

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
 Data File : BF081778.D
 Acq On : 24 Sep 2015 22:30
 Operator : UM/IZ
 Sample : G3807-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-CS-8

Quant Time: Sep 25 06:49:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:04:07 2015
 Response via : Initial Calibration

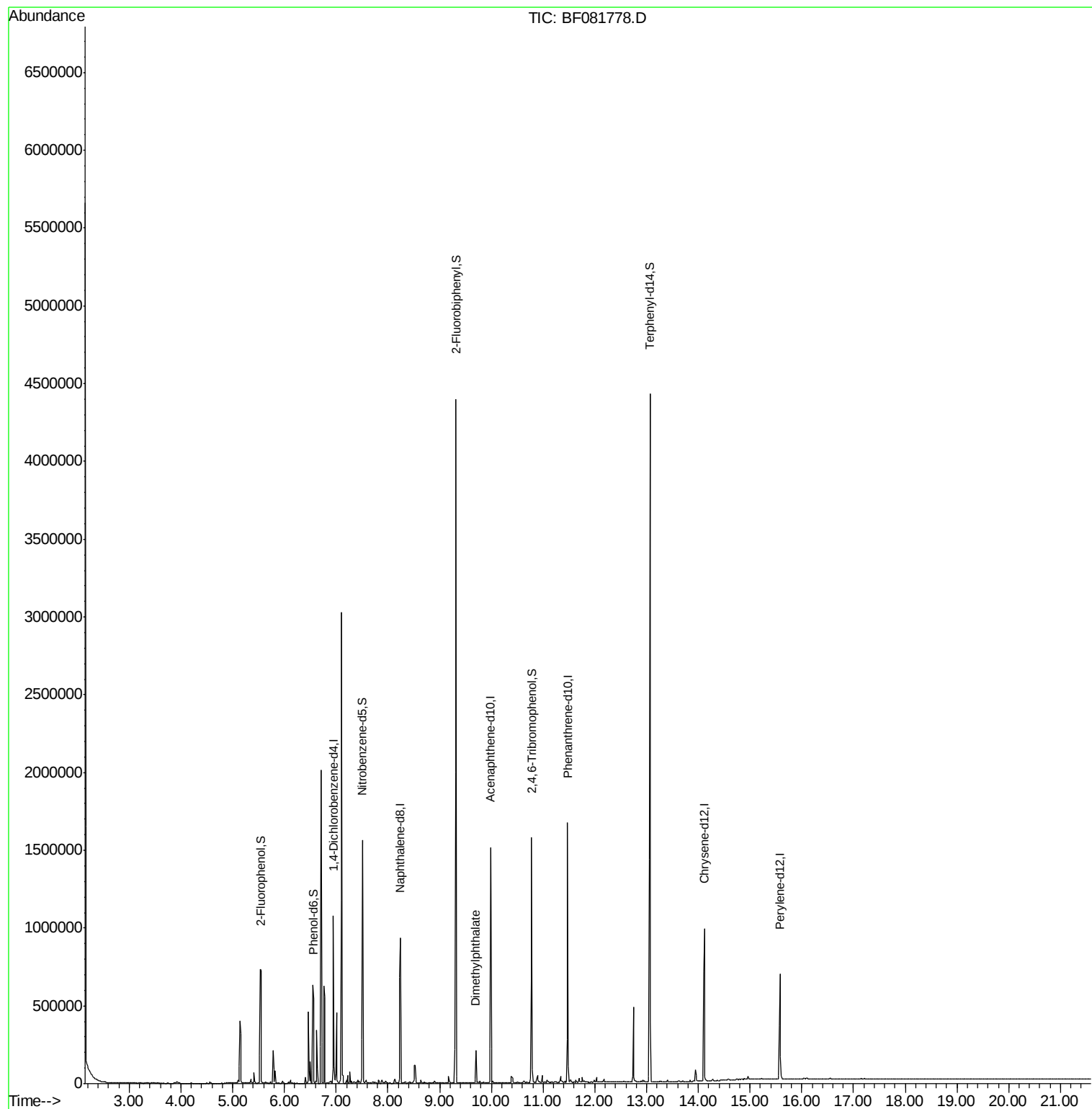
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	143672	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	565157	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	288965	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	561375	20.00	ng	0.00
75) Chrysene-d12	14.12	240	451122	20.00	ng	0.00
86) Perylene-d12	15.58	264	323546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	255453	30.08	ng	0.00
7) Phenol-d6	6.56	99	198670	18.49	ng	-0.01
23) Nitrobenzene-d5	7.51	82	762491	89.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	198700	79.20	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1485718	84.40	ng	0.00
78) Terphenyl-d14	13.06	244	1392543	70.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	79243	3.60	ng	Qvalue # 98

