

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083067.D
 Acq On : 20 Nov 2015 7:19
 Operator : UM/IZ
 Sample : G4458-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-MS-1

Quant Time: Nov 20 08:20:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

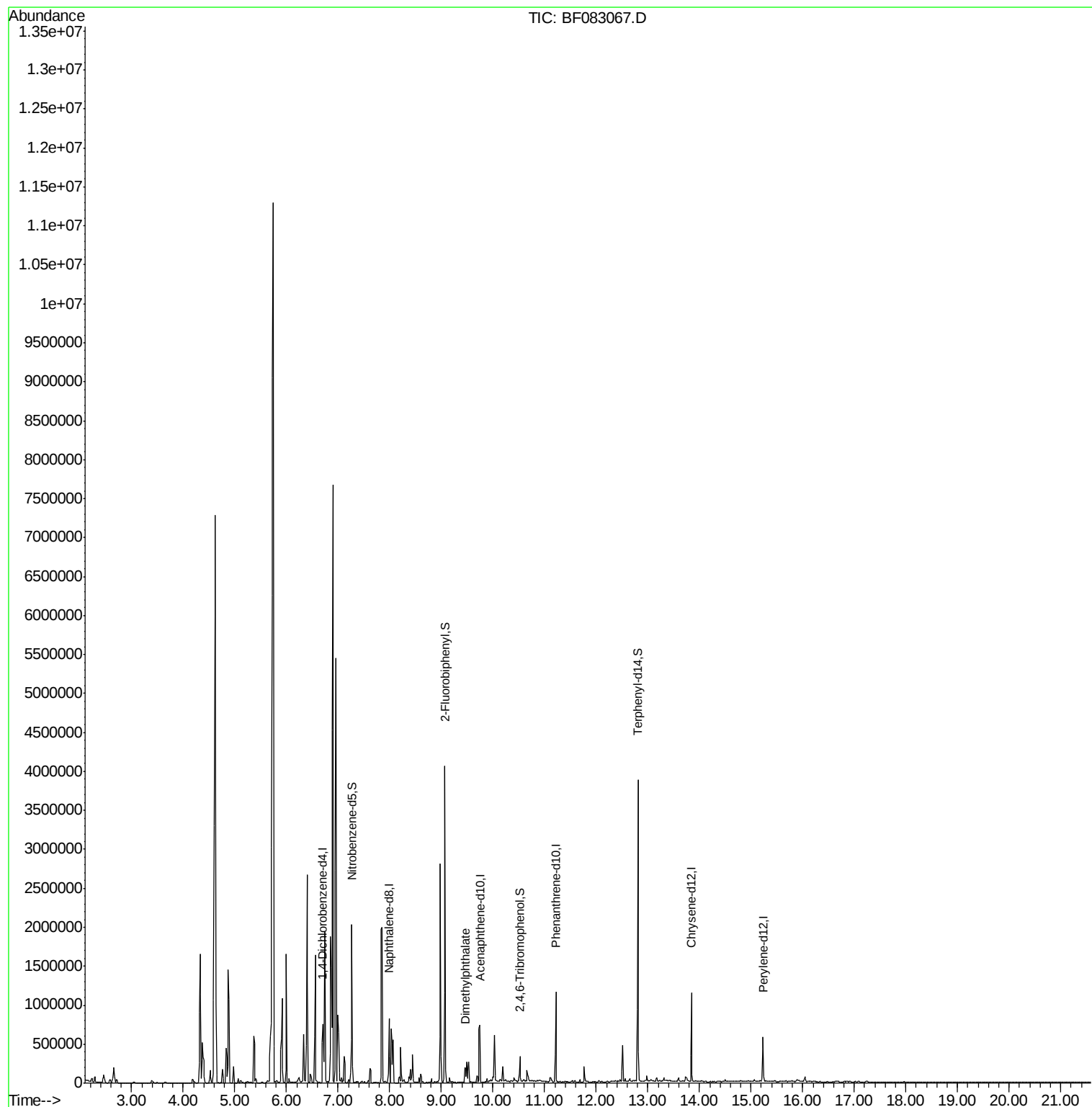
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106740	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	398732	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	211541	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	429265	20.00	ng	0.00
75) Chrysene-d12	13.85	240	402346	20.00	ng	-0.01
86) Perylene-d12	15.23	264	294867	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	5984	0.87	ng	0.01
7) Phenol-d6	6.34	99	619	0.07	ng	-0.01
23) Nitrobenzene-d5	7.26	82	675893	77.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	29920	13.32	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1193527	75.99	ng	-0.01
78) Terphenyl-d14	12.81	244	1134739	66.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	91647	5.26	ng	Qvalue # 97

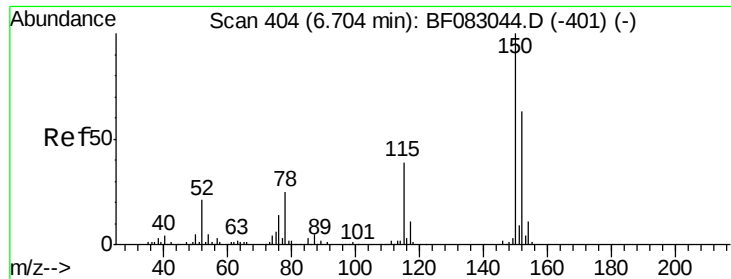
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083067.D

