

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
 Data File : BF094966.D
 Acq On : 8 May 2017 3:35
 Operator : SJ/MA
 Sample : I3007-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-BW

Quant Time: May 08 08:39:00 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

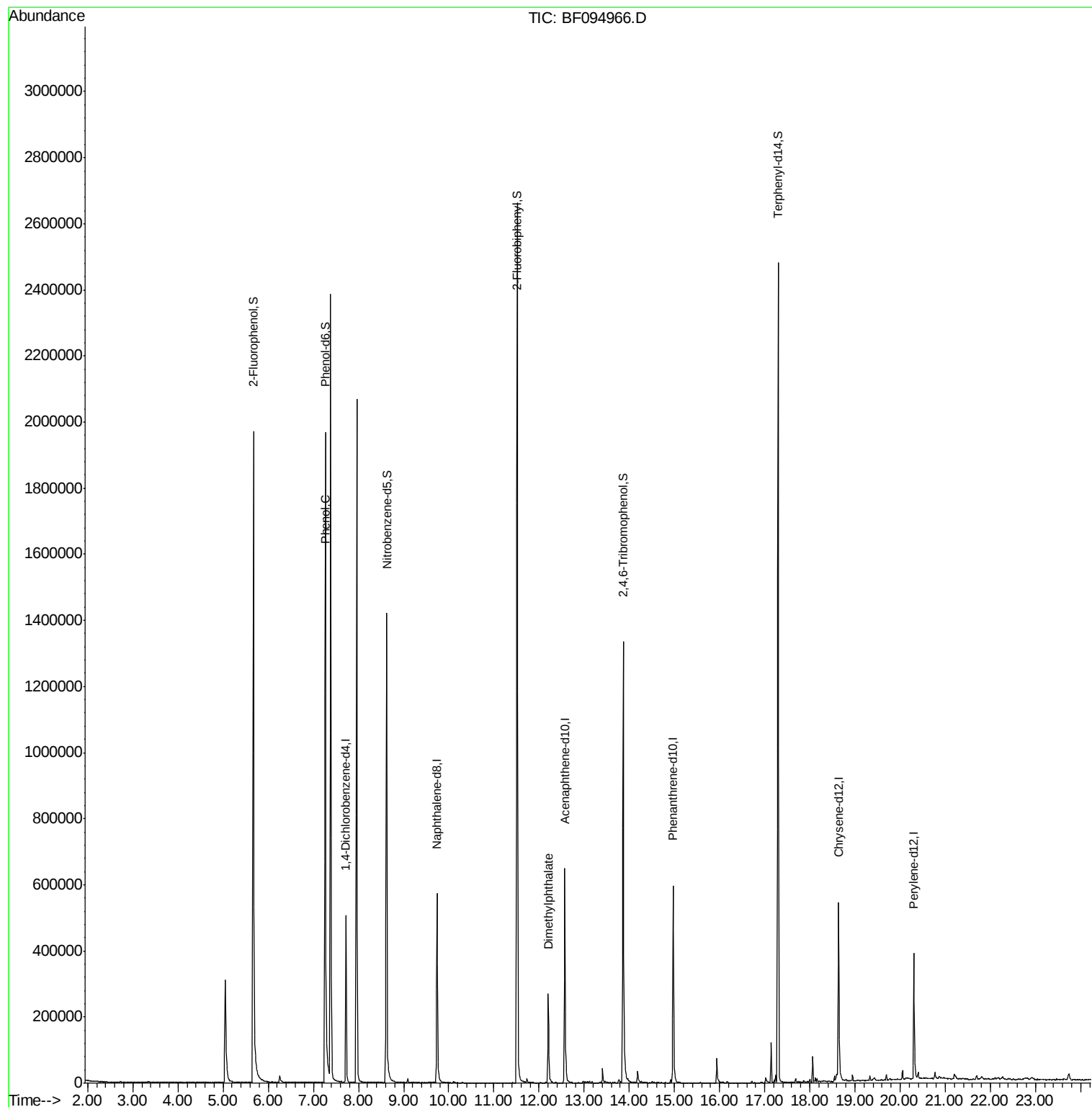
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	111088	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	440031	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	197849	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	346592	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	257158	20.00	ng	-0.02
86) Perylene-d12	20.31	264	200478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	919900	138.06	ng	0.00
7) Phenol-d6	7.27	99	1157242	144.75	ng	-0.01
23) Nitrobenzene-d5	8.62	82	698776	100.14	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	245436	151.47	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1255483	91.34	ng	-0.01
78) Terphenyl-d14	17.30	244	989811	84.78	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	25463	3.02	ng	81
49) Dimethylphthalate	12.21	163	182757	11.25	ng	99