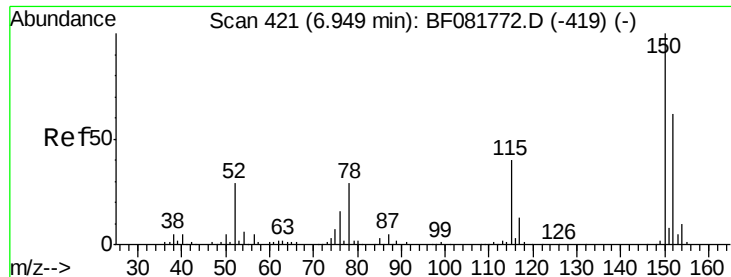
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-CS-8

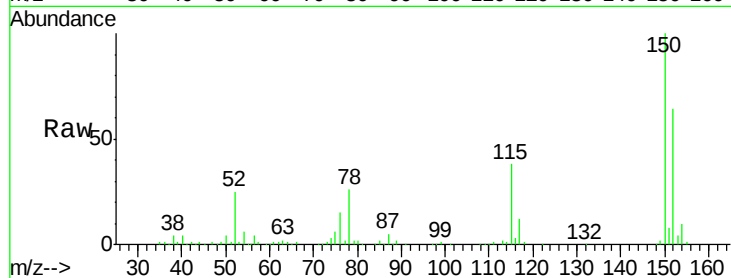
Tgt Ion:152 Resp: 143672

Ion Ratio Lower Upper

152 100

150 156.4 124.7 187.1

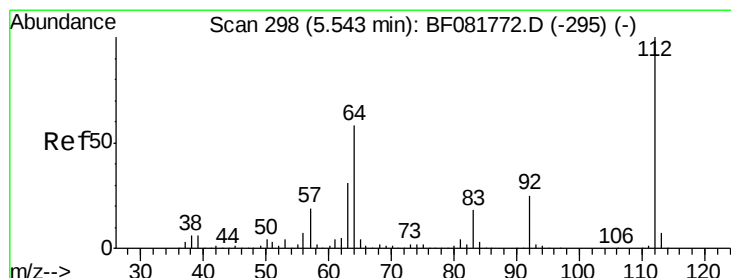
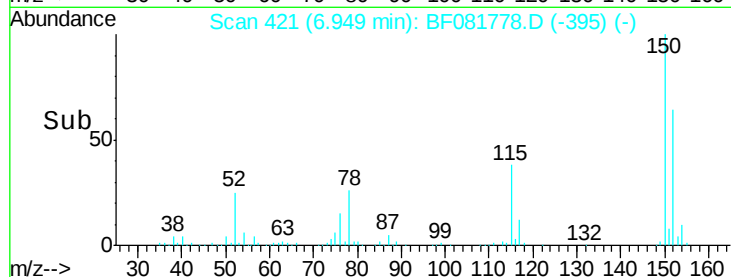
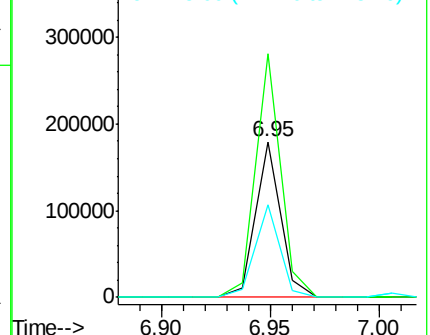
115 59.9 39.0 58.4#



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: 30.08 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

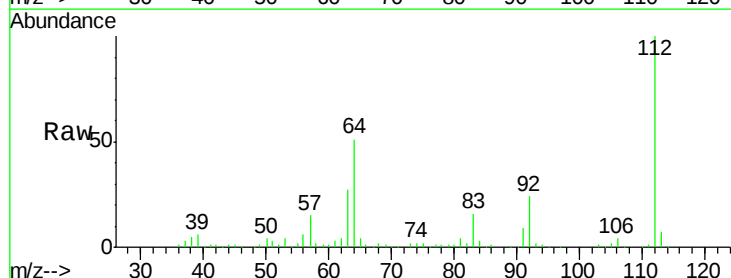
Tgt Ion:112 Resp: 255453

Ion Ratio Lower Upper

112 100

64 51.5 39.7 59.5

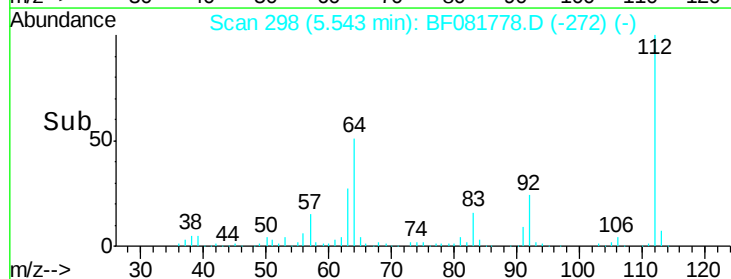
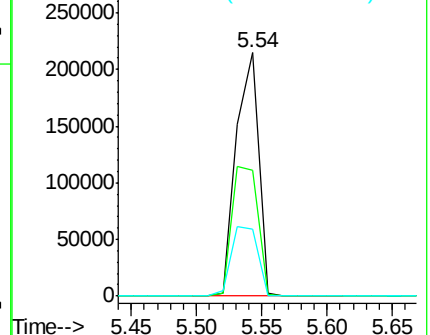
63 27.3 17.4 26.0#

