

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
 Data File : BF081227.D
 Acq On : 26 Aug 2015 22:50
 Operator : UM/IZ
 Sample : G3433-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES EFFLUENT CS-2

Quant Time: Aug 27 01:25:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	47347	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	170239	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	84461	20.00	ng	-0.04
63) Phenanthrene-d10	11.01	188	162205	20.00	ng	-0.04
75) Chrysene-d12	13.62	240	141990	20.00	ng	-0.04
86) Perylene-d12	14.95	264	104620	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	112344	35.69	ng	-0.02
7) Phenol-d6	6.16	99	97375	23.71	ng	-0.04
23) Nitrobenzene-d5	7.09	82	324392	87.05	ng	-0.04
41) 2,4,6-Tribromophenol	10.32	330	56474	77.14	ng	-0.04
44) 2-Fluorobiphenyl	8.88	172	526497	81.68	ng	-0.02
78) Terphenyl-d14	12.59	244	447470	67.56	ng	-0.04

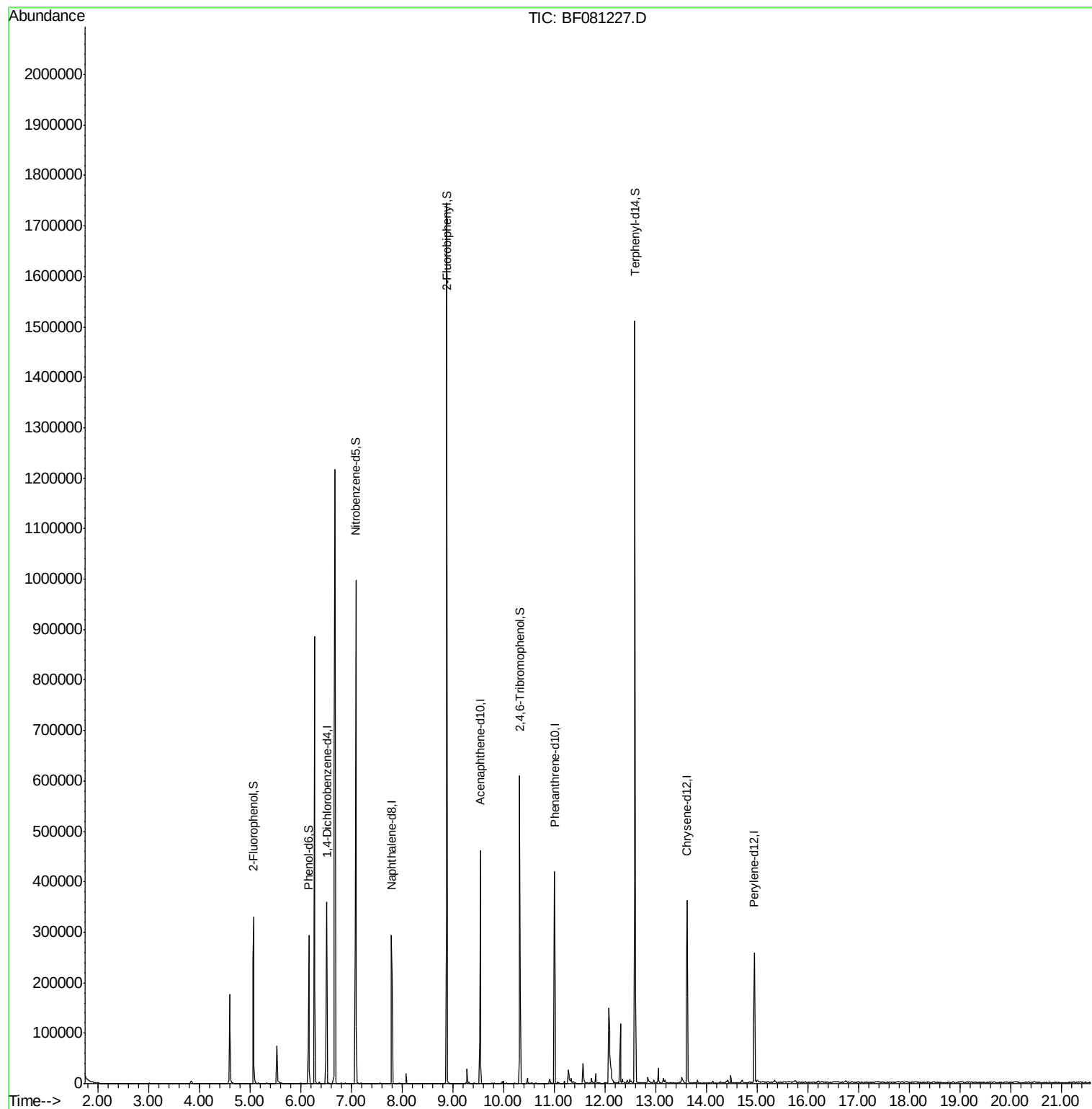
Target Compounds	Qvalue
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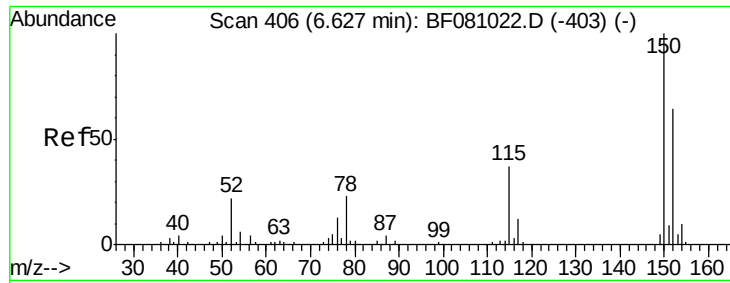
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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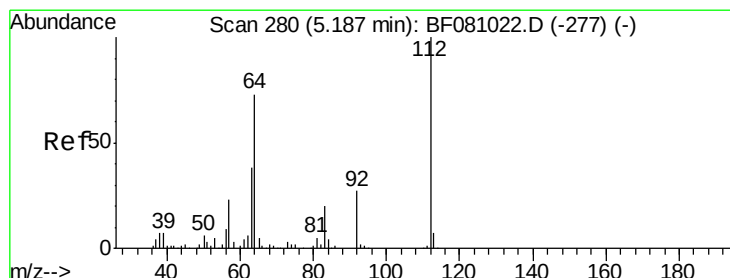
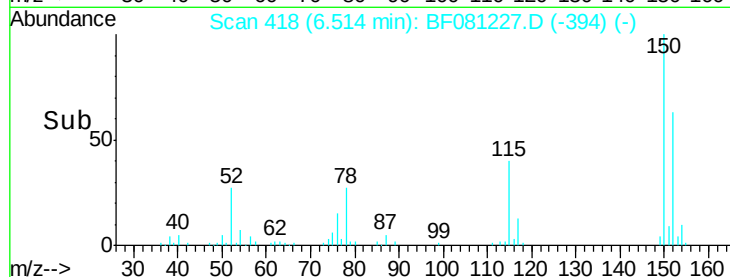
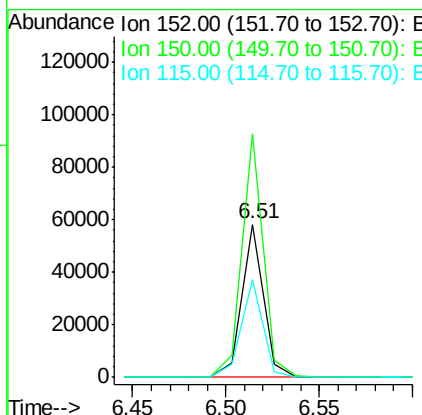
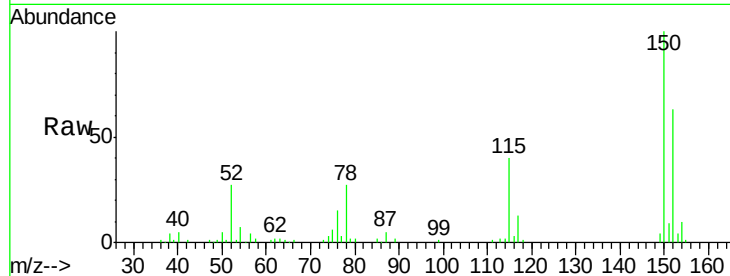




