Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001585.D
Acq On : 06 Jun 2015 09:17
Operator : TP/IZ
Sample : PB83802BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB83802BSD

Quant Time: Jun 08 05:37:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 05:27:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	21318	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	76935	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	34575	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	35363	5.00	ng		-0.03
25) Chrysene-d12	21.28	240	54366	5.00	ng		0.00
32) Perylene-d12	23.52	264	48739	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	60661	12.88	ng		0.00
5) Phenol-d6	6.84	99	78365	13.54	ng		0.00
7) Nitrobenzene-d5	8.85	82	48200	9.20	ng		0.00
13) 2,4,6-Tribromophenol	15.84	330	19791	11.96	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	94482	8.87	ng		0.00
27) Terphenyl-d14	19.73	244	58702	8.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	16542	8.95	ng		97
3) n-Nitrosodimethylamine	3.51	42	27895	8.57	ng	#	99
8) Nitrobenzene	8.89	77	51786	9.22	ng		99
9) Naphthalene	10.52	128	131724	7.93	ng		99
10) Hexachlorobutadiene	10.82	225	23468	8.10	ng		100
11) 2-Methylnaphthalene	12.14	142	85400	8.22	ng		100
15) Acenaphthylene	14.05	152	130544	8.75	ng		100
16) Acenaphthene	14.40	154	74838	7.96	ng		99
17) Fluorene	15.36	166	85726	14.17	ng	#	94
19) 4-Bromophenyl-phenylether	16.28	248	30892	10.95	ng	#	47
20) Hexachlorobenzene	16.38	284	33440	29.76	ng	#	43
21) Pentachlorophenol	16.72	266	160195	296.76	ng	#	68
23) Anthracene	17.20	178	209019	40.23	ng	#	43
24) Fluoranthene	19.15	202	143532	14.96	ng		99
26) Pyrene	19.51	202	153848	8.80	ng		100
28) Benzo(a)anthracene	21.31	228	131083	8.56	ng		97
29) Chrysene	21.31	228	131560	9.00	ng		94
30) Bis(2-ethylhexyl)phthalate	21.19	149	92923	9.02	ng		99
31) Indeno(1,2,3-cd)pyrene	25.77	276	131123	8.35	ng		99
33) Benzo(b)fluoranthene	22.84	252	128465	8.82	ng		98
34) Benzo(k)fluoranthene	22.88	252	116205	8.76	ng		97
35) Benzo(a)pyrene	23.41	252	117001	9.20	ng		97
36) Dibenzo(a,h)anthracene	25.79	278	105043	8.42	ng		97
37) Benzo(g,h,i)perylene	26.47	276	109247	8.33	ng		99

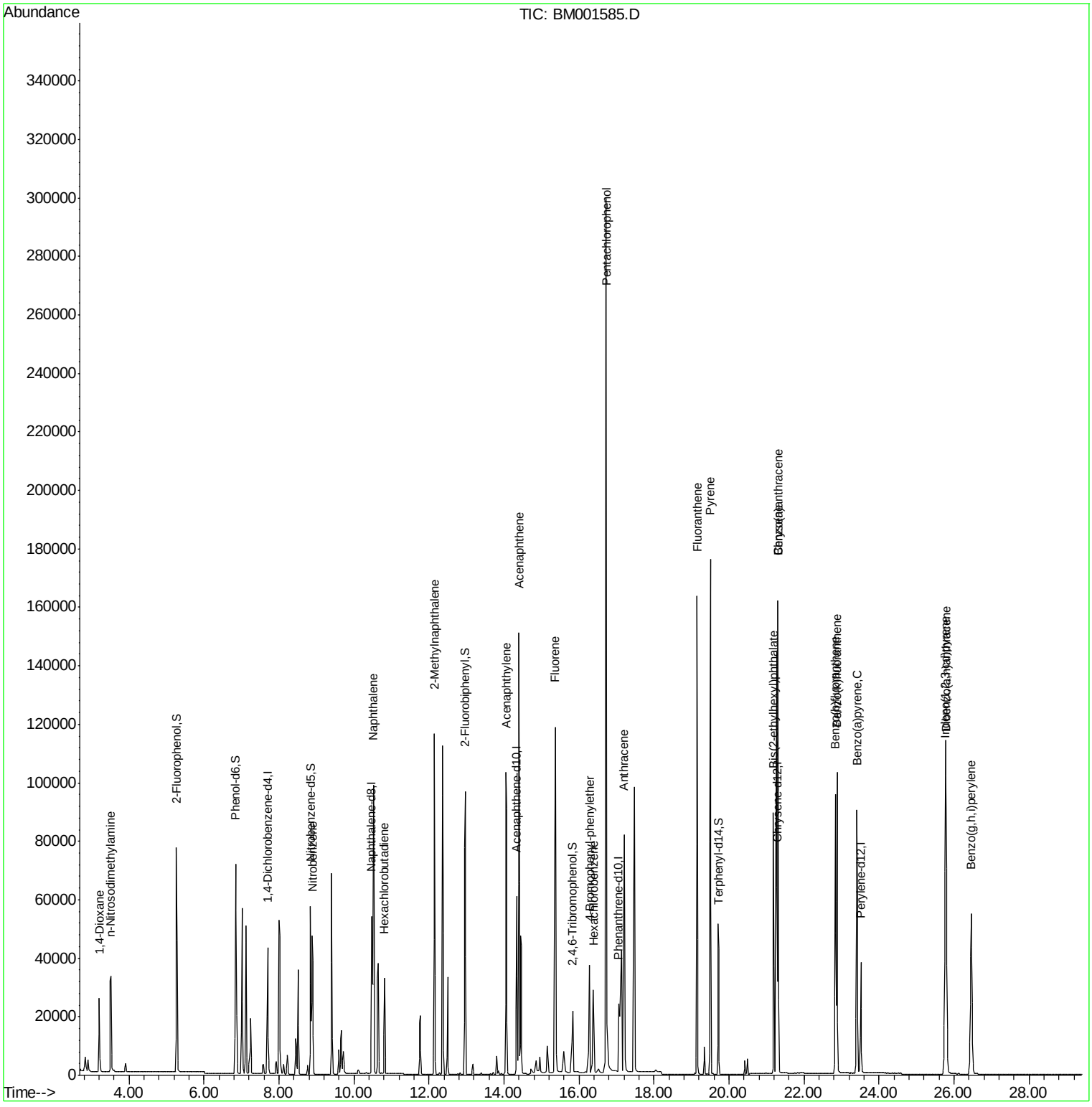
(#) = qualifier out of range (m) = manual integration (+) = signals summed

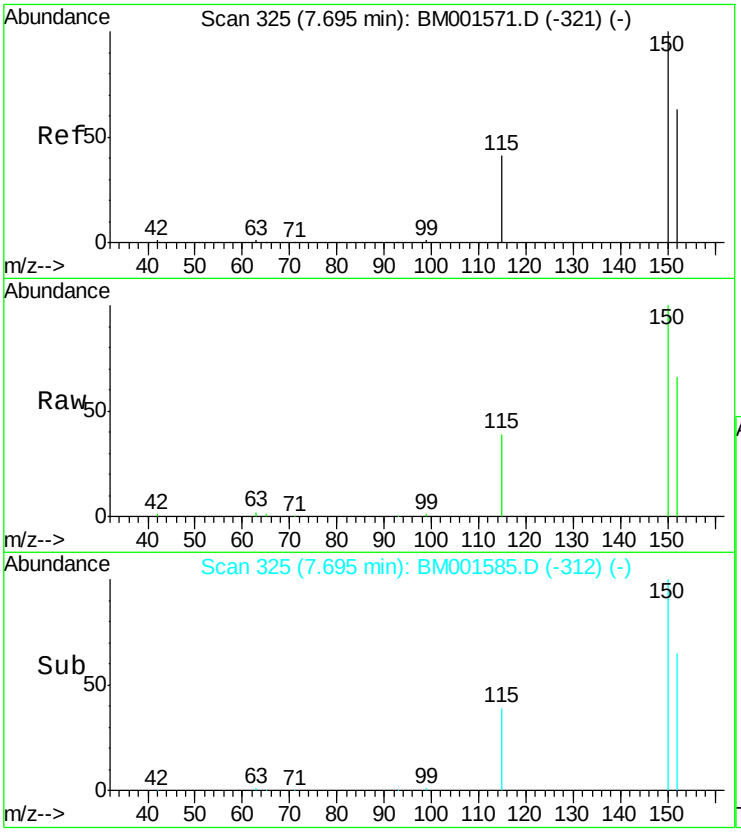
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001585.D
Acq On : 06 Jun 2015 09:17
Operator : TP/IZ
Sample : PB83802BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Quant Time: Jun 08 05:37:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 05:27:25 2015
Response via : Initial Calibration



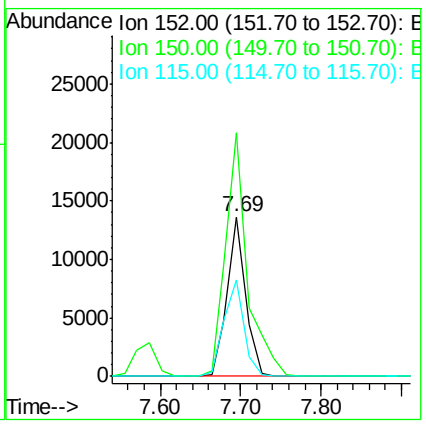


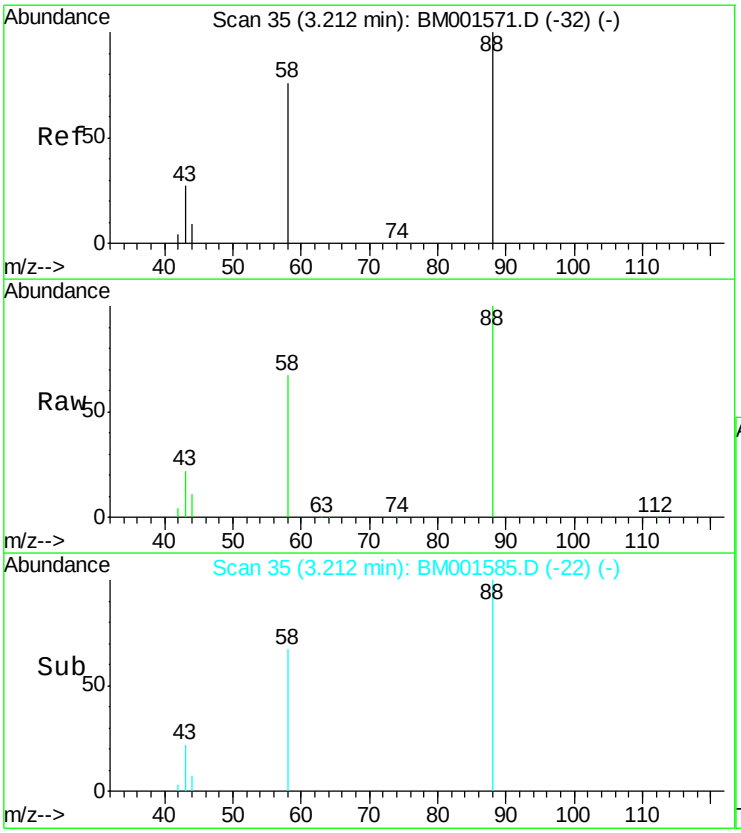
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:152 Resp: 21318

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	190.0
115	60.2	51.6	77.4

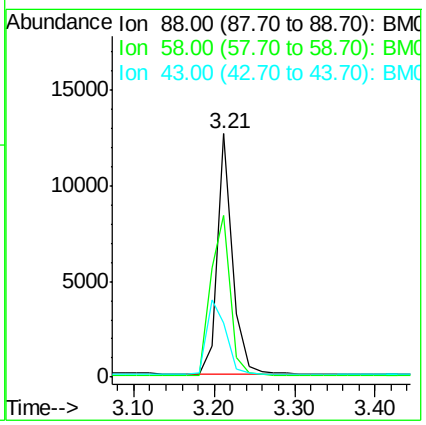


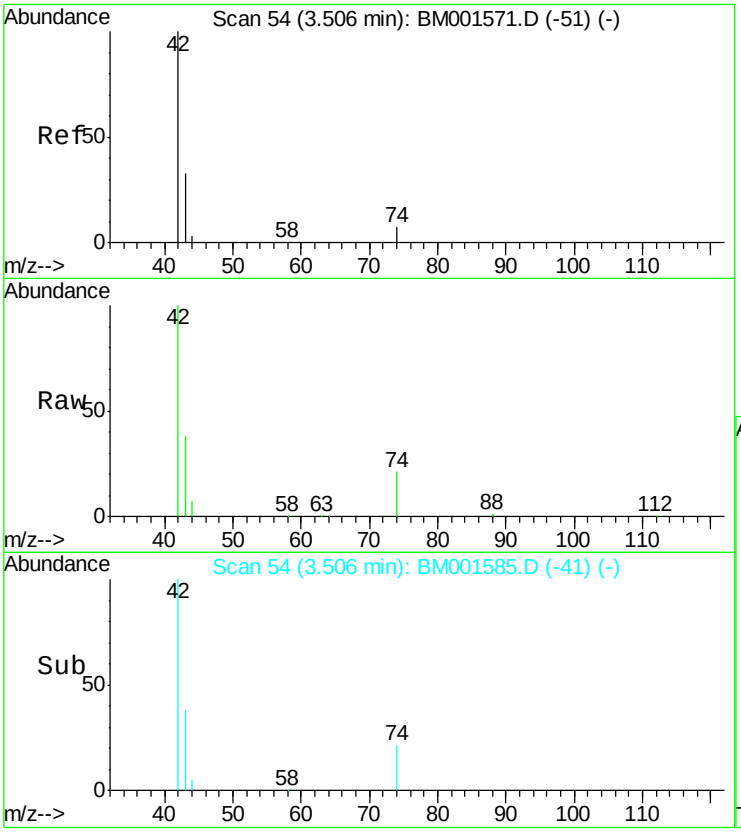


#2
1,4-Dioxane
Concen: 8.95 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion: 88 Resp: 16542