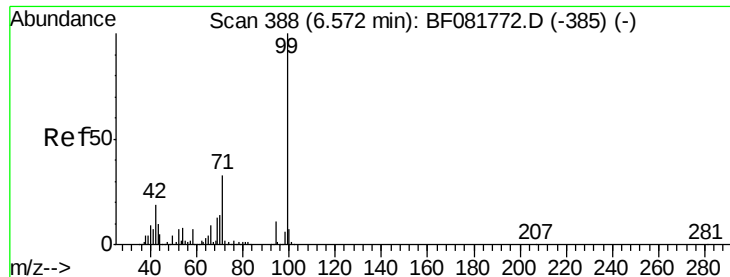


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.49 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-CS-8

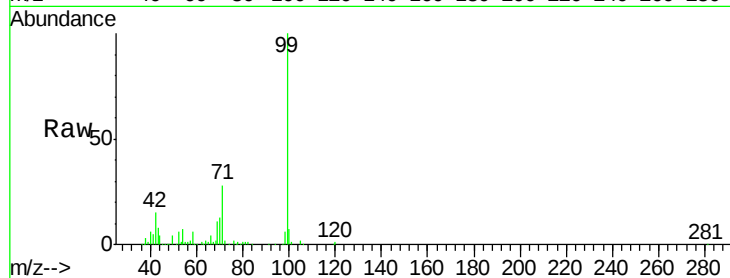
Tgt Ion: 99 Resp: 198670

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

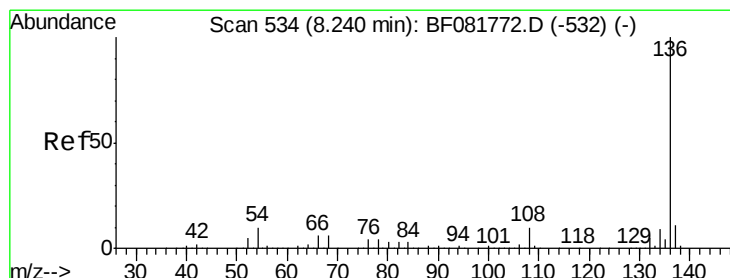
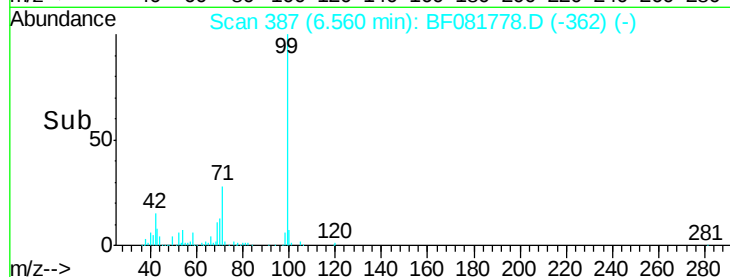
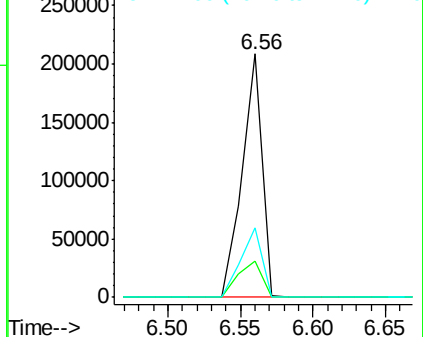
71 28.4 14.2 21.2#



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: 8.24 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

Tgt Ion: 136 Resp: 565157

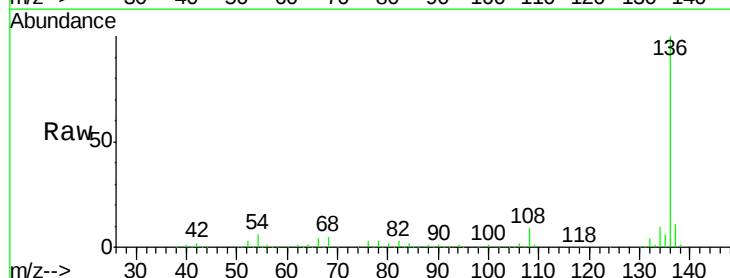
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.5 8.2 12.2#

