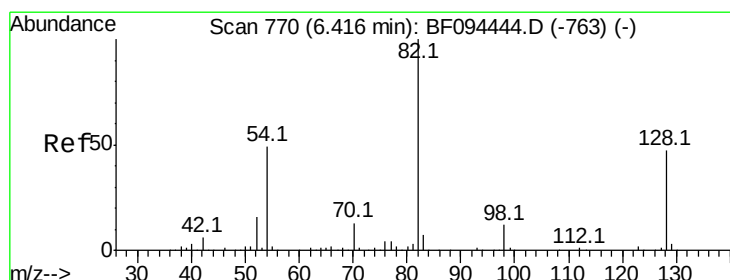
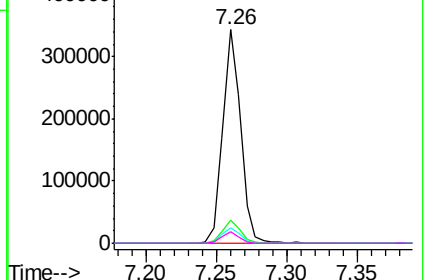
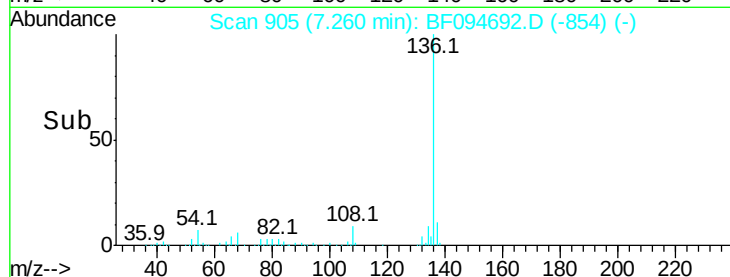


Abundance Ion 136.00 (135.70 to 136.70): E

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: 147.19 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094692.D

Acq: 28 Apr 2017 19:11

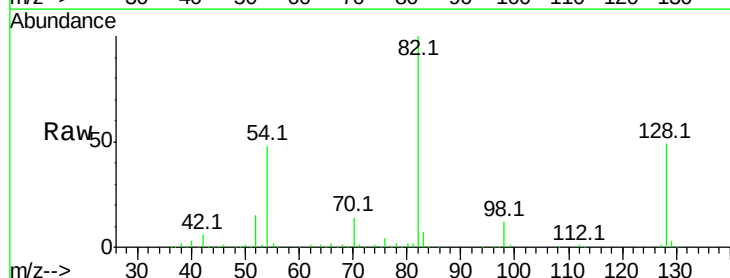
Tgt Ion: 82 Resp: 724627

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

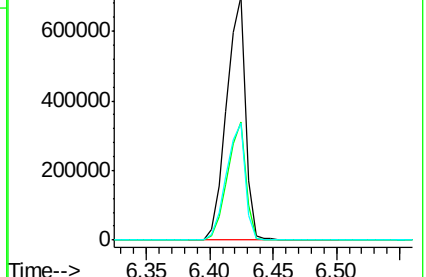
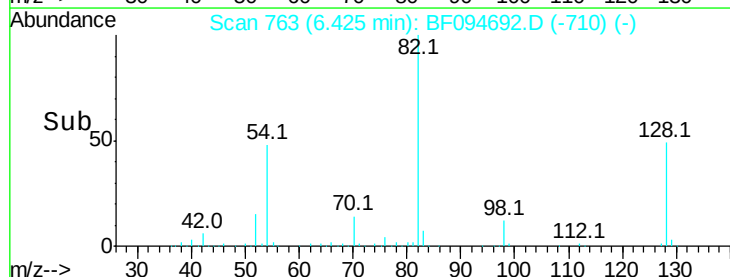
54 47.9 42.2 63.2

