

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094876.D
 Acq On : 4 May 2017 16:22
 Operator : SJ/MA
 Sample : I2936-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-COMP(1-10FT)

Quant Time: May 04 16:53:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

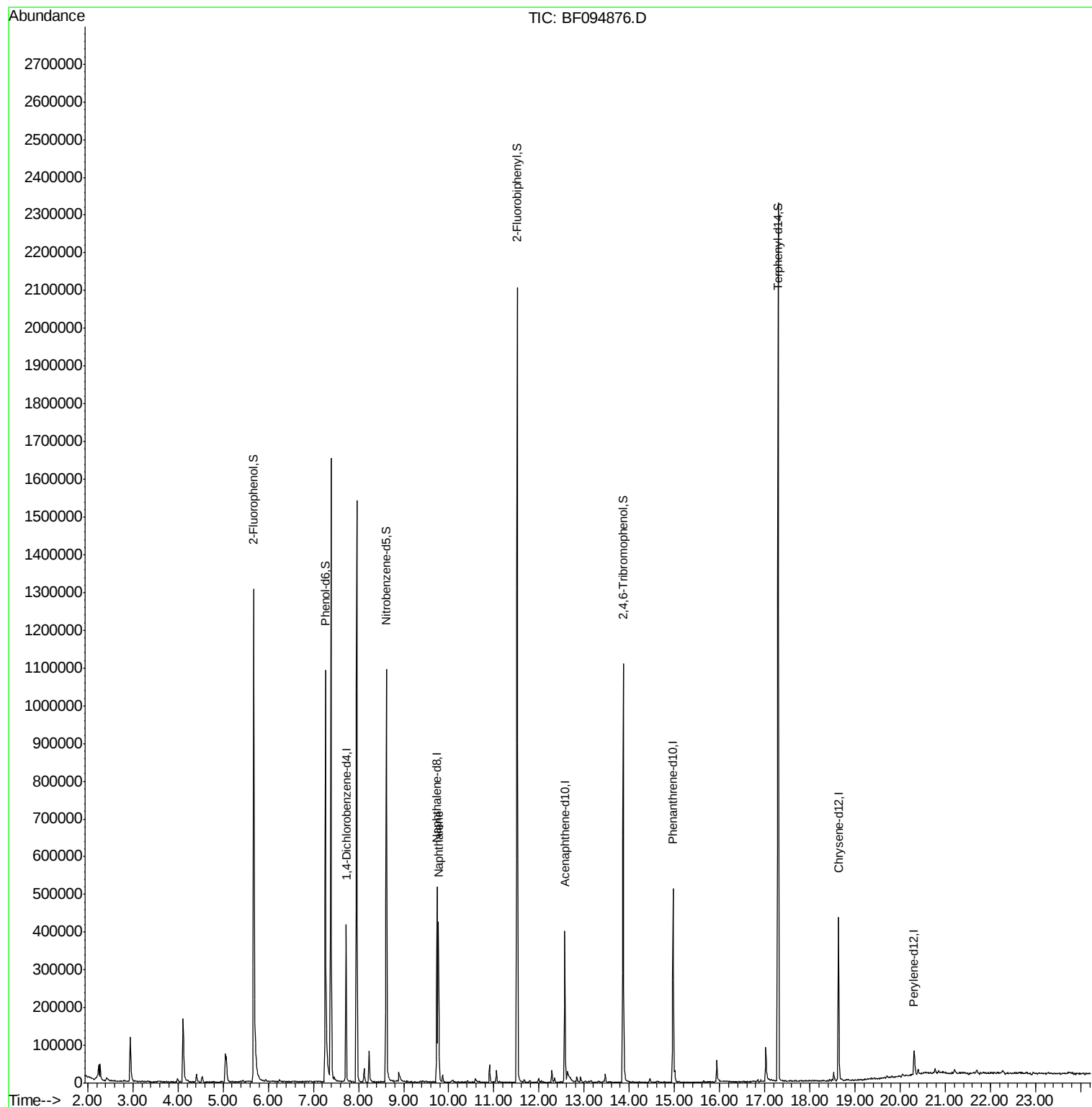
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82882	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	322692	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	112835	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	262676	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	157157	20.00	ng	-0.02
86) Perylene-d12	20.31	264	15204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	620018	124.72	ng	0.00
7) Phenol-d6	7.27	99	596463	100.00	ng	-0.01
23) Nitrobenzene-d5	8.62	82	474640	92.75	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	185246	200.46	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	939104	119.79	ng	-0.01
78) Terphenyl-d14	17.30	244	876447	122.83	ng	-0.01
Target Compounds						
31) Naphthalene	9.77	128	260051	16.03	ng	Qvalue 99

