Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
Data File : BM001317.D
Acq On : 15 May 2015 06:17
Operator : TP/IZ
Sample : G2228-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 051215-P3-EU-M

Quant Time: May 15 07:26:54 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 05:24:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	13904	5.00	ng		-0.02
6) Naphthalene-d8	10.22	136	48353	5.00	ng		0.00
12) Acenaphthene-d10	14.12	164	25537	5.00	ng		0.00
18) Phenanthrene-d10	16.85	188	73754	5.00	ng		0.00
24) Chrysene-d12	21.07	240	46444	5.00	ng		-0.01
30) Perylene-d12	23.18	264	44869	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	10549	3.89	ng		-0.02
5) Phenol-d6	6.63	99	7635	2.50	ng		0.00
7) Nitrobenzene-d5	8.60	82	16150	5.29	ng		0.00
13) 2,4,6-Tribromophenol	15.63	330	6786	7.76	ng		0.00
14) 2-Fluorobiphenyl	12.73	172	52039	6.56	ng		0.00
26) Terphenyl-d14	19.51	244	49472	7.93	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.40	42	24	0.02	ng	#	2
8) Nitrobenzene	8.60	77	60	0.15	ng	#	21
9) Naphthalene	10.27	128	97	0.01	ng	#	1
10) Hexachlorobutadiene	10.52	225	12	0.01	ng	#	55
11) 2-Methylnaphthalene	11.90	142	27	0.00	ng	#	70
15) Acenaphthylene	13.42	152	171	0.02	ng	#	1
16) Acenaphthene	14.18	154	12	0.00	ng	#	44
17) Fluorene	14.77	166	389	0.06	ng	#	1
19) Hexachlorobenzene	16.18	284	7	0.00	ng	#	46
20) Pentachlorophenol	16.52	266	18	0.42	ng	#	71
21) Phenanthrene	16.88	178	174	0.02	ng	#	100
22) Anthracene	16.98	178	39	0.00	ng	#	57
23) Fluoranthene	18.93	202	187	0.01	ng	#	94
25) Pyrene	18.93	202	187	0.01	ng		95
27) Benzo(a)anthracene	21.06	228	259	0.02	ng	#	61
28) Chrysene	21.10	228	112	0.01	ng	#	43
29) Indeno(1,2,3-cd)pyrene	25.26	276	136	0.01	ng	#	85
31) Benzo(b)fluoranthene	22.55	252	153	0.01	ng	#	1
32) Benzo(k)fluoranthene	22.55	252	153	0.01	ng	#	1
33) Benzo(a)pyrene	23.08	252	92	0.01	ng	#	1
34) Dibenzo(a,h)anthracene	25.28	278	93	0.01	ng	#	1
35) Benzo(g,h,i)perylene	25.89	276	129	0.01	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051615\
Data File : BM001317.D
Acq On : 15 May 2015 06:17
Operator : TP/IZ
Sample : G2228-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
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Quant Time: May 15 07:26:54 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 05:24:15 2015
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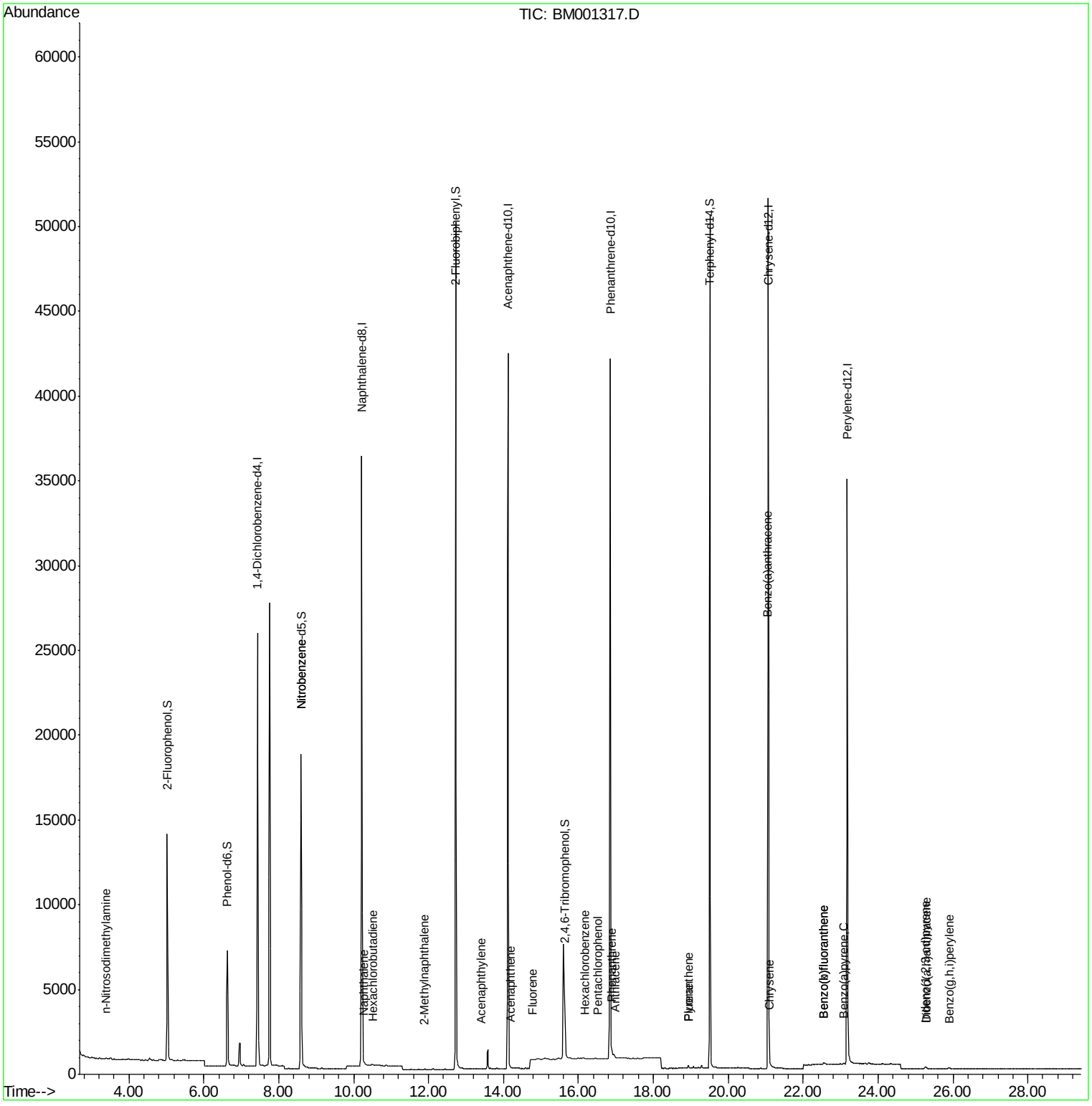
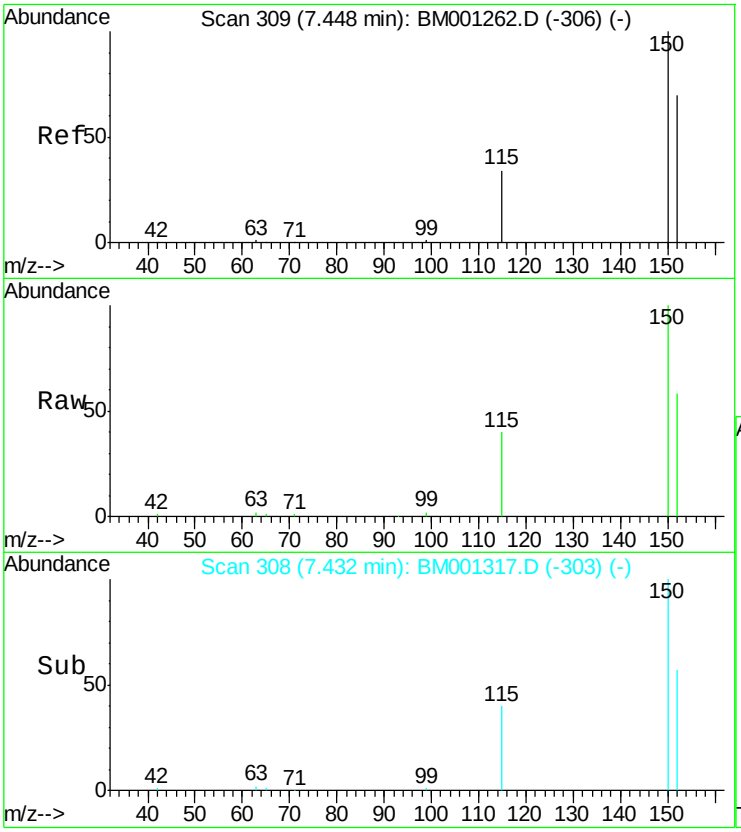


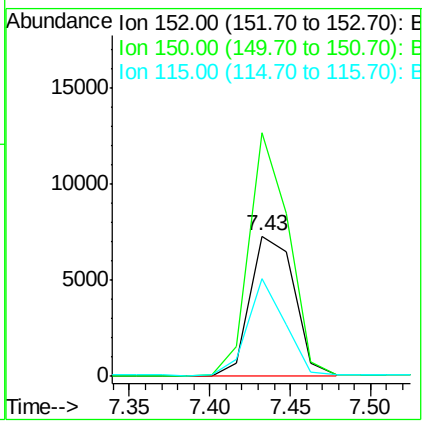


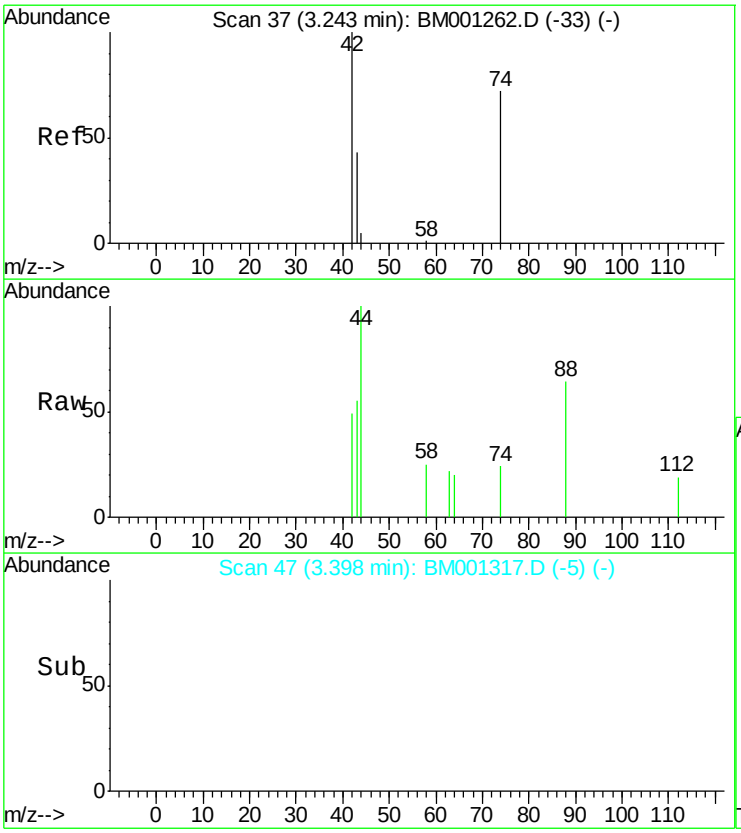
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.43 min Scan# 308
Delta R.T. -0.02 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:152 Resp: 13904