Ion	Ratio	Lower	Upper
88	100		
58	86.3	66.1	99.1
43	39.7	32.3	48.5



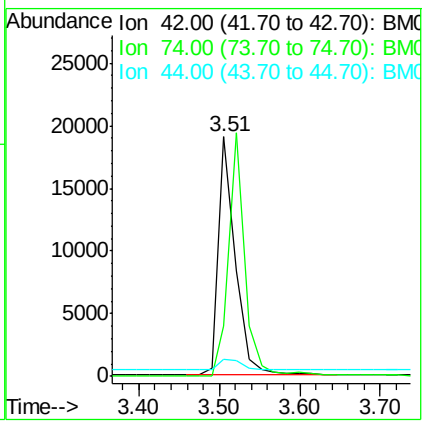


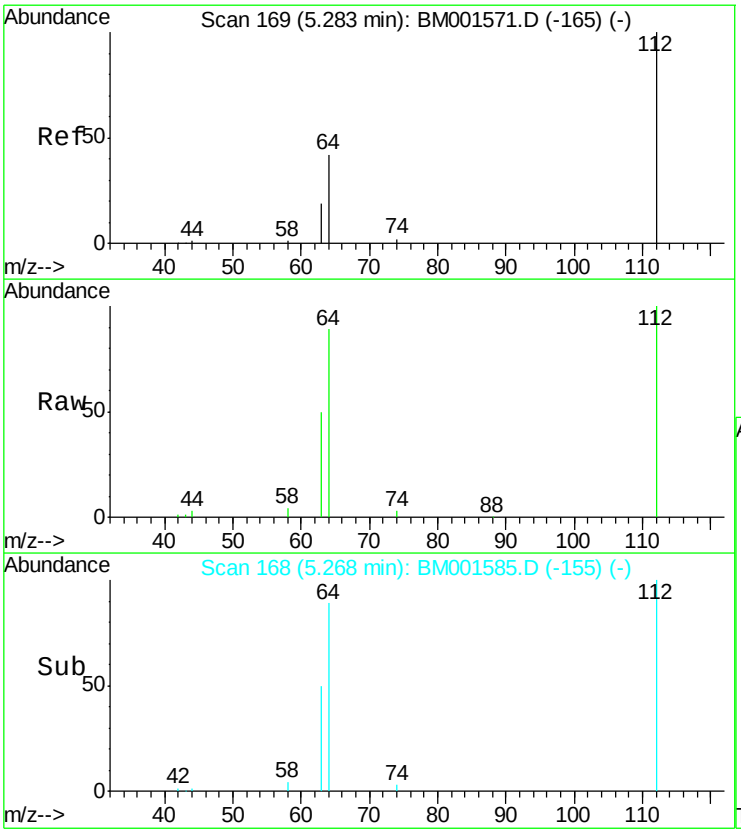
#3
n-Nitrosodimethylamine
Concen: 8.57 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion: 42 Resp: 27895

Ion	Ratio	Lower	Upper
42	100		
74	96.7	77.2	115.8
44	6.0	7.4	11.2#

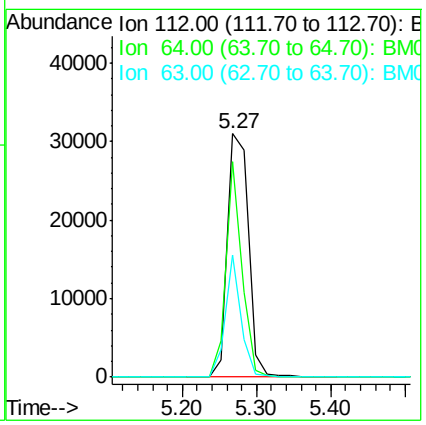


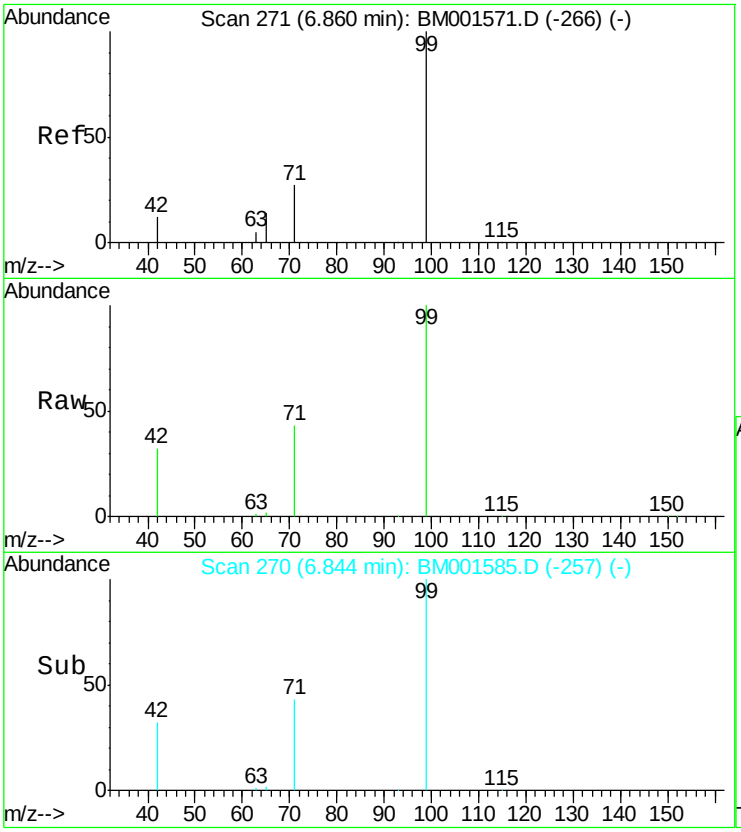


#4
2-Fluorophenol
Concen: 12.88 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:112 Resp: 60661

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.3	79.9
63	37.1	29.7	44.5



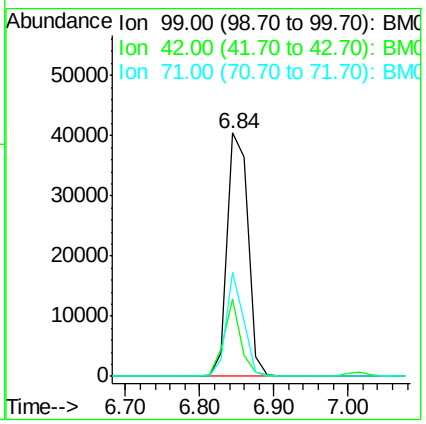


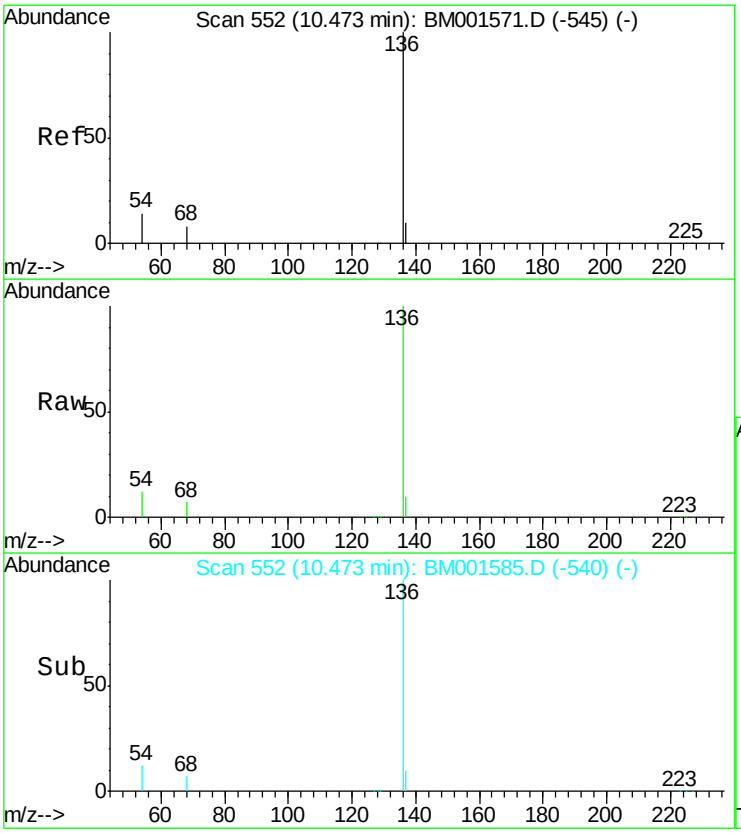
#5
Phenol-d6
Concen: 13.54 ng
RT: 6.84 min Scan# 270
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion: 99 Resp: 78365

Ion	Ratio	Lower	Upper
99	100		
42	25.7	21.4	32.2
71	35.6	29.0	43.4

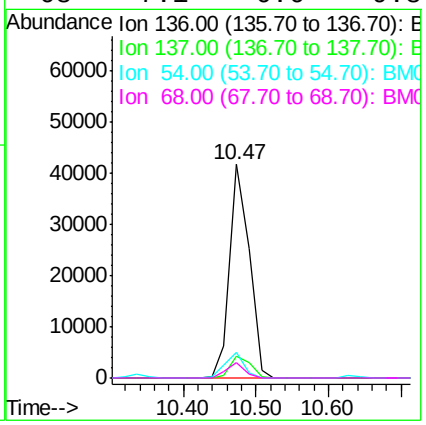


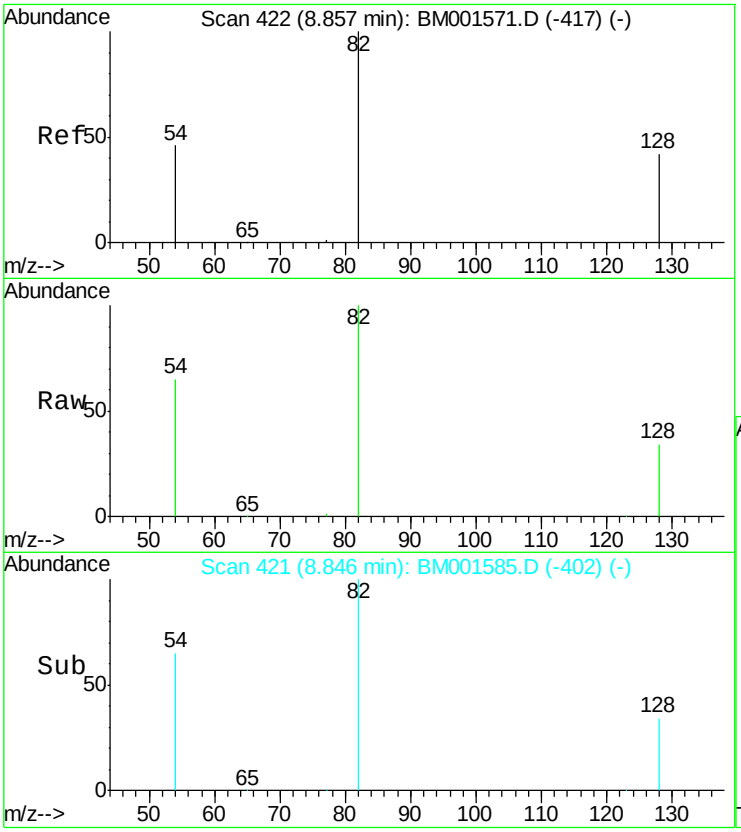


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:136 Resp: 76935

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.1	12.1
54	12.1	11.7	17.5
68	7.1	6.6	9.8



