

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098428.D
 Acq On : 12 Sep 2017 3:20
 Operator : SJ/JU
 Sample : I5138-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EME-UTS-TS011-01

Quant Time: Sep 12 04:12:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

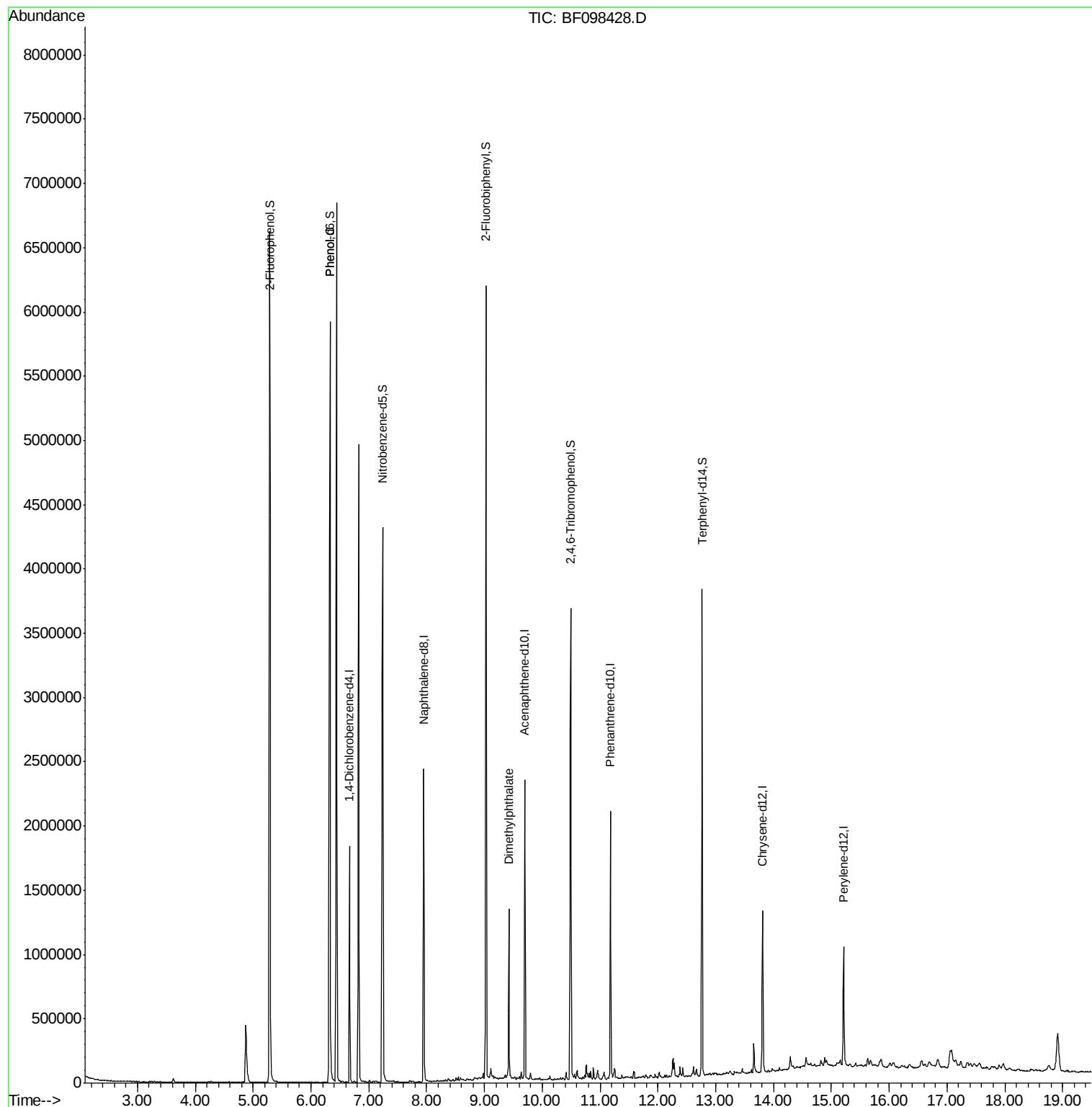
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	241229	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	987797	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	410729	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	651402	20.00	ng	0.00
75) Chrysene-d12	13.81	240	381415	20.00	ng	0.00
86) Perylene-d12	15.22	264	392404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2058638	126.18	ng	0.01
7) Phenol-d6	6.33	99	2527725	122.02	ng	0.00
23) Nitrobenzene-d5	7.24	82	1601992	90.41	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	380712	138.88	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1913334	78.96	ng	0.00
78) Terphenyl-d14	12.76	244	1086461	61.48	ng	0.00
Target Compounds						
10) Phenol	6.33	94	150041	6.236	ng	96
49) Dimethylphthalate	9.42	163	461300	14.509	ng	100