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

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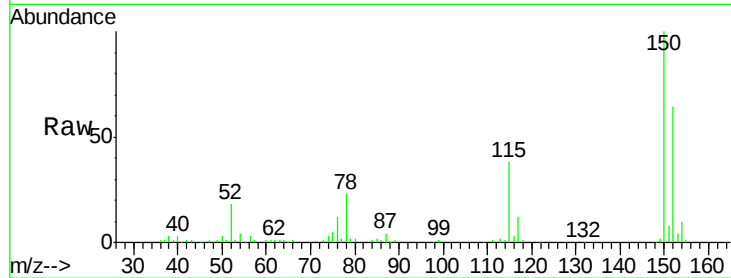


#1

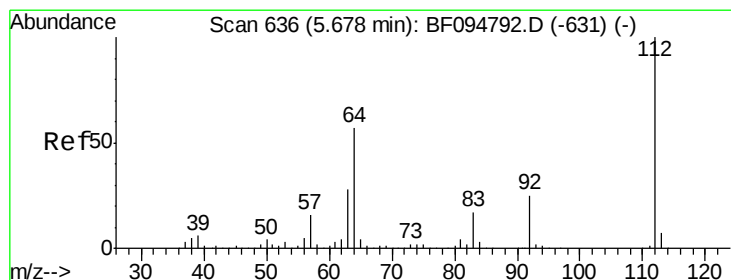
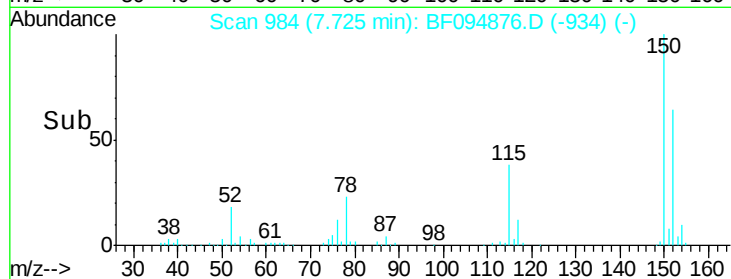
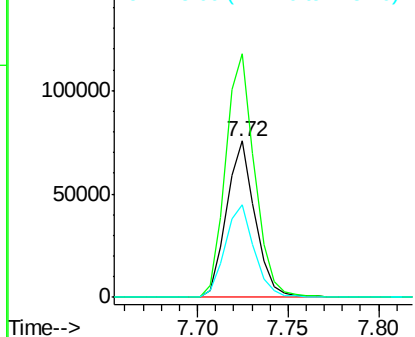
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

Instrument :
BNA_F
ClientSampleId :
TP2-COMP(1-10FT)

Tgt Ion:152 Resp: 82882
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 59.0 52.2 78.2



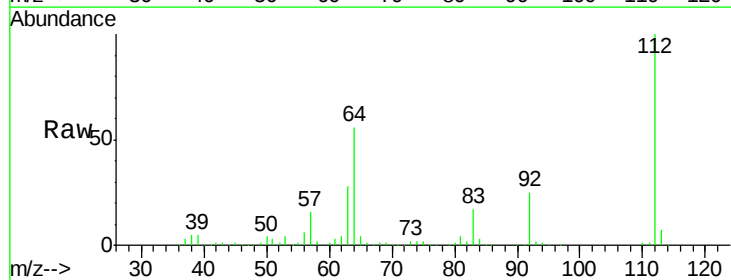
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



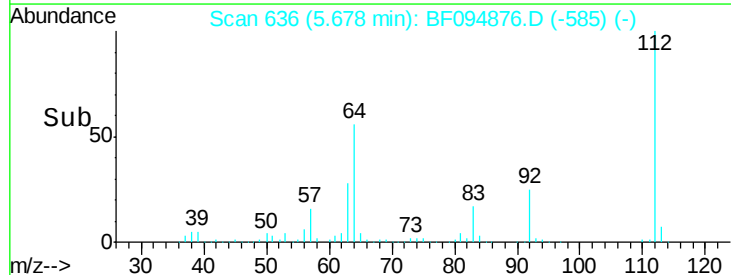
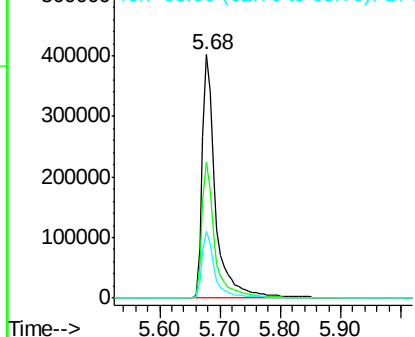
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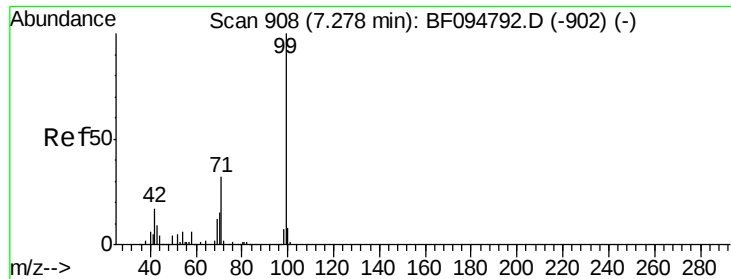
2-Fluorophenol
Concen: 124.72 ng
RT: 5.68 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