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF081227.D
 Acq: 26 Aug 2015 22:50

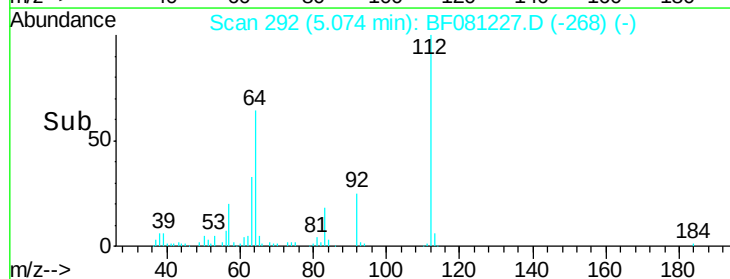
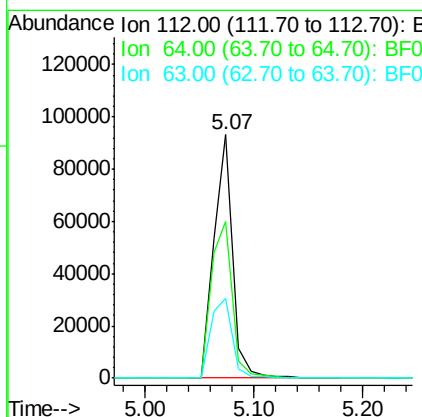
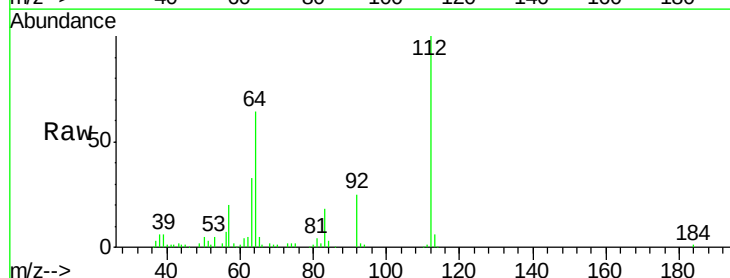
Instrument :
 BNA_F
 ClientSampleId :
 SES EFFLUENT CS-2

