

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095129.D
 Acq On : 15 May 2017 17:05
 Operator : SJ/MA
 Sample : I3121-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1540-COMP

Quant Time: May 16 13:33:38 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

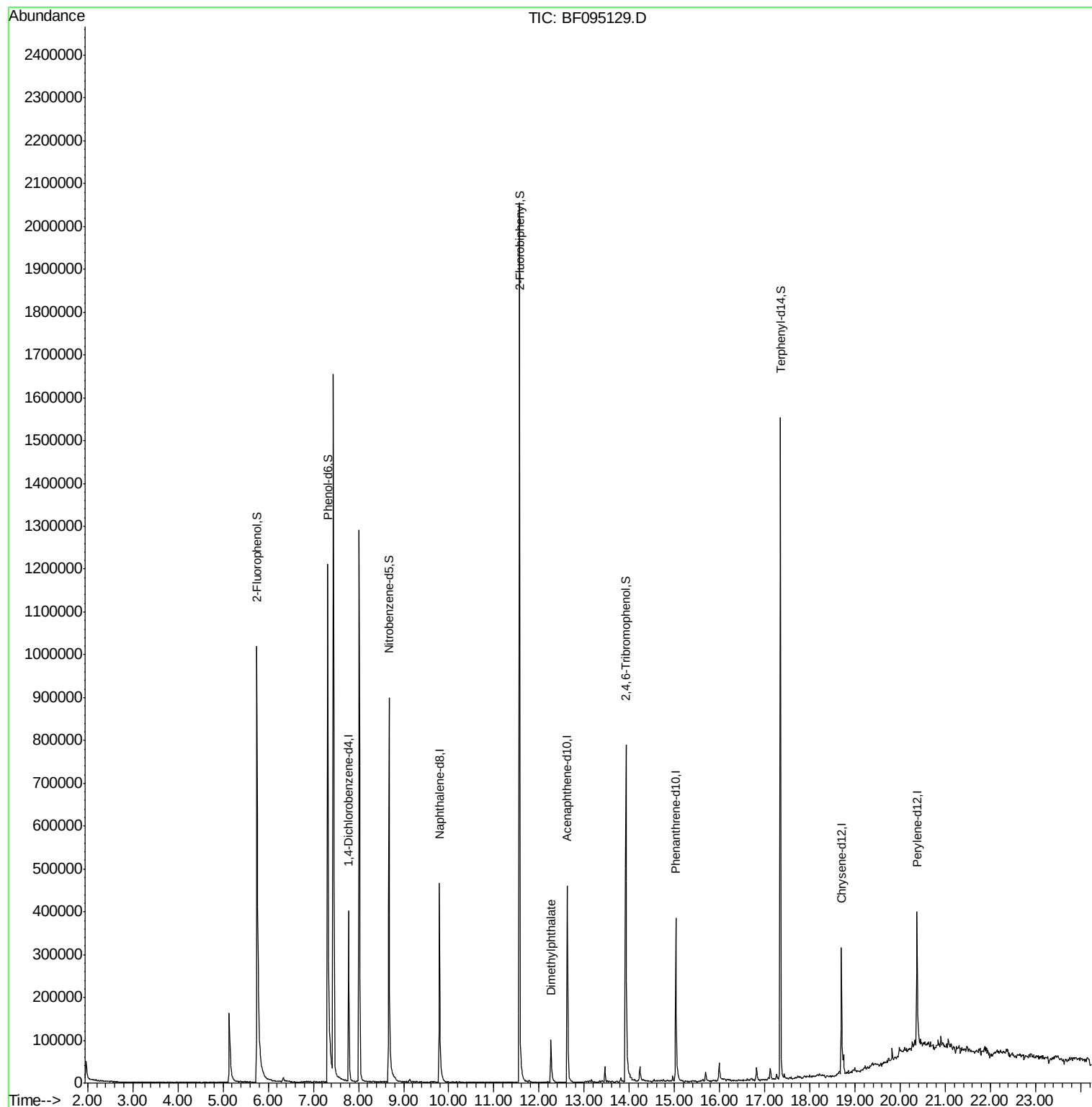
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	88440	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	346082	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	151164	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	222361	20.00	ng	0.05
75) Chrysene-d12	18.70	240	149597	20.00	ng	0.05
86) Perylene-d12	20.38	264	173294	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	643165	121.25	ng	0.07
7) Phenol-d6	7.32	99	771764	121.26	ng	0.04
23) Nitrobenzene-d5	8.68	82	455695	83.03	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	155309	125.45	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	910044	86.65	ng	0.04
78) Terphenyl-d14	17.35	244	590467	86.94	ng	0.04
Target Compounds						
49) Dimethylphthalate	12.26	163	88843	7.16	ng	Qvalue 99

