

Data Path : Z:\HPCHEM1\BNA_L\DATA\BL062111\
 Data File : BL000321.D
 Acq On : 21 Jun 2011 20:20
 Operator : HLM/JCSA
 Sample : C2622-04
 Misc : SOIL BNA_L HLM
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 25 05:25:14 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	9.85	152	799574	40.00	ug/ml	0.00
22) Naphthalene-d8	12.18	136	2080950	40.00	ug/ml	0.00
39) Acenaphthene-d10	15.42	164	822305	40.00	ug/ml	0.00
62) Phenanthrene-d10	18.19	188	904456	40.00	ug/ml	0.00
78) Chrysene-d12	21.79	240	476719	40.00	ug/ml	0.00
86) Perylene-d12	23.87	264	354672	40.00	ug/ml	0.00

System Monitoring Compounds

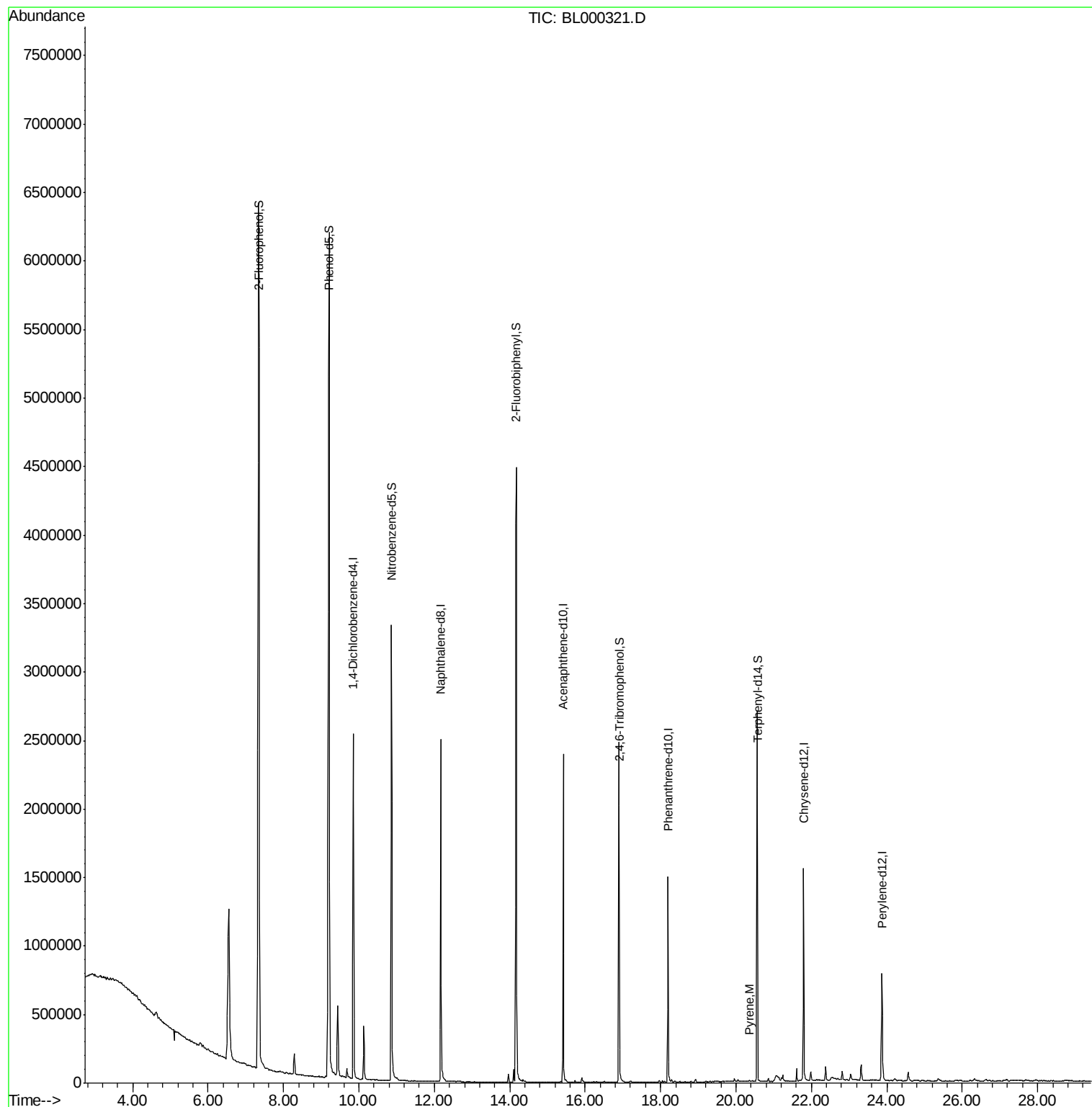
5) 2-Fluorophenol	7.34	112	4710582	157.13	ug/ml	0.03
Spiked Amount	200.000	Range	35 - 105	Recovery	=	78.56%
9) Phenol-d5	9.21	99	5397463	146.34	ug/ml	0.00
Spiked Amount	200.000	Range	40 - 100	Recovery	=	73.17%
23) Nitrobenzene-d5	10.87	82	2020242	98.01	ug/ml	0.00
Spiked Amount	100.000	Range	35 - 100	Recovery	=	98.01%
43) 2-Fluorobiphenyl	14.17	172	2611828	97.42	ug/ml	0.00
Spiked Amount	100.000	Range	45 - 105	Recovery	=	97.42%
61) 2,4,6-Tribromophenol	16.91	330	451244	171.25	ug/ml	0.00
Spiked Amount	200.000	Range	35 - 125	Recovery	=	85.63%
80) Terphenyl-d14	20.56	244	1057208	126.63	ug/ml	0.02
Spiked Amount	100.000	Range	30 - 125	Recovery	=	126.63%#