68 4.6 5.8 8.6#

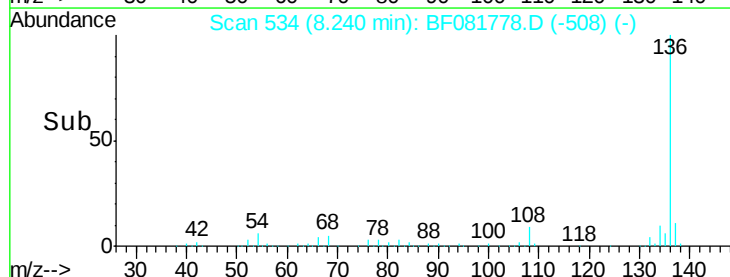
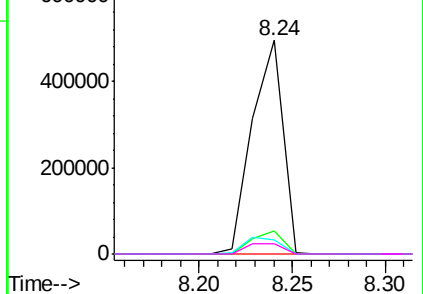


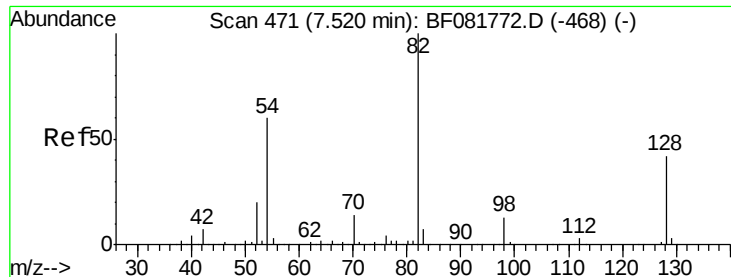
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.02 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-CS-8

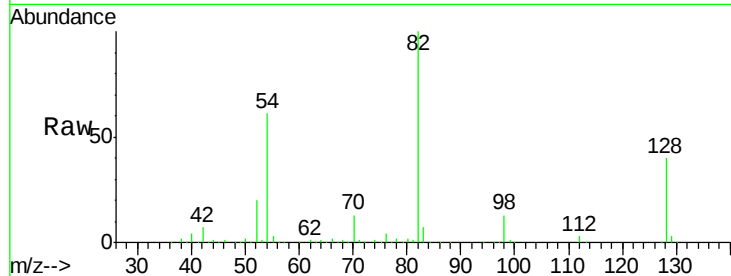
Tgt Ion: 82 Resp: 762491

Ion Ratio Lower Upper

82 100

128 39.8 51.0 76.6#

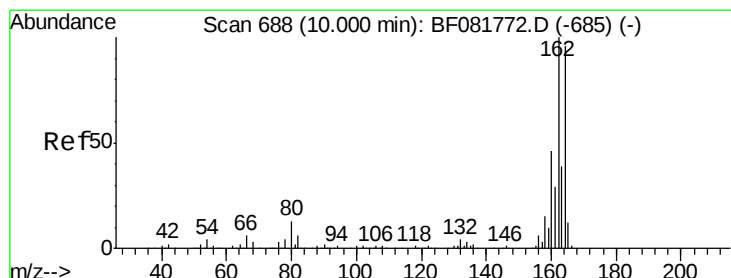
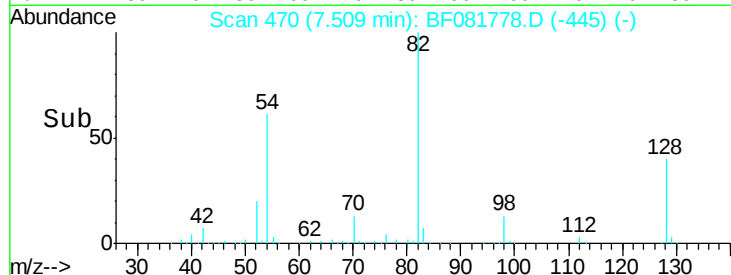
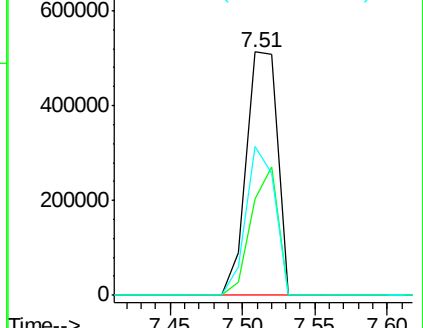
54 61.1 47.5 71.3



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: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