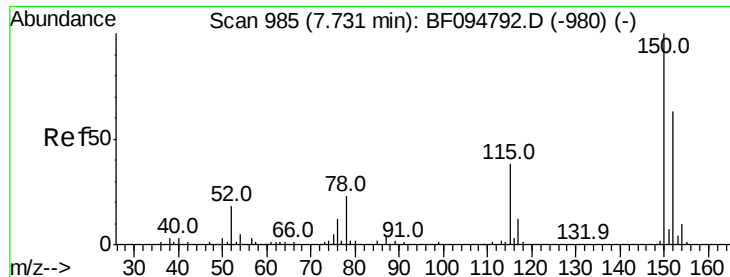
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 03 17:24:51 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

Instrument :

BNA_F

ClientSampleId :

EME-BW

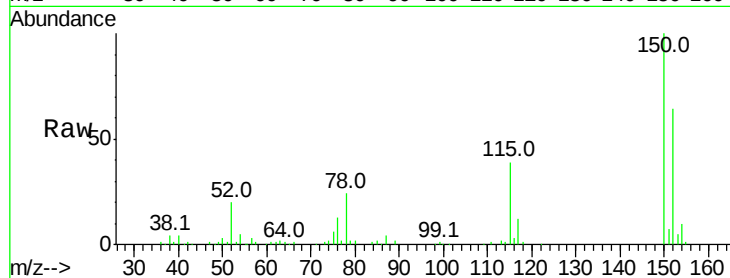
Tot Ion:152 Resp: 111088

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.2

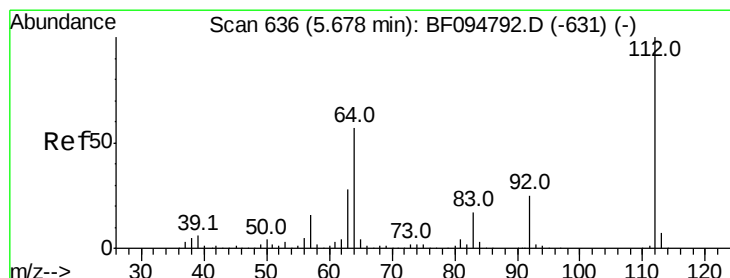
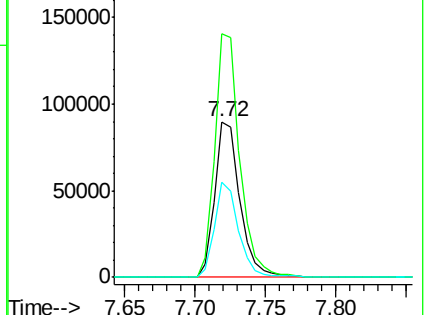
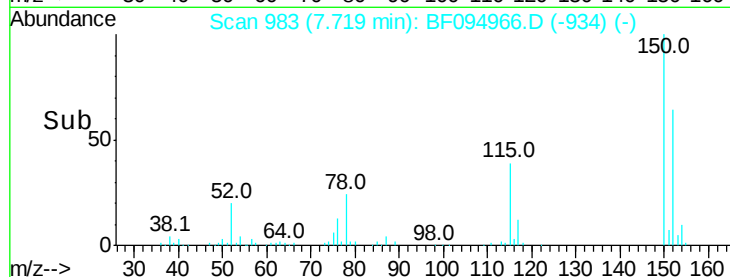
115 61.5 52.2 78.2



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: 138.06 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

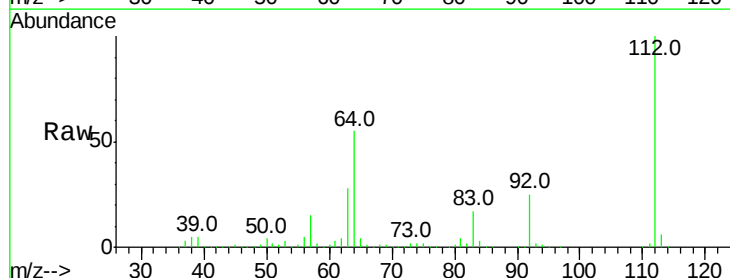
Tgt Ion:112 Resp: 919900

Ion Ratio Lower Upper

112 100

64 55.1 46.0 69.0

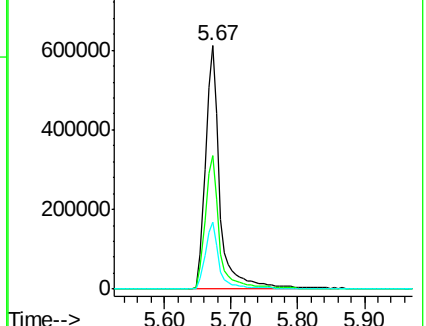
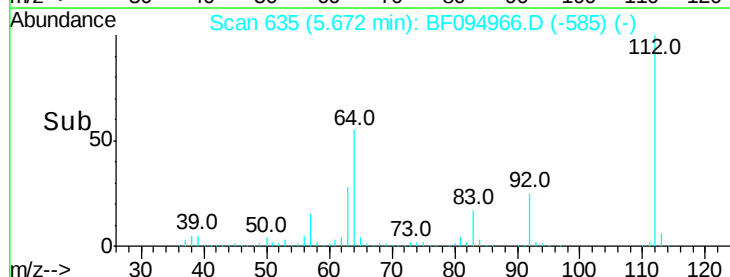
63 27.7 23.4 35.0

