Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001768.D
Acq On : 19 Jun 2015 18:51
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC001EC

Quant Time: Jun 20 02:11:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	18624	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	68225	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	33450	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	84451	5.00	ng		0.00
25) Chrysene-d12	21.25	240	48493	5.00	ng		0.00
32) Perylene-d12	23.47	264	41262	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	4359	1.00	ng		0.00
5) Phenol-d6	6.83	99	5537	0.99	ng		0.00
7) Nitrobenzene-d5	8.83	82	5259	0.99	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	1088	1.04	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	12044	1.01	ng		0.00
27) Terphenyl-d14	19.70	244	7286	1.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	2117	1.00	ng		98
3) n-Nitrosodimethylamine	3.48	42	3327	1.01	ng		96
8) Nitrobenzene	8.87	77	5685	0.99	ng		100
9) Naphthalene	10.49	128	16539	0.99	ng		100
10) Hexachlorobutadiene	10.78	225	2761	0.98	ng		99
11) 2-Methylnaphthalene	12.12	142	10686	1.01	ng		99
15) Acenaphthylene	14.03	152	15702	0.99	ng		100
16) Acenaphthene	14.37	154	9779	0.98	ng		100
17) Fluorene	15.36	166	8972	1.05	ng		99
19) 4-Bromophenyl-phenylether	16.24	248	3229	0.93	ng		99
20) Hexachlorobenzene	16.38	284	2236	0.94	ng	#	100
21) Pentachlorophenol	16.72	266	1013	0.96	ng		99
22) Phenanthrene	17.09	178	25238	0.87	ng		98
23) Anthracene	17.19	178	9866	0.81	ng		94
24) Fluoranthene	19.12	202	15816	0.87	ng		100
26) Pyrene	19.49	202	16543	0.98	ng		100
28) Benzo(a)anthracene	21.24	228	13294	0.91	ng		99
29) Chrysene	21.28	228	14814	0.96	ng		99
30) Bis(2-ethylhexyl)phthalate	21.16	149	7321	0.87	ng		99
31) Indeno(1,2,3-cd)pyrene	25.70	276	13711	0.93	ng		99
33) Benzo(b)fluoranthene	22.80	252	13450	0.99	ng		99
34) Benzo(k)fluoranthene	22.84	252	11698	0.97	ng		99
35) Benzo(a)pyrene	23.37	252	11053	0.97	ng		99
36) Dibenzo(a,h)anthracene	25.72	278	11044	0.98	ng		100
37) Benzo(g,h,i)perylene	26.39	276	11570	0.97	ng		100

