

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095332.D
 Acq On : 23 May 2017 2:58
 Operator : SJ/MA
 Sample : I3278-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3873

Quant Time: May 23 05:12:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

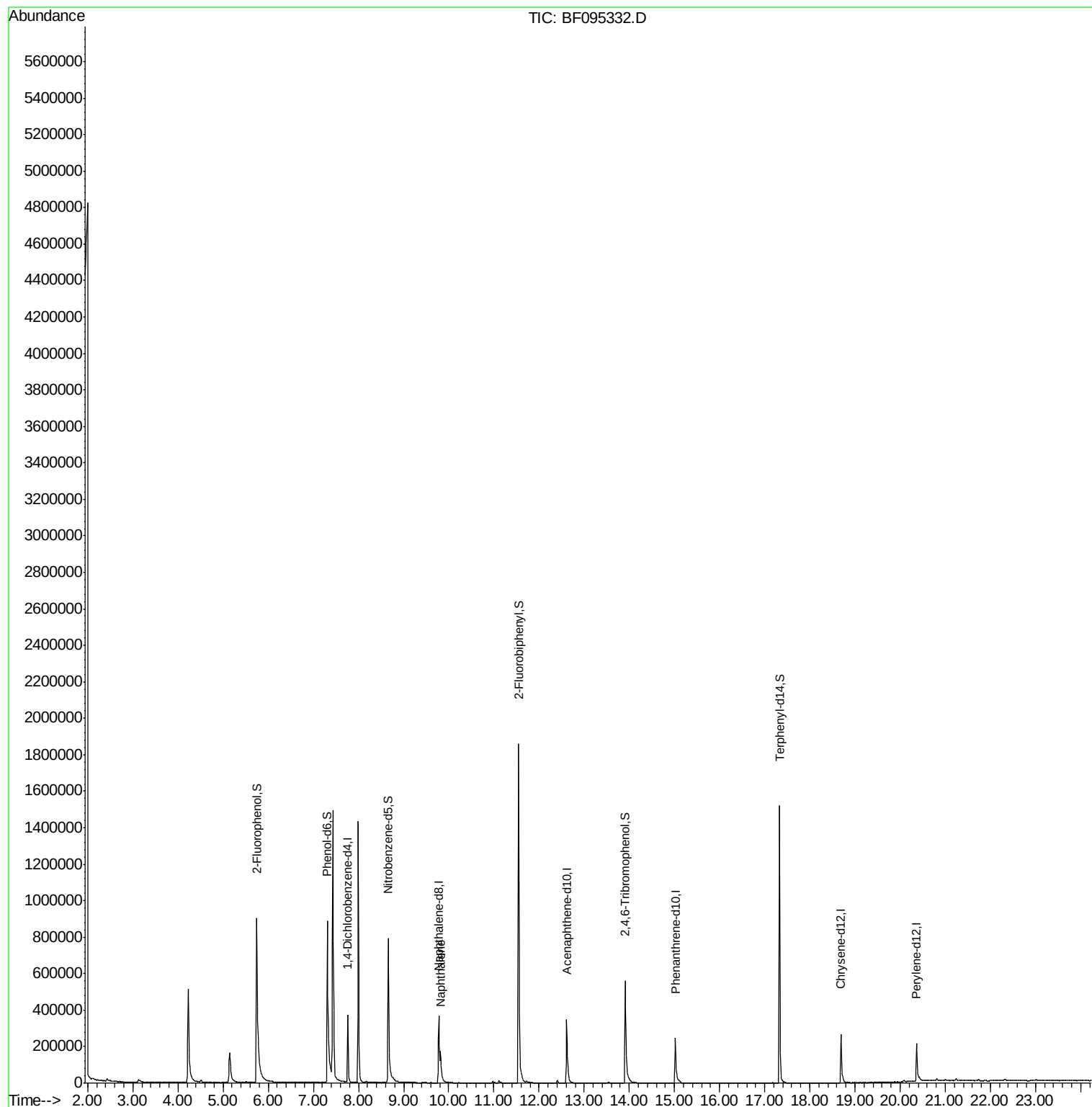
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	83537	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	349216	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	146527	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	190350	20.00	ng	0.00
75) Chrysene-d12	18.69	240	177526	20.00	ng	0.00
86) Perylene-d12	20.36	264	136872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	706059	140.91	ng	0.00
7) Phenol-d6	7.31	99	763711	127.03	ng	0.00
23) Nitrobenzene-d5	8.66	82	510469	92.18	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	147912	123.26	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1050432	103.18	ng	-0.01
78) Terphenyl-d14	17.33	244	634659	78.74	ng	-0.02
Target Compounds						
31) Naphthalene	9.81	128	133940	7.63	ng	Qvalue 99