Ion	Ratio	Lower	Upper
152	100		
150	173.6	114.6	172.0#
115	70.1	39.3	58.9#

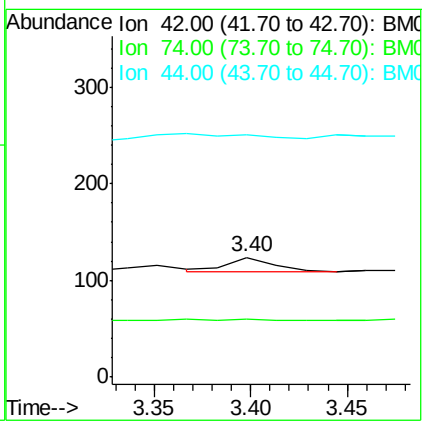


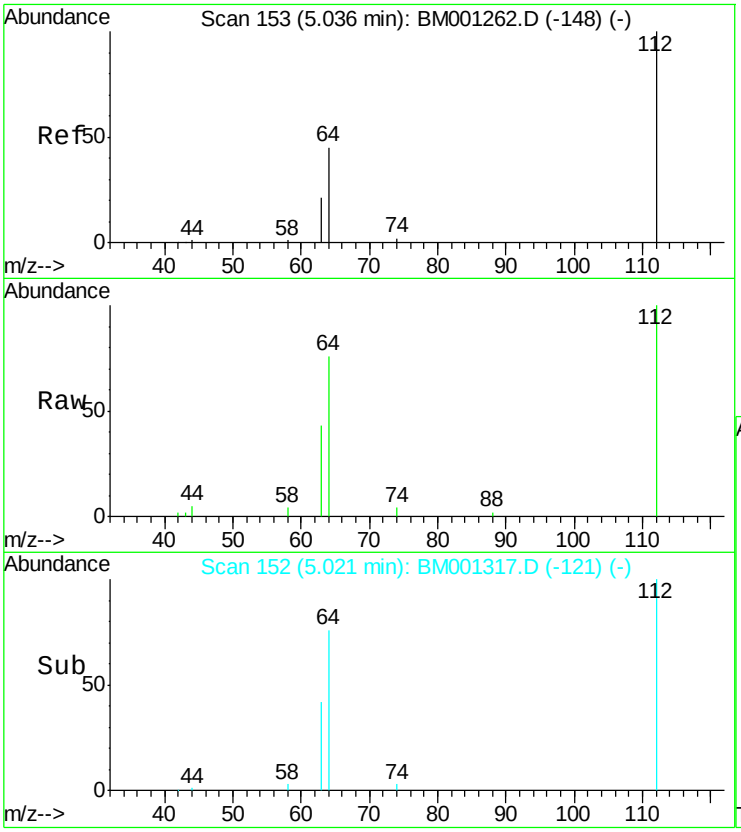


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.40 min Scan# 47
Delta R.T. 0.15 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion: 42 Resp: 24

Ion	Ratio	Lower	Upper
42	100		
74	0.0	82.1	123.1#
44	0.0	3.0	4.4#



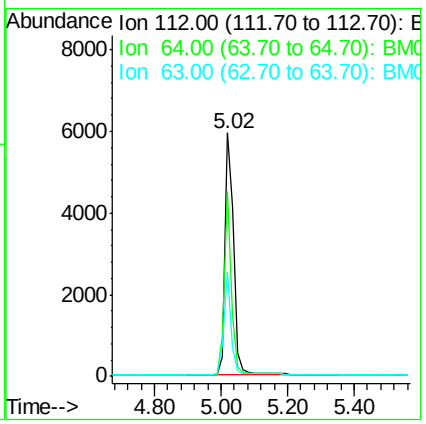


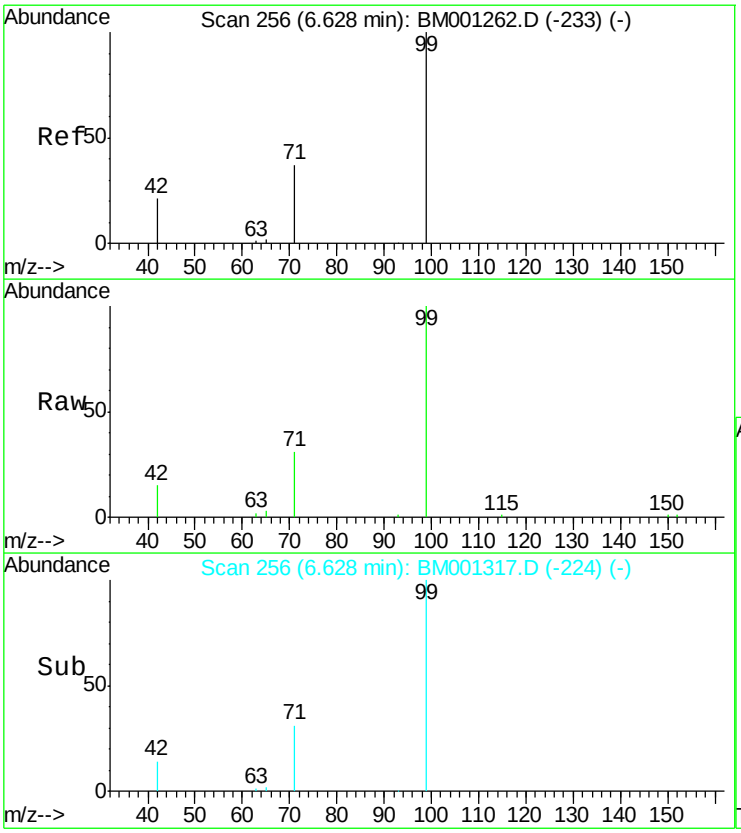
#4
2-Fluorophenol
Concen: 3.89 ng
RT: 5.02 min Scan# 152
Delta R.T. -0.02 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:112 Resp: 10549

Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.8	76.2
63	35.7	28.2	42.4

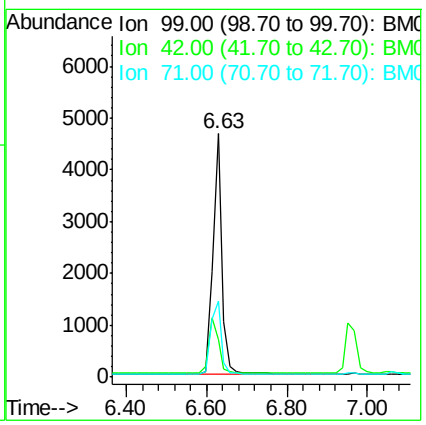


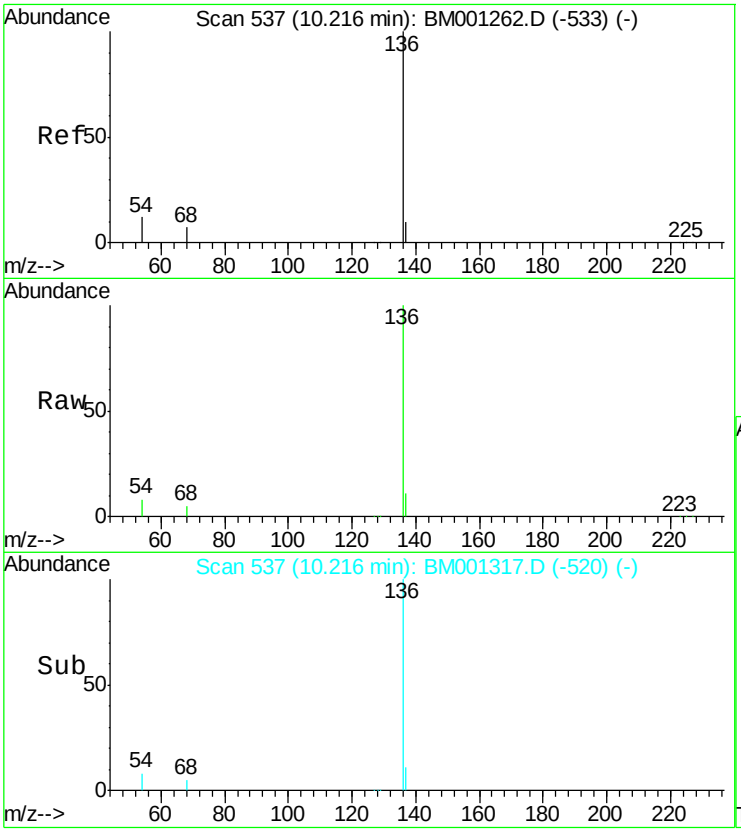


#5
Phenol-d6
Concen: 2.50 ng
RT: 6.63 min Scan# 256
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion: 99 Resp: 7635

Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.9	29.9
71	34.7	28.0	42.0



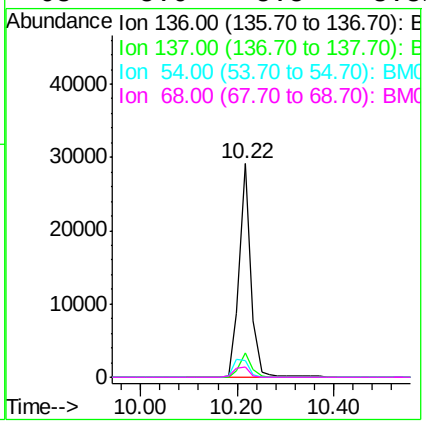


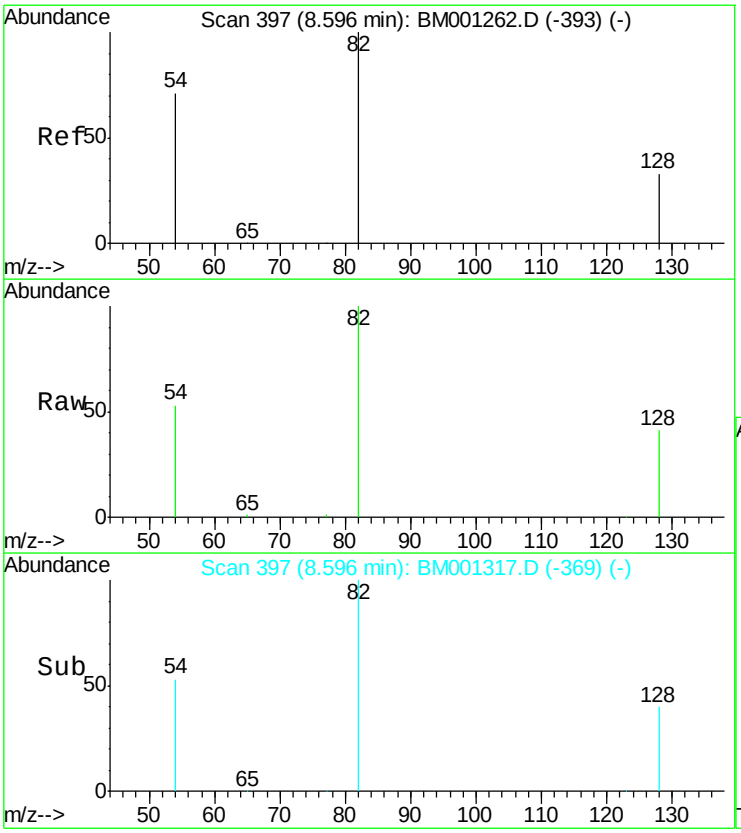
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:136 Resp: 48353

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	8.0	9.5	14.3#
68	5.0	5.5	8.3#

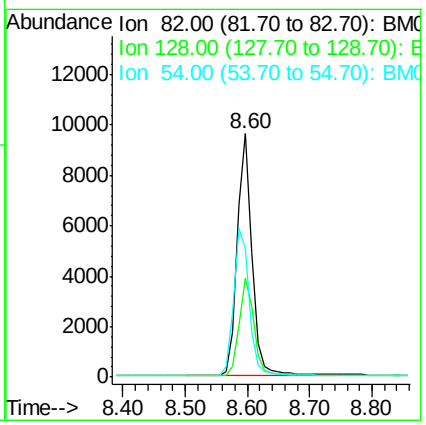


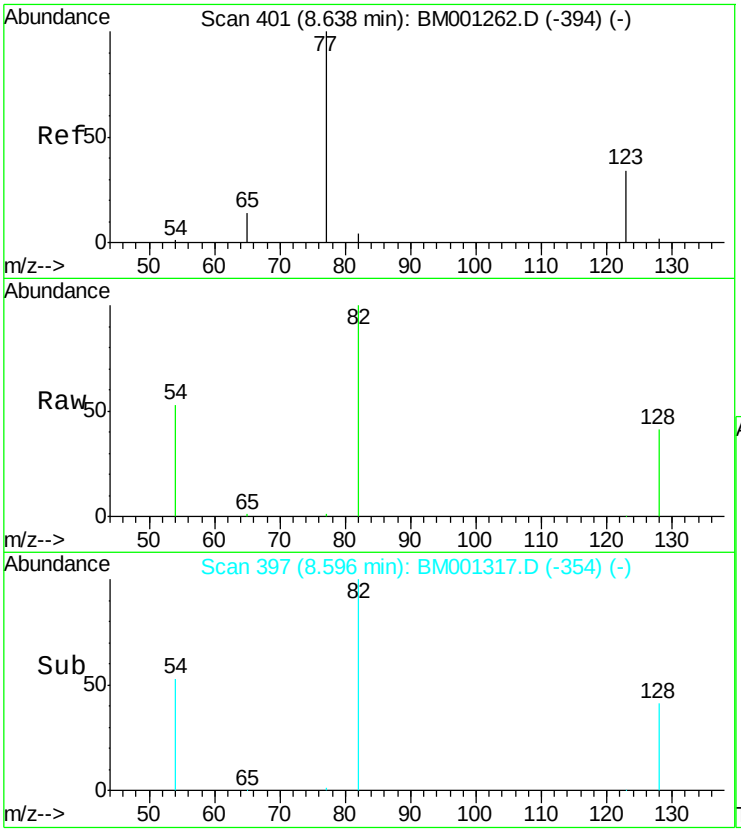


#7
Nitrobenzene-d5
Concen: 5.29 ng
RT: 8.60 min Scan# 397
Delta R.T. 0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion: 82 Resp: 16150

