

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083301.D
 Acq On : 26 Nov 2015 6:12
 Operator : UM/IZ
 Sample : G4547-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-MS-2

Quant Time: Nov 26 07:34:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	145110	20.00	ng	-0.07
21) Naphthalene-d8	7.88	136	507187	20.00	ng	-0.07
38) Acenaphthene-d10	9.63	164	204624	20.00	ng	-0.07
63) Phenanthrene-d10	11.11	188	362335	20.00	ng	-0.07
75) Chrysene-d12	13.73	240	397900	20.00	ng	-0.08
86) Perylene-d12	15.09	264	269323	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	71866	7.49	ng	-0.08
7) Phenol-d6	6.28	99	298	0.02	ng	-0.06
23) Nitrobenzene-d5	7.16	82	989094	89.11	ng	-0.07
41) 2,4,6-Tribromophenol	10.42	330	50059	23.91	ng	-0.07
44) 2-Fluorobiphenyl	8.96	172	1343731	91.57	ng	-0.07
78) Terphenyl-d14	12.70	244	1257221	74.40	ng	-0.07

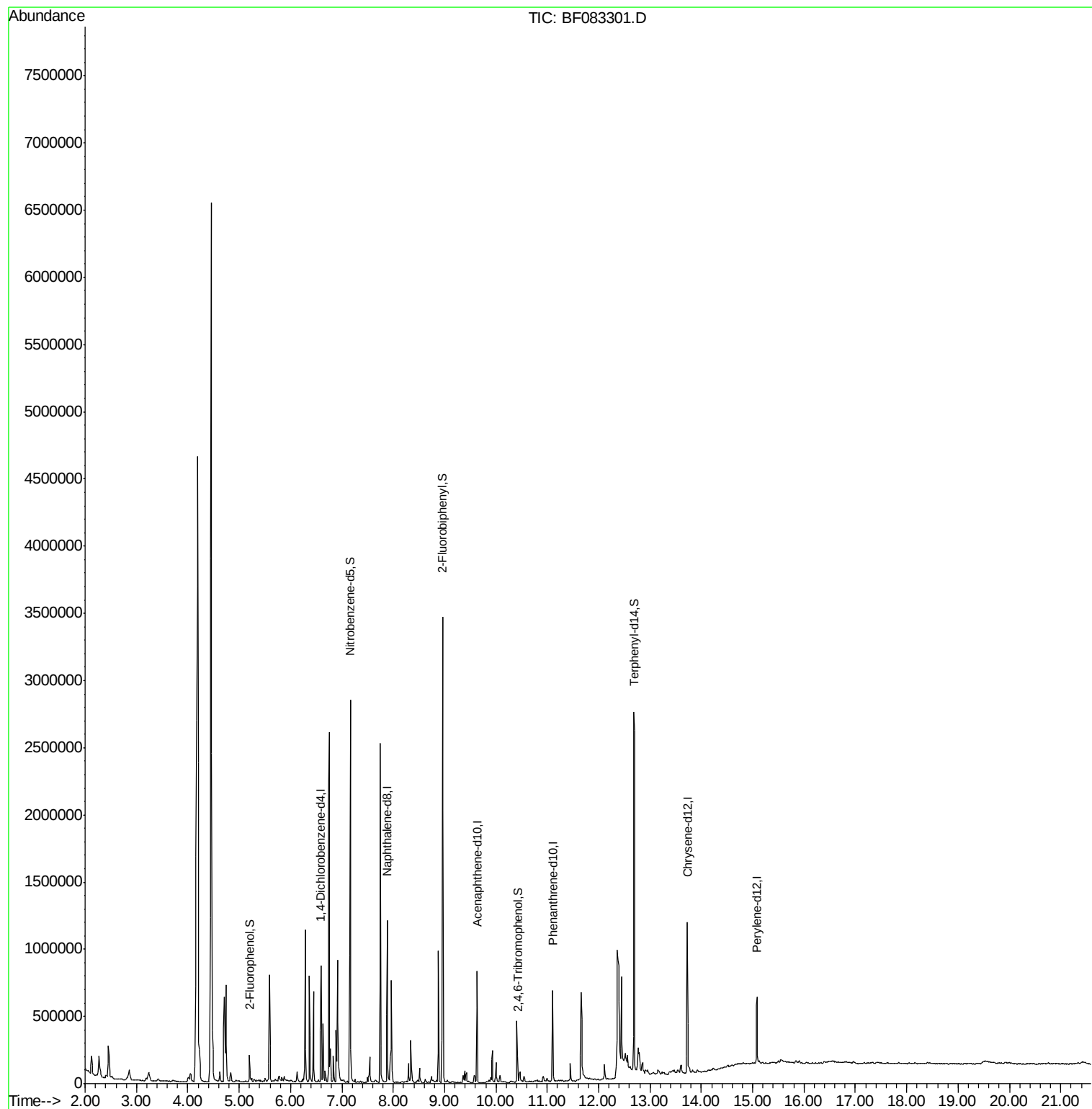
Target Compounds Qvalue

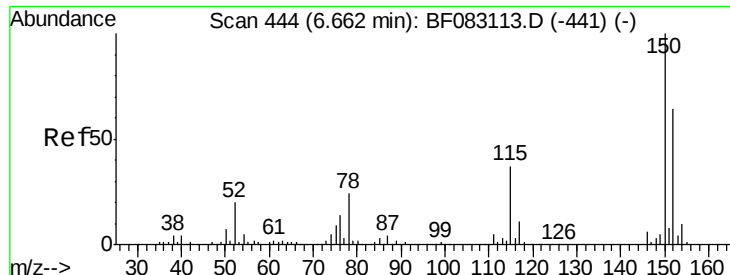
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 07:34:08 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 403

Delta R.T. -0.07 min

Lab File: BF083301.D

Acq: 26 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-MS-2

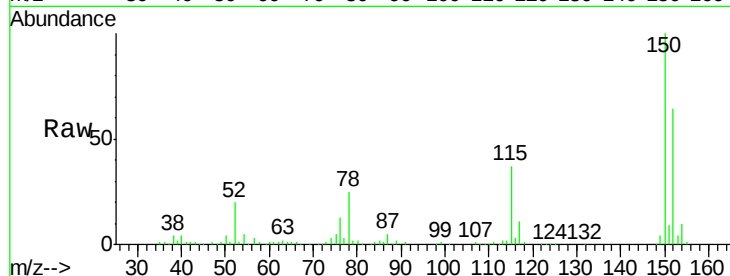
Tot Ion:152 Resp: 145110

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.8

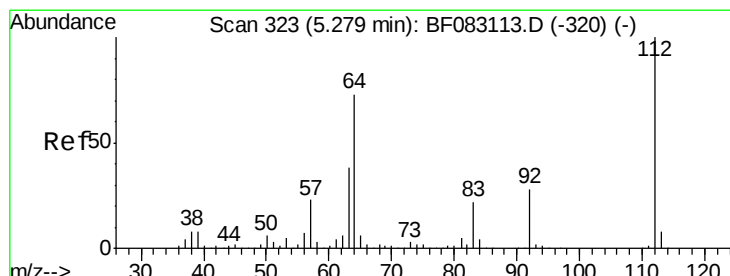
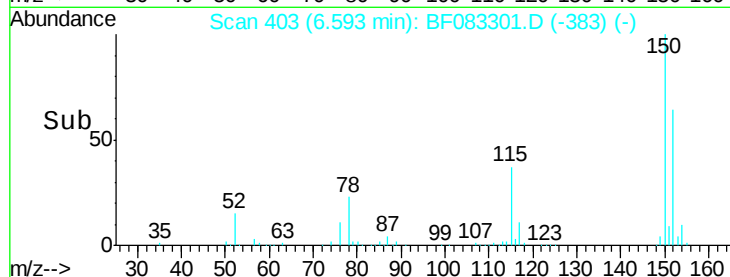
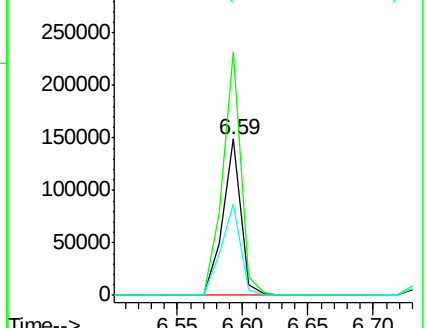
115 58.0 46.9 70.3



