

Data Path : Z:\HPCHEM1\BNA_L\DATA\BL062111\
 Data File : BL000314.D
 Acq On : 21 Jun 2011 15:48
 Operator : HLM/JCSA
 Sample : PB56184BL
 Misc : SOIL BNA_L HLM
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 05:23:57 2011
 Quant Method : H:\VOL1\GCMSDATA\L\METHODS\BL060911.M
 Quant Title : SW-846 Method 8270
 QLast Update : Wed Jun 22 15:00:59 2011
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.86	152	911493	40.00	ug/ml	0.00
22) Naphthalene-d8	12.17	136	2288652	40.00	ug/ml	-0.01
39) Acenaphthene-d10	15.41	164	910130	40.00	ug/ml	-0.01
62) Phenanthrene-d10	18.19	188	1019550	40.00	ug/ml	-0.01
78) Chrysene-d12	21.79	240	511091	40.00	ug/ml	-0.01
86) Perylene-d12	23.87	264	382423	40.00	ug/ml	-0.01

System Monitoring Compounds

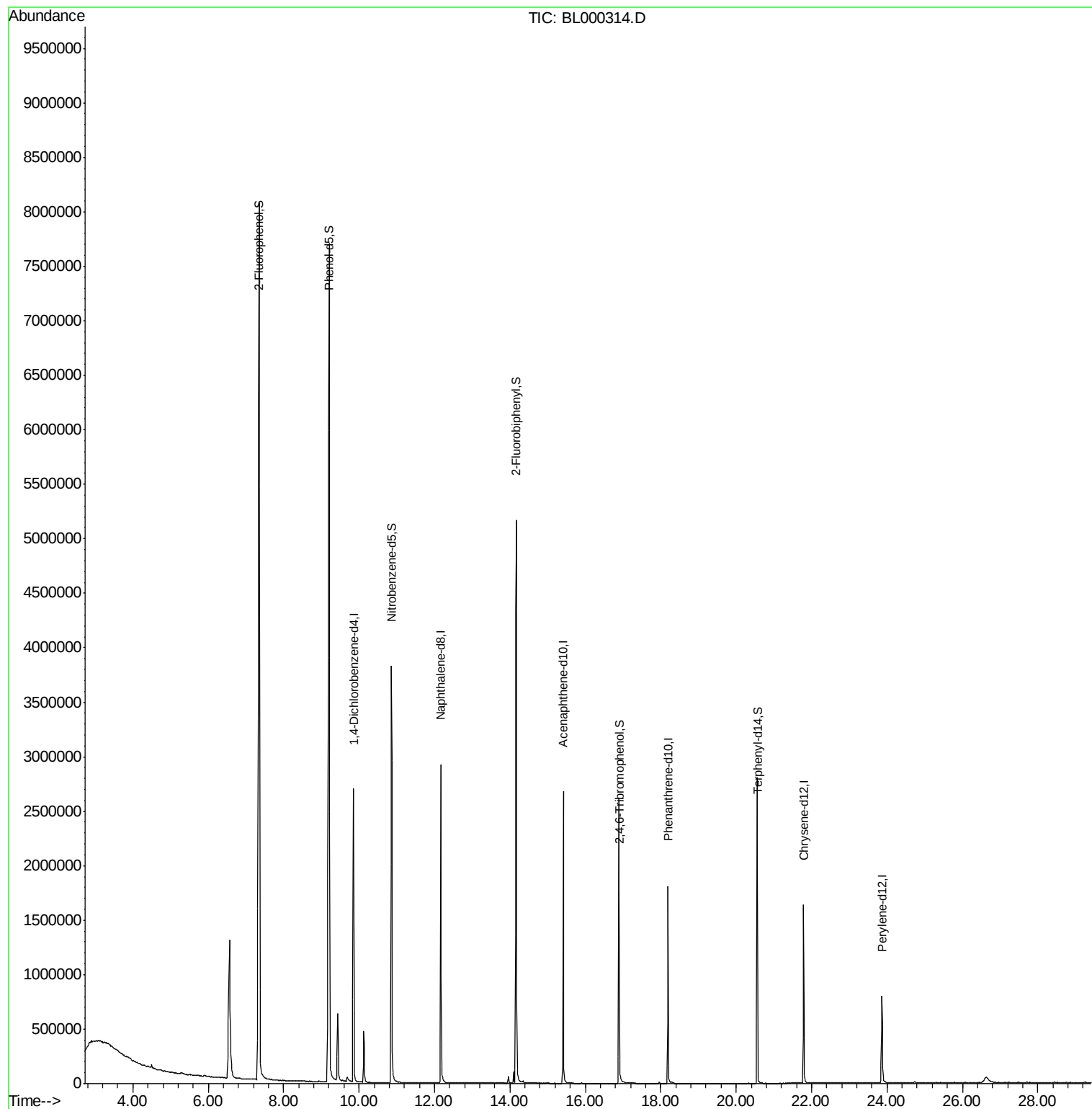
5) 2-Fluorophenol	7.35	112	5805332	169.87	ug/ml	0.03
Spiked Amount	200.000	Range	35 - 105	Recovery	=	84.94%
9) Phenol-d5	9.20	99	6479405	154.11	ug/ml	0.00
Spiked Amount	200.000	Range	40 - 100	Recovery	=	77.06%
23) Nitrobenzene-d5	10.86	82	2417727	106.65	ug/ml	-0.01
Spiked Amount	100.000	Range	35 - 100	Recovery	=	106.65%#
43) 2-Fluorobiphenyl	14.17	172	2832557	95.46	ug/ml	0.00
Spiked Amount	100.000	Range	45 - 105	Recovery	=	95.46%
61) 2,4,6-Tribromophenol	16.90	330	462292	158.51	ug/ml	0.00
Spiked Amount	200.000	Range	35 - 125	Recovery	=	79.25%
80) Terphenyl-d14	20.56	244	1092361	122.04	ug/ml	0.01
Spiked Amount	100.000	Range	30 - 125	Recovery	=	122.04%