Ion	Ratio	Lower	Upper
82	100		
128	40.7	28.0	42.0
54	52.8	57.3	85.9#



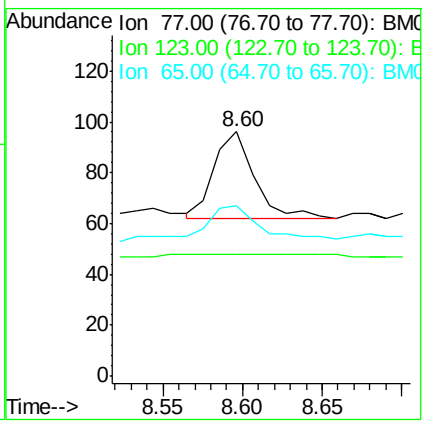


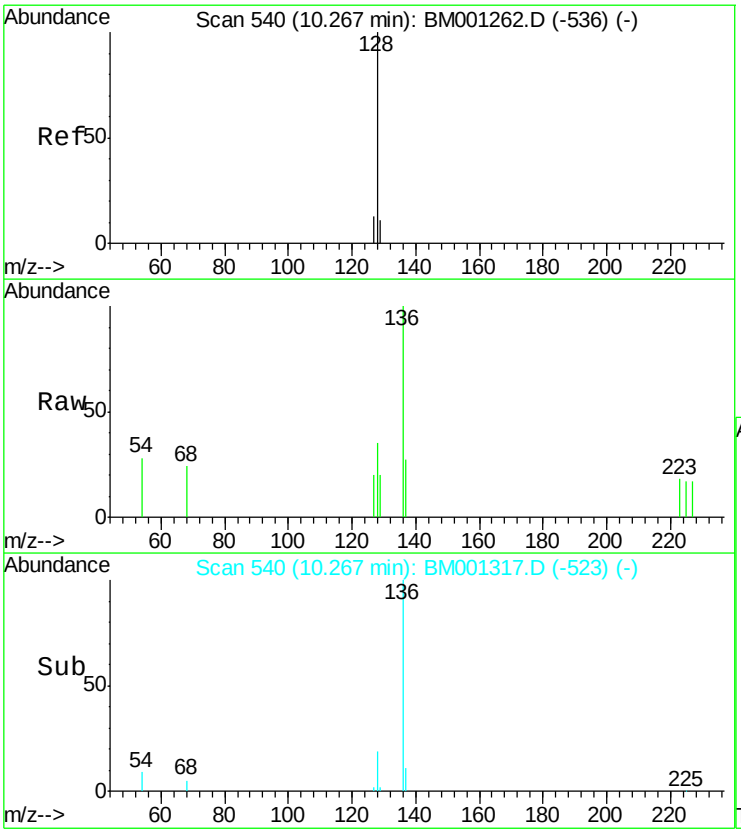
#8
Nitrobenzene
Concen: 0.15 ng
RT: 8.60 min Scan# 397
Delta R.T. -0.04 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion: 77 Resp: 60

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.4	50.2#
65	61.7	10.6	15.8#

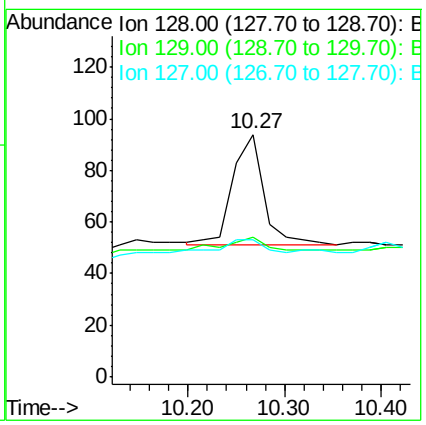


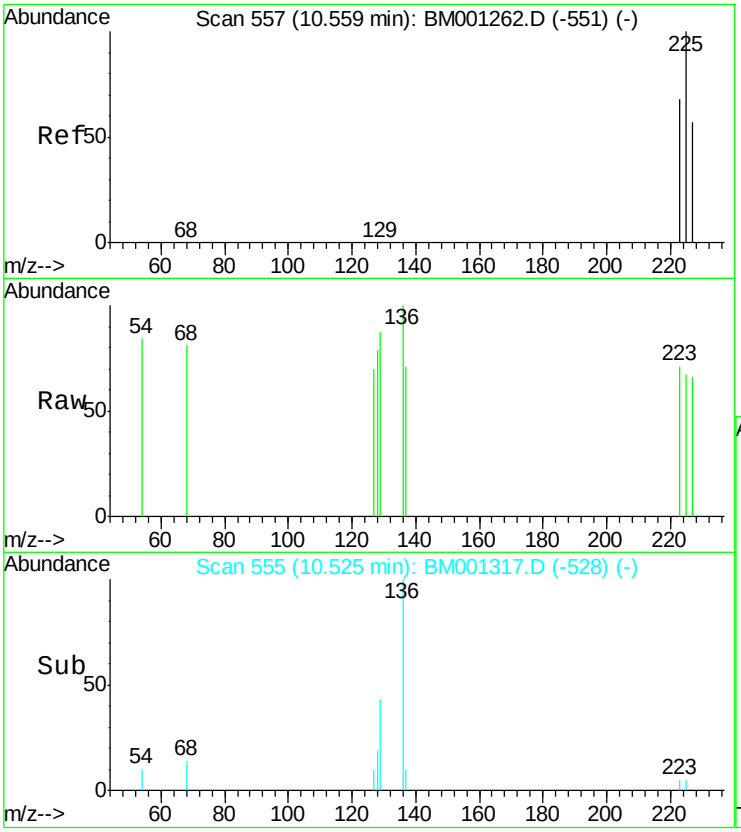


#9
Naphthalene
Concen: 0.01 ng
RT: 10.27 min Scan# 540
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:128 Resp: 97

Ion	Ratio	Lower	Upper
128	100		
129	57.4	9.1	13.7#
127	56.4	10.6	16.0#



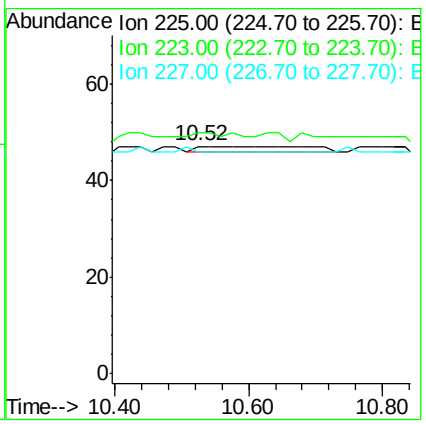


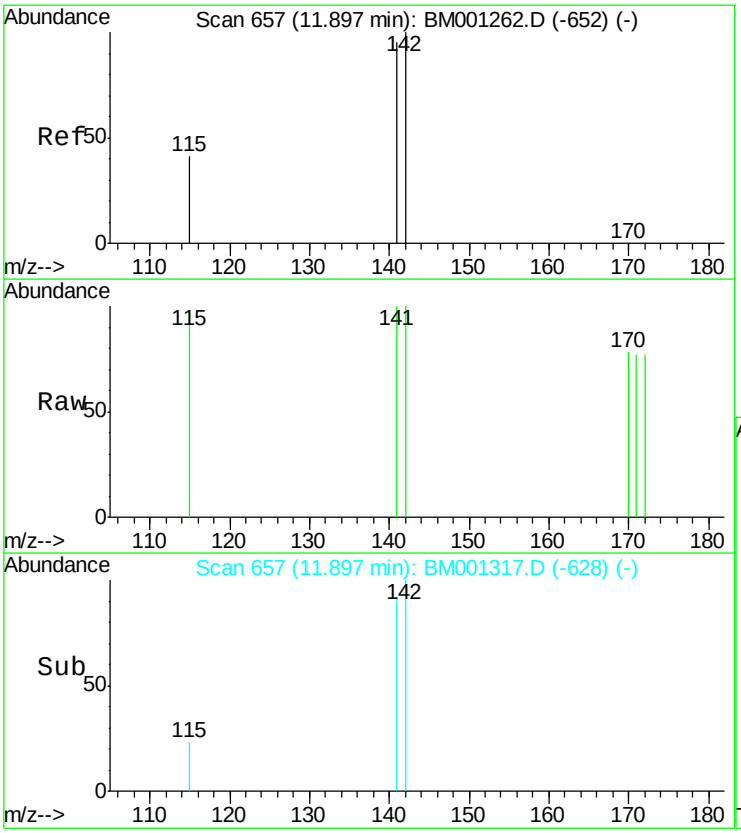
#10
Hexachlorobutadiene
Concen: 0.01 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.03 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:225 Resp: 12

Ion	Ratio	Lower	Upper
225	100		
223	75.0	49.6	74.4#
227	8.3	51.4	77.2#

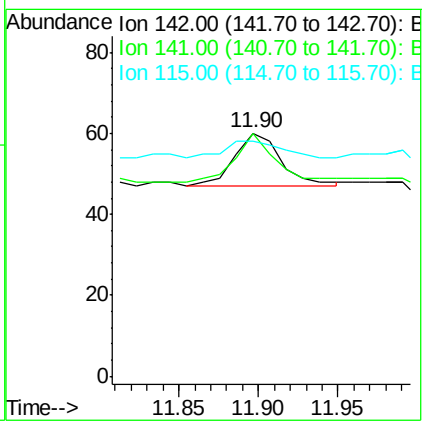


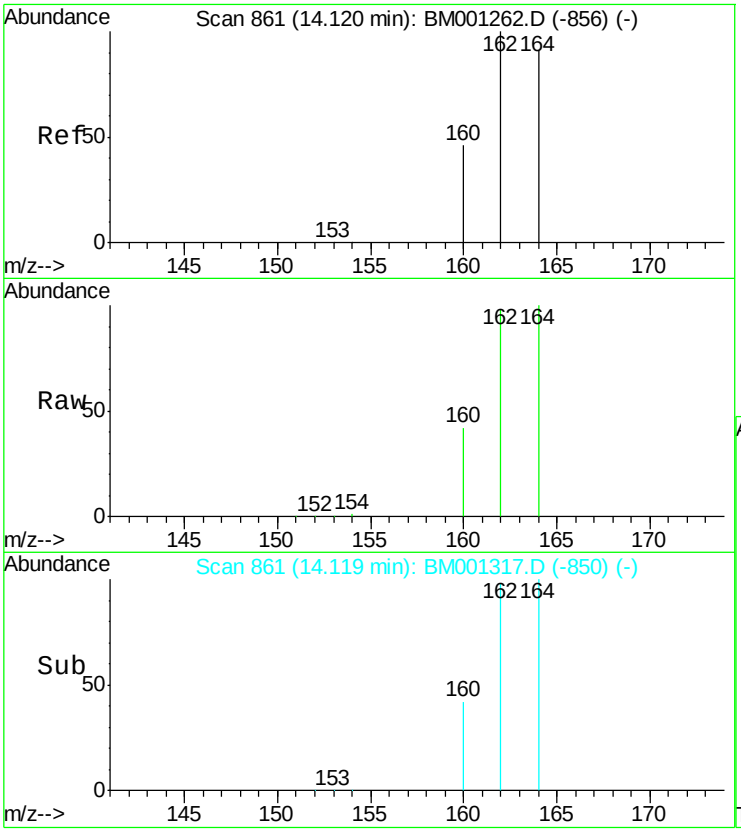


#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 11.90 min Scan# 657
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:142 Resp: 27