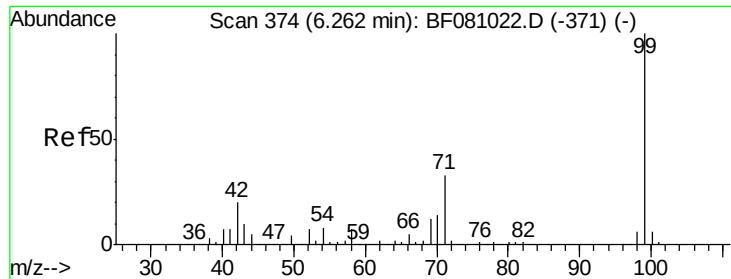
Tgt Ion:152 Resp: 47347
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.8 185.6
 115 63.8 52.1 78.1



#5
 2-Fluorophenol
 Concen: 35.69 ng
 RT: 5.07 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF081227.D
 Acq: 26 Aug 2015 22:50

Tgt Ion:112 Resp: 112344
 Ion Ratio Lower Upper
 112 100
 64 64.2 66.9 100.3#
 63 32.9 38.1 57.1#





#7

Phenol-d6

Concen: 23.71 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.04 min

Lab File: BF081227.D

Acq: 26 Aug 2015 22:50

Instrument :

BNA_F

ClientSampleId :

SES EFFLUENT CS-2

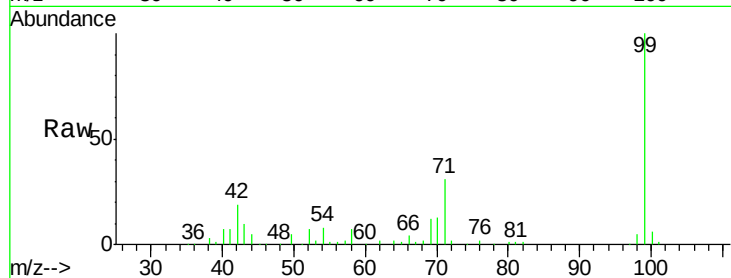
Tgt Ion: 99 Resp: 97375

Ion Ratio Lower Upper

99 100

42 18.8 19.6 29.4#

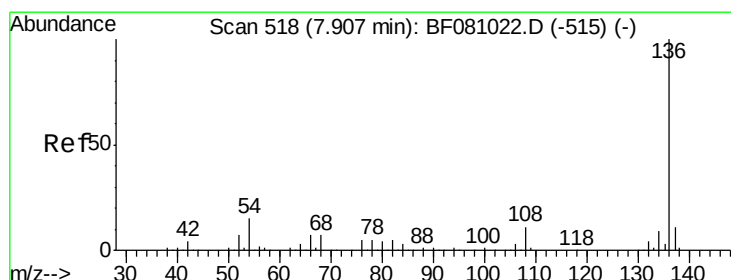
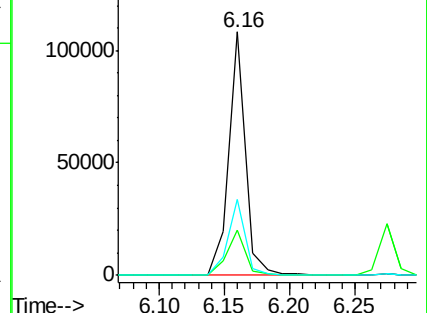
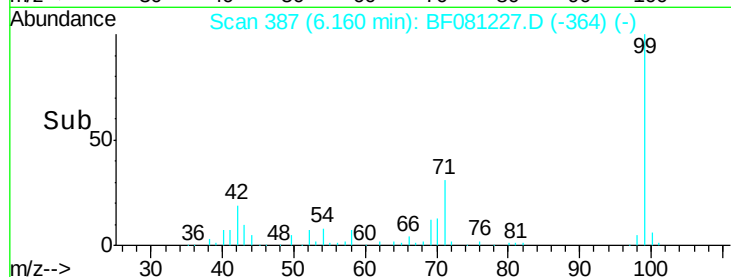
71 31.4 31.2 46.8