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: 7.49 ng

RT: 5.20 min Scan# 281

Delta R.T. -0.08 min

Lab File: BF083301.D

Acq: 26 Nov 2015 6:12

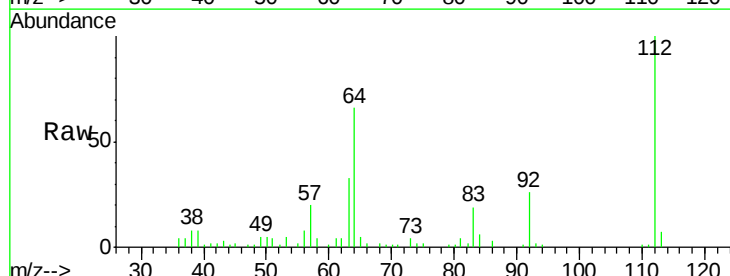
Tgt Ion:112 Resp: 71866

Ion Ratio Lower Upper

112 100

64 65.7 58.4 87.6

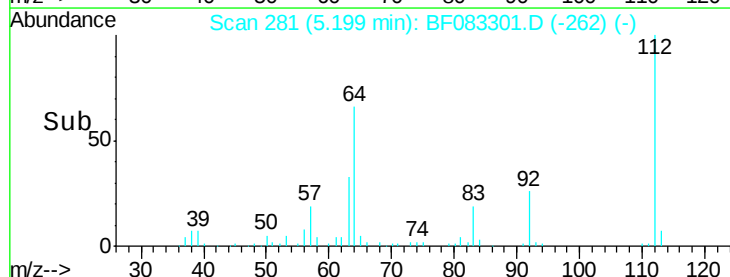
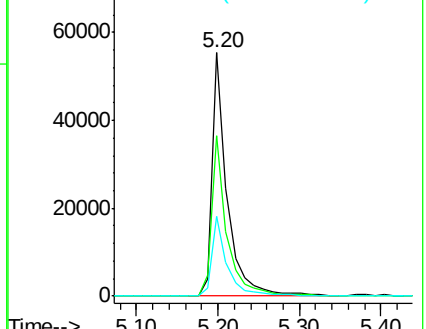
63 32.7 30.0 45.0

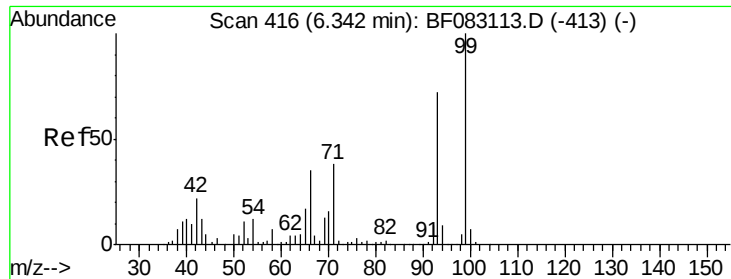


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.02 ng

RT: 6.28 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF083301.D

Acq: 26 Nov 2015 6:12

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-MS-2

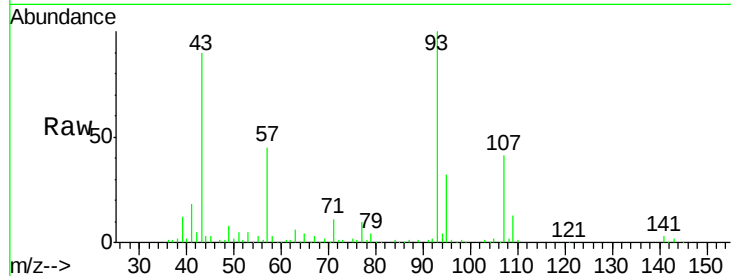
Tot Ion: 99 Resp: 298

Ion Ratio Lower Upper

99 100

42 3017.5 17.7 26.5#

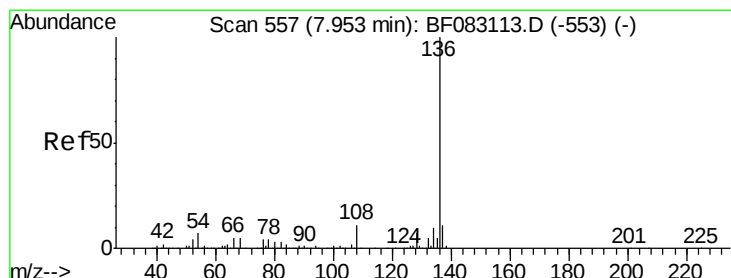
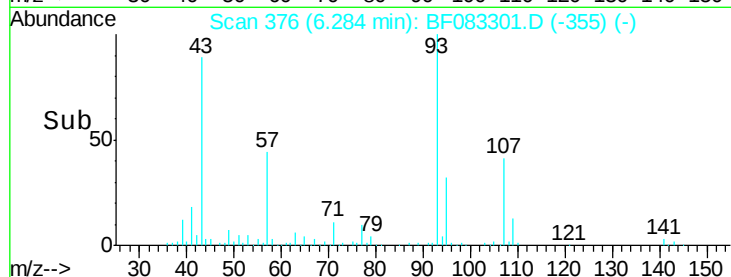
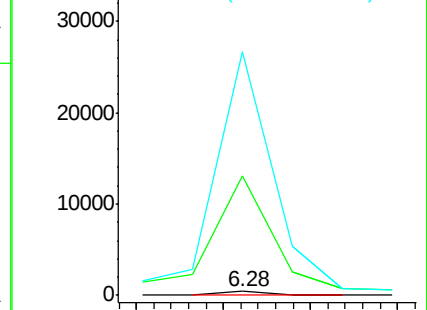
71 6143.8 30.2 45.4#