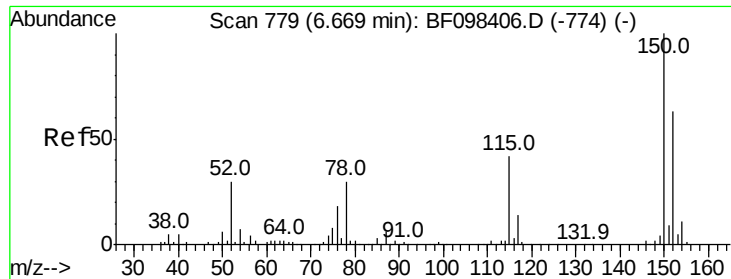
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS011-01

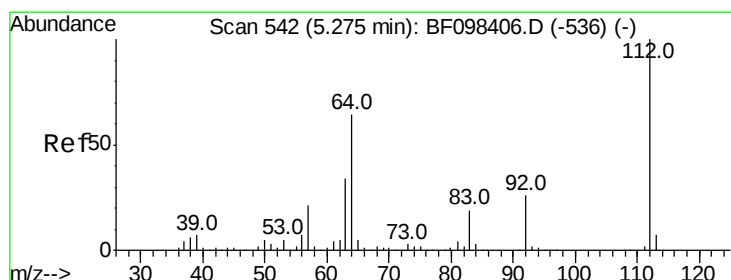
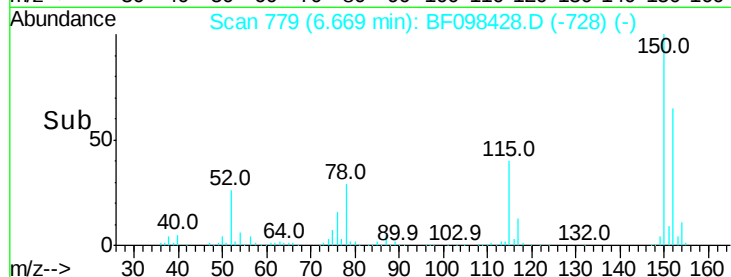
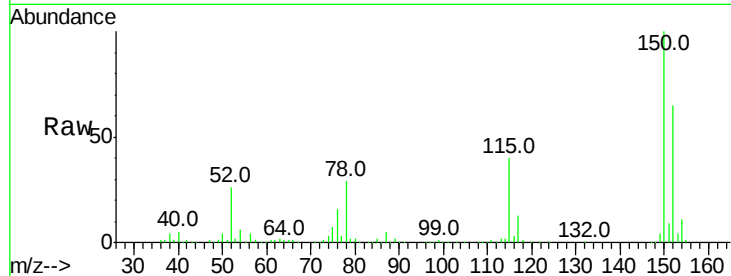
Tot Ion:152 Resp: 241229

Ion Ratio Lower Upper

152 100

150 153.7 126.2 189.2

115 62.0 52.2 78.2



#5

2-Fluorophenol

Concen: 126.177 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

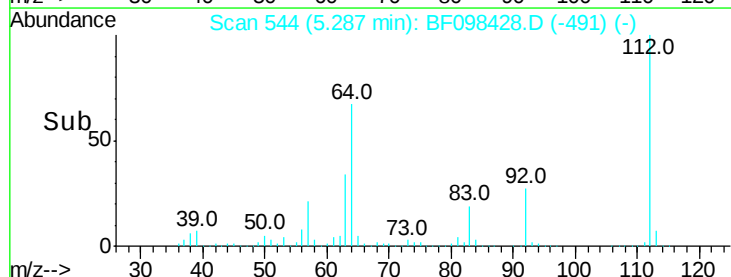
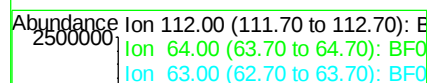
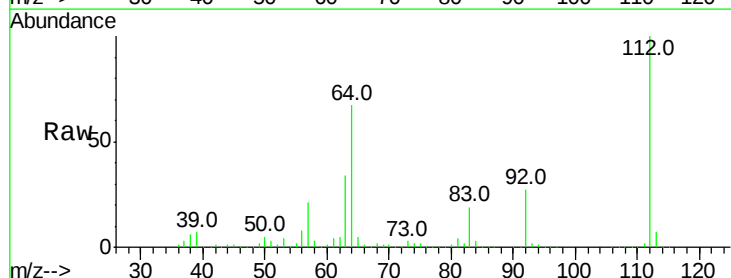
Tgt Ion:112 Resp: 2058638