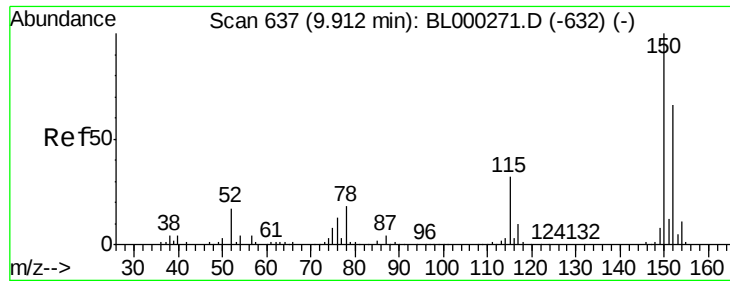
Target Compounds	Qvalue

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

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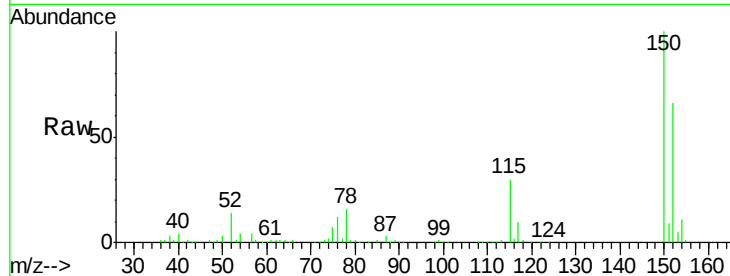




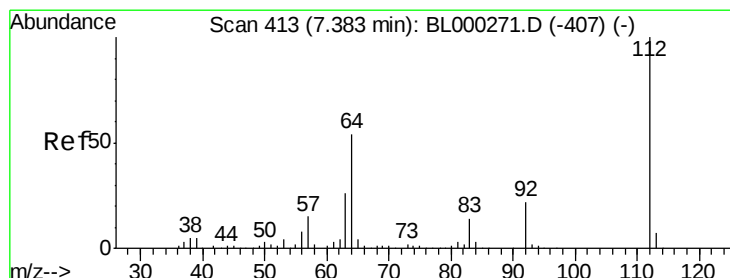
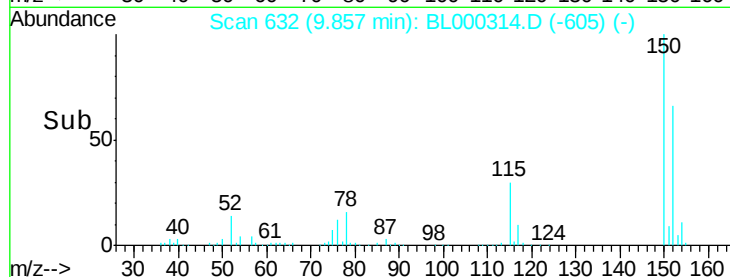
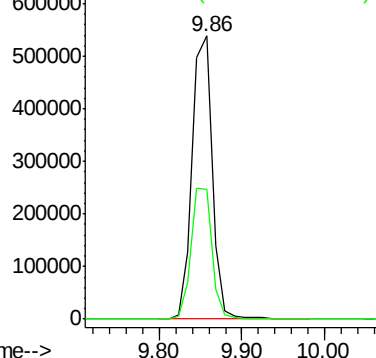
#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ug/ml
RT: 9.86 min Scan# 632
Delta R.T. 0.00 min
Lab File: BL000314.D
Acq: 21 Jun 2011 15:48