Tgt Ion:112 Resp: 620018
Ion Ratio Lower Upper
112 100
64 56.2 46.0 69.0
63 27.7 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: 100.00 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

Instrument :

BNA_F

ClientSampleId :

TP2-COMP(1-10FT)

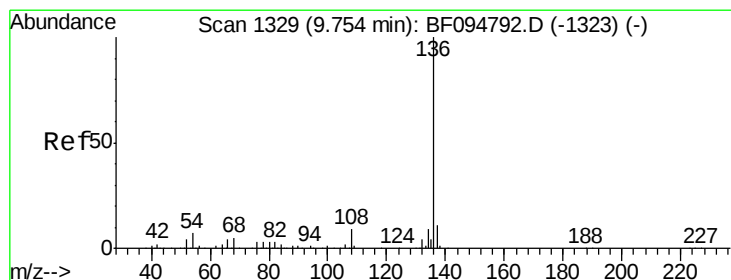
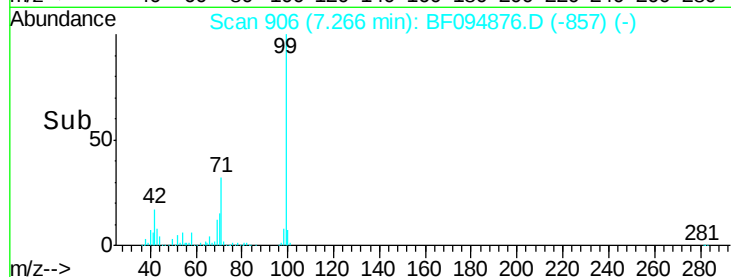
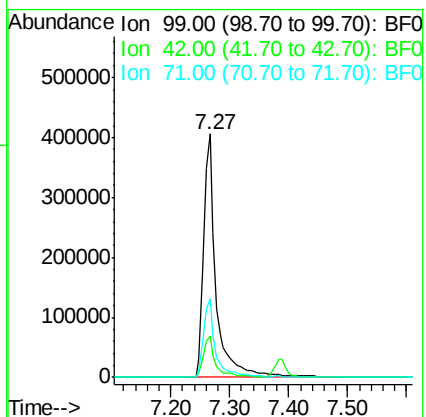
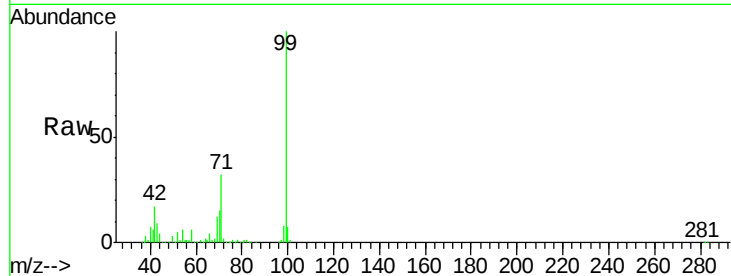
Tgt Ion: 99 Resp: 596463

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 32.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

Tgt Ion: 136 Resp: 322692

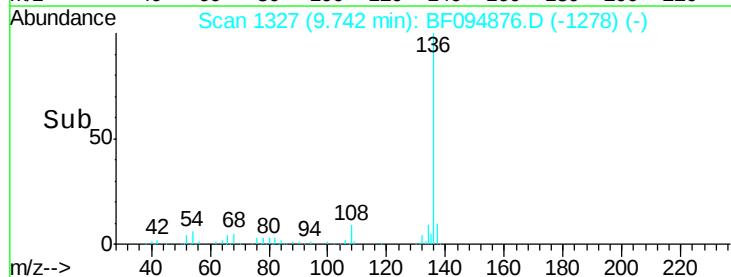
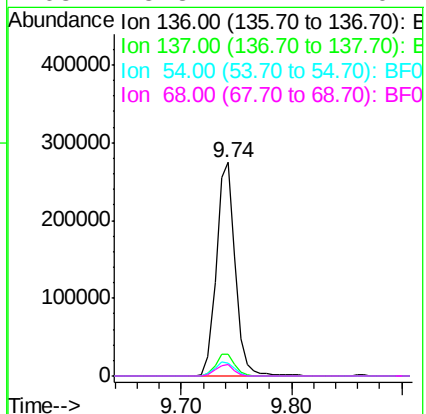
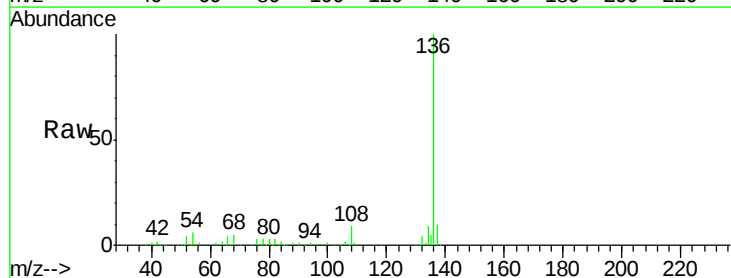
Ion Ratio Lower Upper