Ion Ratio Lower Upper

112 100

64 66.7 46.0 69.0

63 34.1 23.4 35.0





#7

Phenol-d6

Concen: 122.022 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS011-01

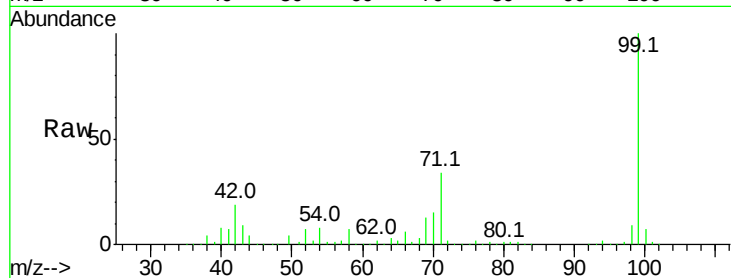
Tot Ion: 99 Resp: 2527725

Ion Ratio Lower Upper

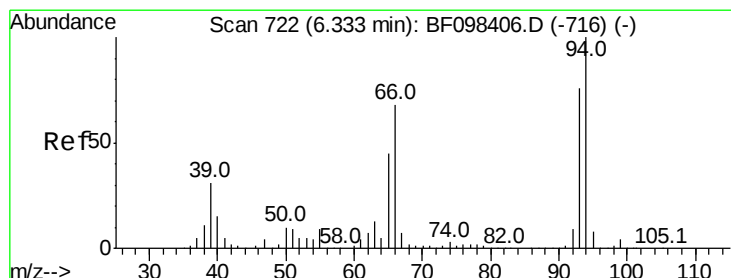
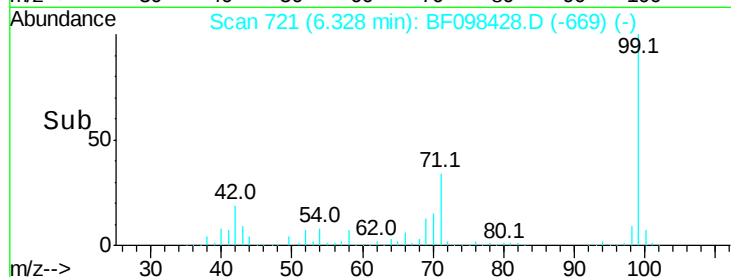
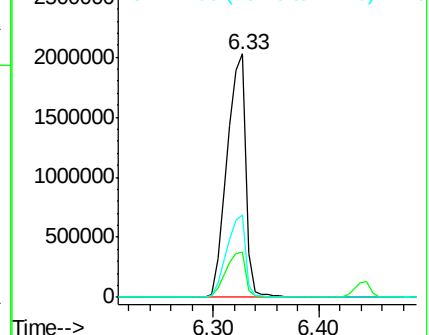
99 100

42 18.6 13.5 20.3

71 33.6 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: 6.236 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

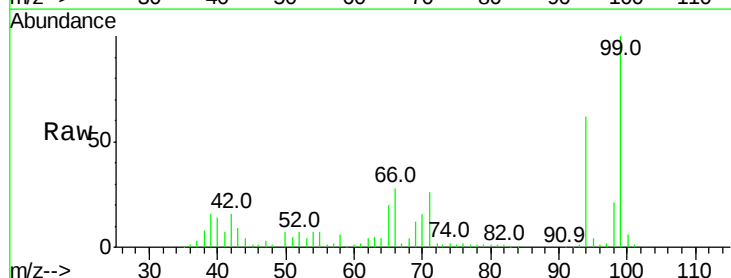
Tgt Ion: 94 Resp: 150041

Ion Ratio Lower Upper

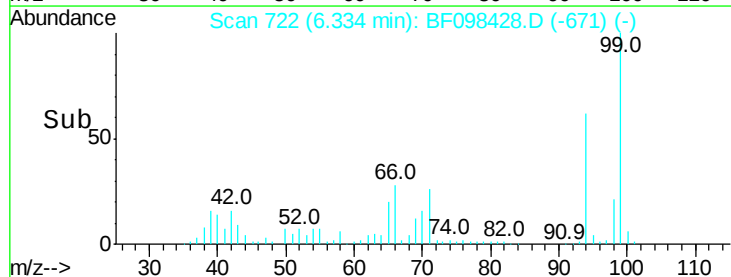
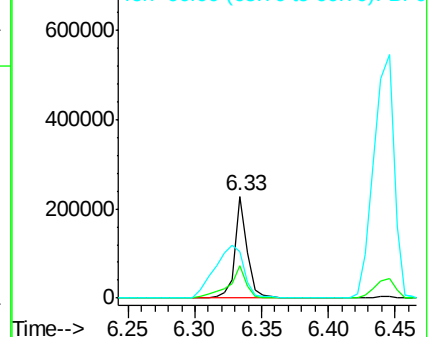
94 100