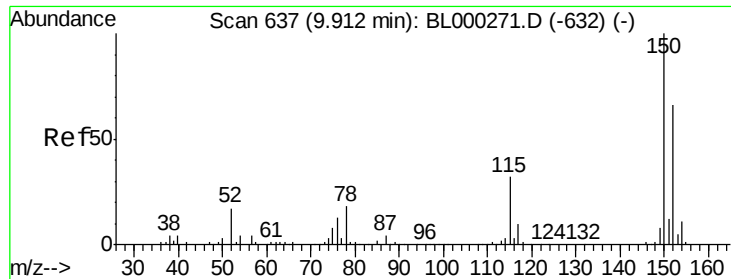
Target Compounds					Qvalue
79) Pyrene	20.35	202	4750	1.61 ug/ml	92

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

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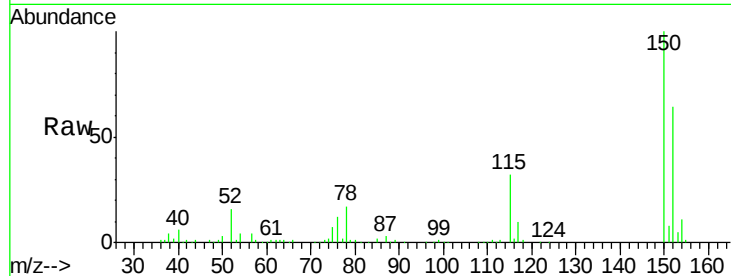
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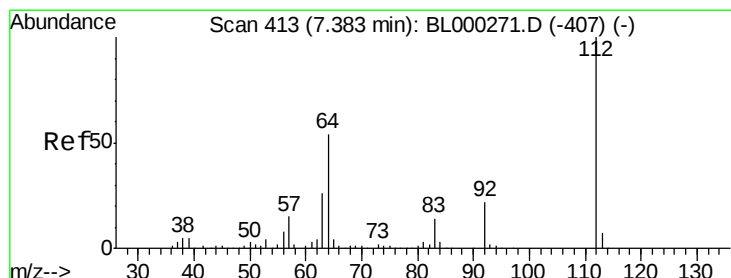
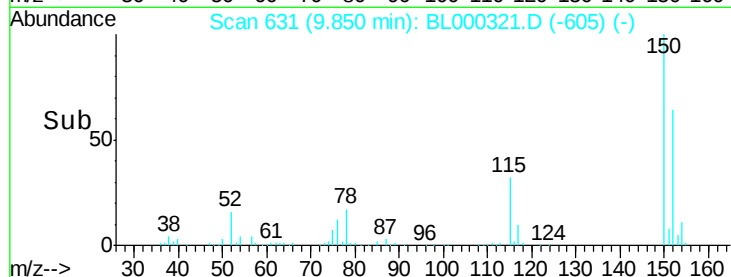
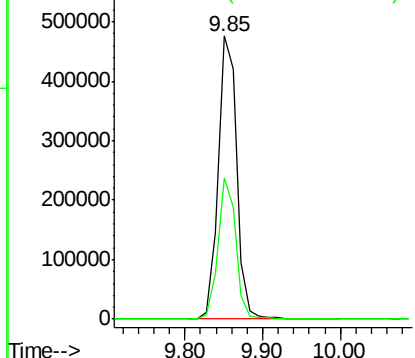


#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ug/ml
 RT: 9.85 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BL000321.D
 Acq: 21 Jun 2011 20:20

Tgt Ion:152 Resp: 799574
 Ion Ratio Lower Upper
 152 100
 115 49.8 27.0 67.0

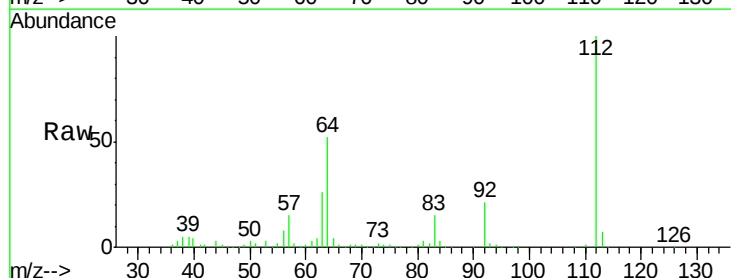


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 115.00 (114.70 to 115.70): E