Tgt Ion:152 Resp: 911493
Ion Ratio Lower Upper
152 100
115 45.9 27.0 67.0



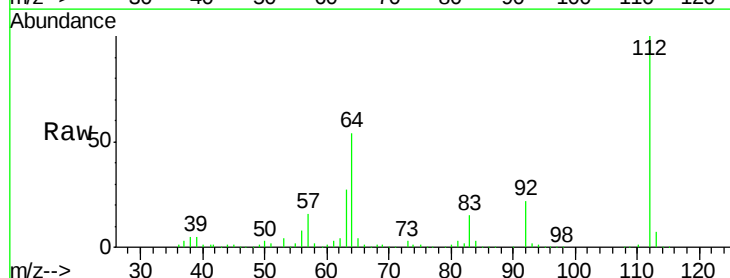
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 115.00 (114.70 to 115.70): E



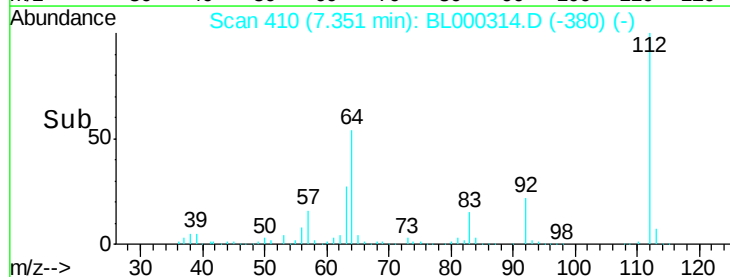
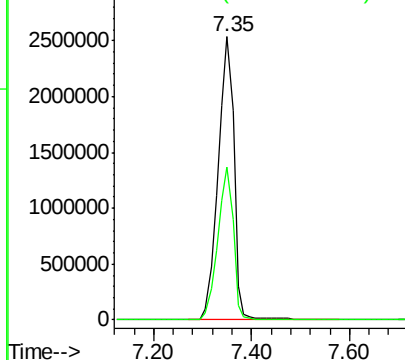
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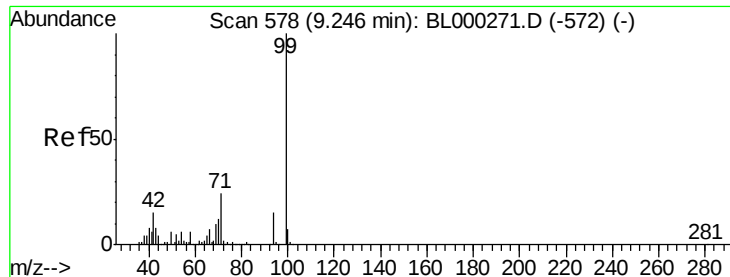
2-Fluorophenol
Concen: 169.87 ug/ml
RT: 7.35 min Scan# 410
Delta R.T. 0.03 min
Lab File: BL000314.D
Acq: 21 Jun 2011 15:48

Tgt Ion:112 Resp: 5805332
Ion Ratio Lower Upper
112 100
64 54.2 32.8 72.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BL0





#9

Phenol-d5

Concen: 154.11 ug/ml

RT: 9.20 min Scan# 574

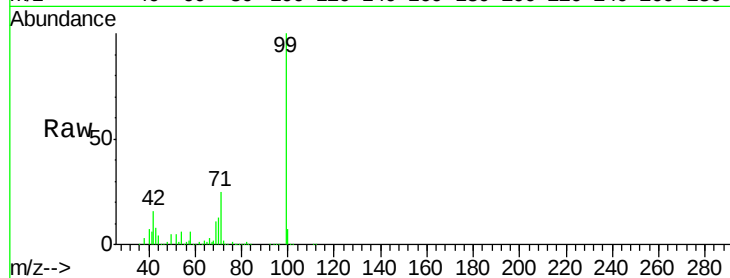
Delta R.T. 0.00 min

Lab File: BL000314.D

Acq: 21 Jun 2011 15:48

Tgt Ion: 99 Resp: 6479405

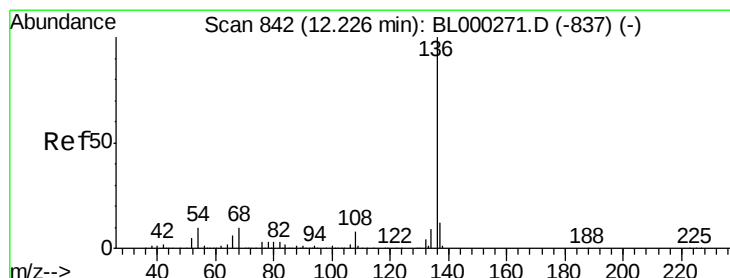
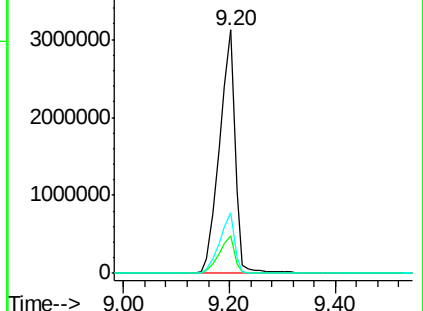
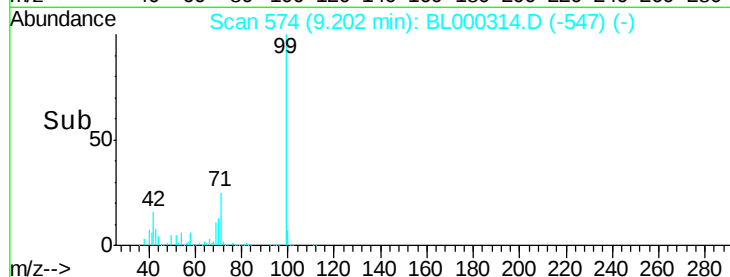
Ion	Ratio	Lower	Upper
99	100		
42	15.6	0.0	35.6
71	24.8	3.6	43.6