Acq: 20 Nov 2015 7:19

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-MS-1

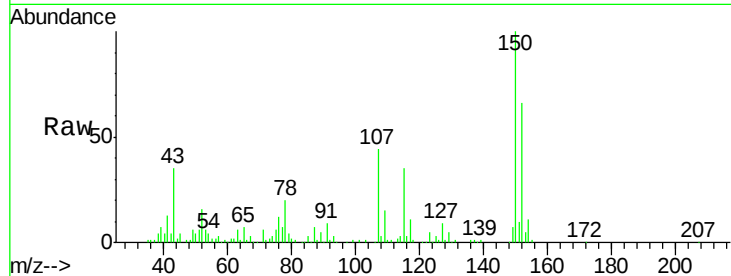
Tgt Ion:152 Resp: 106740

Ion Ratio Lower Upper

152 100

150 150.6 126.4 189.6

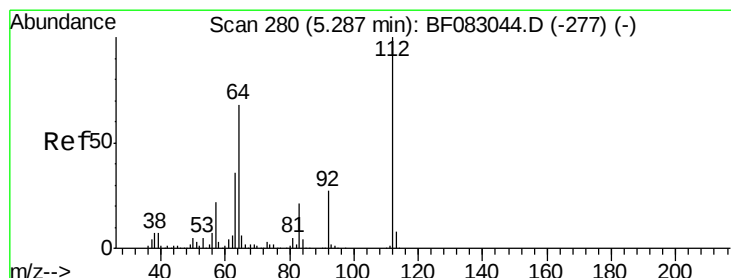
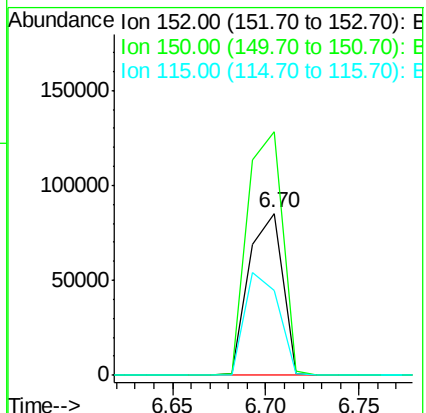
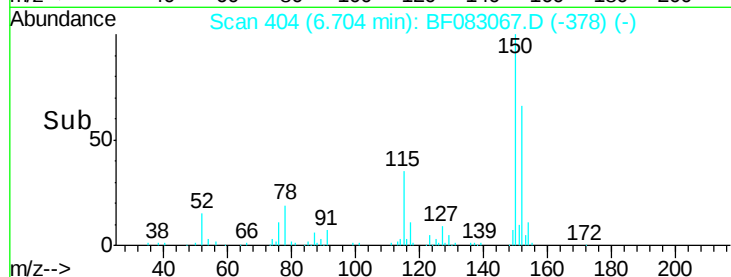
115 52.3 49.0 73.6



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: 0.87 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083067.D

Acq: 20 Nov 2015 7:19

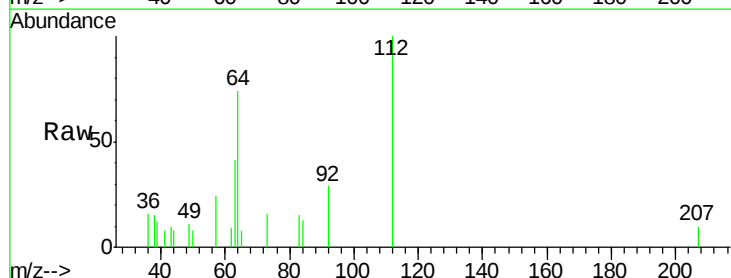
Tgt Ion:112 Resp: 5984

Ion Ratio Lower Upper

112 100

64 74.0 54.8 82.2

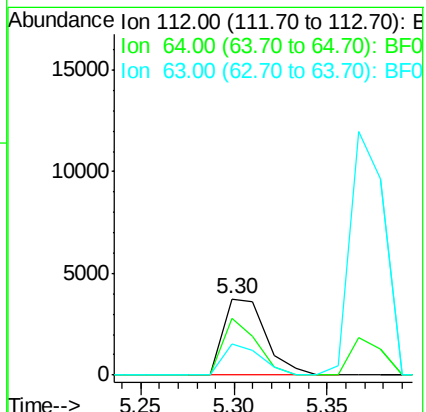
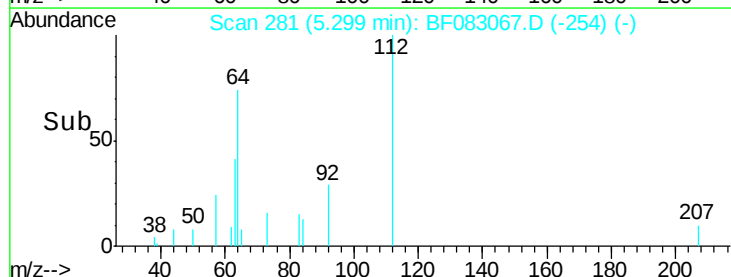
63 41.1 29.0 43.4

