

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077997.D
 Acq On : 26 Mar 2015 16:07
 Operator : TP/IZ
 Sample : G1614-03
 Misc : LOD-SOIL-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Quant Time: Mar 27 04:27:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

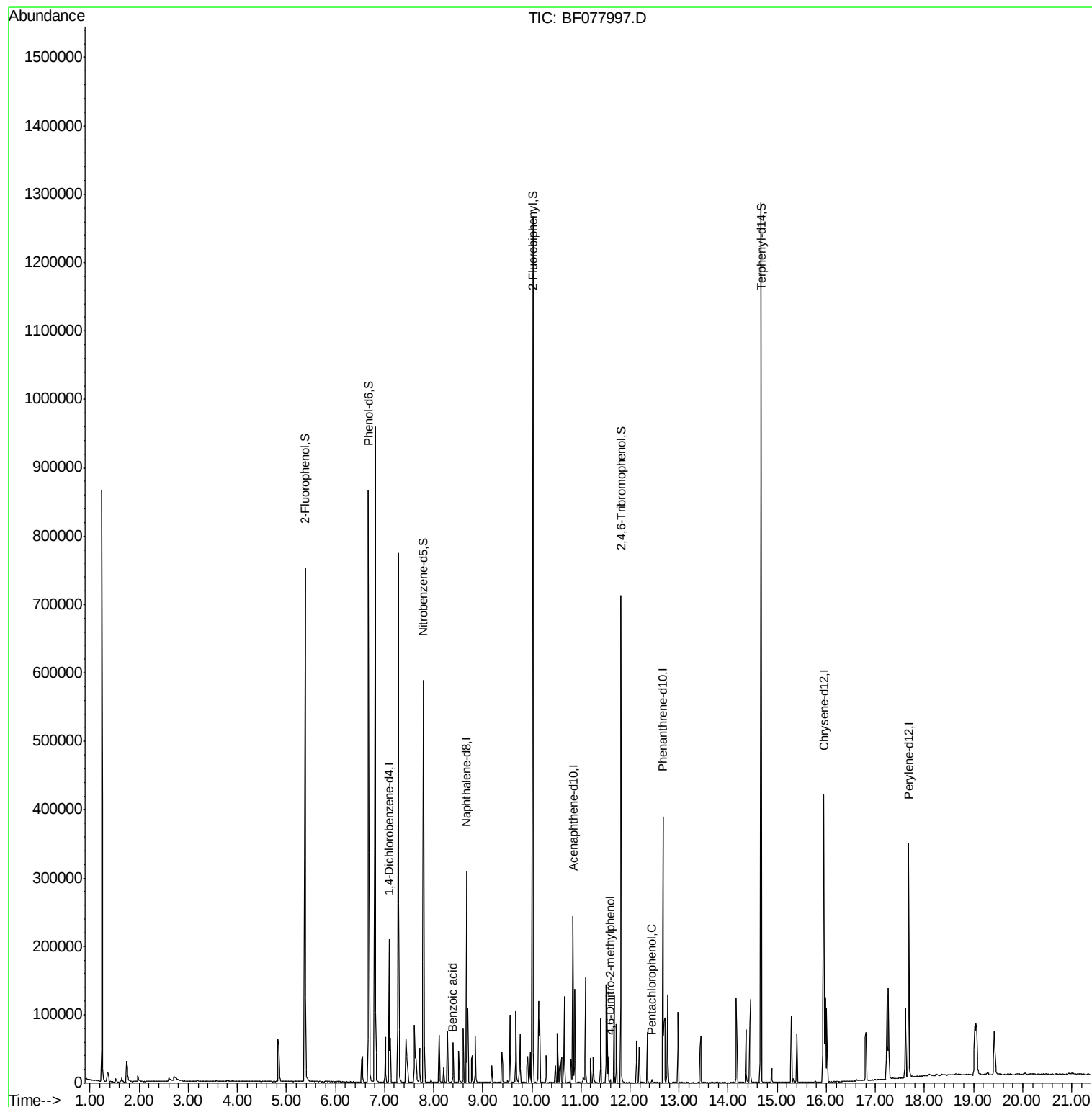
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	33126	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	140198	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	70494	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	148638	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	165332	20.00	ng	-0.06
86) Perylene-d12	17.68	264	155763	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	263236	138.71	ng	0.00
7) Phenol-d6	6.67	99	317402	135.37	ng	-0.01
23) Nitrobenzene-d5	7.79	82	194814	91.09	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	84463	125.23	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	439124	91.55	ng	0.00
78) Terphenyl-d14	14.67	244	556494	82.22	ng	-0.01
Target Compounds						
32) Benzoic acid	8.38	122	1247	4.11	ng	96
64) 4,6-Dinitro-2-methylphenol	11.60	198	860	5.41	ng	88
69) Pentachlorophenol	12.44	266	1390	4.55	ng	97

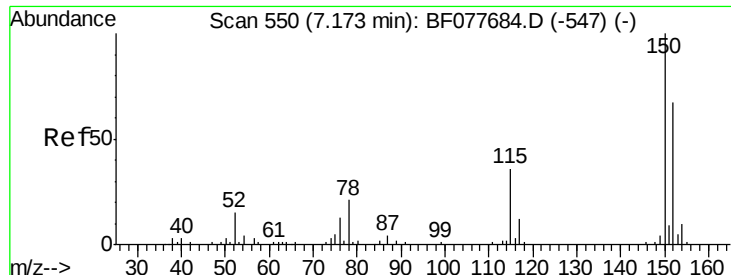
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

