Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041815\
Data File : BM001061.D
Acq On : 18 Apr 2015 15:47
Operator : TP/IZ
Sample : G1801-01 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 20 08:18:21 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM041815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 08:05:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	22697	5.00	ng		0.00
4) Naphthalene-d8	10.36	136	84061	5.00	ng		0.00
8) Acenaphthene-d10	14.24	164	44788	5.00	ng		0.00
13) Phenanthrene-d10	16.99	188	94470	5.00	ng		0.00
19) Chrysene-d12	21.19	240	80304	5.00	ng		0.00
25) Perylene-d12	23.36	264	76161	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.74	82	2247	0.51	ng		0.00
9) 2-Fluorobiphenyl	12.86	172	7424	0.50	ng		0.00
21) Terphenyl-d14	19.63	244	5429	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	146	0.06	ng	#	100
3) n-Nitrosodimethylamine	3.31	42	31114	12.98	ng	#	1
6) Naphthalene	10.41	128	10613	0.53	ng		98
7) 2-Methylnaphthalene	12.04	142	17446	1.35	ng		100
10) Acenaphthylene	13.95	152	962	0.05	ng	#	56
11) Acenaphthene	14.29	154	1422	0.10	ng	#	77
12) Fluorene	15.30	166	2442	0.15	ng	#	86
14) Hexachlorobenzene	15.92	284	166	0.03	ng	#	100
15) Pentachlorophenol	16.66	266	28	0.30	ng	#	62
16) Phenanthrene	17.03	178	13108	0.52	ng		96
17) Anthracene	17.11	178	2042	0.09	ng	#	84
18) Fluoranthene	19.05	202	9050	0.35	ng		99
20) Pyrene	19.05	202	9050	0.34	ng		99
22) Benzo(a)anthracene	21.17	228	4648	0.20	ng	#	78
23) Chrysene	21.22	228	4611	0.19	ng	#	81
24) Indeno(1,2,3-cd)pyrene	25.52	276	2403	0.10	ng		98
26) Benzo(b)fluoranthene	22.70	252	7079	0.29	ng	#	18
27) Benzo(k)fluoranthene	22.70	252	7079	0.30	ng	#	17
28) Benzo(a)pyrene	23.25	252	3688	0.18	ng	#	29
29) Dibenzo(a,h)anthracene	25.53	278	706	0.03	ng	#	1
30) Benzo(g,h,i)perylene	26.18	276	3214	0.14	ng	#	66

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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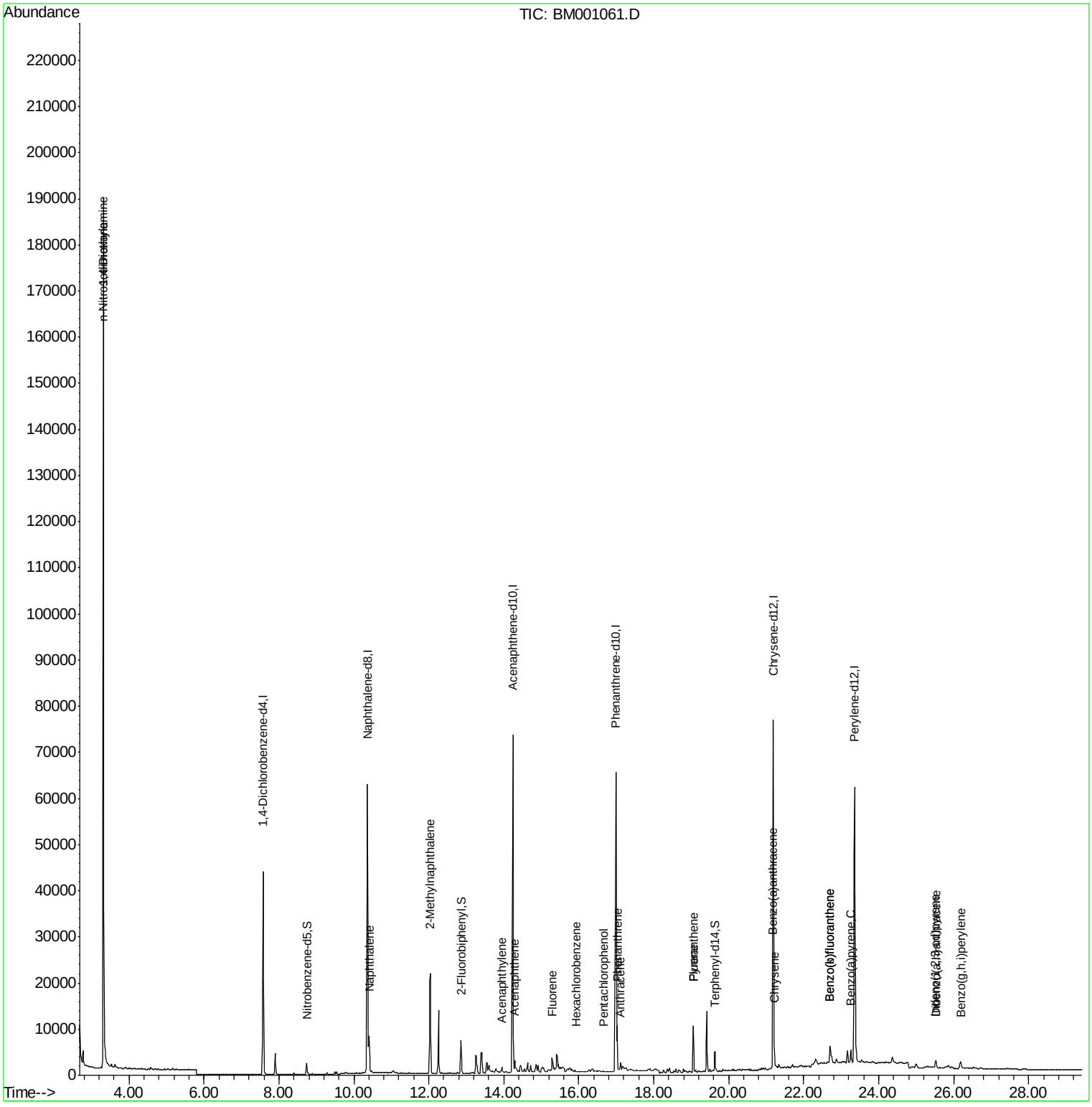
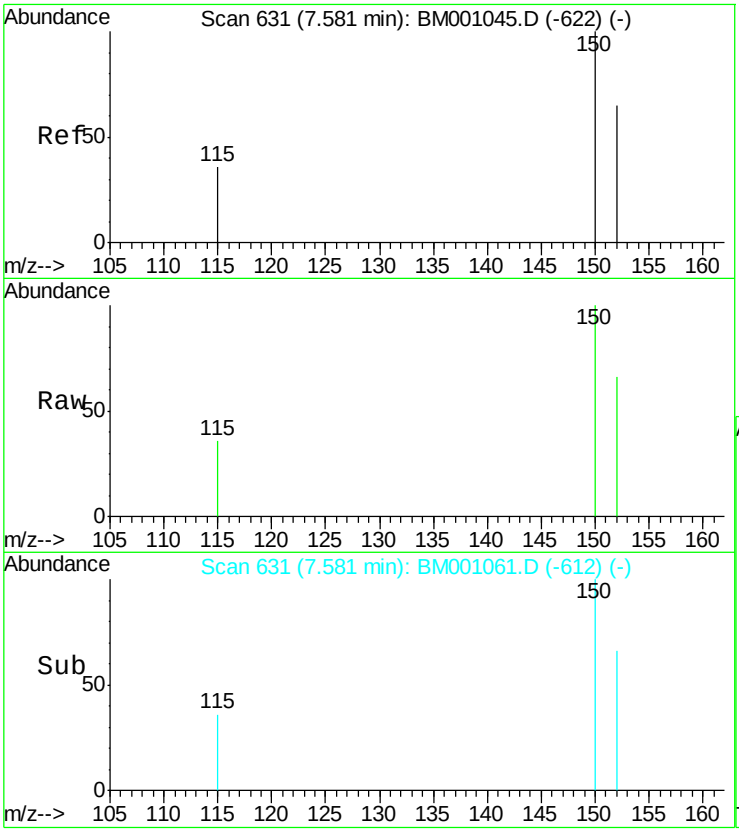
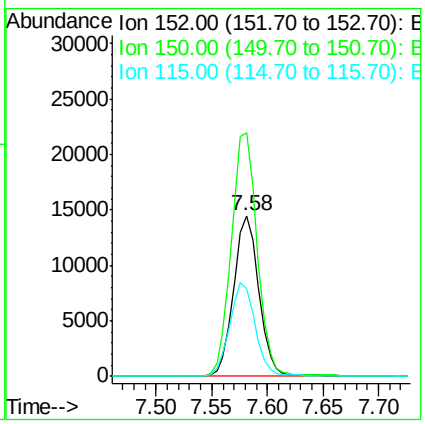


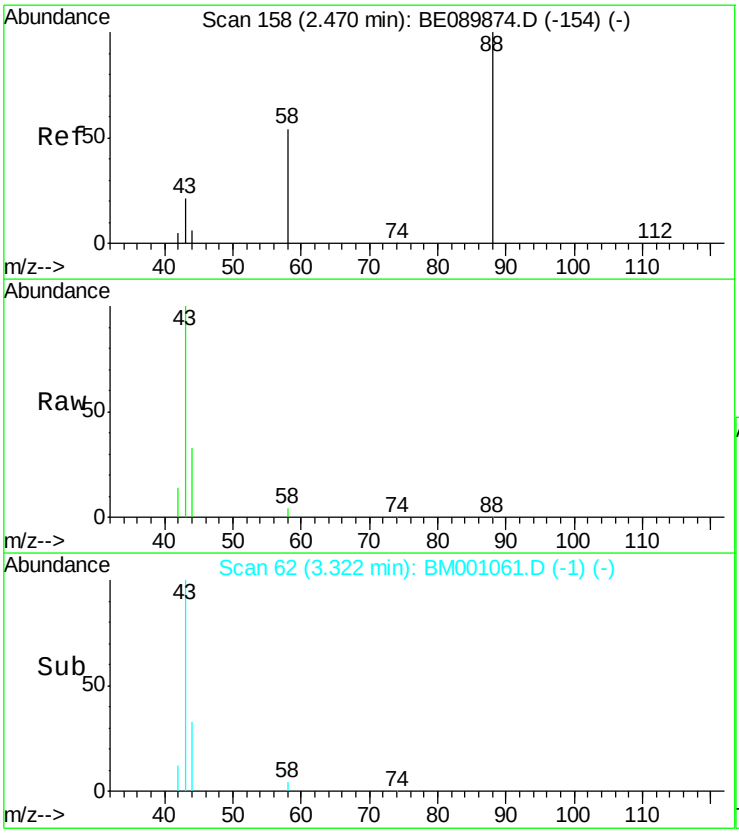


#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 631
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:152 Resp: 22697