65 32.0 9.9 49.9

66 45.3 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

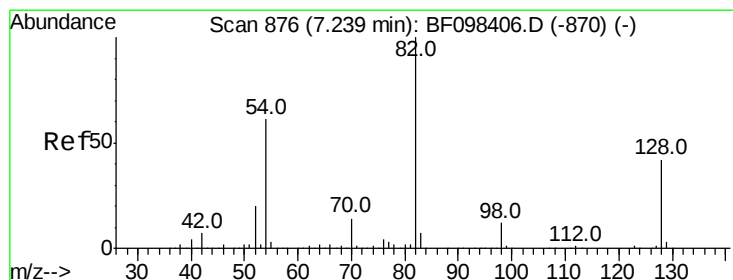
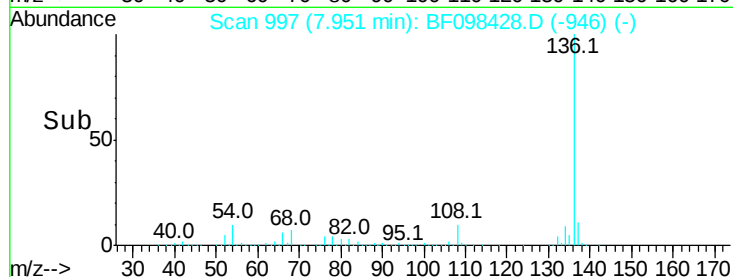
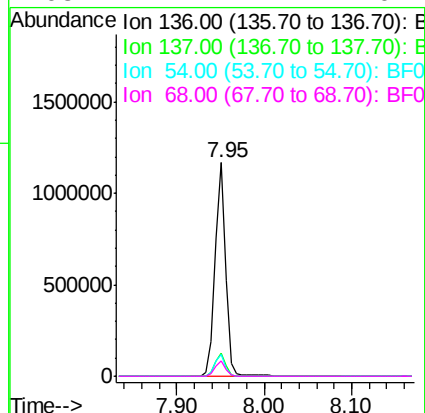
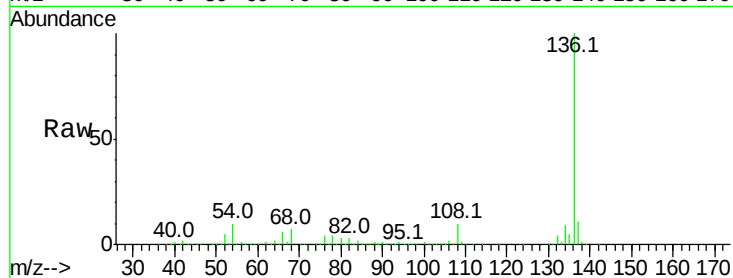




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

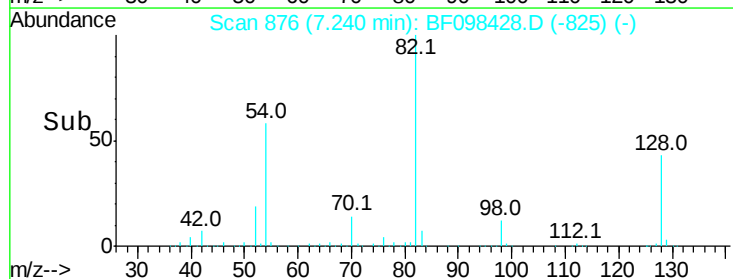
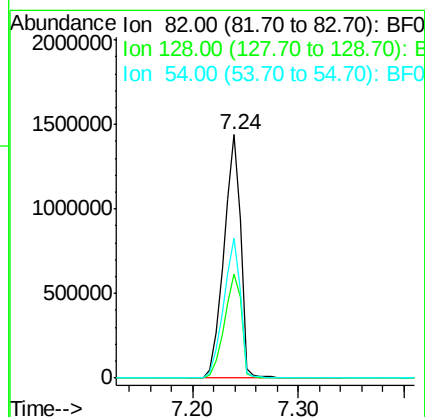
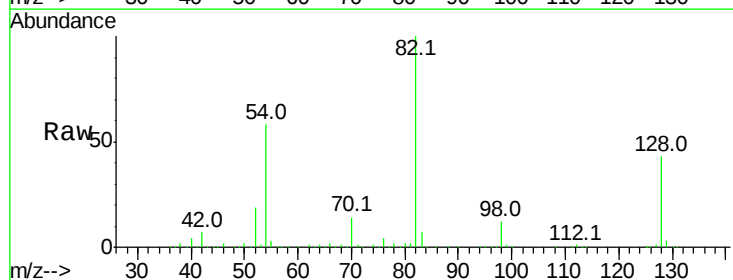
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

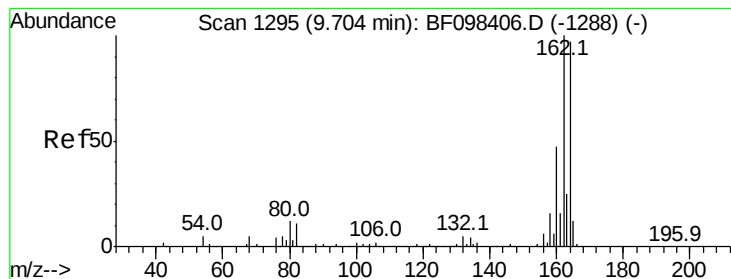
Tot Ion:136	Resp:	987797
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	9.9	4.9 7.3#
68	7.1	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 90.414 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion: 82	Resp:	1601992
Ion Ratio	Lower	Upper
82	100	
128	42.9	34.0 51.0
54	57.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS011-01