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: 7.88 min Scan# 516

Delta R.T. -0.07 min

Lab File: BF083301.D

Acq: 26 Nov 2015 6:12

Tgt Ion: 136 Resp: 507187

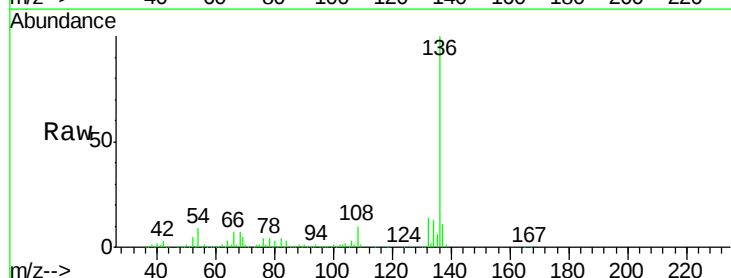
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.7 5.8 8.6#

68 7.4 3.8 5.8#

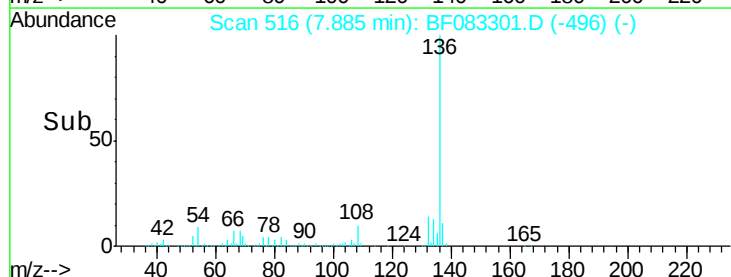
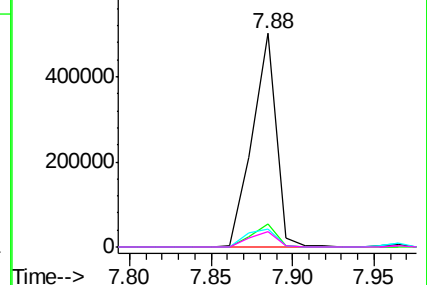


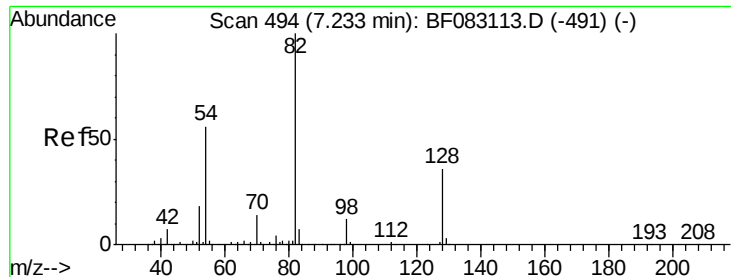
Abundance Ion 136.00 (135.70 to 136.70): E