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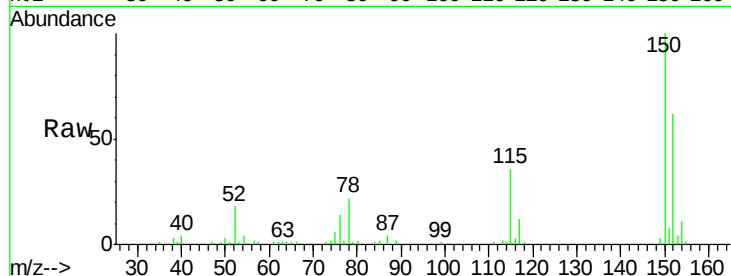
Tgt Ion:152 Resp: 33126

Ion Ratio Lower Upper

152 100

150 161.4 119.5 179.3

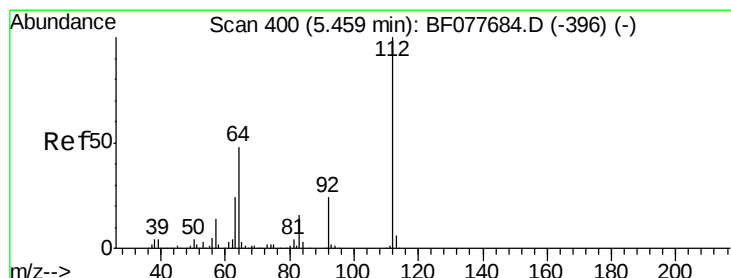
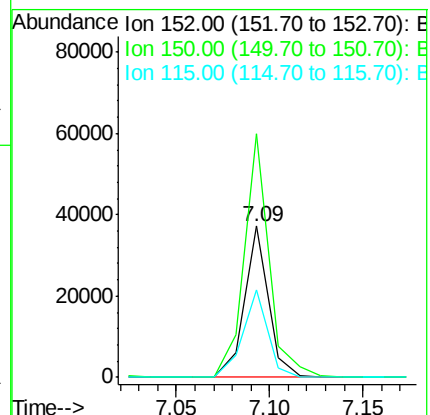
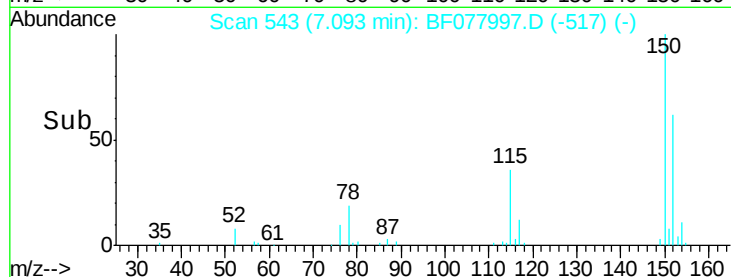
115 57.8 43.0 64.4



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: 138.71 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF077997.D

Acq: 26 Mar 2015 16:07

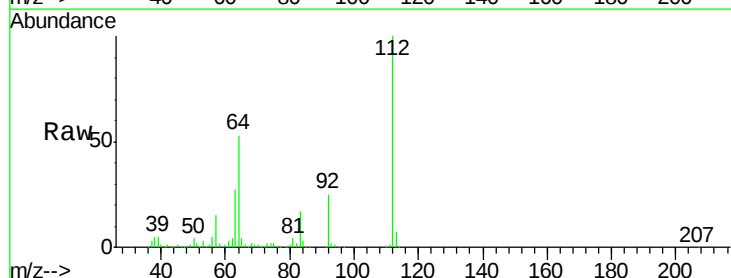
Tgt Ion:112 Resp: 263236

Ion Ratio Lower Upper

112 100

64 52.7 38.6 57.8

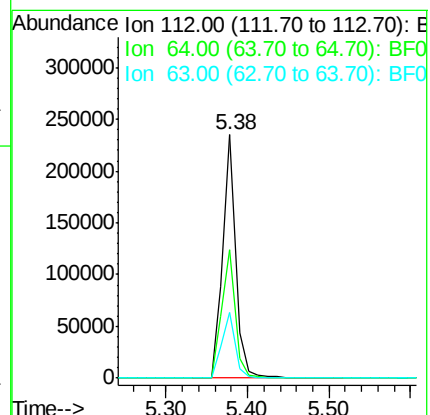
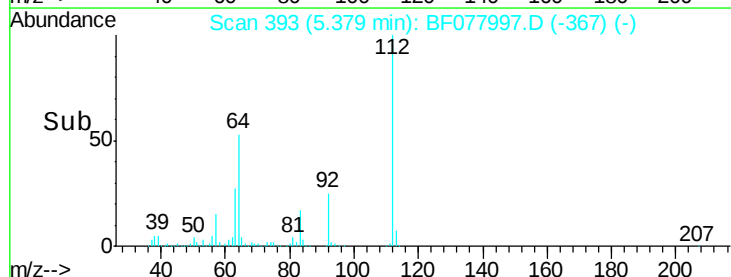
63 27.1 19.3 28.9

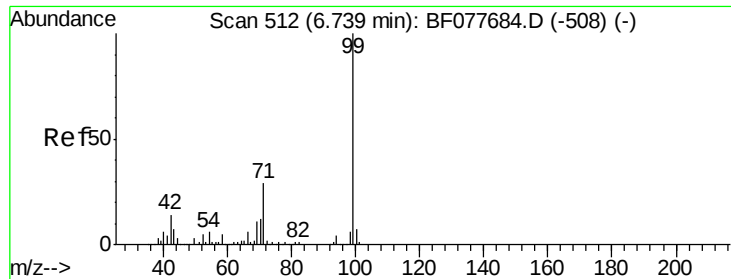


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.37 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF077997.D