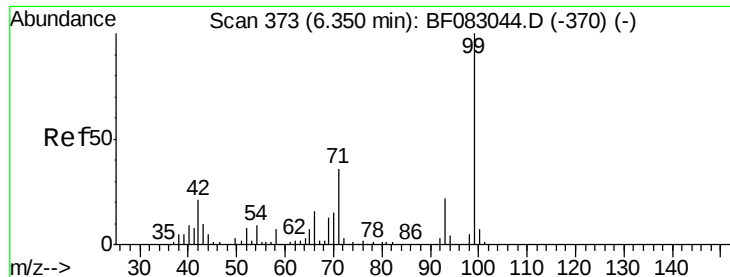


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.07 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083067.D

Acq: 20 Nov 2015 7:19

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-MS-1

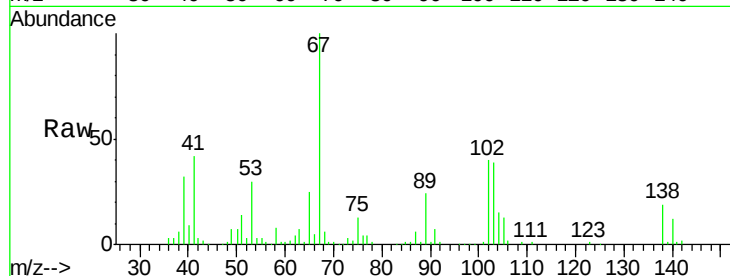
Tgt Ion: 99 Resp: 619

Ion Ratio Lower Upper

99 100

42 807.1 16.6 25.0#

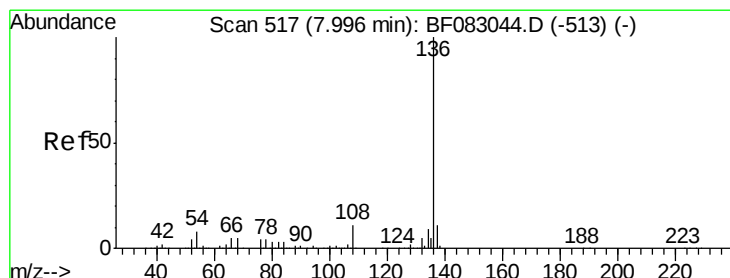
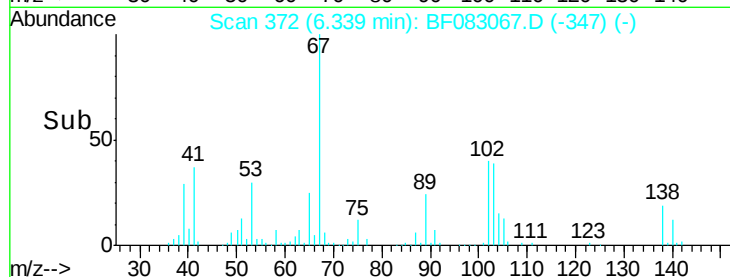
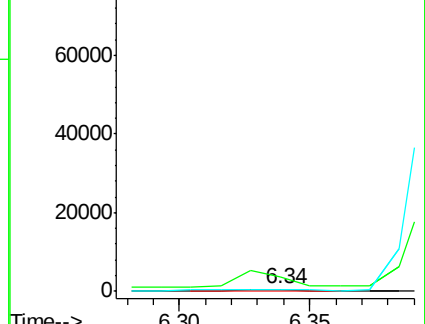
71 104.1 29.2 43.8#



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: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083067.D

Acq: 20 Nov 2015 7:19

Tgt Ion: 136 Resp: 398732

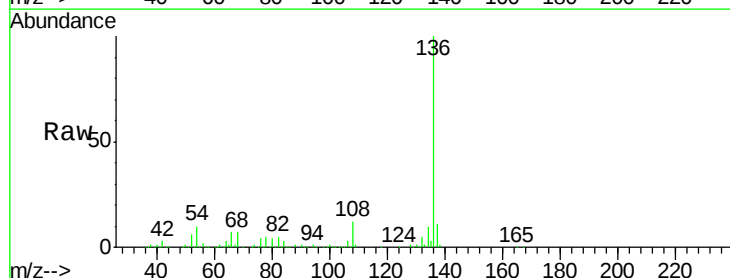
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 10.5 6.2 9.2#

