

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081388.D
 Acq On : 3 Sep 2015 21:19
 Operator : UM/IZ
 Sample : G3516-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-CS-4

Quant Time: Sep 04 02:07:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

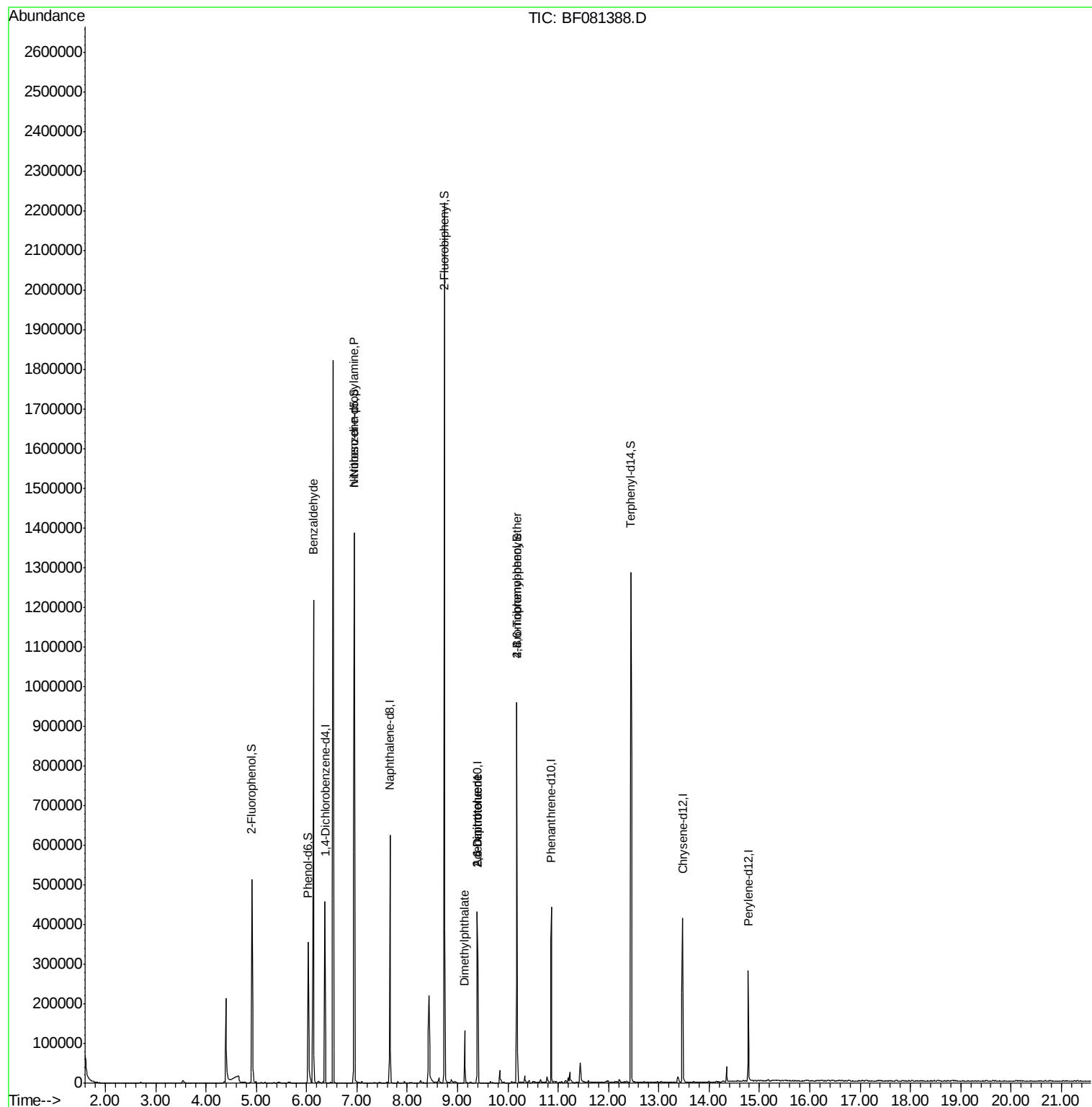
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	63274	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	248995	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	112021	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	229063	20.00	ng	0.00
75) Chrysene-d12	13.47	240	178753	20.00	ng	0.00
86) Perylene-d12	14.78	264	108761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	140805	34.53	ng	0.00
7) Phenol-d6	6.03	99	118444	21.94	ng	-0.01
23) Nitrobenzene-d5	6.95	82	475566	92.15	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	82305	82.52	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	698802	79.94	ng	-0.01
78) Terphenyl-d14	12.44	244	513121	66.82	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.14	77	7449	2.20	ng	# 62
19) n-Nitroso-di-n-propylamine	6.95	70	64354	17.52	ng	# 63
49) Dimethylphthalate	9.14	163	50199	5.77	ng	# 96
50) 2,6-Dinitrotoluene	9.39	165	13951	7.06	ng	# 37
56) 2,4-Dinitrotoluene	9.39	165	13951	5.55	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	6843	2.95	ng	# 1

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

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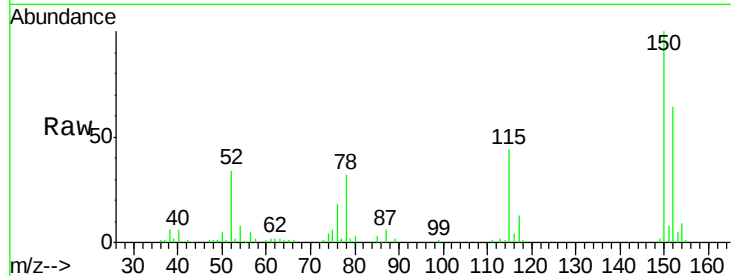


#1

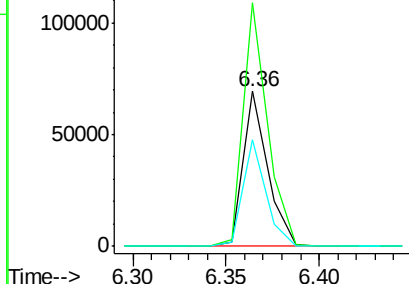
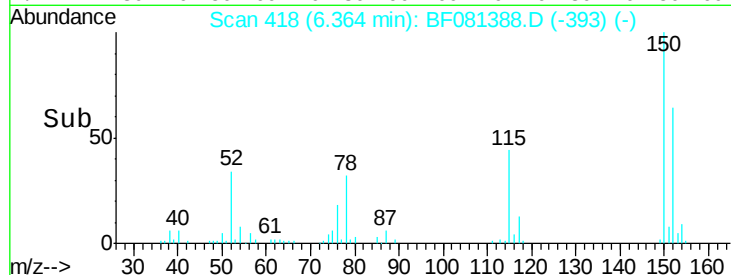
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081388.D
Acq: 3 Sep 2015 21:19

Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-CS-4

Tot Ion:152 Resp: 63274
Ion Ratio Lower Upper
152 100
150 157.0 124.7 187.1
115 68.9 39.0 58.4#



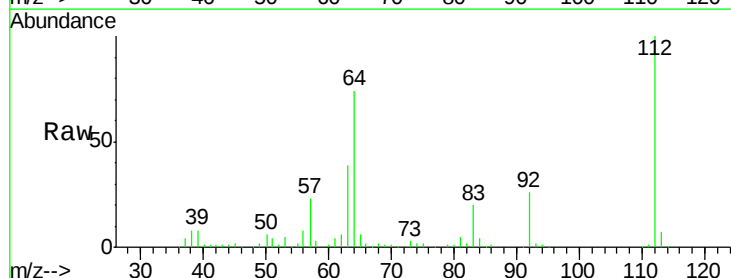
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



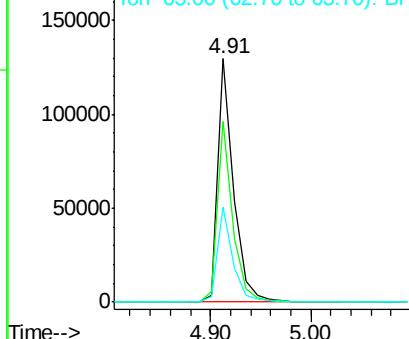
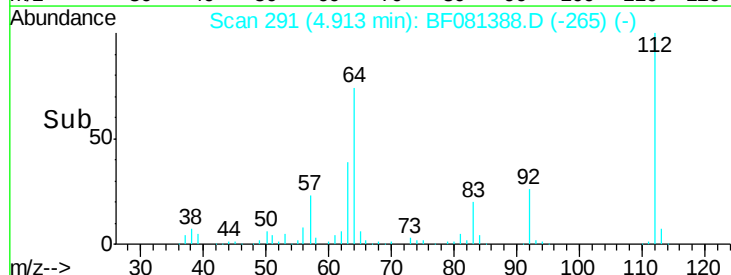
#5

2-Fluorophenol
Concen: 34.53 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.00 min
Lab File: BF081388.D
Acq: 3 Sep 2015 21:19

Tgt Ion:112 Resp: 140805
Ion Ratio Lower Upper
112 100
64 74.3 39.7 59.5#
63 39.3 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: 21.94 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081388.D

Acq: 3 Sep 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-CS-4

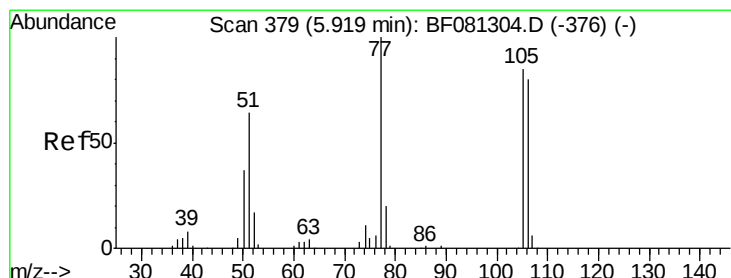
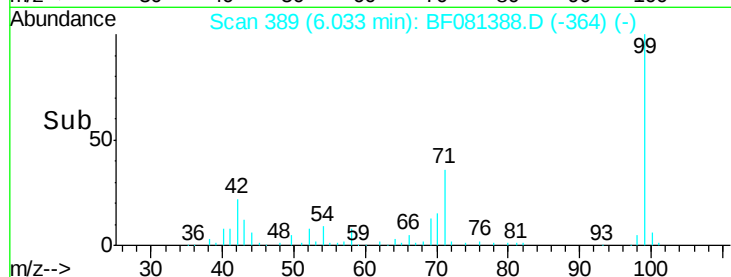
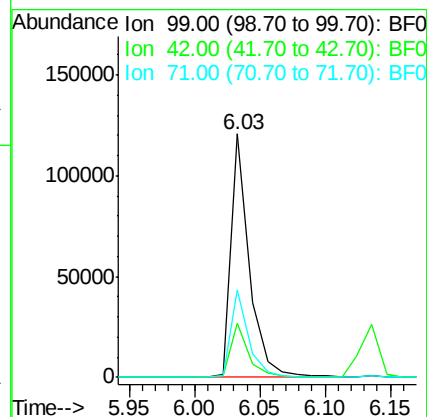
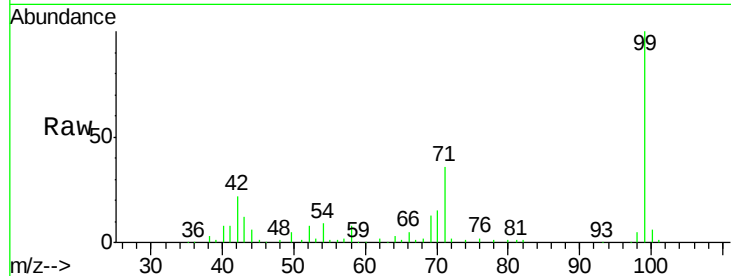
Tot Ion: 99 Resp: 118444

