

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095002.D
 Acq On : 9 May 2017 3:02
 Operator : SJ/MA
 Sample : I2976-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TANK001-01

Quant Time: May 09 07:31:46 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

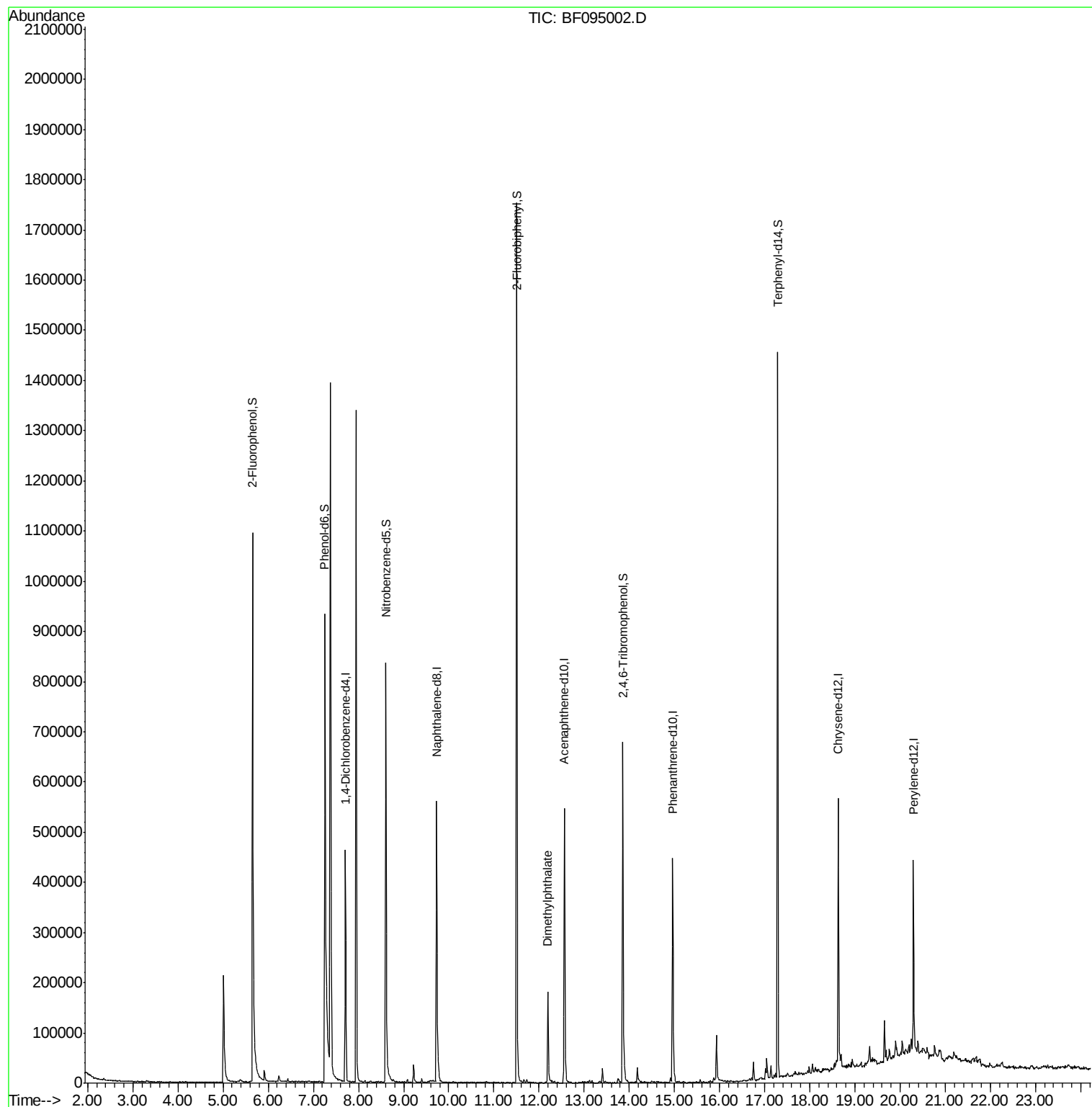
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	94649	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	384433	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	167281	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	243283	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	208646	20.00	ng	-0.02
86) Perylene-d12	20.29	264	160115	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	578545	101.91	ng	-0.02
7) Phenol-d6	7.25	99	735432	107.97	ng	-0.02
23) Nitrobenzene-d5	8.61	82	411971	67.58	ng	-0.03
41) 2,4,6-Tribromophenol	13.86	330	125406	91.54	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	755971	65.05	ng	-0.02
78) Terphenyl-d14	17.29	244	513165	54.17	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.20	163	116090	8.45	ng	98