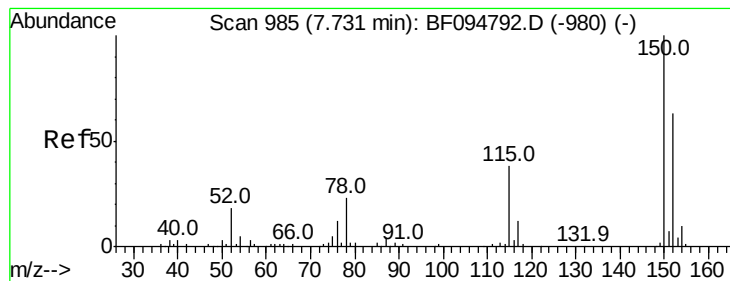
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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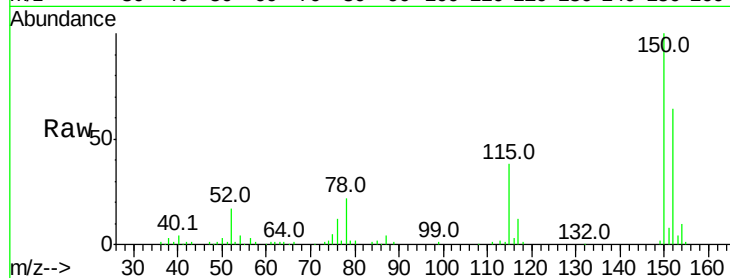


#1

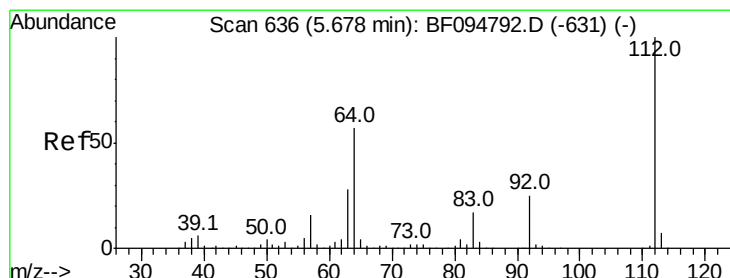
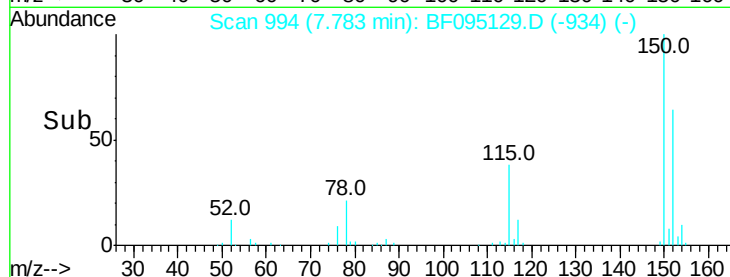
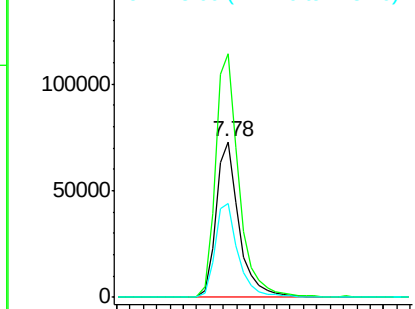
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095129.D
Acq: 15 May 2017 17:05

Instrument :
BNA_F
ClientSampleId :
RO-1540-COMP

Tot Ion:152 Resp: 88440
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 60.2 52.2 78.2



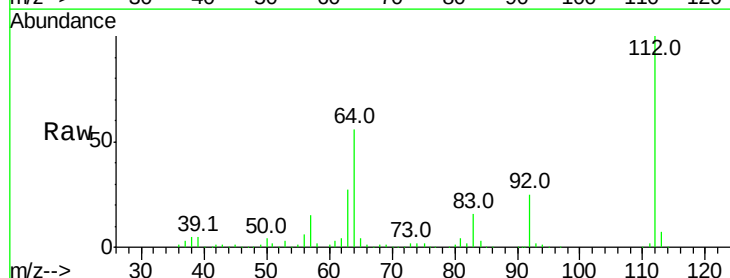
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



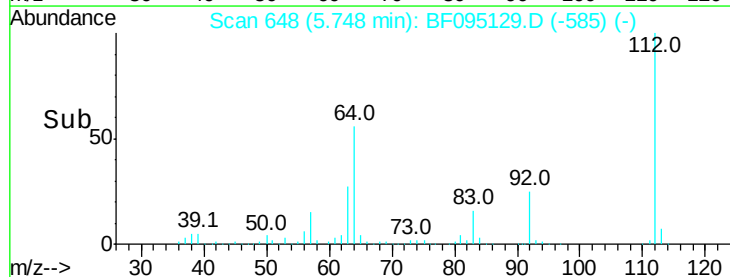
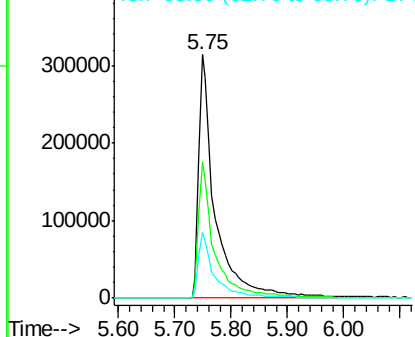
#5