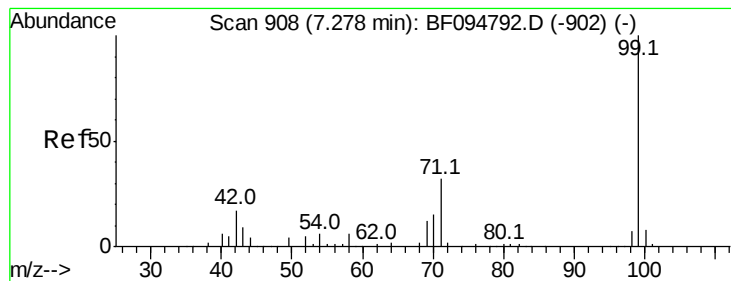


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.75 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

Instrument :

BNA_F

ClientSampleId :

EME-BW

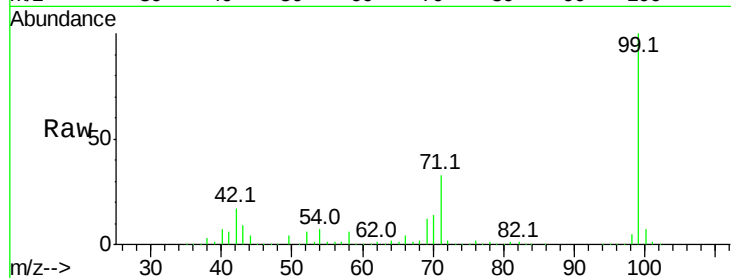
Tot Ion: 99 Resp: 1157242

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

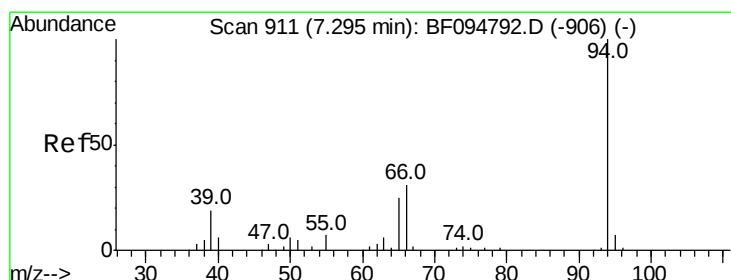
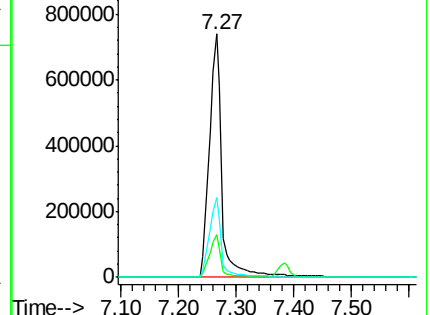
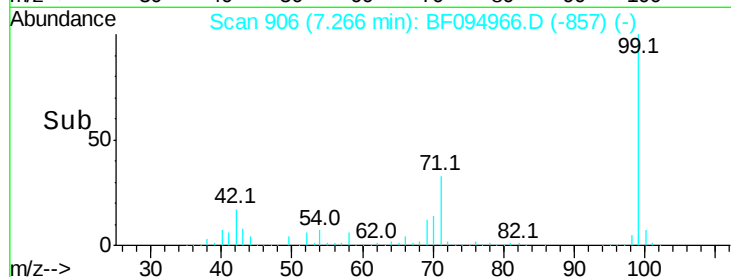
71 32.8 24.5 36.7