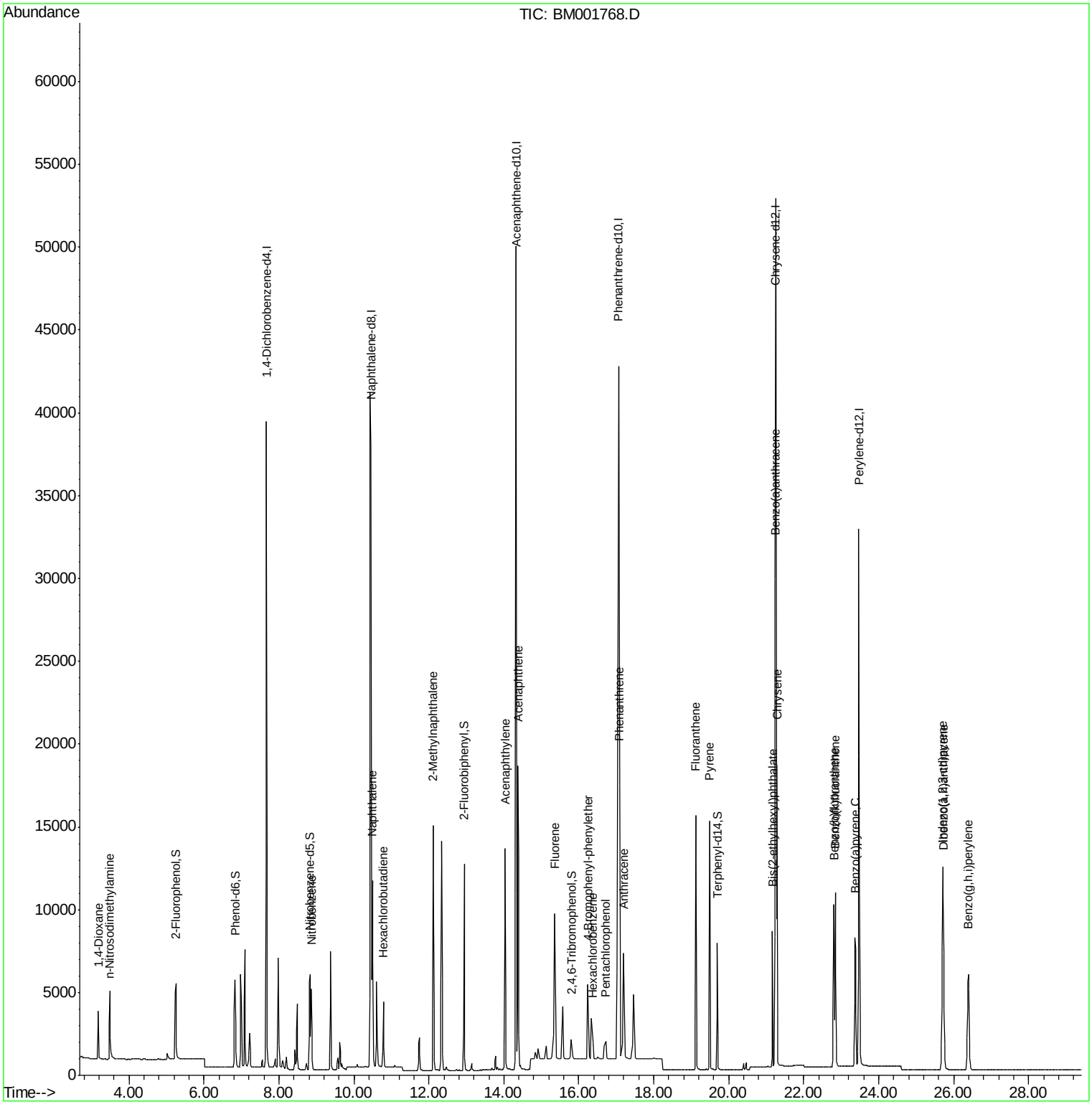
(#) = qualifier out of range (m) = manual integration (+) = signals summed

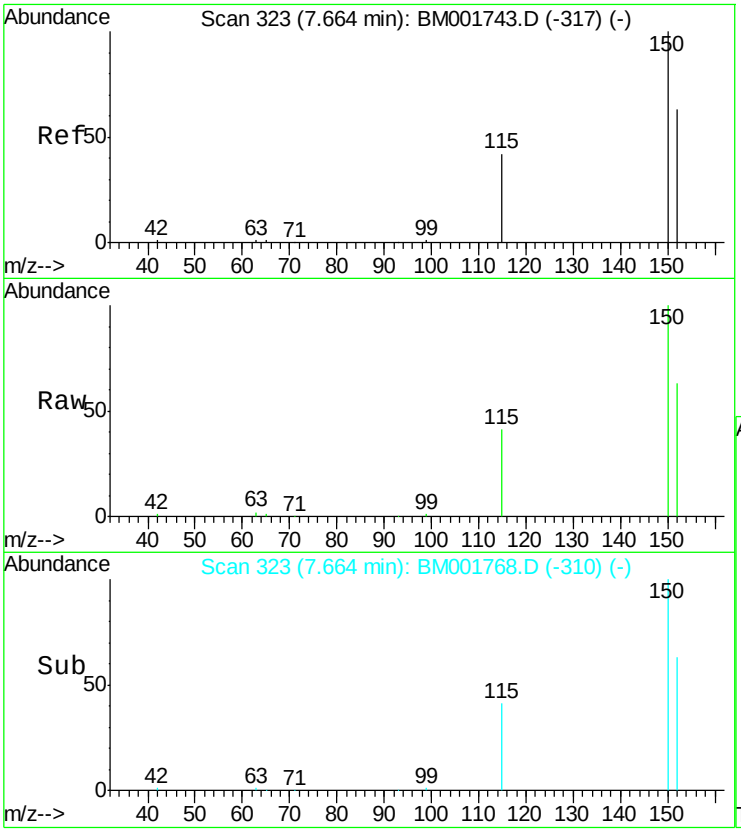
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001768.D
Acq On : 19 Jun 2015 18:51
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Quant Time: Jun 20 02:11:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration