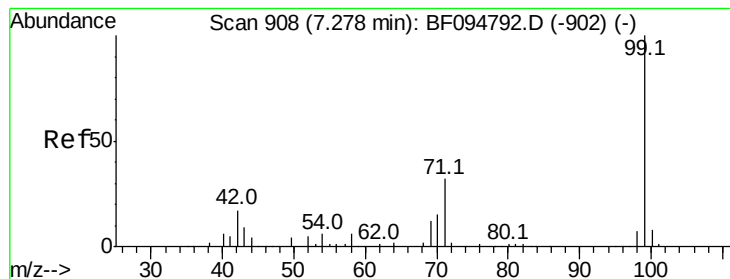
2-Fluorophenol
Concen: 121.25 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095129.D
Acq: 15 May 2017 17:05

Tgt Ion:112 Resp: 643165
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 27.1 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: 121.26 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

Instrument :

BNA_F

ClientSampleId :

RO-1540-COMP

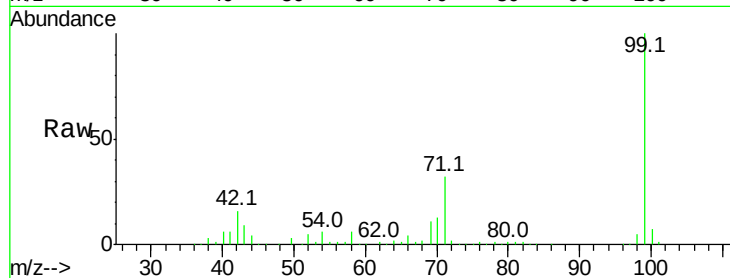
Tot Ion: 99 Resp: 771764

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

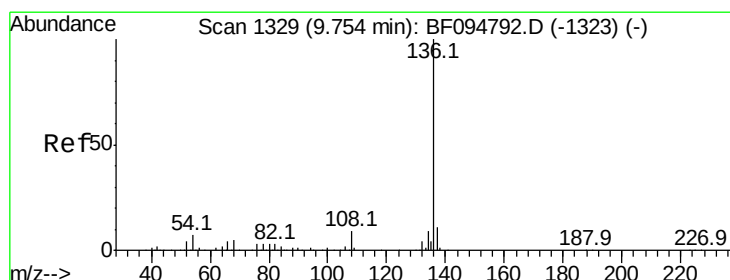
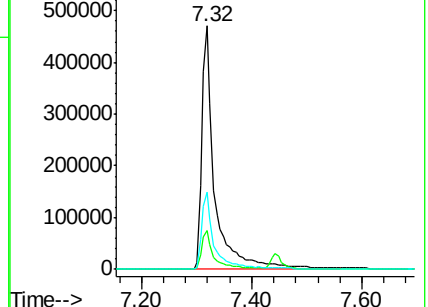
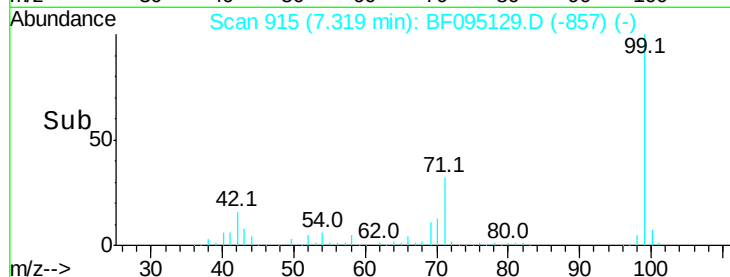
71 32.0 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

Tgt Ion: 136 Resp: 346082

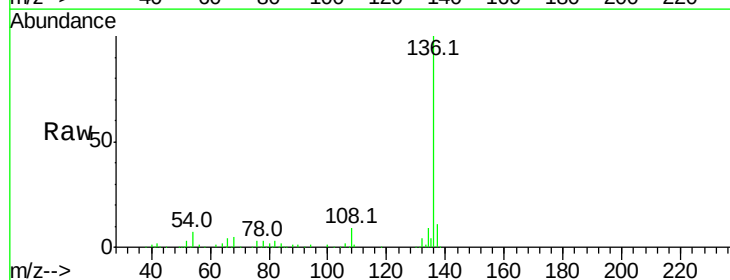
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