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: 7.79 min Scan# 530

Delta R.T. -0.04 min

Lab File: BF081227.D

Acq: 26 Aug 2015 22:50

Tgt Ion: 136 Resp: 170239

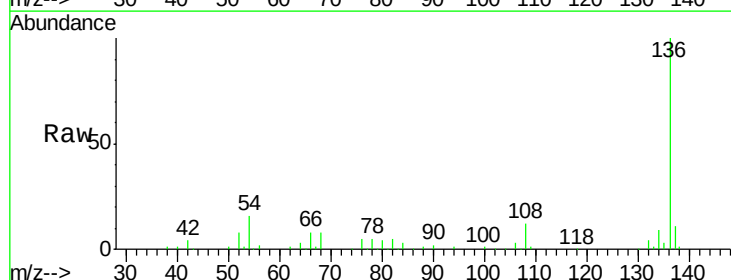
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 15.7 7.7 11.5#

68 8.4 3.4 5.2#

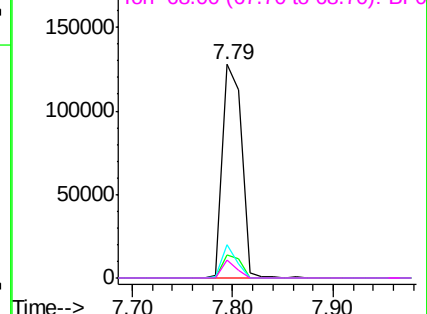
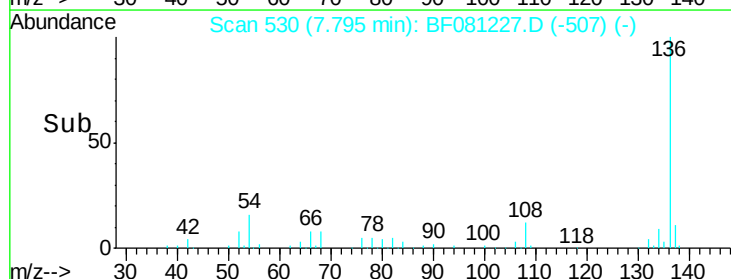


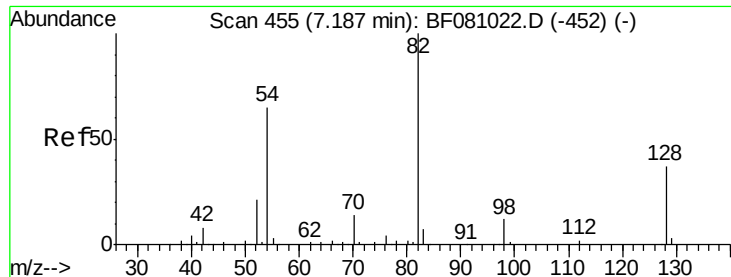
Abundance Ion 136.00 (135.70 to 136.70): E

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

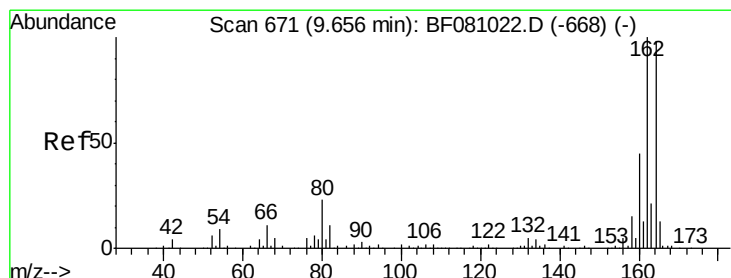
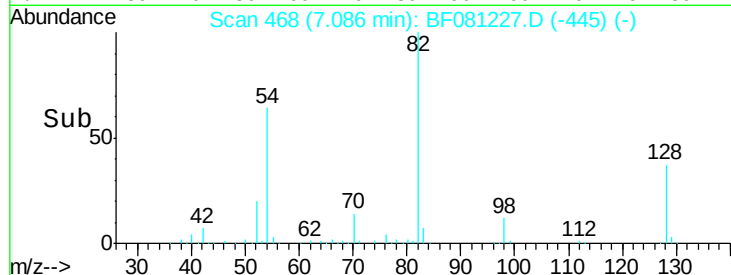
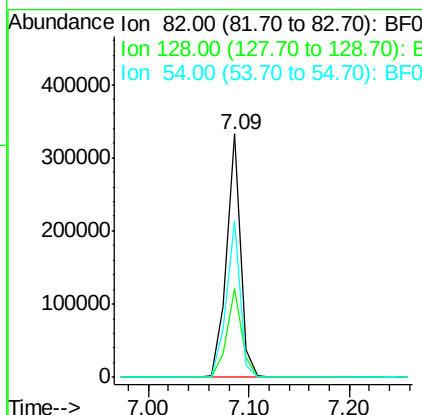
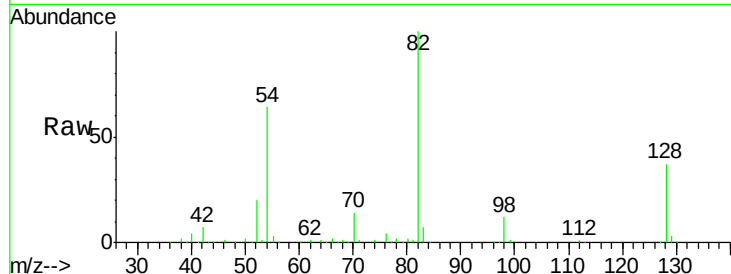