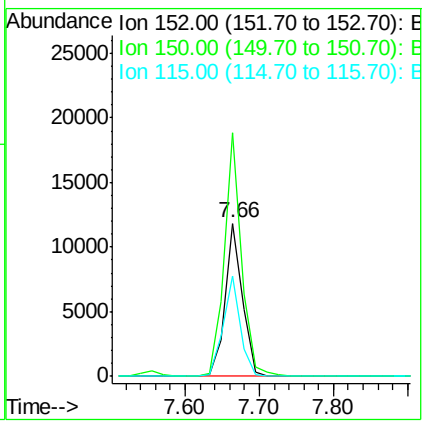


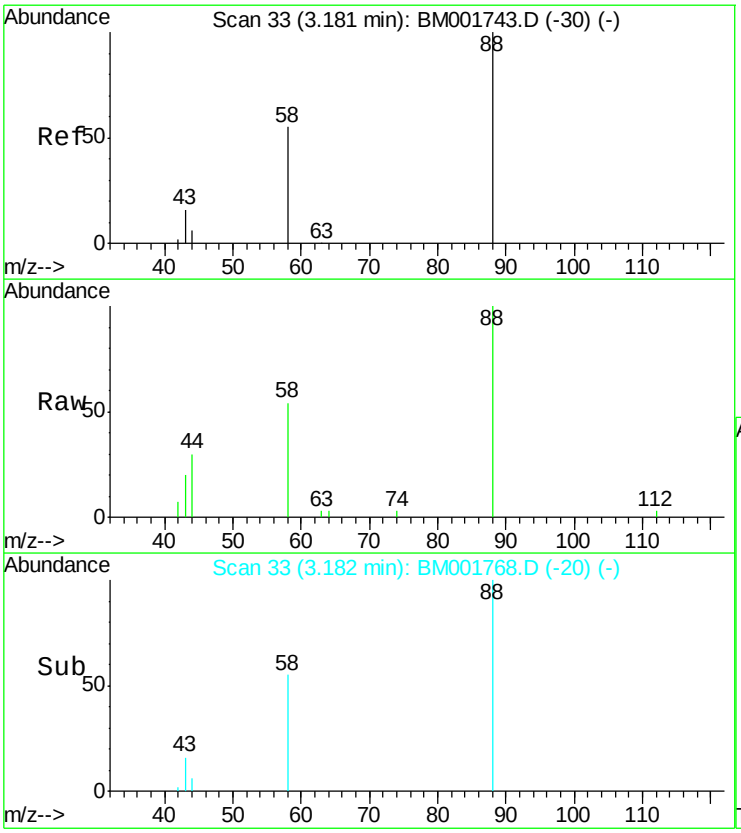
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 18624