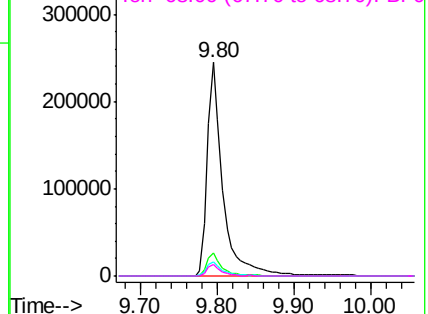
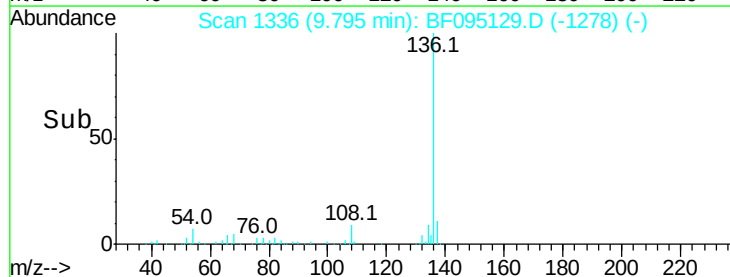


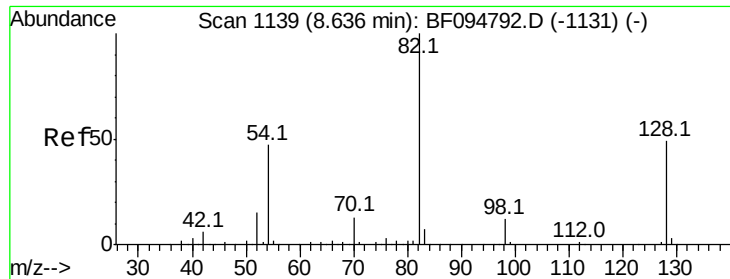
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.03 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

Instrument :

BNA_F

ClientSampleId :

RO-1540-COMP

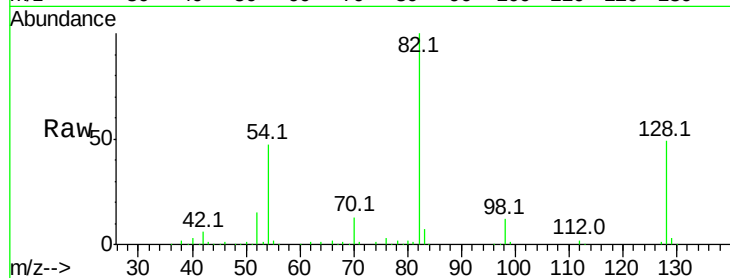
Tot Ion: 82 Resp: 455695

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

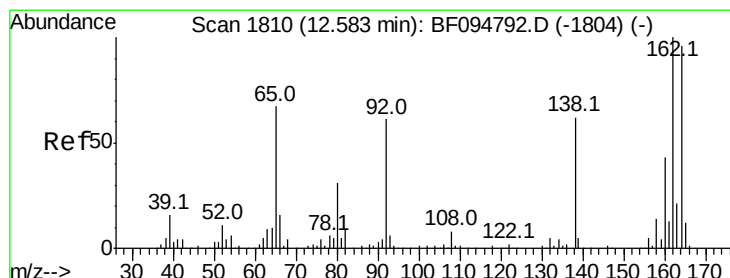
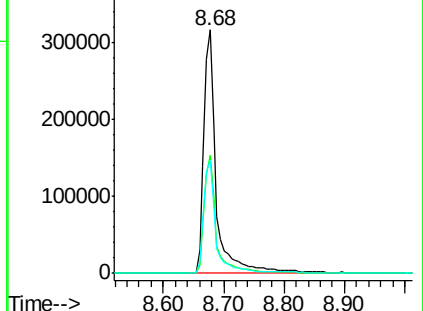
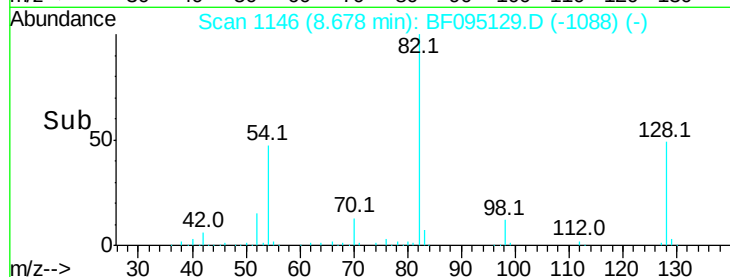
54 46.7 42.2 63.2