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

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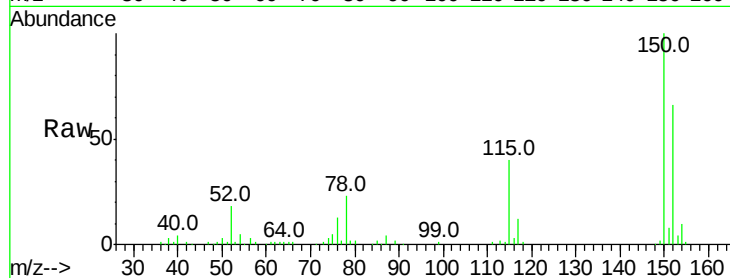


#1

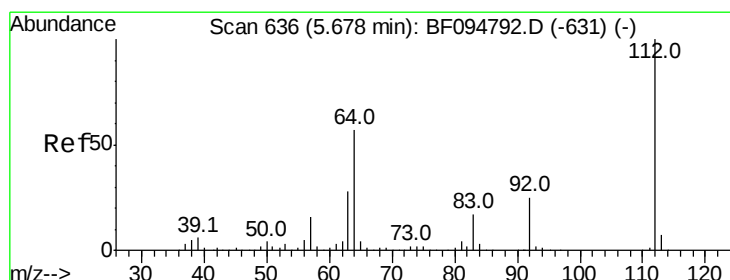
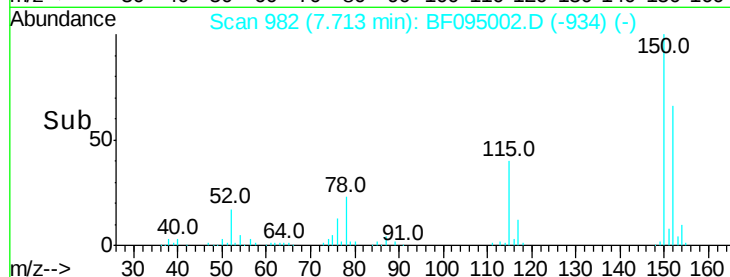
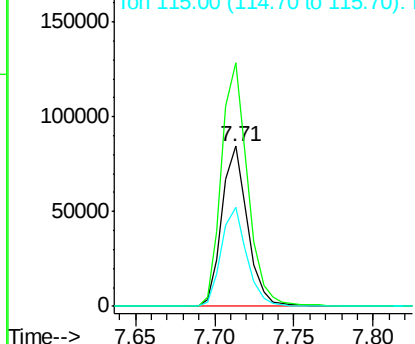
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.71 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF095002.D
 Acq: 9 May 2017 3:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-TANK001-01

Tot Ion:152 Resp: 94649
 Ion Ratio Lower Upper
 152 100
 150 152.2 126.2 189.2
 115 61.6 52.2 78.2



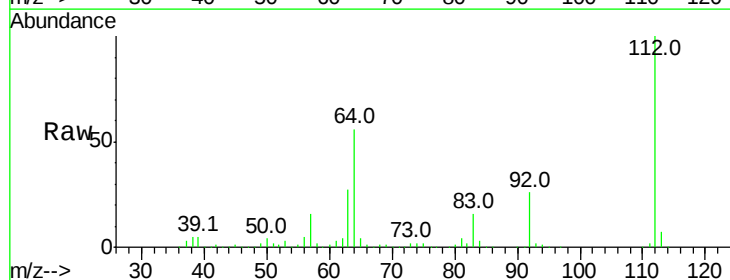
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