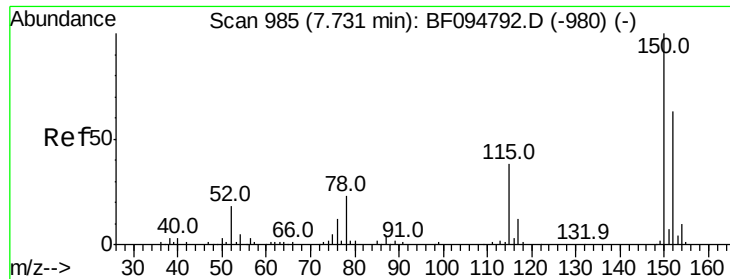
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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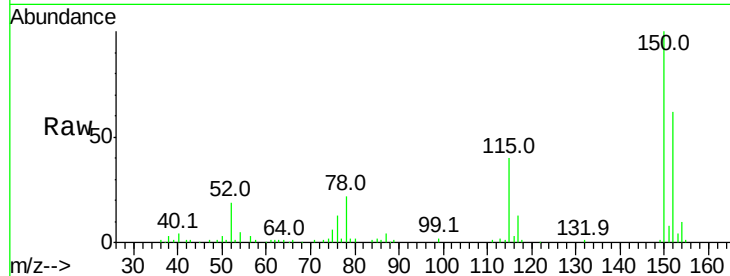


#1

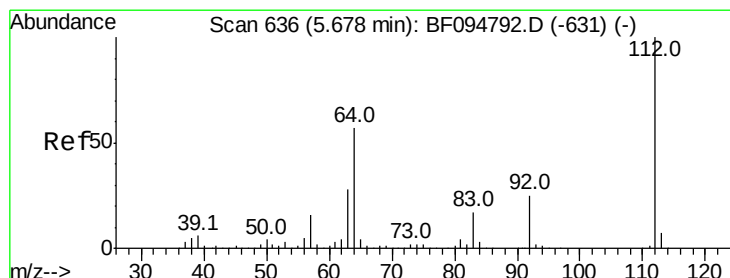
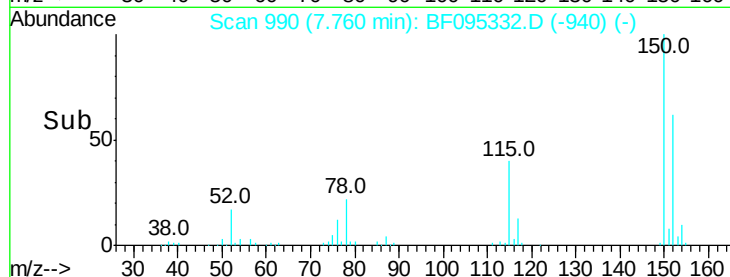
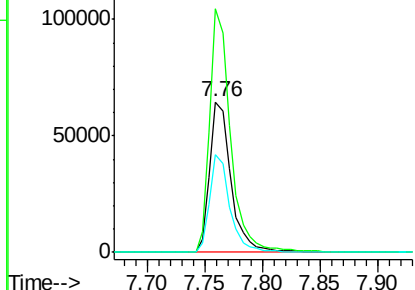
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095332.D
Acq: 23 May 2017 2:58

Instrument :
BNA_F
ClientSampleId :
RT-3873

Tot Ion:152 Resp: 83537
Ion Ratio Lower Upper
152 100
150 161.6 126.2 189.2
115 64.5 52.2 78.2



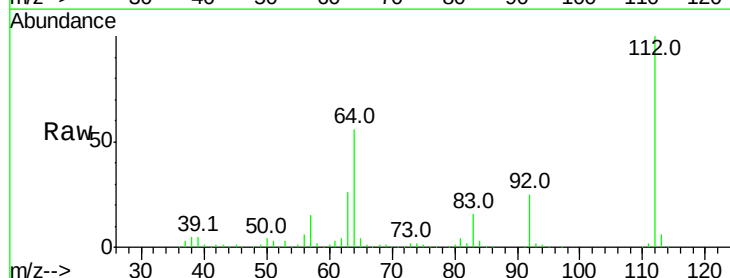
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



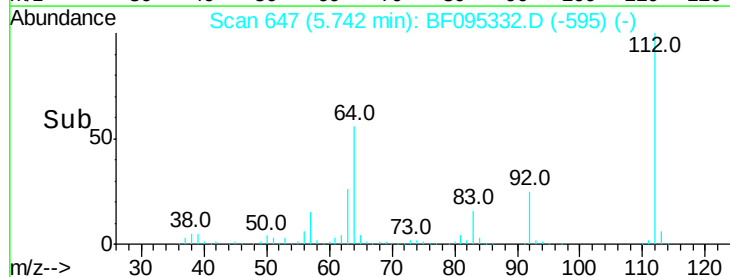
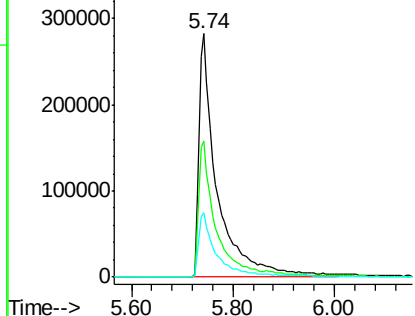
#5