Acq: 26 Mar 2015 16:07

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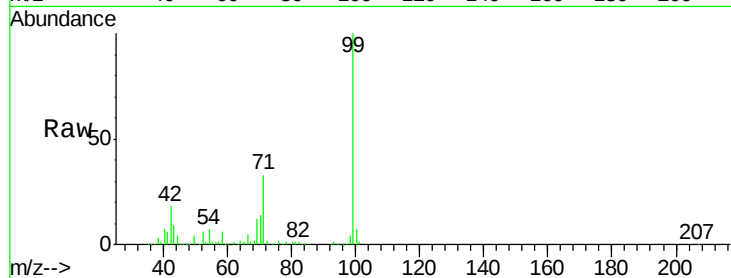
Tgt Ion: 99 Resp: 317402

Ion Ratio Lower Upper

99 100

42 17.7 11.0 16.4#

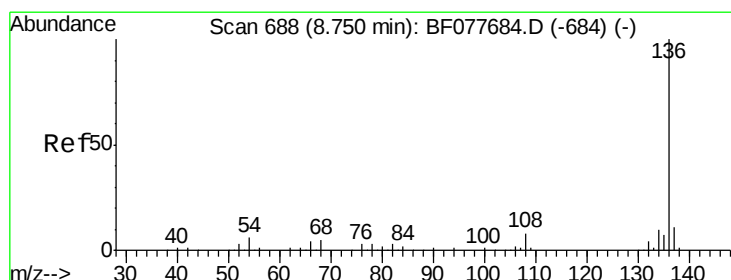
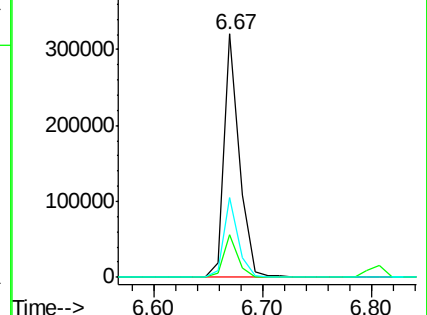
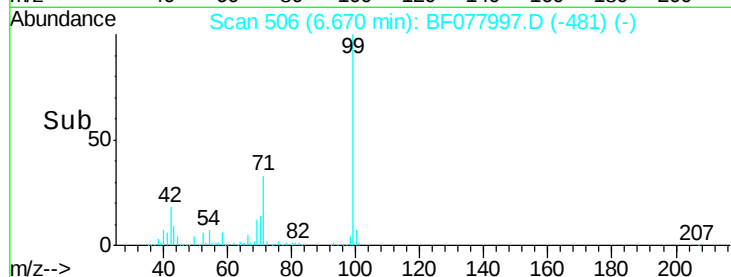
71 32.9 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF077997.D

Acq: 26 Mar 2015 16:07

Tgt Ion: 136 Resp: 140198

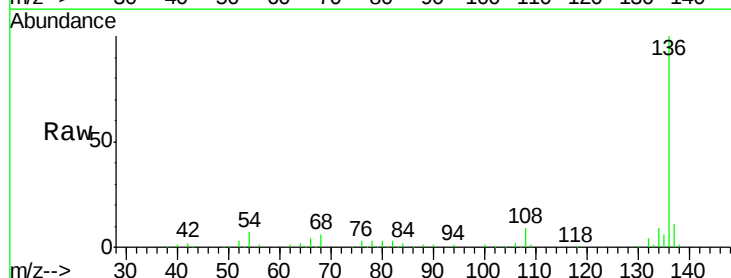
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.5 4.6 6.8

68 5.6 3.7 5.5#

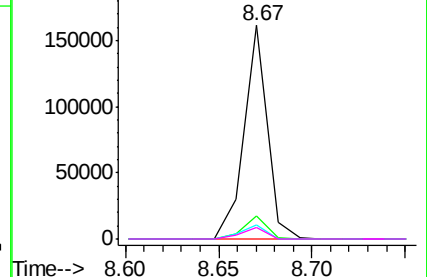
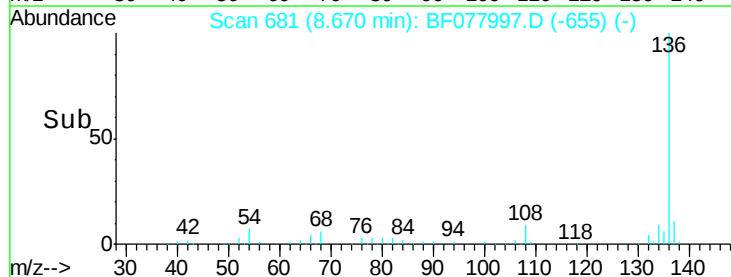