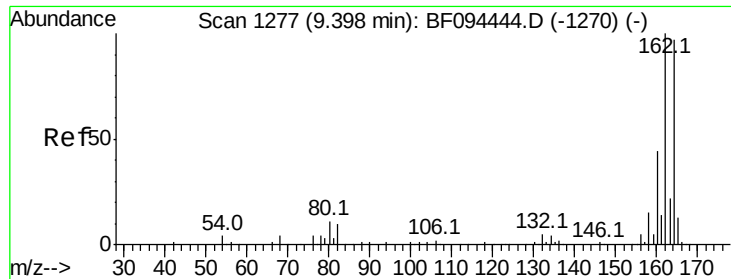


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094692.D

Acq: 28 Apr 2017 19:11

Instrument :

BNA_F

ClientSampleId :

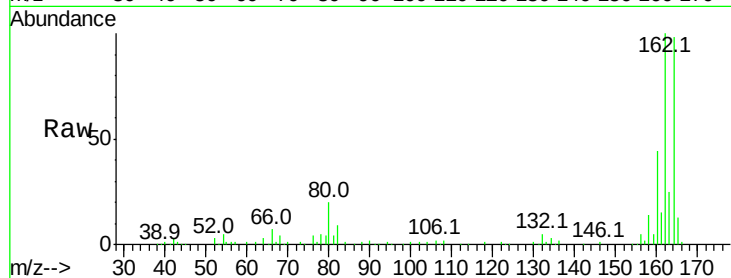
Tot Ion:164 Resp: 130768

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

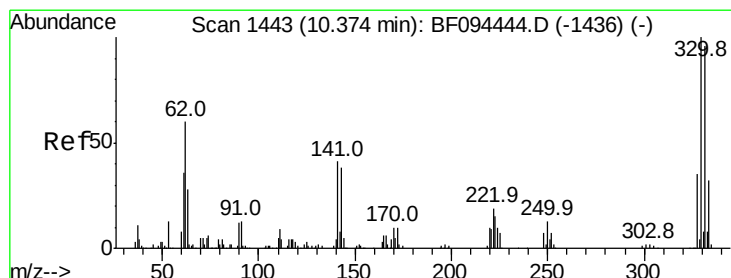
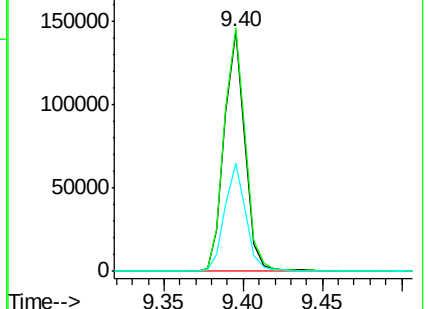
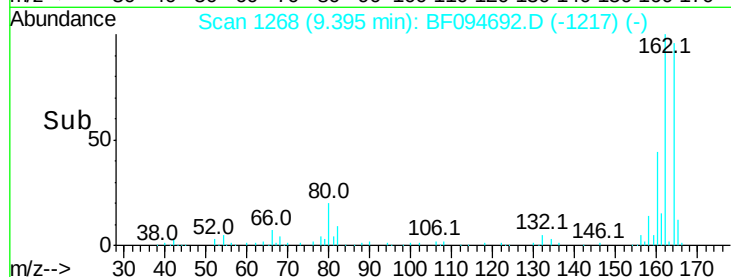
160 44.9 36.2 54.2