Ion	Ratio	Lower	Upper
152	100		
150	159.0	127.5	191.3
115	65.5	53.2	79.8

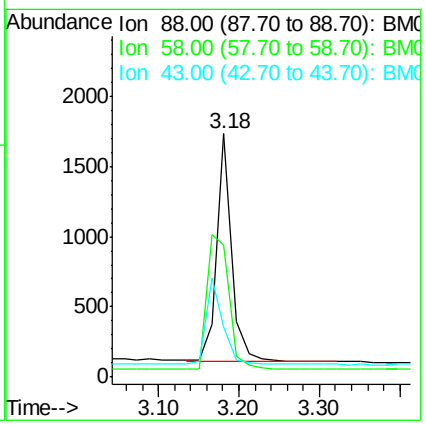


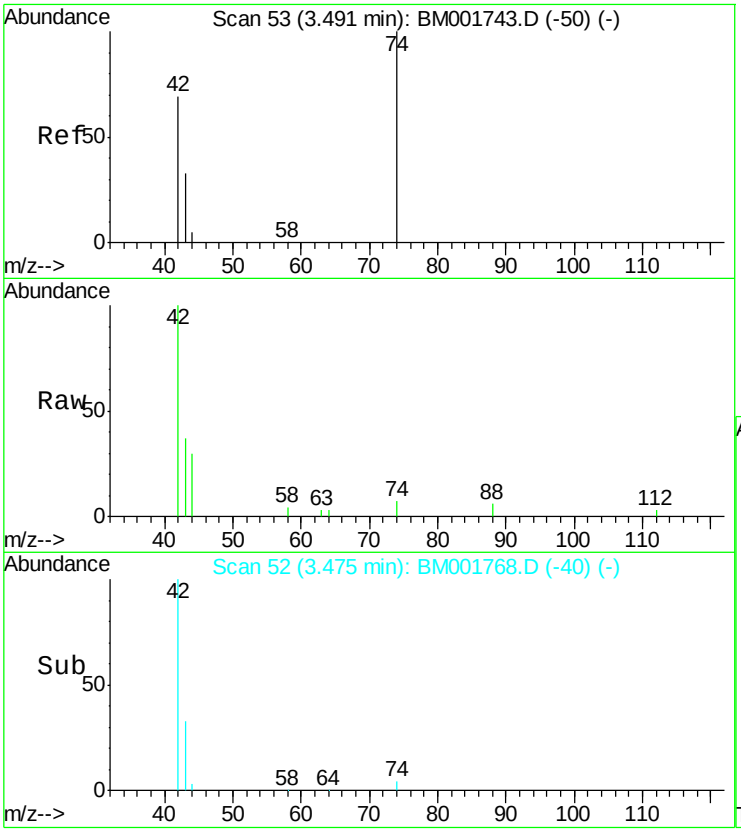


#2
1,4-Dioxane
Concen: 1.00 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion: 88 Resp: 2117