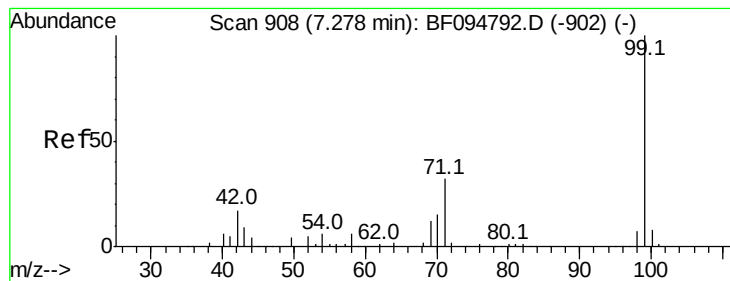
2-Fluorophenol
Concen: 140.91 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095332.D
Acq: 23 May 2017 2:58

Tgt Ion:112 Resp: 706059
Ion Ratio Lower Upper
112 100
64 55.9 46.0 69.0
63 26.4 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: 127.03 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Instrument :

BNA_F

ClientSampleId :

RT-3873

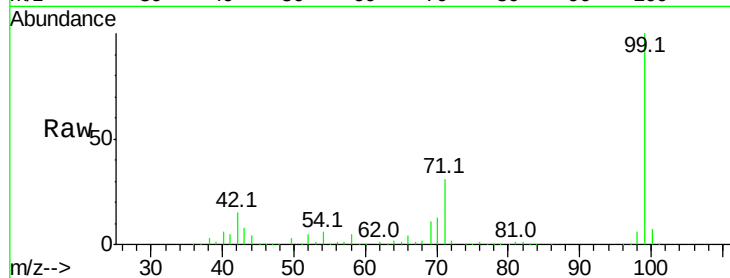
Tot Ion: 99 Resp: 763711

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

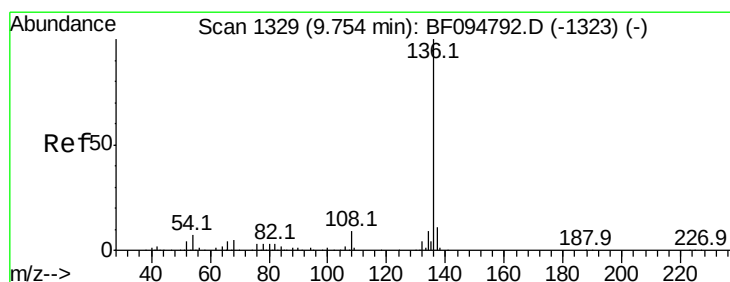
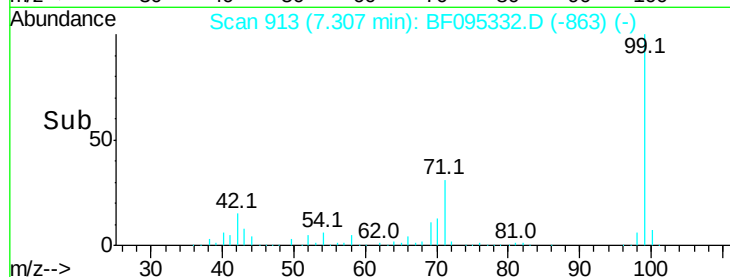
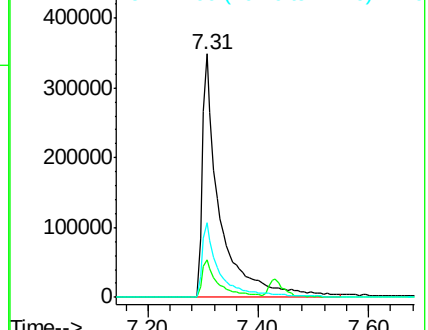
71 30.5 24.5 36.7



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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Tgt Ion: 136 Resp: 349216

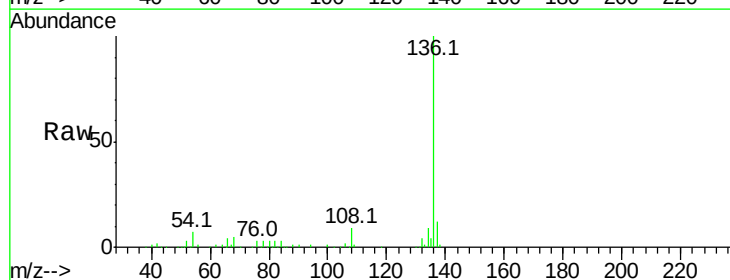
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