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

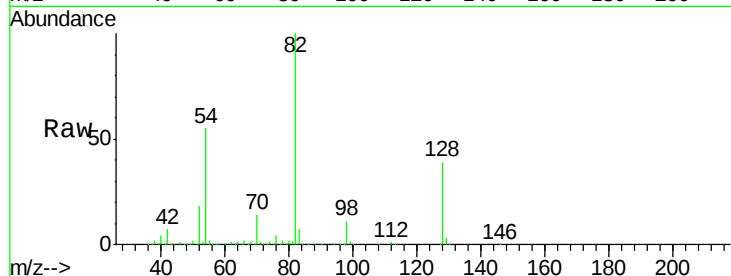




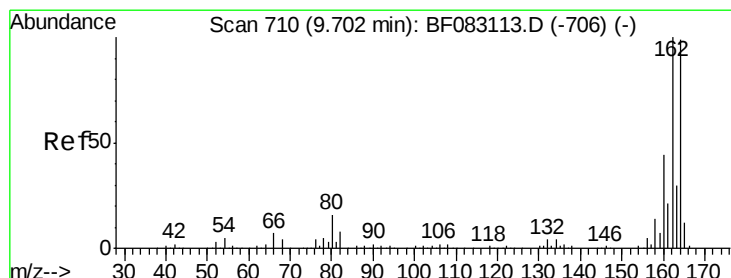
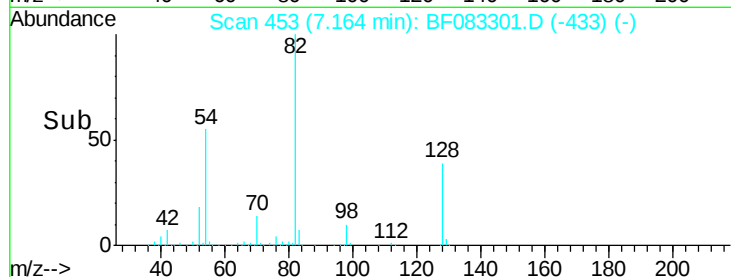
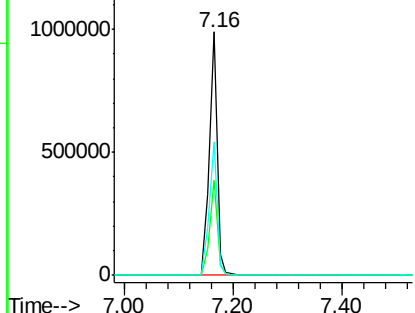
#23
 Nitrobenzene-d5
 Concen: 89.11 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083301.D
 Acq: 26 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-MS-2

Tot Ion: 82 Resp: 989094
 Ion Ratio Lower Upper
 82 100
 128 38.9 28.5 42.7
 54 54.9 44.6 67.0

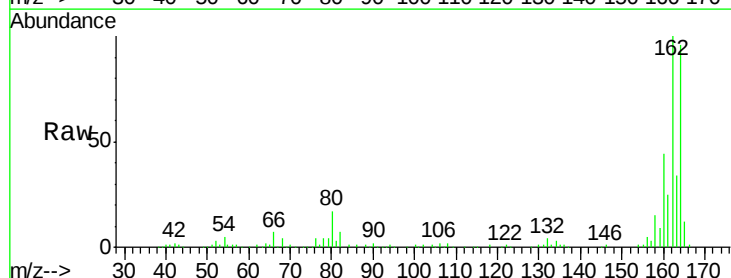


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

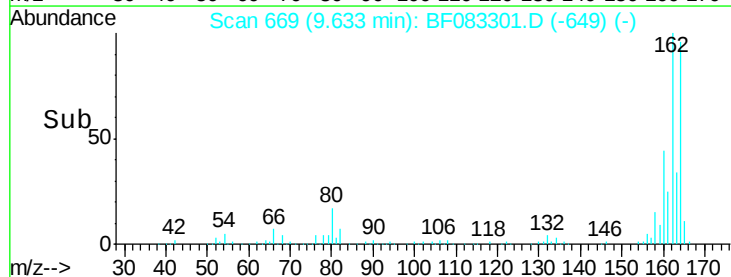
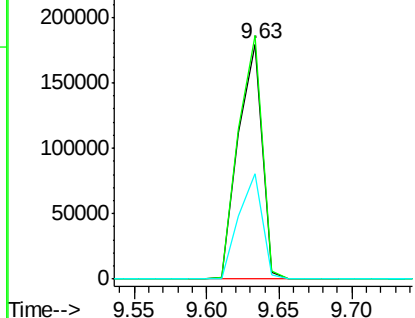


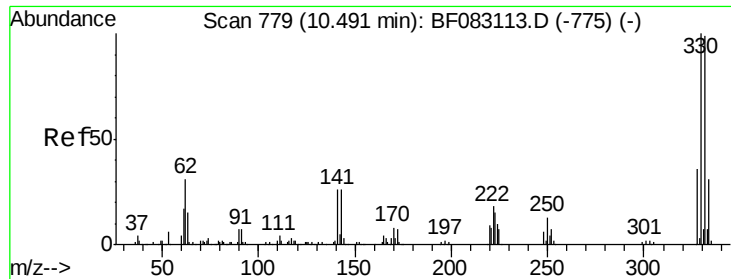
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.07 min
 Lab File: BF083301.D
 Acq: 26 Nov 2015 6:12

Tgt Ion:164 Resp: 204624
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.2 121.8
 160 45.1 35.6 53.4