Ion	Ratio	Lower	Upper
152	100		
150	151.2	123.3	184.9
115	54.0	45.0	67.6

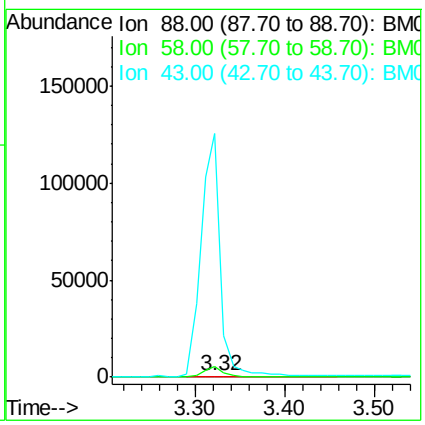


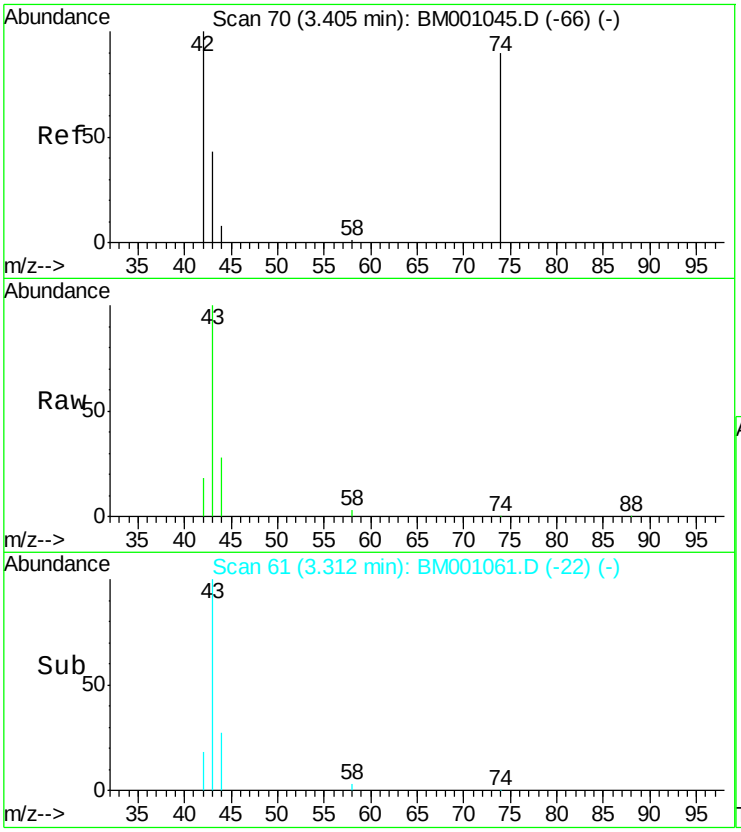


#2
1,4-Dioxane
Concen: 0.06 ng
RT: 3.32 min Scan# 62
Delta R.T. 0.24 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion: 88 Resp: 146

Ion	Ratio	Lower	Upper
88	100		
58	5713.7	0.0	0.0#
43	131077.4	0.0	0.0#

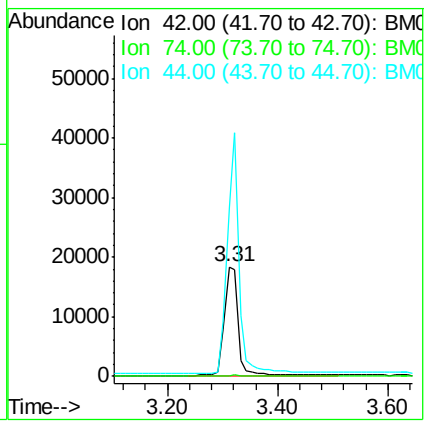


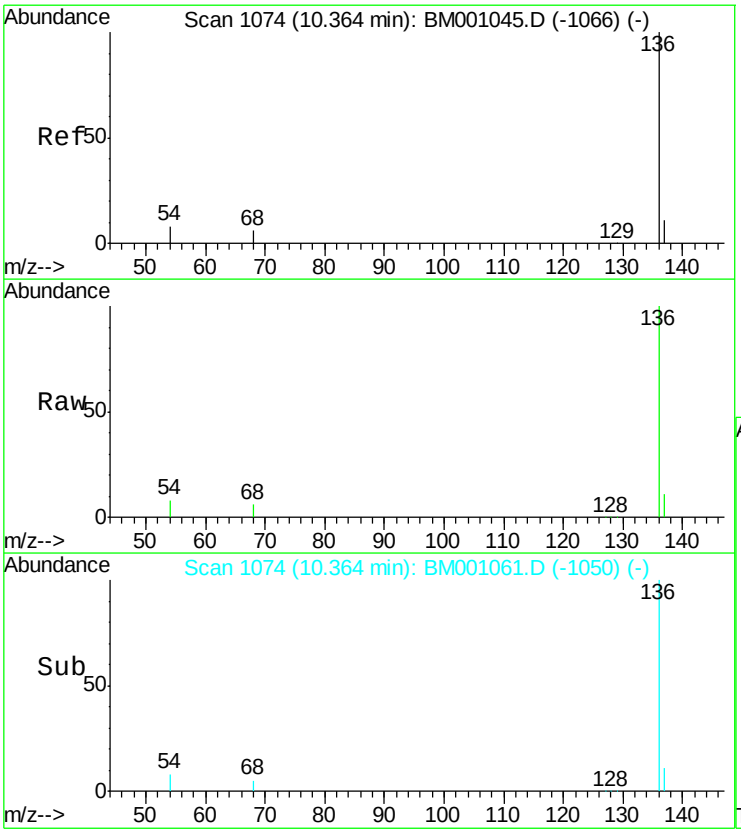


#3
n-Nitrosodimethylamine
Concen: 12.98 ng
RT: 3.31 min Scan# 61
Delta R.T. -0.09 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion: 42 Resp: 31114

Ion	Ratio	Lower	Upper
42	100		
74	0.8	92.1	138.1#
44	191.0	5.8	8.6#

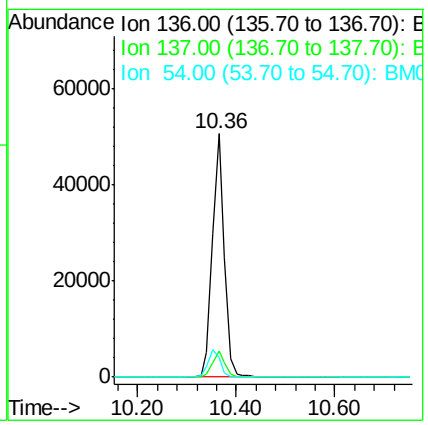


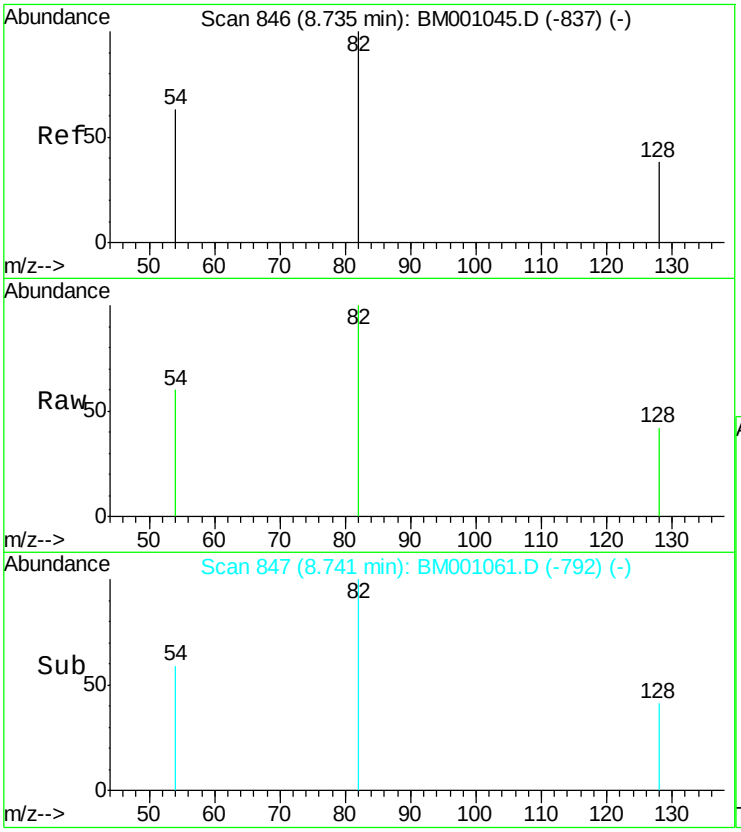


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:136 Resp: 84061

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.9	6.5	9.7

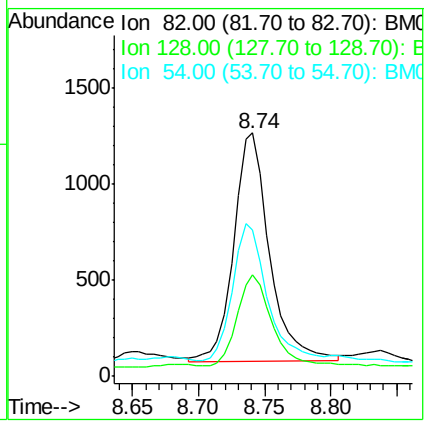


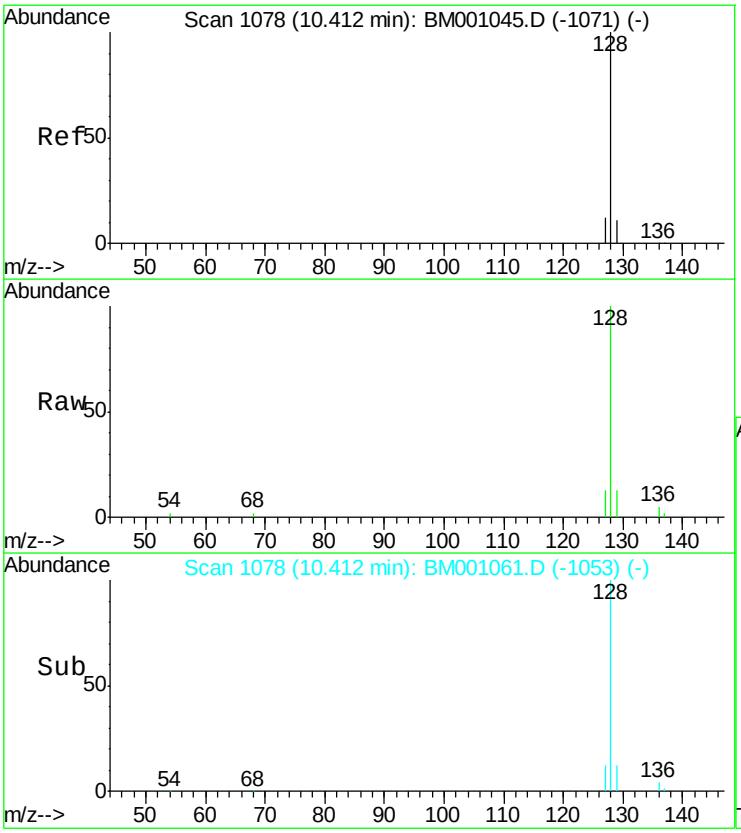


#5
Nitrobenzene-d5
Concen: 0.51 ng
RT: 8.74 min Scan# 847
Delta R.T. 0.01 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion: 82 Resp: 2247

Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.9	47.9
54	60.1	51.3	76.9

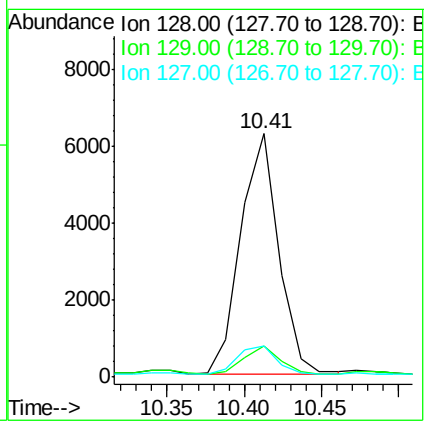


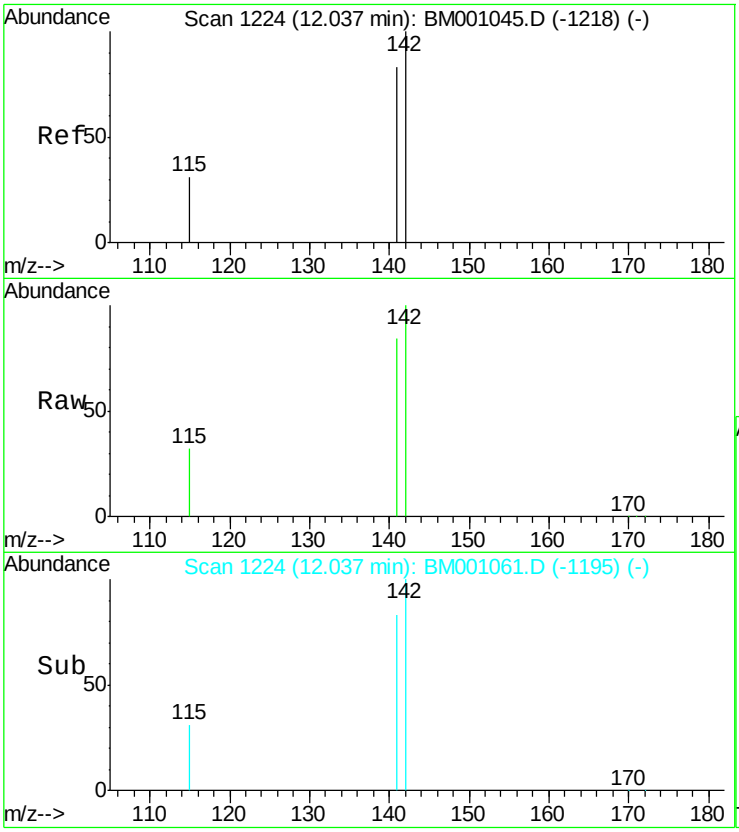


#6
Naphthalene
Concen: 0.53 ng
RT: 10.41 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:128 Resp: 10613

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.3	13.9
127	12.7	10.0	15.0

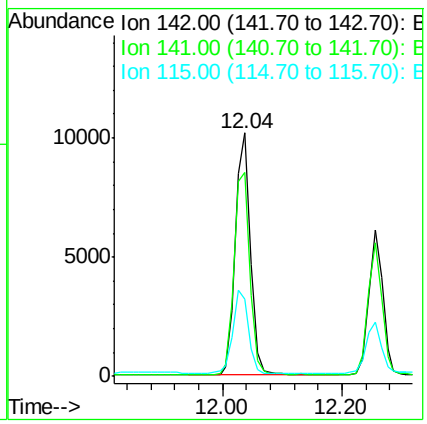


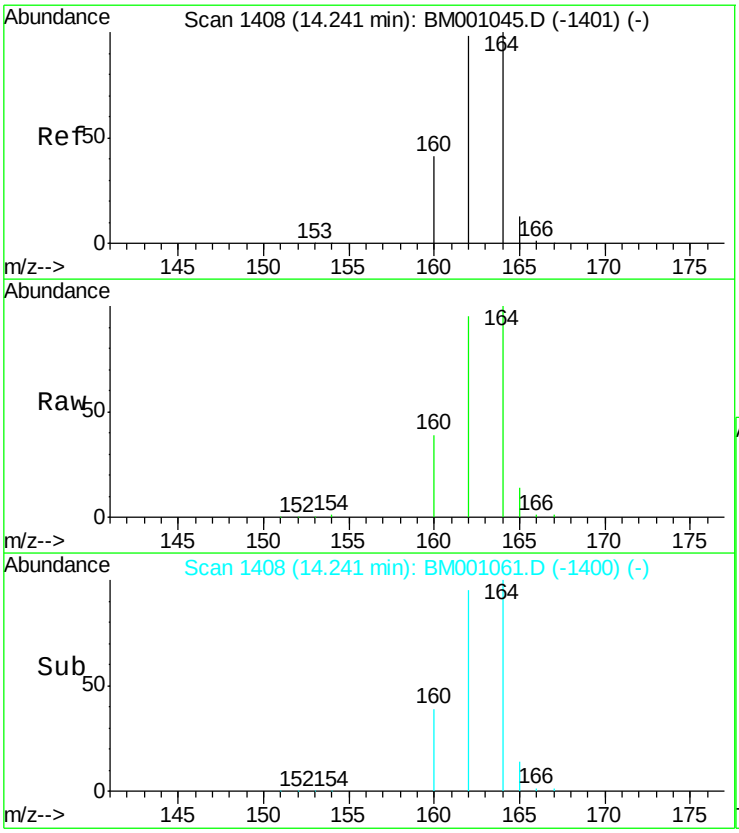


#7
2-Methylnaphthalene
Concen: 1.35 ng
RT: 12.04 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:142 Resp: 17446

Ion	Ratio	Lower	Upper
142	100		
141	83.5	66.7	100.1
115	31.6	25.5	38.3

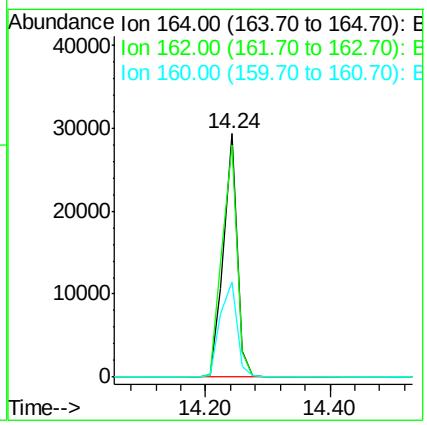


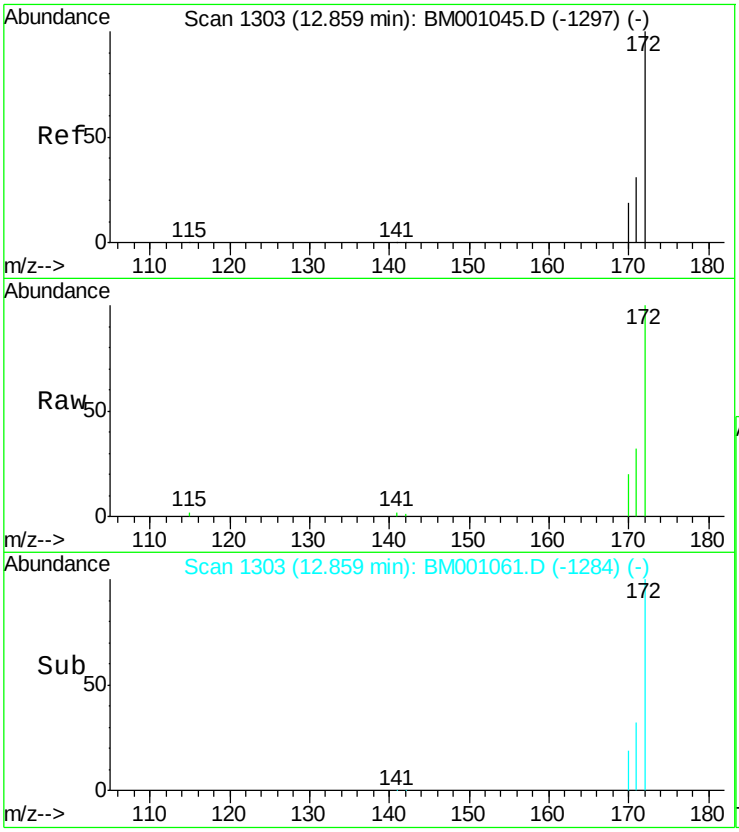


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:164 Resp: 44788

Ion	Ratio	Lower	Upper
164	100		
162	95.1	78.5	117.7
160	39.0	32.9	49.3

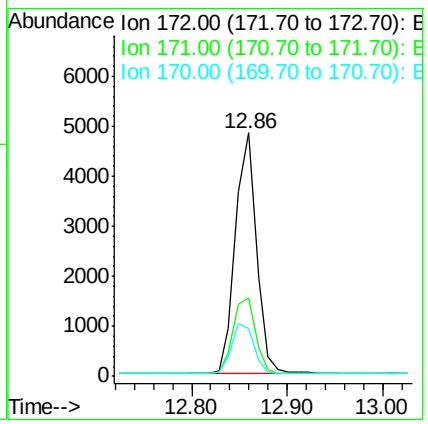


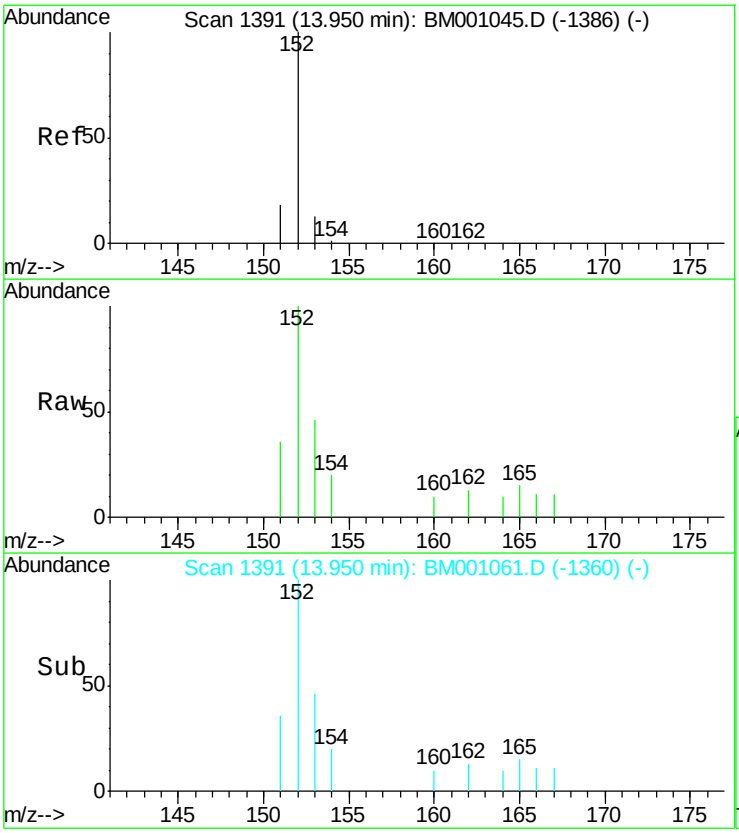


#9
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 12.86 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:172 Resp: 7424