Abundance Ion 136.00 (135.70 to 136.70): E

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

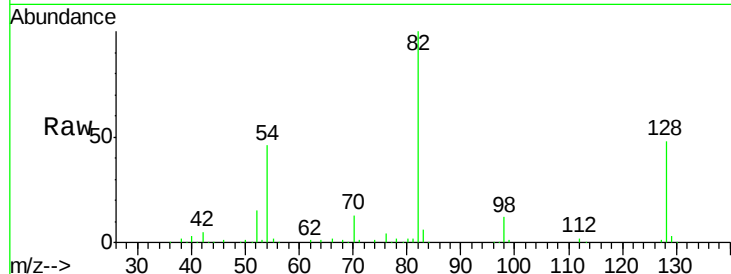




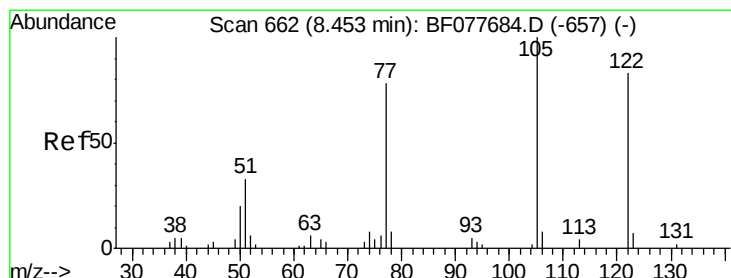
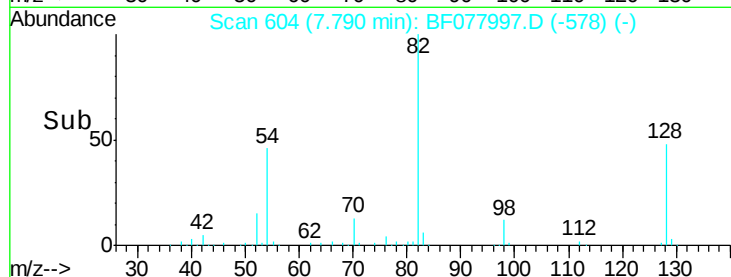
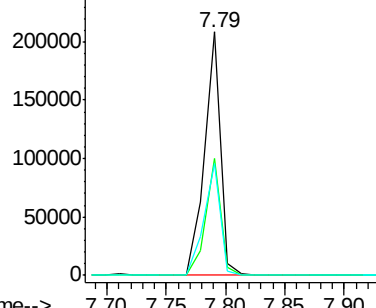
#23
 Nitrobenzene-d5
 Concen: 91.09 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF077997.D
 Acq: 26 Mar 2015 16:07

Instrument :
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 ClientSampleId :
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Tgt Ion: 82 Resp: 194814
 Ion Ratio Lower Upper
 82 100
 128 47.9 32.8 49.2
 54 46.1 40.6 60.8

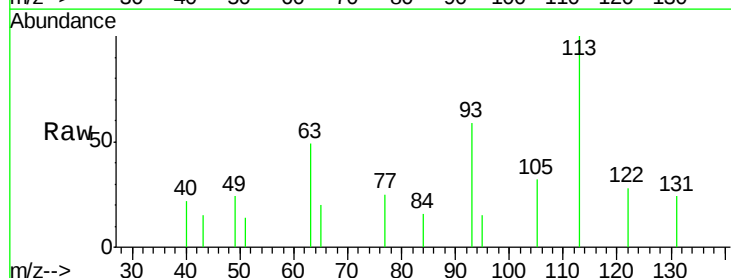


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

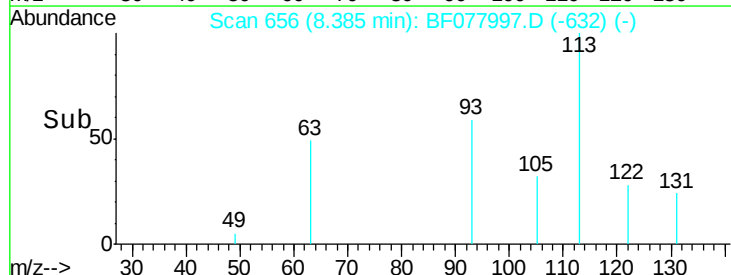
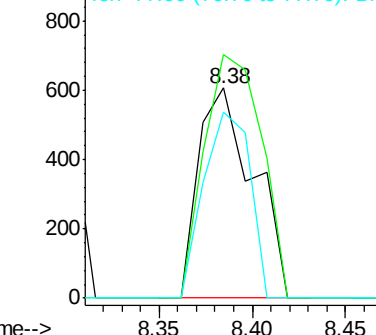


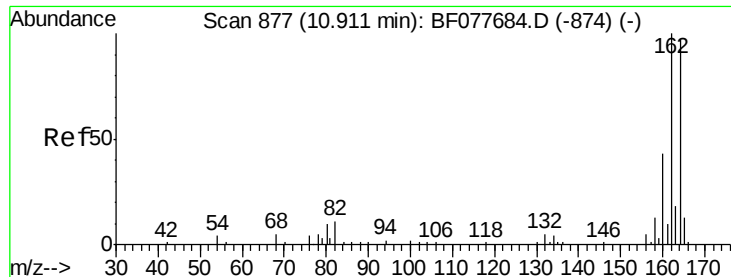
#32
 Benzoic acid
 Concen: 4.11 ng
 RT: 8.38 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF077997.D
 Acq: 26 Mar 2015 16:07

Tgt Ion: 122 Resp: 1247
 Ion Ratio Lower Upper
 122 100
 105 115.8 99.9 139.9
 77 88.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0