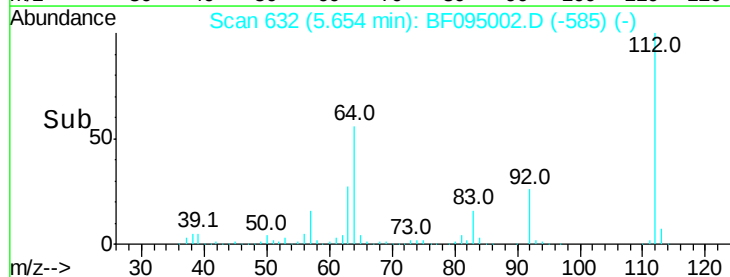
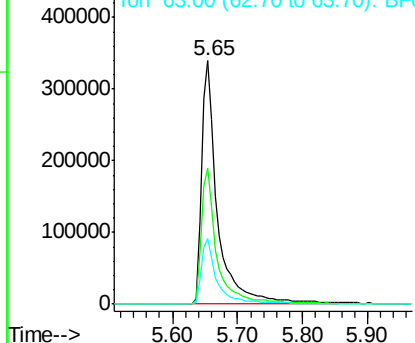
#5

2-Fluorophenol
 Concen: 101.91 ng
 RT: 5.65 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF095002.D
 Acq: 9 May 2017 3:02

Tgt Ion:112 Resp: 578545
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.0 69.0
 63 27.0 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: 107.97 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095002.D

Acq: 9 May 2017 3:02

Instrument :

BNA_F

ClientSampleId :

P001-TANK001-01

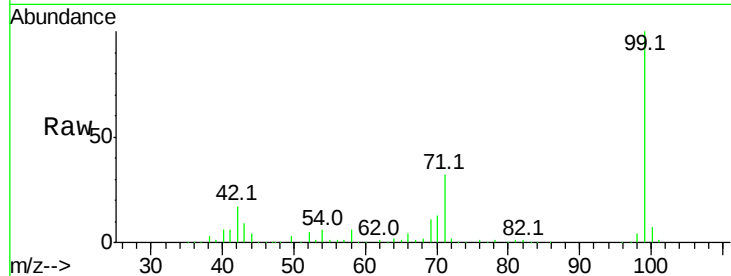
Tot Ion: 99 Resp: 735432

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

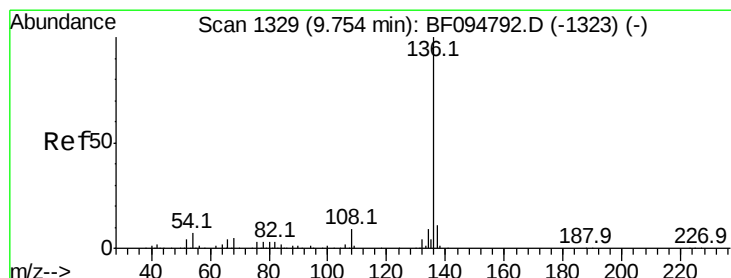
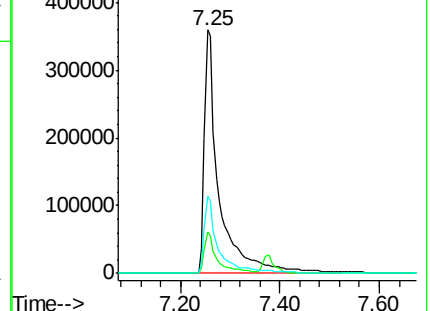
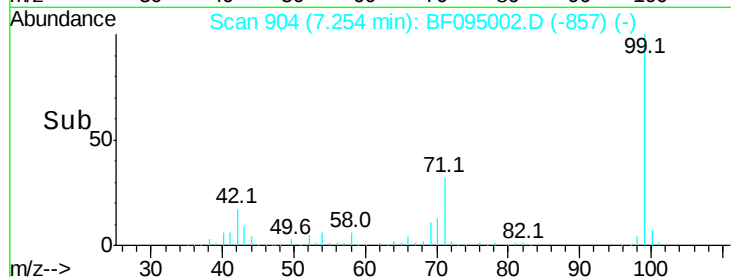
71 31.8 24.5 36.7



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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095002.D

Acq: 9 May 2017 3:02

Tgt Ion: 136 Resp: 384433

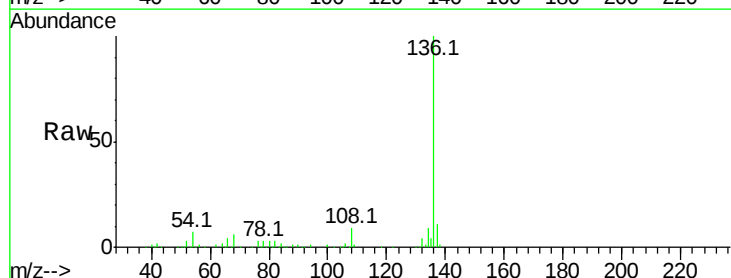
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.8 4.1 6.1