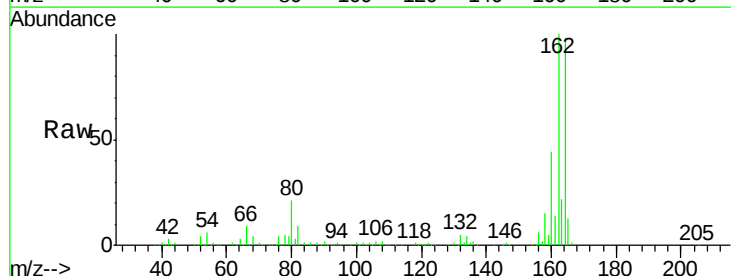
Tgt Ion: 164 Resp: 288965

Ion Ratio Lower Upper

164 100

162 101.7 75.2 112.8

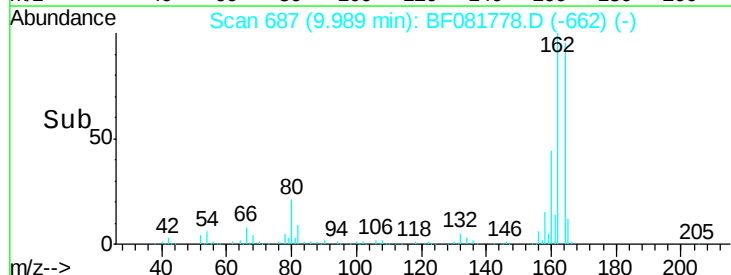
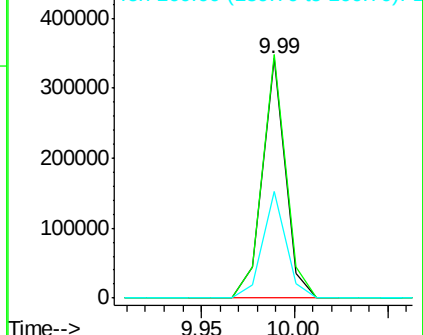
160 44.5 31.5 47.3

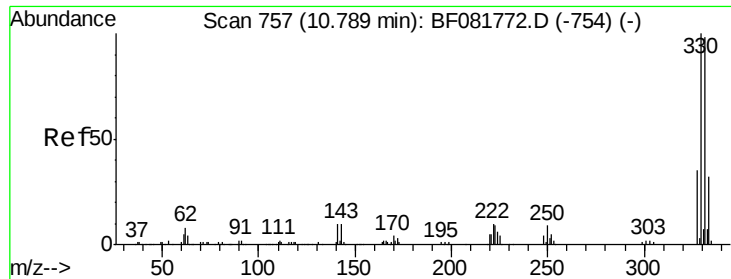


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

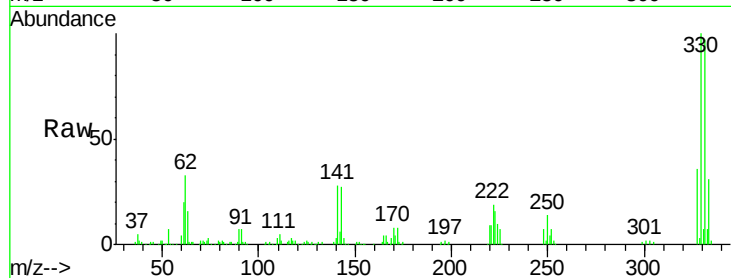




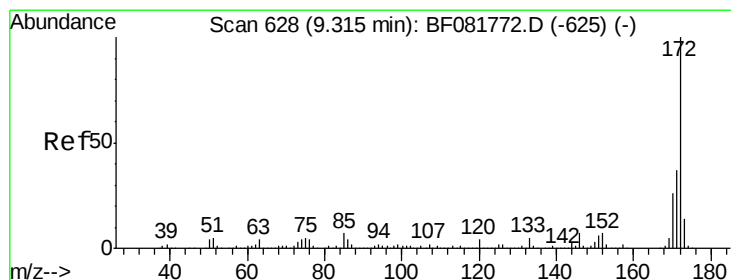
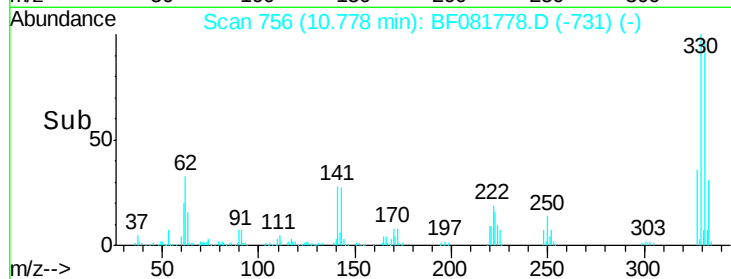
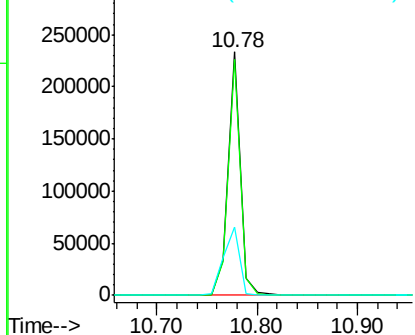
#41
 2,4,6-Tribromophenol
 Concen: 79.20 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081778.D
 Acq: 24 Sep 2015 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-CS-8