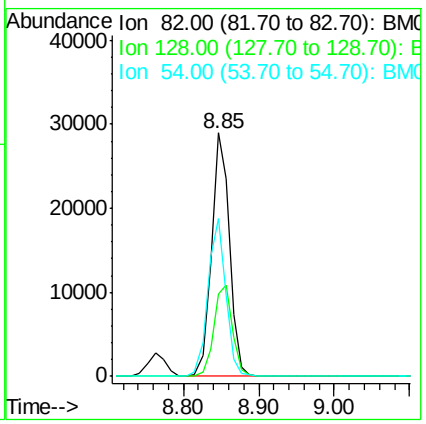


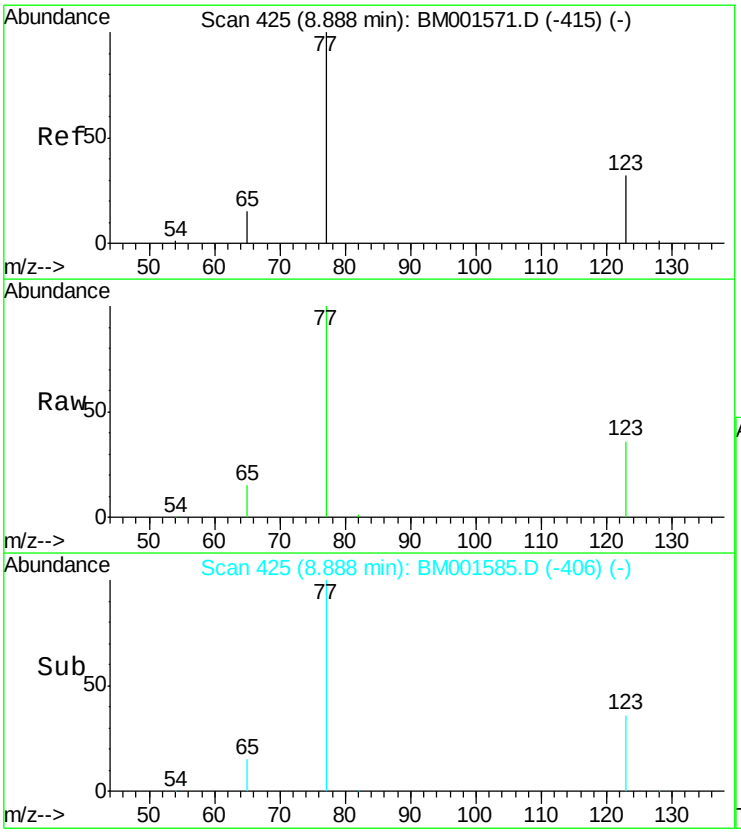
#7
Nitrobenzene-d5
Concen: 9.20 ng
RT: 8.85 min Scan# 421
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion: 82 Resp: 48200

Ion	Ratio	Lower	Upper
82	100		
128	33.7	34.1	51.1#
54	64.7	37.8	56.6#

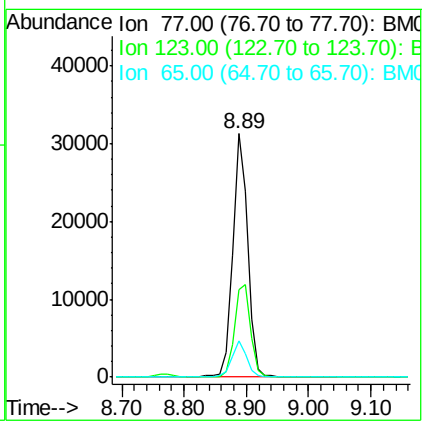


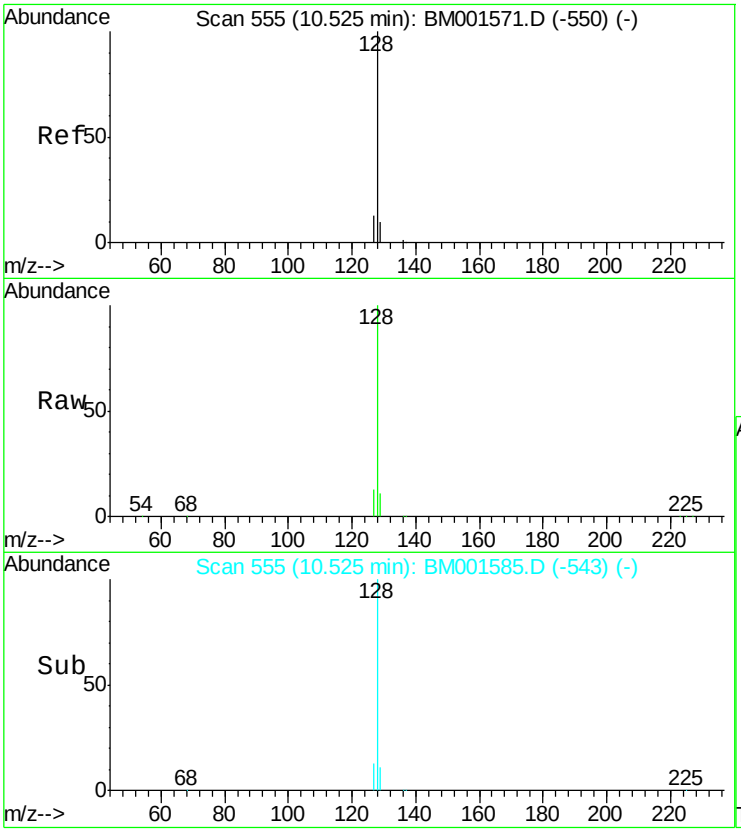


#8
Nitrobenzene
Concen: 9.22 ng
RT: 8.89 min Scan# 425
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion: 77 Resp: 51786

Ion	Ratio	Lower	Upper
77	100		
123	40.7	31.7	47.5
65	14.5	11.4	17.0



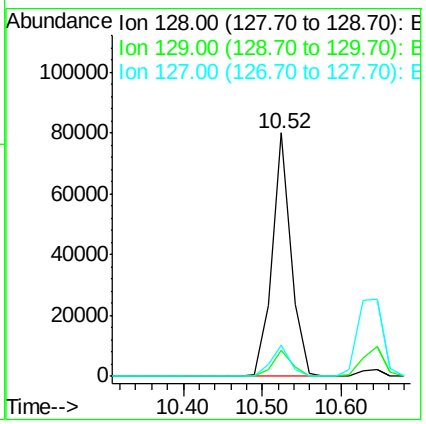


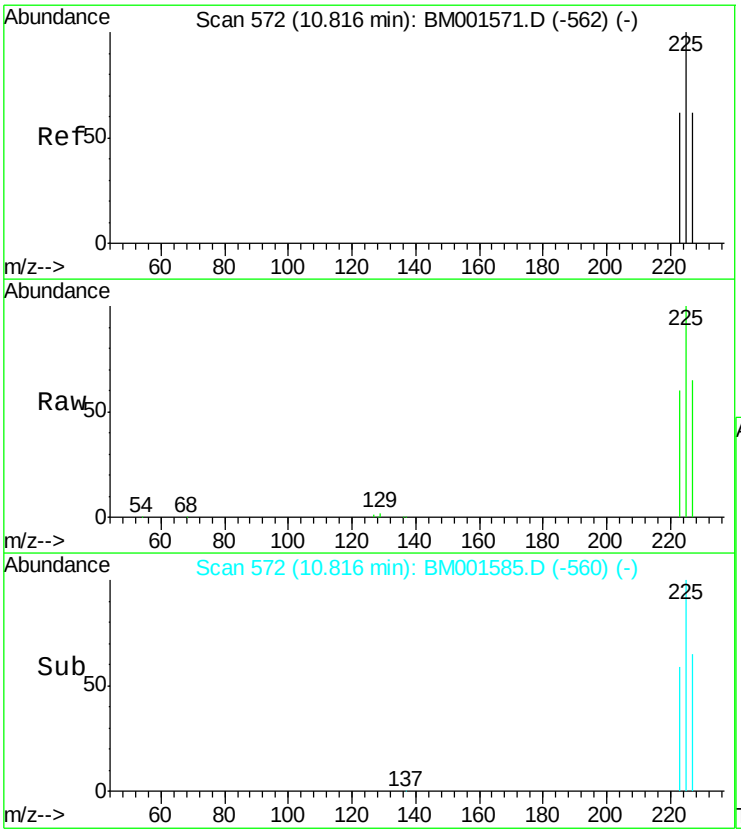
#9
Naphthalene
Concen: 7.93 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:128 Resp: 131724

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.7	10.7	16.1

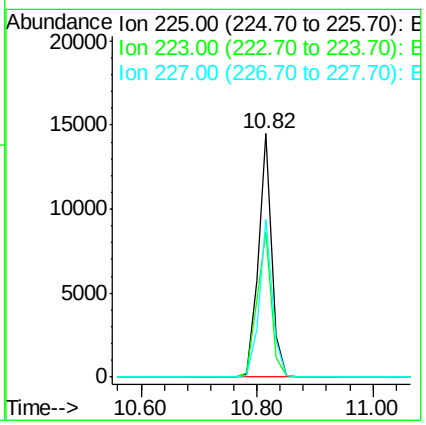


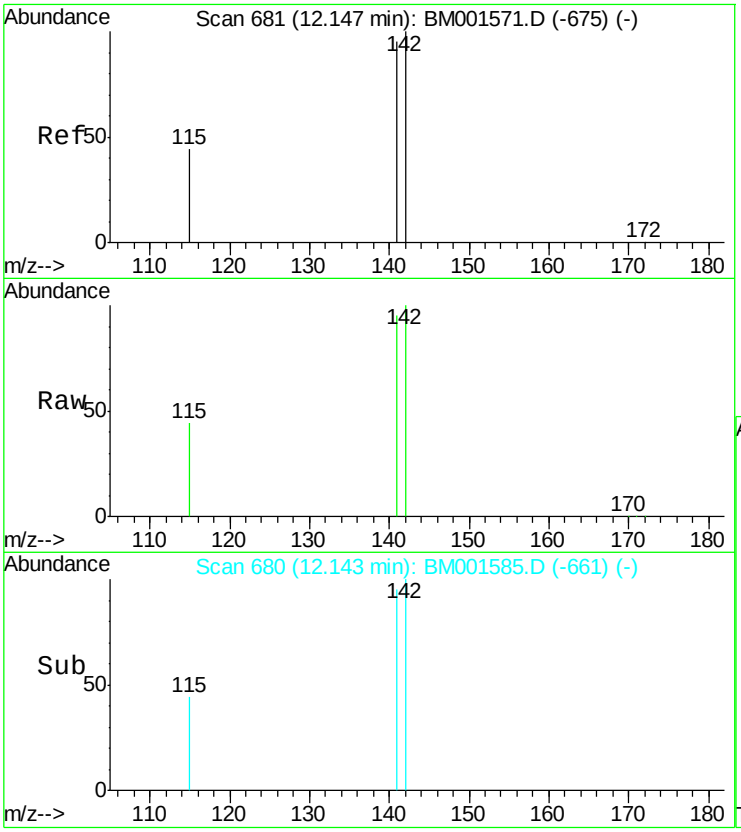


#10
Hexachlorobutadiene
Concen: 8.10 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:225 Resp: 23468

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	63.1	50.8	76.2



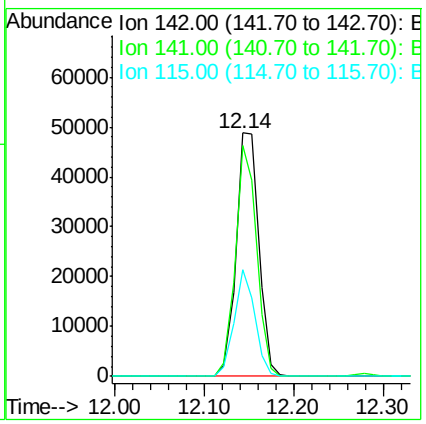


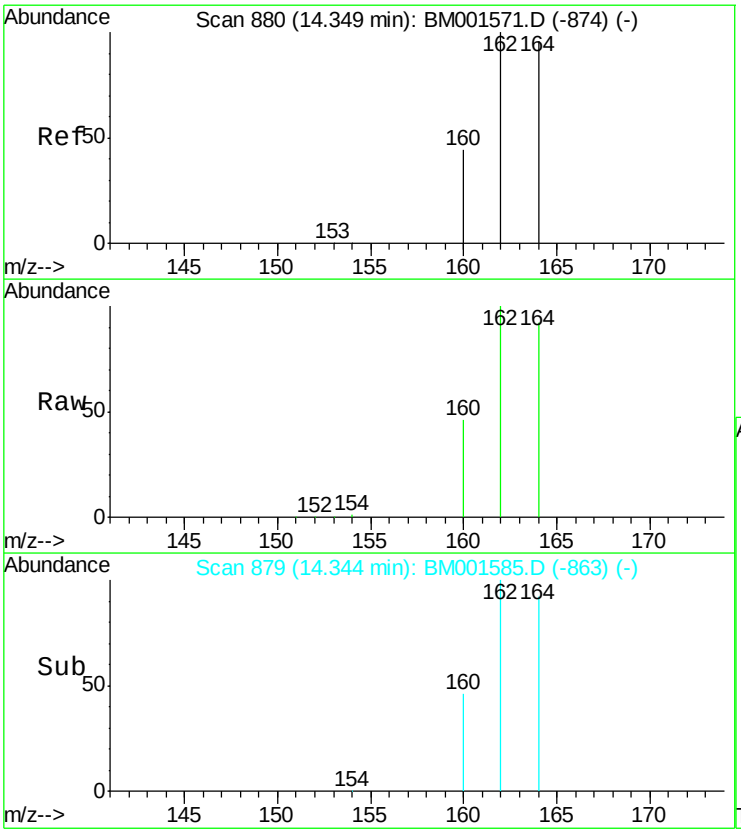
#11
2-Methylnaphthalene
Concen: 8.22 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:142 Resp: 85400

Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.6	113.4
115	44.1	35.5	53.3

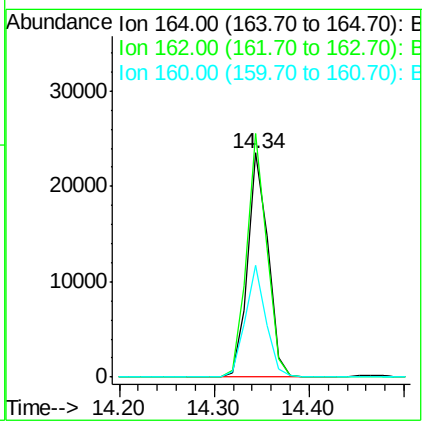


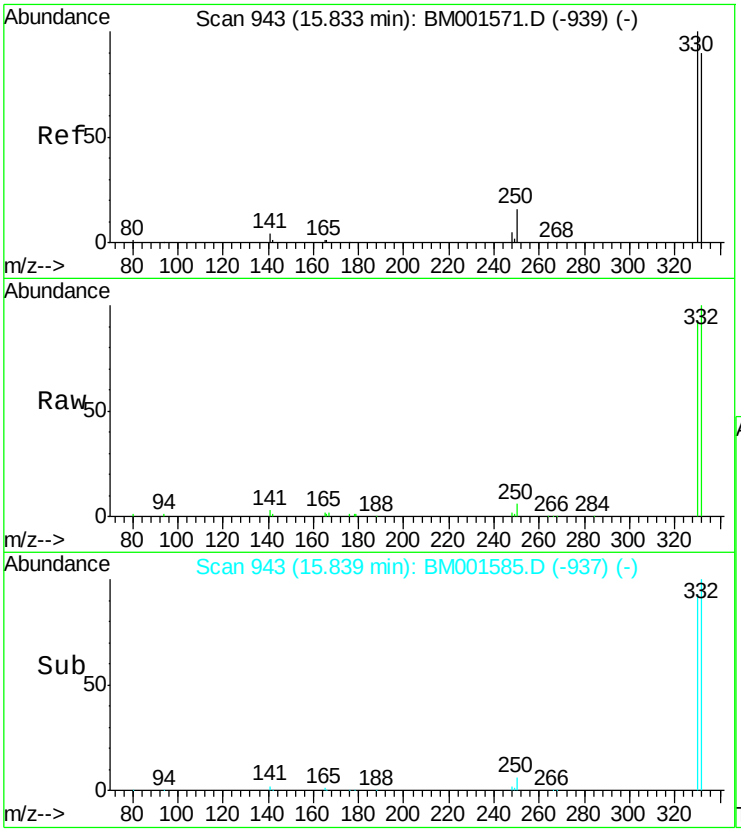


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. -0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:164 Resp: 34575

Ion	Ratio	Lower	Upper
164	100		
162	108.6	83.8	125.6
160	49.9	37.1	55.7



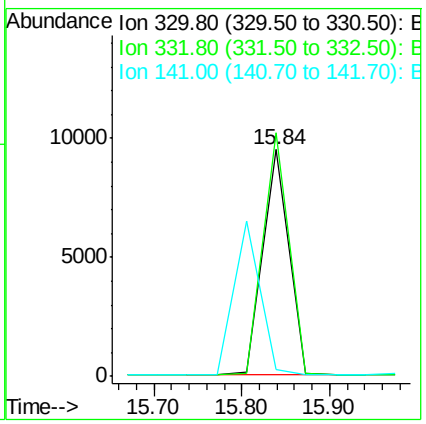


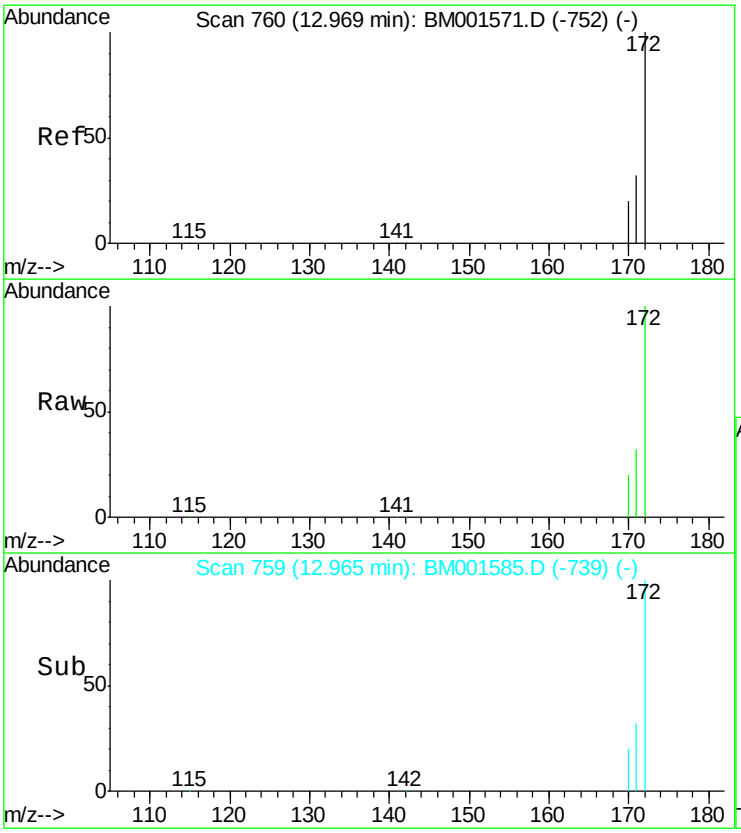
#13
2,4,6-Tribromophenol
Concen: 11.96 ng
RT: 15.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:330 Resp: 19791

Ion	Ratio	Lower	Upper
330	100		
332	106.9	72.0	108.0
141	0.0	0.0	0.0

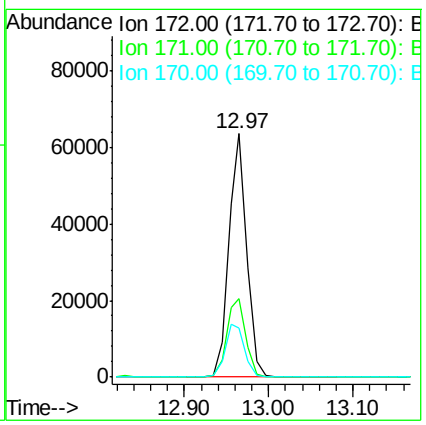


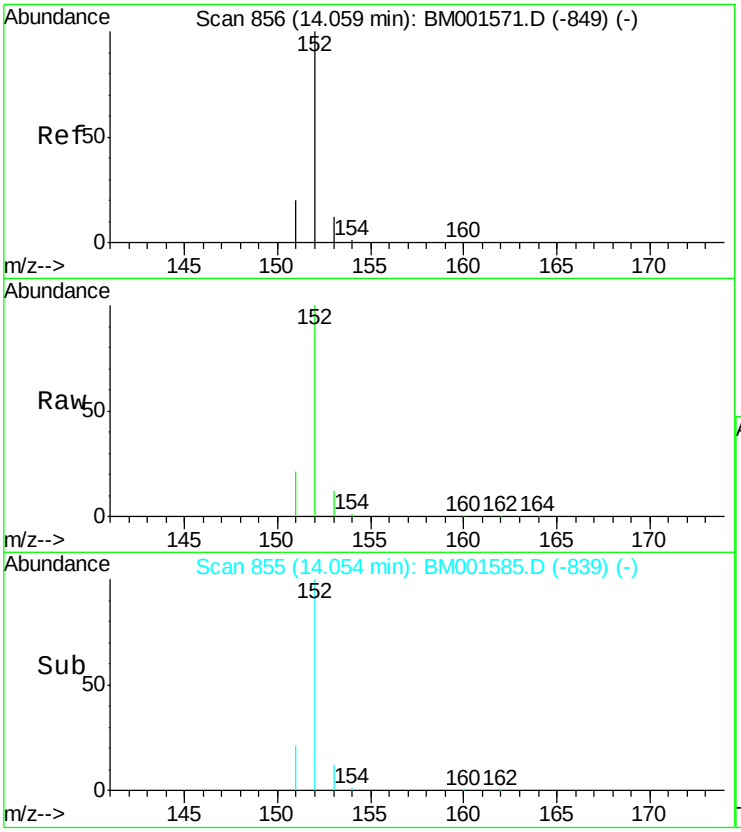


#14
2-Fluorobiphenyl
Concen: 8.87 ng
RT: 12.97 min Scan# 759
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:172 Resp: 94482

Ion	Ratio	Lower	Upper
172	100		
171	32.0	26.2	39.2
170	20.1	16.1	24.1



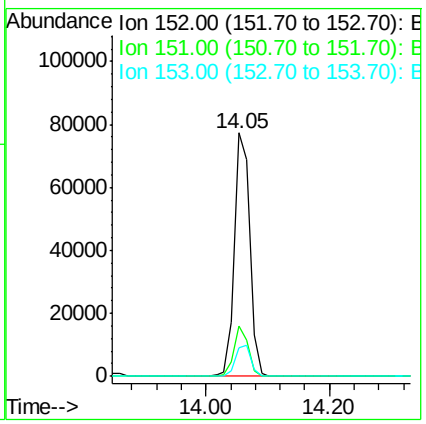


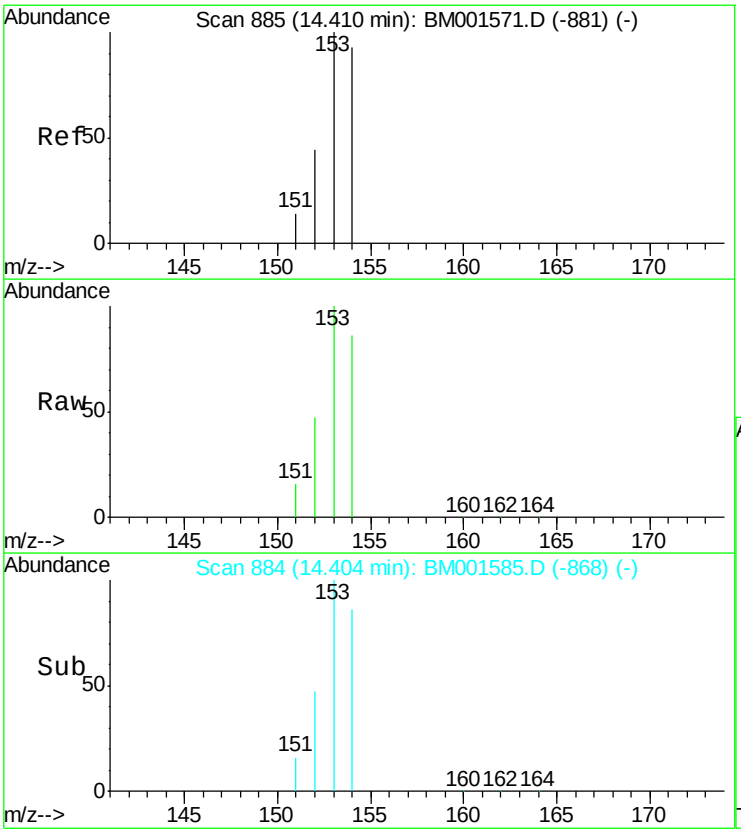
#15
Acenaphthylene
Concen: 8.75 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:152 Resp: 130544

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.2	22.8
153	12.9	10.3	15.5

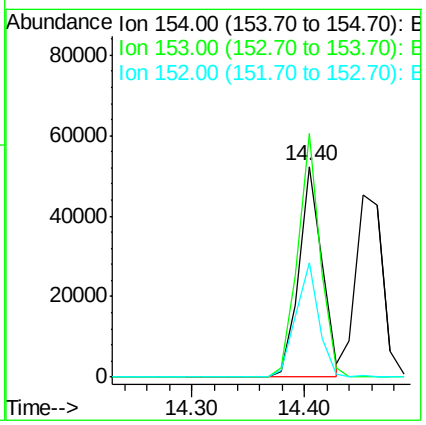


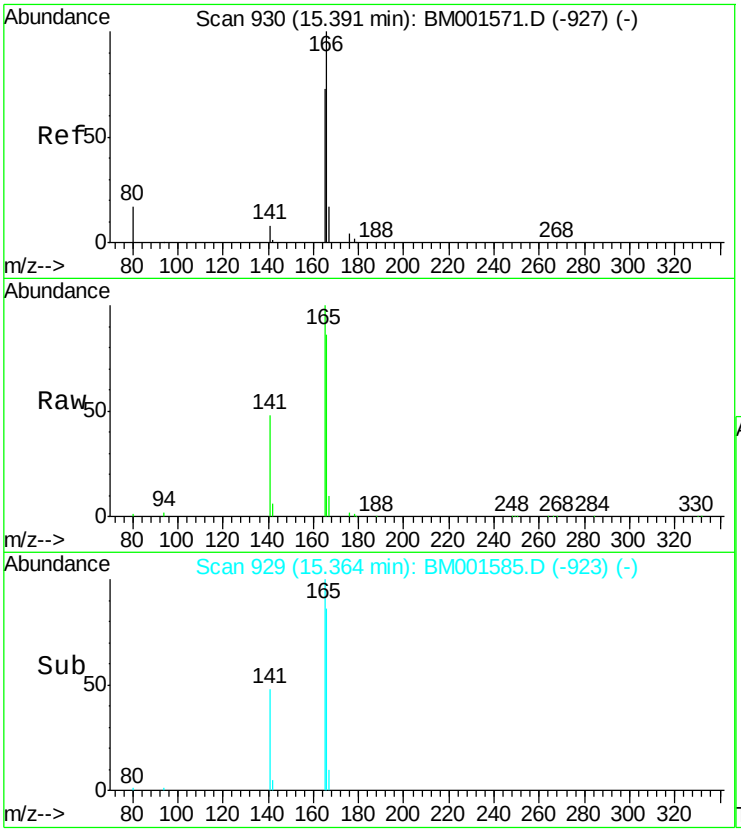


#16
Acenaphthene
Concen: 7.96 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:154 Resp: 74838