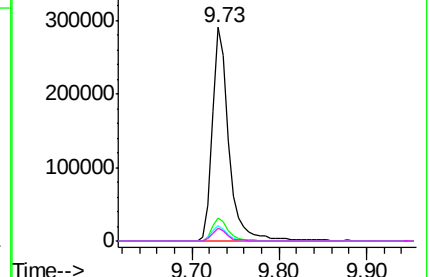
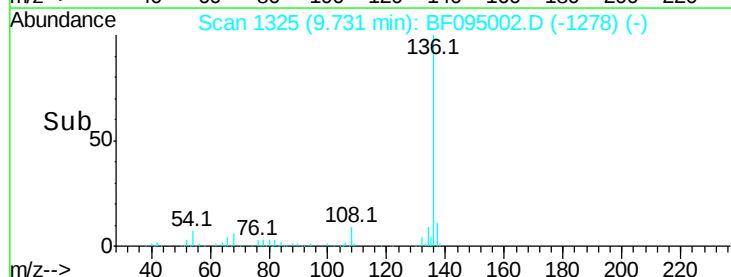


Abundance Ion 136.00 (135.70 to 136.70): E

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

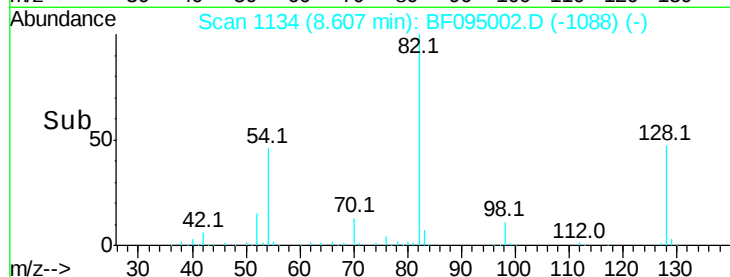
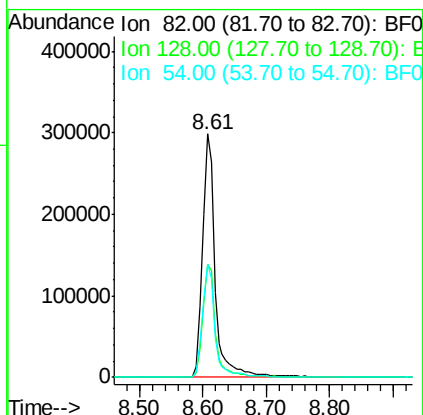
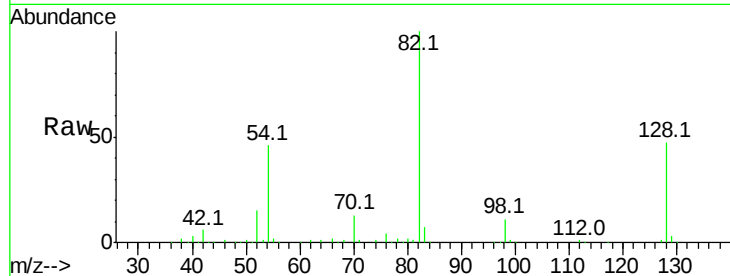




#23
 Nitrobenzene-d5
 Concen: 67.58 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.03 min
 Lab File: BF095002.D
 Acq: 9 May 2017 3:02