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

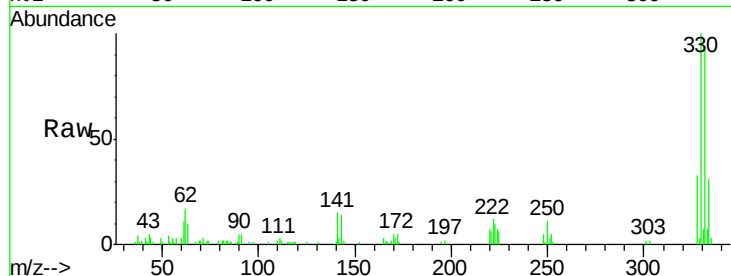




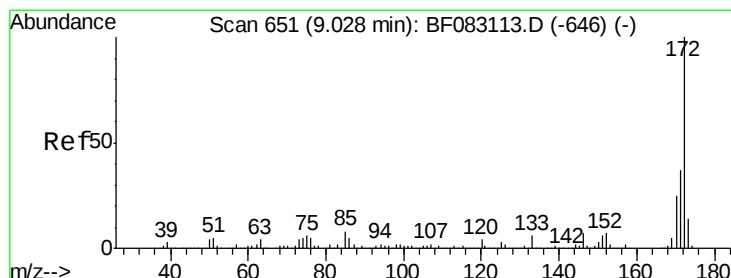
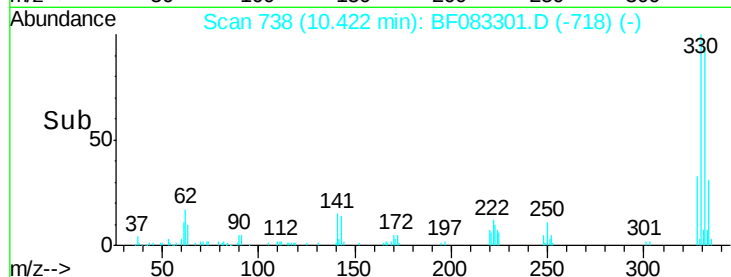
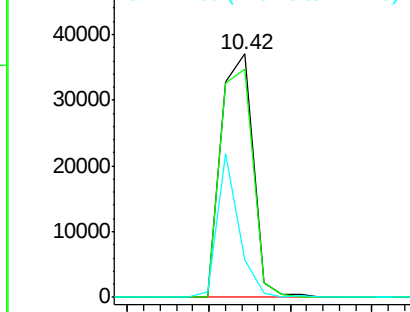
#41
 2,4,6-Tribromophenol
 Concen: 23.91 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.07 min
 Lab File: BF083301.D
 Acq: 26 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-MS-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.7	116.5
141	40.3	29.7	44.5

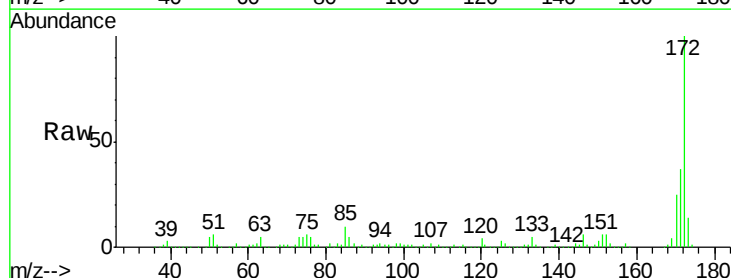


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

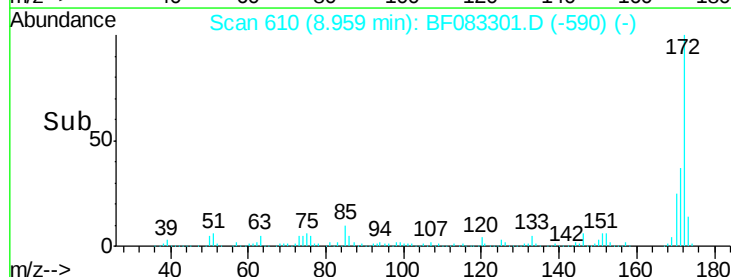
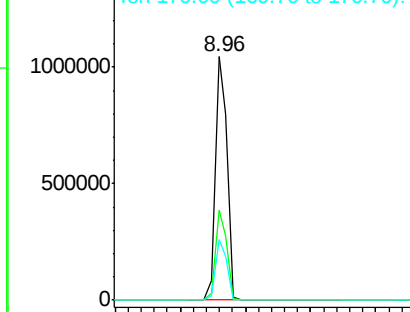


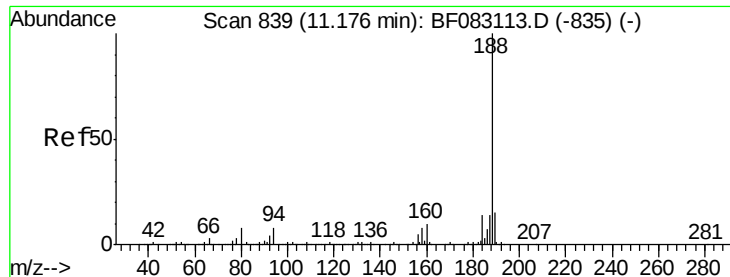
#44
 2-Fluorobiphenyl
 Concen: 91.57 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083301.D
 Acq: 26 Nov 2015 6:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	24.6	19.9	29.9