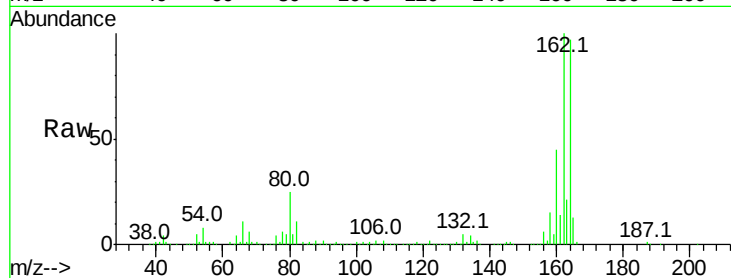
Tot Ion:164 Resp: 410729

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

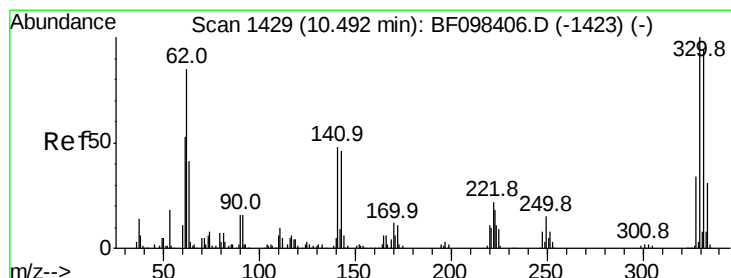
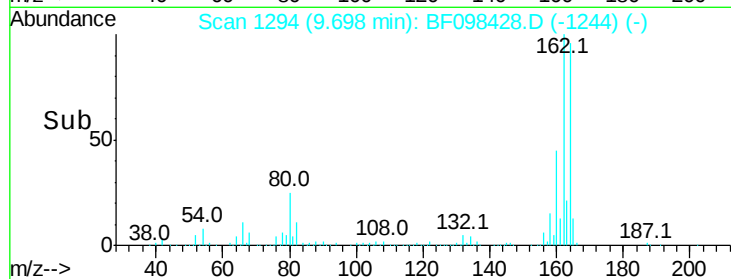
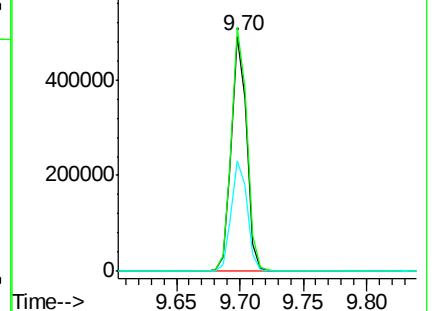
160 46.8 36.2 54.2



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: 138.881 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

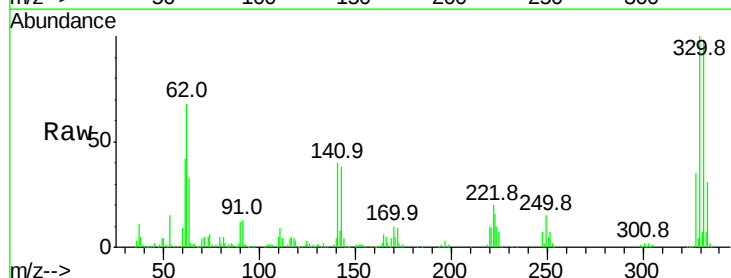
Tgt Ion:330 Resp: 380712

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

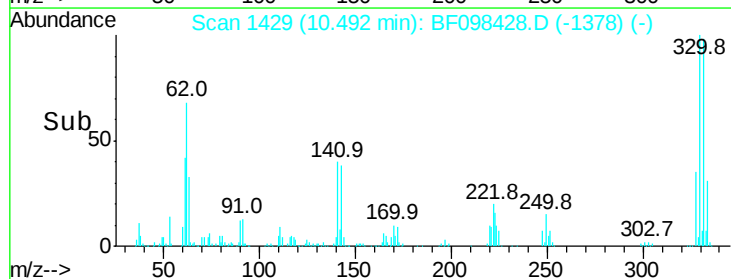
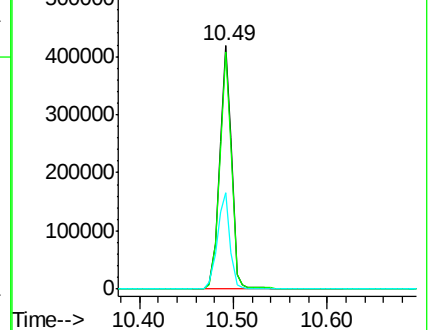
141 41.9 31.4 47.2