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: 206.78 ng

RT: 10.38 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF094692.D

Acq: 28 Apr 2017 19:11

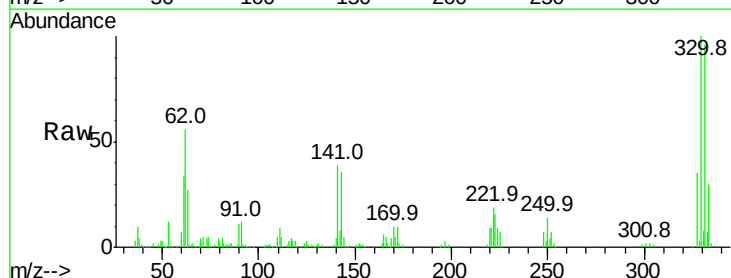
Tgt Ion:330 Resp: 211509

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

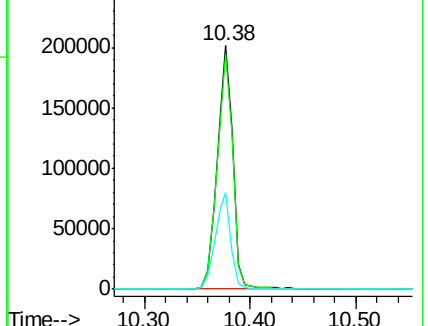
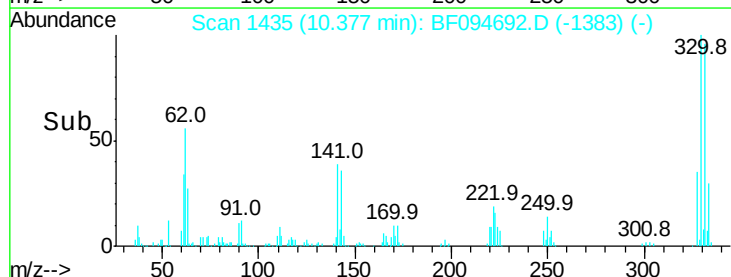
141 39.4 31.4 47.2