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



#10

Phenol

Concen: 3.02 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

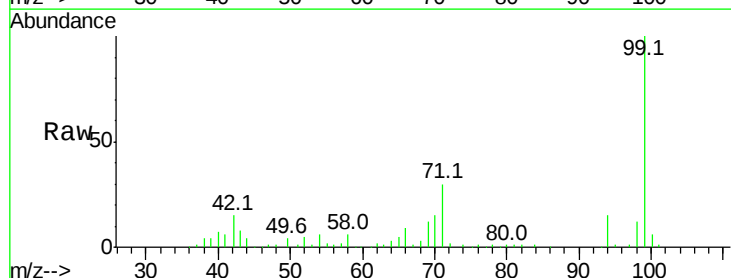
Tgt Ion: 94 Resp: 25463

Ion Ratio Lower Upper

94 100

65 31.8 9.9 49.9

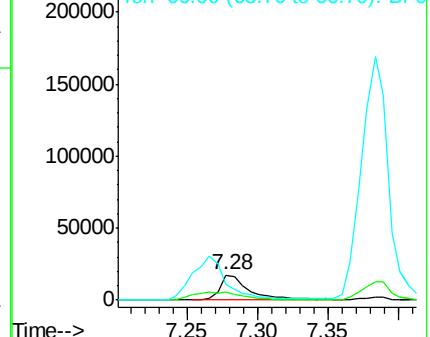
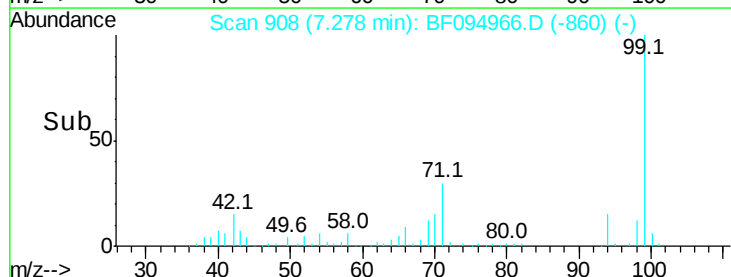
66 61.9 23.1 63.1



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

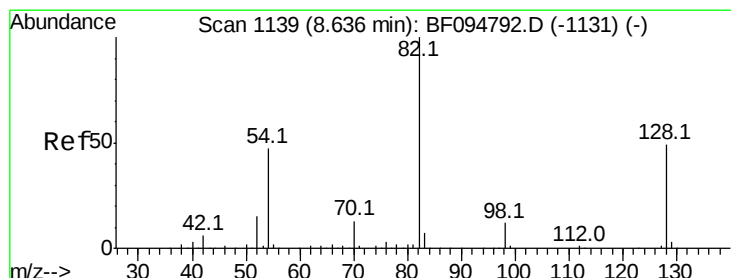
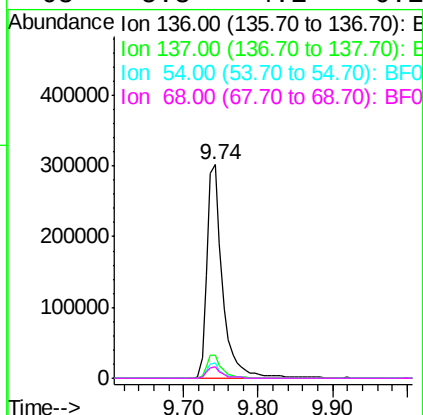
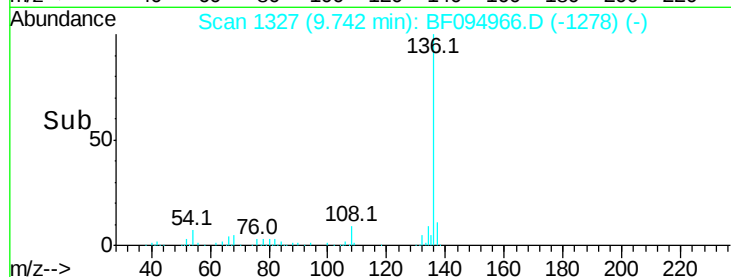
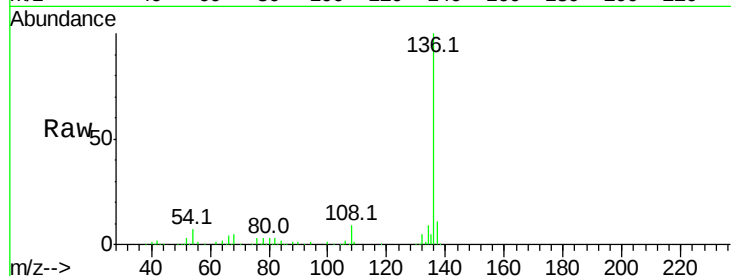




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094966.D
Acq: 8 May 2017 3:35

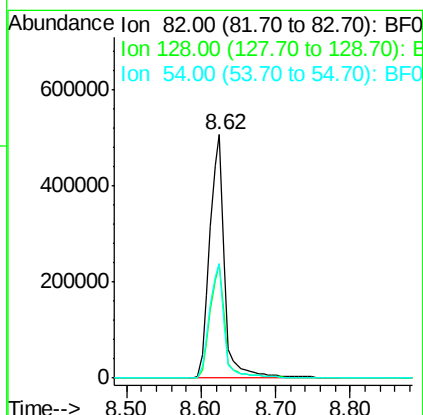
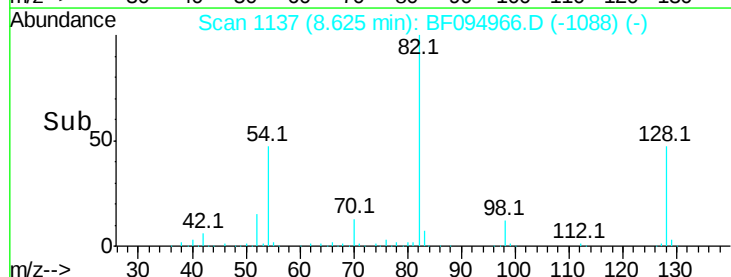
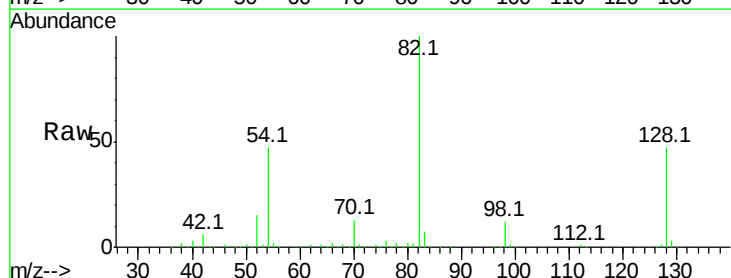
Instrument :
BNA_F
ClientSampleId :
EME-BW