Ion Ratio Lower Upper

99 100

42 22.1 13.7 20.5#

71 35.7 14.2 21.2#



#9

Benzaldehyde

Concen: 2.20 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.23 min

Lab File: BF081388.D

Acq: 3 Sep 2015 21:19

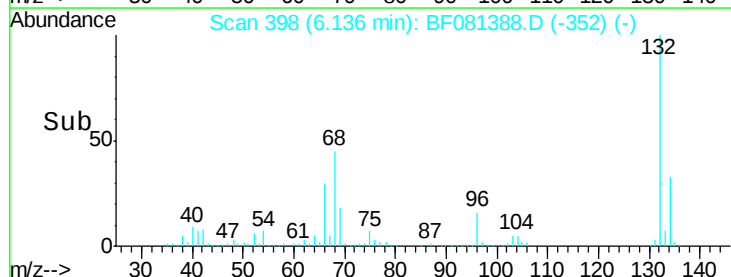
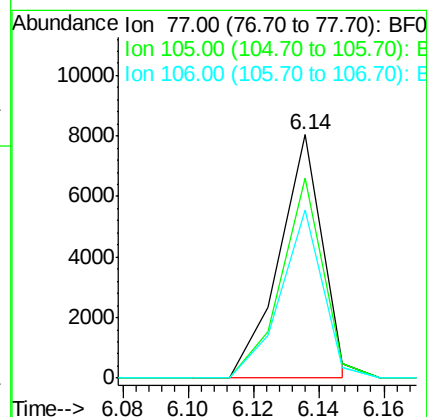
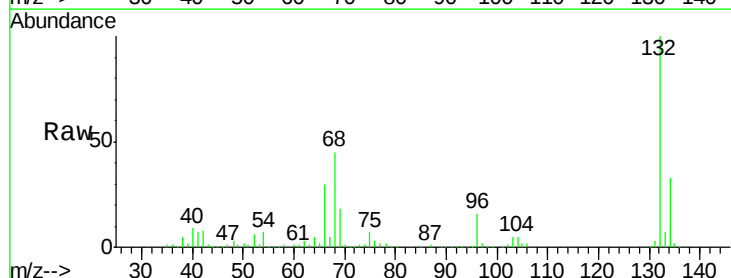
Tgt Ion: 77 Resp: 7449

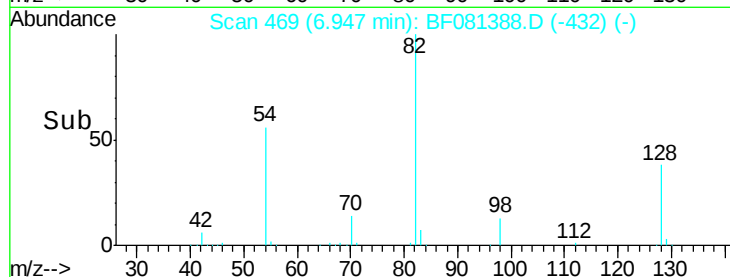
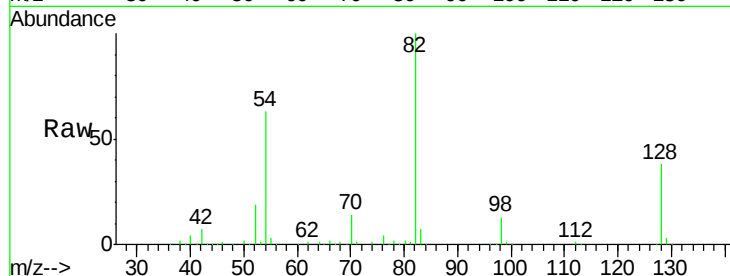
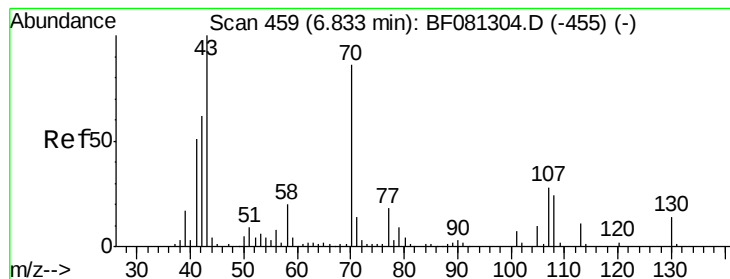
Ion Ratio Lower Upper

77 100

105 82.0 91.6 131.6#

106 68.9 102.6 142.6#





#19

n-Nitroso-di-n-propylamine

Concen: 17.52 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081388.D

Acq: 3 Sep 2015 21:19

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-CS-4

Tot Ion: 70 Resp: 64354

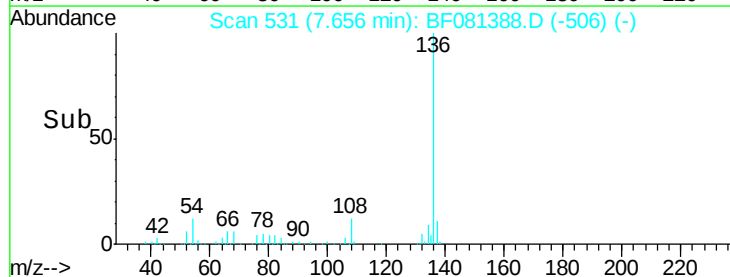
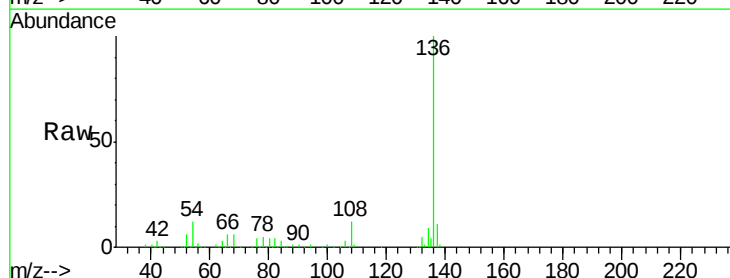
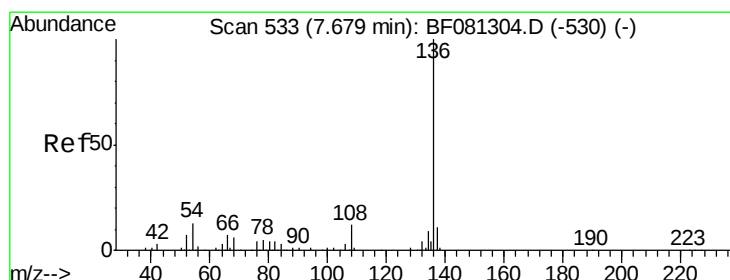
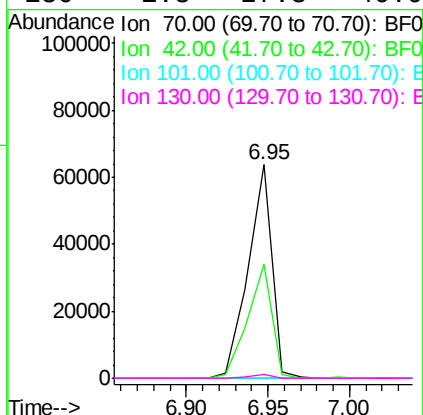
Ion Ratio Lower Upper