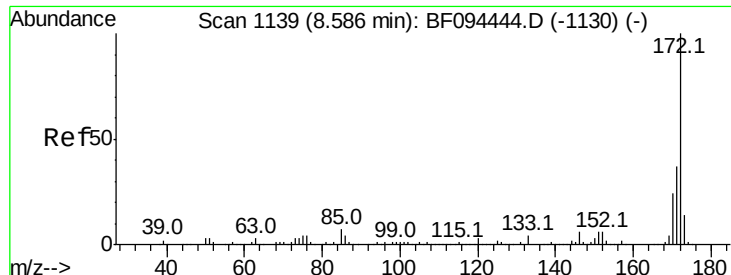


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

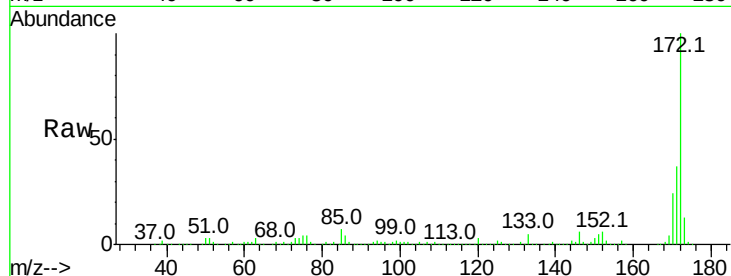




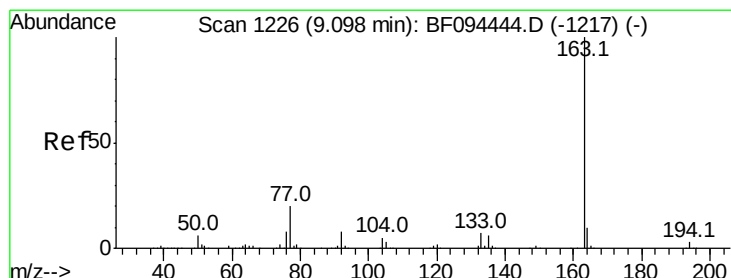
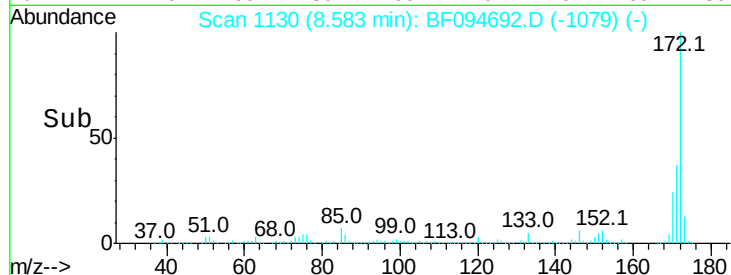
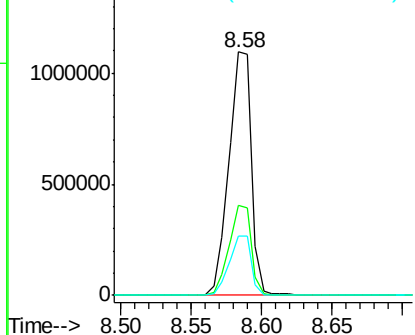
#44
2-Fluorobiphenyl
Concen: 137.03 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094692.D
Acq: 28 Apr 2017 19:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1217866
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.2 19.8 29.8

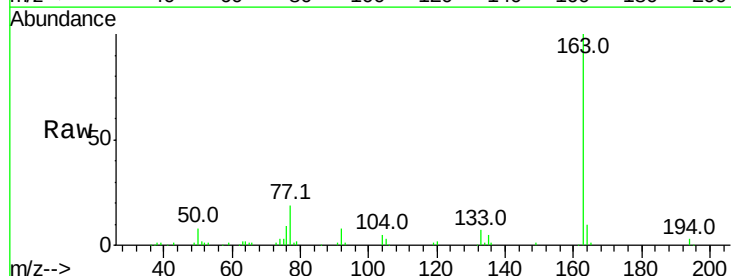


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

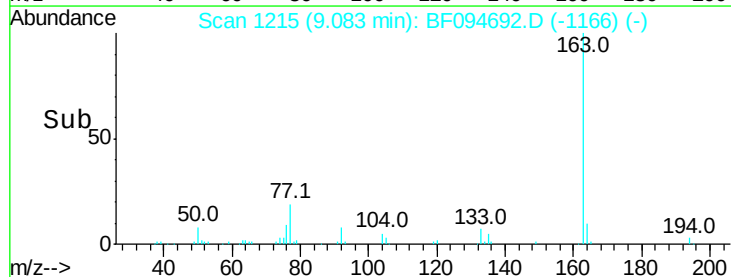
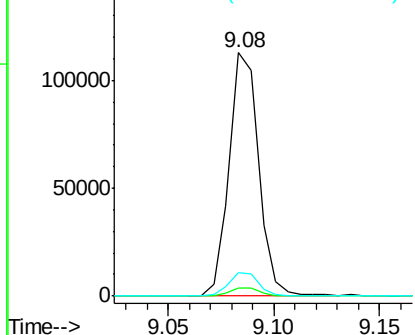


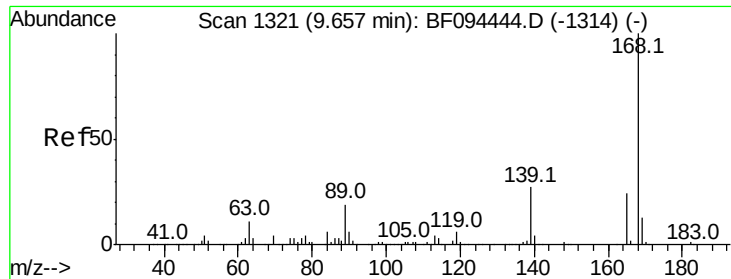
#49
Dimethylphthalate
Concen: 11.18 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094692.D
Acq: 28 Apr 2017 19:11

Tgt Ion:163 Resp: 108934
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 8.4 12.6