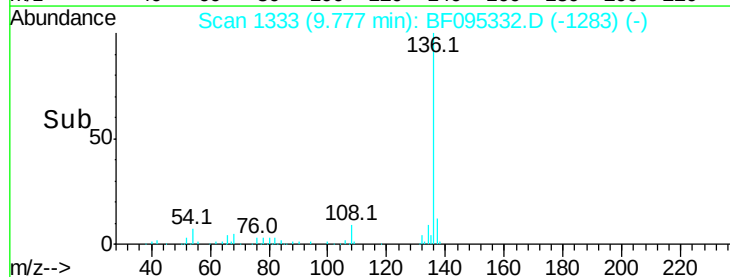
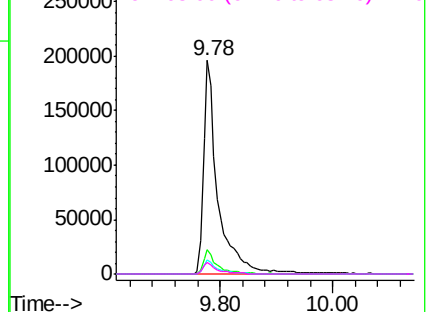


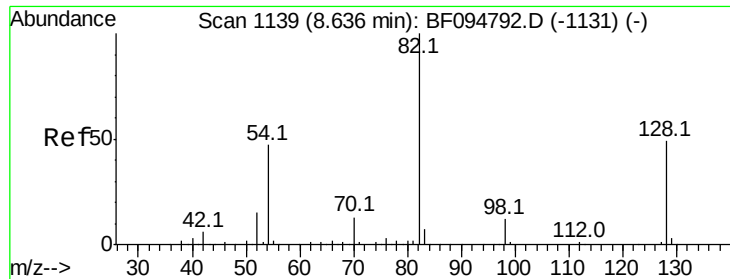
Abundance Ion 136.00 (135.70 to 136.70): E

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

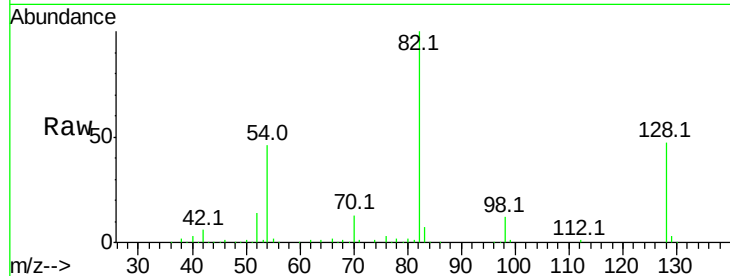




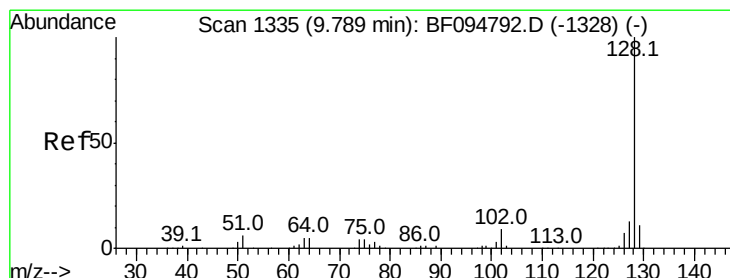
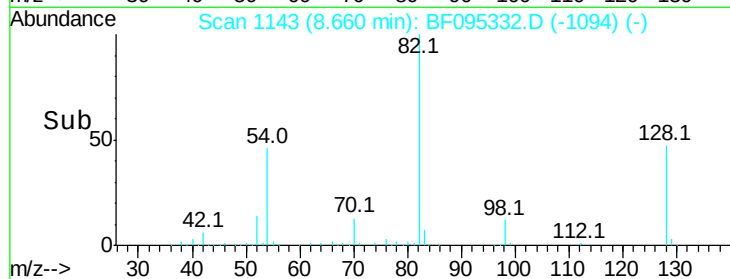
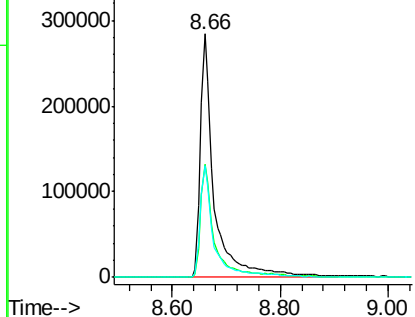
#23
 Nitrobenzene-d5
 Concen: 92.18 ng
 RT: 8.66 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-3873

Tot Ion: 82 Resp: 510469
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 45.9 42.2 63.2