Ion	Ratio	Lower	Upper
172	100		
171	32.2	25.6	38.4
170	19.5	15.8	23.6

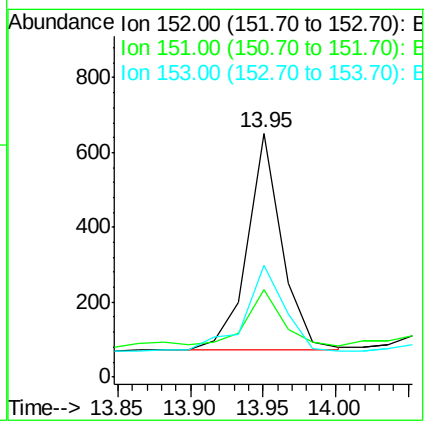


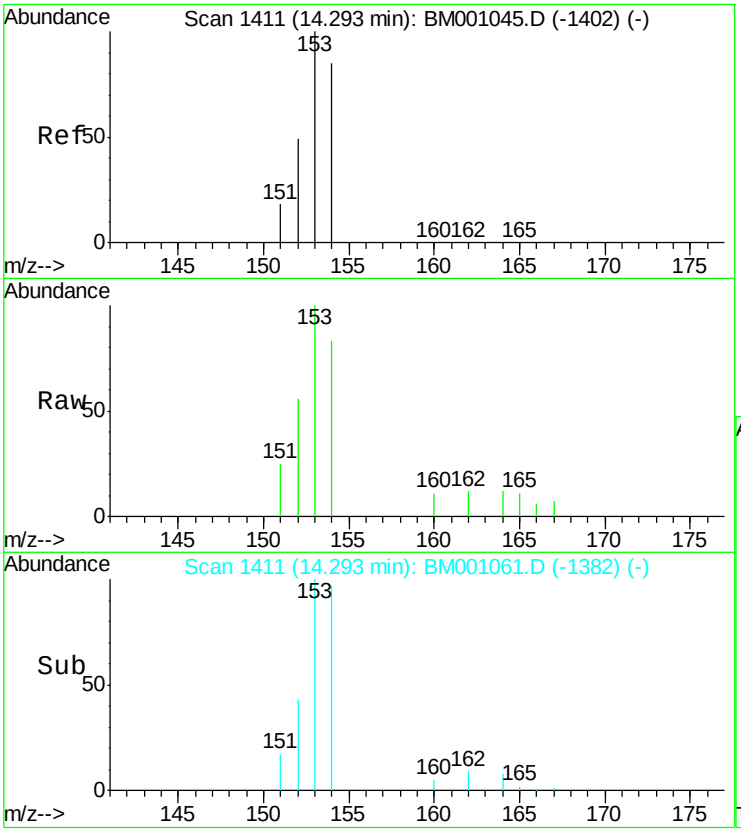


#10
Acenaphthylene
Concen: 0.05 ng
RT: 13.95 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:152 Resp: 962

Ion	Ratio	Lower	Upper
152	100		
151	26.5	14.7	22.1#
153	45.3	10.2	15.2#

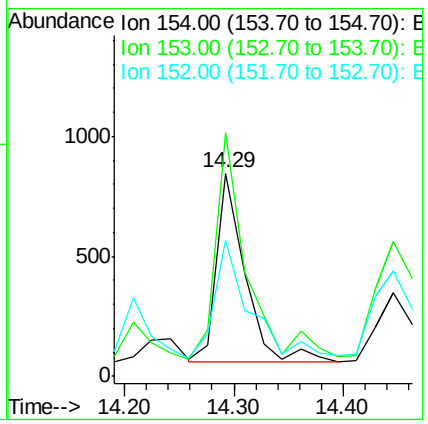


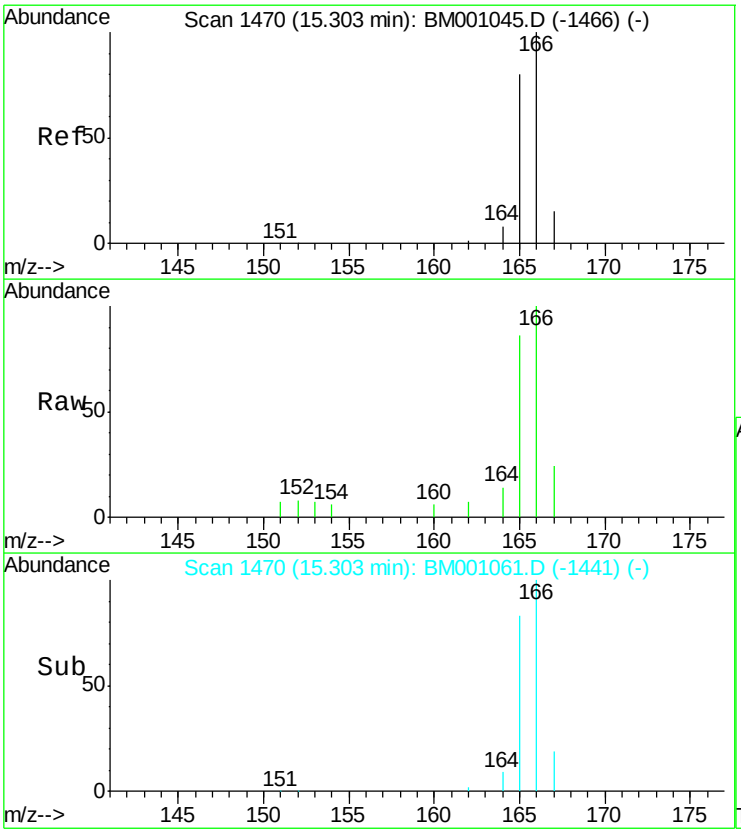


#11
Acenaphthene
Concen: 0.10 ng
RT: 14.29 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:154 Resp: 1422

Ion	Ratio	Lower	Upper
154	100		
153	129.3	88.1	132.1
152	76.7	42.3	63.5#

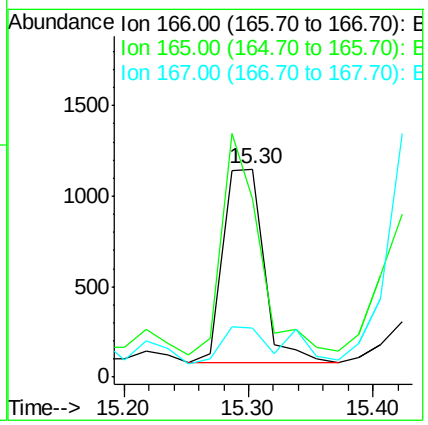


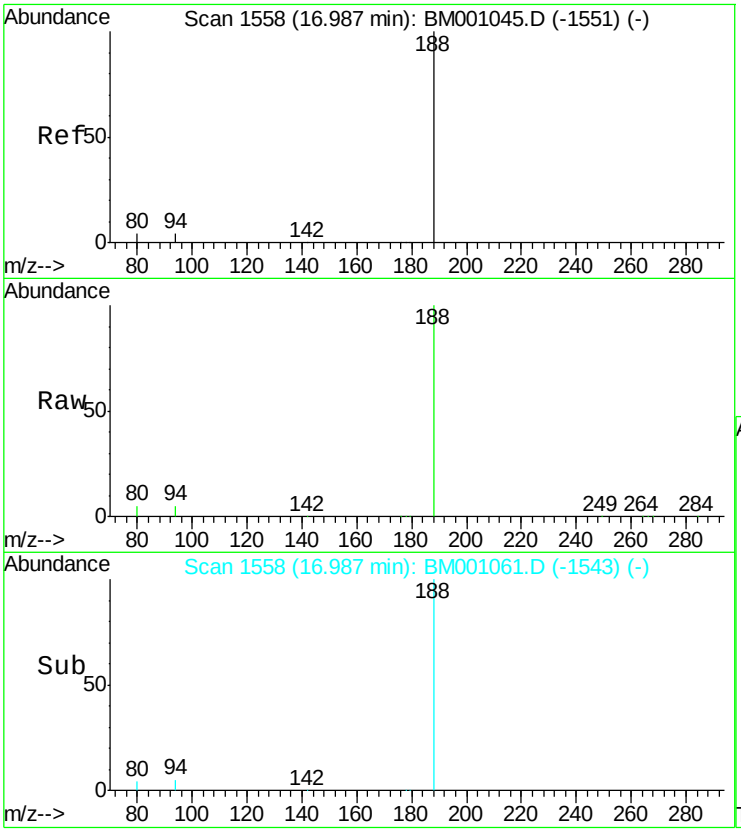


#12
Fluorene
Concen: 0.15 ng
RT: 15.30 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:166 Resp: 2442

Ion	Ratio	Lower	Upper
166	100		
165	106.7	77.6	116.4
167	31.6	10.6	16.0#

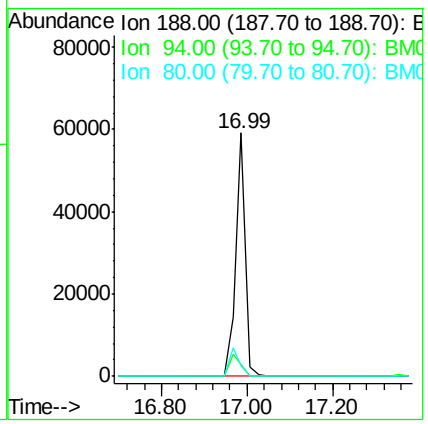


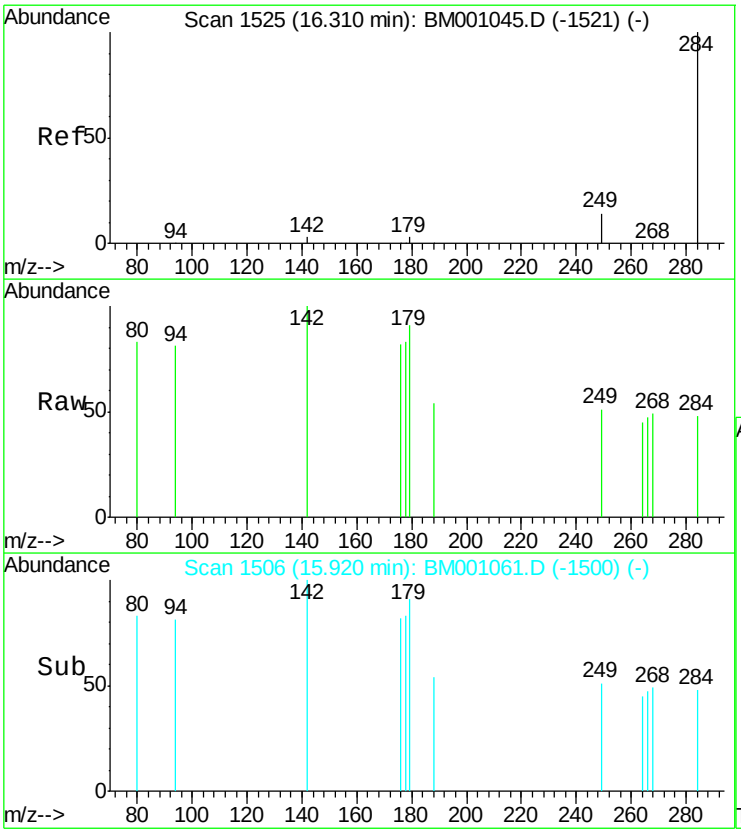


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.99 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:188 Resp: 94470