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

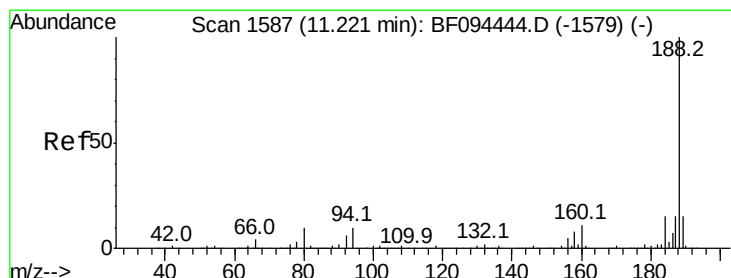
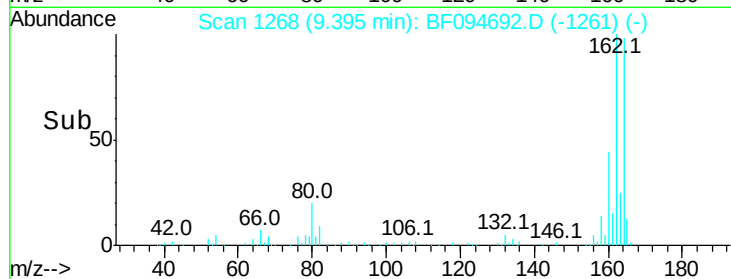
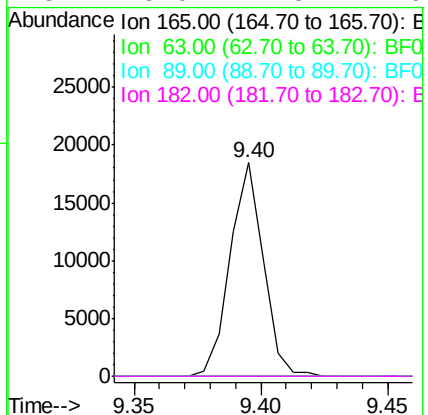
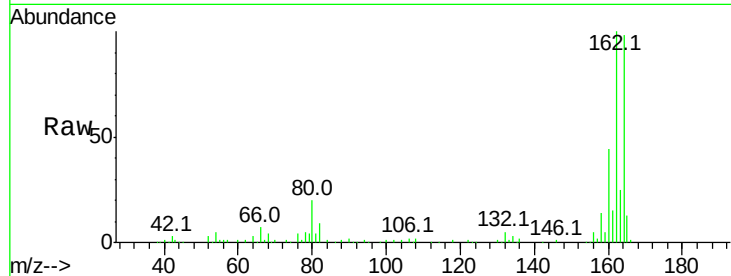




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094692.D
 Acq: 28 Apr 2017 19:11

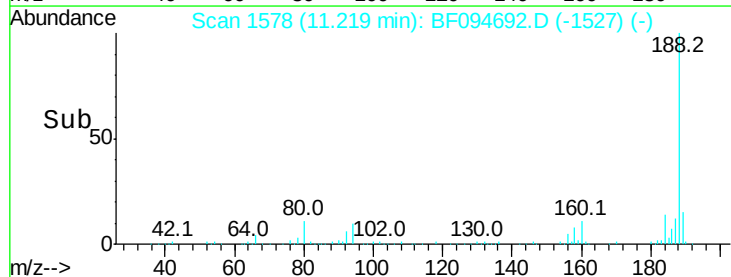
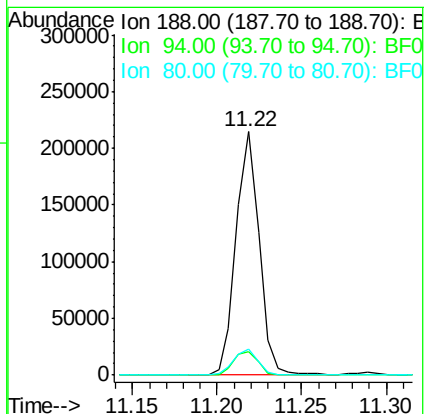
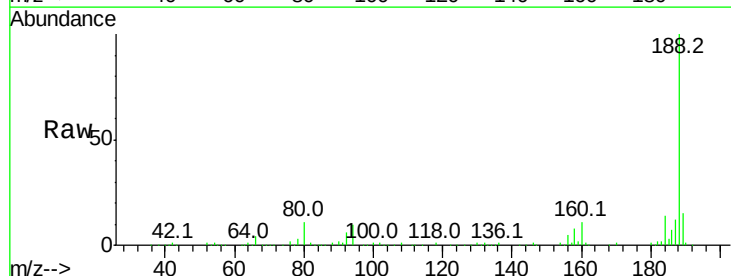
Instrument :
 BNA_F
 ClientSampleId :