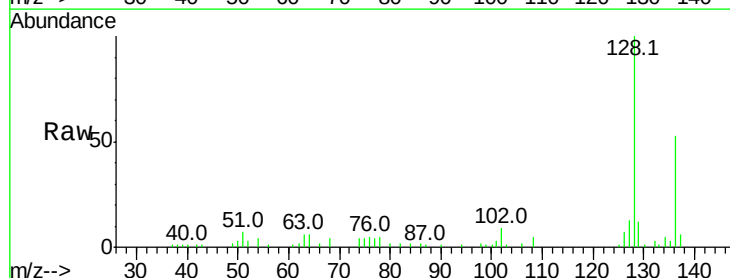


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

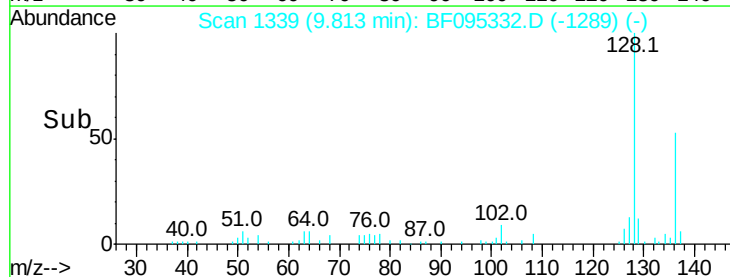
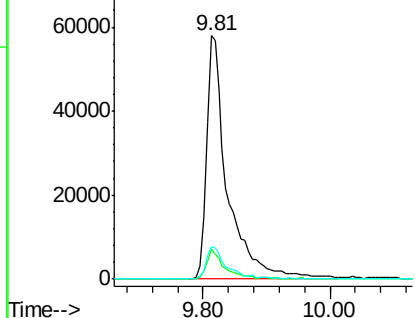


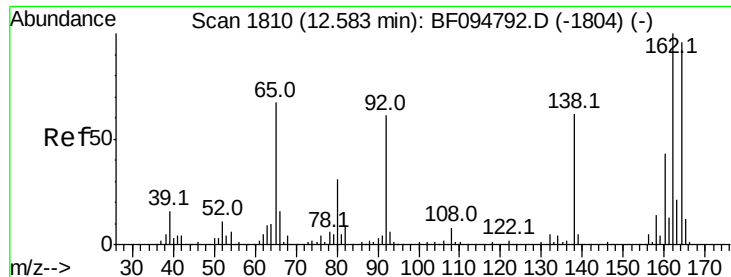
#31
 Naphthalene
 Concen: 7.63 ng
 RT: 9.81 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

Tgt Ion: 128 Resp: 133940
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.0 13.6
 127 13.4 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: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Instrument :

BNA_F

ClientSampleId :

RT-3873

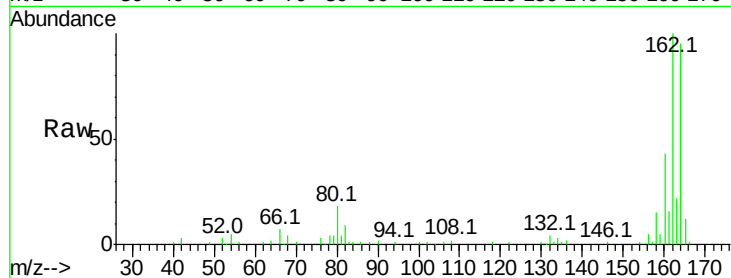
Tot Ion:164 Resp: 146527

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

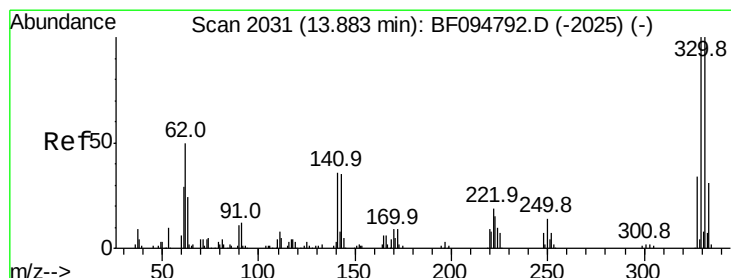
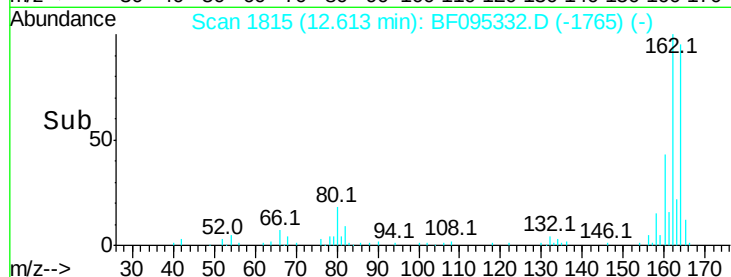
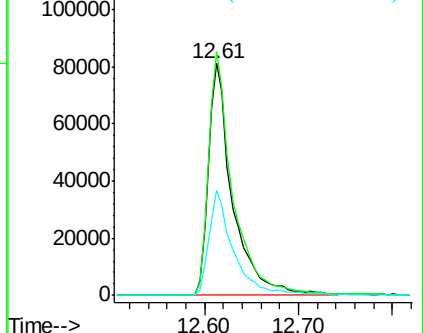
160 45.5 36.2 54.2