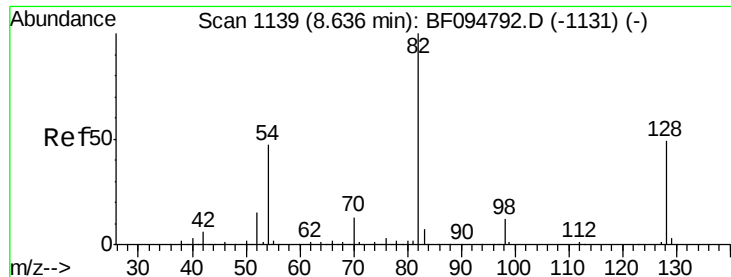
136 100

137 10.5 8.5 12.7

54 6.2 4.9 7.3

68 5.3 4.1 6.1

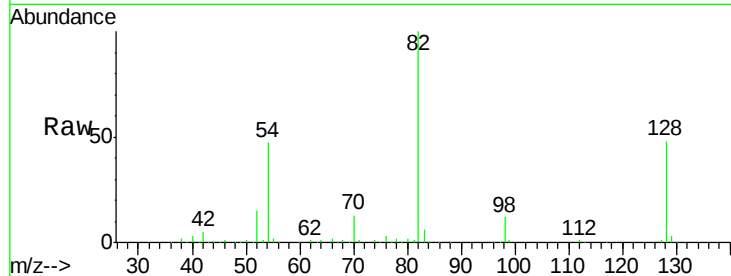




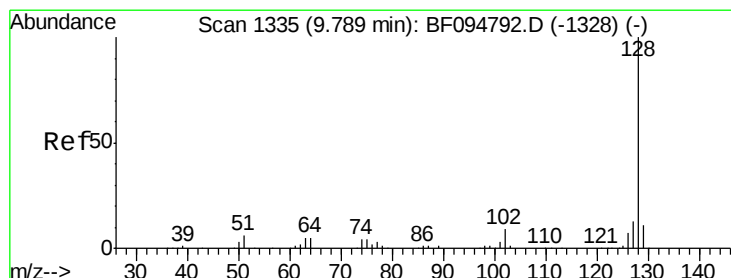
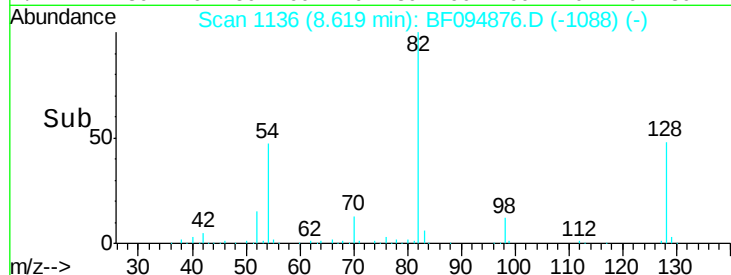
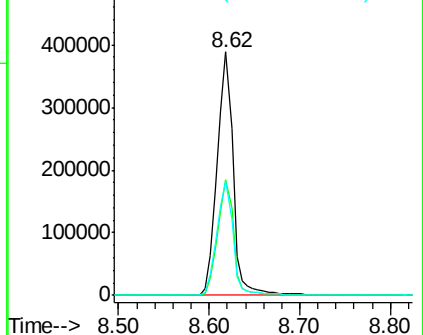
#23
 Nitrobenzene-d5
 Concen: 92.75 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 TP2-COMP(1-10FT)

Tgt Ion: 82 Resp: 474640
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 46.8 42.2 63.2