70 100

42 53.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081388.D

Acq: 3 Sep 2015 21:19

Tgt Ion: 136 Resp: 248995

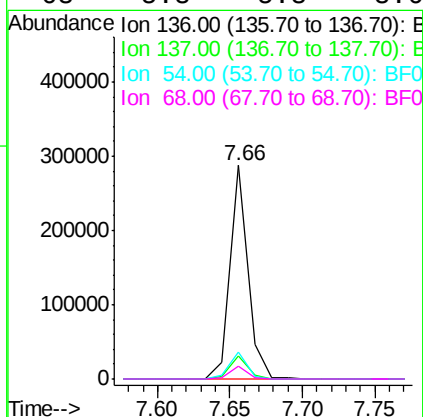
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 12.4 8.2 12.2#

68 5.8 5.8 8.6

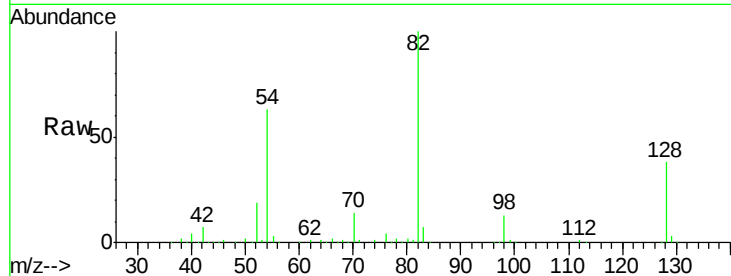




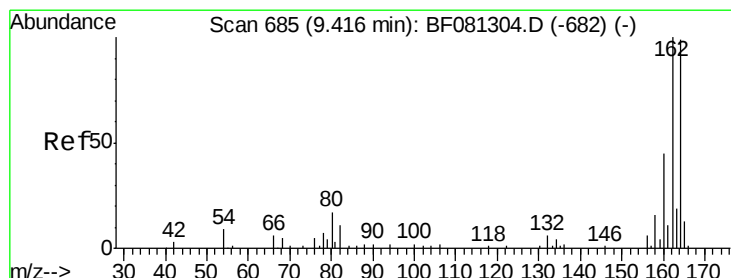
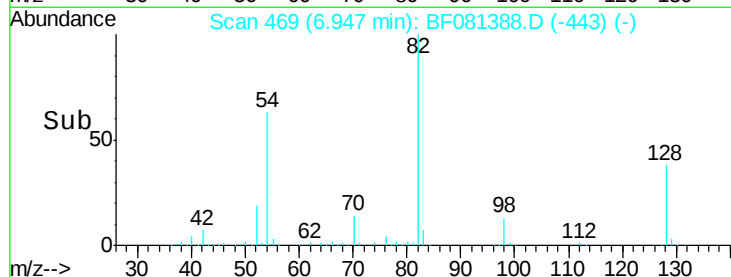
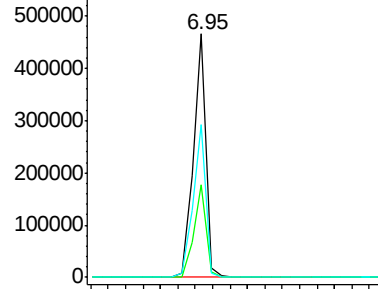
#23
 Nitrobenzene-d5
 Concen: 92.15 ng
 RT: 6.95 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF081388.D
 Acq: 3 Sep 2015 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-CS-4

Tot Ion: 82 Resp: 475566
 Ion Ratio Lower Upper
 82 100
 128 38.1 51.0 76.6#
 54 62.6 47.5 71.3

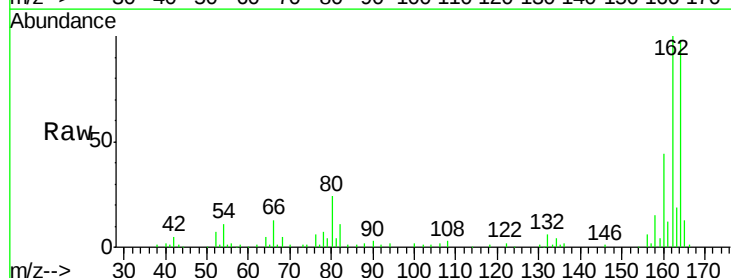


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

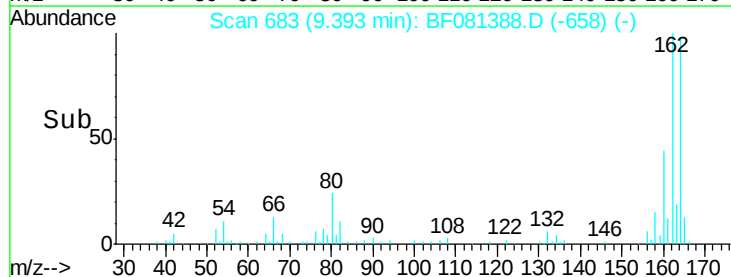
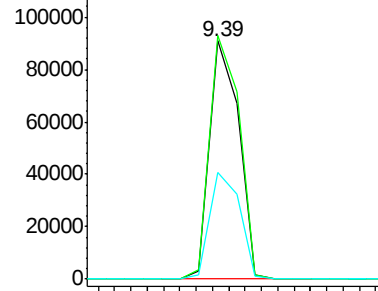


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081388.D
 Acq: 3 Sep 2015 21:19

Tgt Ion:164 Resp: 112021
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 44.9 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