Ion	Ratio	Lower	Upper
88	100		
58	87.9	68.3	102.5
43	41.1	32.6	48.8



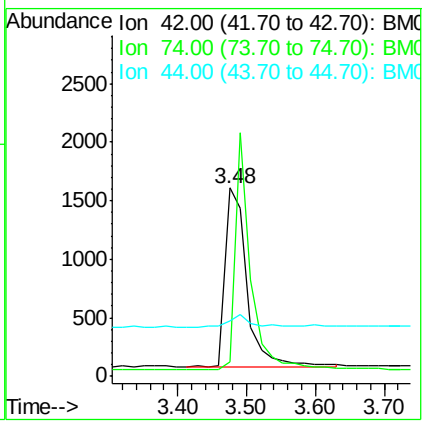


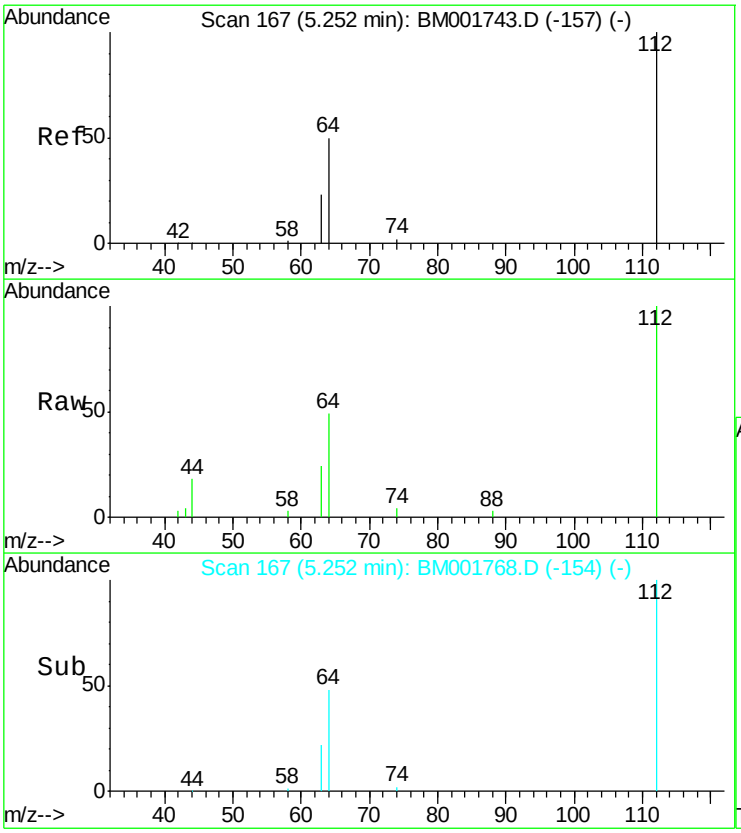
#3
n-Nitrosodimethylamine
Concen: 1.01 ng
RT: 3.48 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3327

Ion	Ratio	Lower	Upper
42	100		
74	94.8	78.6	118.0
44	7.2	5.0	7.6

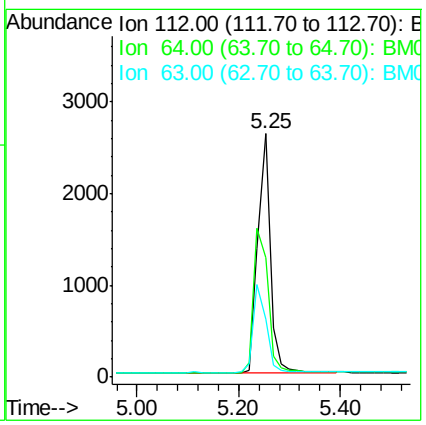


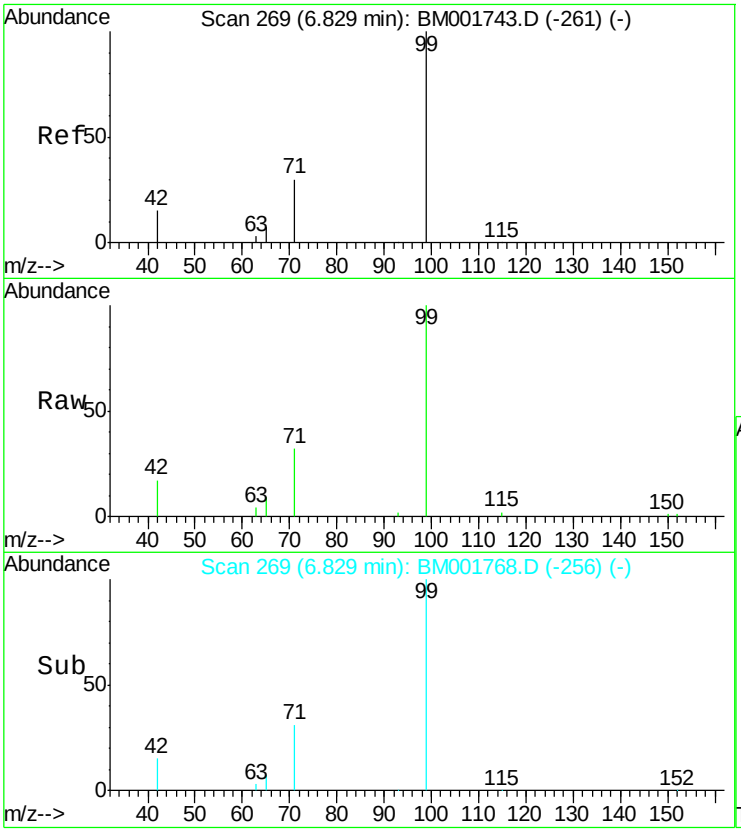


#4
2-Fluorophenol
Concen: 1.00 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:112 Resp: 4359