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.1	133.7
152	54.2	43.2	64.8



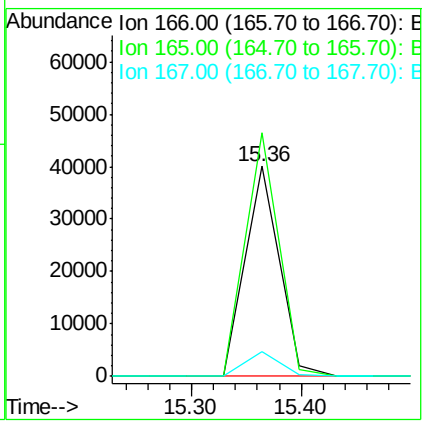


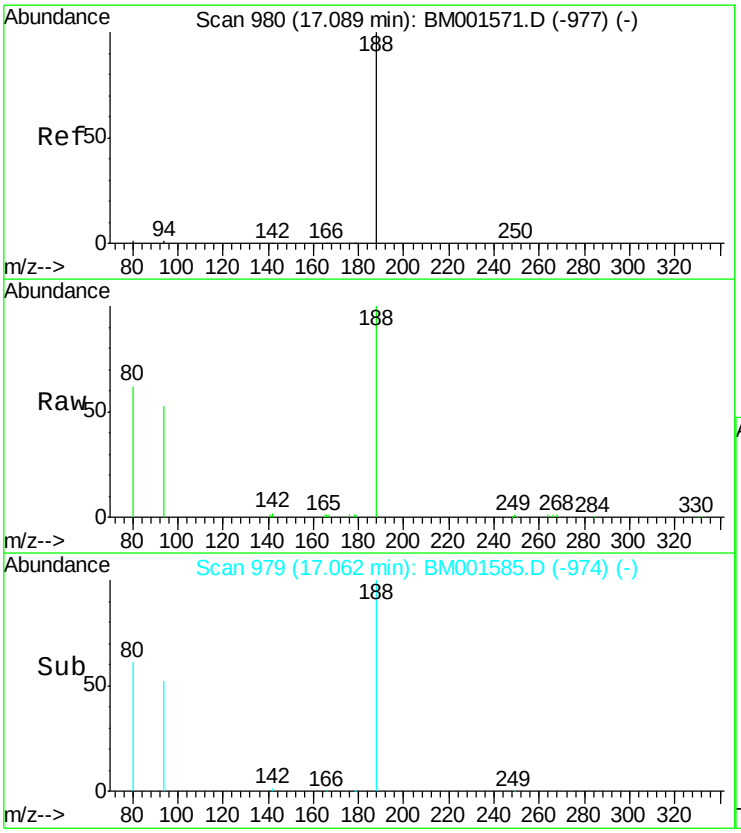
#17
Fluorene
Concen: 14.17 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:166 Resp: 85726

Ion	Ratio	Lower	Upper
166	100		
165	113.3	0.0	0.0#
167	11.8	11.3	16.9

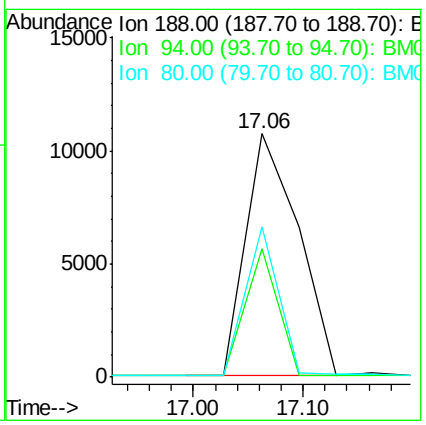


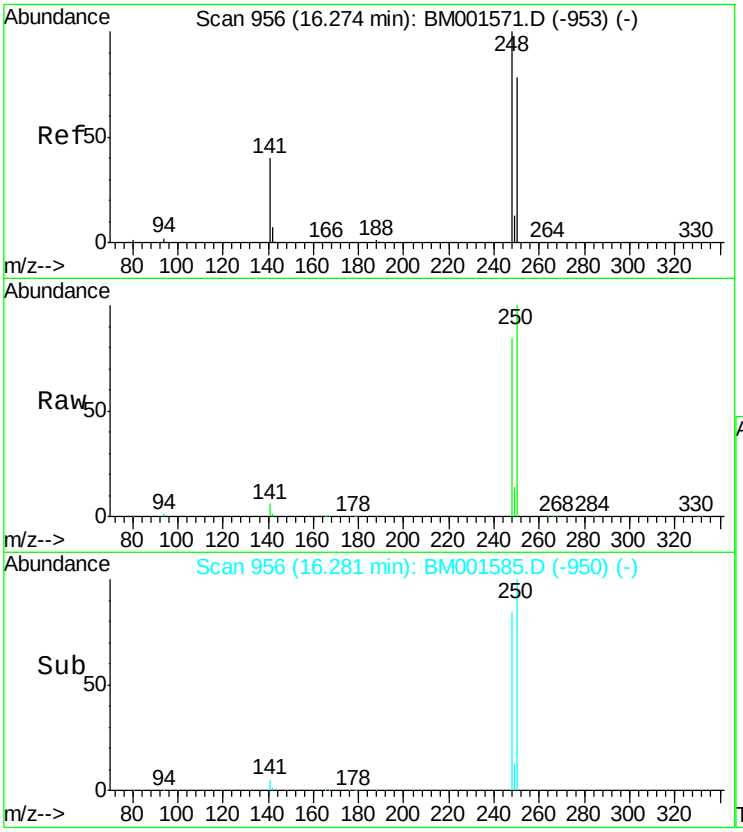


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.03 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:188 Resp: 35363

Ion	Ratio	Lower	Upper
188	100		
94	52.8	0.7	1.1#
80	61.7	0.6	1.0#



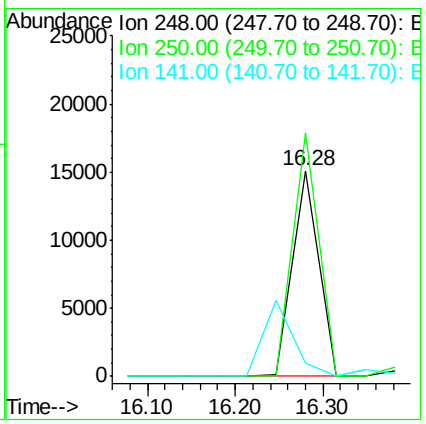


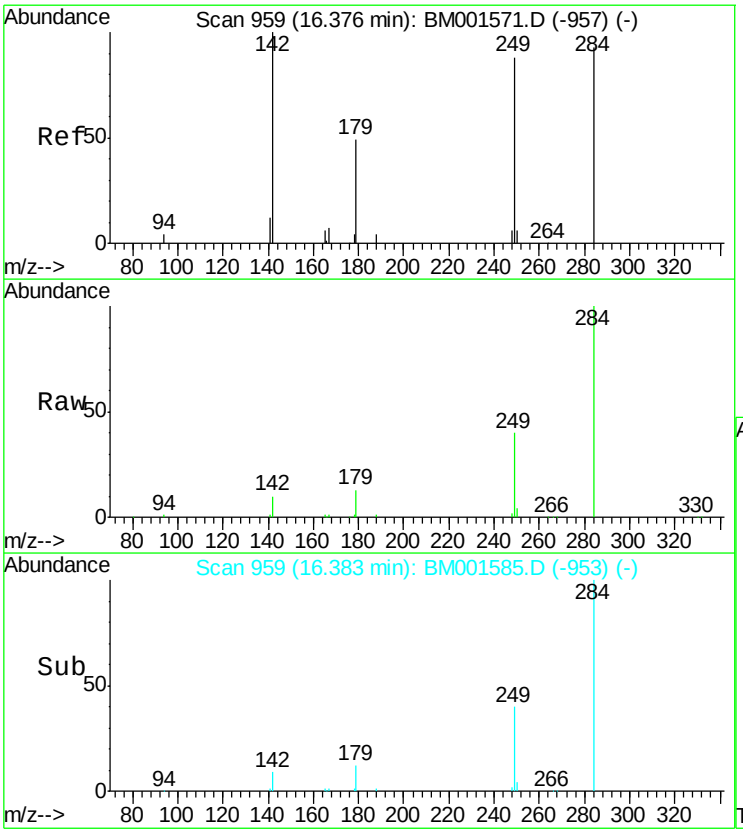
#19
4-Bromophenyl-phenylether
Concen: 10.95 ng
RT: 16.28 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:248 Resp: 30892

Ion	Ratio	Lower	Upper
248	100		
250	118.0	63.1	94.7#
141	0.0	35.0	52.6#

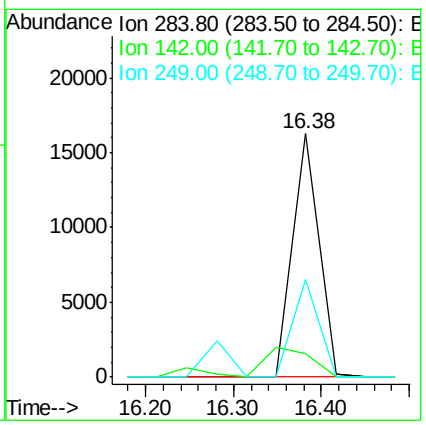


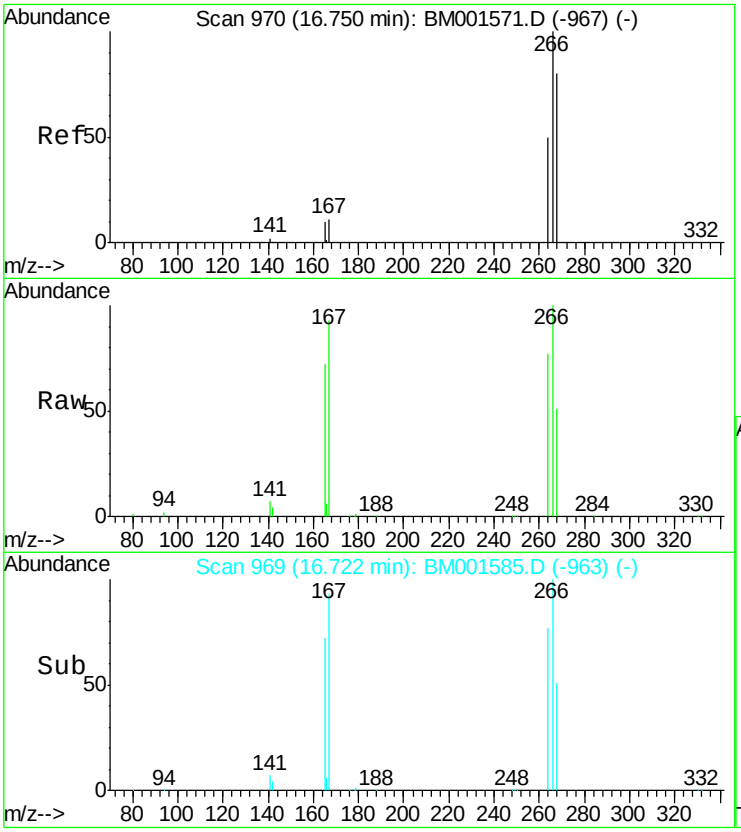


#20
Hexachlorobenzene
Concen: 29.76 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:284 Resp: 33440

Ion	Ratio	Lower	Upper
284	100		
142	0.0	64.2	96.2#
249	54.2	55.4	83.0#



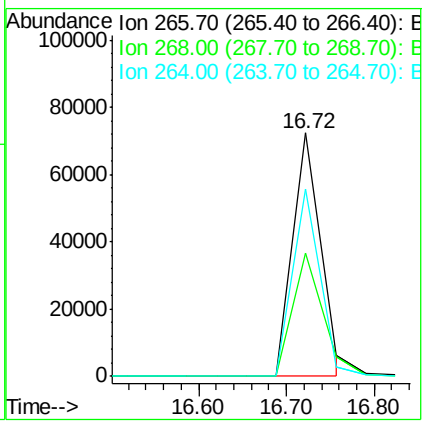


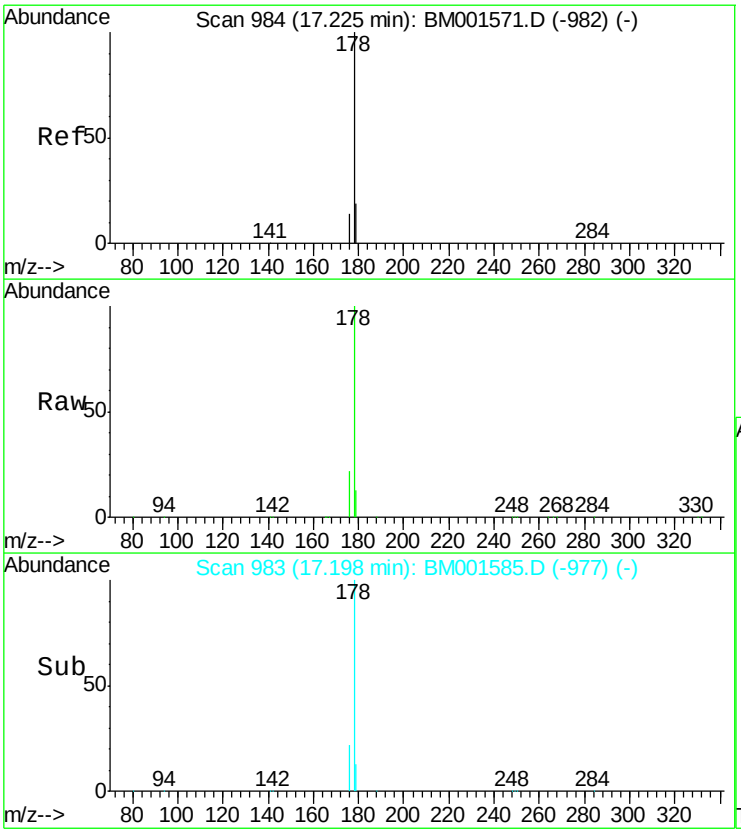
#21
Pentachlorophenol
Concen: 296.76 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:266 Resp: 160195