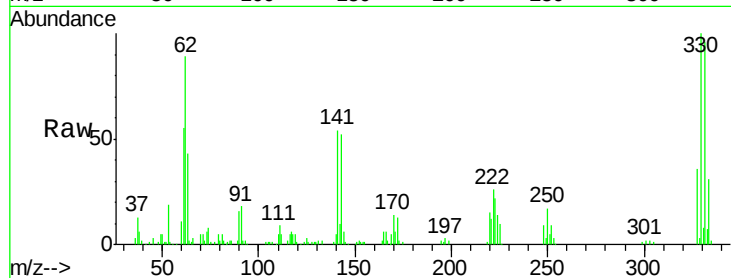




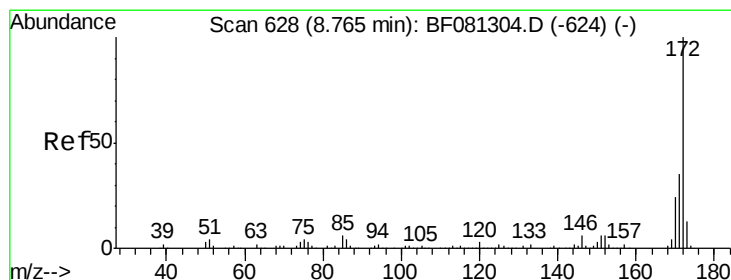
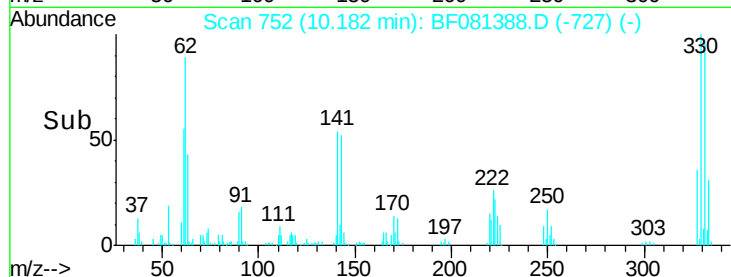
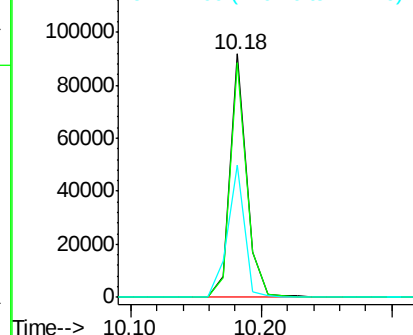
#41
 2,4,6-Tribromophenol
 Concen: 82.52 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF081388.D
 Acq: 3 Sep 2015 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-CS-4

Tot Ion:330 Resp: 82305
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 54.9 29.7 44.5#

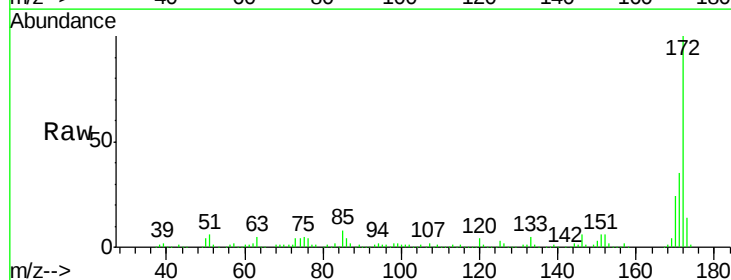


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

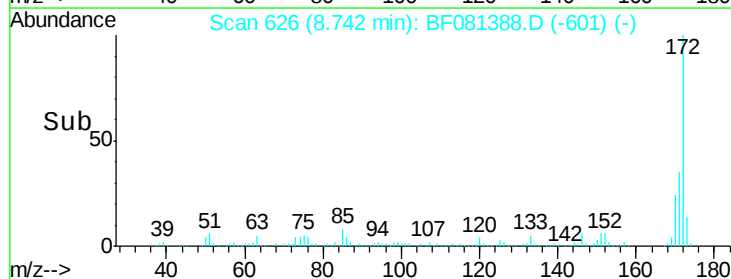
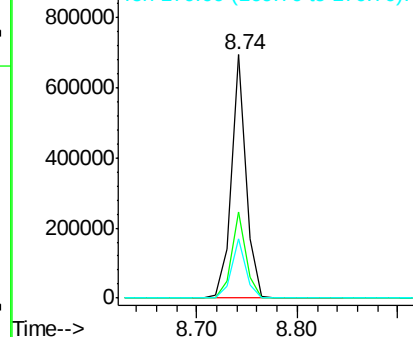


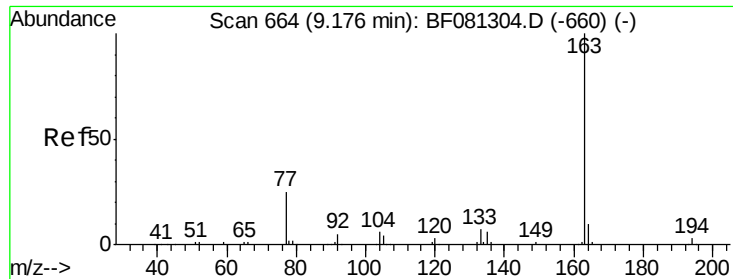
#44
 2-Fluorobiphenyl
 Concen: 79.94 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081388.D
 Acq: 3 Sep 2015 21:19

Tgt Ion:172 Resp: 698802
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 24.1 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

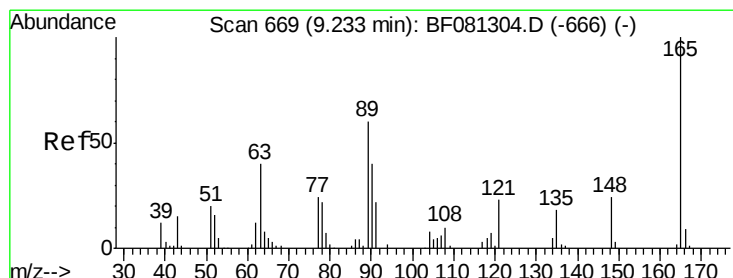
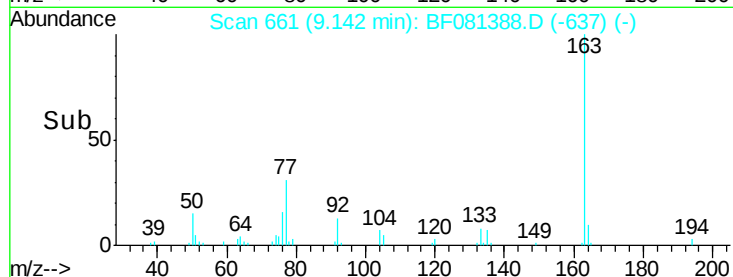
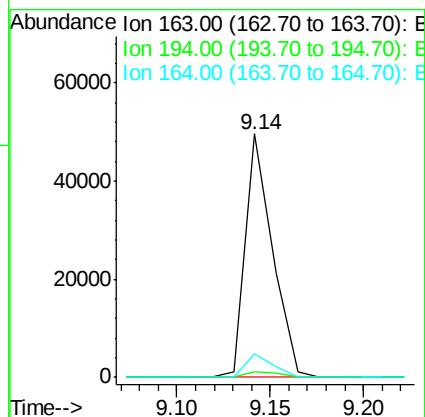
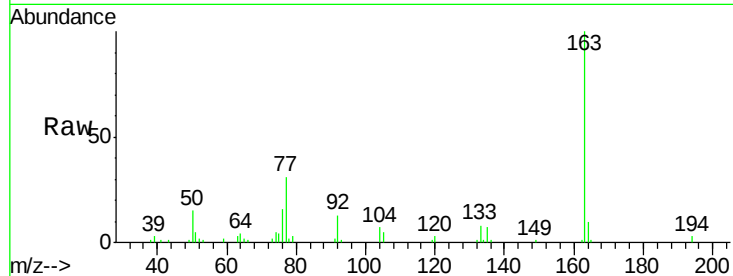