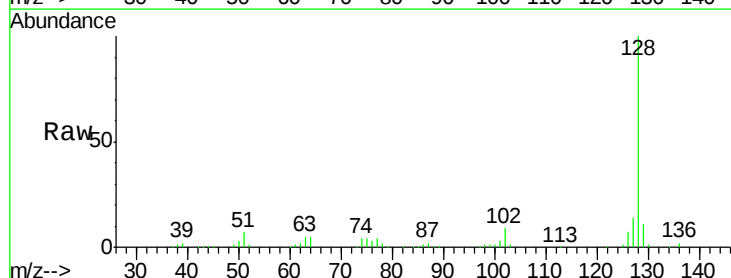


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

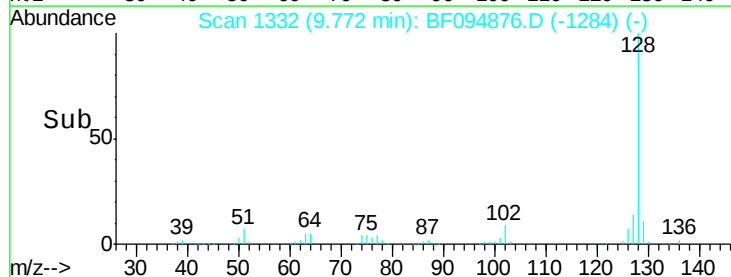
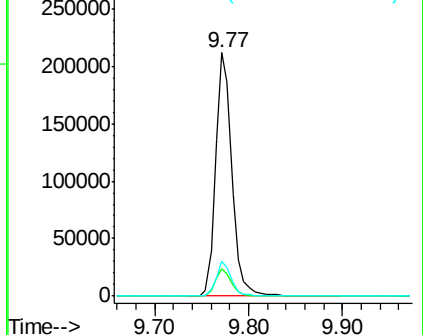


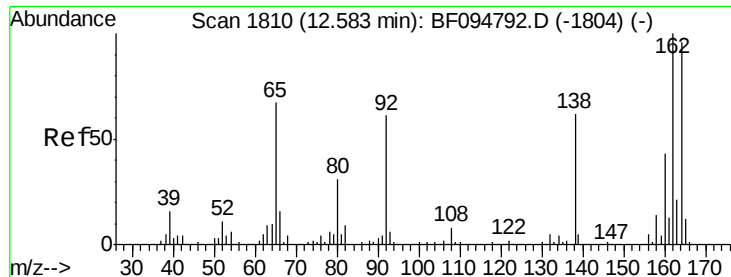
#31
 Naphthalene
 Concen: 16.03 ng
 RT: 9.77 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

Tgt Ion: 128 Resp: 260051
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 14.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

Instrument :

BNA_F

ClientSampleId :

TP2-COMP(1-10FT)

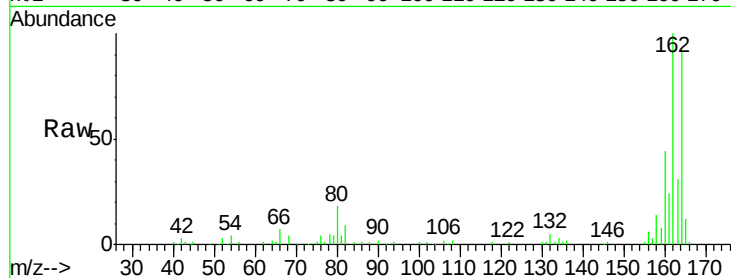
Tgt Ion:164 Resp: 112835

Ion Ratio Lower Upper

164 100

162 108.4 82.6 123.8

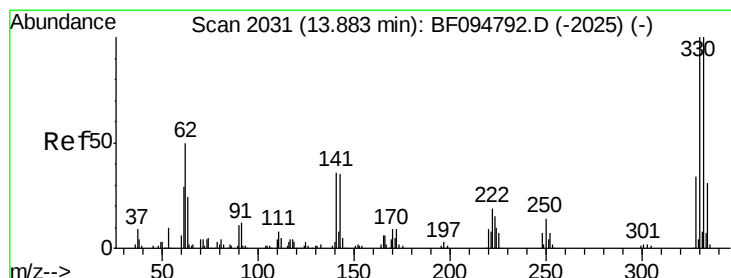
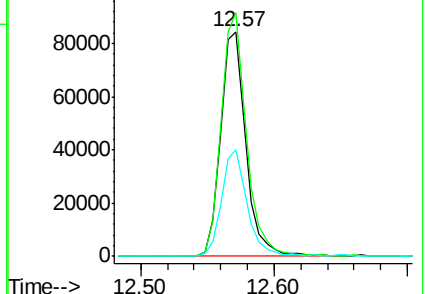
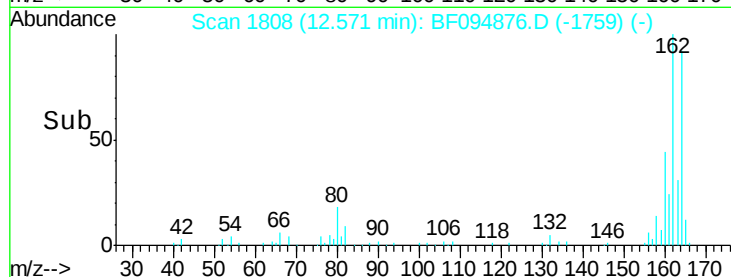
160 47.4 36.2 54.2