#23
 Nitrobenzene-d5
 Concen: 87.05 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081227.D
 Acq: 26 Aug 2015 22:50

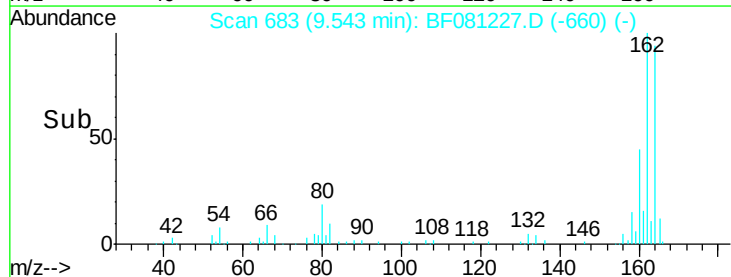
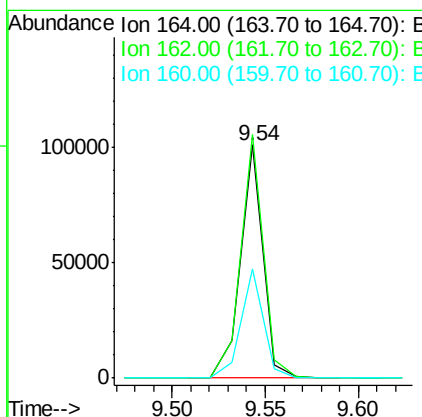
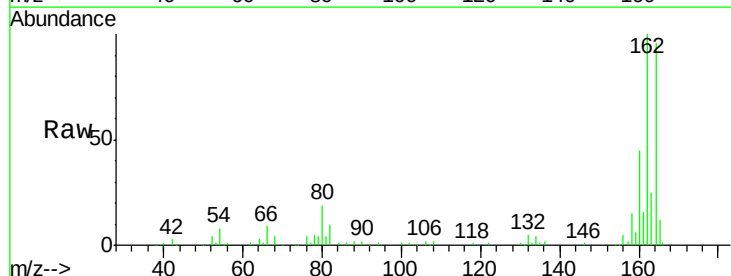
Instrument :
 BNA_F
 ClientSampleId :
 SES EFFLUENT CS-2

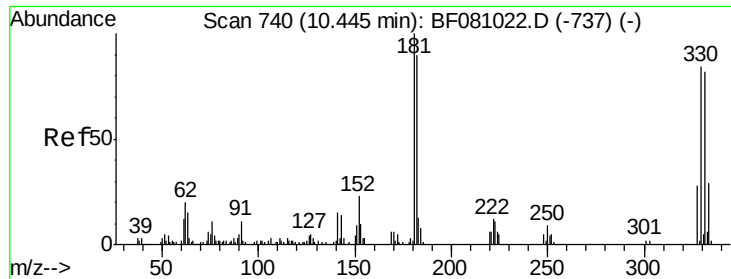
Tgt Ion: 82 Resp: 324392
 Ion Ratio Lower Upper
 82 100
 128 36.6 28.6 42.8
 54 64.5 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081227.D
 Acq: 26 Aug 2015 22:50

Tgt Ion: 164 Resp: 84461
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.8 125.8
 160 46.9 39.8 59.8