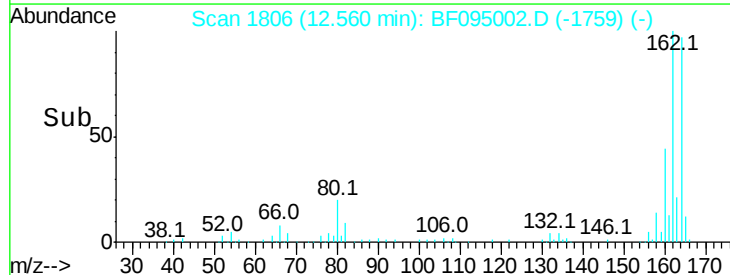
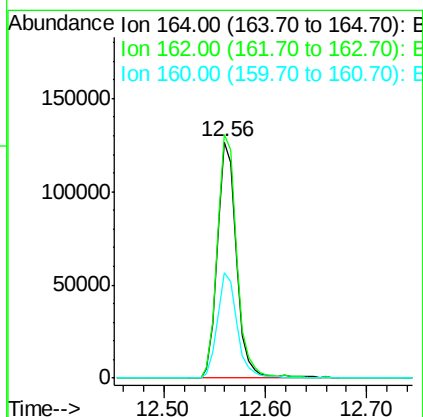
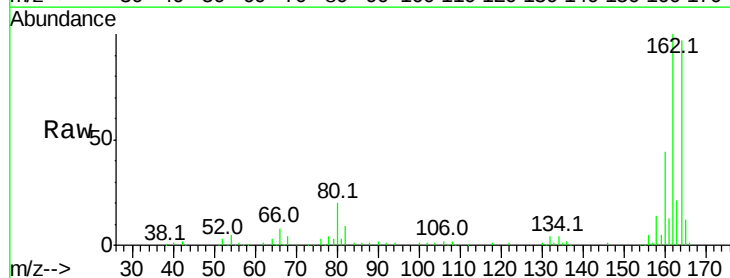
Instrument :
 BNA_F
 ClientSampleId :
 P001-TANK001-01

Tot Ion: 82 Resp: 411971
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 46.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF095002.D
 Acq: 9 May 2017 3:02

Tgt Ion:164 Resp: 167281
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 44.9 36.2 54.2

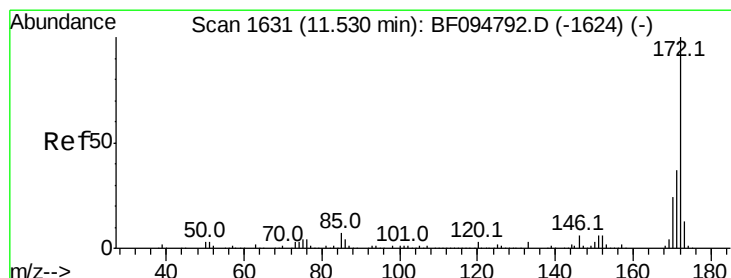
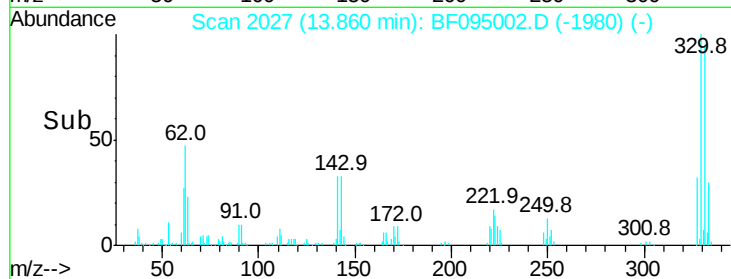
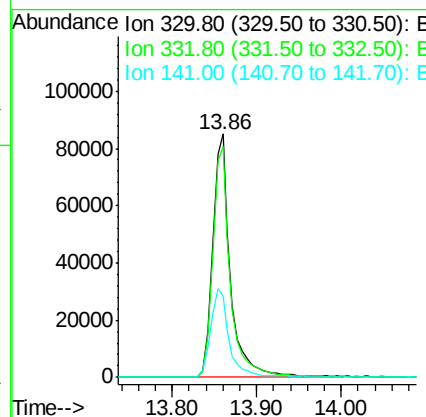
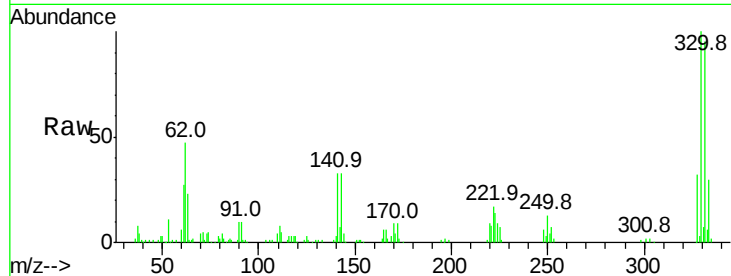




#41
 2,4,6-Tribromophenol
 Concen: 91.54 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095002.D
 Acq: 9 May 2017 3:02