68 6.8 4.2 6.2#

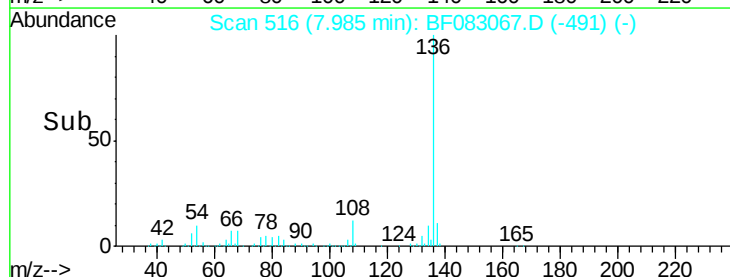
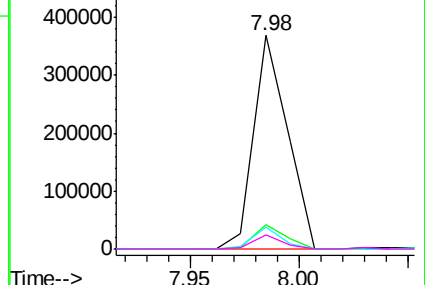


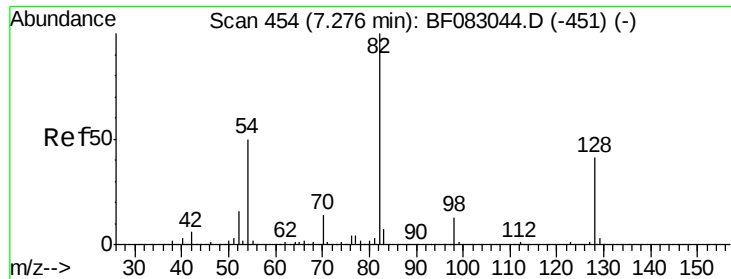
Abundance Ion 136.00 (135.70 to 136.70): E

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

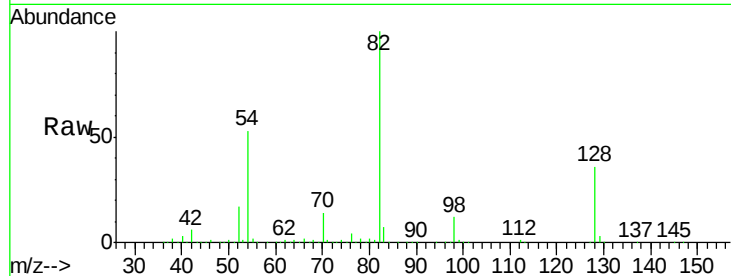




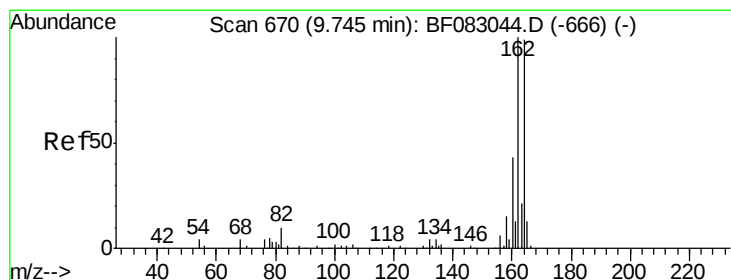
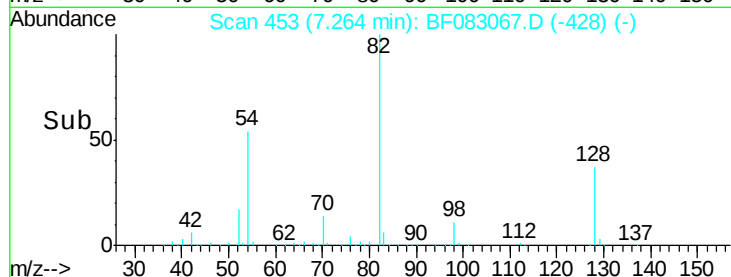
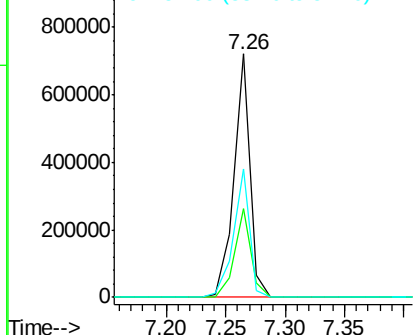
#23
 Nitrobenzene-d5
 Concen: 77.60 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083067.D
 Acq: 20 Nov 2015 7:19

Instrument :
 BNA_F
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 SES-EFFLUENT-MS-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.5	33.1	49.7
54	52.6	39.8	59.6