#49
Dimethylphthalate
Concen: 5.77 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081388.D
Acq: 3 Sep 2015 21:19

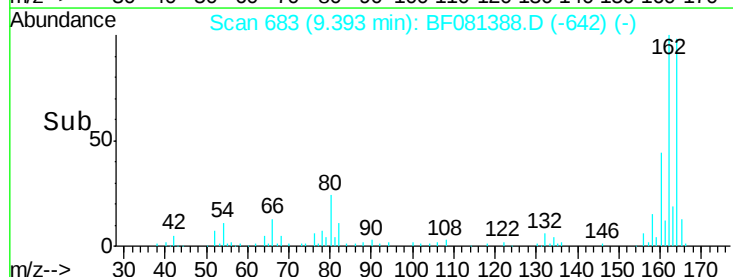
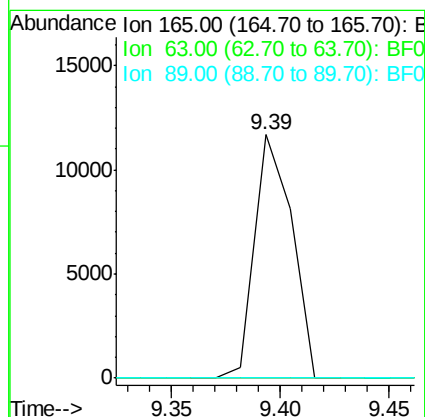
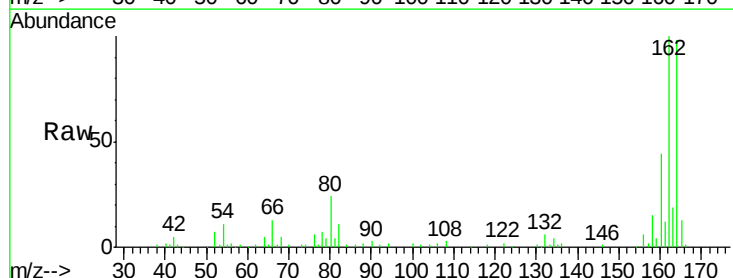
Instrument :
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SES-EFFLUENT-CS-4

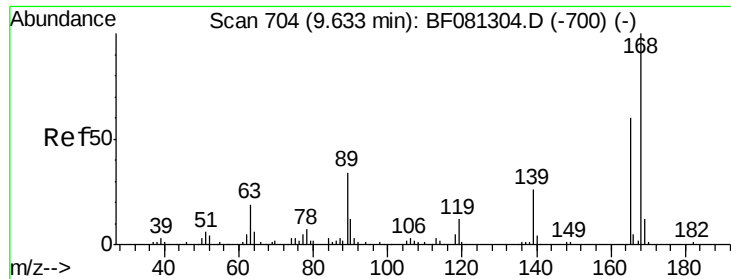
Tot Ion:163 Resp: 50199
Ion Ratio Lower Upper
163 100
194 2.5 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 7.06 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.17 min
Lab File: BF081388.D
Acq: 3 Sep 2015 21:19

Tgt Ion:165 Resp: 13951
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#

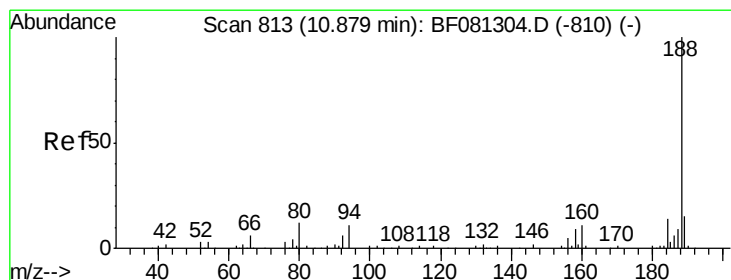
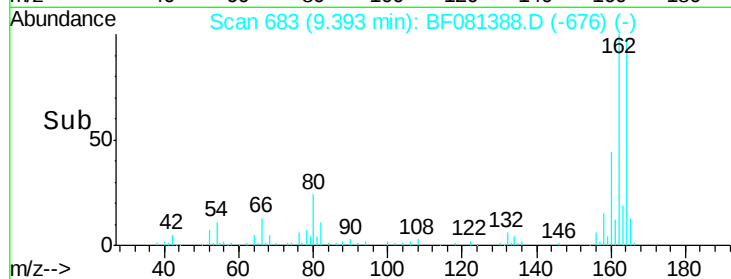
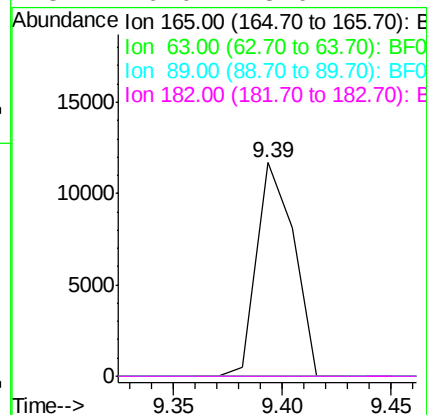
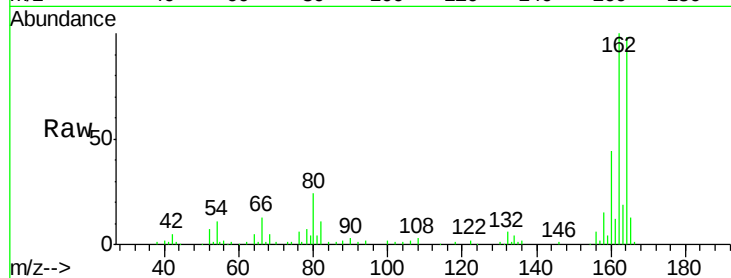