Tot Ion:136	Resp:	440031
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.5 12.7
54	7.0	4.9 7.3
68	5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 100.14 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094966.D
Acq: 8 May 2017 3:35

Tgt Ion: 82	Resp:	698776
Ion	Ratio	Lower Upper
82	100	
128	47.0	34.0 51.0
54	47.1	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

Instrument :

BNA_F

ClientSampleId :

EME-BW

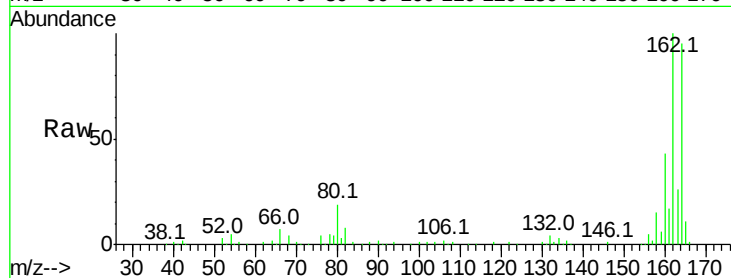
Tot Ion:164 Resp: 197849

Ion Ratio Lower Upper

164 100

162 104.9 82.6 123.8

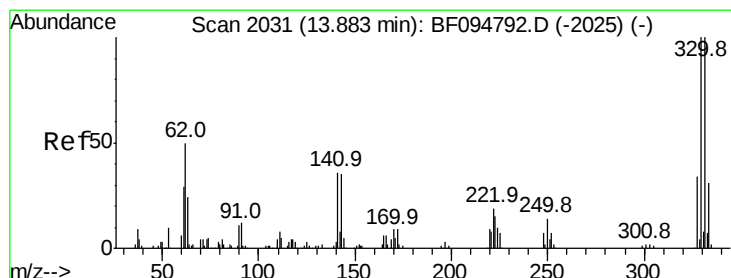
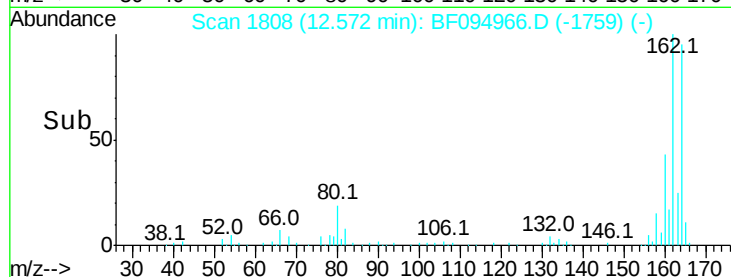
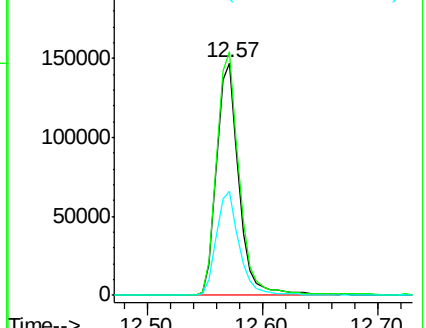
160 44.6 36.2 54.2



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: 151.47 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094966.D