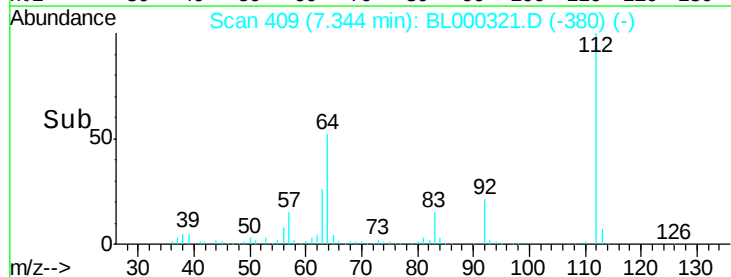
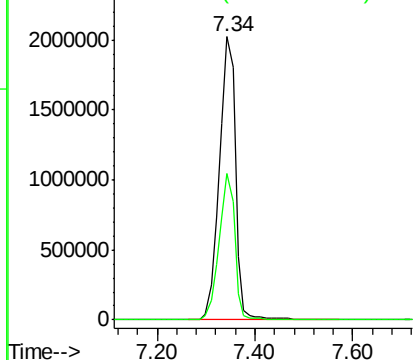


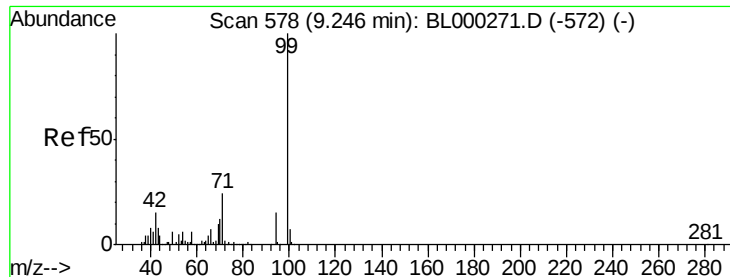
#5
 2-Fluorophenol
 Concen: 157.13 ug/ml
 RT: 7.34 min Scan# 409
 Delta R.T. 0.03 min
 Lab File: BL000321.D
 Acq: 21 Jun 2011 20:20

Tgt Ion:112 Resp: 4710582
 Ion Ratio Lower Upper
 112 100
 64 51.9 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: 146.34 ug/ml

RT: 9.21 min Scan# 574

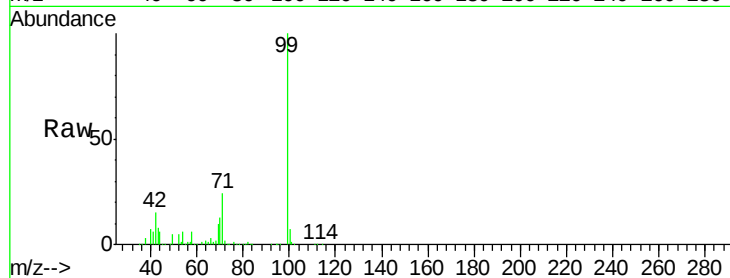
Delta R.T. 0.01 min

Lab File: BL000321.D

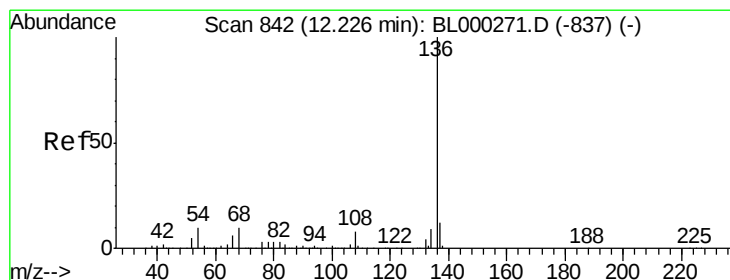
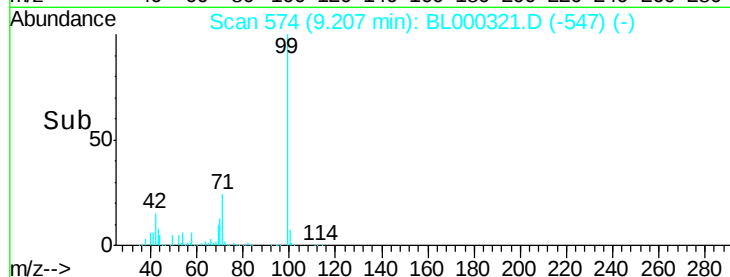
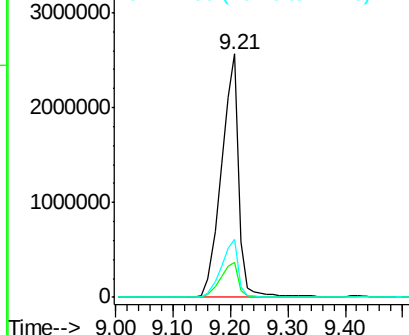
Acq: 21 Jun 2011 20:20

Tgt Ion: 99 Resp: 5397463

Ion	Ratio	Lower	Upper
99	100		
42	14.6	0.0	35.6
71	23.7	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: 12.18 min Scan# 837