Ion	Ratio	Lower	Upper
142	100		
141	100.0	76.1	114.1
115	96.7	33.1	49.7#



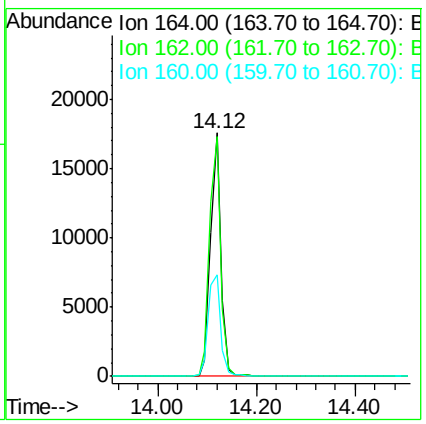


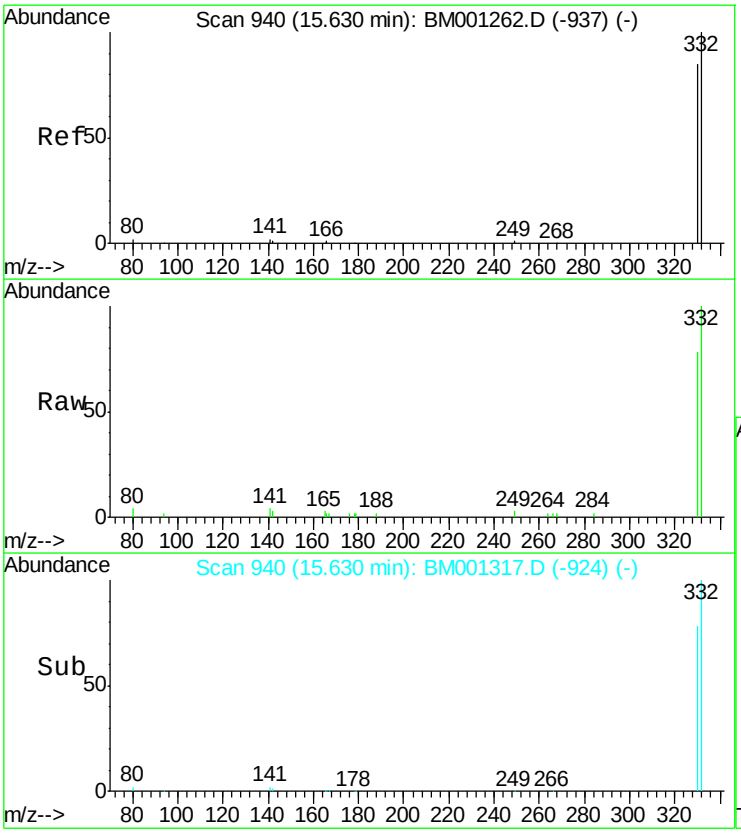
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 861
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:164 Resp: 25537

Ion	Ratio	Lower	Upper
164	100		
162	98.5	87.9	131.9
160	41.7	40.9	61.3

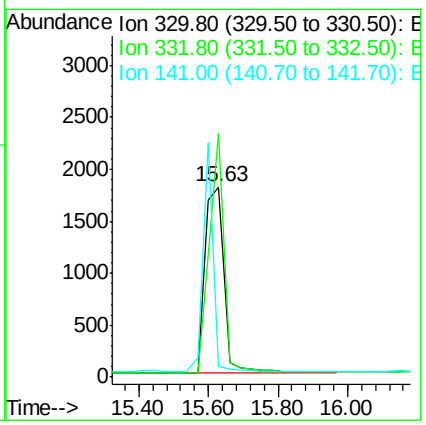


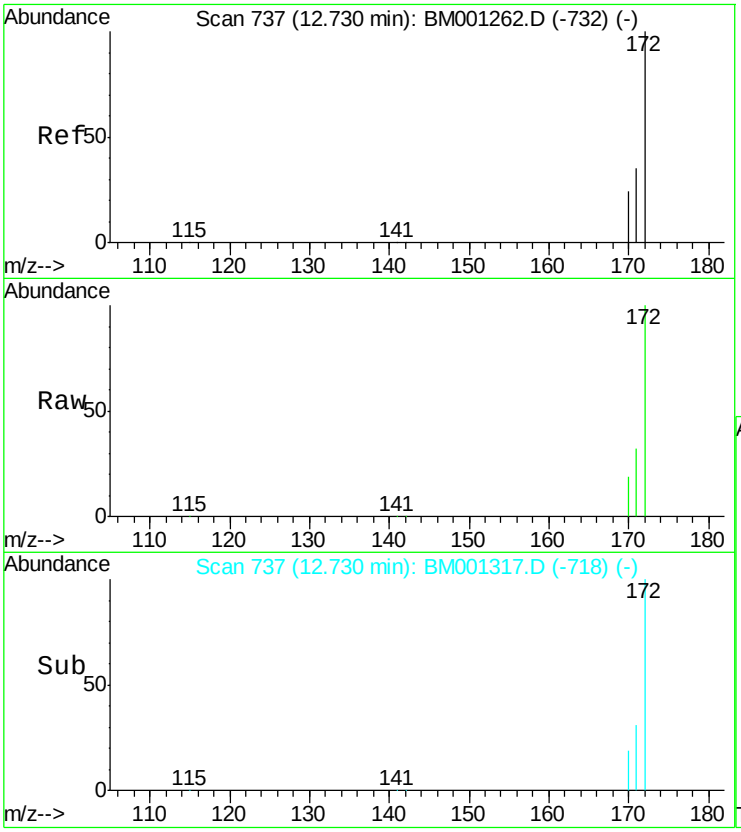


#13
2,4,6-Tribromophenol
Concen: 7.76 ng
RT: 15.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:330 Resp: 6786

Ion	Ratio	Lower	Upper
330	100		
332	99.3	89.0	133.4
141	0.0	0.0	0.0



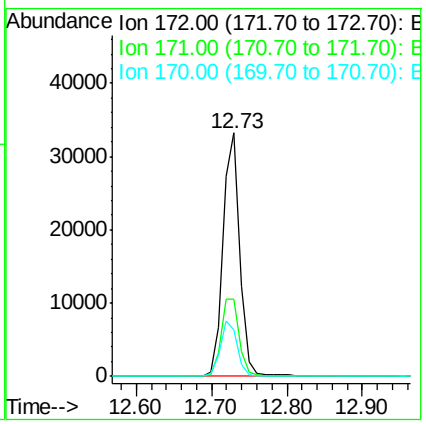


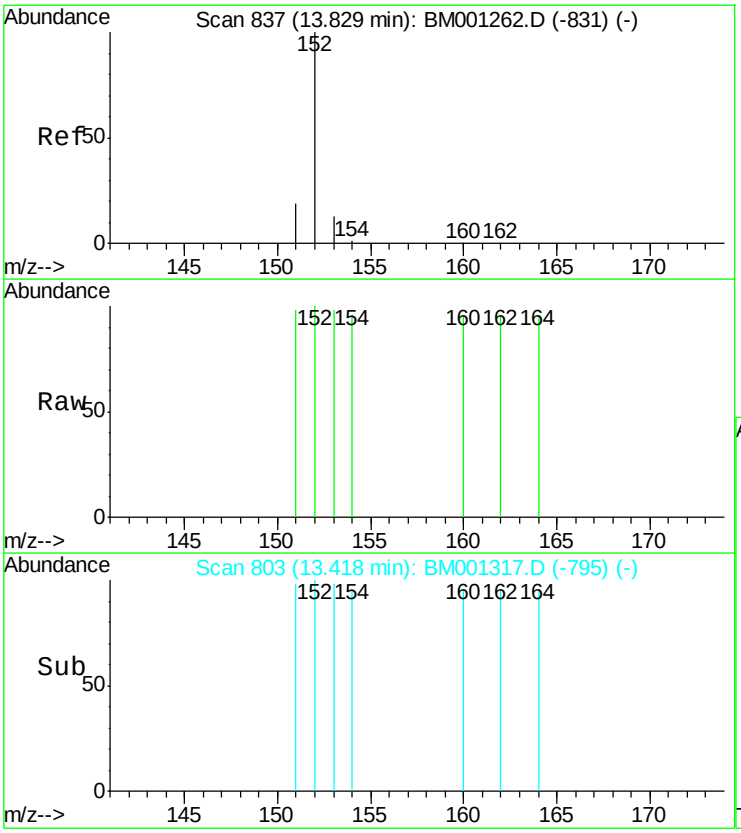
#14
2-Fluorobiphenyl
Concen: 6.56 ng
RT: 12.73 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:172 Resp: 52039

Ion	Ratio	Lower	Upper
172	100		
171	31.6	28.7	43.1
170	18.9	19.5	29.3#

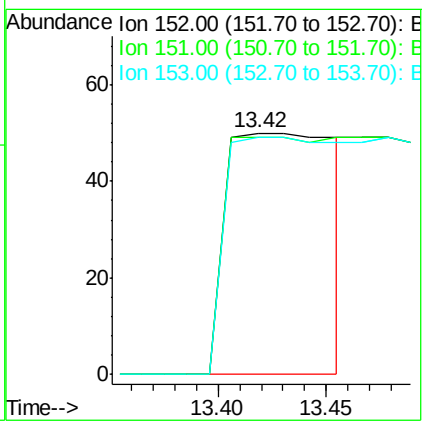


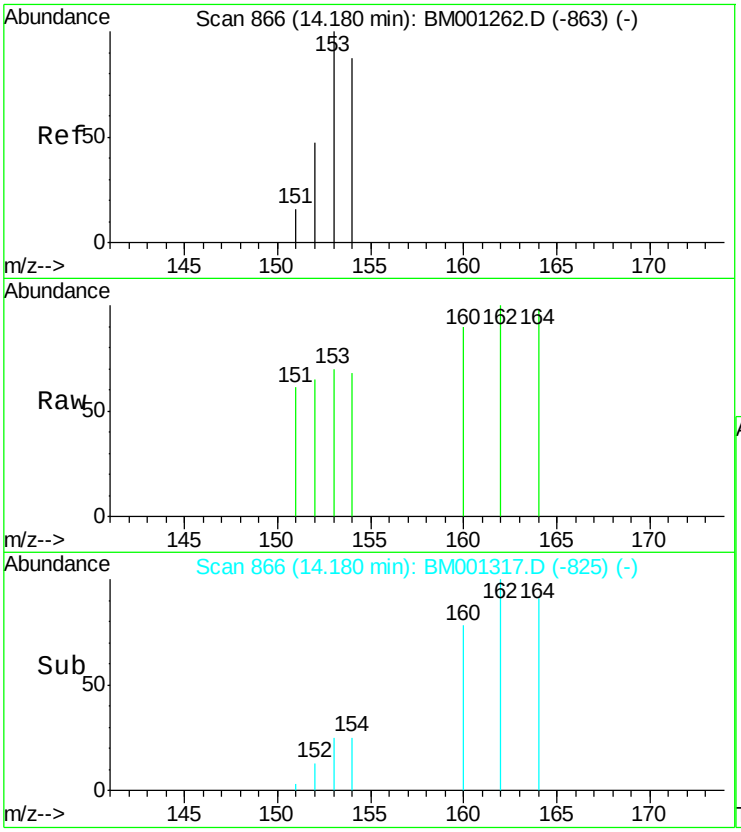


#15
Acenaphthylene
Concen: 0.02 ng
RT: 13.42 min Scan# 803
Delta R.T. -0.41 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:152 Resp: 171

Ion	Ratio	Lower	Upper
152	100		
151	78.4	15.0	22.4#
153	97.7	10.1	15.1#



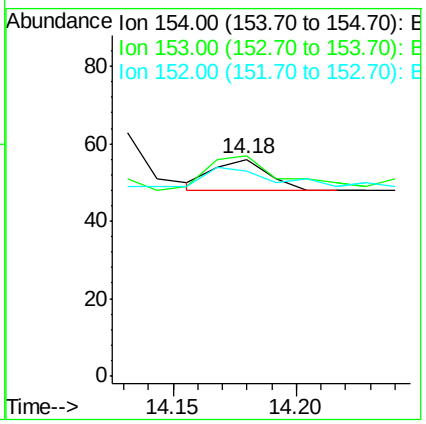


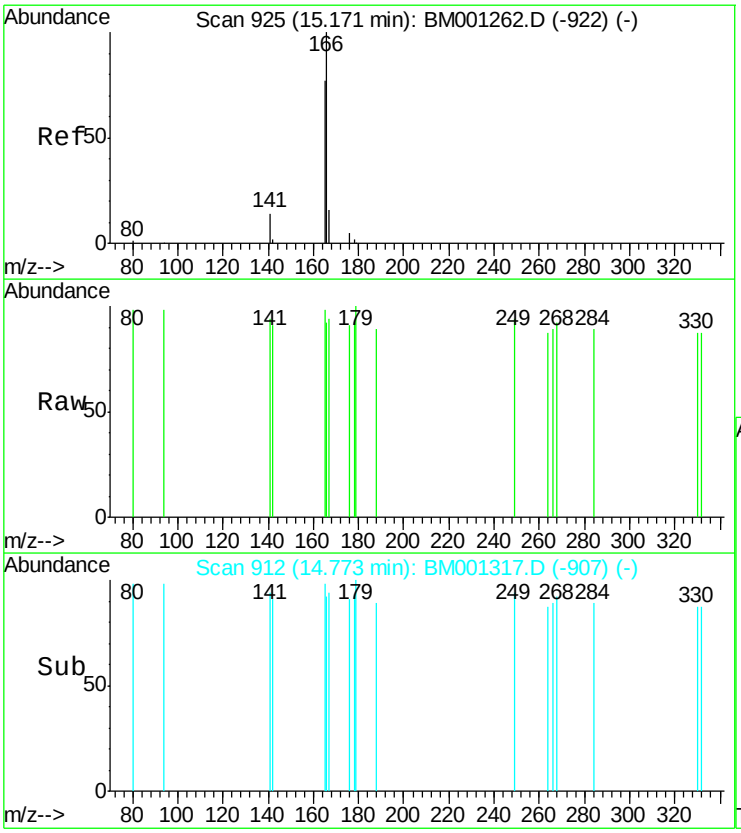
#16
Acenaphthene
Concen: 0.00 ng
RT: 14.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:154 Resp: 12