Ion	Ratio	Lower	Upper
266	100		
268	50.6	66.3	99.5#
264	76.9	45.5	68.3#

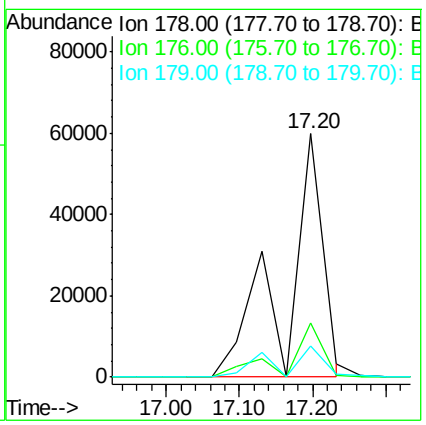


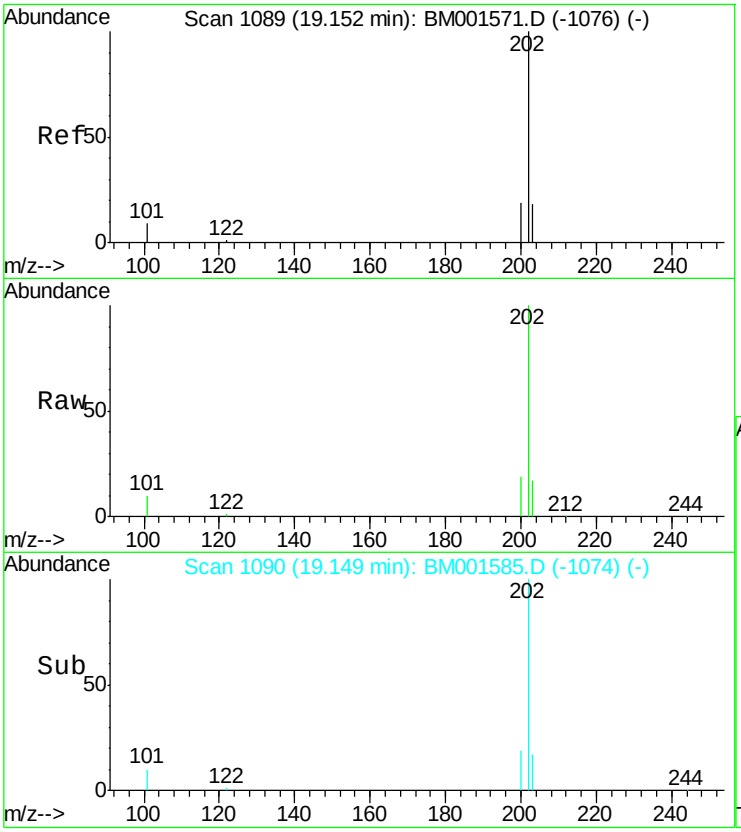


#23
Anthracene
Concen: 40.23 ng
RT: 17.20 min Scan# 983
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:178 Resp: 209019

Ion	Ratio	Lower	Upper
178	100		
176	20.0	45.9	68.9#
179	0.0	33.3	49.9#



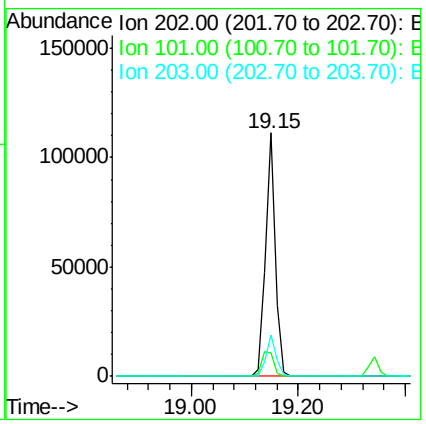


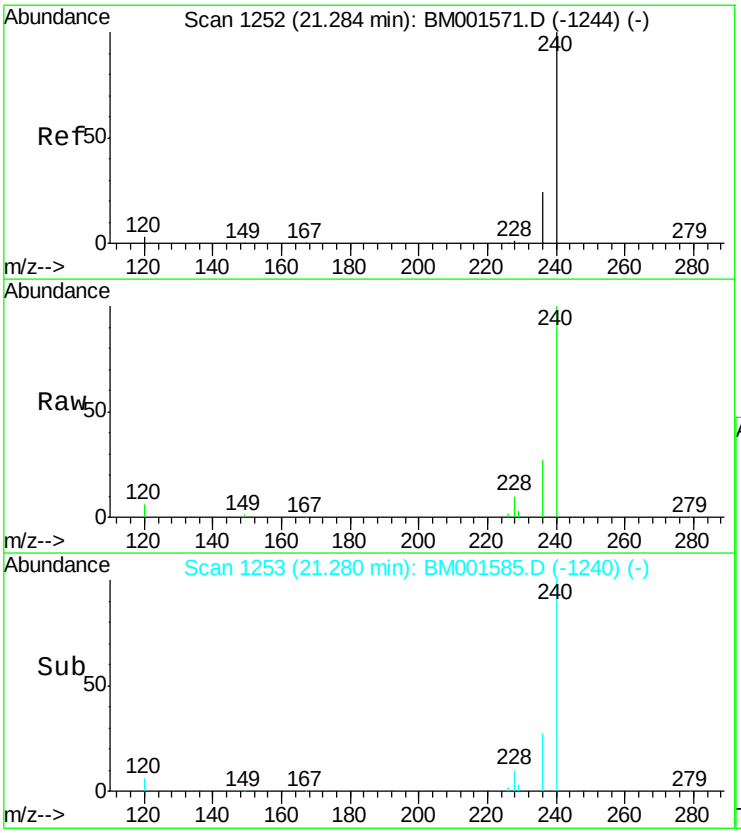
#24
Fluoranthene
Concen: 14.96 ng
RT: 19.15 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:202 Resp: 143532

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
203	17.2	13.9	20.9

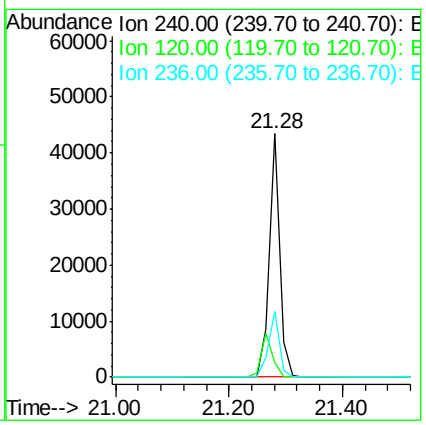


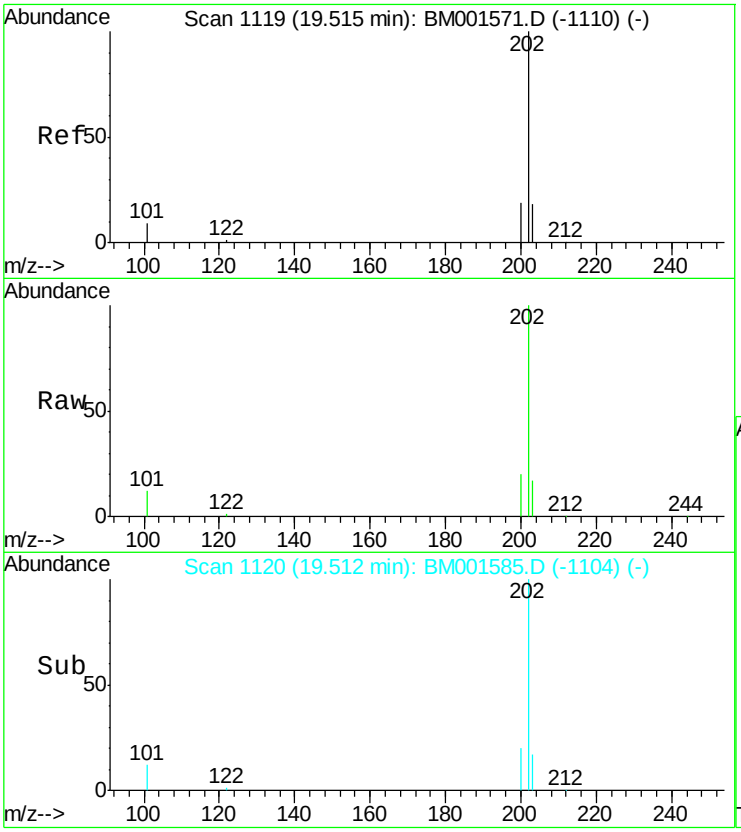


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:240 Resp: 54366

Ion	Ratio	Lower	Upper
240	100		
120	5.8	2.2	3.2#
236	27.1	19.5	29.3



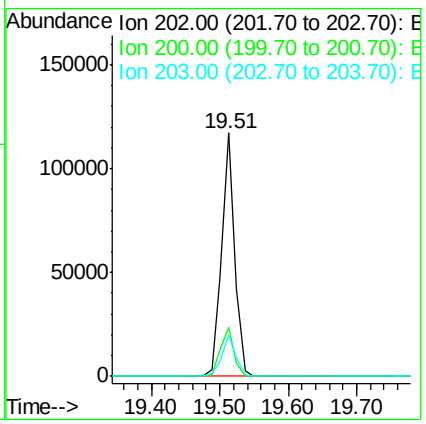


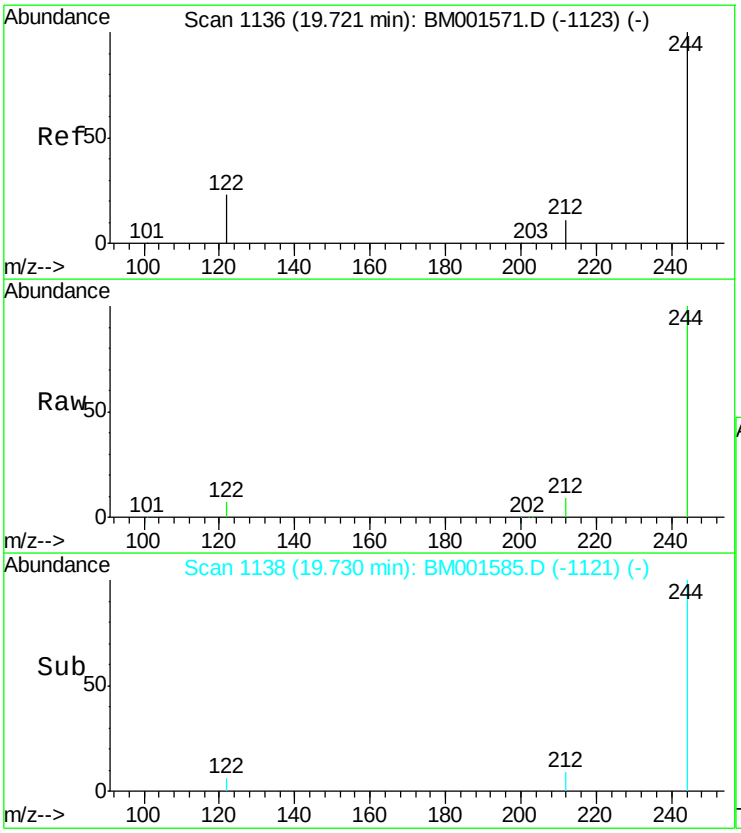
#26
Pyrene
Concen: 8.80 ng
RT: 19.51 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:202 Resp: 153848

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.9	13.9	20.9

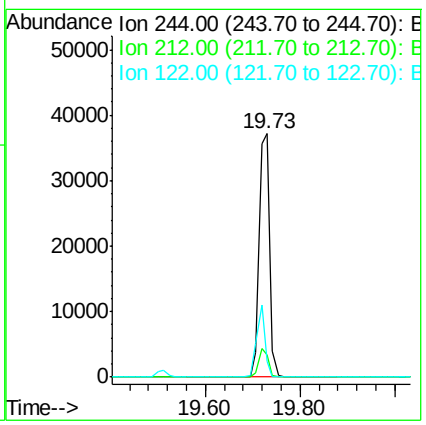


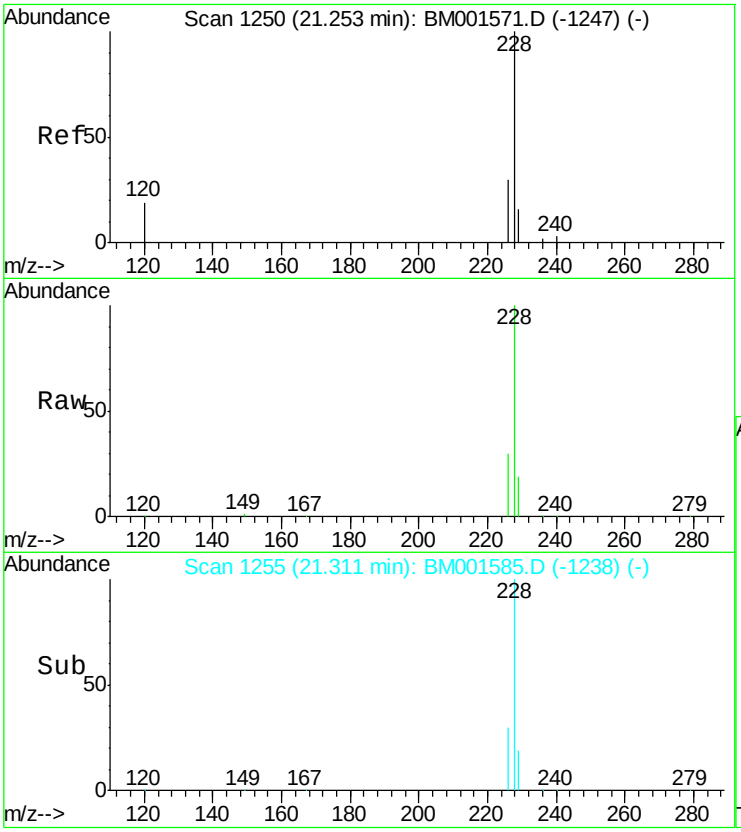


#27
Terphenyl-d14
Concen: 8.36 ng
RT: 19.73 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:244 Resp: 58702