Ion	Ratio	Lower	Upper
188	100		
94	5.1	3.6	5.4
80	4.6	3.0	4.6

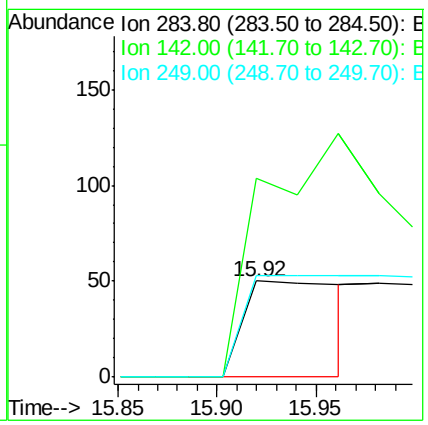


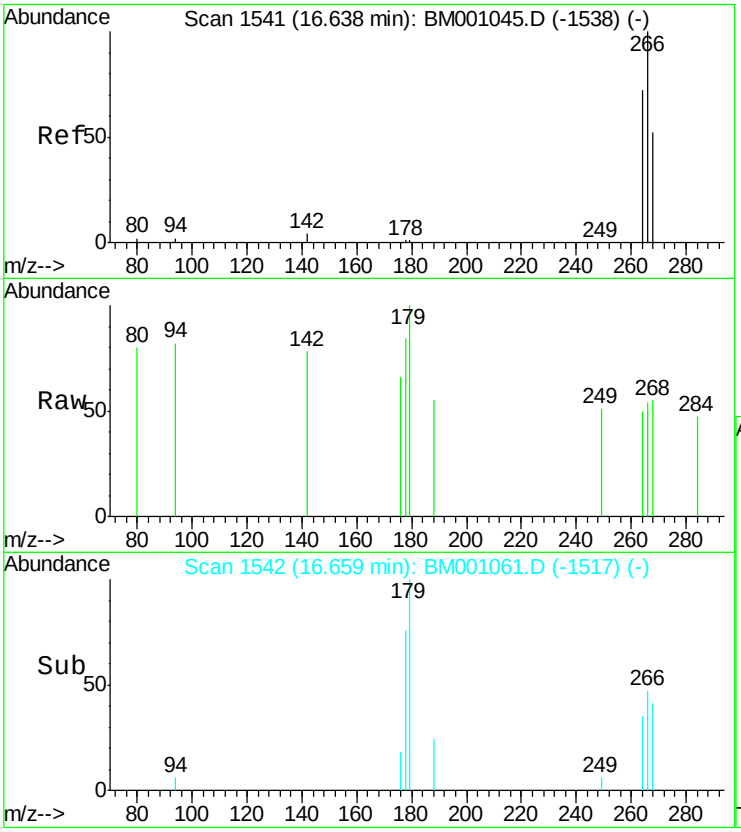


#14
Hexachlorobenzene
Concen: 0.03 ng
RT: 15.92 min Scan# 1506
Delta R.T. -0.39 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:284 Resp: 166

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	224.1	0.0	0.0#

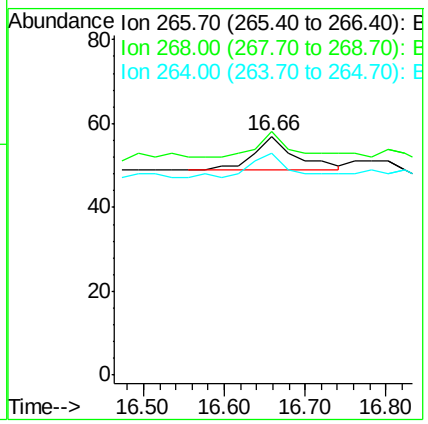


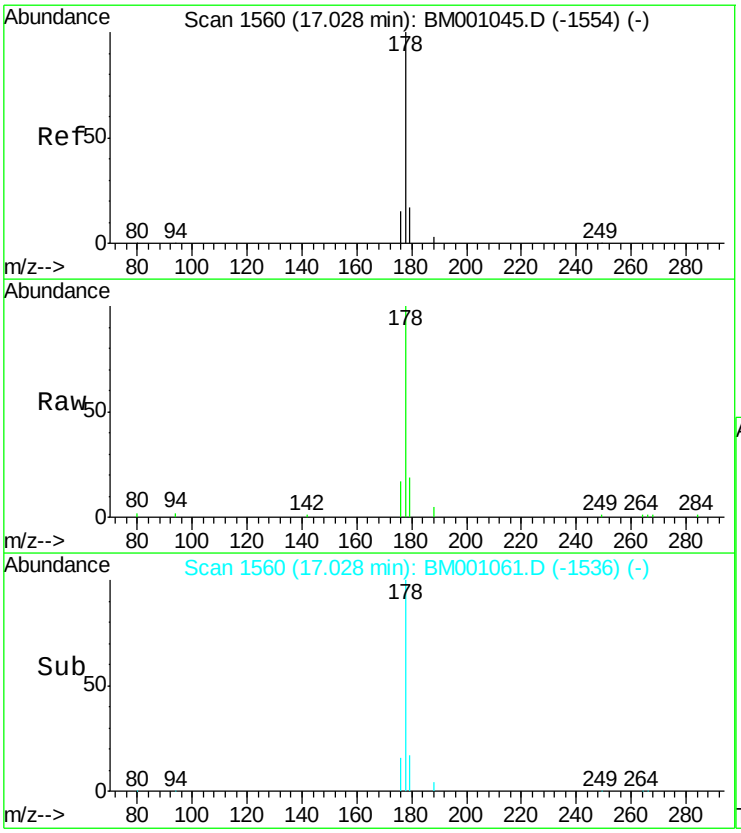


#15
Pentachlorophenol
Concen: 0.30 ng
RT: 16.66 min Scan# 1542
Delta R.T. 0.02 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
268	101.8	46.3	69.5#
264	93.0	59.8	89.6#

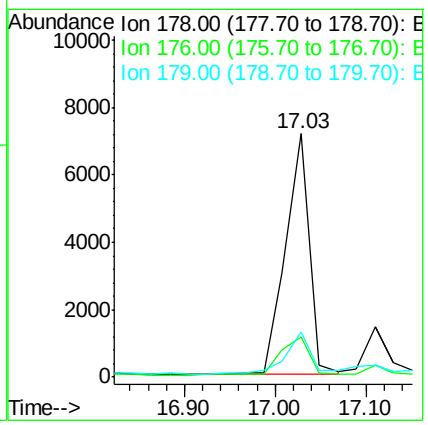


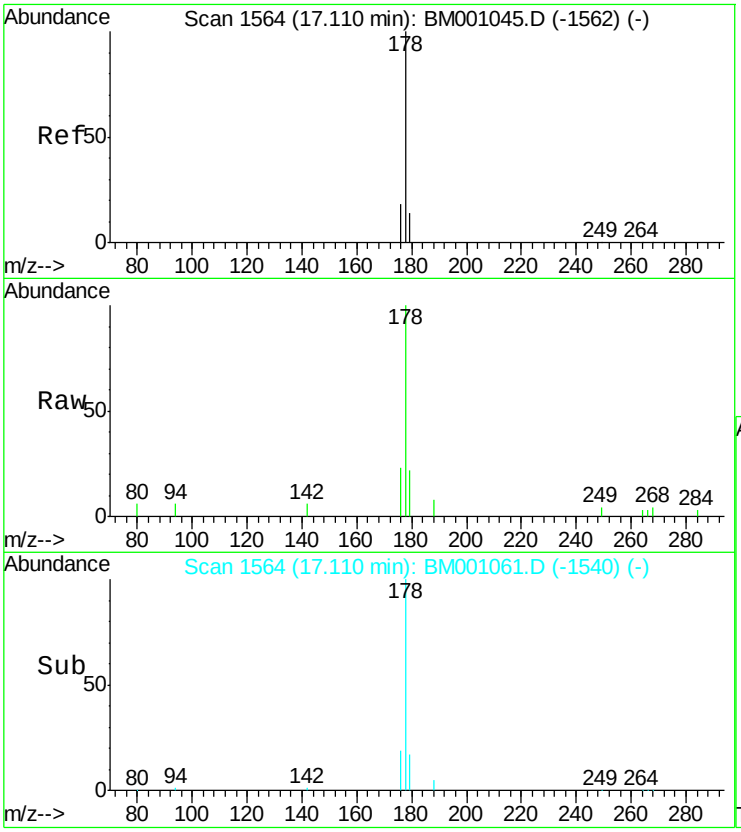


#16
Phenanthrene
Concen: 0.52 ng
RT: 17.03 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:178 Resp: 13108

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	18.6	12.6	19.0

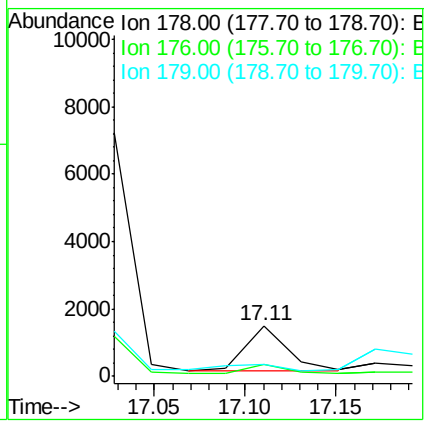


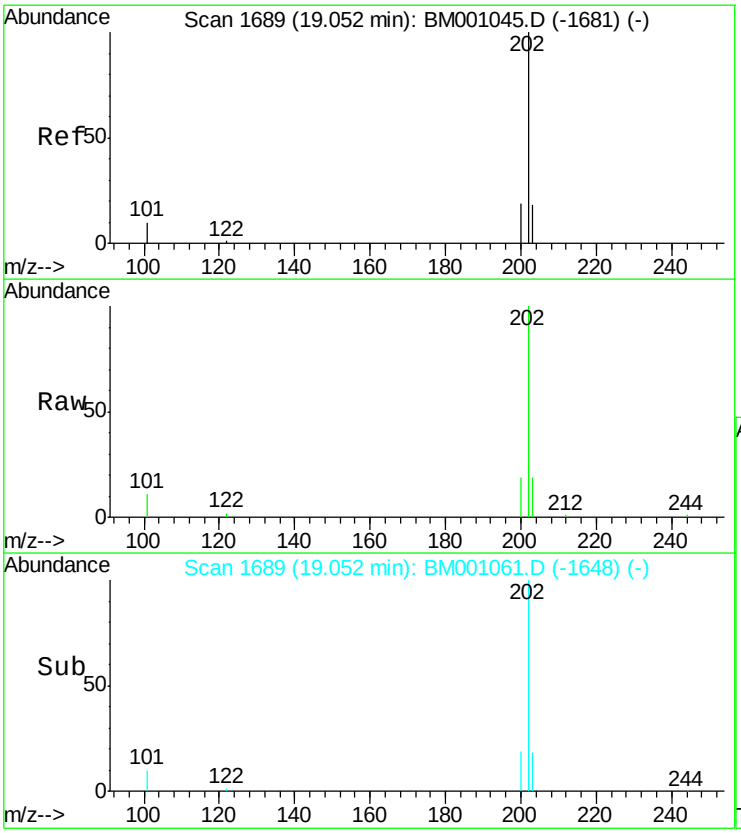


#17
Anthracene
Concen: 0.09 ng
RT: 17.11 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:178 Resp: 2042

Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.3	21.5
179	29.1	11.8	17.8#

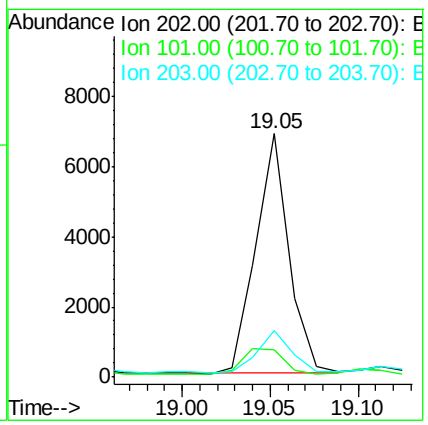


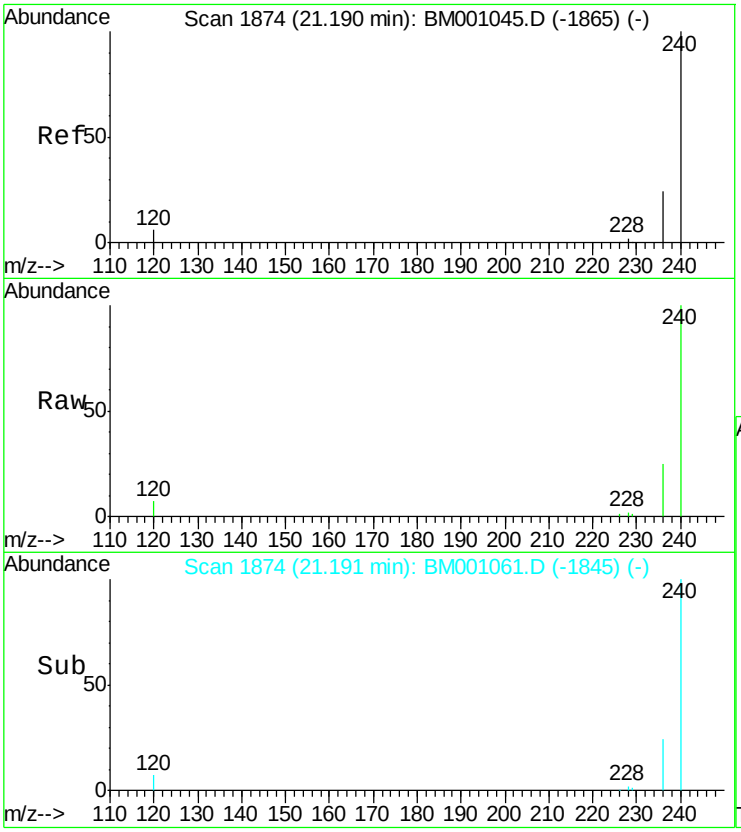


#18
Fluoranthene
Concen: 0.35 ng
RT: 19.05 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:202 Resp: 9050

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.1	15.1
203	17.6	13.8	20.8

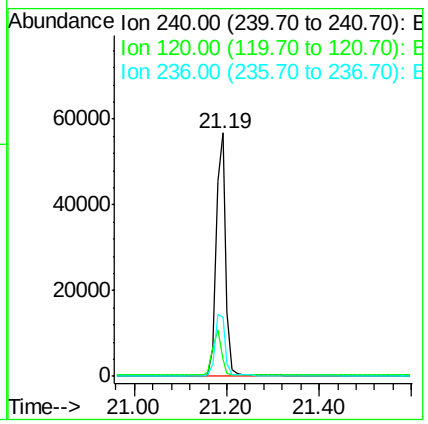


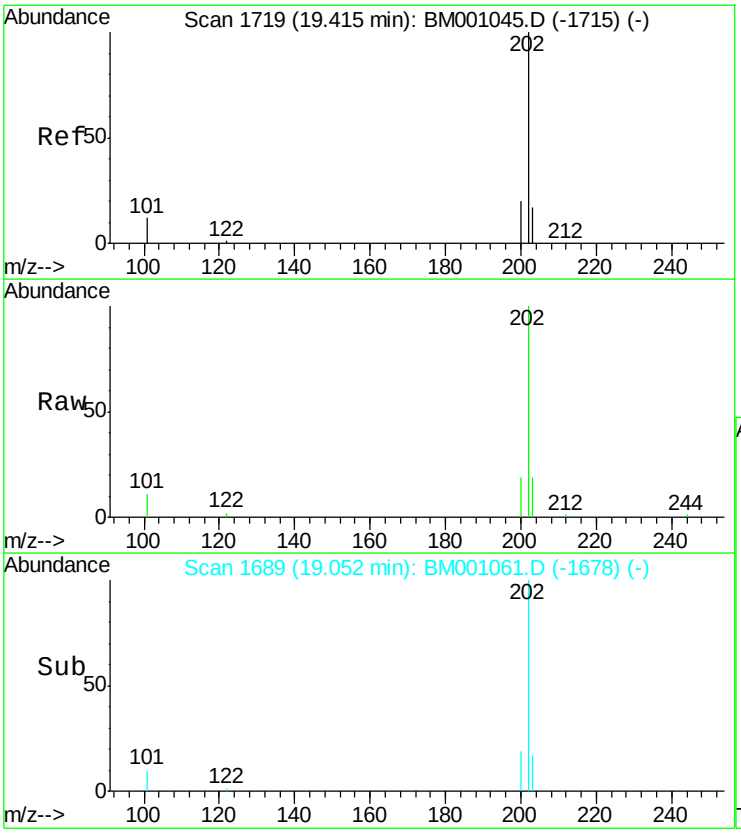


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.19 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:240 Resp: 80304

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.6	6.8#
236	24.5	19.1	28.7

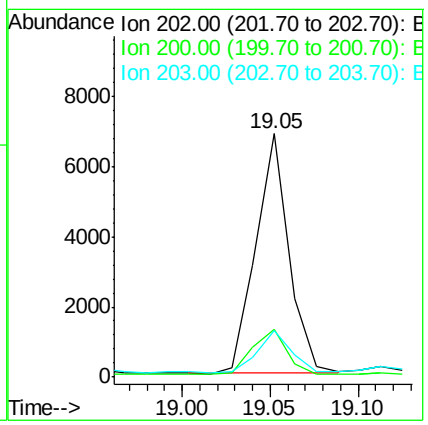


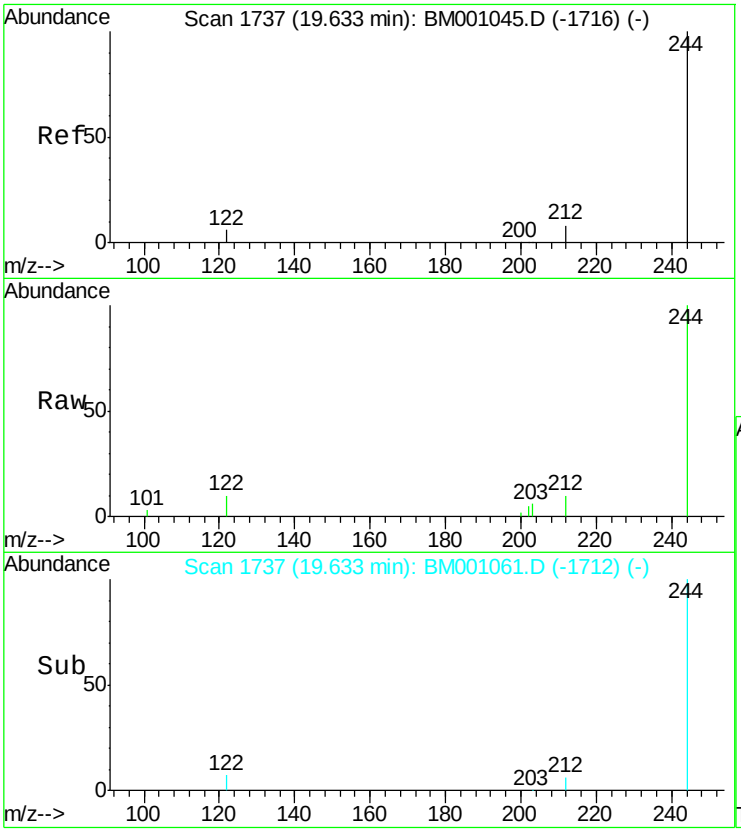


#20
Pyrene
Concen: 0.34 ng
RT: 19.05 min Scan# 1689
Delta R.T. -0.36 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:202 Resp: 9050

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.3	24.5
203	17.6	13.8	20.6

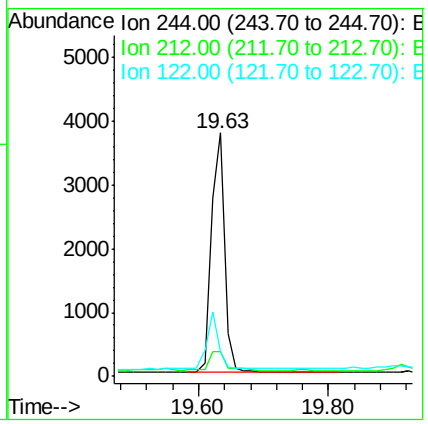


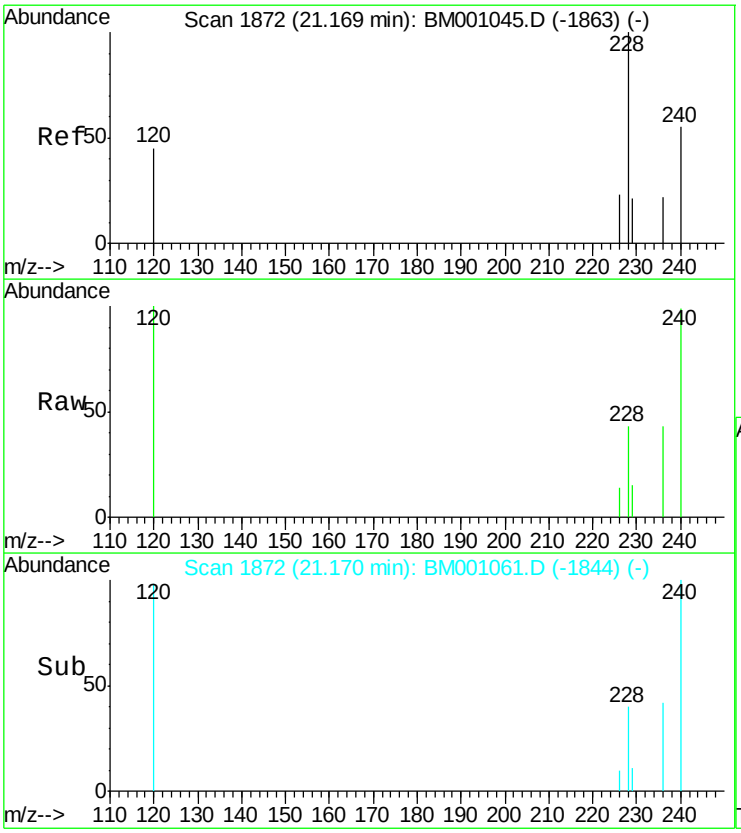


#21
Terphenyl-d14
Concen: 0.51 ng
RT: 19.63 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:244 Resp: 5429