Tgt Ion:330 Resp: 198700
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 36.6 29.7 44.5

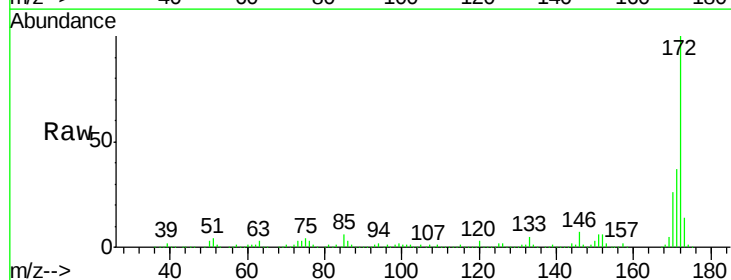


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

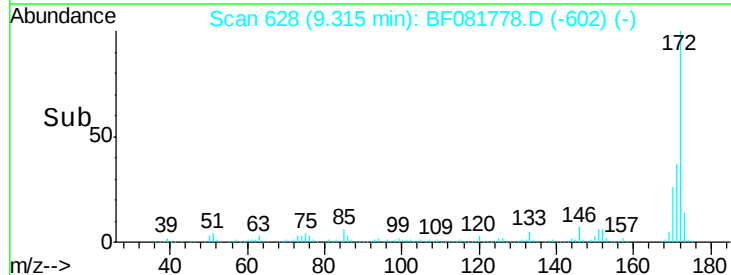
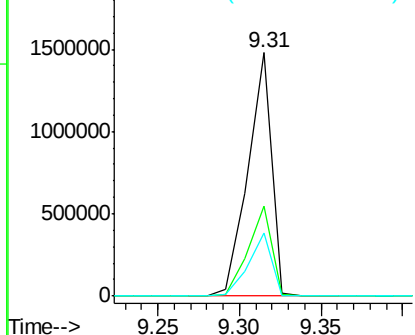


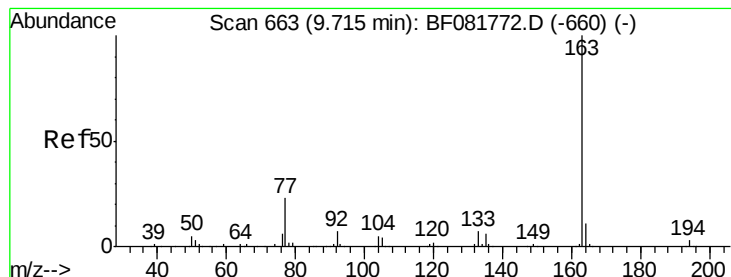
#44
 2-Fluorobiphenyl
 Concen: 84.40 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081778.D
 Acq: 24 Sep 2015 22:30

Tgt Ion:172 Resp: 1485718
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.7 17.4 26.2



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: 3.60 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-CS-8