Abundance Ion 99.00 (98.70 to 99.70): BL0

Ion 42.00 (41.70 to 42.70): BL0

Ion 71.00 (70.70 to 71.70): BL0



#22

Naphthalene-d8

Concen: 40.00 ug/ml

RT: 12.17 min Scan# 837

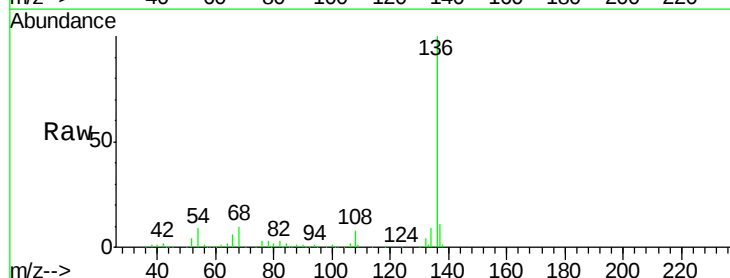
Delta R.T. -0.01 min

Lab File: BL000314.D

Acq: 21 Jun 2011 15:48

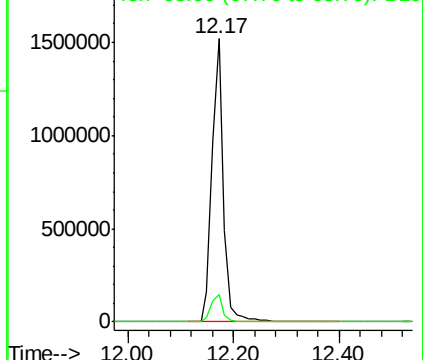
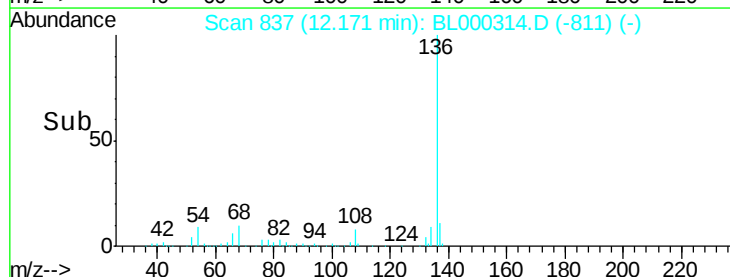
Tgt Ion: 136 Resp: 2288652

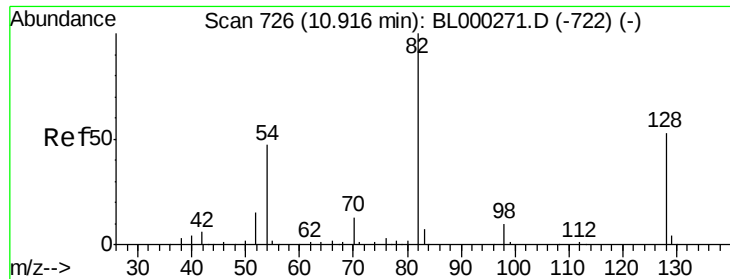
Ion	Ratio	Lower	Upper
136	100		
68	9.8	0.0	29.0