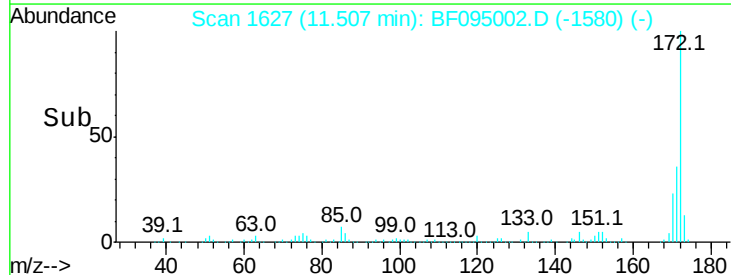
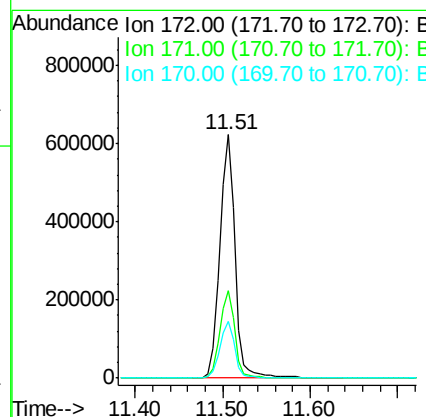
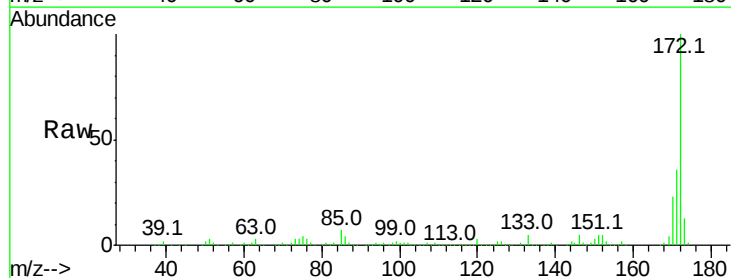
Instrument :
 BNA_F
 ClientSampleId :
 P001-TANK001-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	115.0
141	38.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 65.05 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095002.D
 Acq: 9 May 2017 3:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	19.8	29.8





#49

Dimethylphthalate

Concen: 8.45 ng

RT: 12.20 min Scan# 1744

Delta R.T. -0.04 min

Lab File: BF095002.D

Acq: 9 May 2017 3:02

Instrument :

BNA_F

ClientSampleId :

P001-TANK001-01

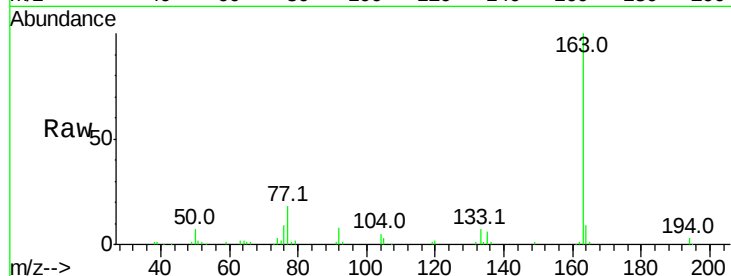
Tot Ion:163 Resp: 116090

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

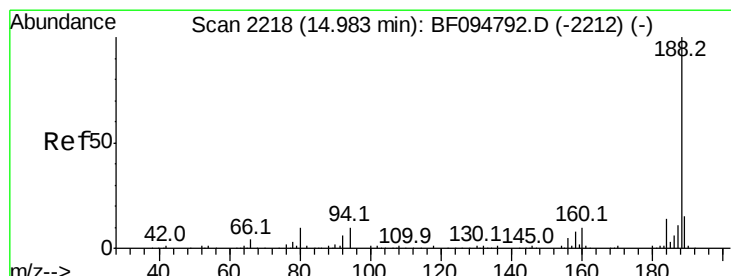
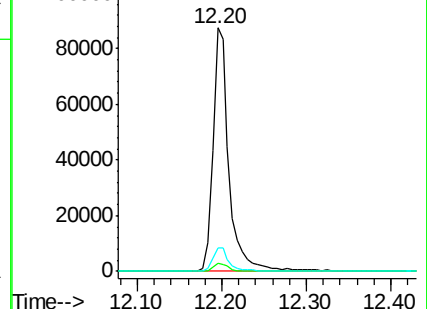
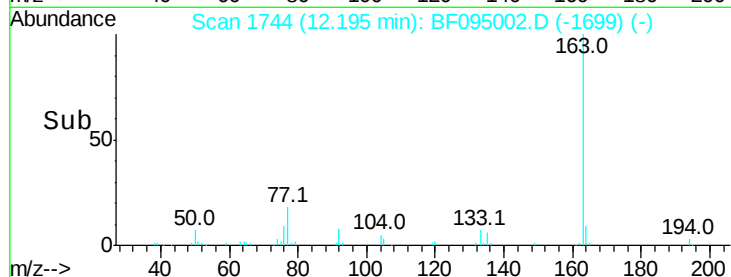
164 9.4 8.4 12.6