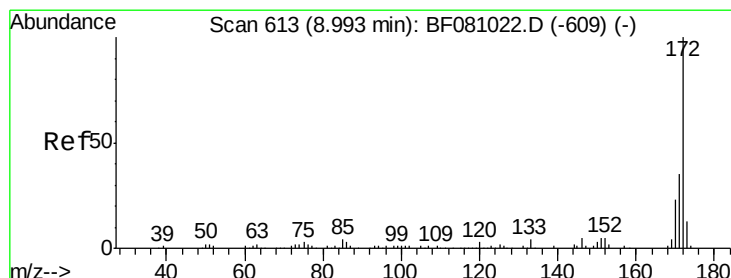
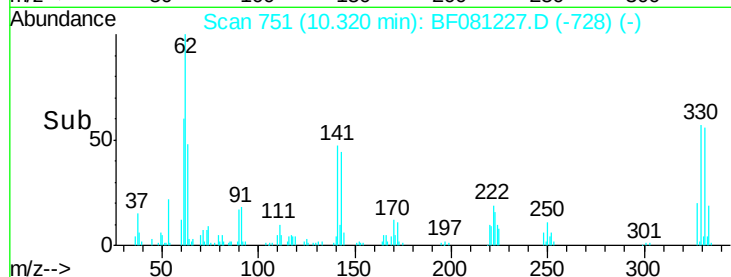
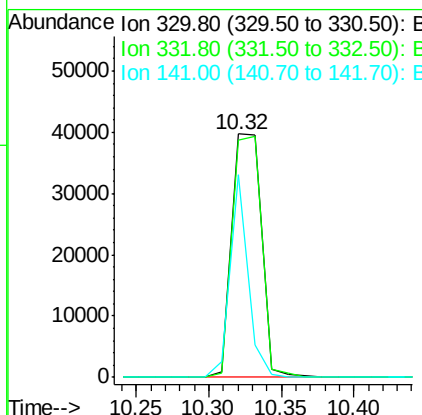
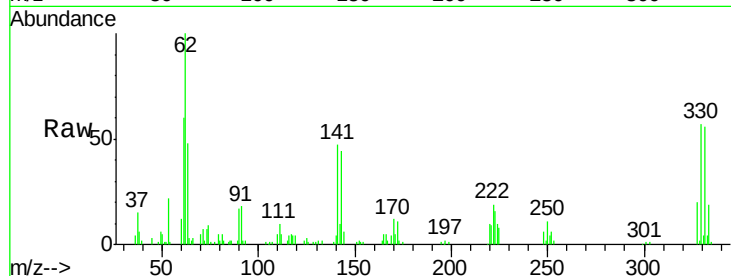




#41
 2,4,6-Tribromophenol
 Concen: 77.14 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.04 min
 Lab File: BF081227.D
 Acq: 26 Aug 2015 22:50

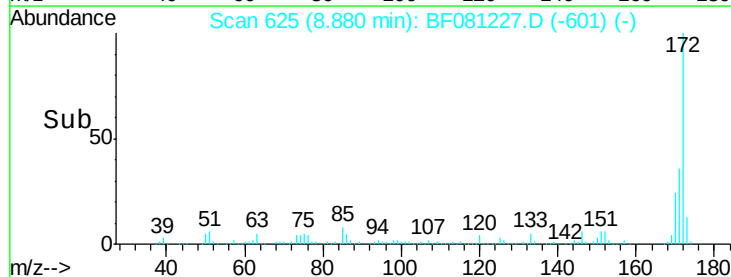
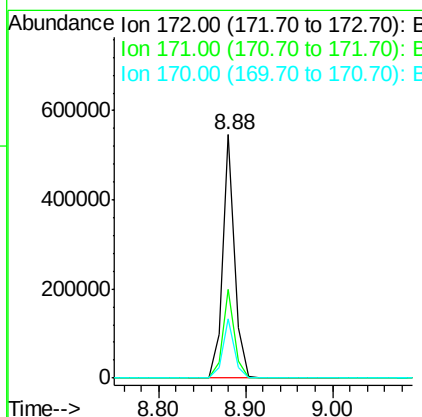
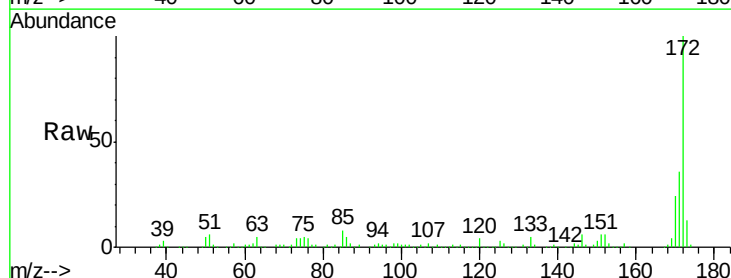
Instrument :
 BNA_F
 ClientSampleId :
 SES EFFLUENT CS-2

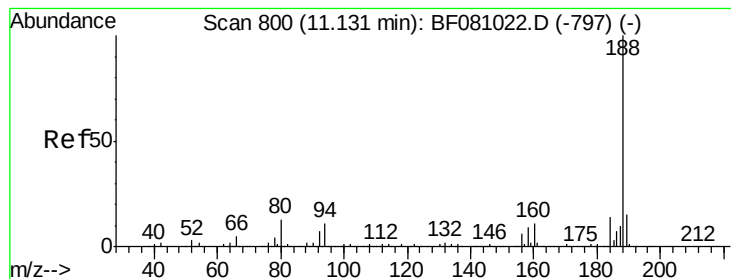
Tgt Ion:330 Resp: 56474
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 50.1 44.9 67.3