Ion	Ratio	Lower	Upper
112	100		
64	68.5	55.6	83.4
63	38.2	30.2	45.2



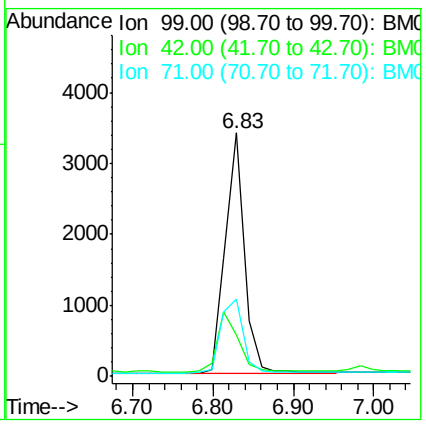


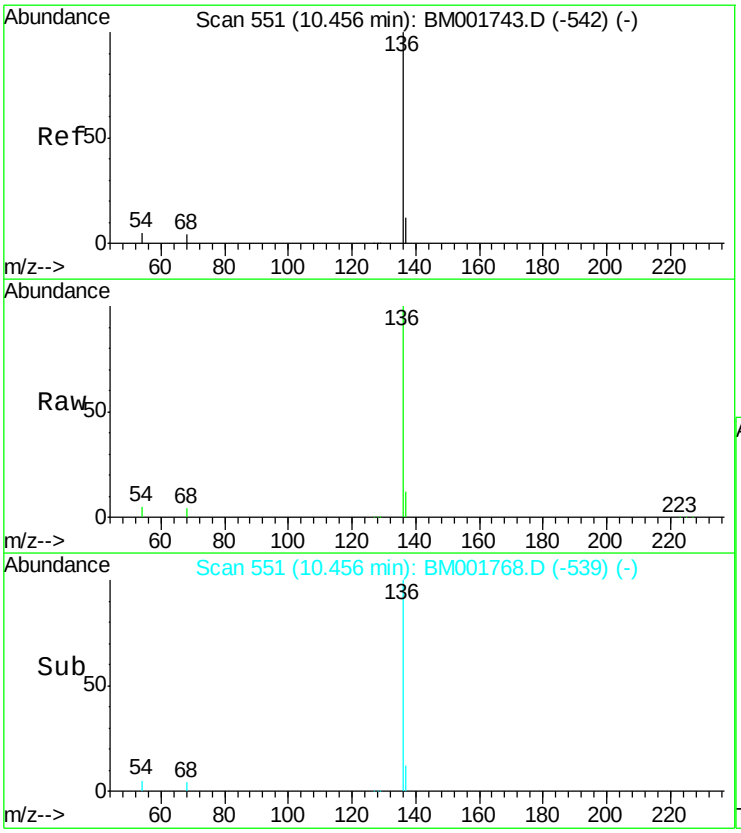
#5
Phenol-d6
Concen: 0.99 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 5537