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: 200.46 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

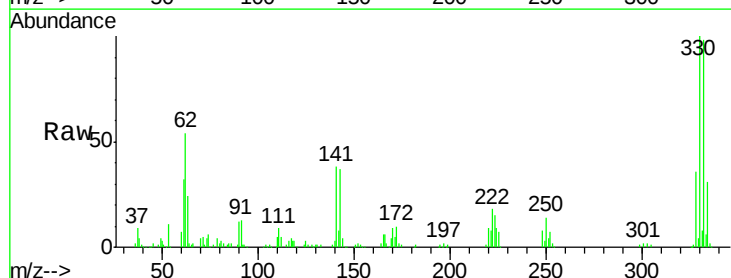
Tgt Ion:330 Resp: 185246

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

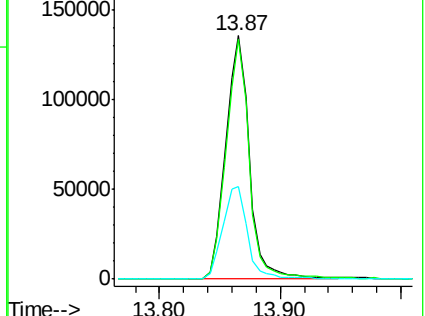
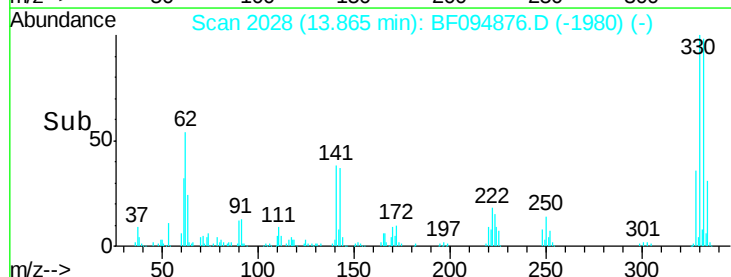
141 39.8 31.4 47.2

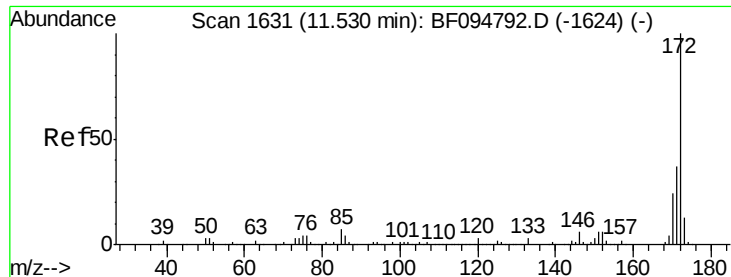


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

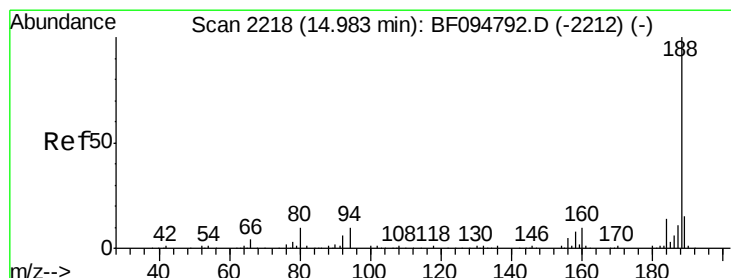
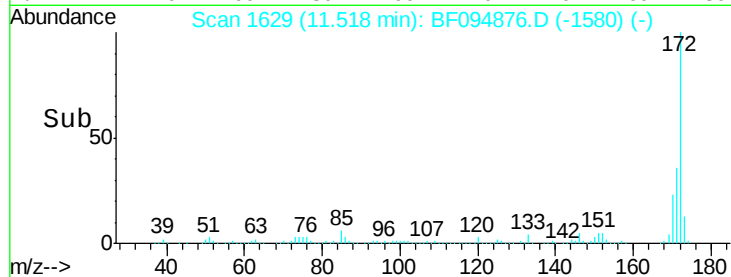
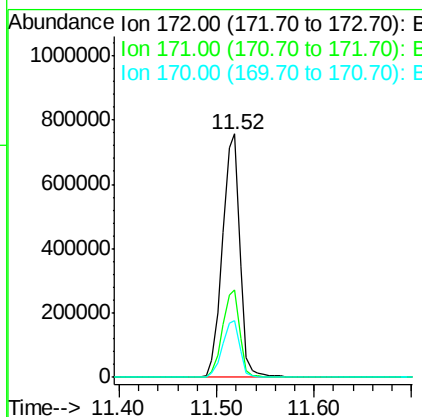
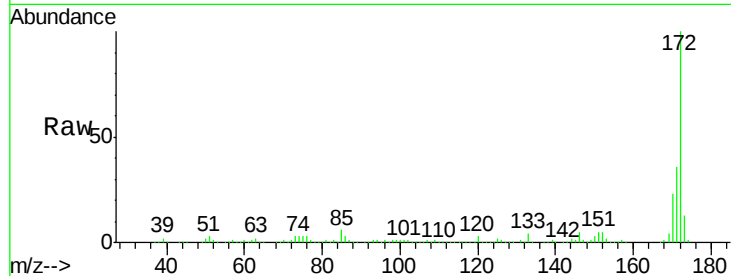