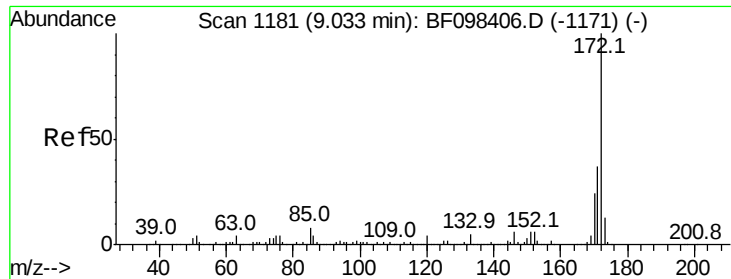


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

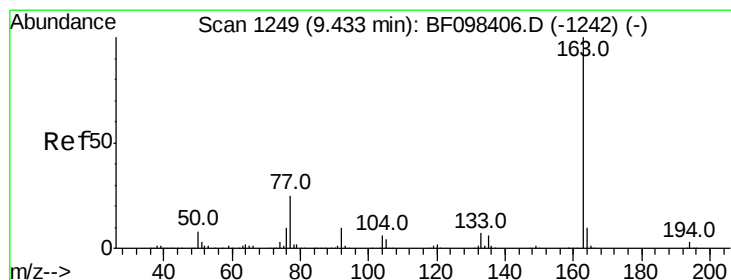
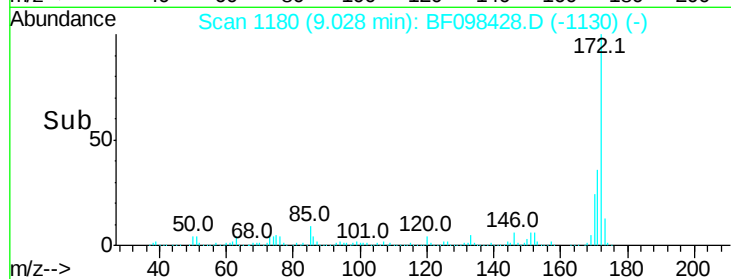
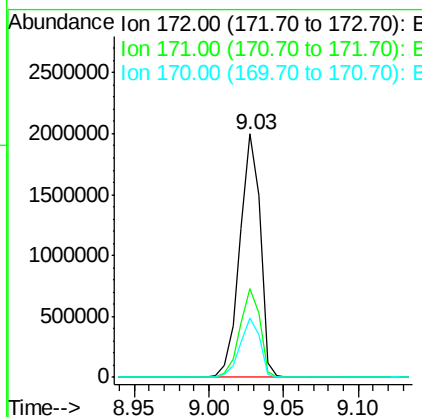
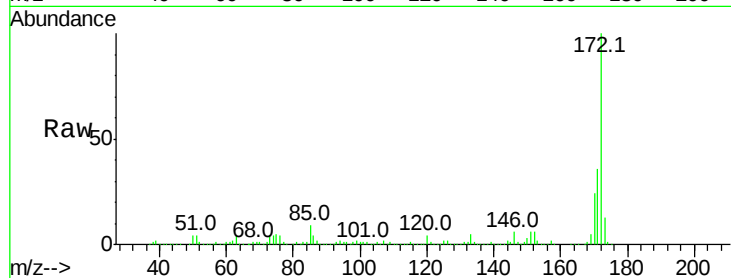




#44
2-Fluorobiphenyl
Concen: 78.956 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

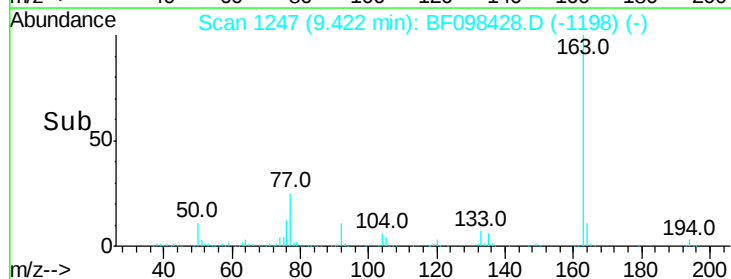
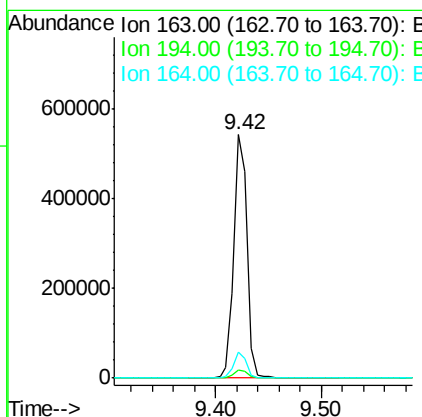
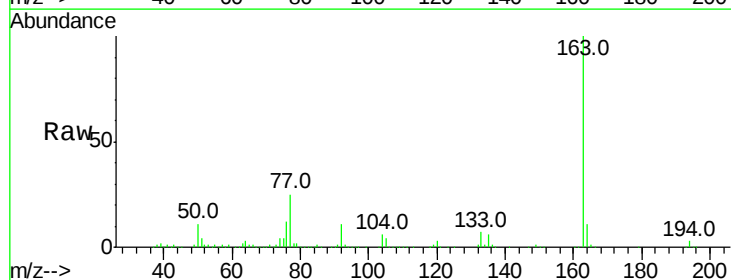
Instrument :
BNA_F
ClientSampleId :
EME-UTS-TS011-01