Abundance Ion 136.00 (135.70 to 136.70): E

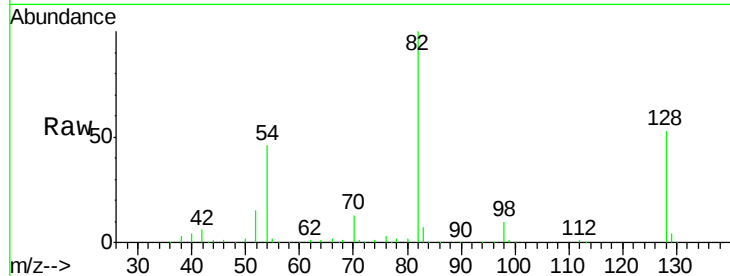
Ion 68.00 (67.70 to 68.70): BL0



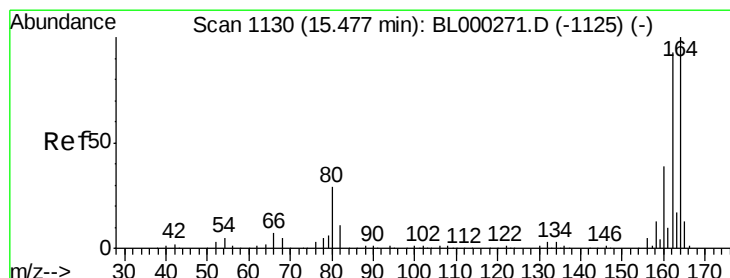
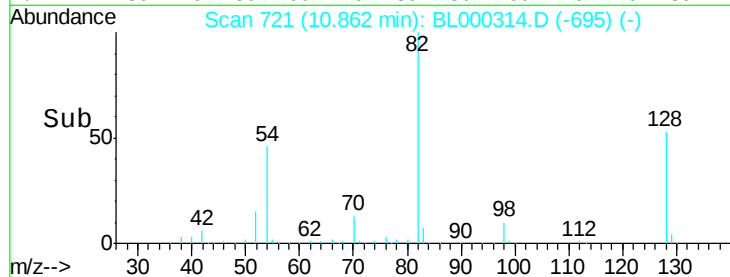
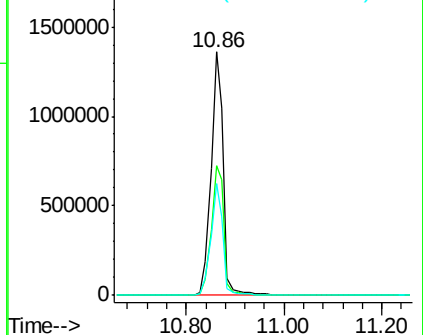


#23
 Nitrobenzene-d5
 Concen: 106.65 ug/ml
 RT: 10.86 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BL000314.D
 Acq: 21 Jun 2011 15:48

Tgt Ion: 82 Resp: 2417727
 Ion Ratio Lower Upper
 82 100
 128 53.3 36.8 76.8
 54 45.9 24.1 64.1

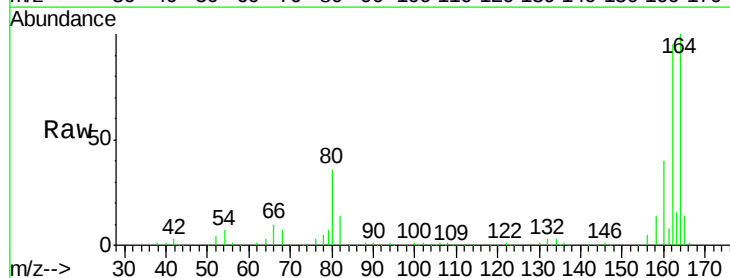


Abundance Ion 82.00 (81.70 to 82.70): BL0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BL0

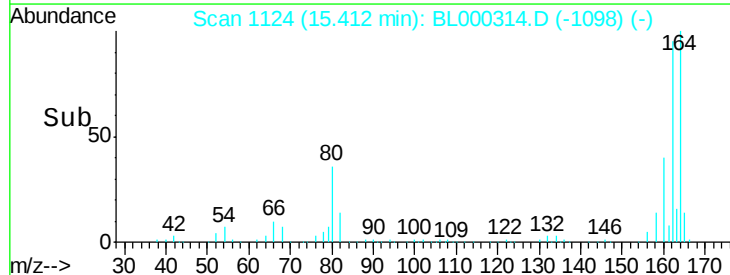
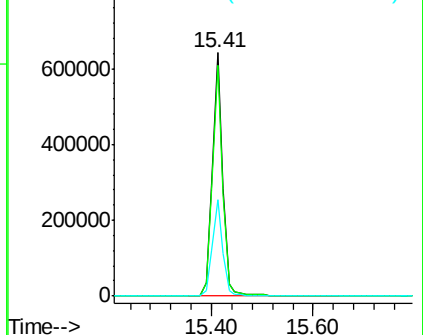


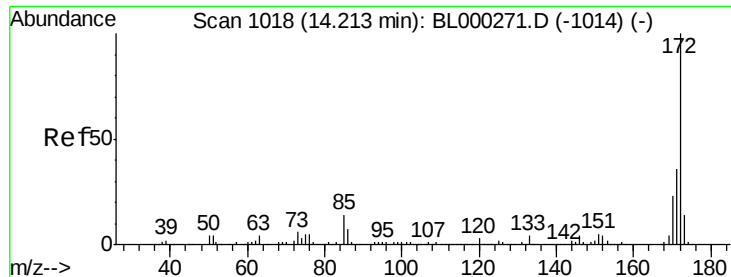
#39
 Acenaphthene-d10
 Concen: 40.00 ug/ml
 RT: 15.41 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BL000314.D
 Acq: 21 Jun 2011 15:48

Tgt Ion: 164 Resp: 910130
 Ion Ratio Lower Upper
 164 100
 162 94.6 72.4 112.4
 160 39.8 19.7 59.7