#44
 2-Fluorobiphenyl
 Concen: 119.79 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

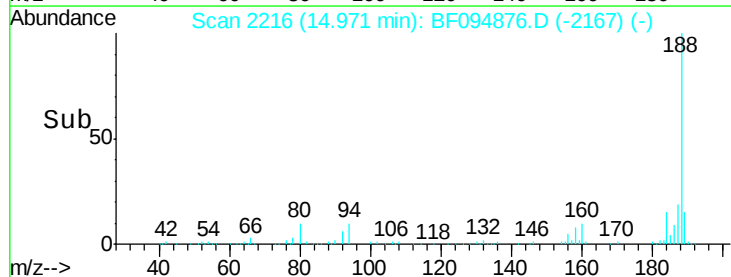
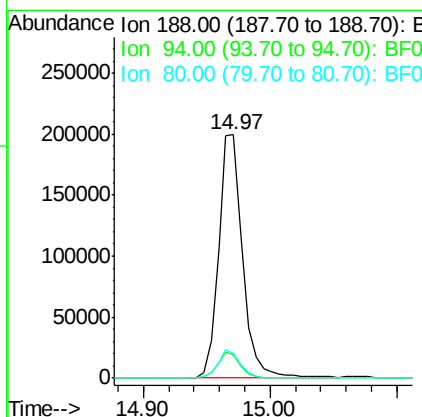
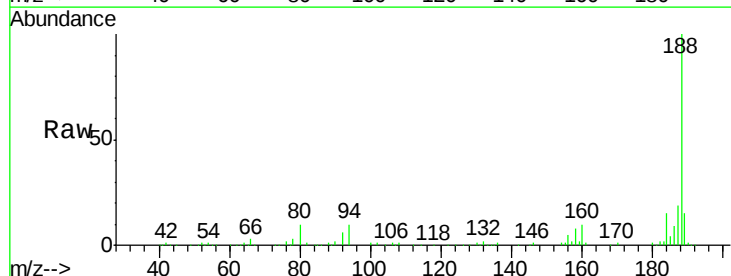
Instrument :
 BNA_F
 ClientSampleId :
 TP2-COMP(1-10FT)

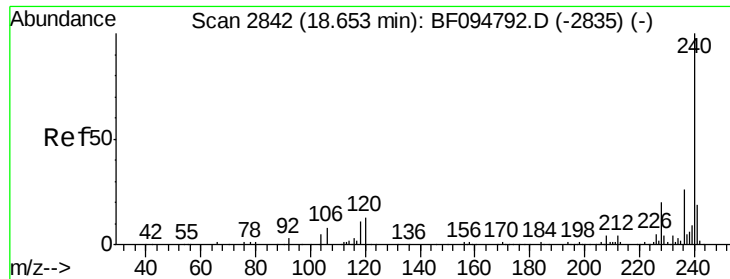
Tgt Ion:172 Resp: 939104
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.4 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

Tgt Ion:188 Resp: 262676
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.4 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

Instrument :

BNA_F

ClientSampleId :

TP2-COMP(1-10FT)