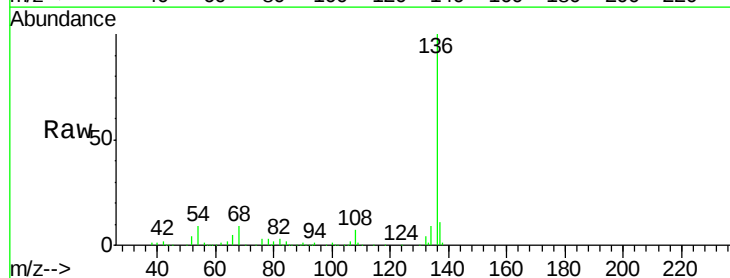
Delta R.T. -0.01 min

Lab File: BL000321.D

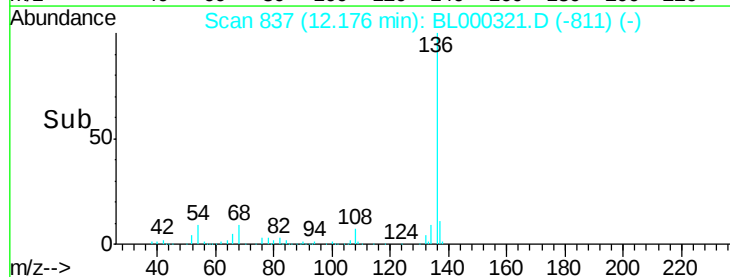
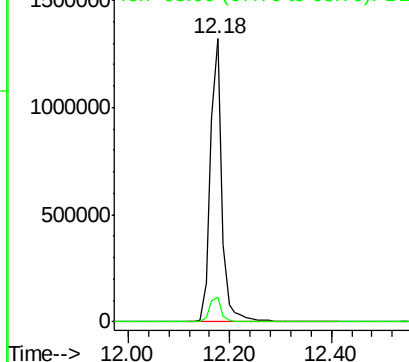
Acq: 21 Jun 2011 20:20

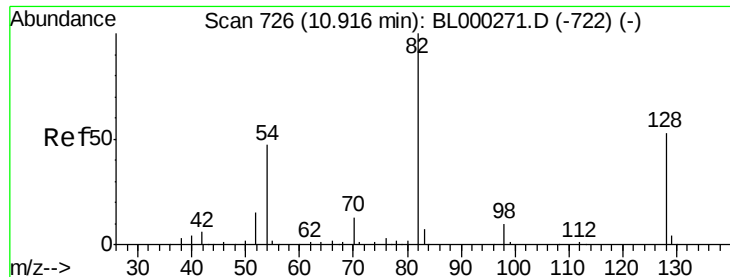
Tgt Ion: 136 Resp: 2080950

Ion	Ratio	Lower	Upper
136	100		
68	8.7	0.0	29.0



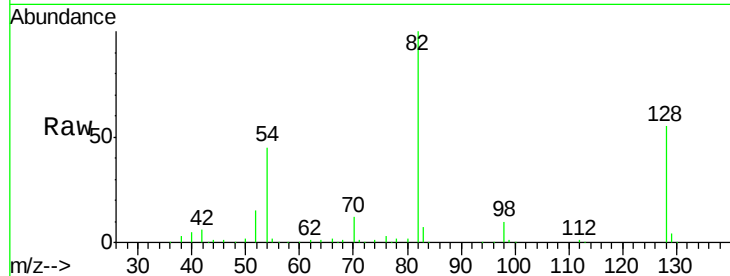
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 68.00 (67.70 to 68.70): BL0



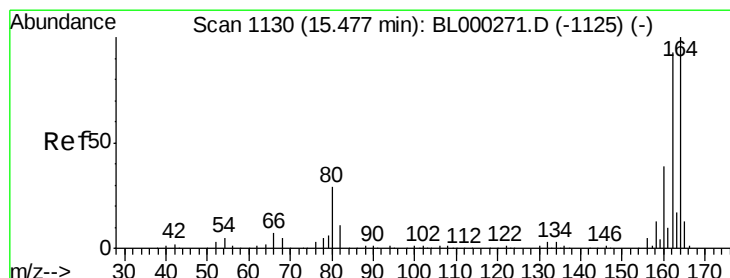
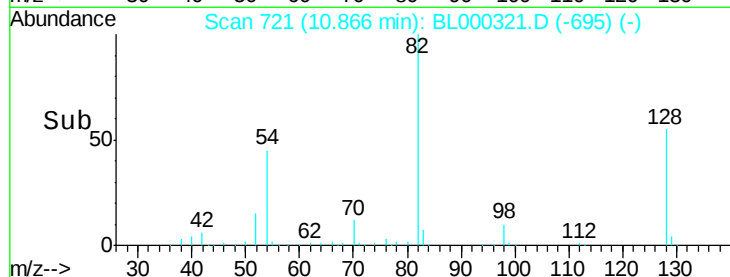
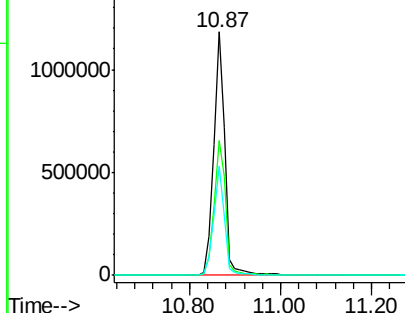


#23
 Nitrobenzene-d5
 Concen: 98.01 ug/ml
 RT: 10.87 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BL000321.D
 Acq: 21 Jun 2011 20:20

Tgt Ion: 82 Resp: 2020242
 Ion Ratio Lower Upper
 82 100
 128 55.1 36.8 76.8
 54 44.8 24.1 64.1

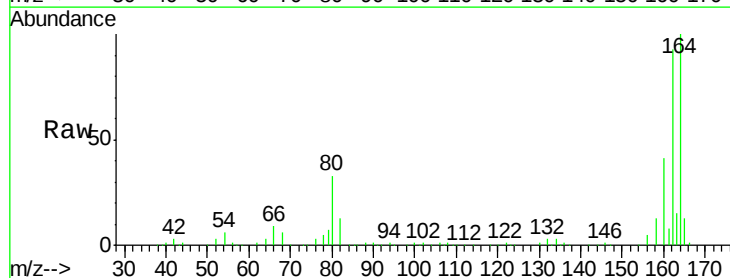


Abundance Ion 82.00 (81.70 to 82.70): BL0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BL0