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: 123.26 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

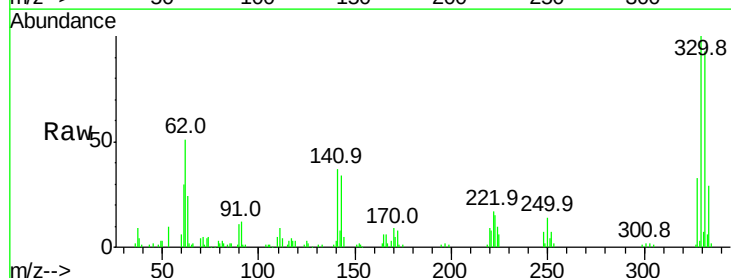
Tgt Ion:330 Resp: 147912

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

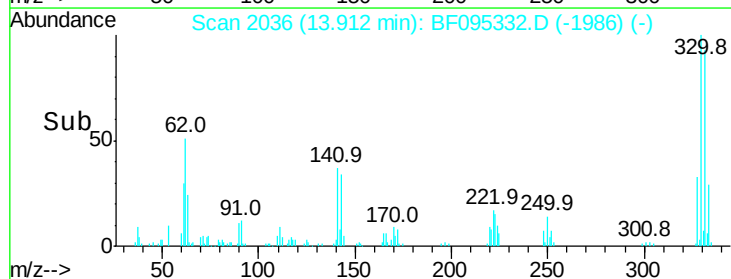
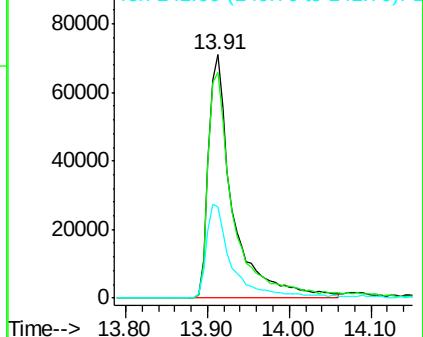
141 39.8 31.4 47.2

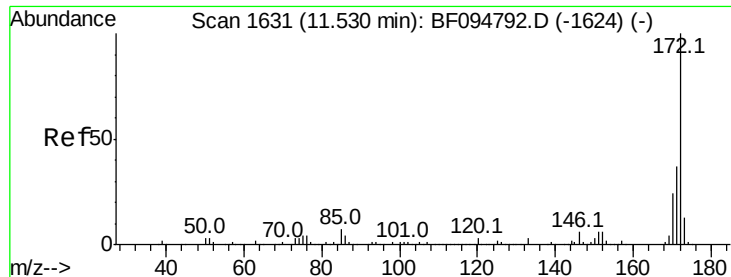


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

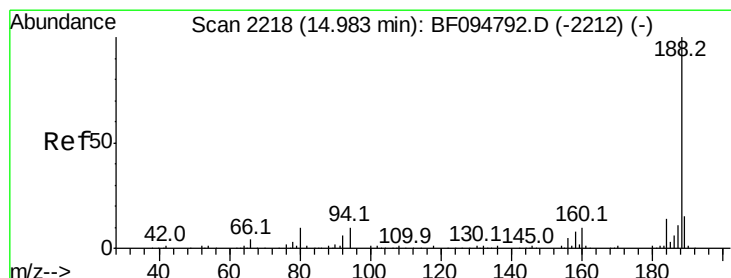
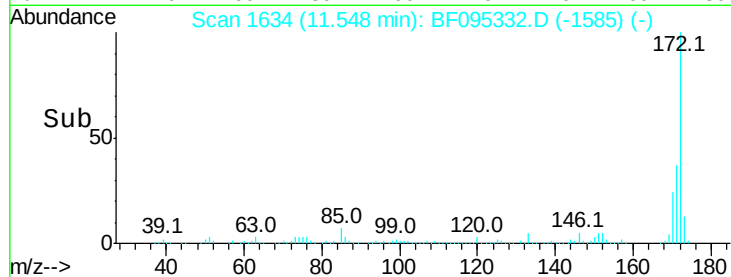
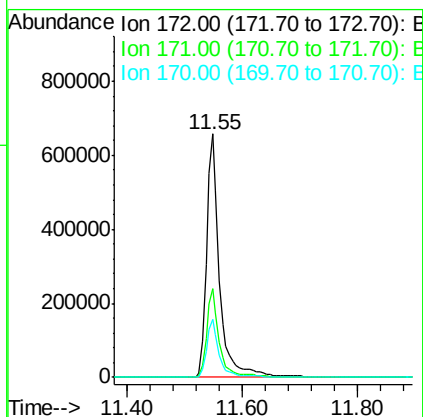
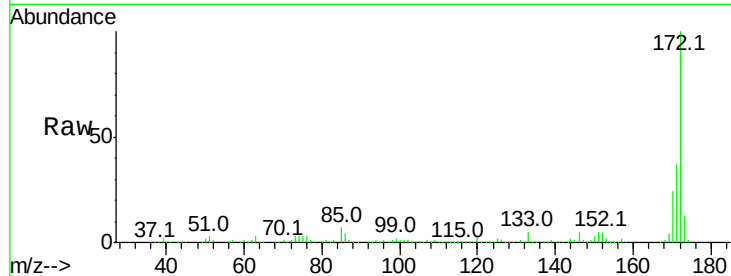