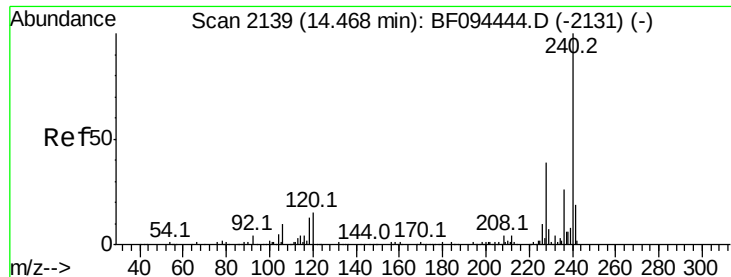
Tot Ion:	165	Resp:	16817
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094692.D
 Acq: 28 Apr 2017 19:11

Tgt Ion:	188	Resp:	205167
Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.5	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094692.D

Acq: 28 Apr 2017 19:11

Instrument :

BNA_F

ClientSampleId :

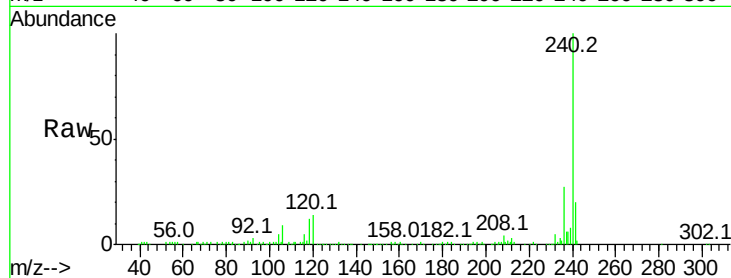
Tot Ion:240 Resp: 165273

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

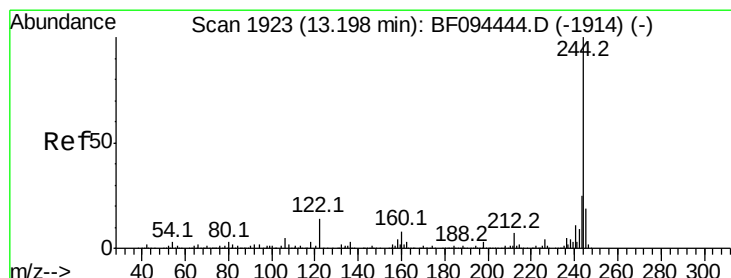
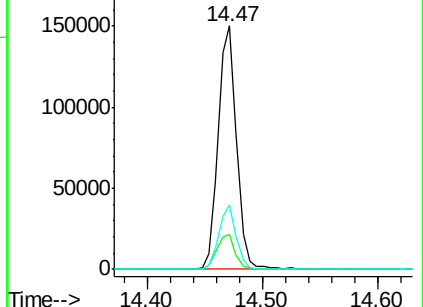
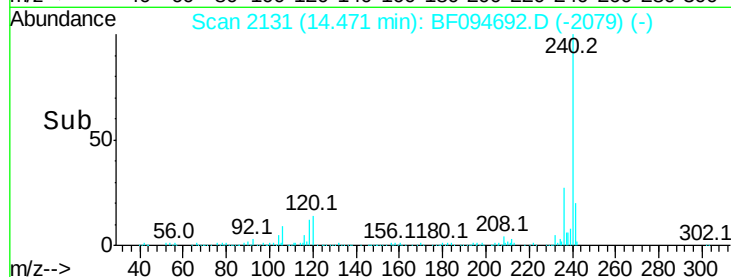
236 26.6 20.5 30.7