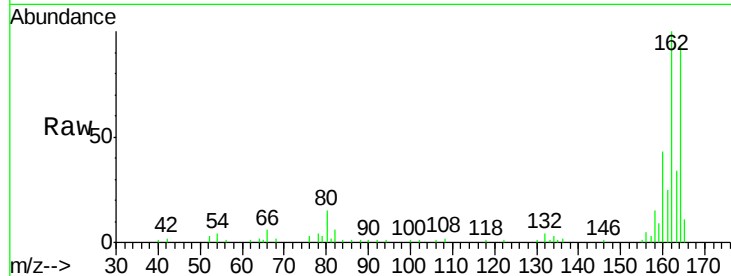




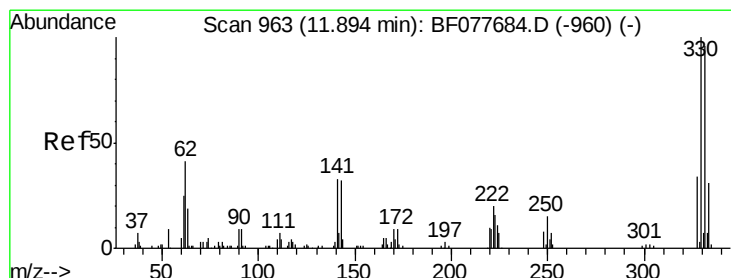
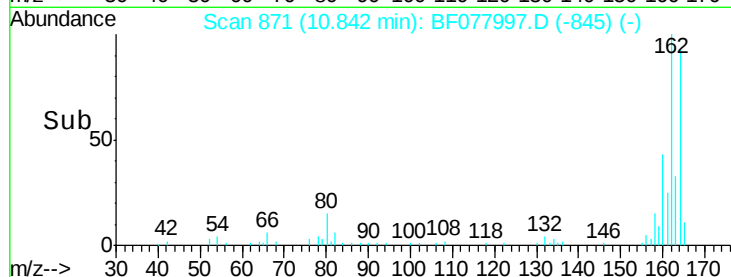
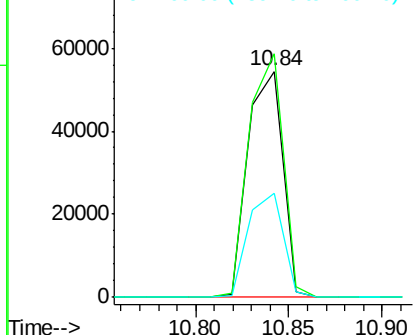
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF077997.D
 Acq: 26 Mar 2015 16:07

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Tgt Ion:164 Resp: 70494
 Ion Ratio Lower Upper
 164 100
 162 107.7 82.4 123.6
 160 45.9 35.8 53.6

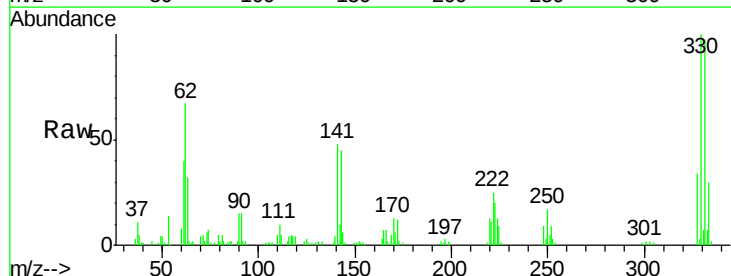


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

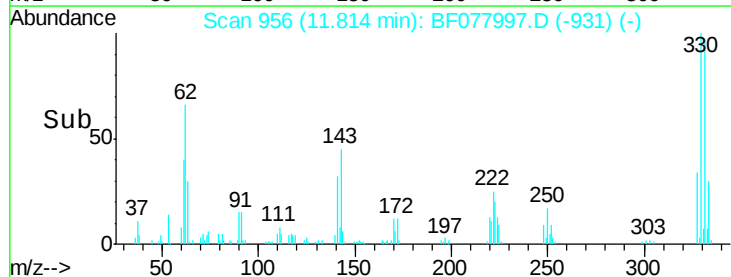
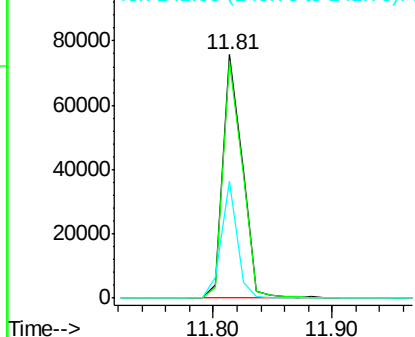


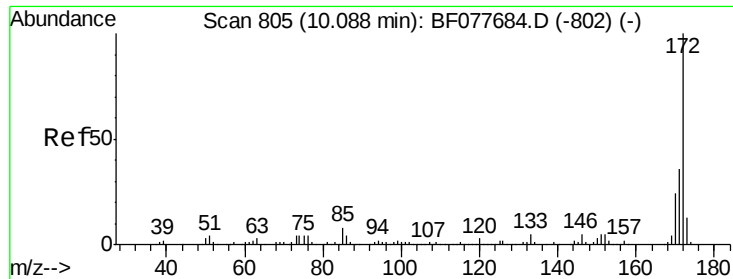
#41
 2,4,6-Tribromophenol
 Concen: 125.23 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077997.D
 Acq: 26 Mar 2015 16:07

Tgt Ion:330 Resp: 84463
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 39.5 0.0 0.0#