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: 14.96 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BF095002.D

Acq: 9 May 2017 3:02

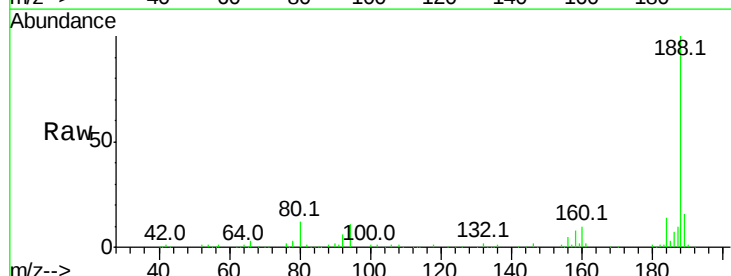
Tgt Ion:188 Resp: 243283

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

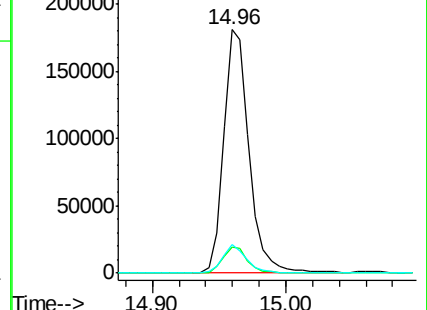
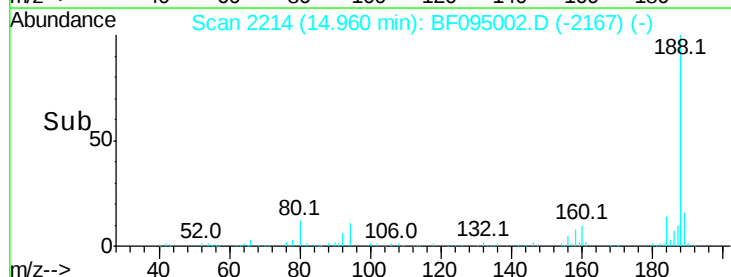
80 11.6 10.2 15.2

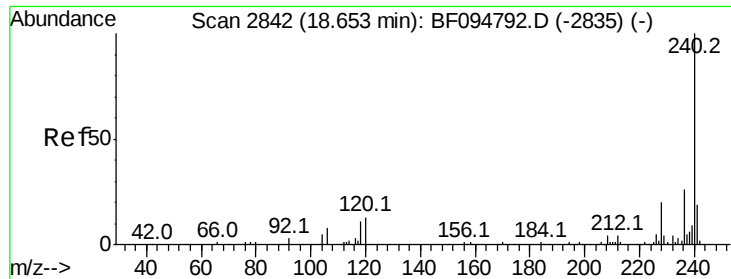


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF095002.D

Acq: 9 May 2017 3:02

Instrument :

BNA_F

ClientSampleId :