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: 12.62 min Scan# 1817

Delta R.T. 0.04 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

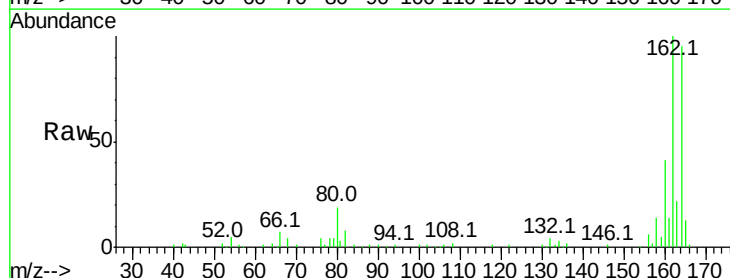
Tgt Ion: 164 Resp: 151164

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

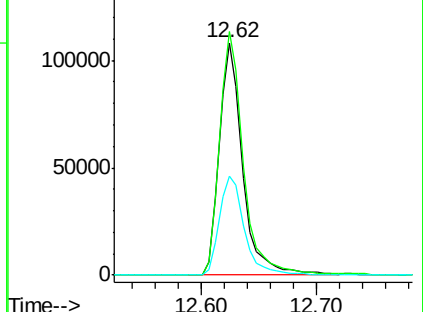
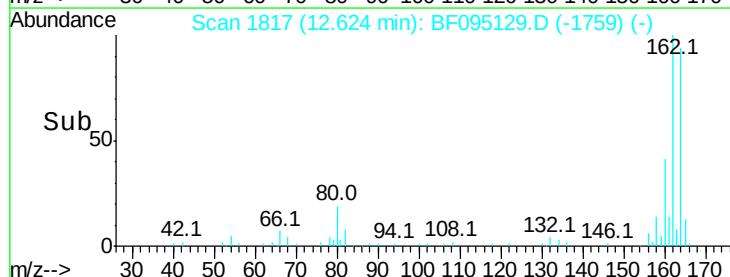
160 42.6 36.2 54.2

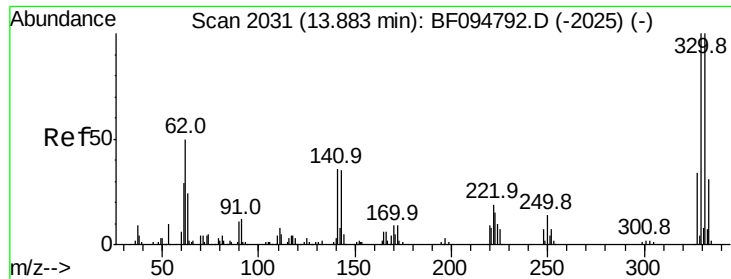


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

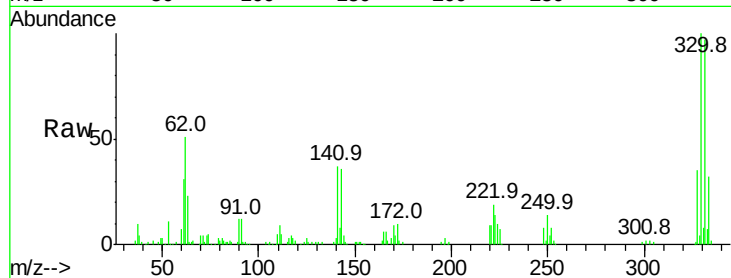




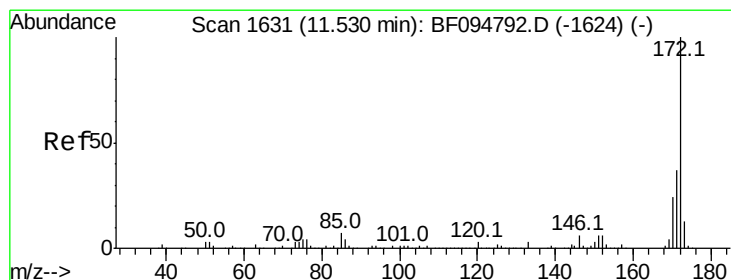
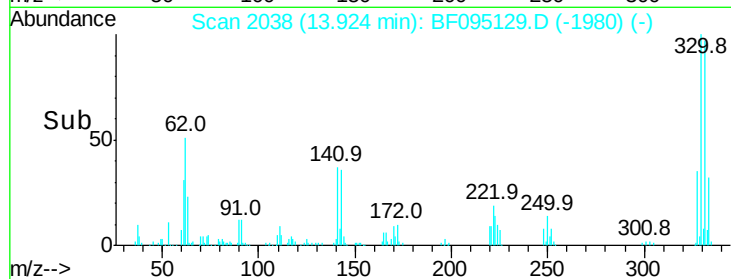
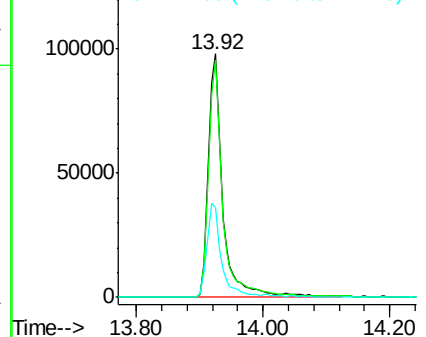
#41
 2,4,6-Tribromophenol
 Concen: 125.45 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095129.D
 Acq: 15 May 2017 17:05

Instrument :
 BNA_F
 ClientSampleId :
 RO-1540-COMP

Tot Ion:330 Resp: 155309
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 39.1 31.4 47.2