Acq: 8 May 2017 3:35

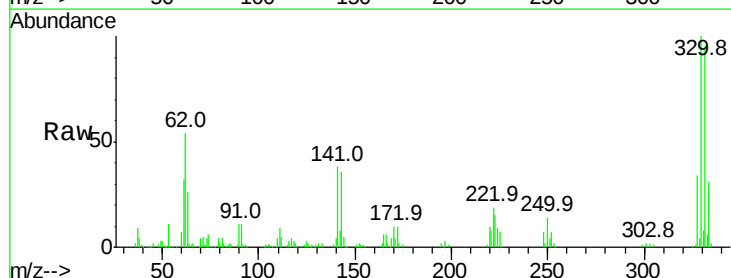
Tgt Ion:330 Resp: 245436

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

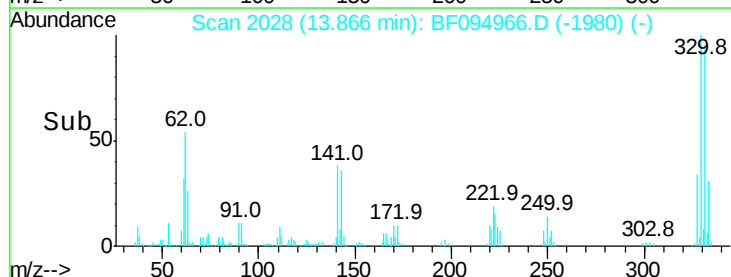
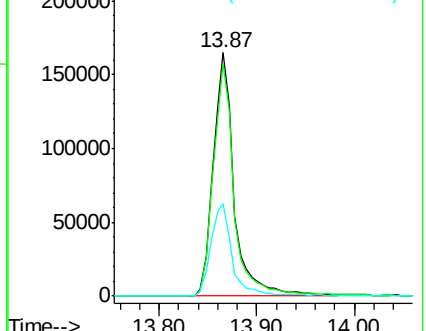
141 39.1 31.4 47.2

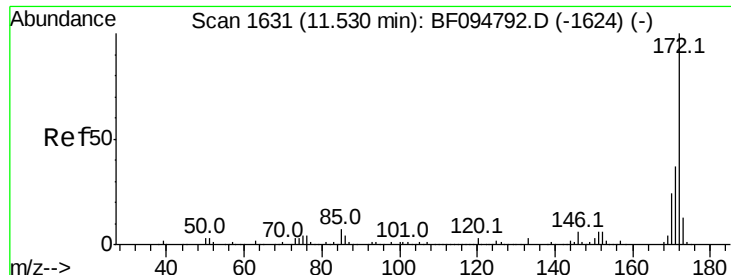


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

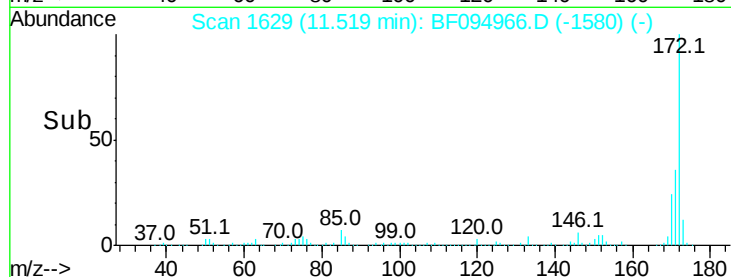
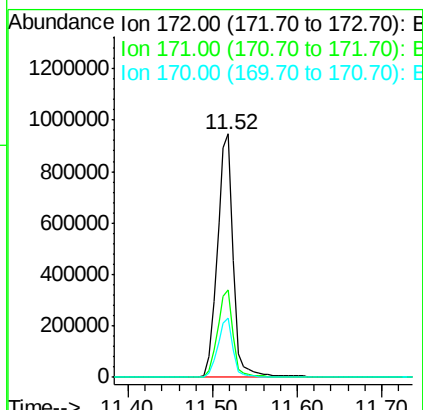
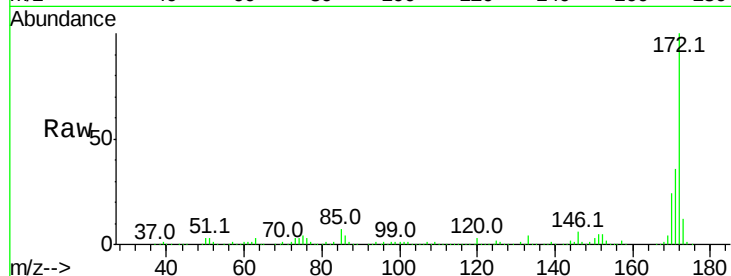




#44
2-Fluorobiphenyl
Concen: 91.34 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094966.D
Acq: 8 May 2017 3:35

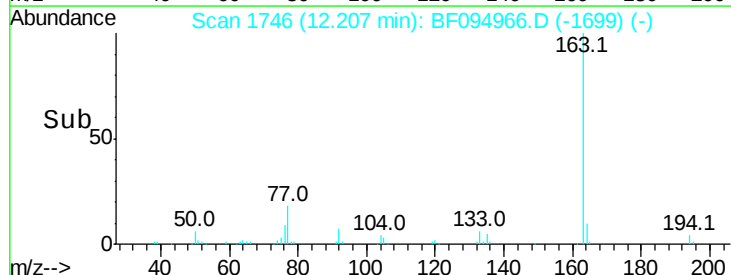
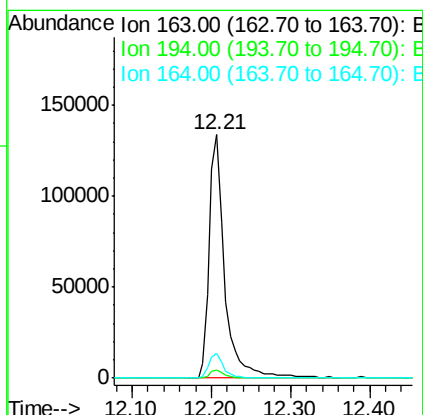
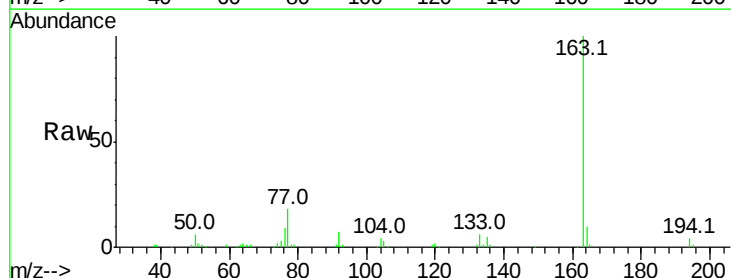
Instrument :
BNA_F
ClientSampleId :
EME-BW