P001-TANK001-01

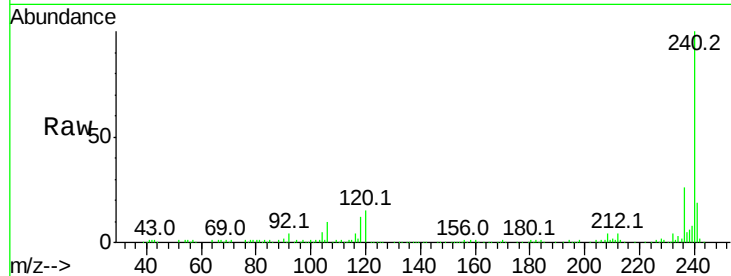
Tot Ion:240 Resp: 208646

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

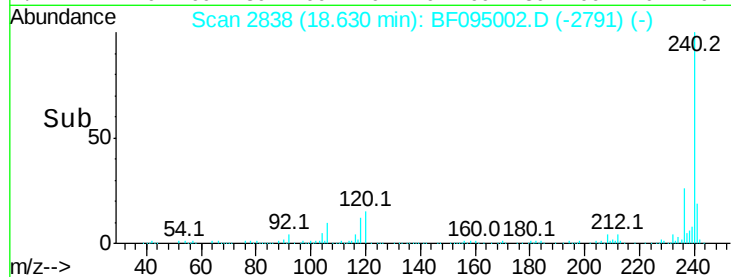
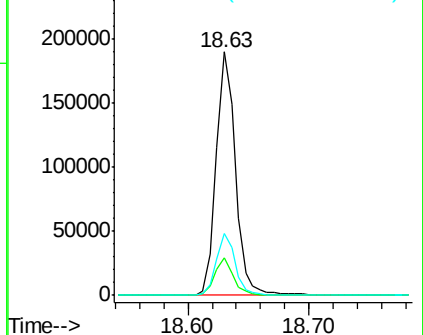
236 25.7 20.5 30.7



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: 54.17 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095002.D

Acq: 9 May 2017 3:02

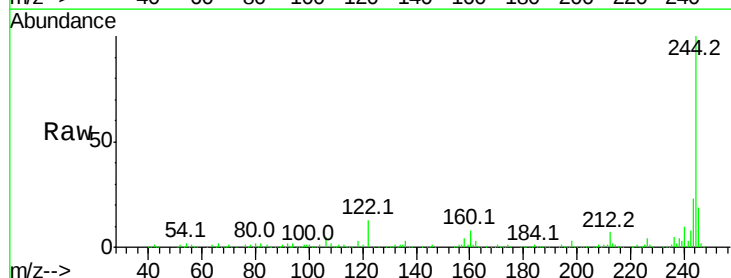
Tgt Ion:244 Resp: 513165

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

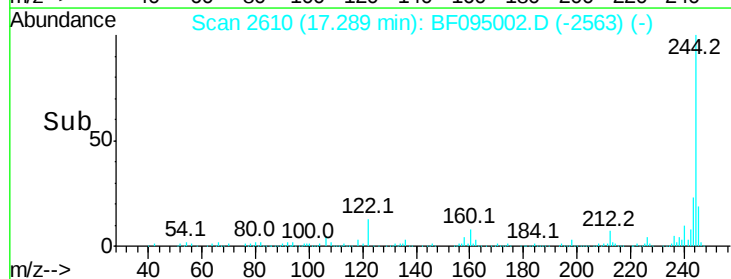
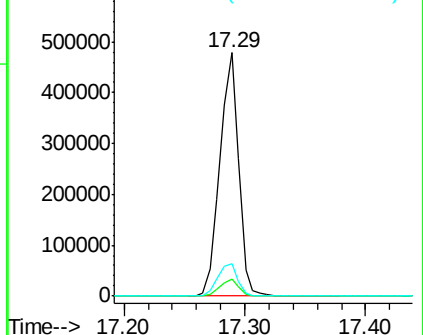
122 13.3 10.3 15.5

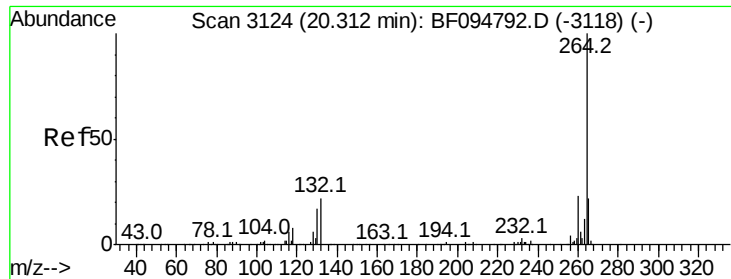


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

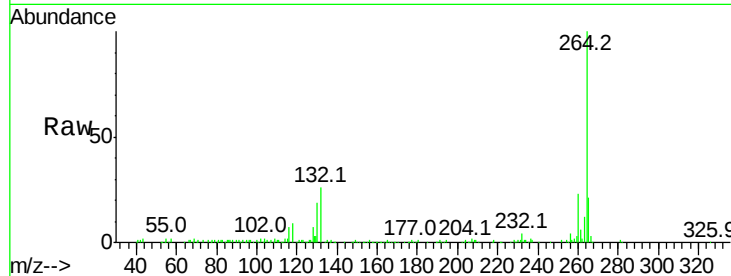




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095002.D
Acq: 9 May 2017 3:02

Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.0	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