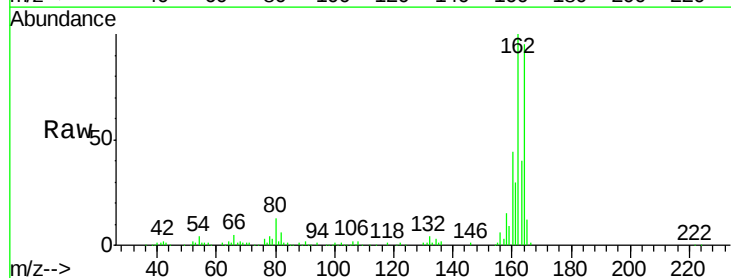


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

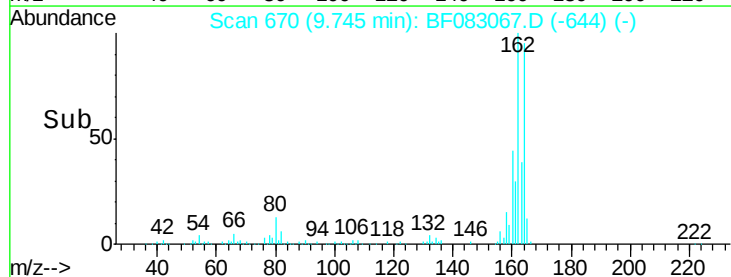
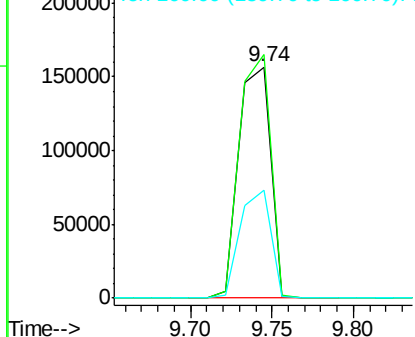


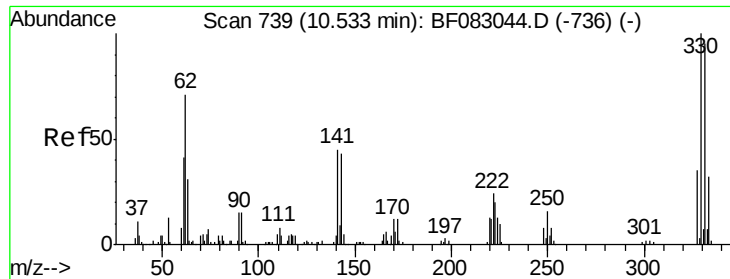
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083067.D
 Acq: 20 Nov 2015 7:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.5	120.7
160	46.6	35.0	52.4



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

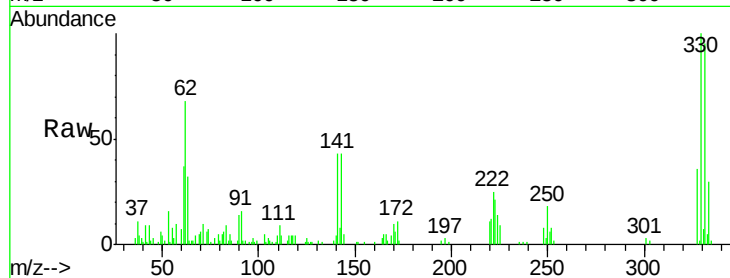




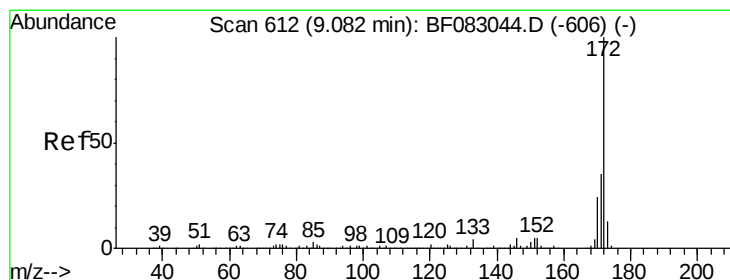
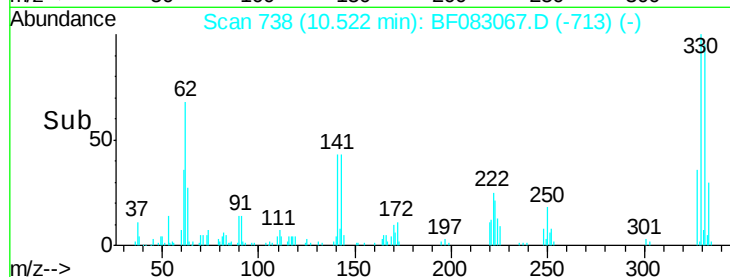
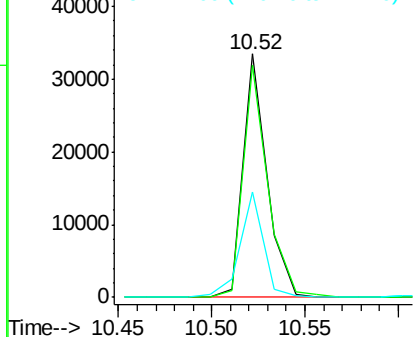
#41
 2,4,6-Tribromophenol
 Concen: 13.32 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083067.D
 Acq: 20 Nov 2015 7:19

Instrument :
 BNA_F
 ClientSampleId :
 SES-EFFLUENT-MS-1

Tgt Ion:330 Resp: 29920
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.6 116.4
 141 43.3 34.6 52.0