#56
 2,4-Dinitrotoluene
 Concen: 5.55 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF081388.D
 Acq: 3 Sep 2015 21:19

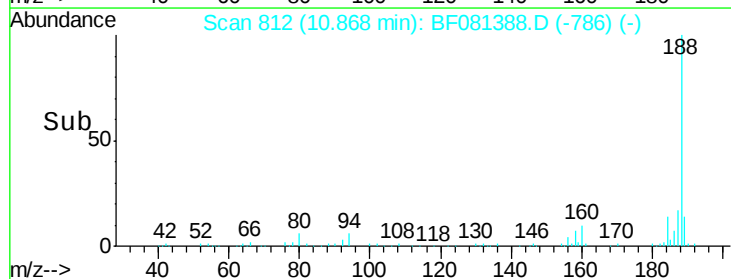
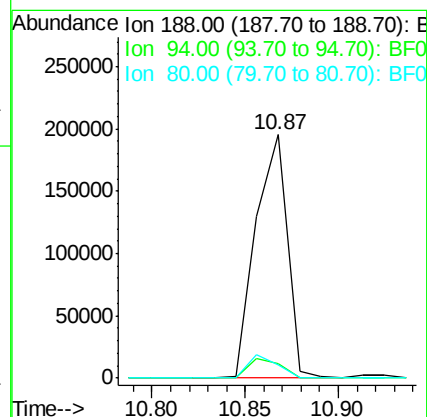
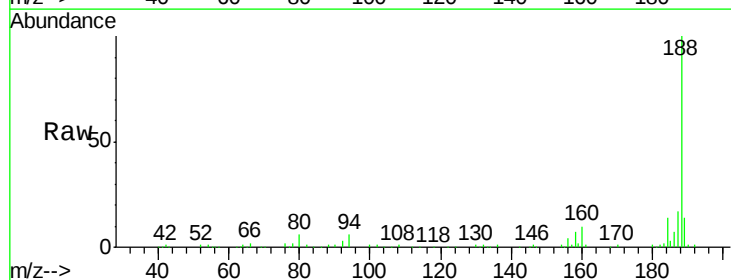
Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-CS-4

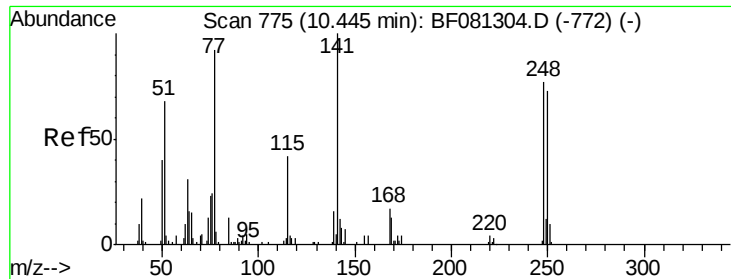
Tot Ion:	165	Resp:	13951
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF081388.D
 Acq: 3 Sep 2015 21:19

Tgt Ion:	188	Resp:	229063
Ion	Ratio	Lower	Upper
188	100		
94	5.7	11.1	16.7#
80	5.6	11.0	16.4#

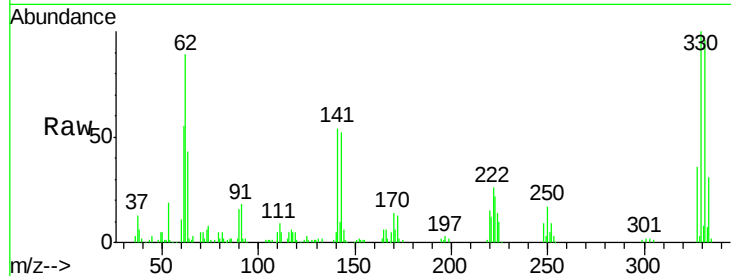




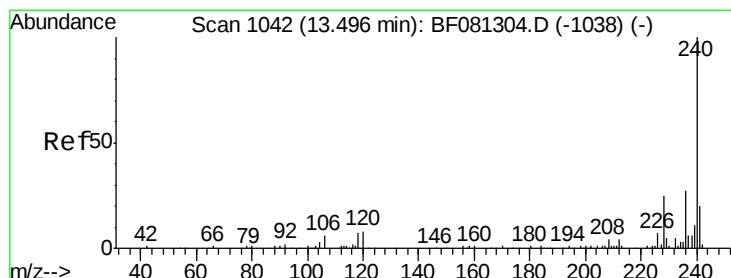
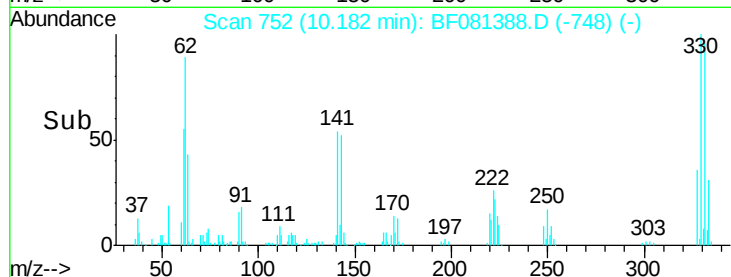
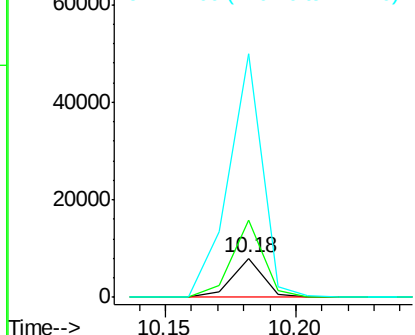
#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF081388.D
Acq: 3 Sep 2015 21:19

Instrument :
BNA_F
ClientSampleId :
SES-EFFLUENT-CS-4

Tot Ion:248 Resp: 6843
Ion Ratio Lower Upper
248 100
250 195.6 78.5 117.7#
141 617.2 59.0 88.6#