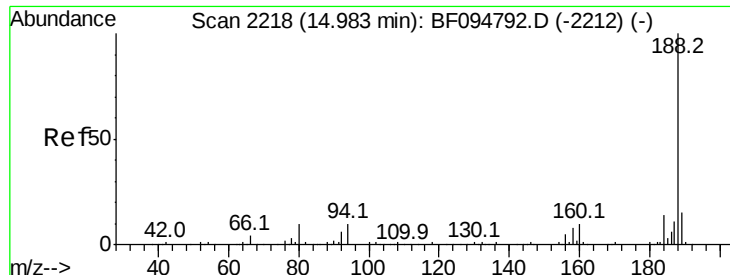
Tot Ion:172 Resp: 1255483
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 11.25 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094966.D
Acq: 8 May 2017 3:35

Tgt Ion:163 Resp: 182757
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

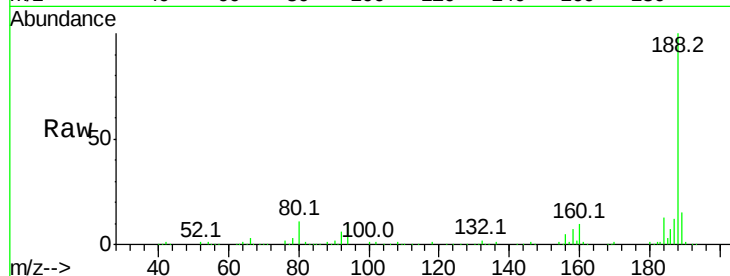




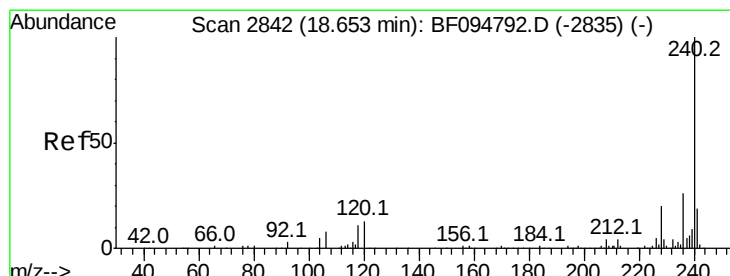
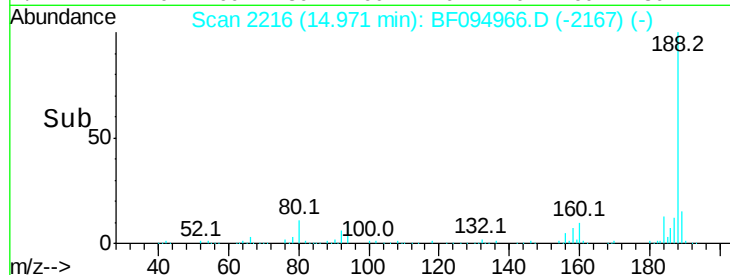
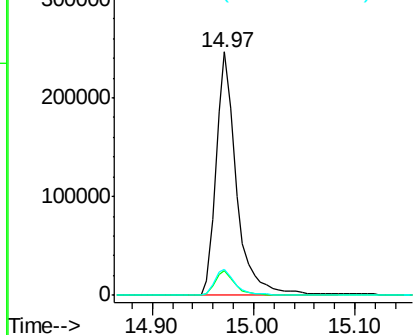
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094966.D
Acq: 8 May 2017 3:35

Instrument :
BNA_F
ClientSampleId :
EME-BW

Tot Ion:188 Resp: 346592
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.7 10.2 15.2