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

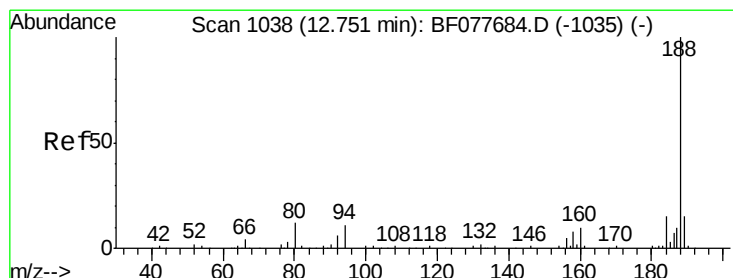
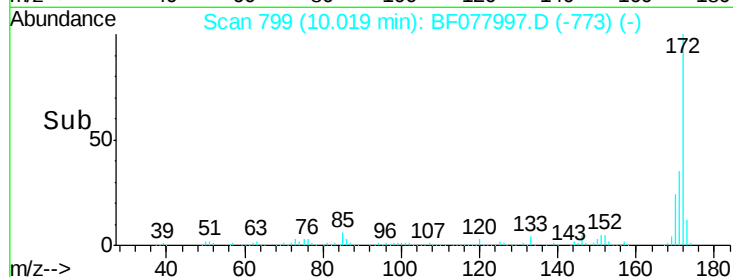
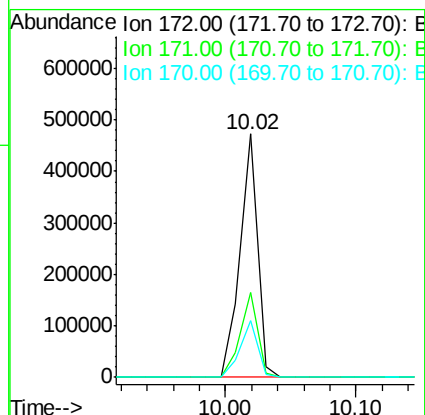
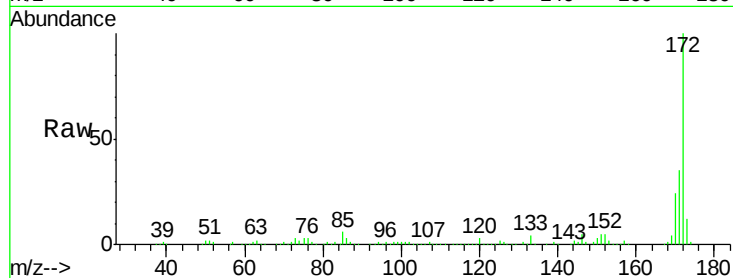




#44
 2-Fluorobiphenyl
 Concen: 91.55 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077997.D
 Acq: 26 Mar 2015 16:07

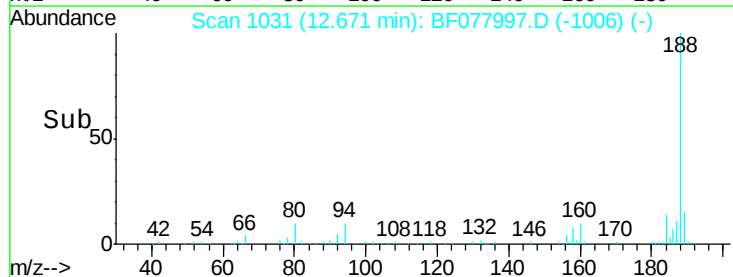
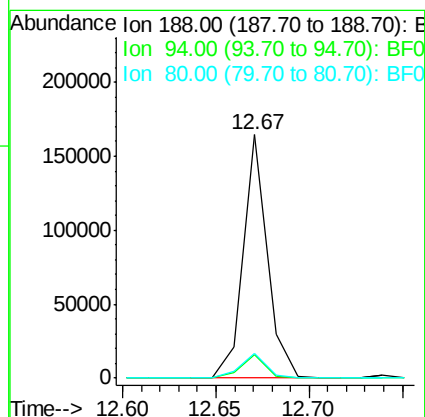
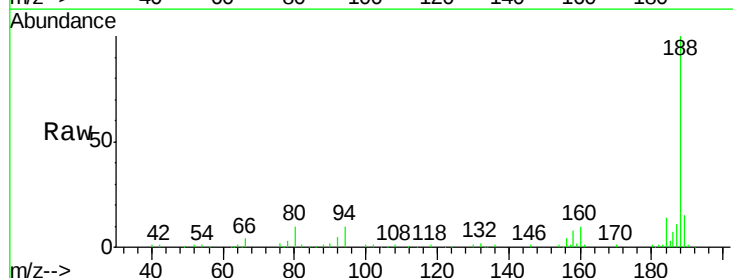
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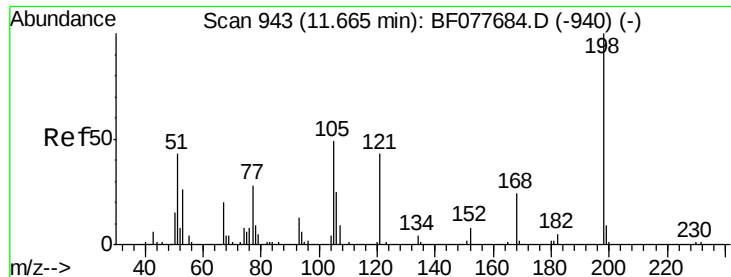
Tgt Ion:172 Resp: 439124
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.5 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077997.D
 Acq: 26 Mar 2015 16:07

Tgt Ion:188 Resp: 148638
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.7 13.1
 80 10.4 9.3 13.9