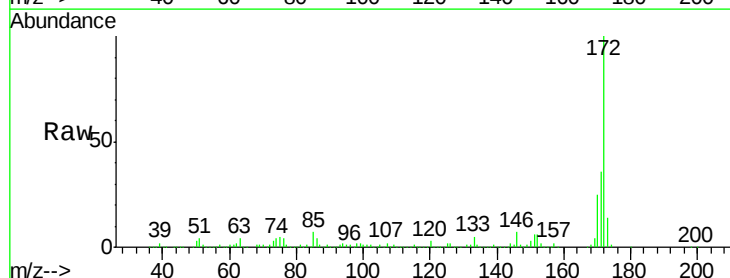


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

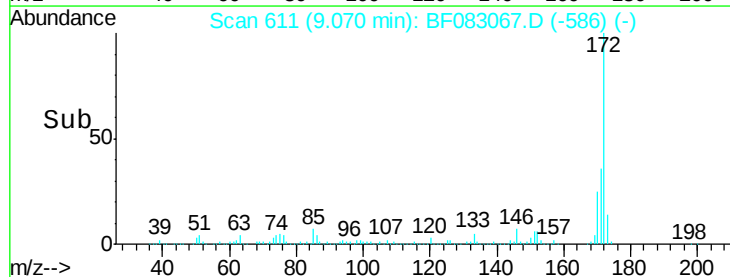
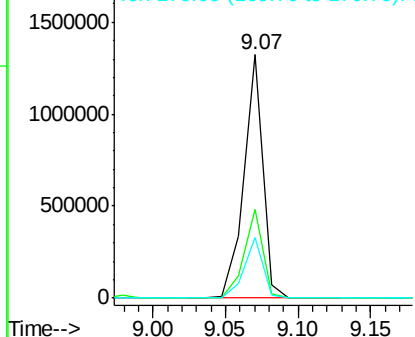


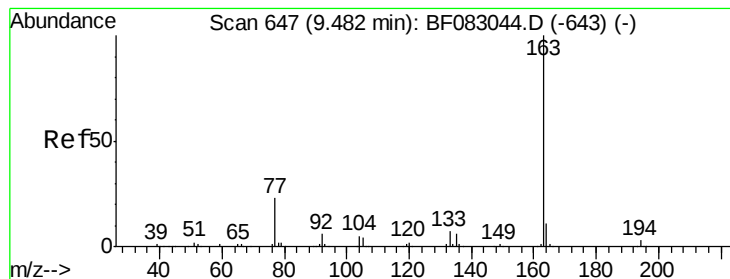
#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083067.D
 Acq: 20 Nov 2015 7:19

Tgt Ion:172 Resp: 1193527
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.2 42.4
 170 24.7 19.4 29.0



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: 5.26 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083067.D

Acq: 20 Nov 2015 7:19

Instrument :

BNA_F

ClientSampleId :

SES-EFFLUENT-MS-1

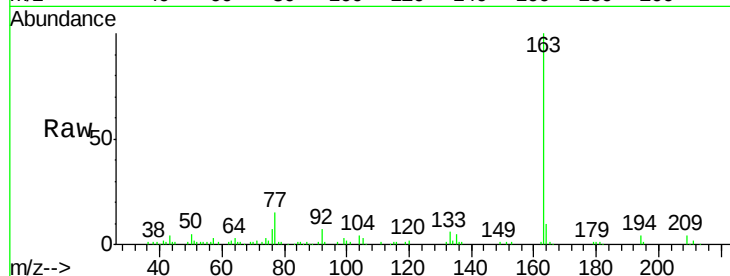
Tgt Ion:163 Resp: 91647

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

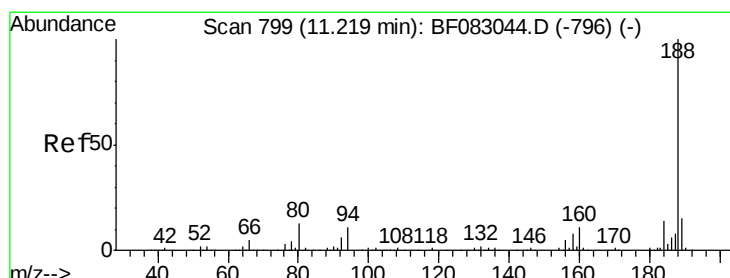
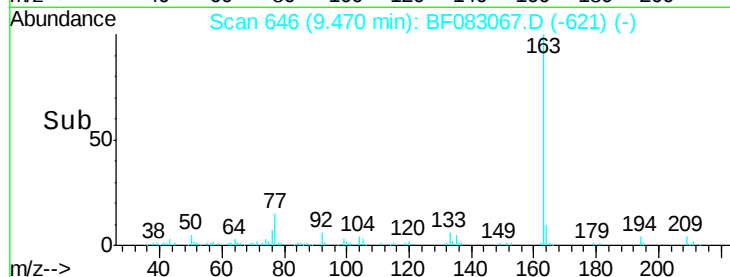
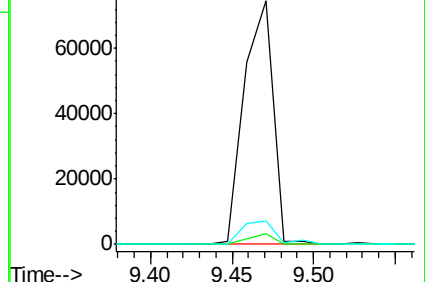
164 9.5 8.5 12.7