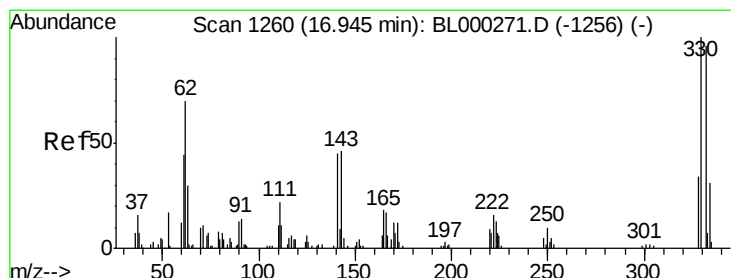
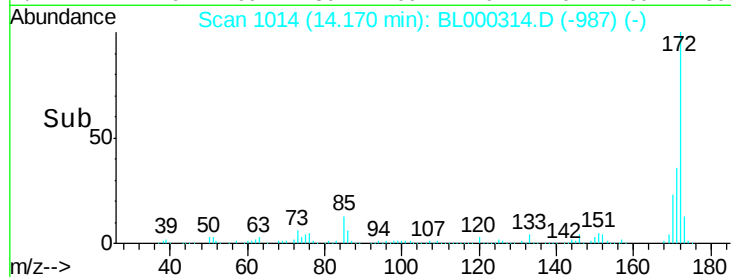
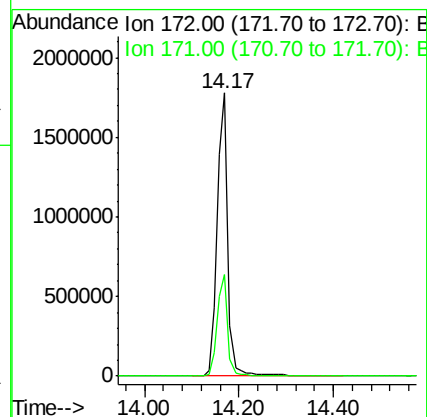
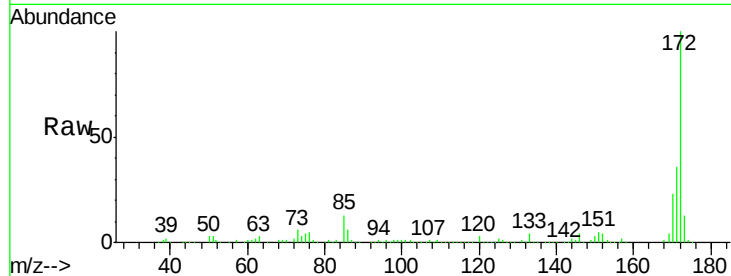
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





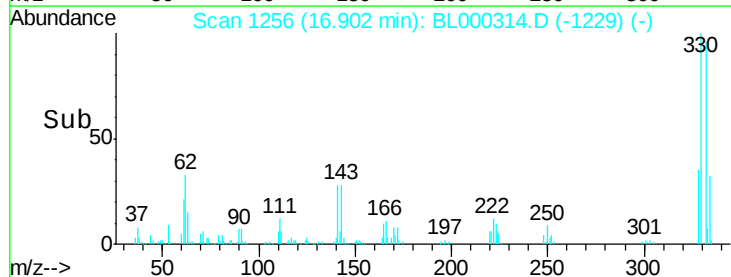
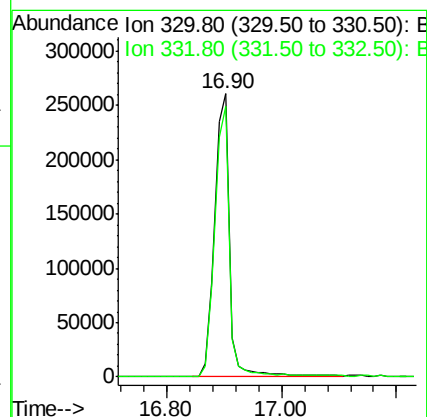
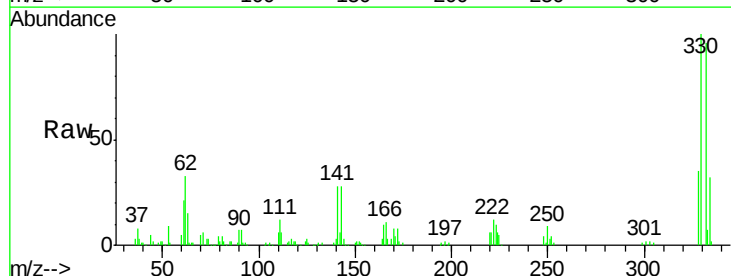
#43
 2-Fluorobiphenyl
 Concen: 95.46 ug/ml
 RT: 14.17 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BL000314.D
 Acq: 21 Jun 2011 15:48