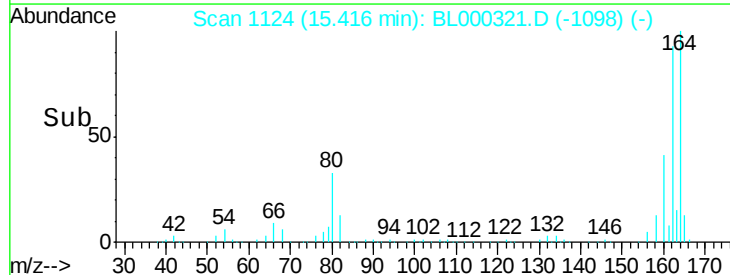
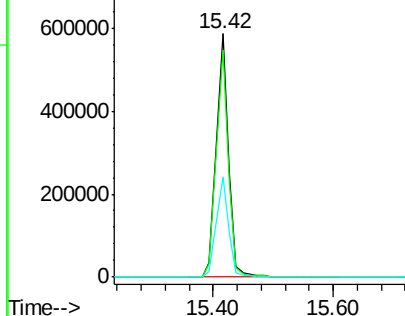


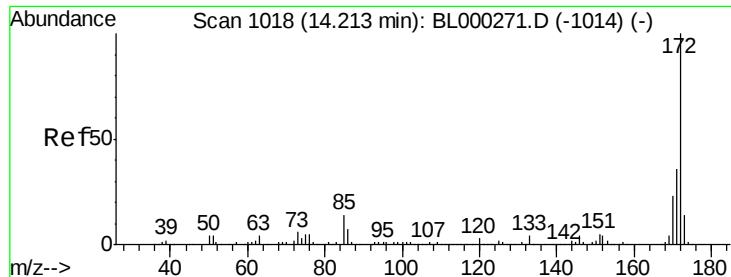
#39
 Acenaphthene-d10
 Concen: 40.00 ug/ml
 RT: 15.42 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BL000321.D
 Acq: 21 Jun 2011 20:20

Tgt Ion: 164 Resp: 822305
 Ion Ratio Lower Upper
 164 100
 162 93.3 72.4 112.4
 160 40.9 19.7 59.7



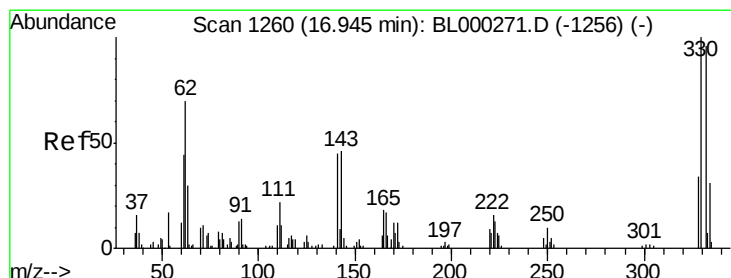
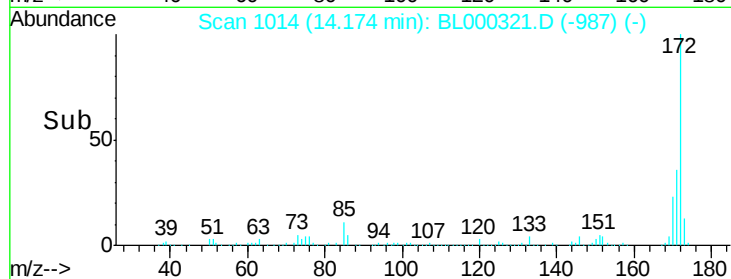
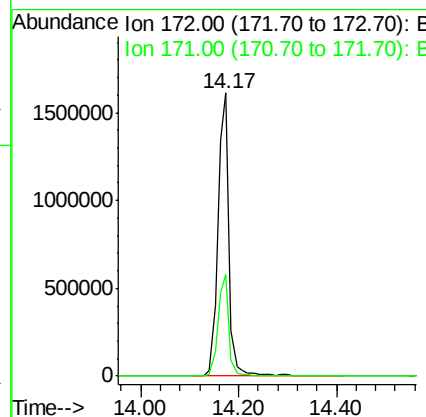
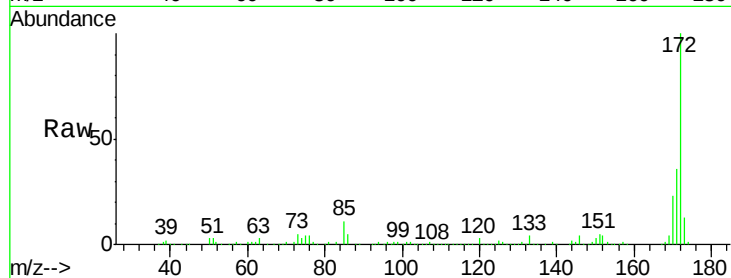
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