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.1	10.7
122	10.0	5.9	8.9#

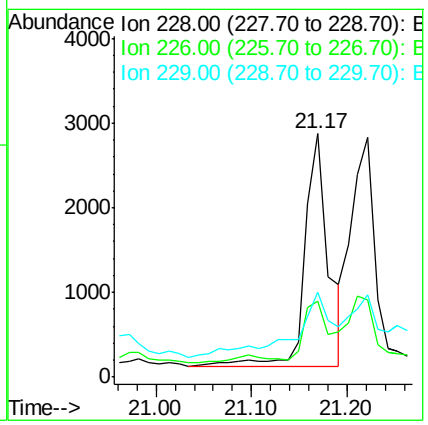


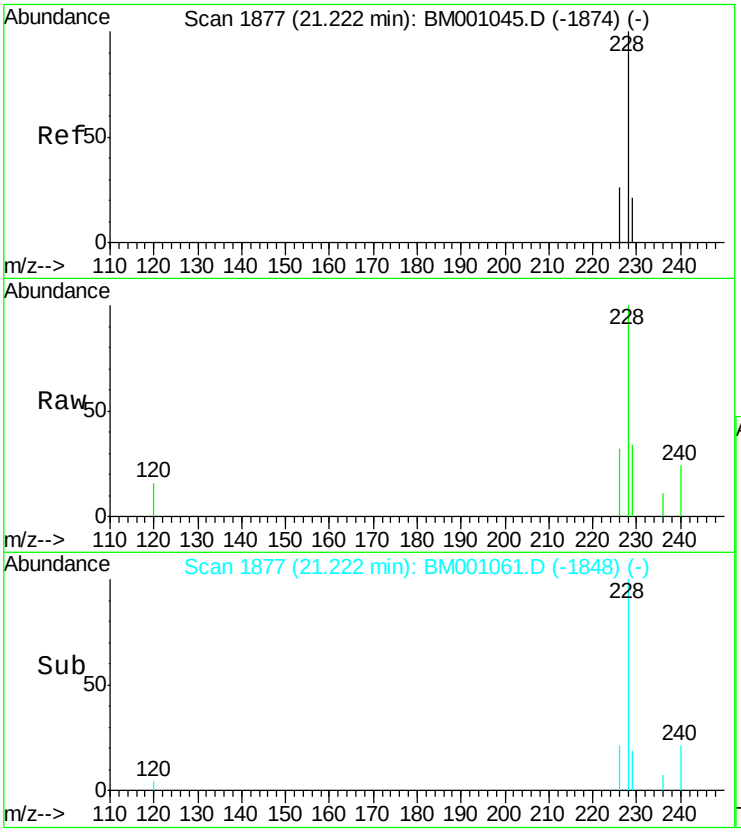


#22
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.17 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:228 Resp: 4648

Ion	Ratio	Lower	Upper
228	100		
226	31.3	19.0	28.6#
229	34.6	16.8	25.2#

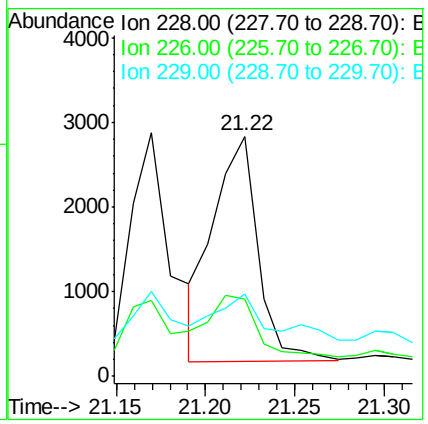


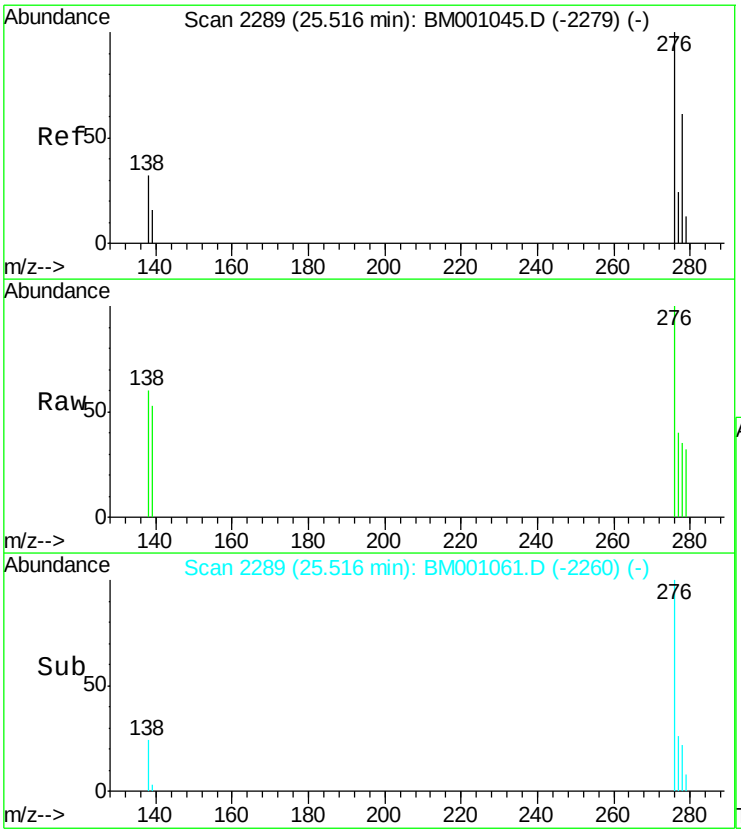


#23
Chrysene
Concen: 0.19 ng
RT: 21.22 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:228 Resp: 4611

Ion	Ratio	Lower	Upper
228	100		
226	31.9	20.6	31.0#
229	34.3	17.2	25.8#

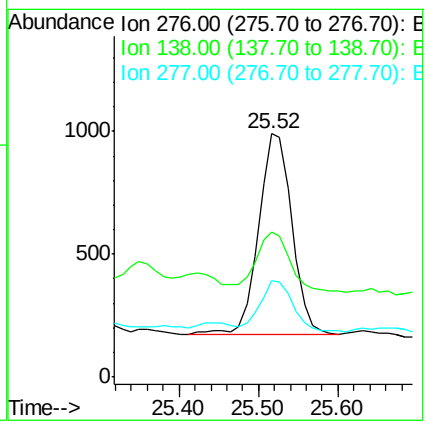


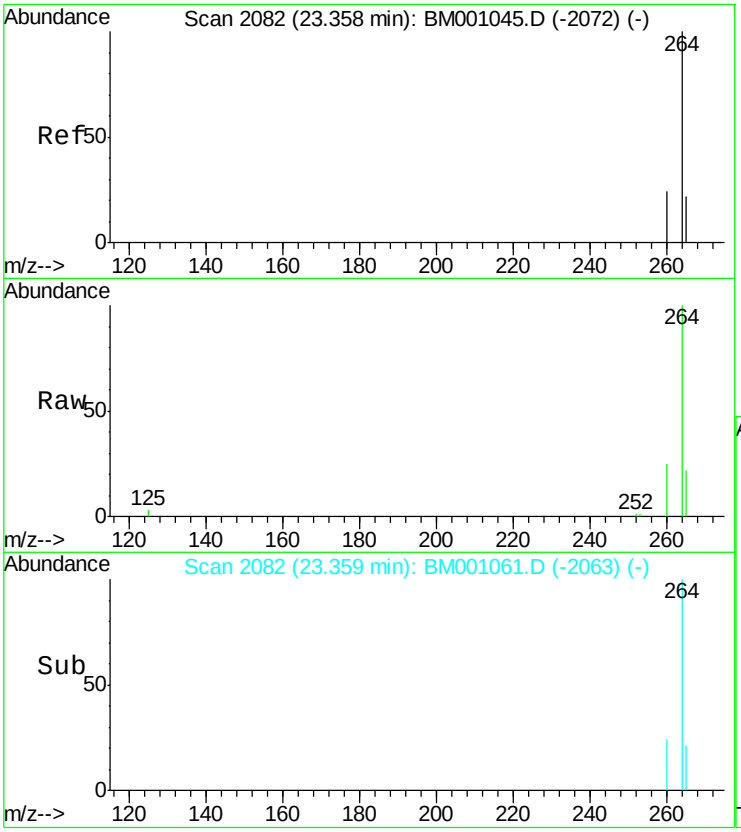


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.52 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:276 Resp: 2403