Ion	Ratio	Lower	Upper
154	100		
153	166.7	91.4	137.2#
152	108.3	44.3	66.5#

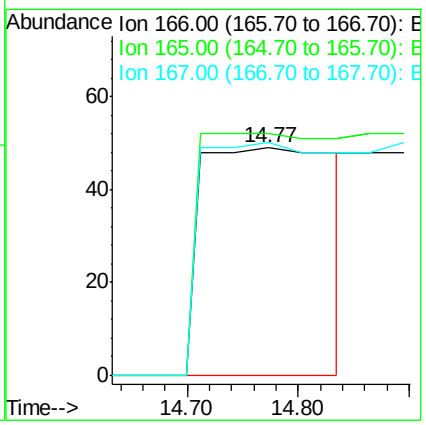


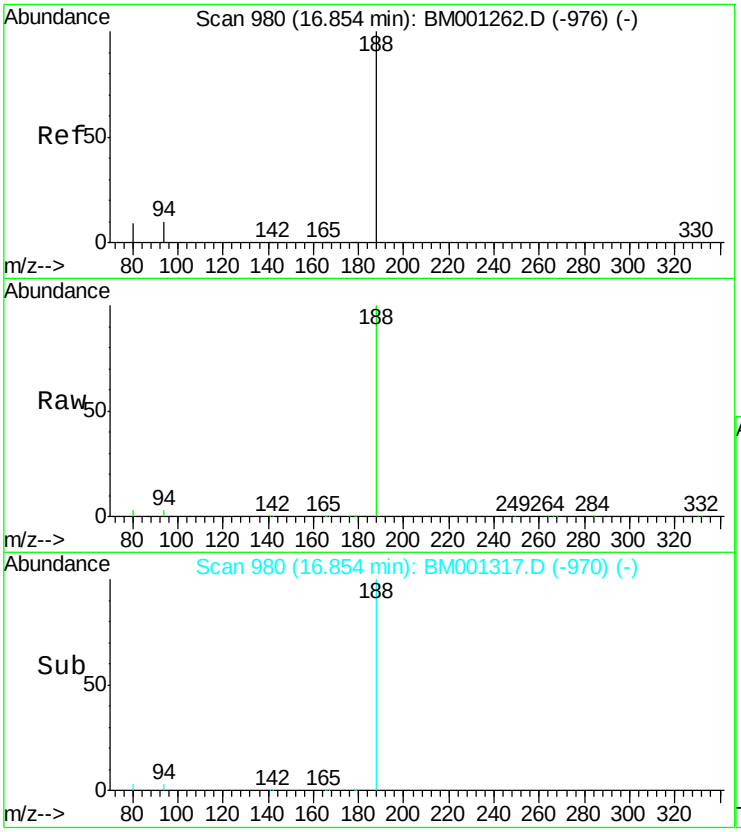


#17
Fluorene
Concen: 0.06 ng
RT: 14.77 min Scan# 912
Delta R.T. -0.40 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:166 Resp: 389

Ion	Ratio	Lower	Upper
166	100		
165	0.0	70.6	106.0#
167	101.3	11.3	16.9#



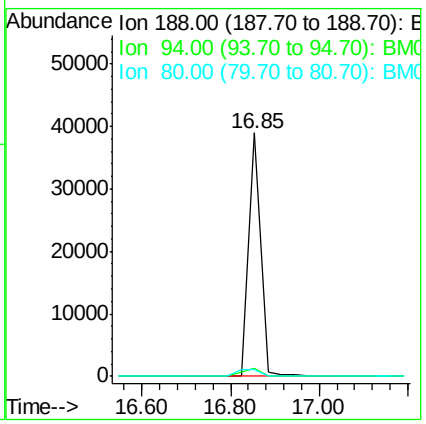


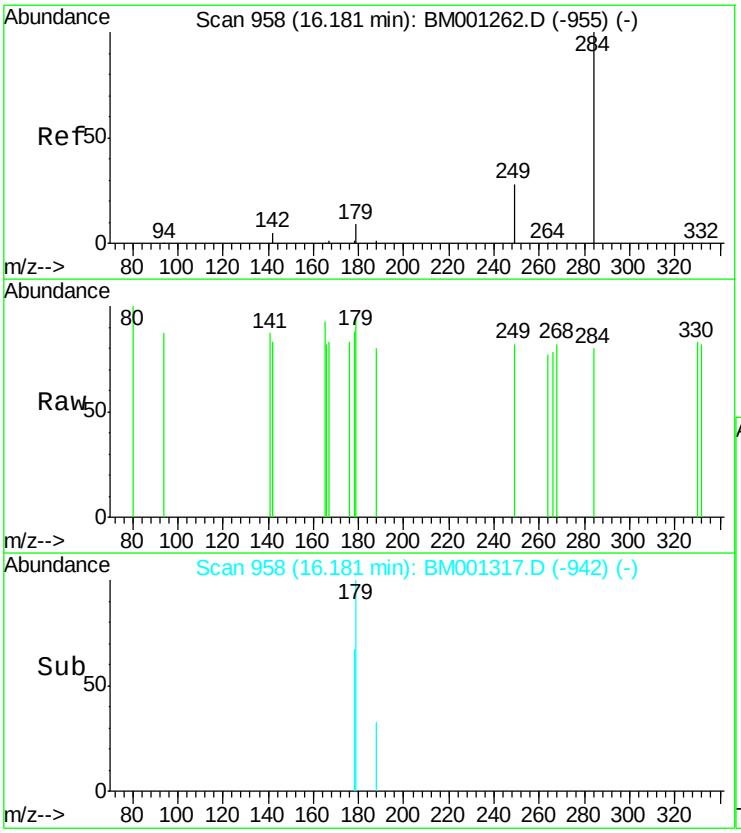
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:188 Resp: 73754

Ion	Ratio	Lower	Upper
188	100		
94	3.2	7.8	11.8#
80	2.8	7.5	11.3#

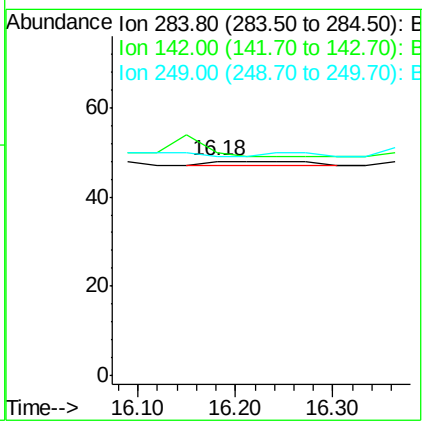


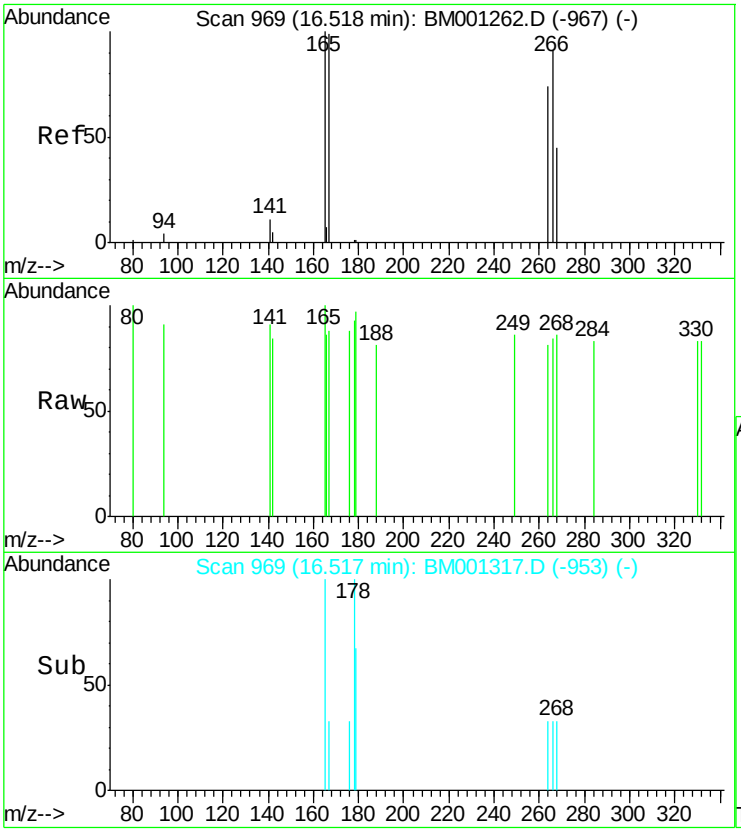


#19
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.18 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:284 Resp: 7

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	22.7	34.1#



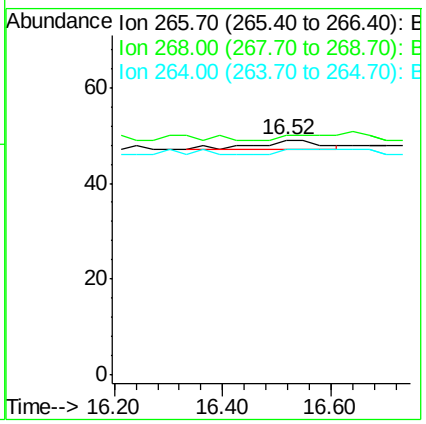


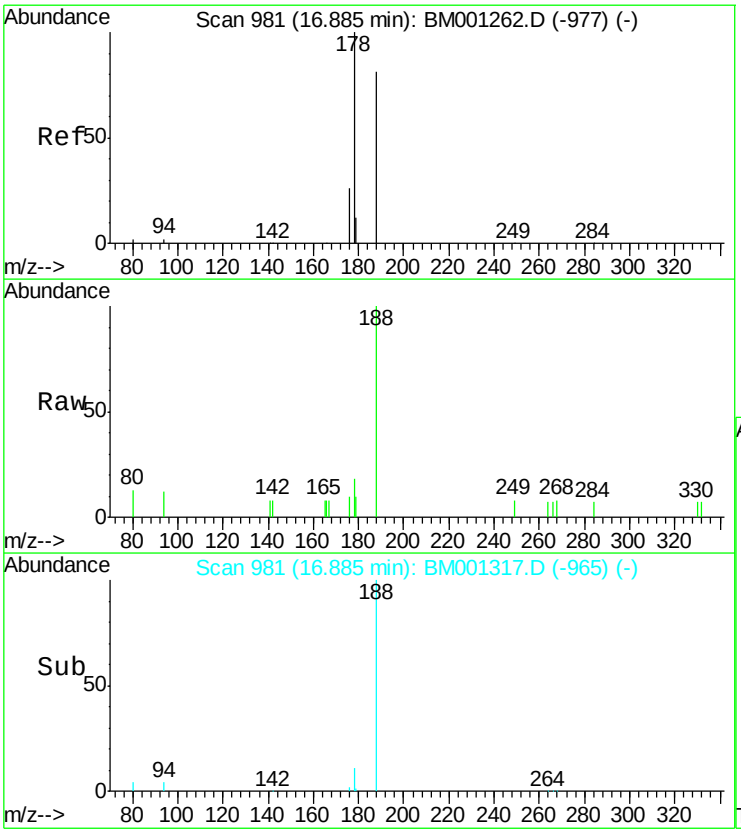
#20
Pentachlorophenol
Concen: 0.42 ng
RT: 16.52 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
268	102.0	49.4	74.0#
264	95.9	67.8	101.6