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

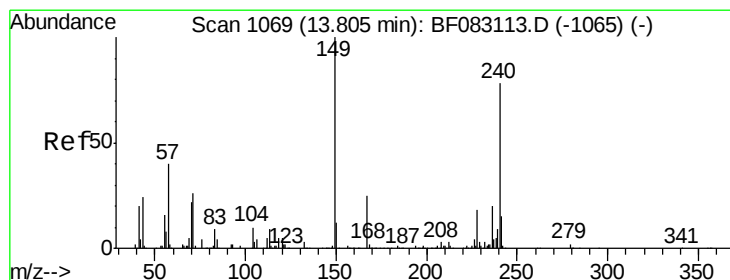
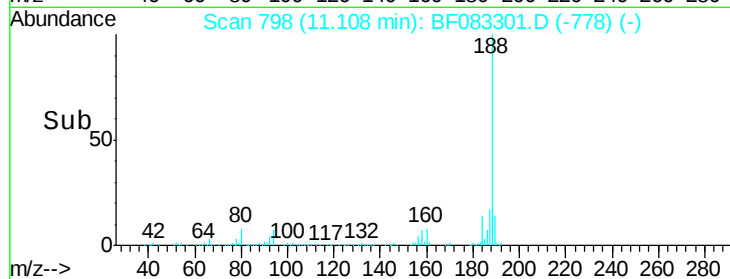
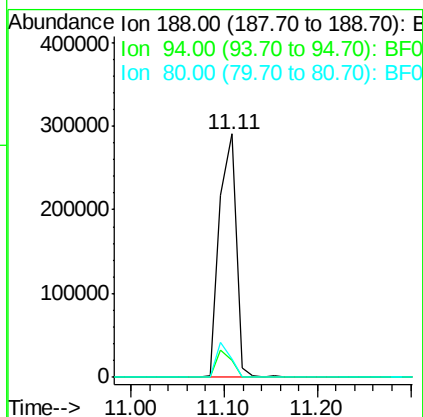
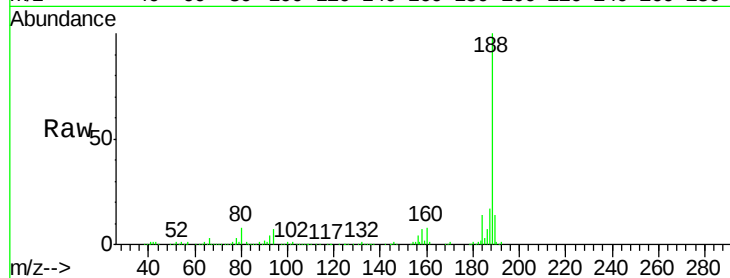




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.07 min
Lab File: BF083301.D
Acq: 26 Nov 2015 6:12

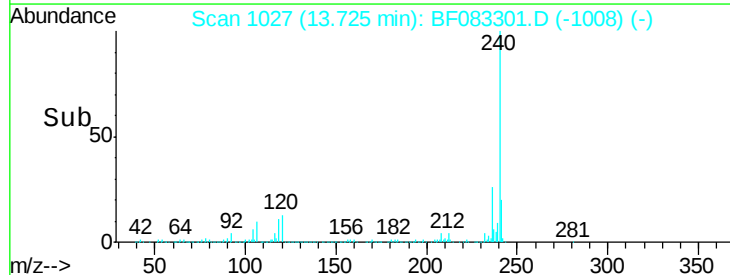
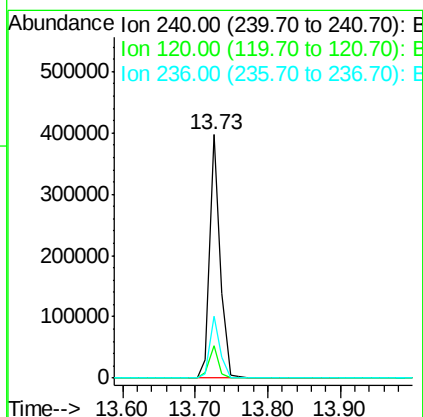
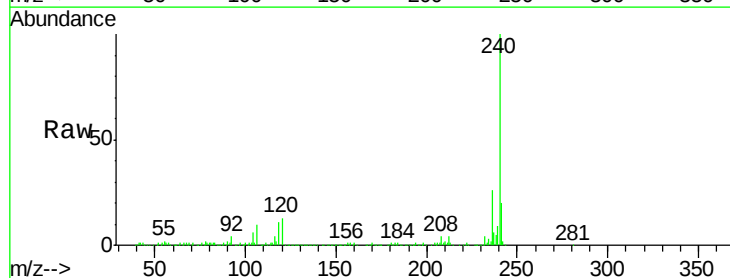
Instrument :
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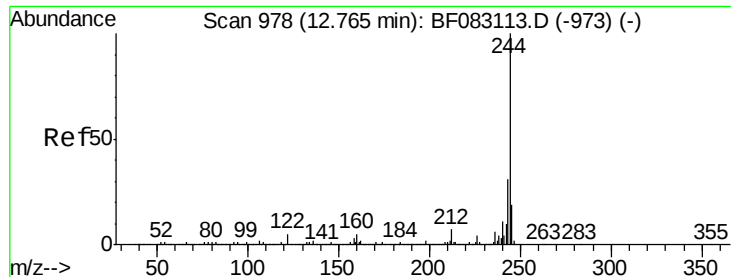
Tot Ion:188 Resp: 362335
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 7.7 6.7 10.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083301.D
Acq: 26 Nov 2015 6:12