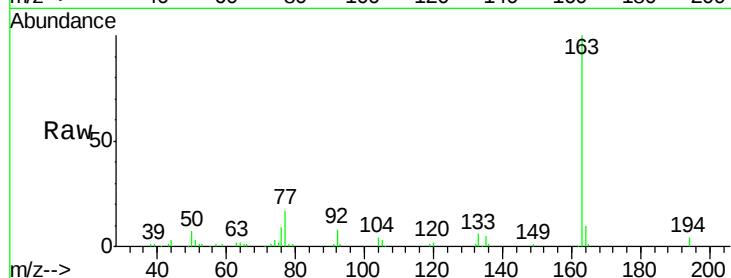
Tgt Ion:163 Resp: 79243

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

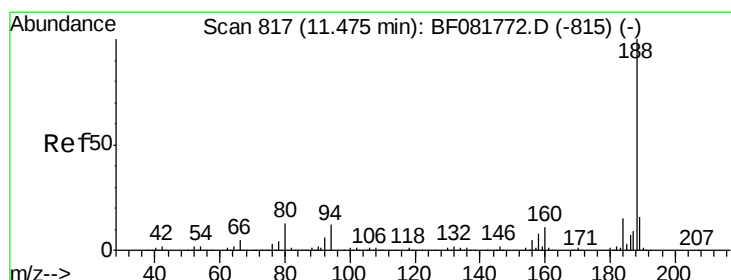
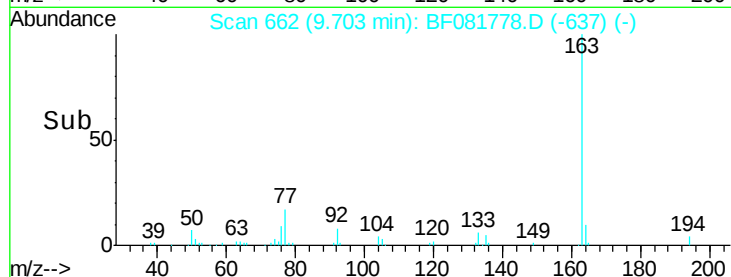
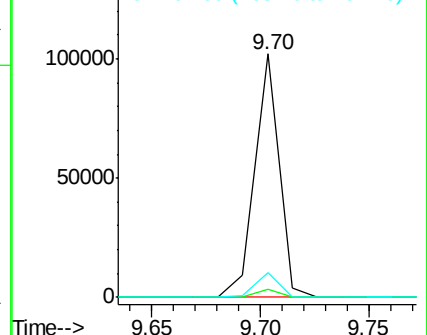
164 10.3 8.3 12.5



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: 11.47 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

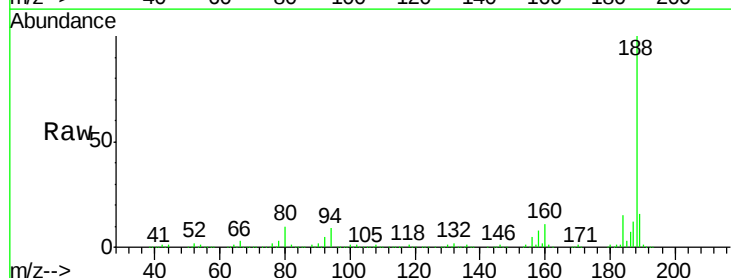
Tgt Ion:188 Resp: 561375

Ion Ratio Lower Upper

188 100

94 9.3 11.1 16.7#

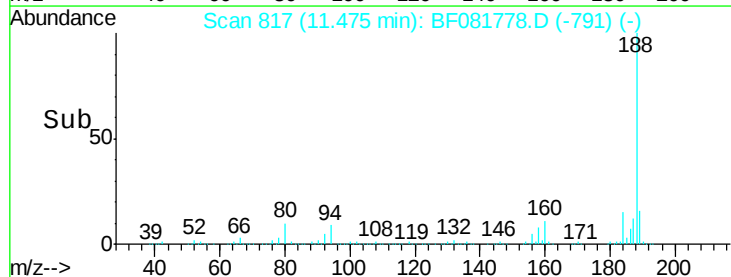
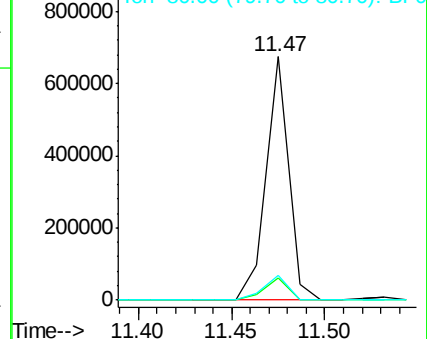
80 10.0 11.0 16.4#