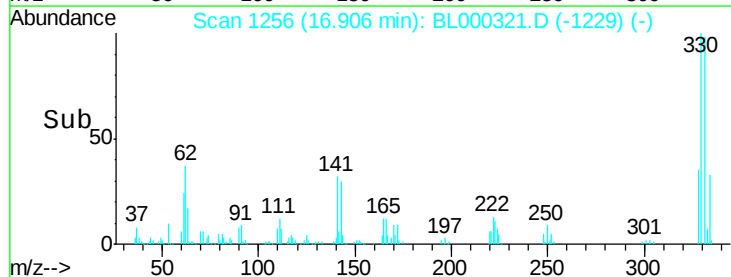
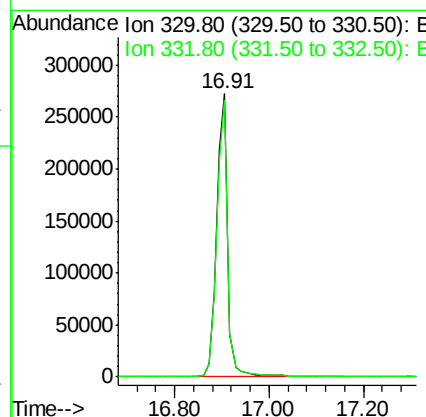
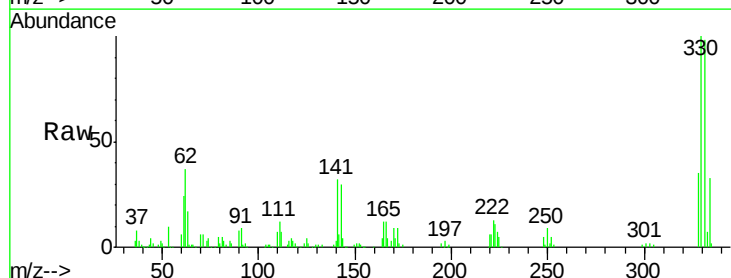
#43
 2-Fluorobiphenyl
 Concen: 97.42 ug/ml
 RT: 14.17 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BL000321.D
 Acq: 21 Jun 2011 20:20

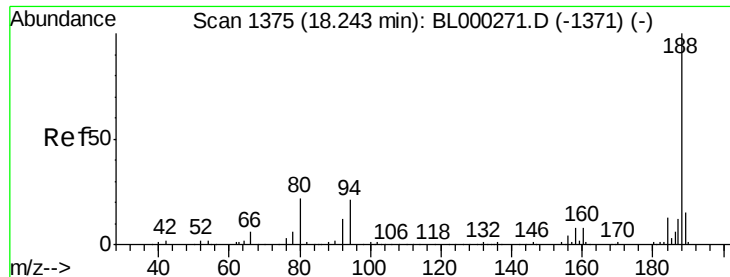
Tgt Ion:172 Resp: 2611828
 Ion Ratio Lower Upper
 172 100
 171 36.0 16.0 56.0



#61
 2,4,6-Tribromophenol
 Concen: 171.25 ug/ml
 RT: 16.91 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BL000321.D
 Acq: 21 Jun 2011 20:20

Tgt Ion:330 Resp: 451244
 Ion Ratio Lower Upper
 330 100
 332 98.0 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: BL000321.D

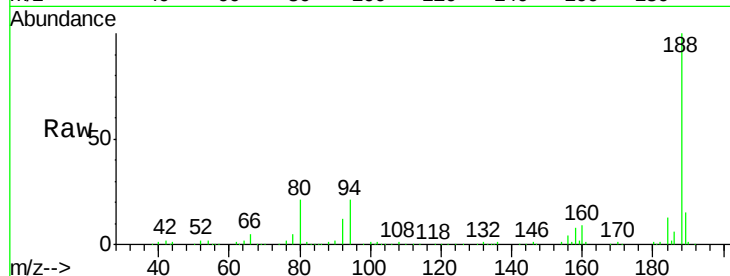
Acq: 21 Jun 2011 20:20

Tgt Ion:188 Resp: 904456

Ion Ratio Lower Upper

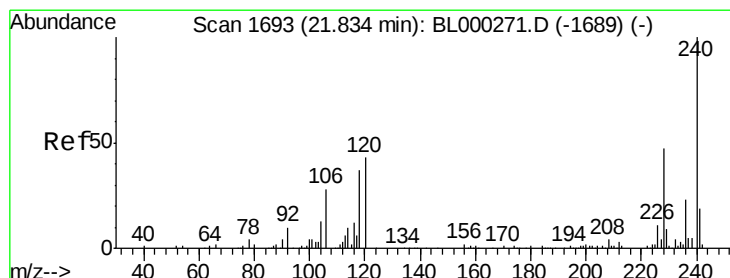
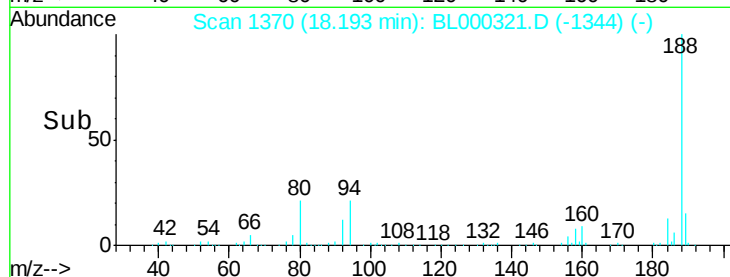
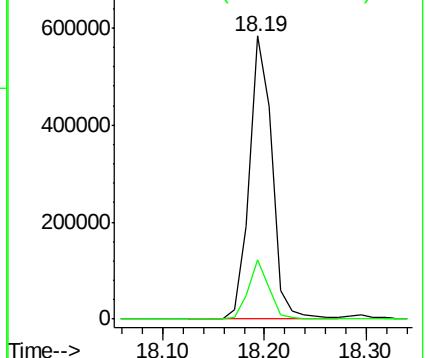
188 100