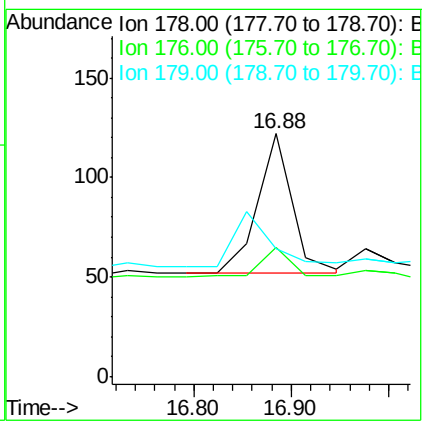


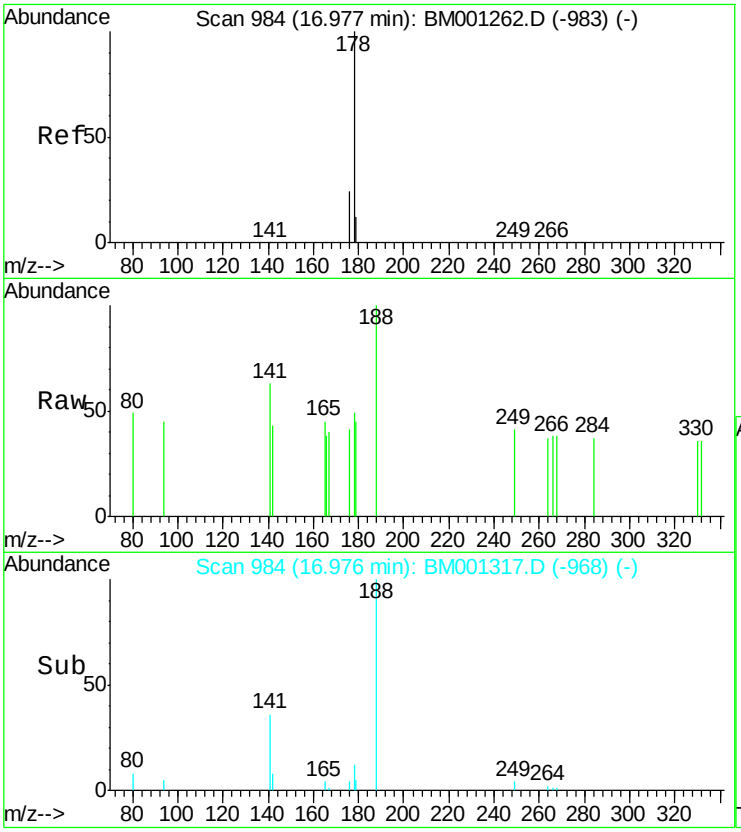


#21
Phenanthrene
Concen: 0.02 ng
RT: 16.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:178 Resp: 174

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	0.0	0.0	0.0



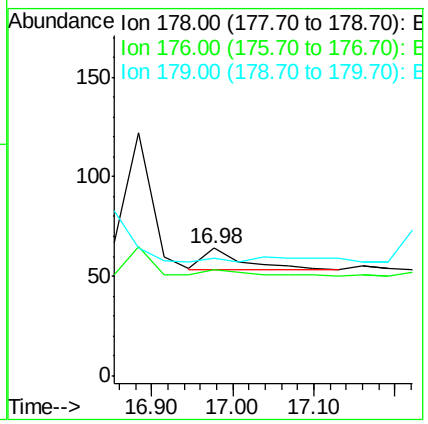


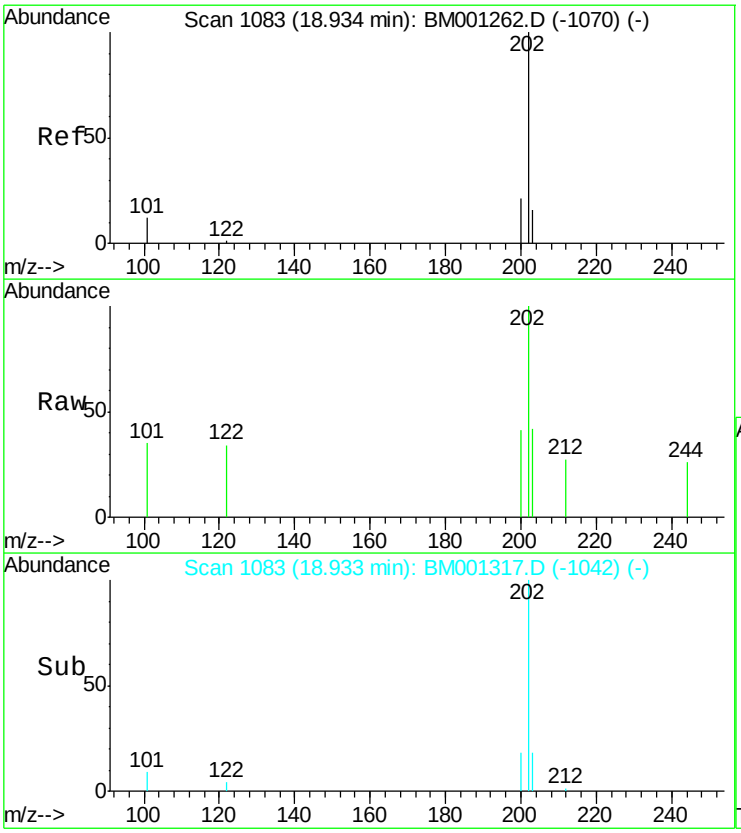
#22
Anthracene
Concen: 0.00 ng
RT: 16.98 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:178 Resp: 39

Ion	Ratio	Lower	Upper
178	100		
176	38.5	15.3	22.9#
179	0.0	0.0	0.0

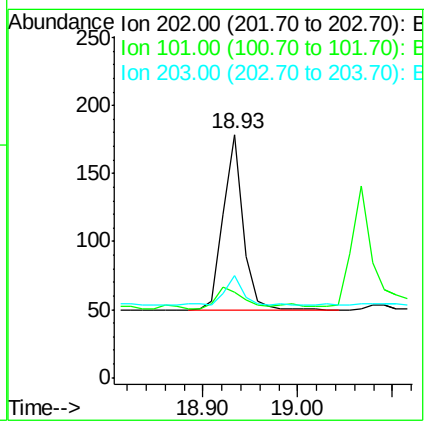


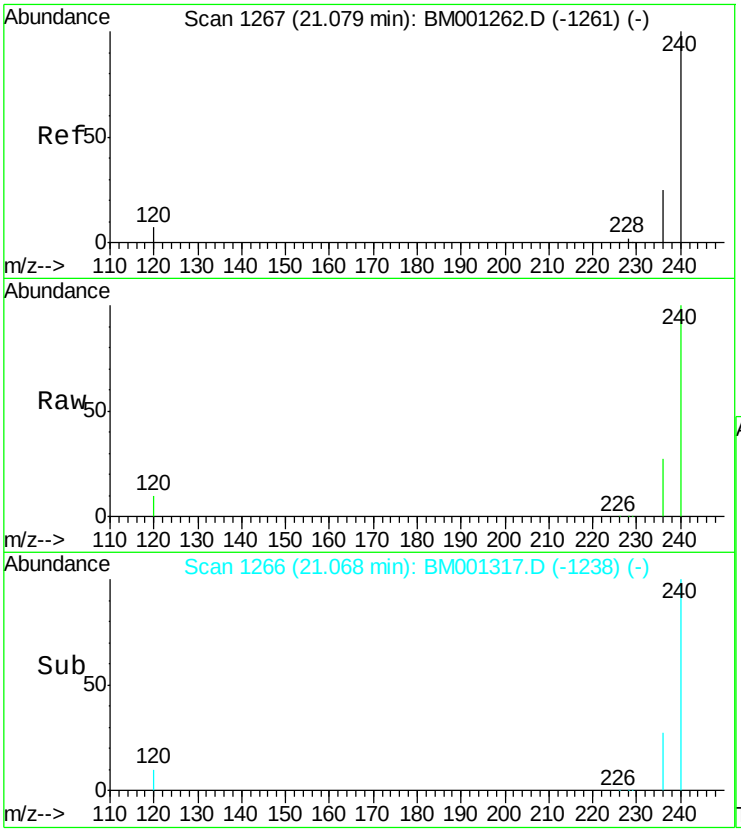


#23
Fluoranthene
Concen: 0.01 ng
RT: 18.93 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:202 Resp: 187

Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.1	13.7#
203	16.0	13.8	20.6



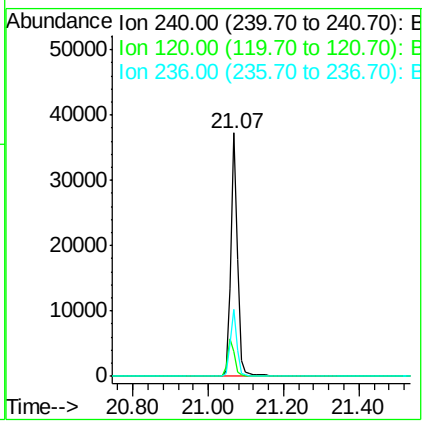


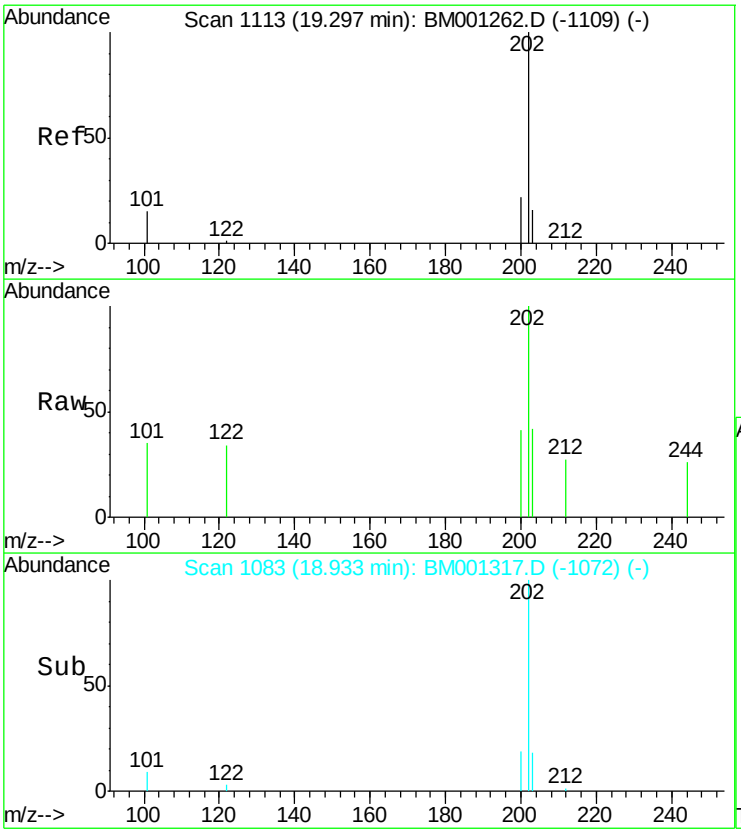
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:240 Resp: 46444

Ion	Ratio	Lower	Upper
240	100		
120	10.3	5.5	8.3#
236	27.5	20.4	30.6

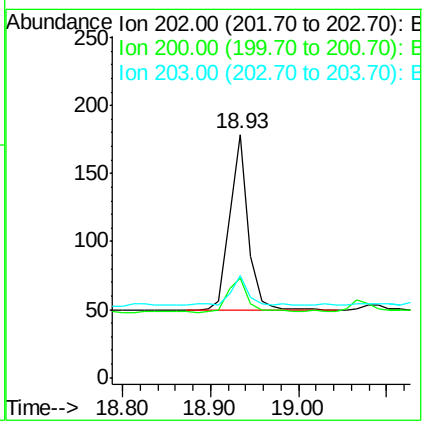


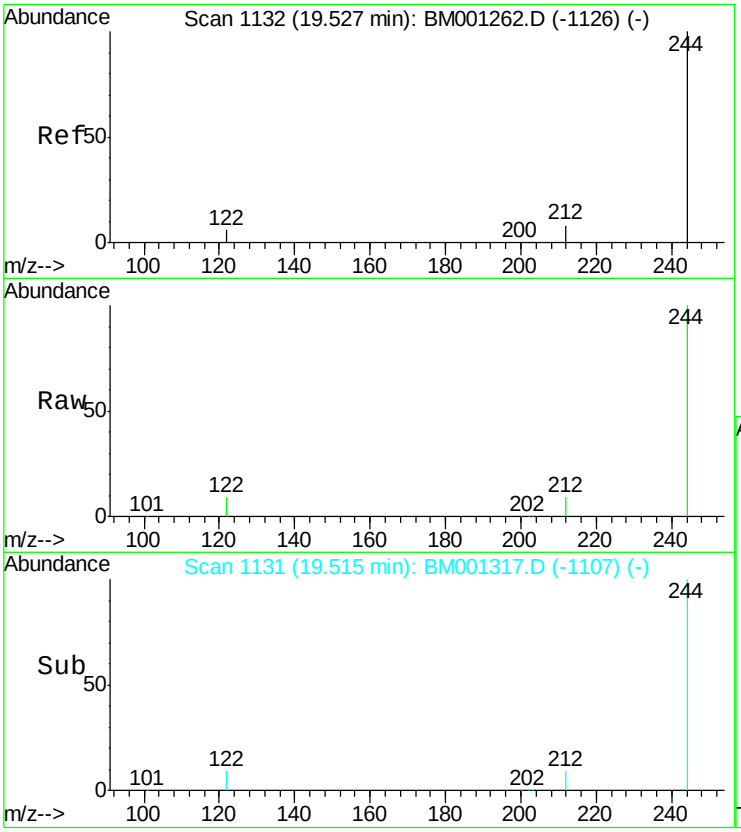


#25
Pyrene
Concen: 0.01 ng
RT: 18.93 min Scan# 1083
Delta R.T. -0.36 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:202 Resp: 187

Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.4	24.6
203	16.0	13.9	20.9



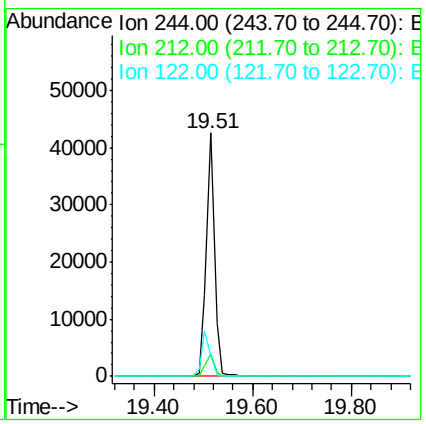


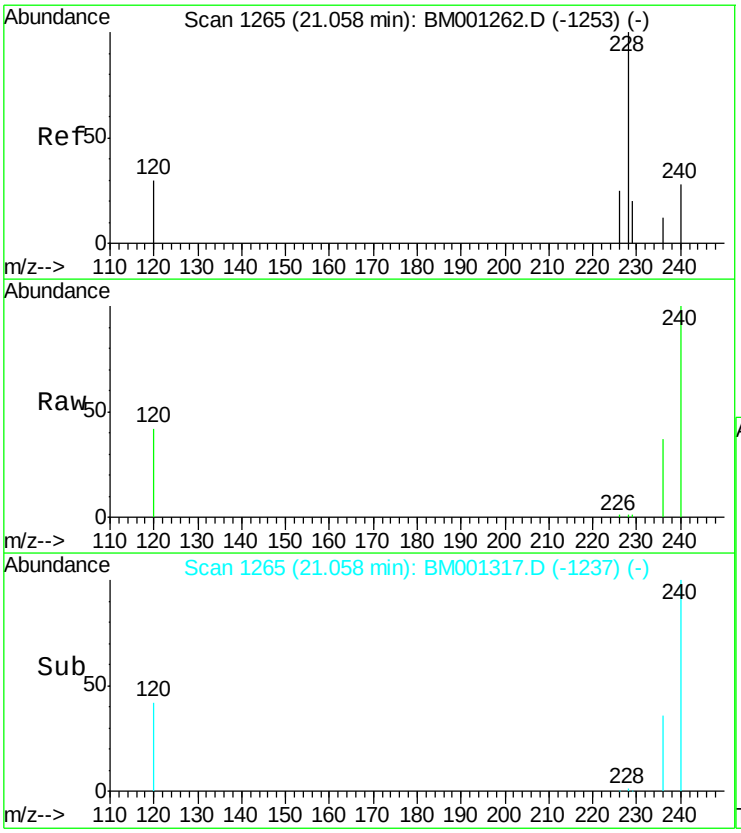
#26
Terphenyl-d14
Concen: 7.93 ng
RT: 19.51 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:244 Resp: 49472

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.2	10.8
122	8.8	5.6	8.4#

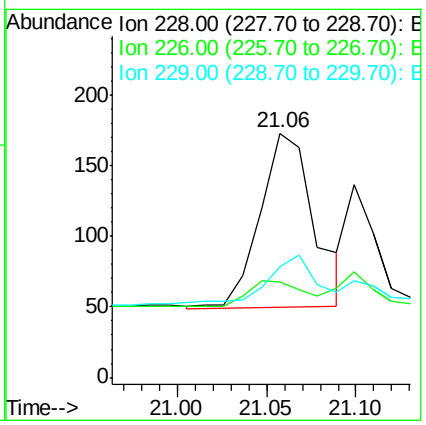


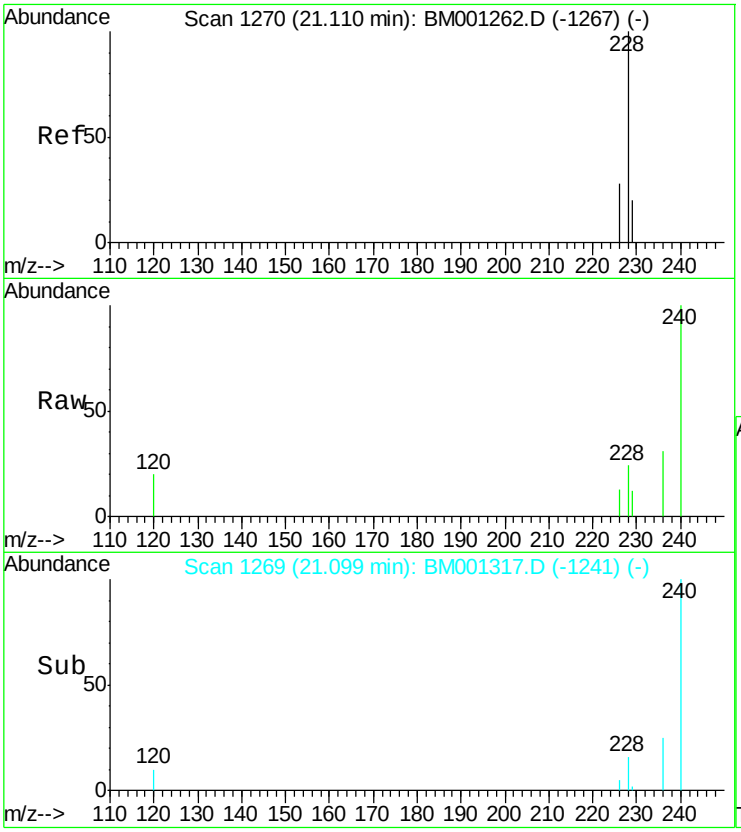


#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.06 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:228 Resp: 259

Ion	Ratio	Lower	Upper
228	100		
226	39.3	20.5	30.7#
229	45.7	16.2	24.4#



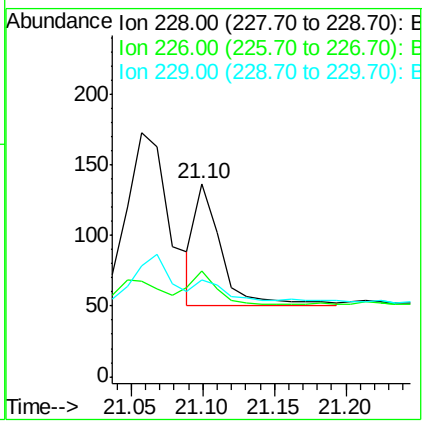


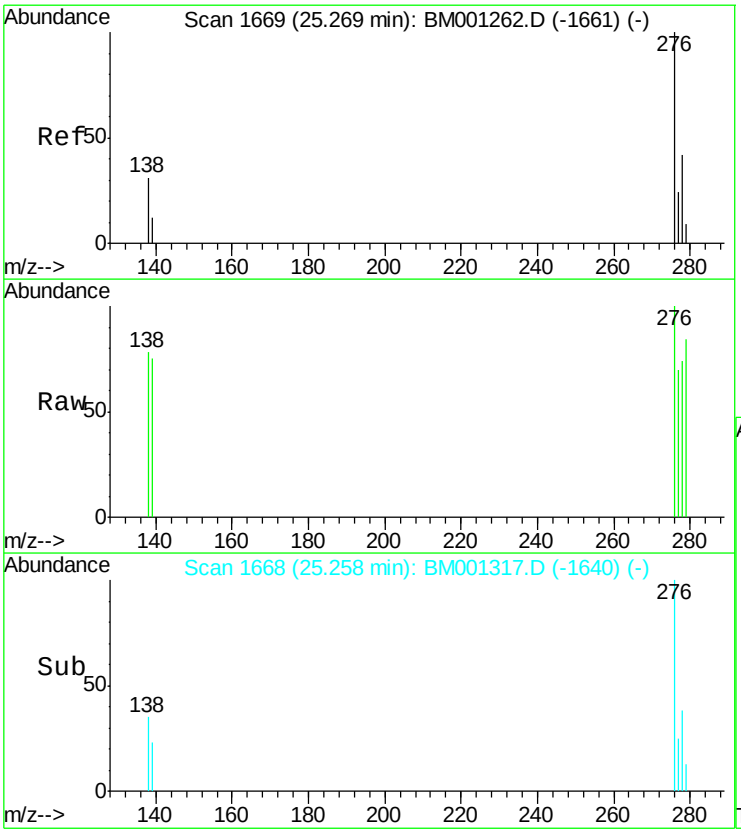
#28
Chrysene
Concen: 0.01 ng
RT: 21.10 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:228 Resp: 112

Ion	Ratio	Lower	Upper
228	100		
226	54.7	22.2	33.2#
229	50.4	16.5	24.7#

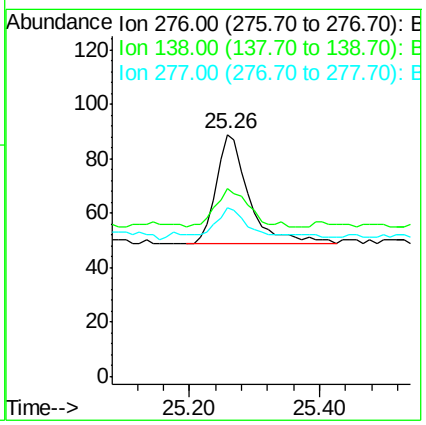


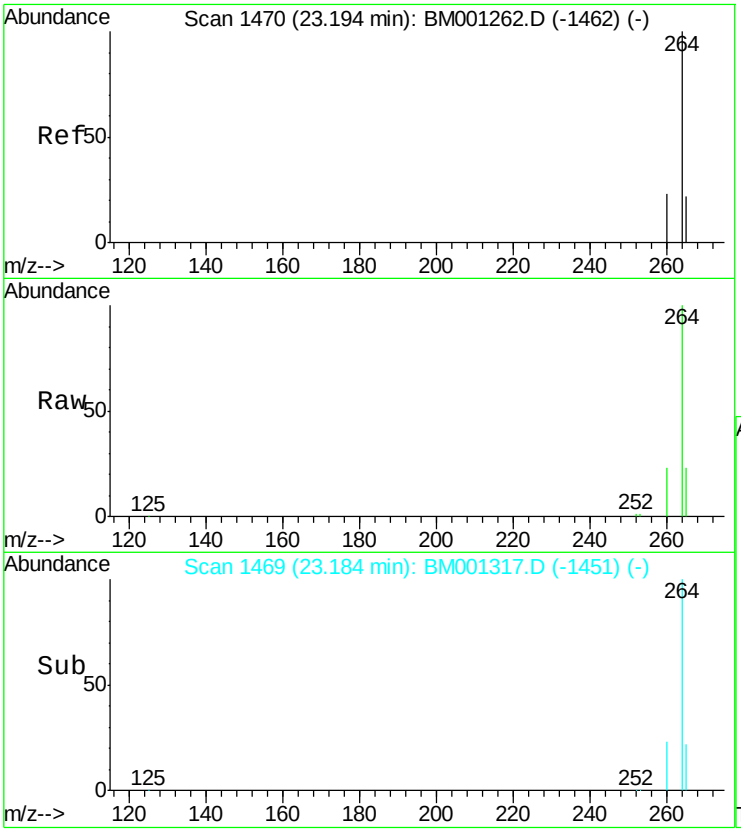


#29
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 25.26 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:276 Resp: 136

Ion	Ratio	Lower	Upper
276	100		
138	39.7	24.9	37.3#
277	31.6	19.5	29.3#



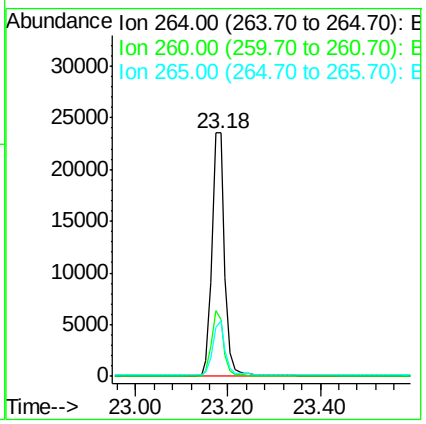


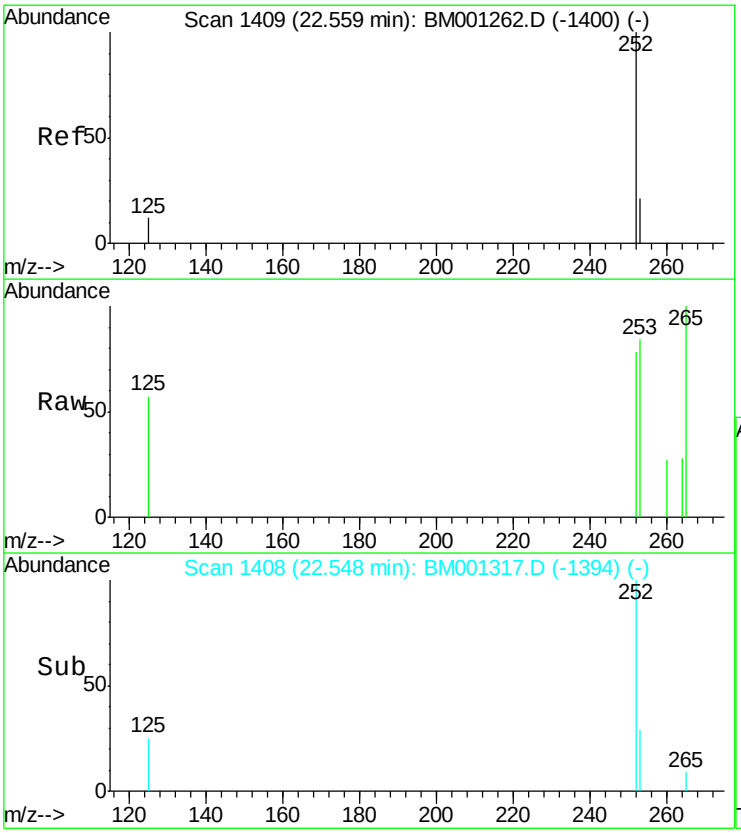
#30
Perylene-d12
Concen: 5.00 ng
RT: 23.18 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:264 Resp: 44869