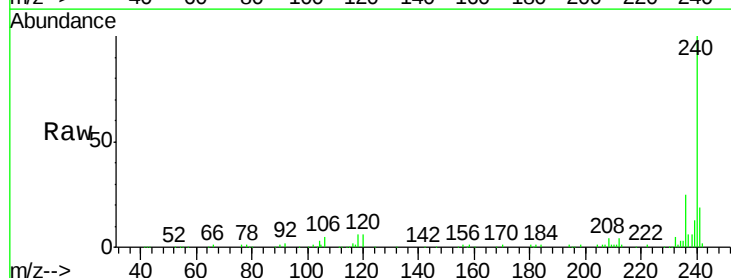


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

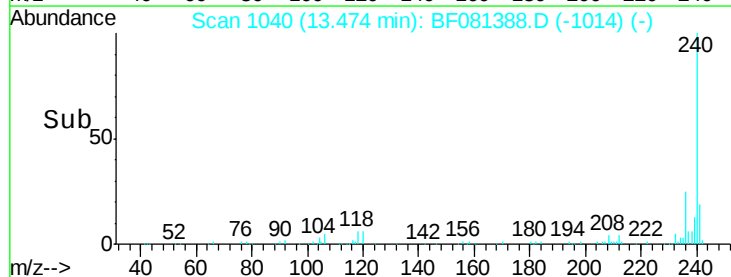
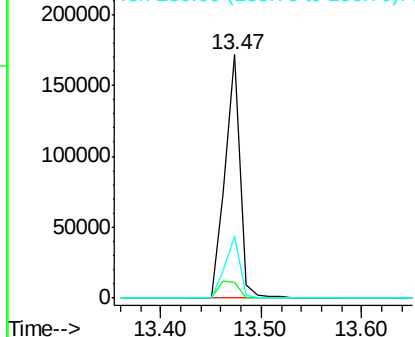


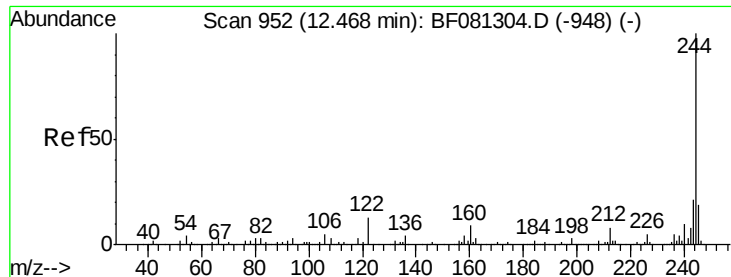
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF081388.D
Acq: 3 Sep 2015 21:19

Tgt Ion:240 Resp: 178753
Ion Ratio Lower Upper
240 100
120 6.4 16.2 24.2#
236 25.3 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

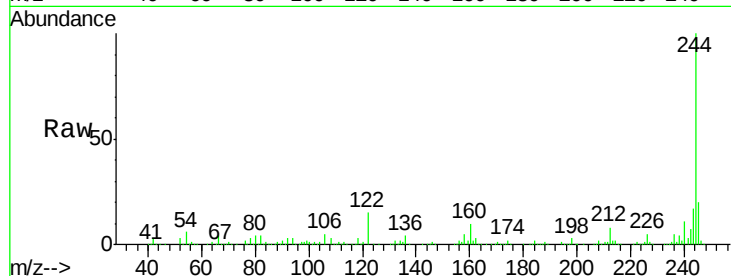




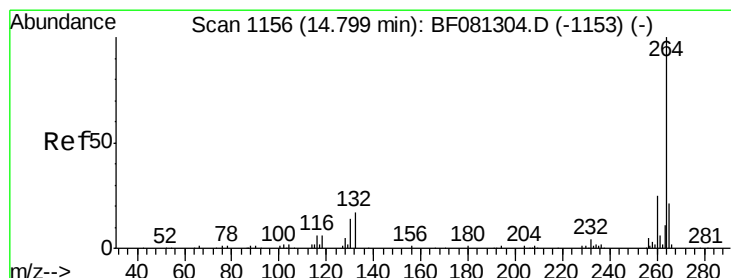
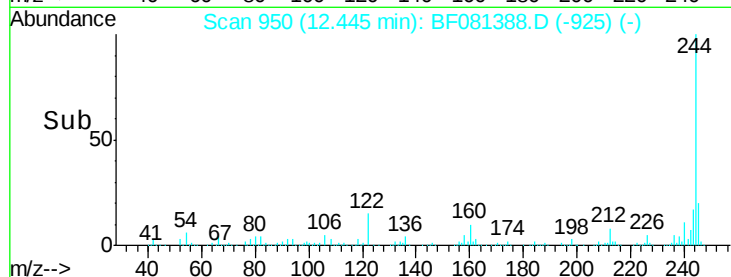
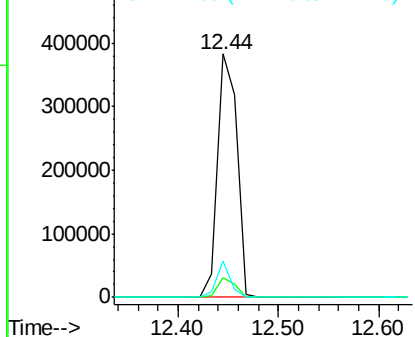
#78
 Terphenyl-d14
 Concen: 66.82 ng
 RT: 12.44 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF081388.D
 Acq: 3 Sep 2015 21:19

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-CS-4

Tot Ion:244 Resp: 513121
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 14.8 17.4 26.2#

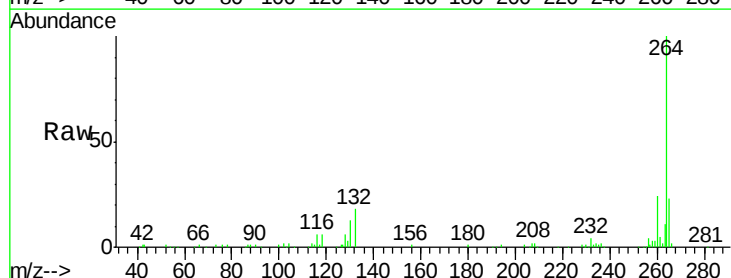


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081388.D
 Acq: 3 Sep 2015 21:19

Tgt Ion:264 Resp: 108761
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 22.9 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