94 20.8 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: BL000321.D

Acq: 21 Jun 2011 20:20

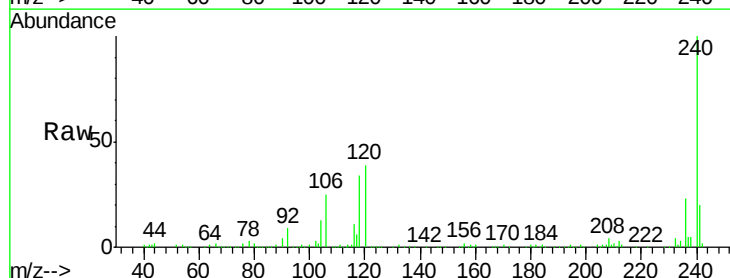
Tgt Ion:240 Resp: 476719

Ion Ratio Lower Upper

240 100

120 39.4 16.3 56.3

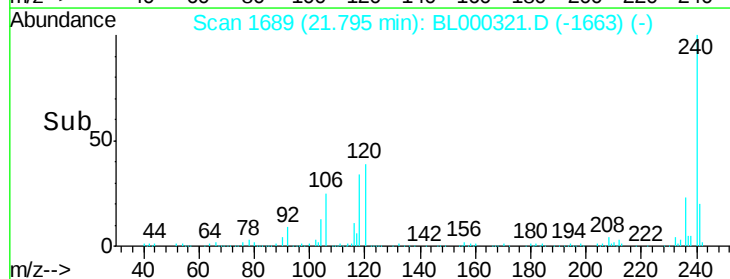
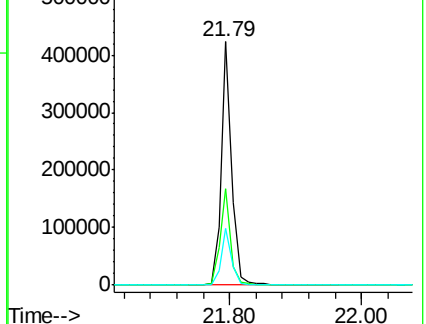
236 23.2 3.9 43.9

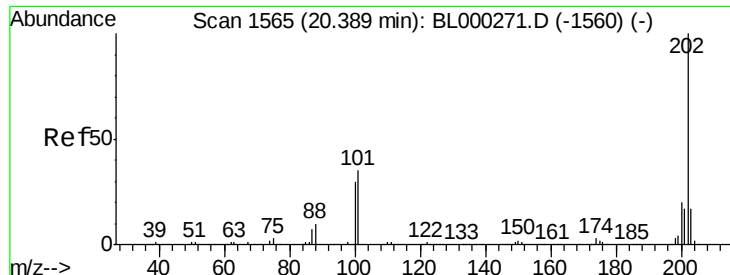


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

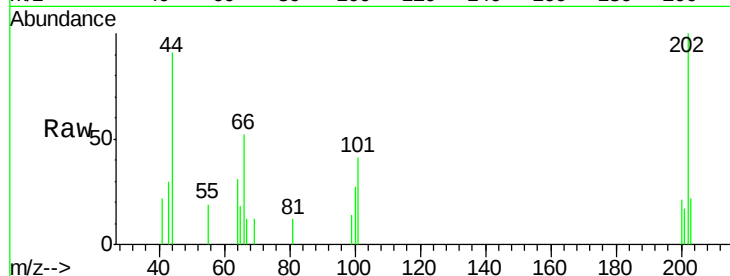
Ion 236.00 (235.70 to 236.70): E



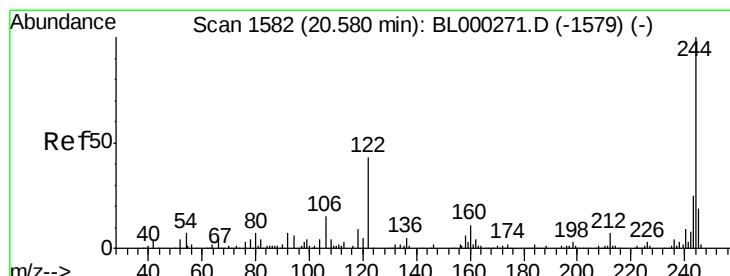
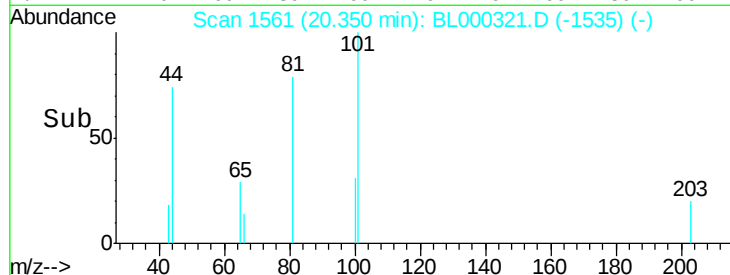
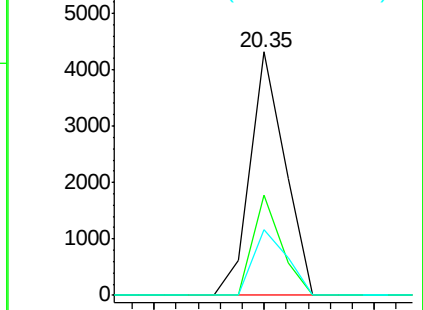