#44
 2-Fluorobiphenyl
 Concen: 103.18 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

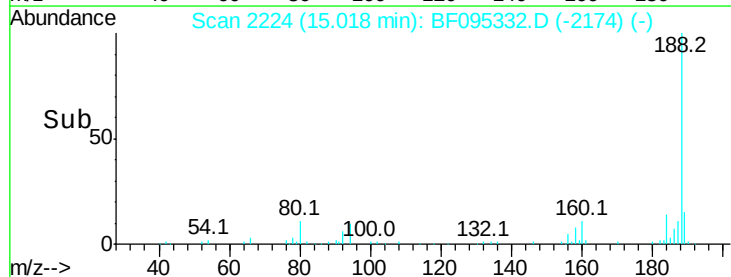
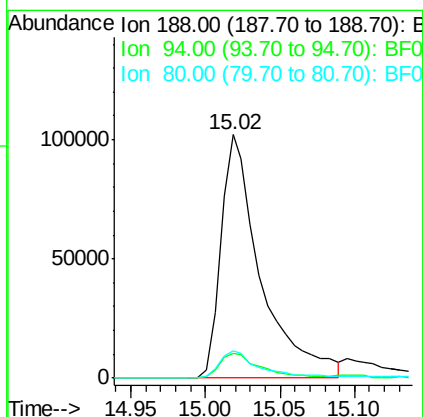
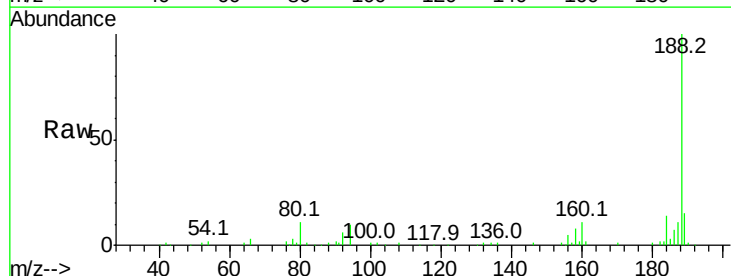
Instrument :
 BNA_F
 ClientSampleId :
 RT-3873

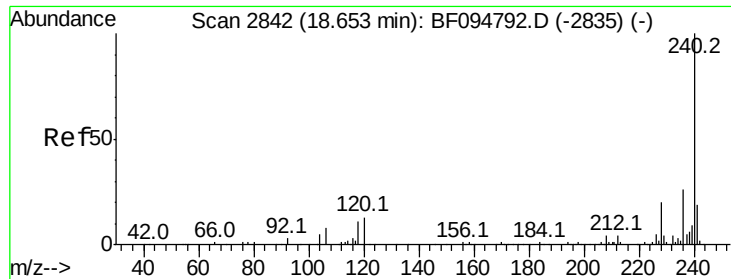
Tot Ion:172 Resp: 1050432
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.8 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

Tgt Ion:188 Resp: 190350
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 11.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

Instrument :

BNA_F

ClientSampleId :