#44
 2-Fluorobiphenyl
 Concen: 81.68 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081227.D
 Acq: 26 Aug 2015 22:50

Tgt Ion:172 Resp: 526497
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.4 19.4 29.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.01 min Scan# 811

Delta R.T. -0.04 min

Lab File: BF081227.D

Acq: 26 Aug 2015 22:50

Instrument :

BNA_F

ClientSampleId :

SES EFFLUENT CS-2

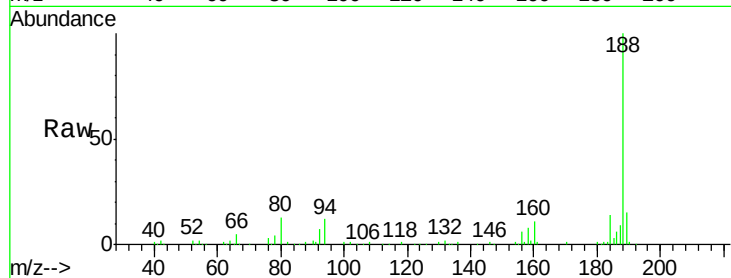
Tgt Ion:188 Resp: 162205

Ion Ratio Lower Upper

188 100

94 11.8 8.2 12.2

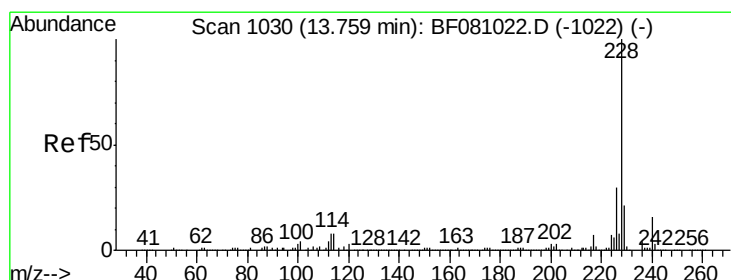
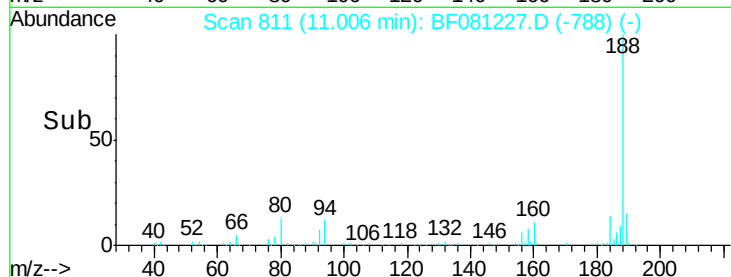
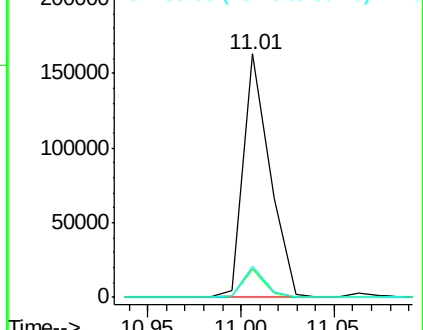
80 13.0 9.5 14.3



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: 13.62 min Scan# 1040

Delta R.T. -0.04 min

Lab File: BF081227.D

Acq: 26 Aug 2015 22:50

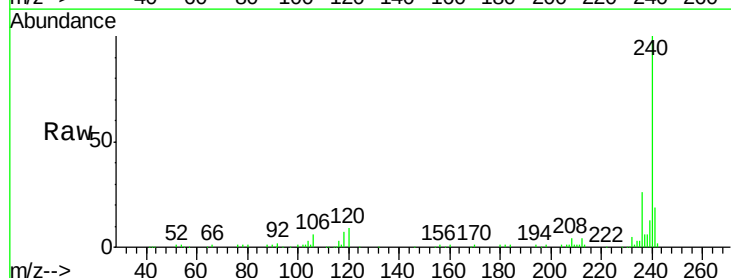
Tgt Ion:240 Resp: 141990

Ion Ratio Lower Upper

240 100

120 9.1 5.6 8.4#

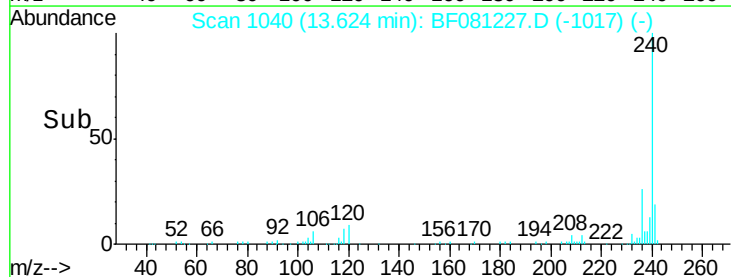
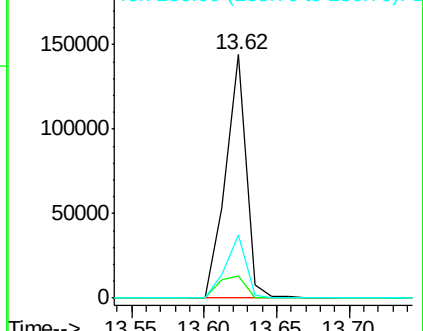
236 26.1 20.6 30.8