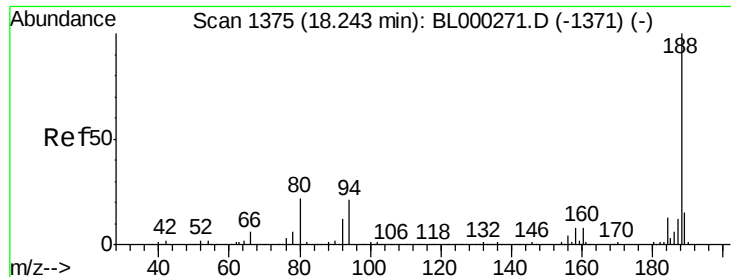
Tgt Ion:172 Resp: 2832557
 Ion Ratio Lower Upper
 172 100
 171 36.1 16.0 56.0



#61
 2,4,6-Tribromophenol
 Concen: 158.51 ug/ml
 RT: 16.90 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BL000314.D
 Acq: 21 Jun 2011 15:48

Tgt Ion:330 Resp: 462292
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5





#62

Phenanthrene-d10

Concen: 40.00 ug/ml

RT: 18.19 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BL000314.D

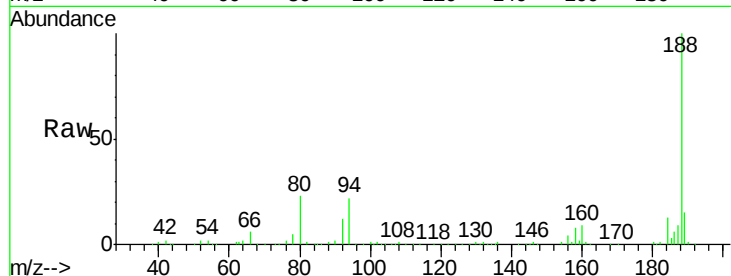
Acq: 21 Jun 2011 15:48

Tgt Ion:188 Resp: 1019550

Ion Ratio Lower Upper

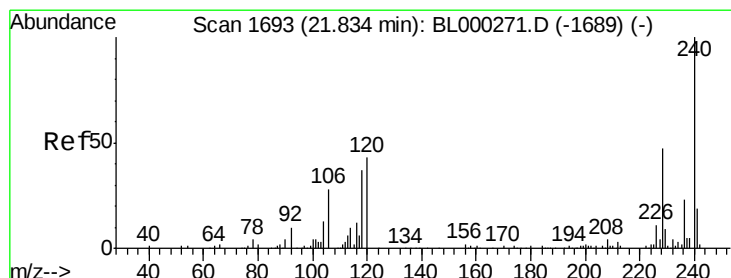
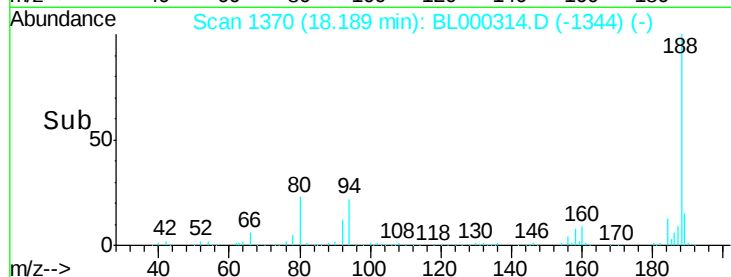
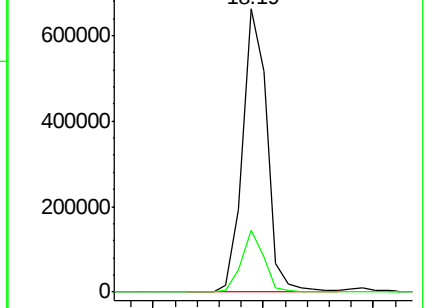
188 100