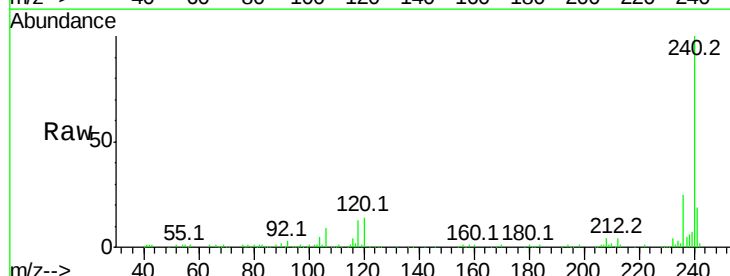


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

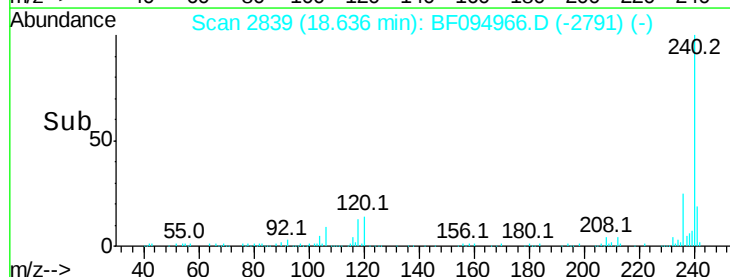
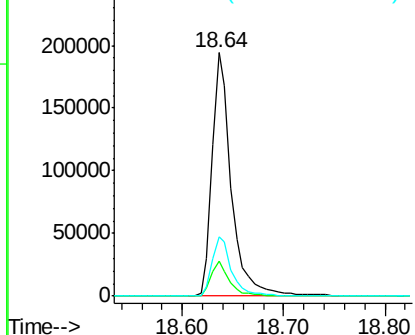


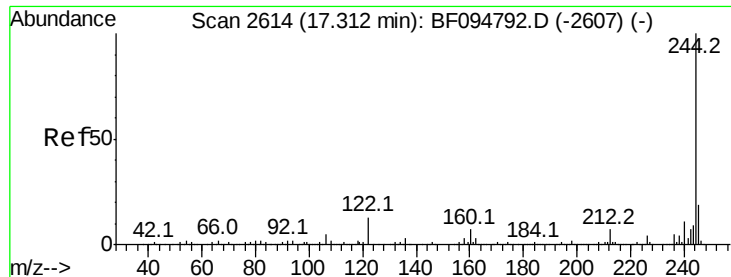
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094966.D
Acq: 8 May 2017 3:35

Tgt Ion:240 Resp: 257158
Ion Ratio Lower Upper
240 100
120 14.1 5.8 8.8#
236 24.6 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

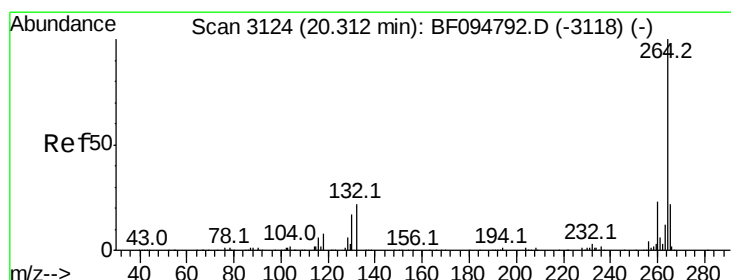
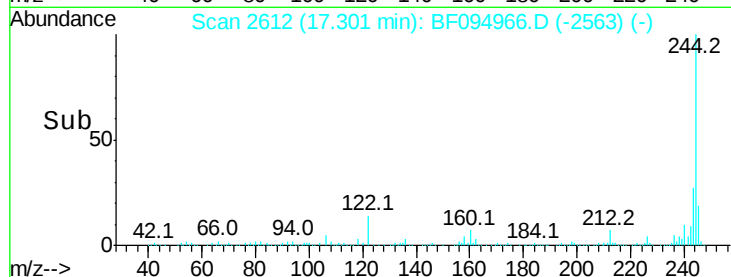
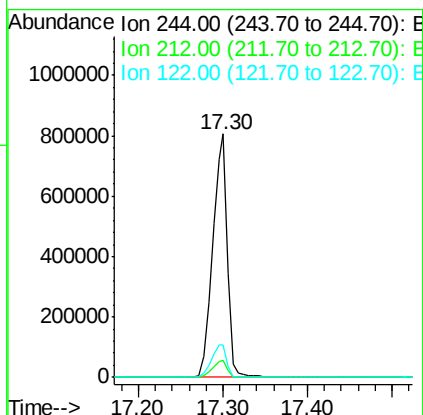
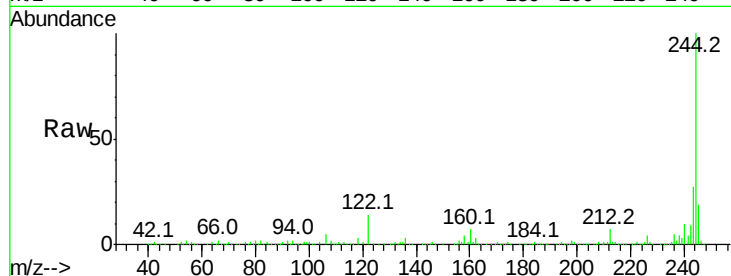




#78
 Terphenyl-d14
 Concen: 84.78 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094966.D
 Acq: 8 May 2017 3:35

Instrument :
 BNA_F
 ClientSampleId :
 EME-BW

Tot Ion:244 Resp: 989811
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094966.D
 Acq: 8 May 2017 3:35

Tgt Ion:264 Resp: 200478
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.3 17.2 25.8