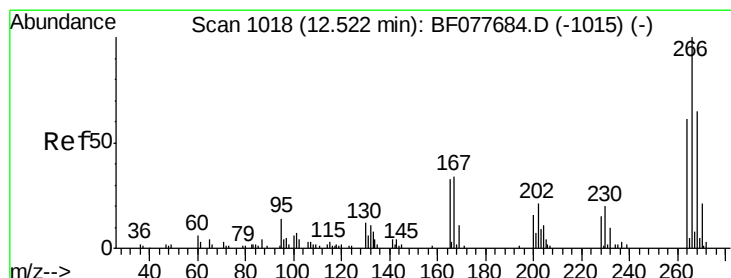
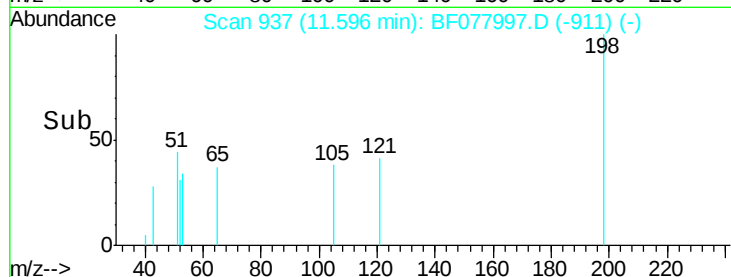
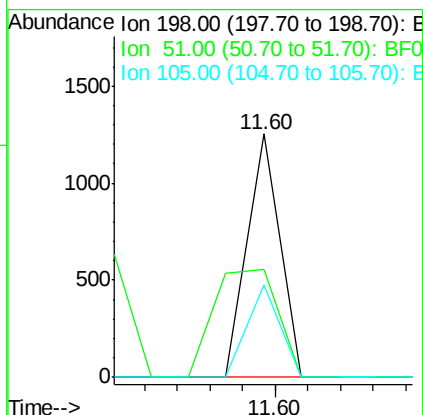
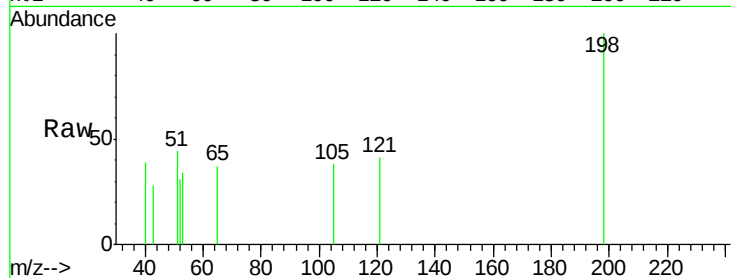




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.41 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF077997.D
 Acq: 26 Mar 2015 16:07

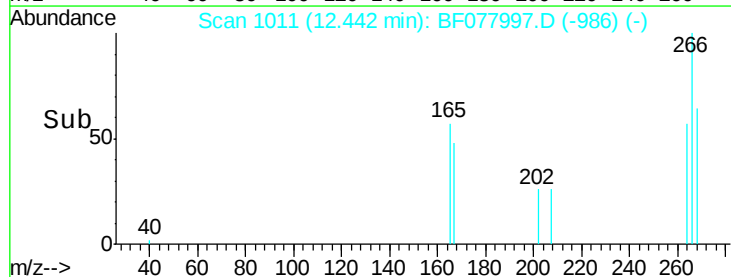
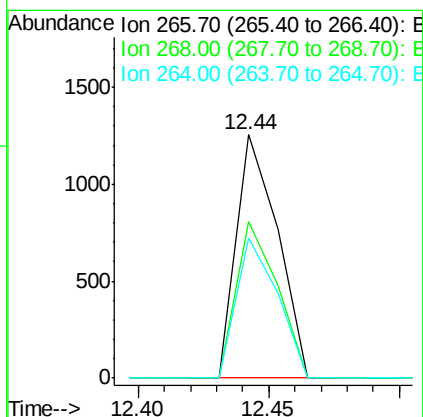
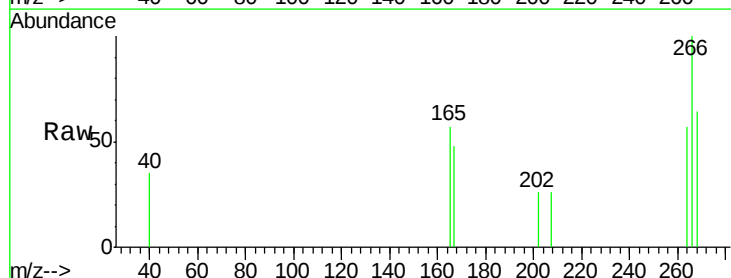
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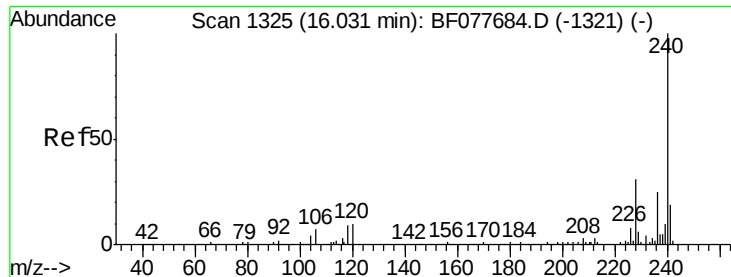
Tgt Ion:198 Resp: 860
 Ion Ratio Lower Upper
 198 100
 51 44.1 28.8 68.8
 105 38.1 30.5 70.5



#69
 Pentachlorophenol
 Concen: 4.55 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF077997.D
 Acq: 26 Mar 2015 16:07

Tgt Ion:266 Resp: 1390
 Ion Ratio Lower Upper
 266 100
 268 64.4 52.0 78.0
 264 57.2 49.0 73.4