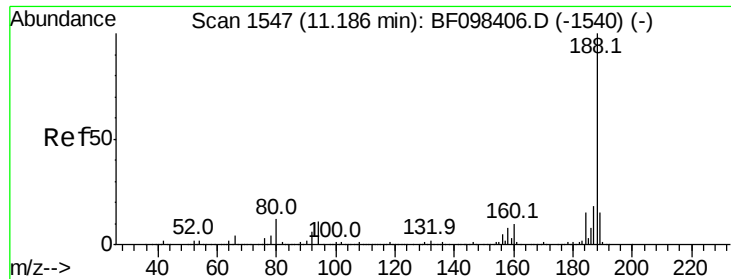
Tot Ion:172 Resp: 1913334
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 14.509 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098428.D
Acq: 12 Sep 2017 3:20

Tgt Ion:163 Resp: 461300
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS011-01

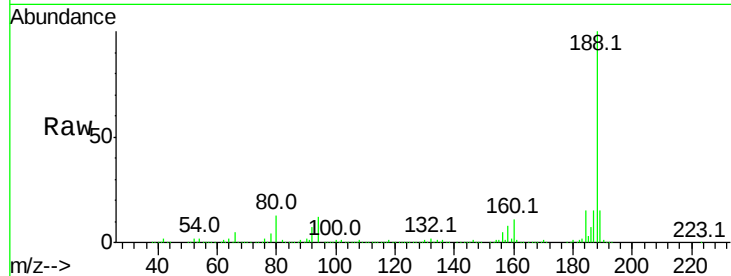
Tot Ion:188 Resp: 651402

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

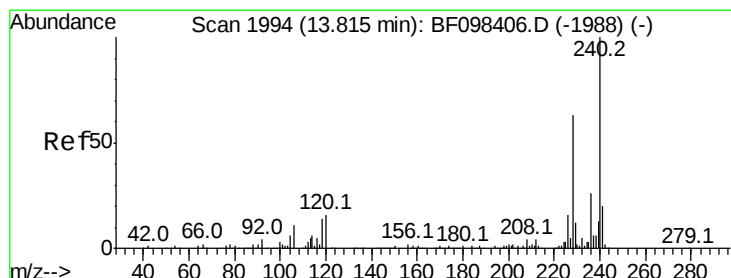
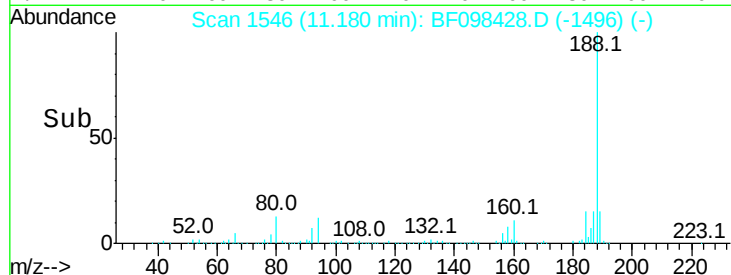
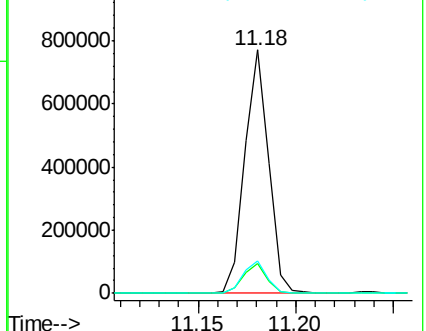
80 13.3 10.2 15.2



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: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

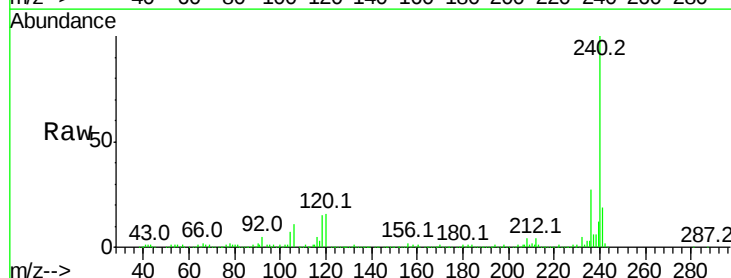
Tgt Ion:240 Resp: 381415

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

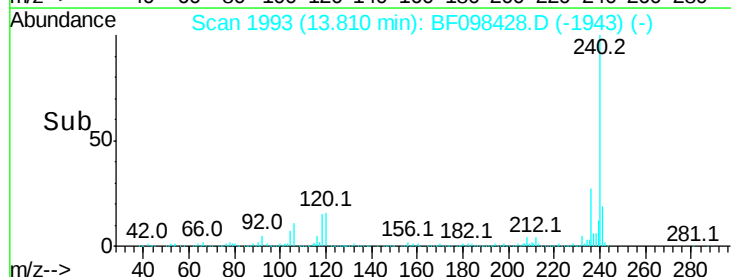
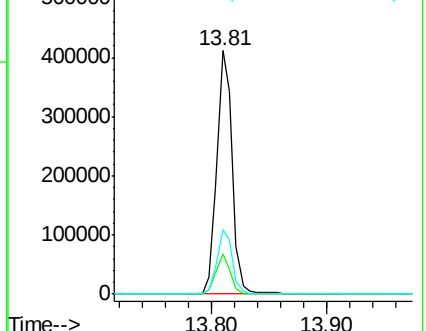
236 26.6 20.5 30.7