Ion	Ratio	Lower	Upper
99	100		
42	27.2	21.4	32.0
71	36.3	28.3	42.5

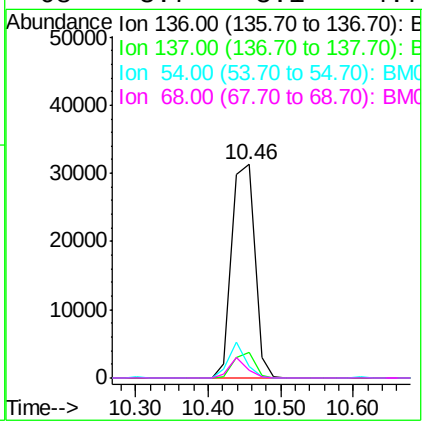


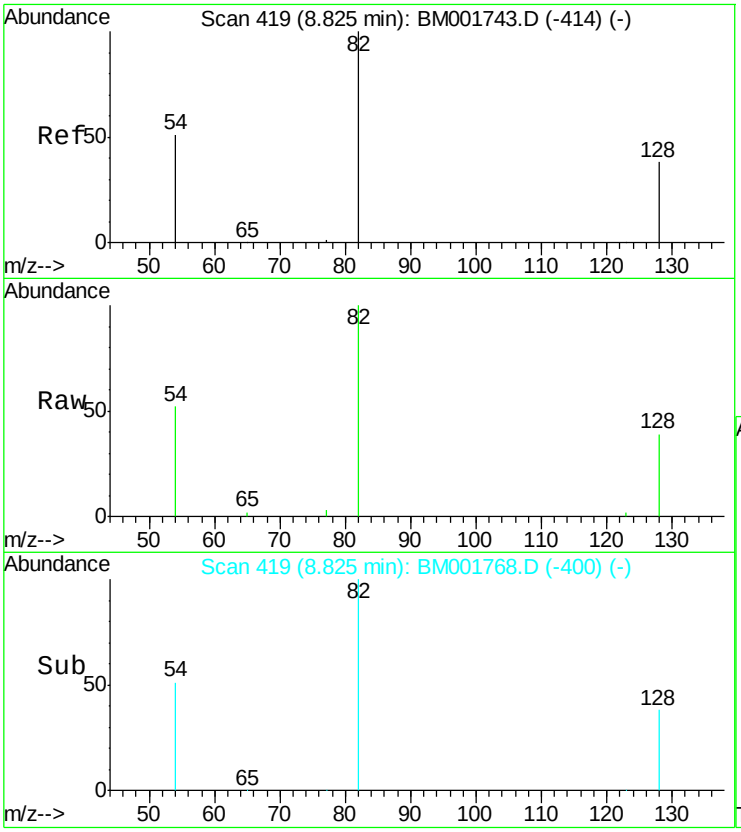


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:136 Resp: 68225

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	5.3	4.4	6.6
68	3.7	3.1	4.7



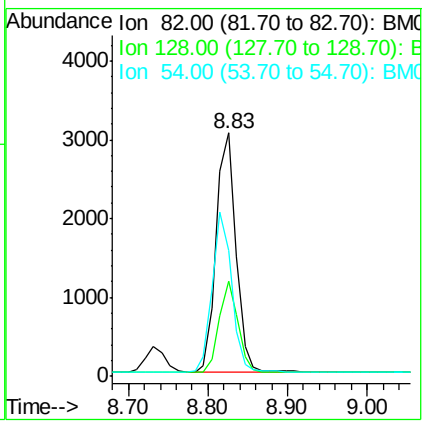


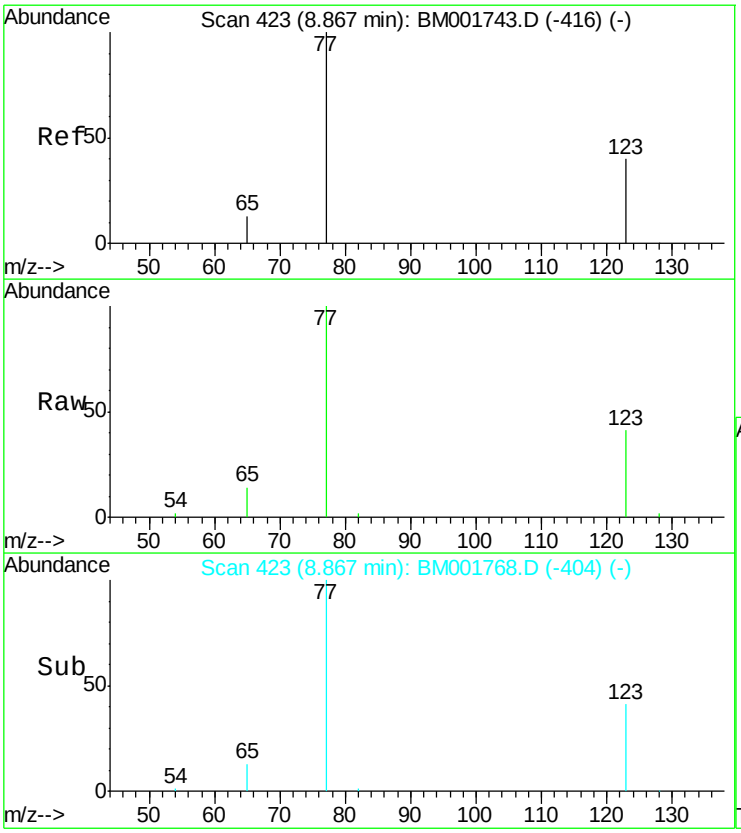
#7
Nitrobenzene-d5
Concen: 0.99 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 5259