#79
 Pyrene
 Concen: 1.61 ug/ml
 RT: 20.35 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BL000321.D
 Acq: 21 Jun 2011 20:20

Tgt Ion: 202 Resp: 4750
 Ion Ratio Lower Upper
 202 100
 101 41.2 14.4 54.4
 100 27.1 9.0 49.0

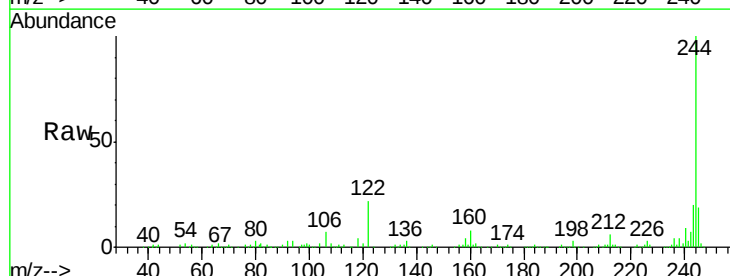


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BL

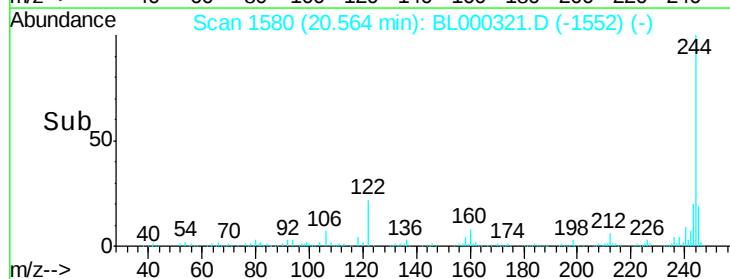
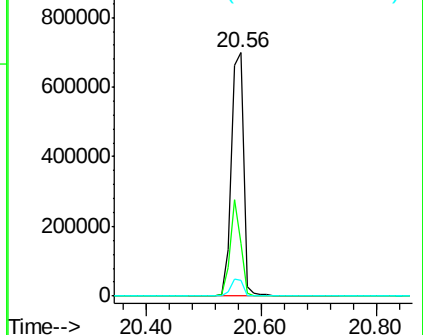


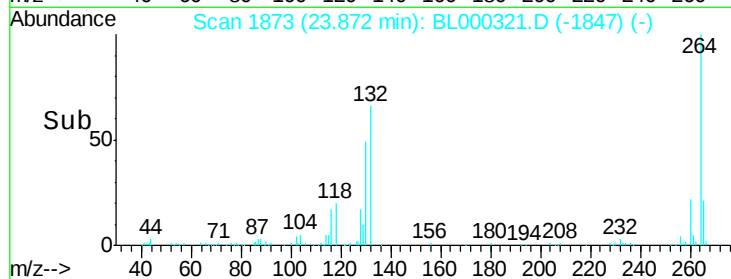
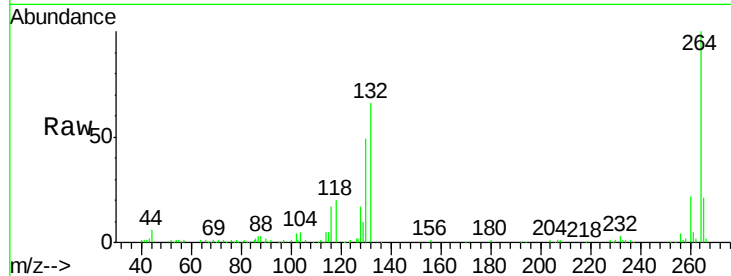
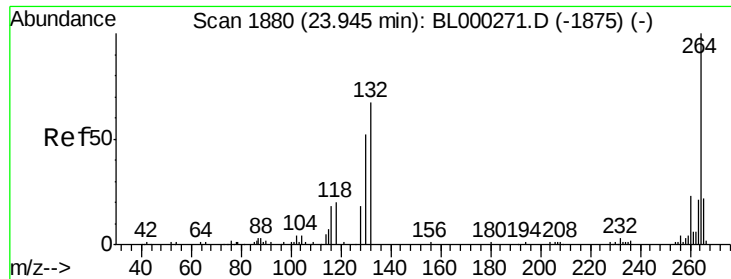
#80
 Terphenyl-d14
 Concen: 126.63 ug/ml
 RT: 20.56 min Scan# 1580
 Delta R.T. 0.02 min
 Lab File: BL000321.D
 Acq: 21 Jun 2011 20:20

Tgt Ion: 244 Resp: 1057208
 Ion Ratio Lower Upper
 244 100
 122 21.8 18.3 58.3
 212 6.2 0.0 27.0



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





#86
Perylene-d12
Concen: 40.00 ug/ml
RT: 23.87 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BL000321.D
Acq: 21 Jun 2011 20:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	2.7	42.7
265	20.8	0.6	40.6