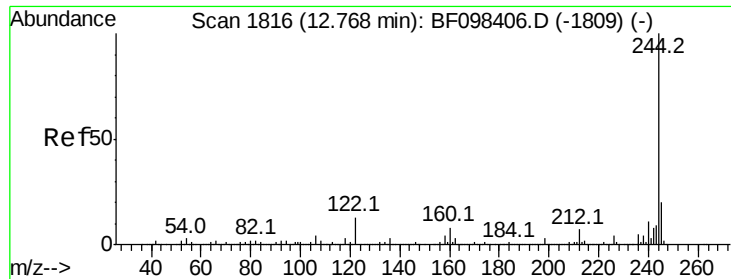


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.484 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

Instrument :

BNA_F

ClientSampleId :

EME-UTS-TS011-01

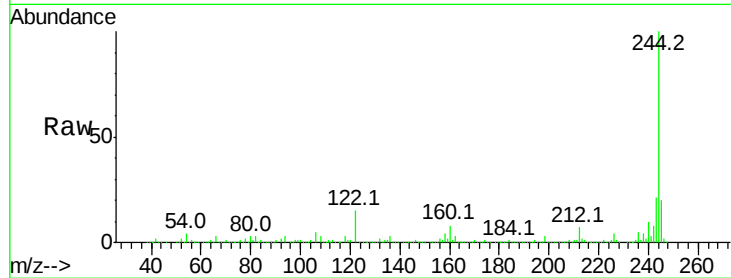
Tot Ion:244 Resp: 1086461

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

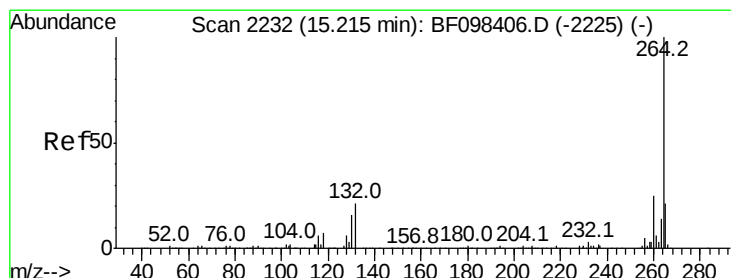
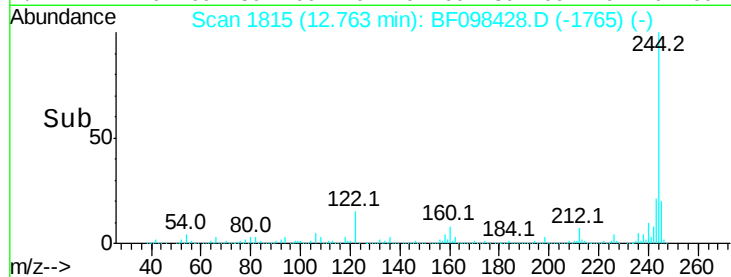
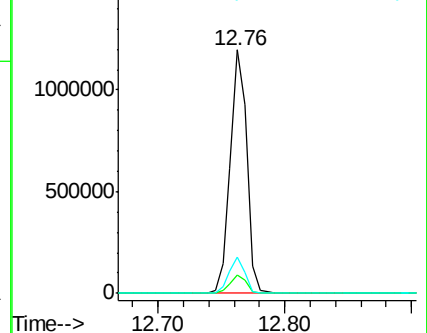
122 14.8 10.3 15.5



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: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BF098428.D

Acq: 12 Sep 2017 3:20

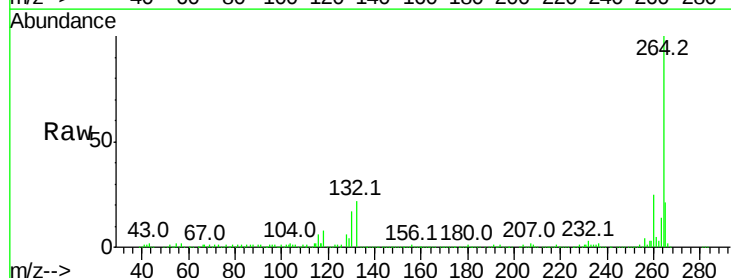
Tgt Ion:264 Resp: 392404

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.4 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