Tgt Ion:240 Resp: 397900
Ion Ratio Lower Upper
240 100
120 13.1 5.4 8.2#
236 25.6 20.6 31.0

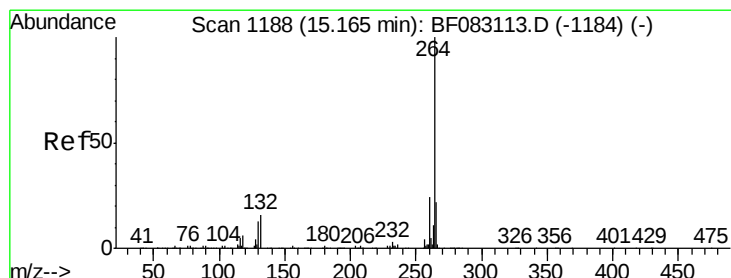
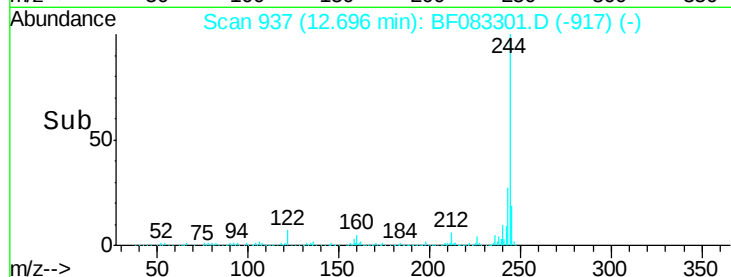
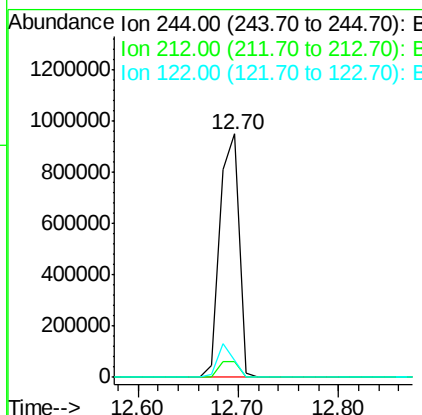
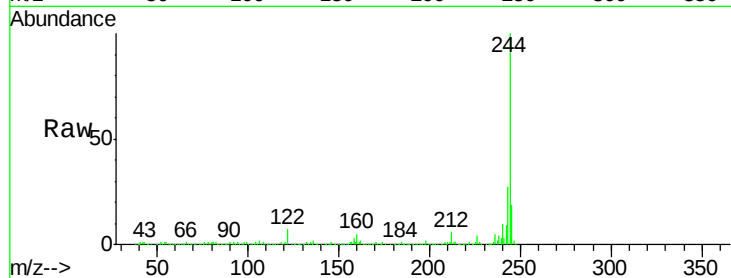




#78
 Terphenyl-d14
 Concen: 74.40 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.07 min
 Lab File: BF083301.D
 Acq: 26 Nov 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-MS-2

Tot Ion:244 Resp: 1257221
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 6.8 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1146
 Delta R.T. -0.08 min
 Lab File: BF083301.D
 Acq: 26 Nov 2015 6:12

Tgt Ion:264 Resp: 269323
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.1 28.7
 265 21.0 18.2 27.4