Ion	Ratio	Lower	Upper
244	100		
212	9.1	9.6	14.4#
122	6.6	19.0	28.4#



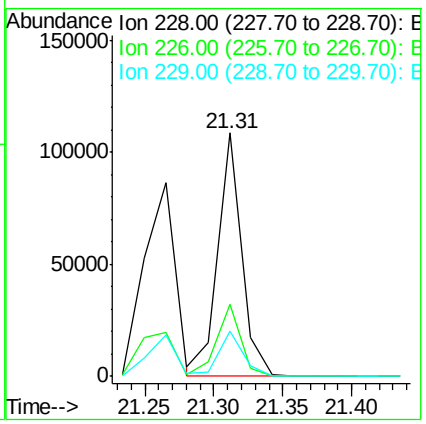


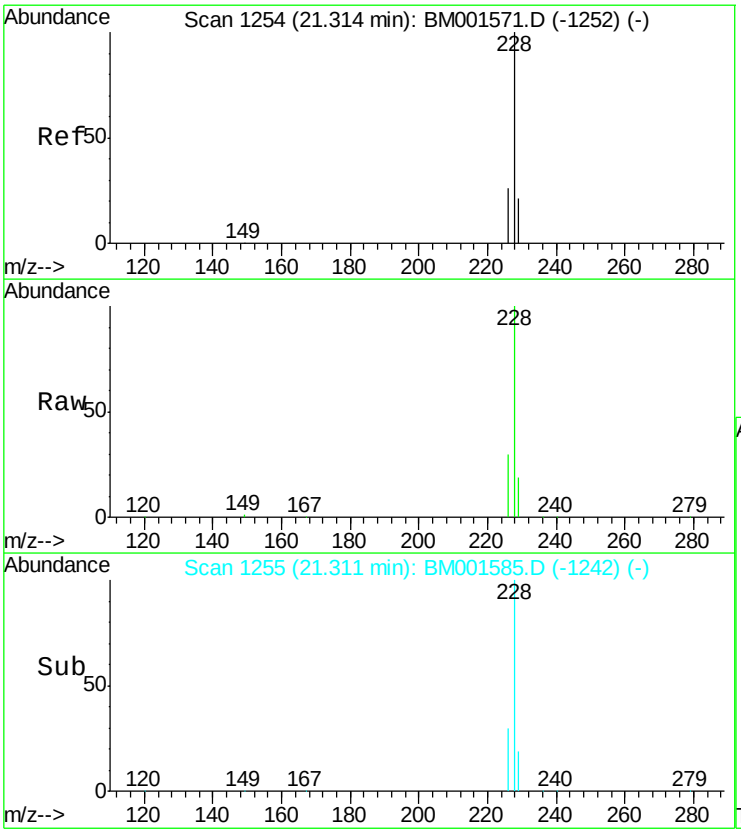
#28
Benzo(a)anthracene
Concen: 8.56 ng
RT: 21.31 min Scan# 1255
Delta R.T. 0.06 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:228 Resp: 131083

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	18.7	13.4	20.0

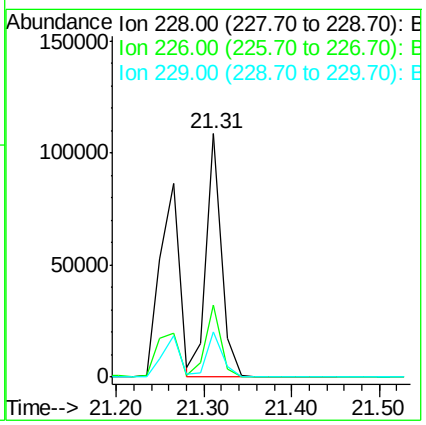


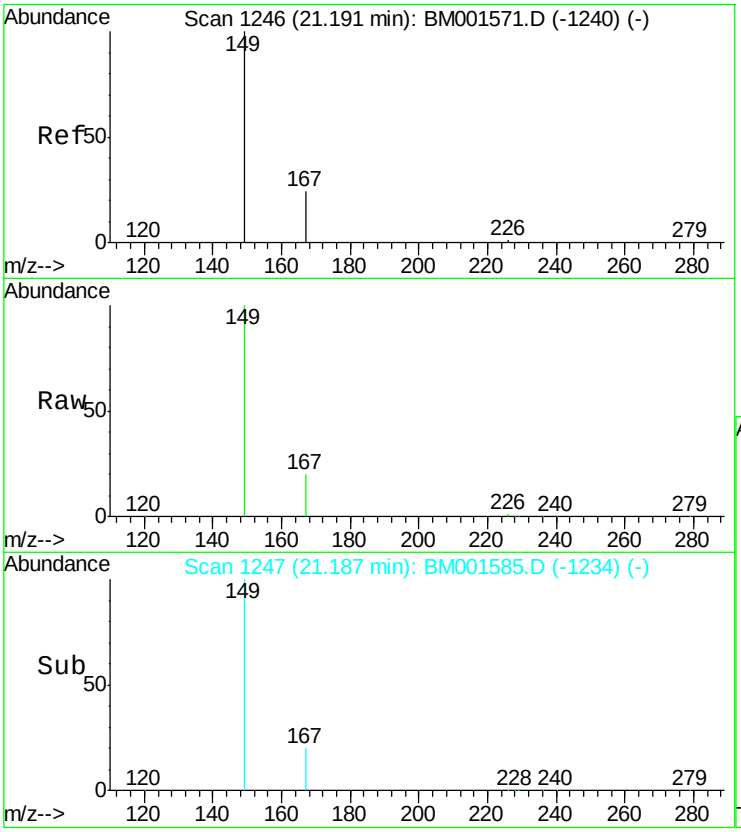


#29
Chrysene
Concen: 9.00 ng
RT: 21.31 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:228 Resp: 131560

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.0	31.6
229	18.7	17.2	25.8



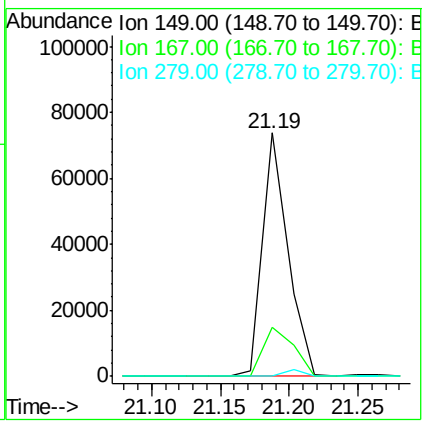


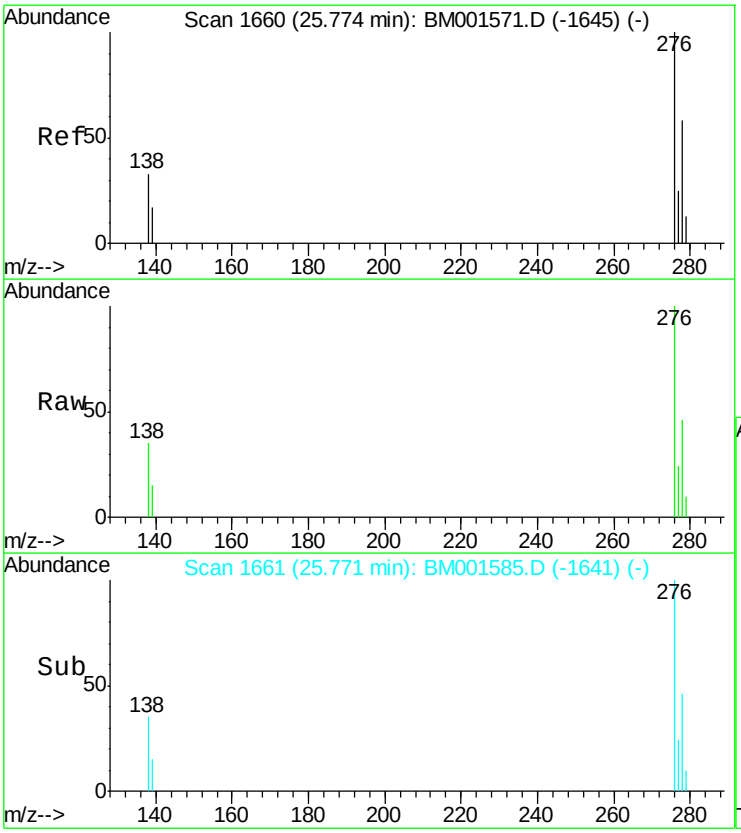
#30
Bis(2-ethylhexyl)phthalate
Concen: 9.02 ng
RT: 21.19 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:149 Resp: 92923

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.2	30.2
279	2.2	1.8	2.6

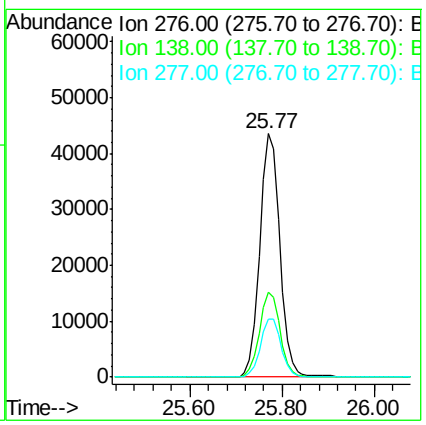


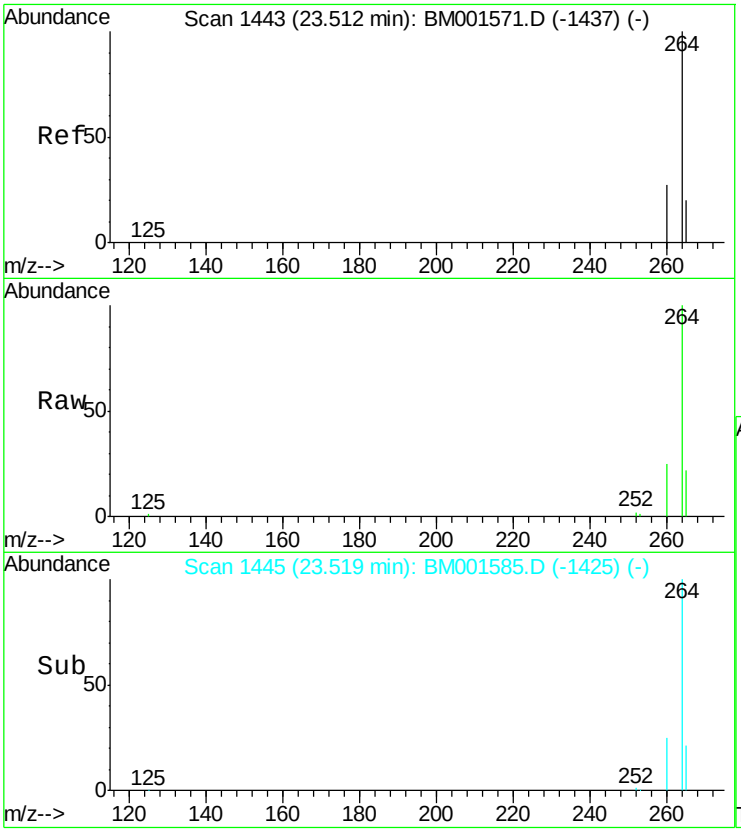


#31
Indeno(1,2,3-cd)pyrene
Concen: 8.35 ng
RT: 25.77 min Scan# 1661
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:276 Resp: 131123