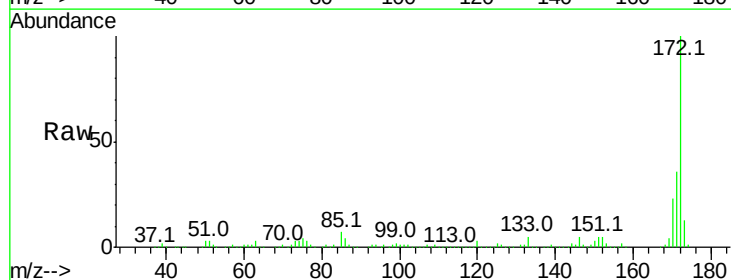


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

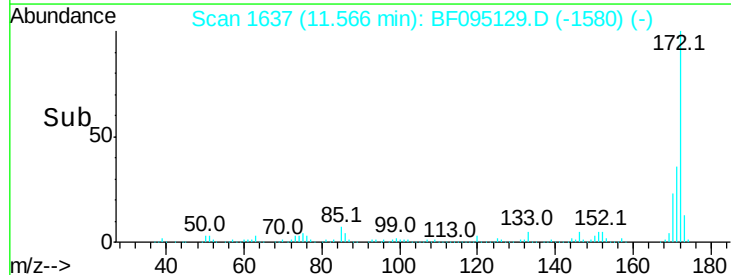
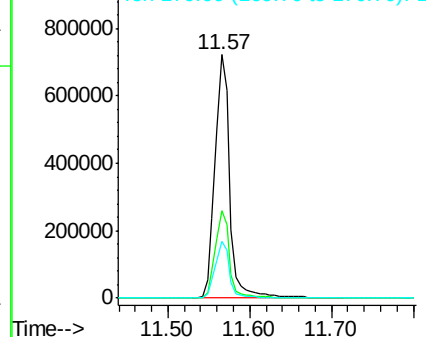


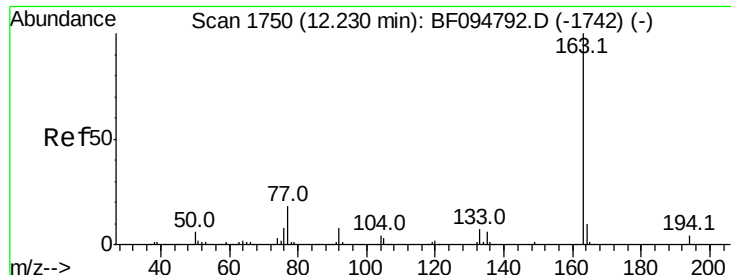
#44
 2-Fluorobiphenyl
 Concen: 86.65 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095129.D
 Acq: 15 May 2017 17:05

Tgt Ion:172 Resp: 910044
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.3 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: 7.16 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

Instrument :

BNA_F

ClientSampleId :

RO-1540-COMP

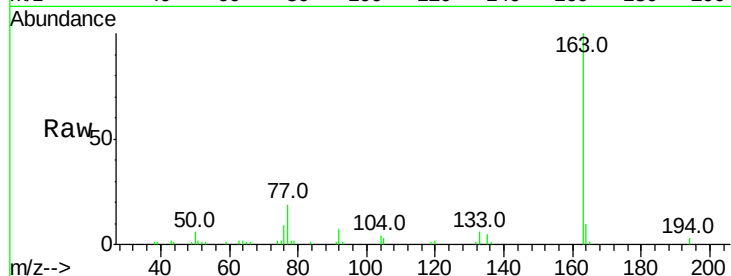
Tot Ion:163 Resp: 88843

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

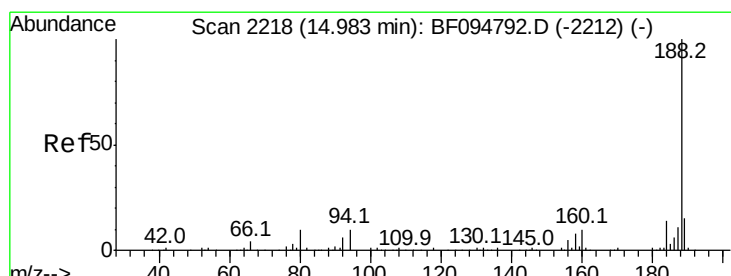
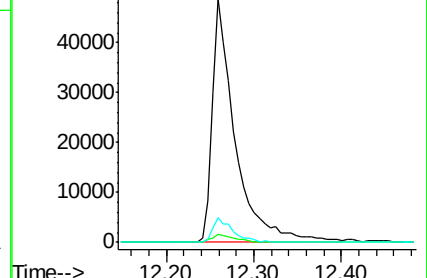
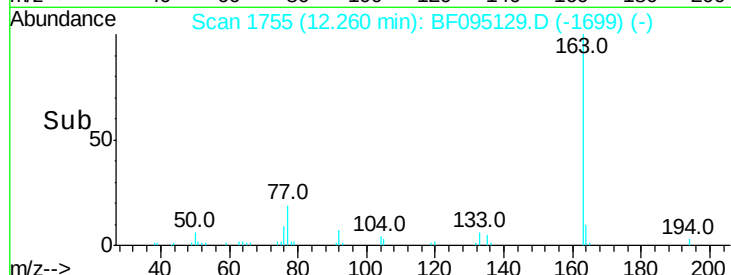
164 10.2 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.03 min Scan# 2226