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.9	18.1	27.1

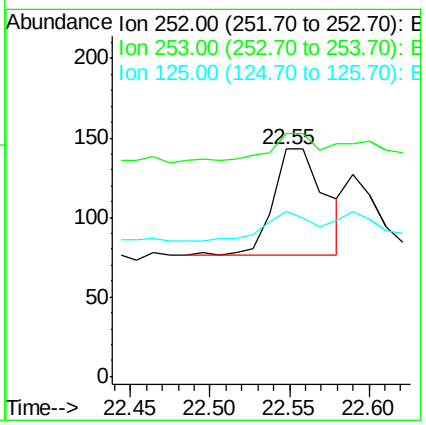


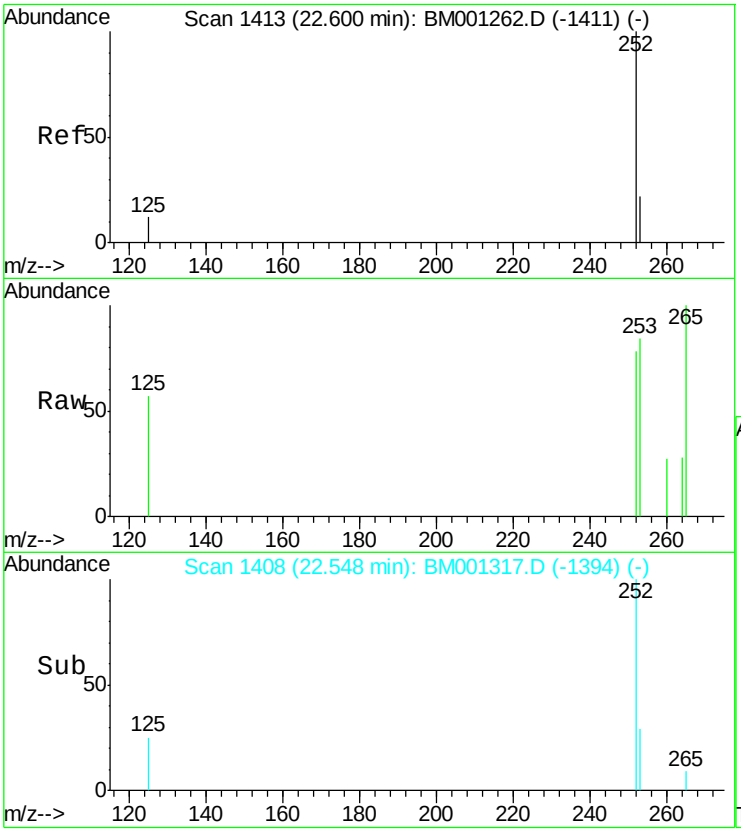


#31
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 22.55 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:252 Resp: 153

Ion	Ratio	Lower	Upper
252	100		
253	107.0	17.8	26.6#
125	72.7	10.4	15.6#



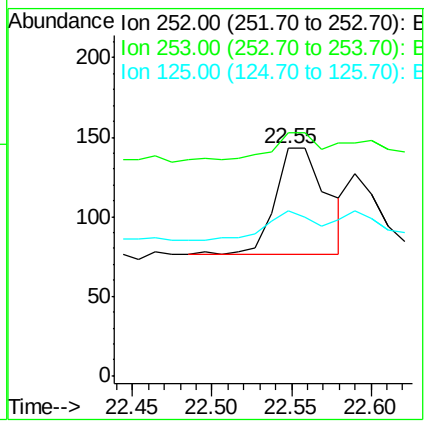


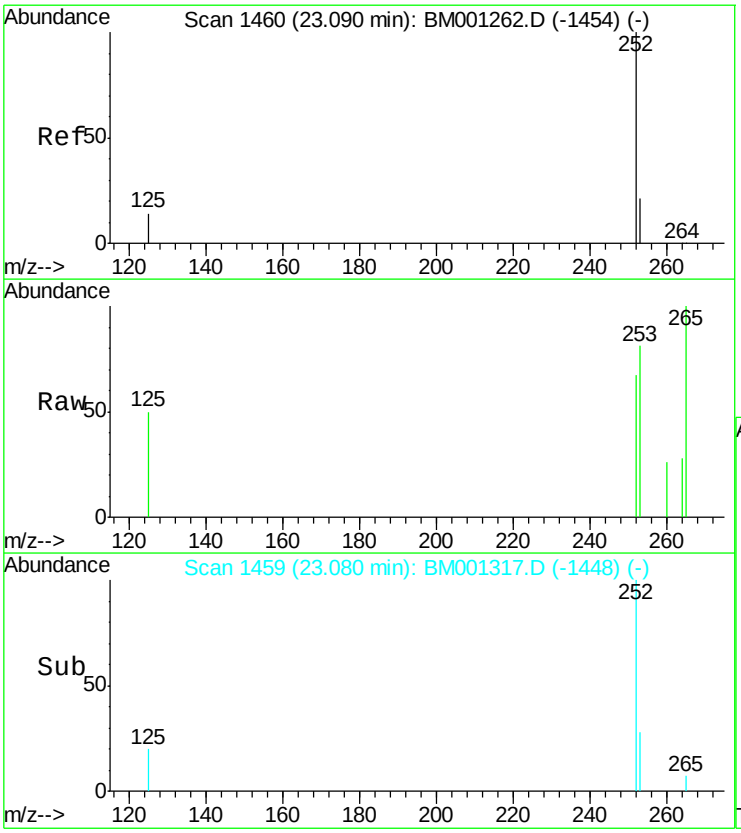
#32
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 22.55 min Scan# 1408
Delta R.T. -0.05 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:252 Resp: 153

Ion	Ratio	Lower	Upper
252	100		
253	107.0	18.6	27.8#
125	72.7	10.2	15.4#

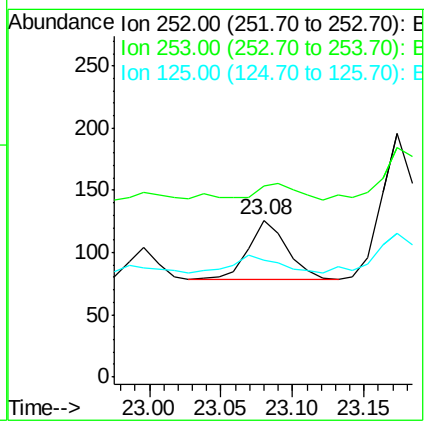


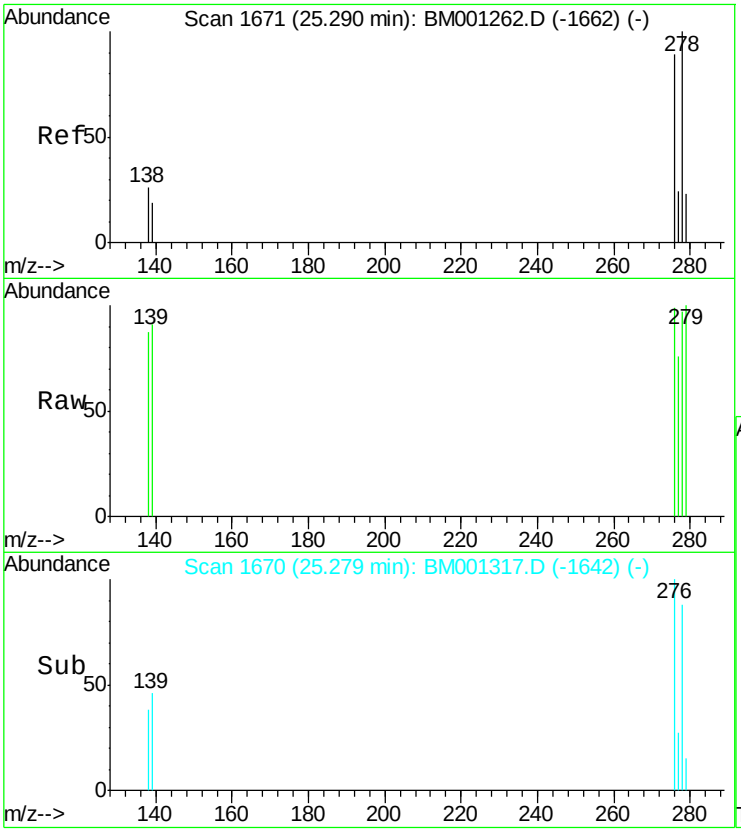


#33
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.08 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:252 Resp: 92

Ion	Ratio	Lower	Upper
252	100		
253	122.2	18.3	27.5#
125	74.6	12.2	18.2#



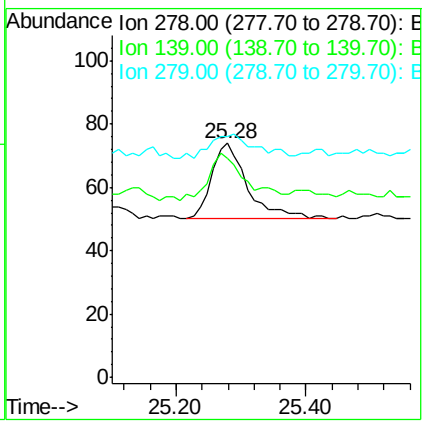


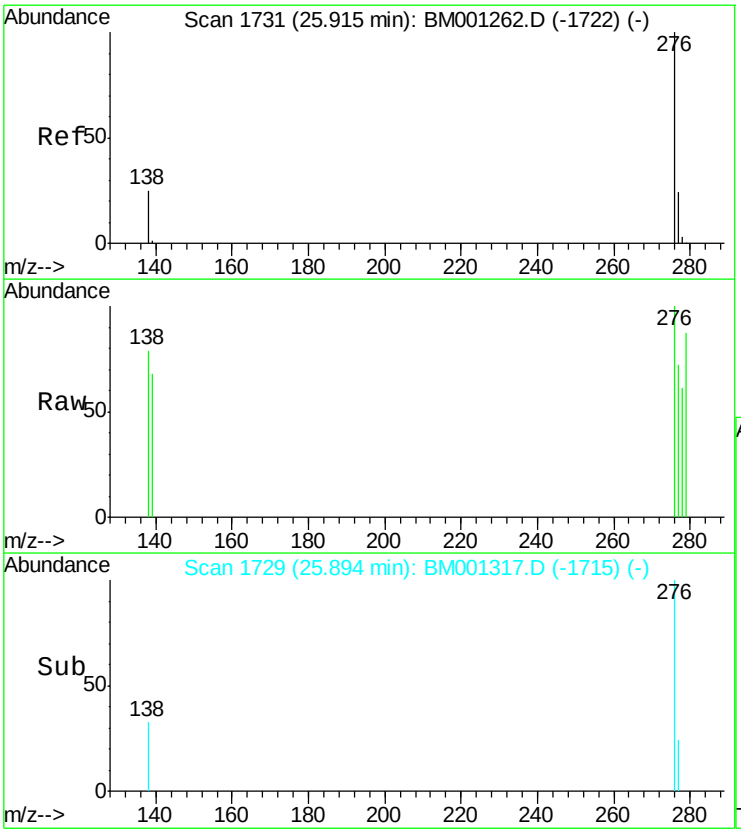
#34
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 25.28 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Instrument :
BNA_M
ClientSampleId :
051215-P3-EU-M

Tgt Ion:278 Resp: 93

Ion	Ratio	Lower	Upper
278	100		
139	93.2	16.6	24.8#
279	102.7	20.0	30.0#





#35
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 25.89 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BM001317.D
Acq: 15 May 2015 06:17

Tgt Ion:276 Resp: 129

Ion	Ratio	Lower	Upper
276	100		
277	72.0	19.9	29.9#
138	79.3	21.0	31.4#