Ion	Ratio	Lower	Upper
276	100		
138	35.8	28.0	42.0
277	24.5	19.7	29.5



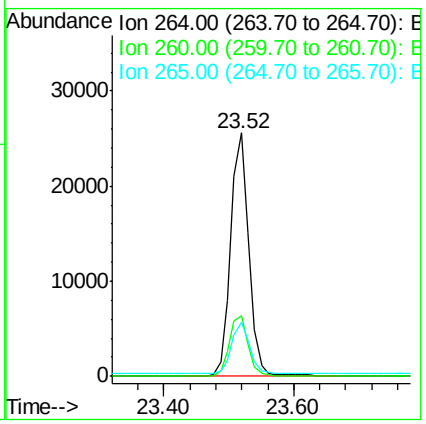


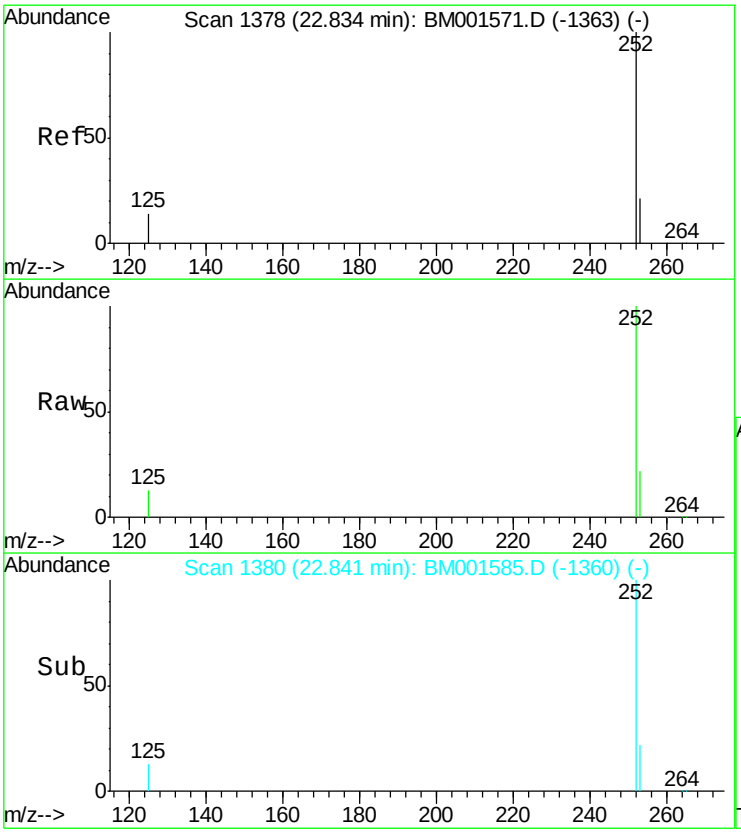
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:264 Resp: 48739

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.6	32.4
265	22.3	16.5	24.7

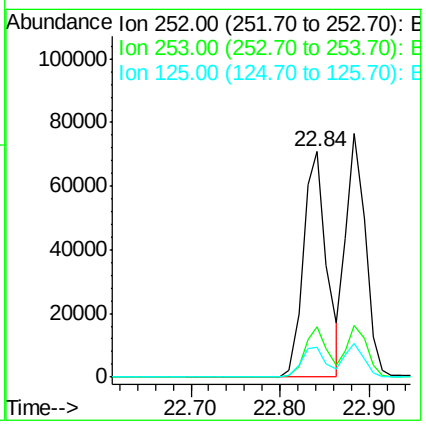


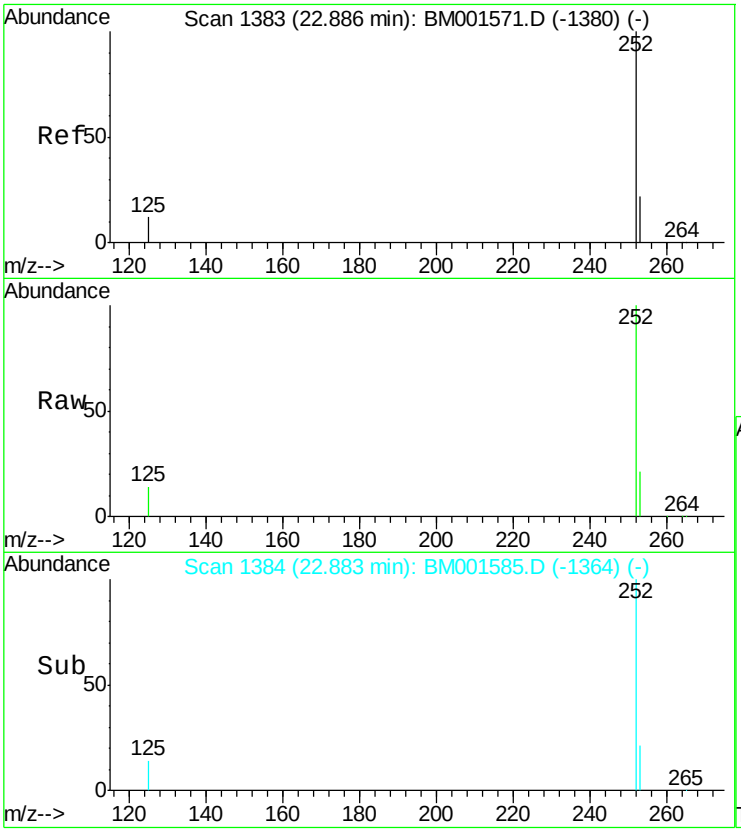


#33
Benzo(b)fluoranthene
Concen: 8.82 ng
RT: 22.84 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:252 Resp: 128465

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.1	11.8	17.8



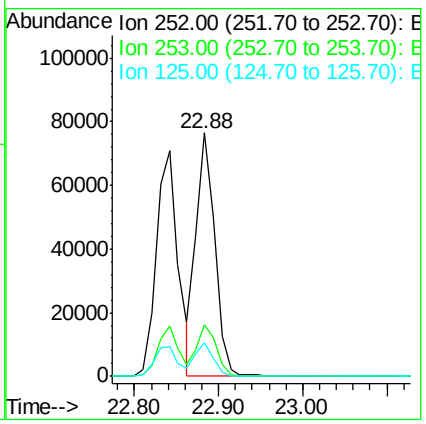


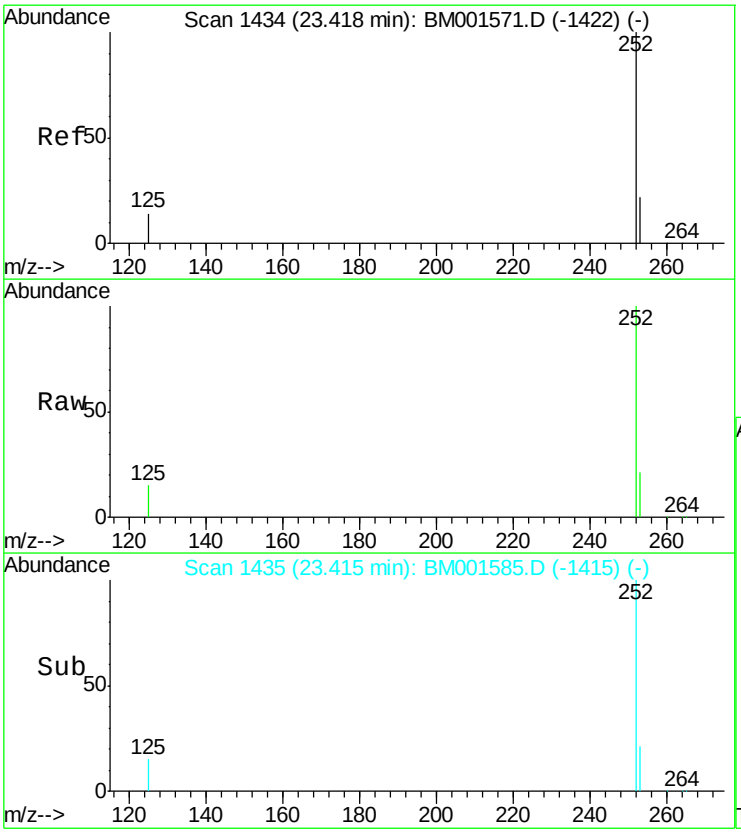
#34
Benzo(k)fluoranthene
Concen: 8.76 ng
RT: 22.88 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:252 Resp: 116205

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.8	28.2
125	13.8	10.7	16.1

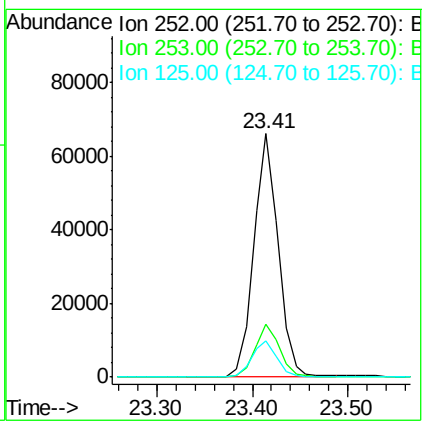


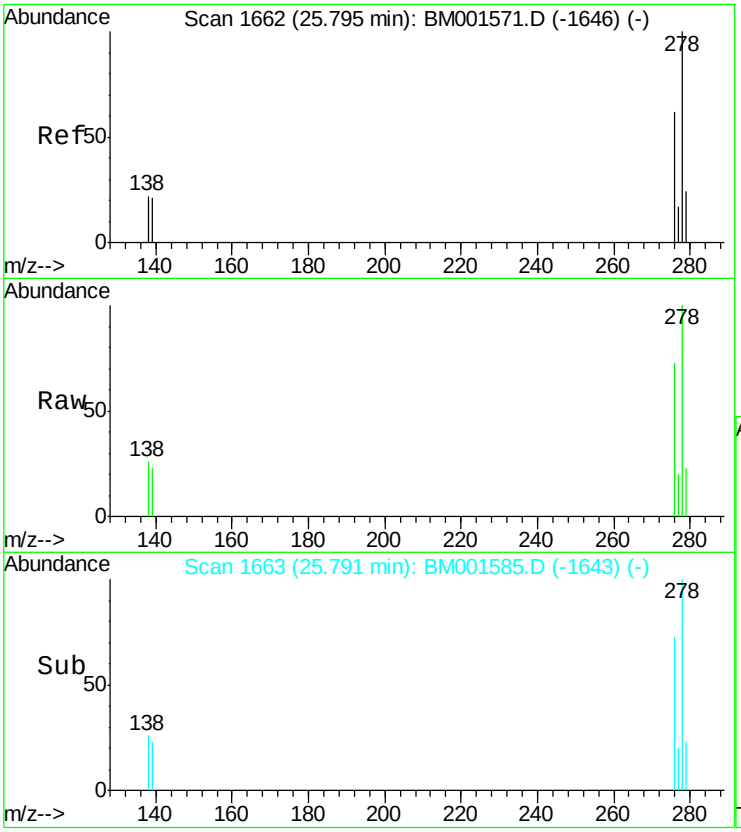


#35
Benzo(a)pyrene
Concen: 9.20 ng
RT: 23.41 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:252 Resp: 117001

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.8	28.2
125	15.0	12.1	18.1



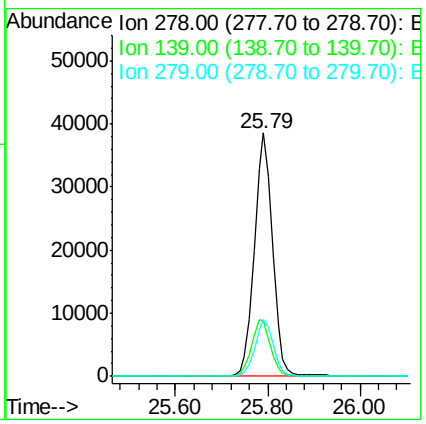


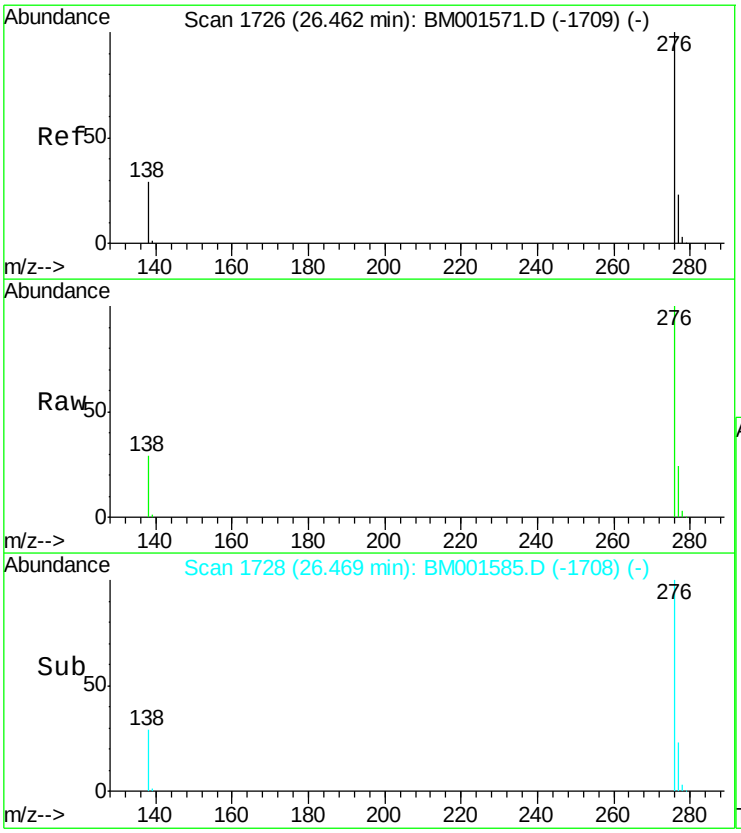
#36
Dibenzo(a,h)anthracene
Concen: 8.42 ng
RT: 25.79 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Instrument :
BNA_M
ClientSampleId :
PB83802BSD

Tgt Ion:278 Resp: 105043

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.4	26.0
279	23.2	20.0	30.0





#37
Benzo(g,h,i)perylene
Concen: 8.33 ng
RT: 26.47 min Scan# 1728
Delta R.T. 0.01 min
Lab File: BM001585.D
Acq: 06 Jun 2015 09:17

Tgt Ion:276 Resp: 109247

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	28.8	23.7	35.5