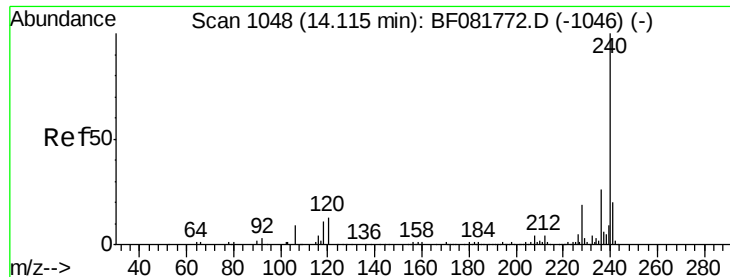


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-CS-8

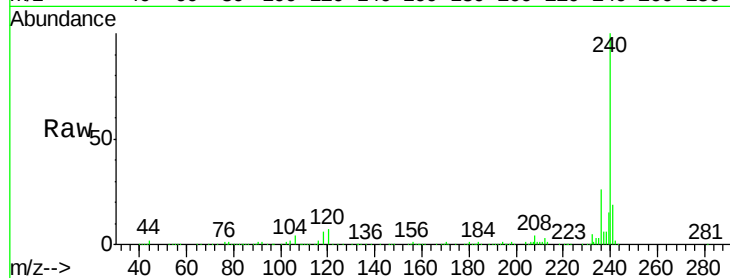
Tgt Ion:240 Resp: 451122

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

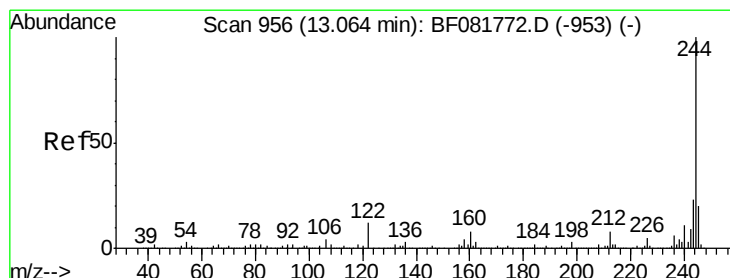
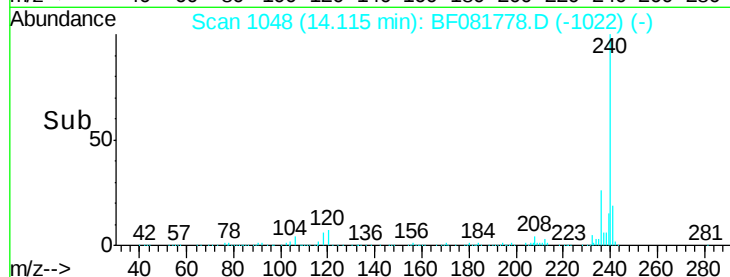
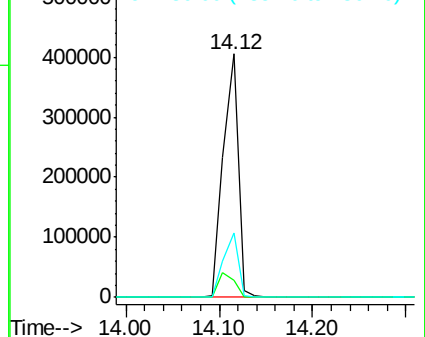
236 26.4 18.4 27.6



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: 70.51 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081778.D

Acq: 24 Sep 2015 22:30

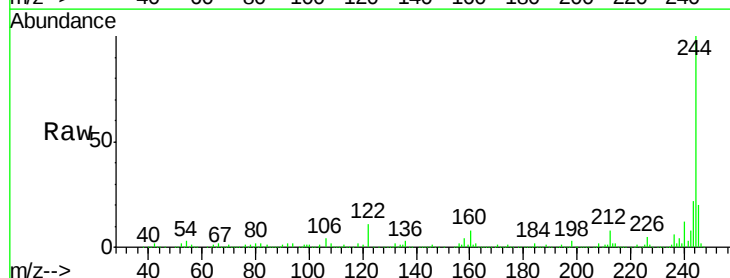
Tgt Ion:244 Resp: 1392543

Ion Ratio Lower Upper

244 100

212 8.4 4.3 6.5#

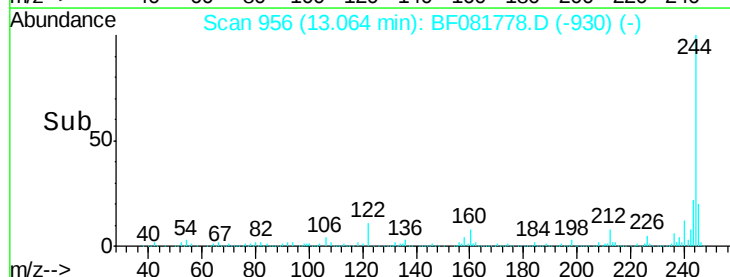
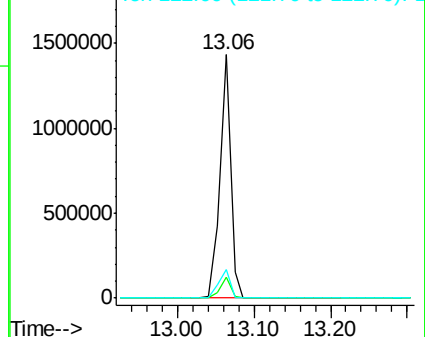
122 11.5 17.4 26.2#

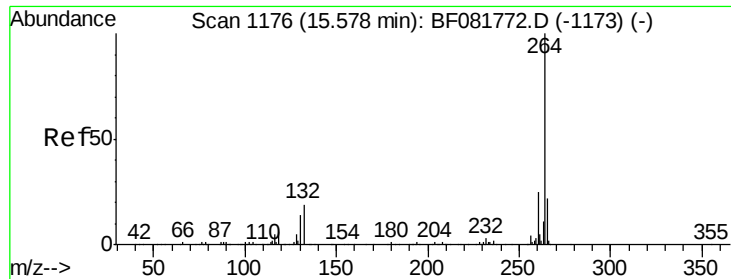


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF081778.D
Acq: 24 Sep 2015 22:30

Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-CS-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.5	17.2	25.8