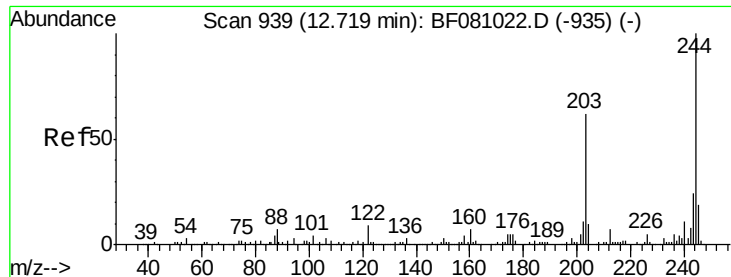


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.56 ng

RT: 12.59 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081227.D

Acq: 26 Aug 2015 22:50

Instrument :

BNA_F

ClientSampleId :

SES EFFLUENT CS-2

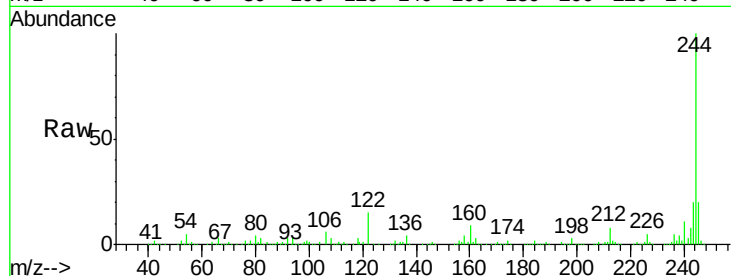
Tgt Ion:244 Resp: 447470

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

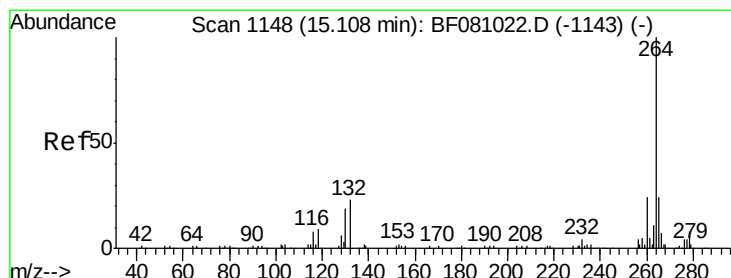
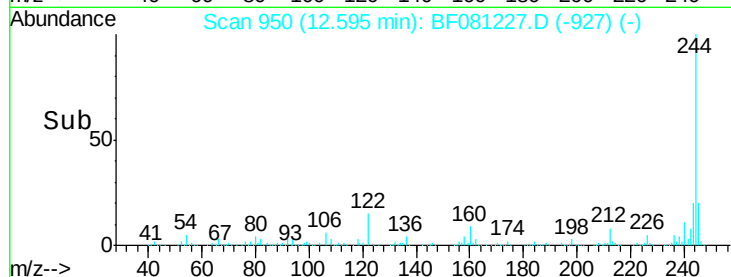
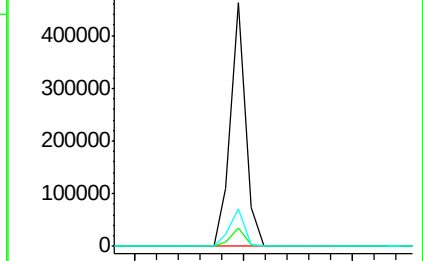
122 15.2 8.2 12.4#



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: 14.95 min Scan# 1156

Delta R.T. -0.04 min

Lab File: BF081227.D

Acq: 26 Aug 2015 22:50

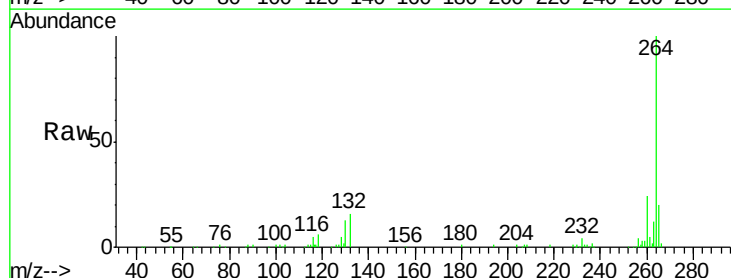
Tgt Ion:264 Resp: 104620

Ion Ratio Lower Upper

264 100

260 23.9 19.6 29.4

265 20.4 17.5 26.3



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