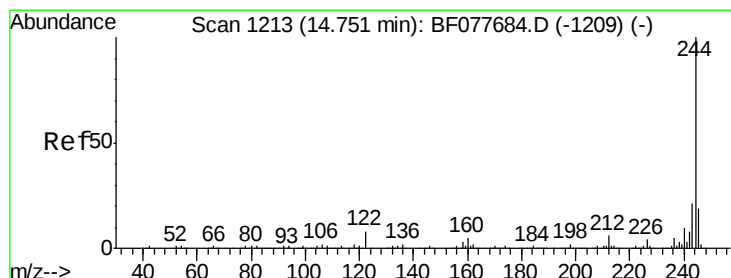
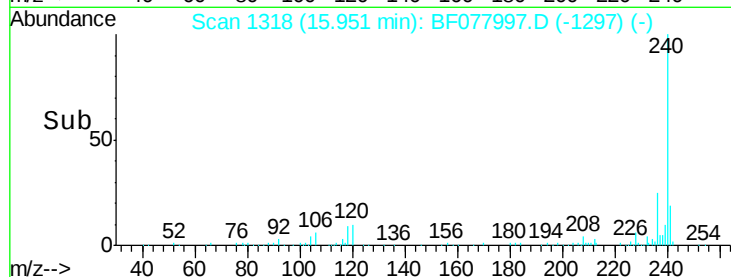
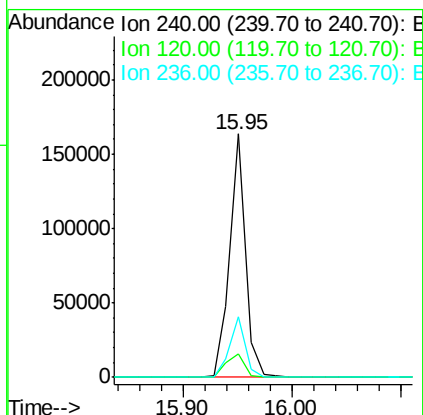
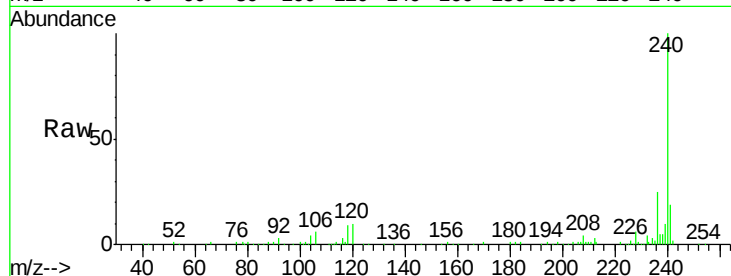




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF077997.D
Acq: 26 Mar 2015 16:07

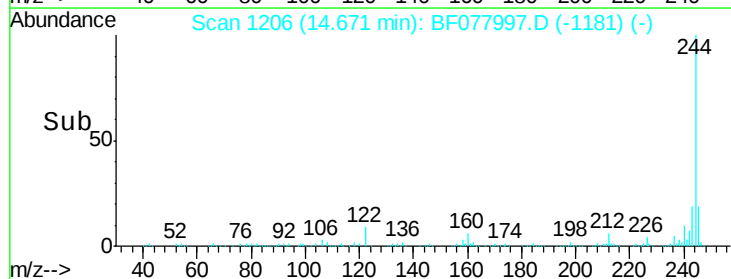
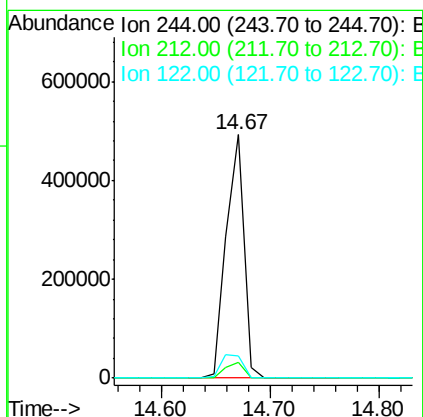
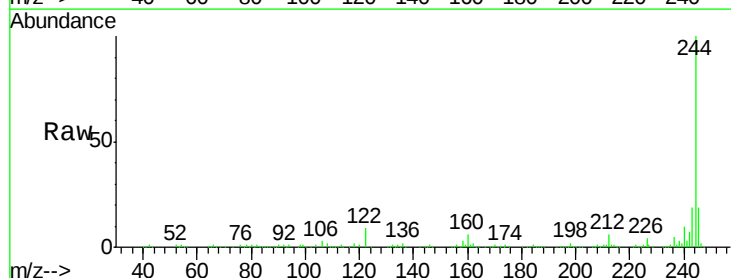
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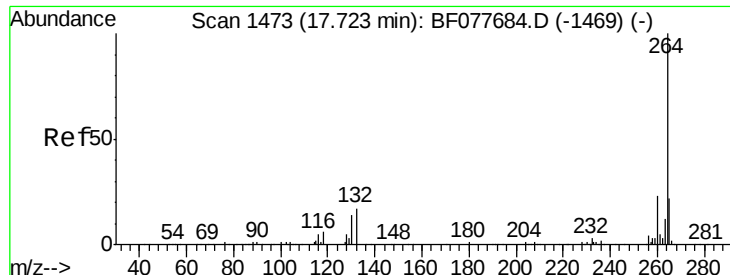
Tgt Ion:240 Resp: 165332
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 24.7 20.0 30.0



#78
Terphenyl-d14
Concen: 82.22 ng
RT: 14.67 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF077997.D
Acq: 26 Mar 2015 16:07

Tgt Ion:244 Resp: 556494
Ion Ratio Lower Upper
244 100
212 6.4 4.9 7.3
122 9.1 6.2 9.4

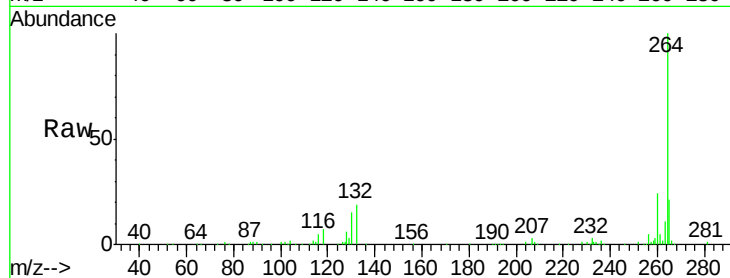




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.22 min
Lab File: BF077997.D
Acq: 26 Mar 2015 16:07

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion: 264 Resp: 155763
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.0 17.3 25.9



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