94 21.9 0.0 39.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BL0



#78

Chrysene-d12

Concen: 40.00 ug/ml

RT: 21.79 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BL000314.D

Acq: 21 Jun 2011 15:48

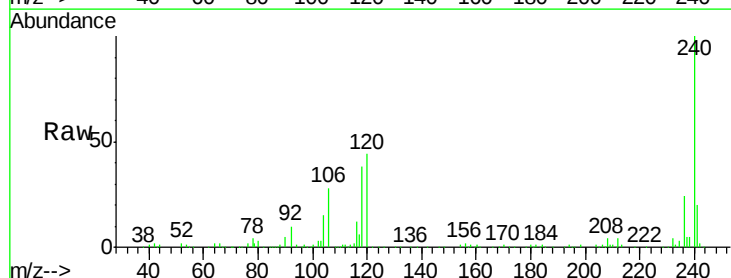
Tgt Ion:240 Resp: 511091

Ion Ratio Lower Upper

240 100

120 44.1 16.3 56.3

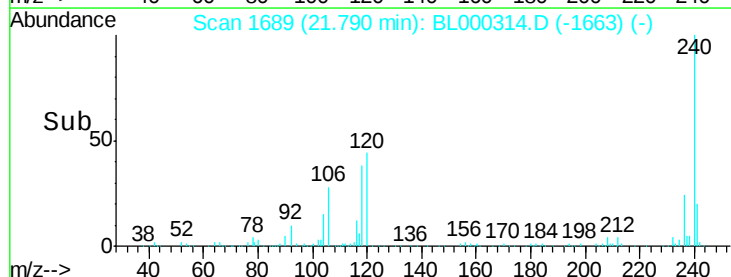
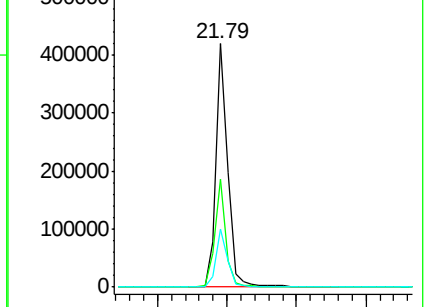
236 24.1 3.9 43.9

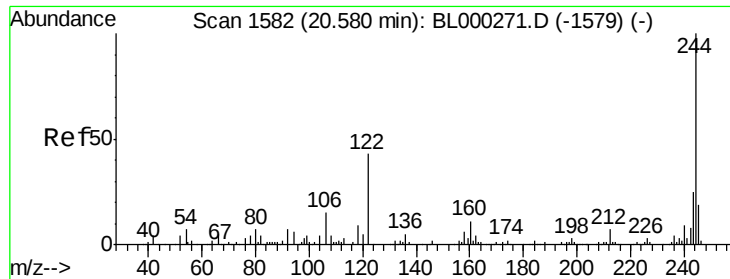


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

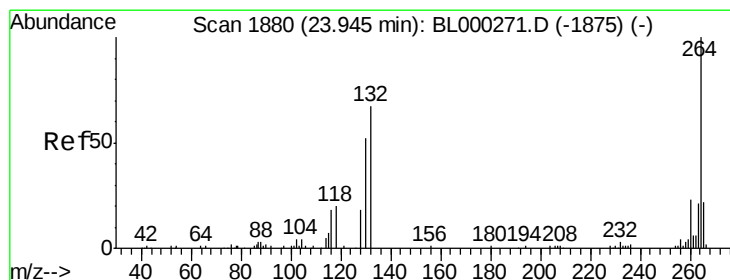
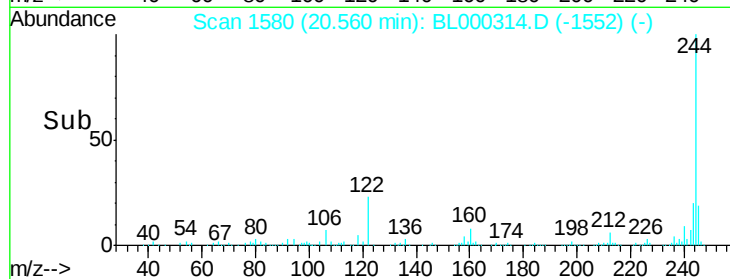
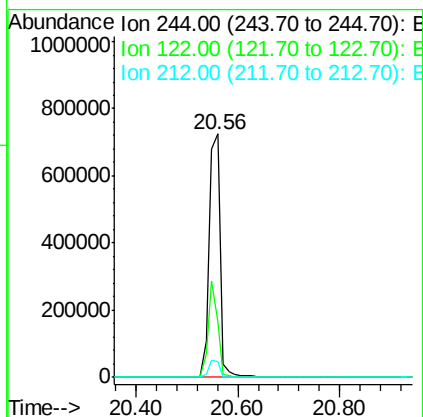
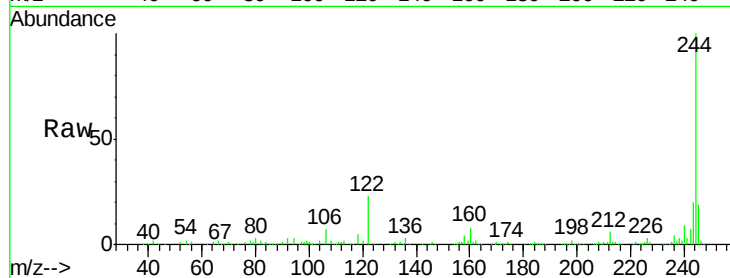
Ion 236.00 (235.70 to 236.70): E





#80
 Terphenyl-d14
 Concen: 122.04 ug/ml
 RT: 20.56 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BL000314.D
 Acq: 21 Jun 2011 15:48

Tgt Ion:244 Resp: 1092361
 Ion Ratio Lower Upper
 244 100
 122 22.6 18.3 58.3
 212 6.3 0.0 27.0



#86
 Perylene-d12
 Concen: 40.00 ug/ml
 RT: 23.87 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BL000314.D
 Acq: 21 Jun 2011 15:48

Tgt Ion:264 Resp: 382423
 Ion Ratio Lower Upper
 264 100
 260 21.5 2.7 42.7
 265 21.4 0.6 40.6