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: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083067.D

Acq: 20 Nov 2015 7:19

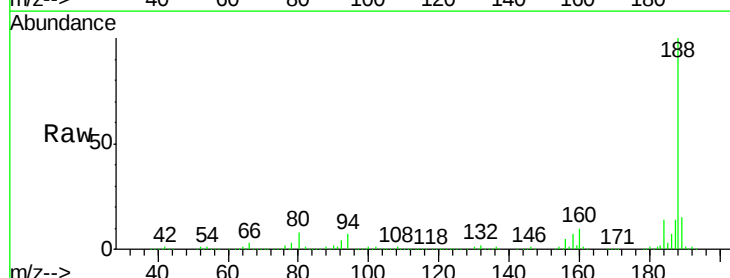
Tgt Ion:188 Resp: 429265

Ion Ratio Lower Upper

188 100

94 7.0 9.0 13.4#

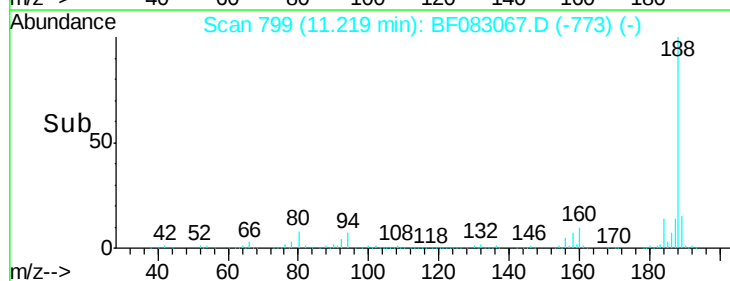
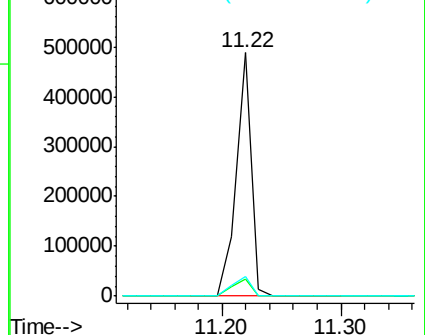
80 7.9 10.2 15.4#

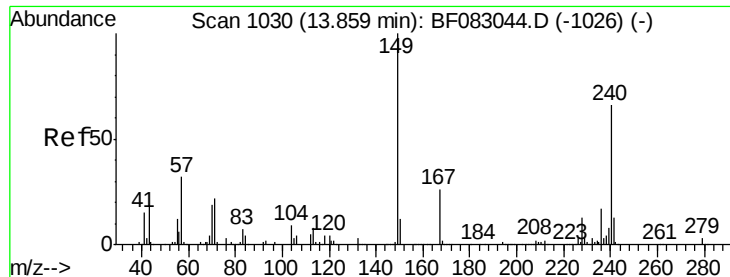


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083067.D

Acq: 20 Nov 2015 7:19

Instrument :

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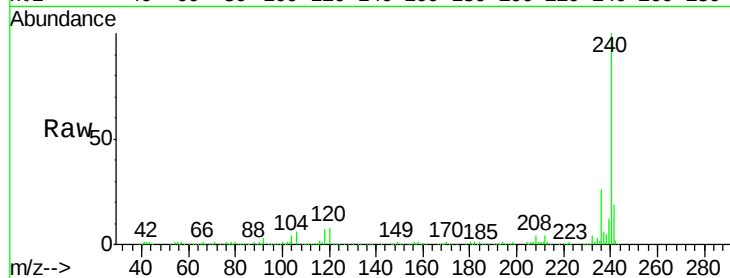
Tgt Ion:240 Resp: 402346

Ion Ratio Lower Upper

240 100

120 7.6 5.3 7.9

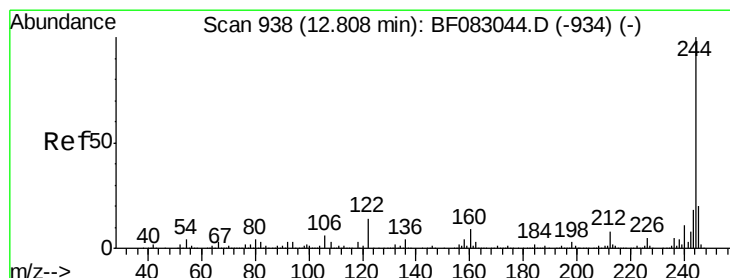
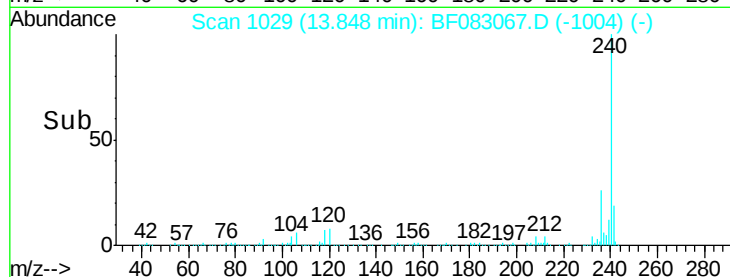
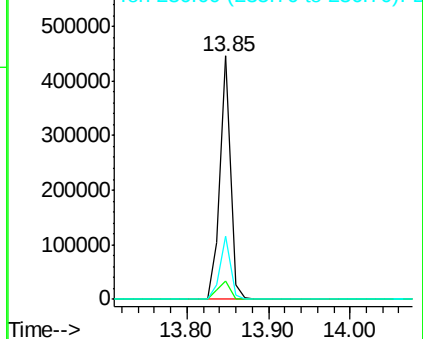
236 26.2 20.4 30.6