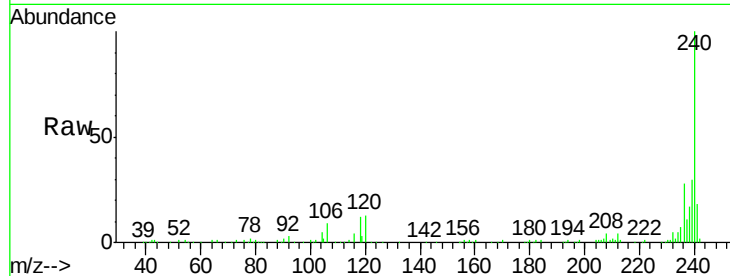
Tgt Ion:240 Resp: 157157

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

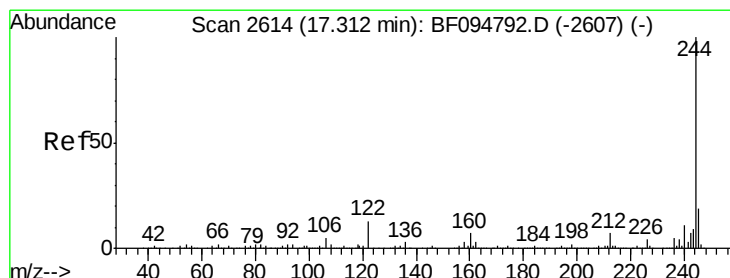
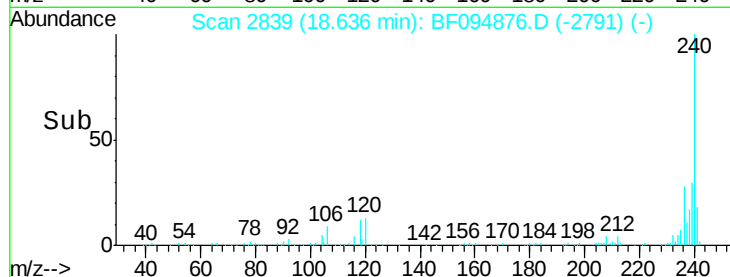
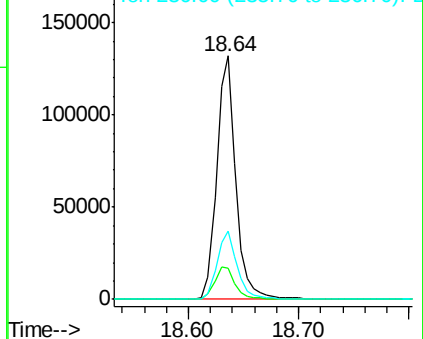
236 28.0 20.5 30.7



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: 122.83 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

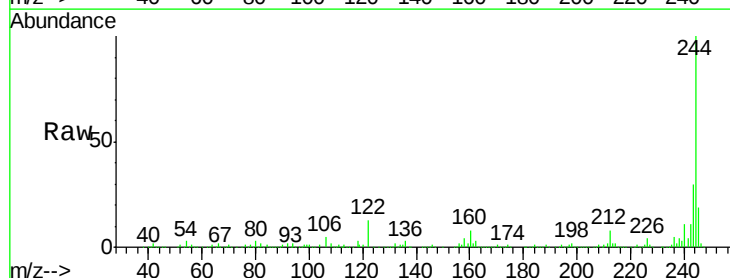
Tgt Ion:244 Resp: 876447

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

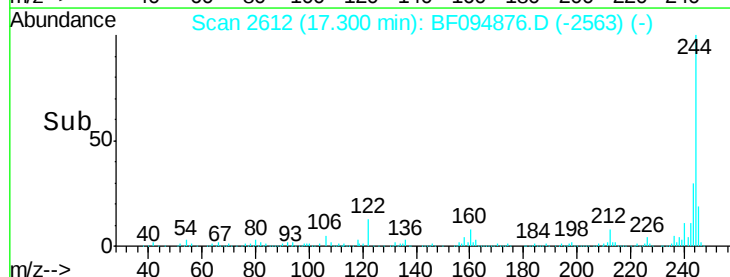
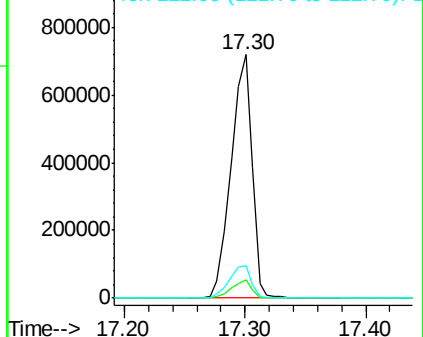
122 13.5 10.3 15.5

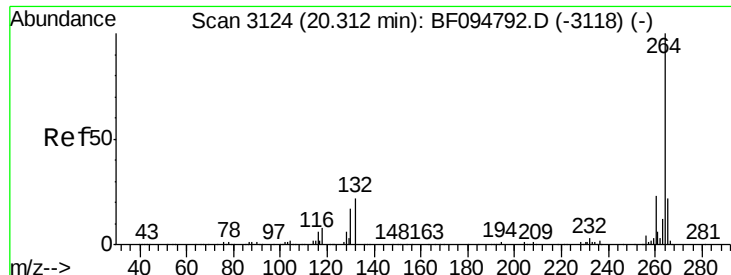


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

Instrument :
BNA_F
ClientSampleId :
TP2-COMP(1-10FT)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	42.8	19.5	29.3#
265	20.4	17.2	25.8