Ion	Ratio	Lower	Upper
276	100		
138	31.7	26.3	39.5
277	24.7	19.5	29.3

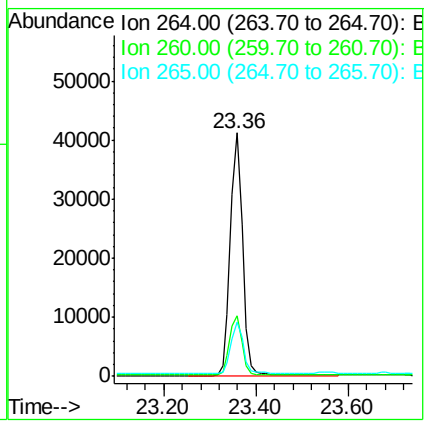


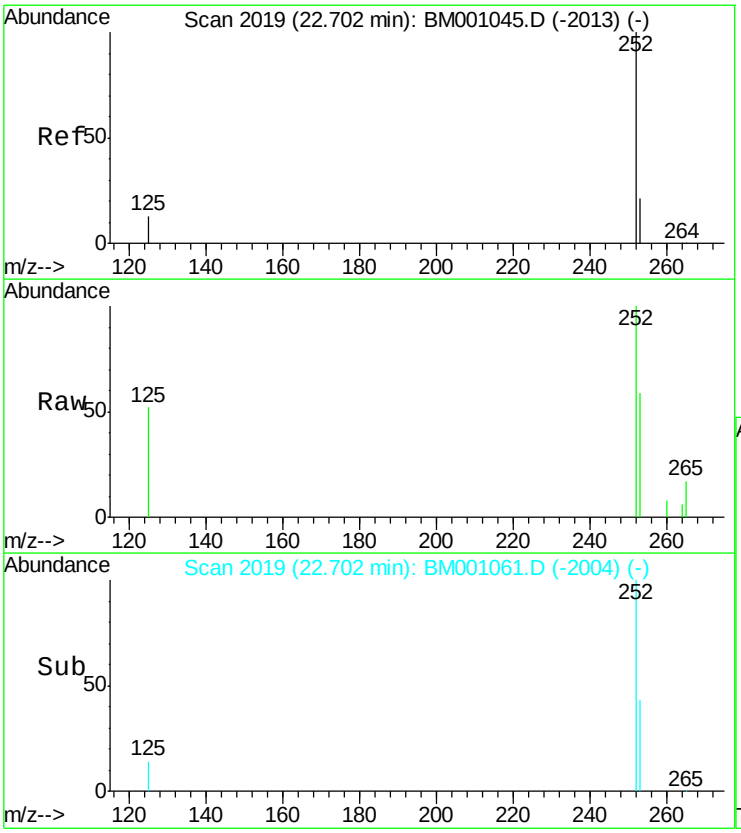


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:264 Resp: 76161

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	22.2	17.9	26.9

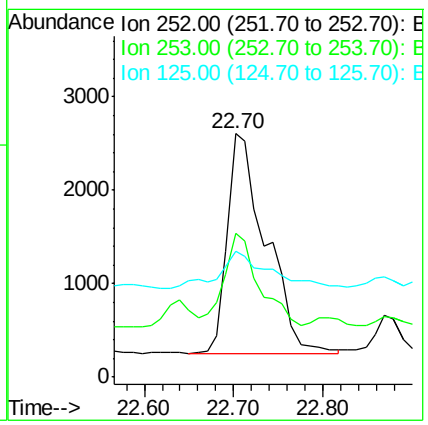


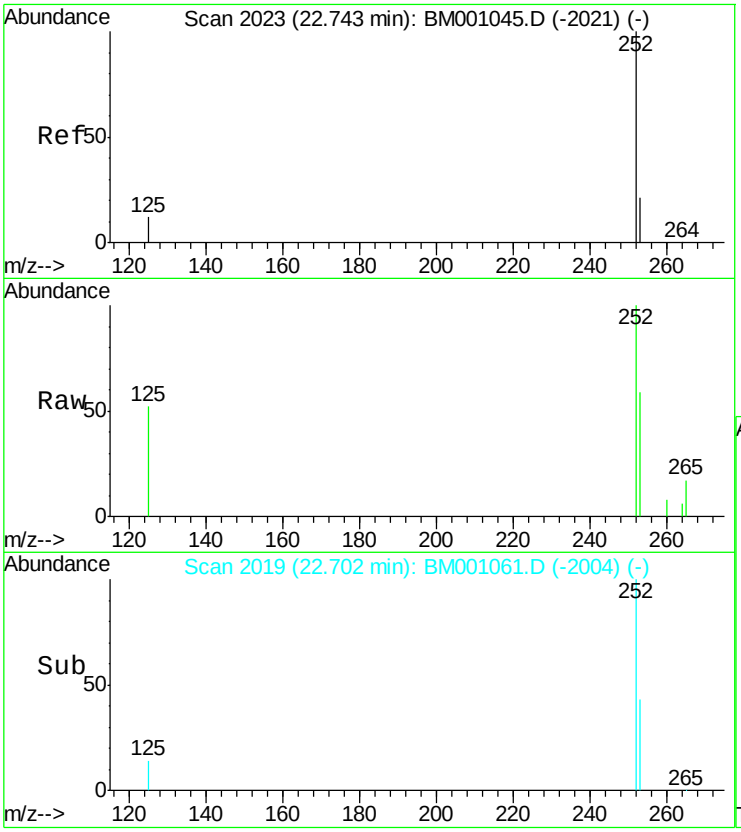


#26
Benzo(b)fluoranthene
Concen: 0.29 ng
RT: 22.70 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:252 Resp: 7079

Ion	Ratio	Lower	Upper
252	100		
253	59.1	18.2	27.2#
125	51.5	10.9	16.3#

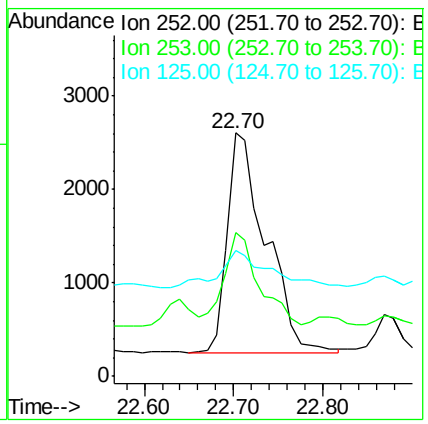


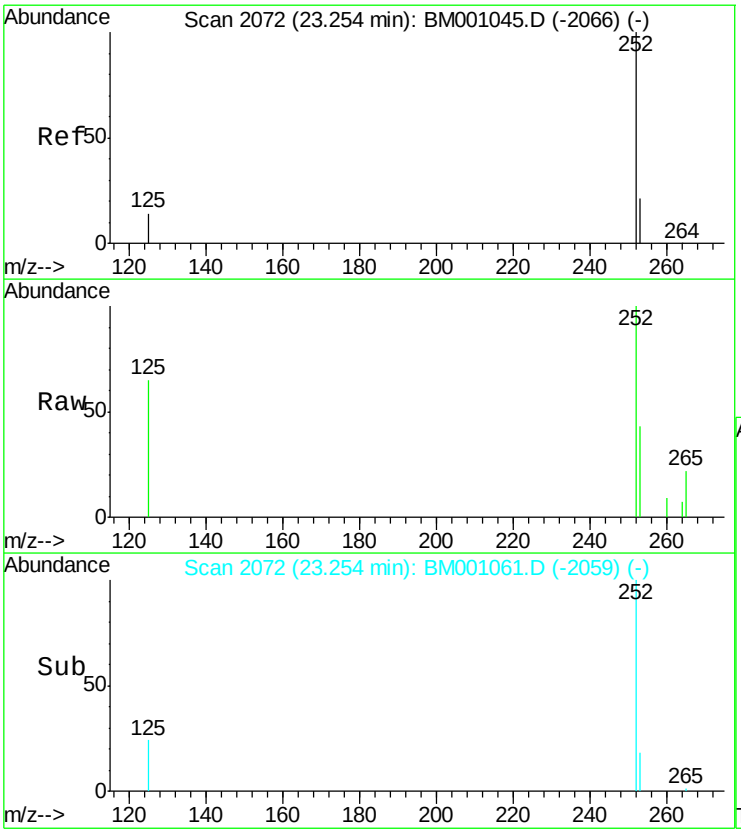


#27
Benzo(k)fluoranthene
Concen: 0.30 ng
RT: 22.70 min Scan# 2019
Delta R.T. -0.04 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:252 Resp: 7079

Ion	Ratio	Lower	Upper
252	100		
253	59.1	18.3	27.5#
125	51.5	10.6	15.8#

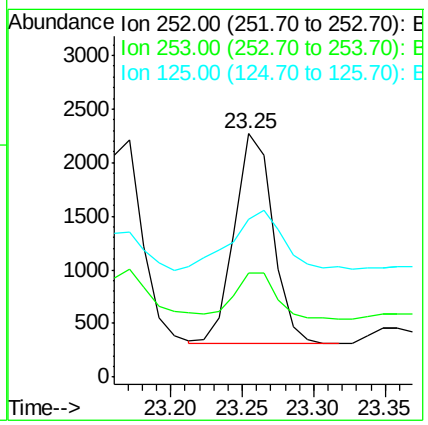


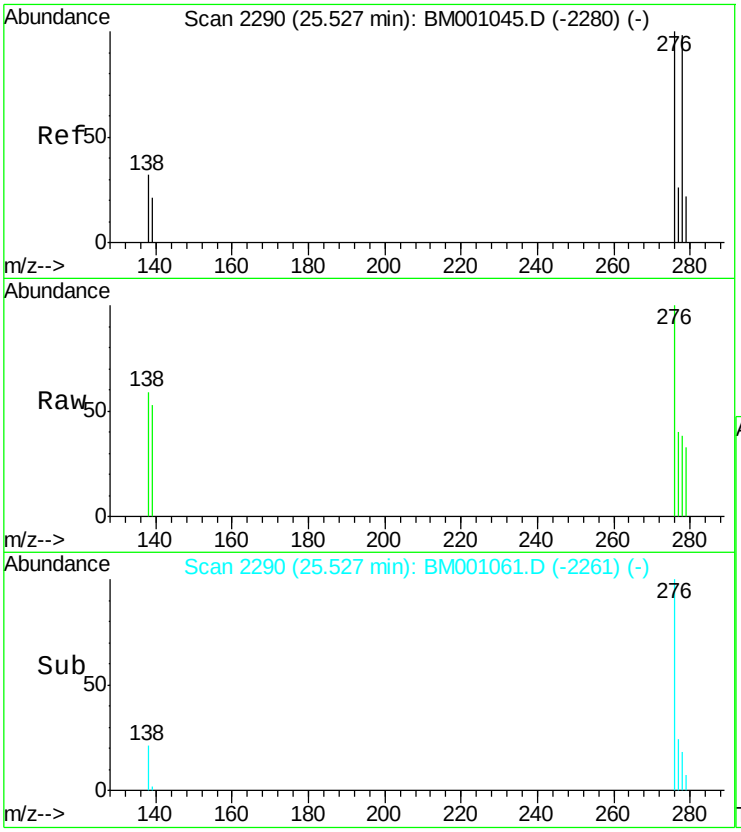


#28
Benzo(a)pyrene
Concen: 0.18 ng
RT: 23.25 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:252 Resp: 3688

Ion	Ratio	Lower	Upper
252	100		
253	42.8	18.6	27.8#
125	64.6	11.9	17.9#

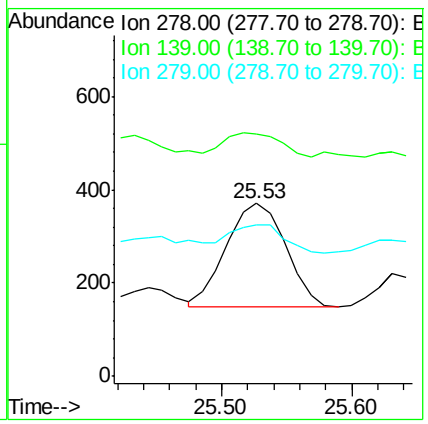


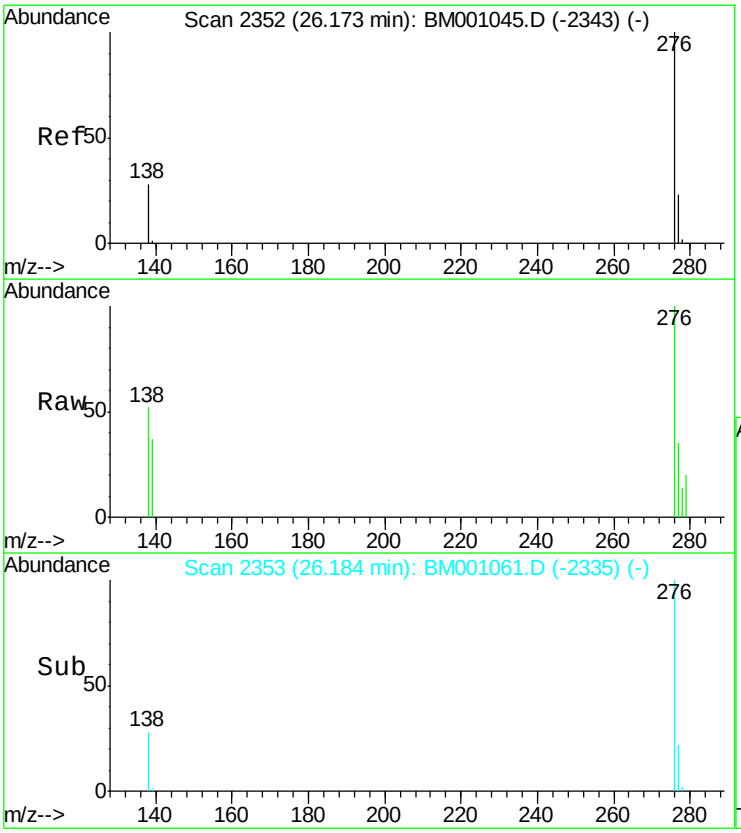


#29
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.53 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:278 Resp: 706

Ion	Ratio	Lower	Upper
278	100		
139	139.9	18.2	27.2#
279	87.9	19.1	28.7#





#30
Benzo(g,h,i)perylene
Concen: 0.14 ng
RT: 26.18 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BM001061.D
Acq: 18 Apr 2015 15:47

Tgt Ion:276 Resp: 3214

Ion	Ratio	Lower	Upper
276	100		
277	35.1	19.0	28.4#
138	52.3	23.4	35.2#