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: 136.14 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094692.D

Acq: 28 Apr 2017 19:11

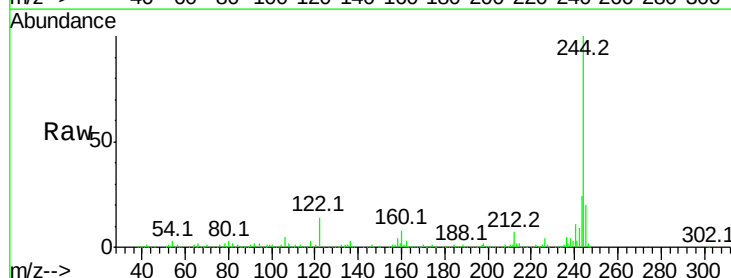
Tgt Ion:244 Resp: 841753

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

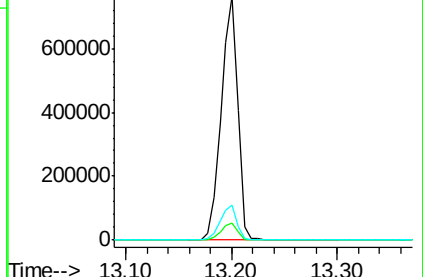
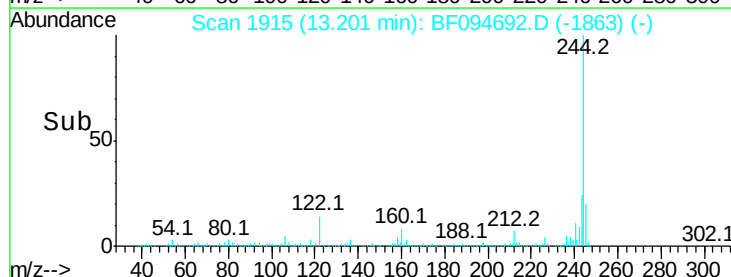
122 14.3 10.3 15.5

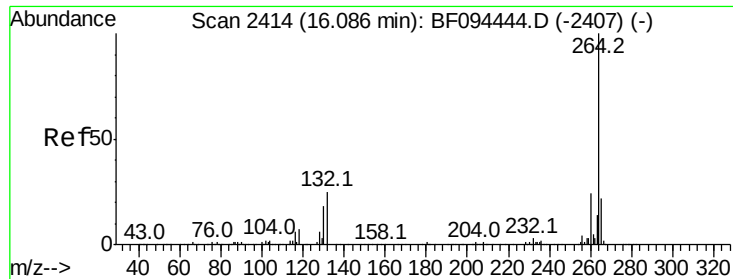


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

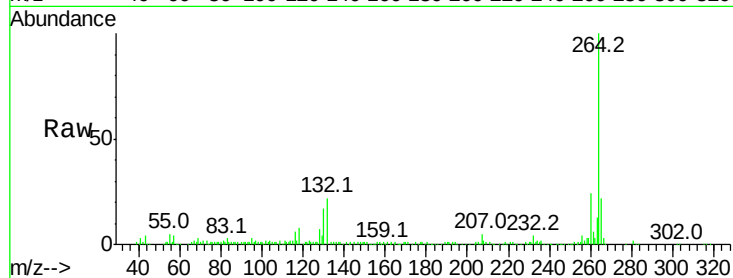




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094692.D
Acq: 28 Apr 2017 19:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.4	17.2	25.8



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