Delta R.T. 0.05 min

Lab File: BF095129.D

Acq: 15 May 2017 17:05

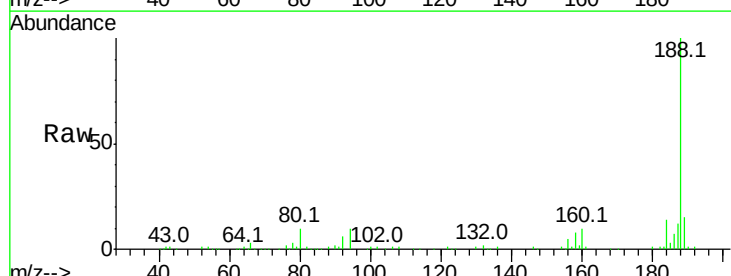
Tgt Ion:188 Resp: 222361

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

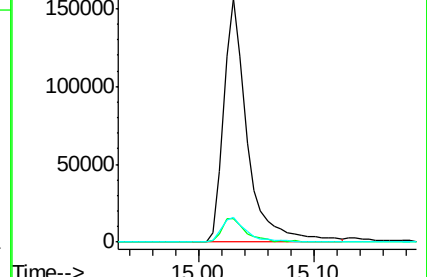
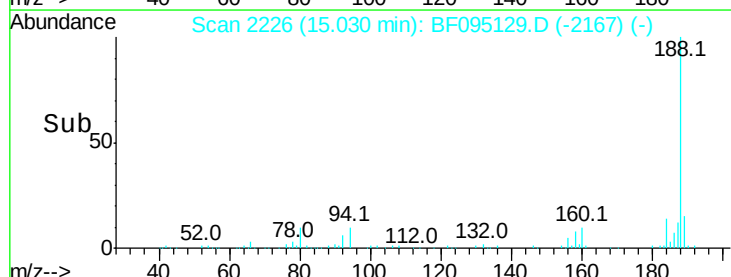
80 10.0 10.2 15.2#

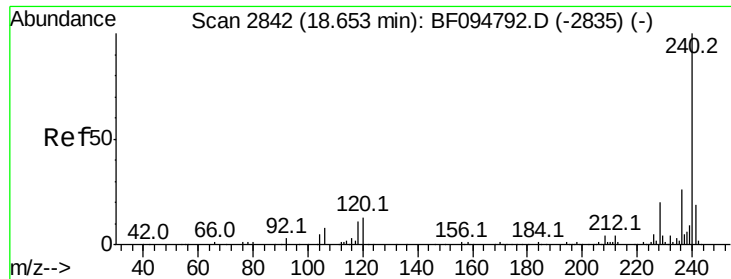


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

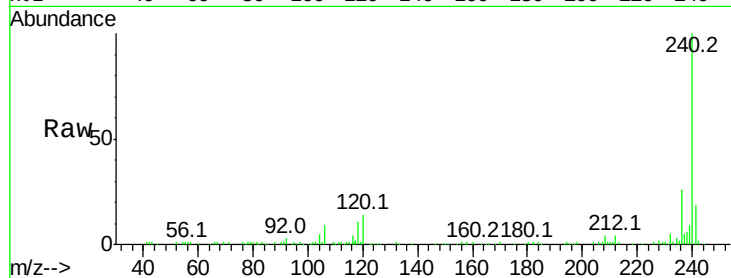




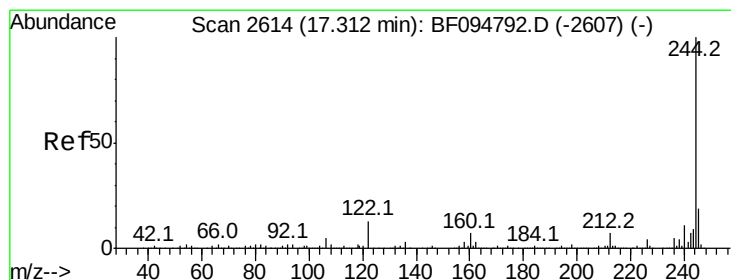
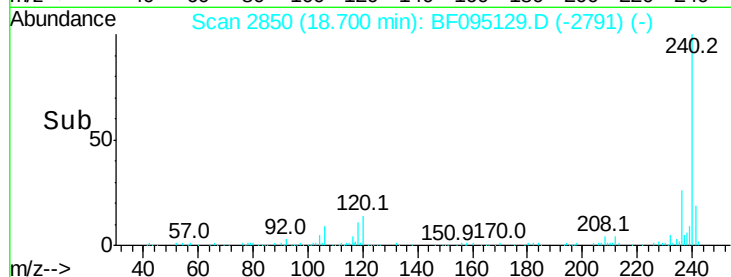
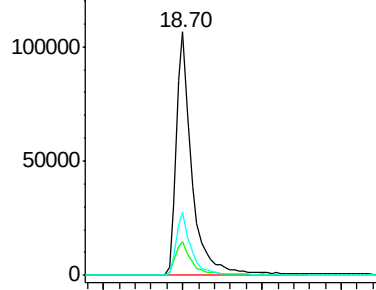
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. 0.05 min
 Lab File: BF095129.D
 Acq: 15 May 2017 17:05