RT-3873

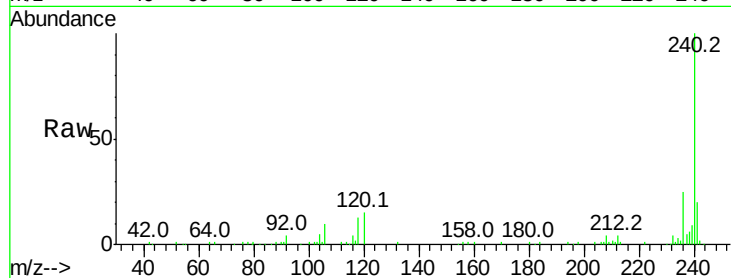
Tot Ion:240 Resp: 177526

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

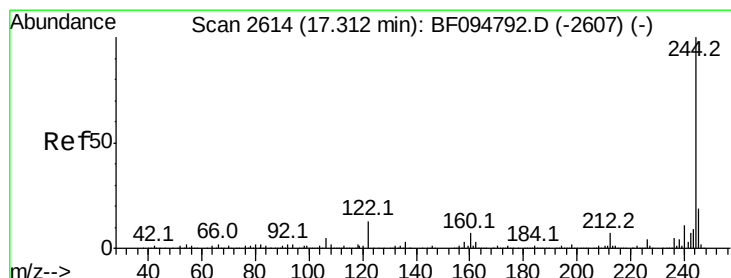
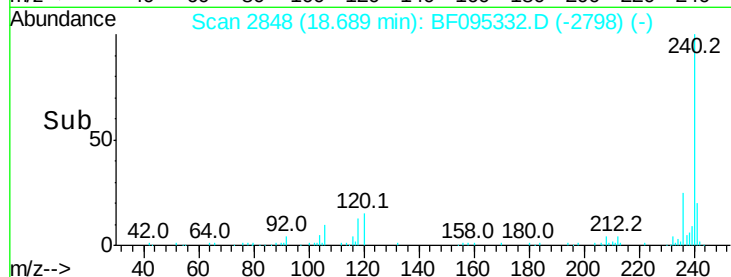
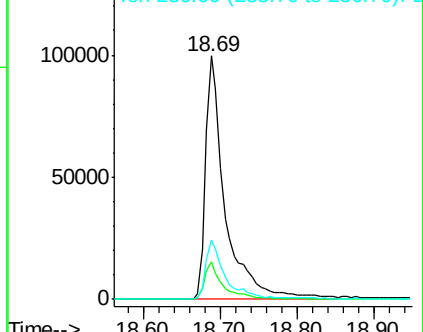
236 24.5 20.5 30.7



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: 78.74 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095332.D

Acq: 23 May 2017 2:58

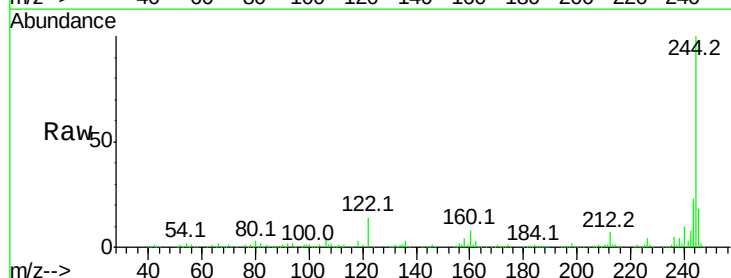
Tgt Ion:244 Resp: 634659

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

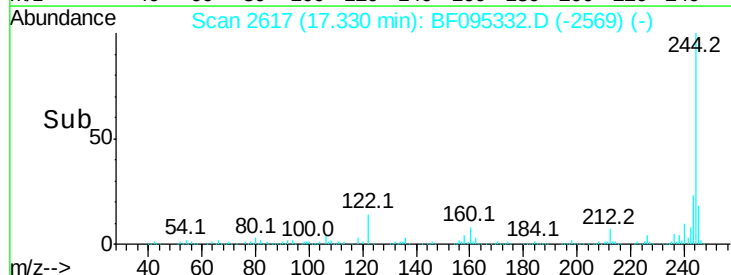
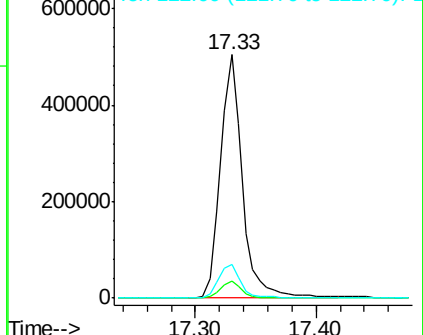
122 13.7 10.3 15.5

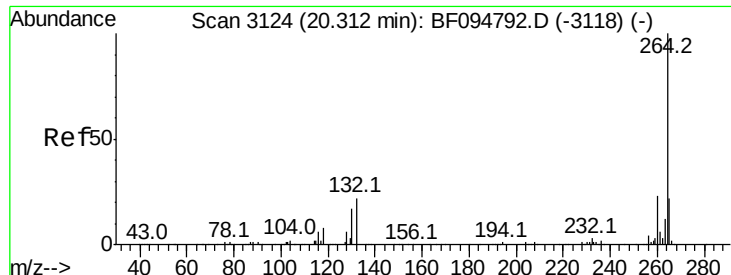


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

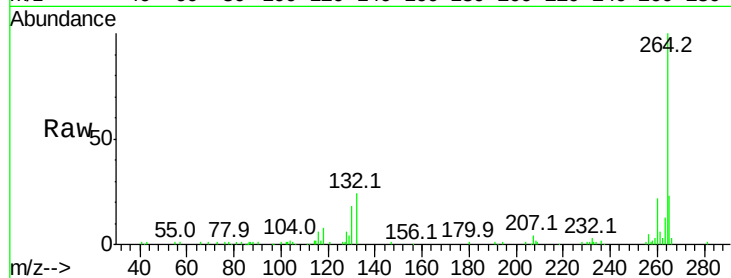




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095332.D
 Acq: 23 May 2017 2:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-3873

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	22.7	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