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: 66.58 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083067.D

Acq: 20 Nov 2015 7:19

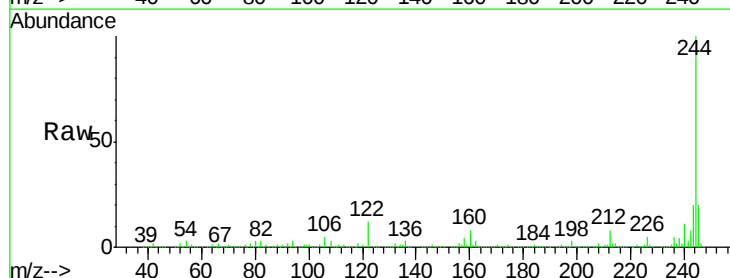
Tgt Ion:244 Resp: 1134739

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

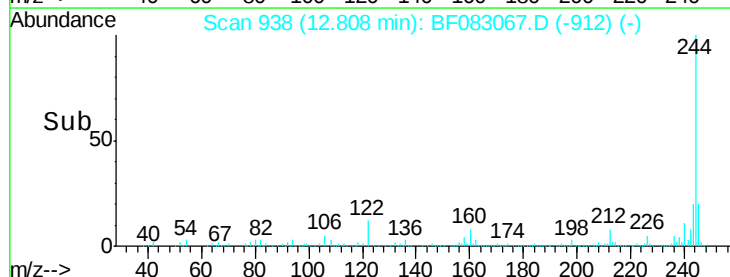
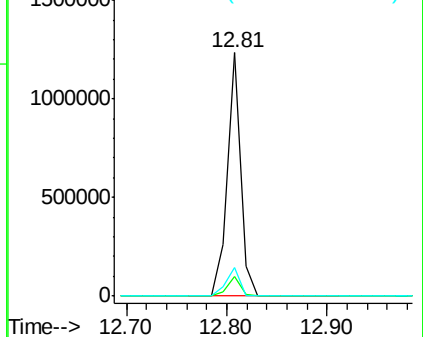
122 12.0 10.9 16.3

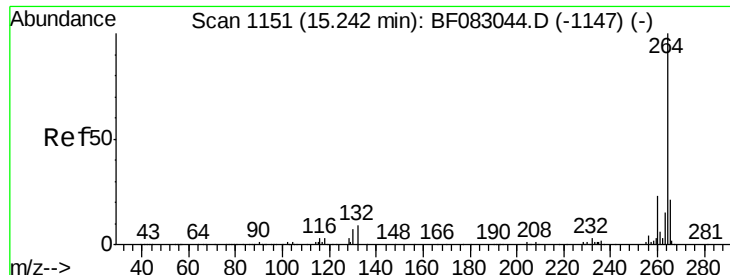


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF083067.D

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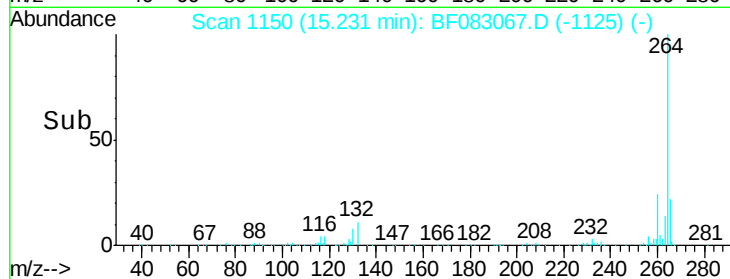
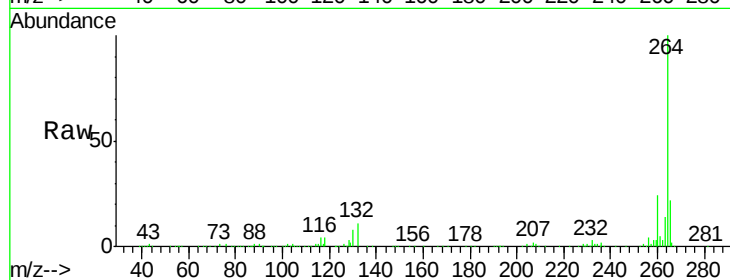
Tgt Ion:264 Resp: 294867

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 21.9 17.0 25.6



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