Instrument :
 BNA_F
 ClientSampleID :
 RO-1540-COMP

Tot Ion:240 Resp: 149597
 Ion Ratio Lower Upper
 240 100
 120 13.7 5.8 8.8#
 236 26.1 20.5 30.7

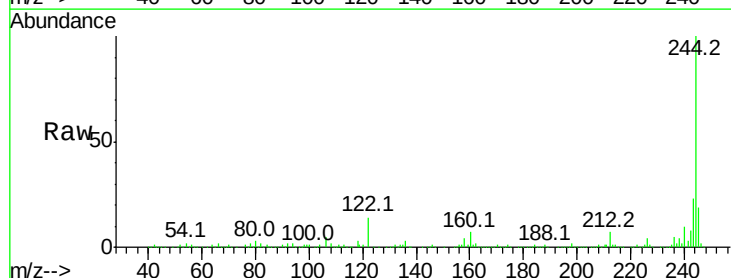


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

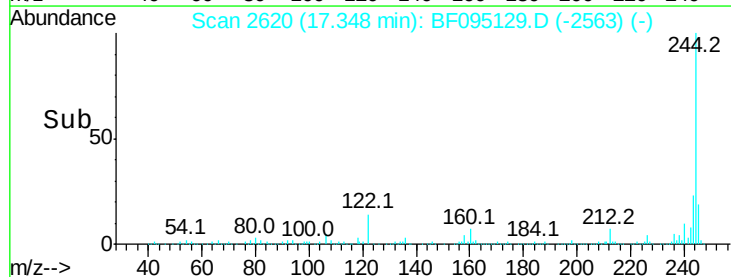
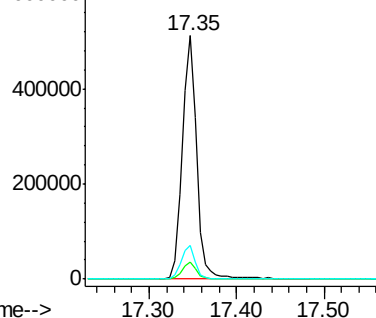


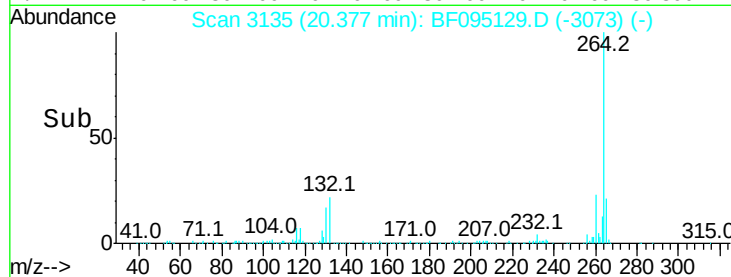
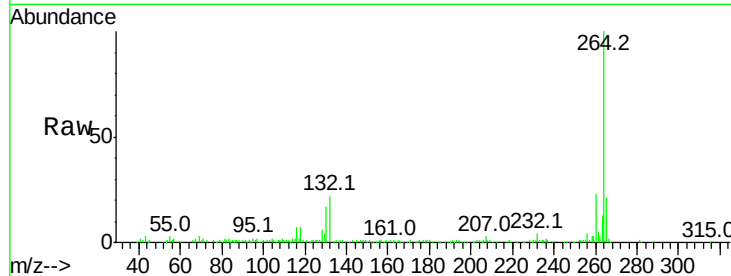
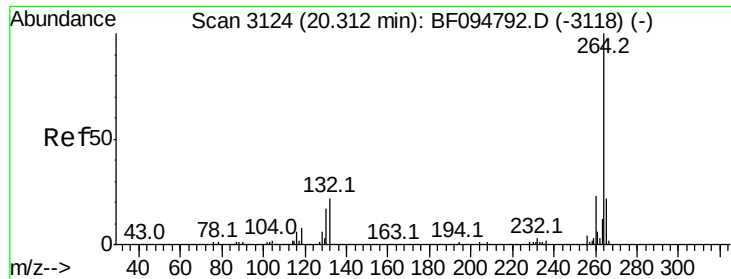
#78
 Terphenyl-d14
 Concen: 86.94 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095129.D
 Acq: 15 May 2017 17:05

Tgt Ion:244 Resp: 590467
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.6 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: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095129.D
Acq: 15 May 2017 17:05

Instrument :
BNA_F
ClientSampleId :
RO-1540-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.2	17.2	25.8