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.3	46.9
54	51.5	41.9	62.9

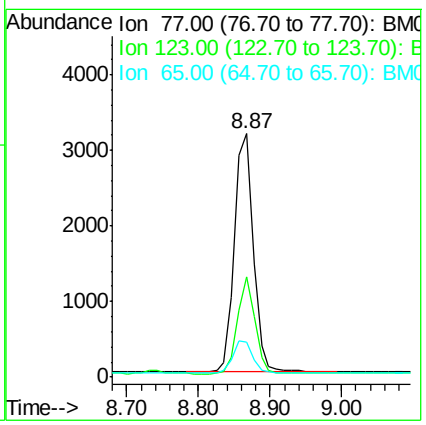


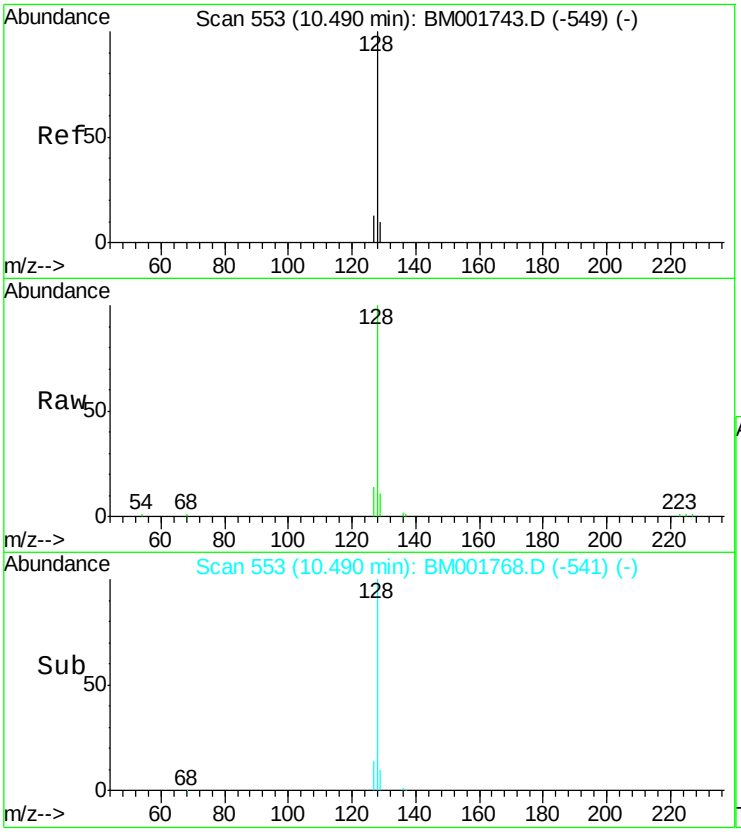


#8
Nitrobenzene
Concen: 0.99 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion: 77 Resp: 5685

Ion	Ratio	Lower	Upper
77	100		
123	37.7	30.1	45.1
65	14.2	11.3	16.9



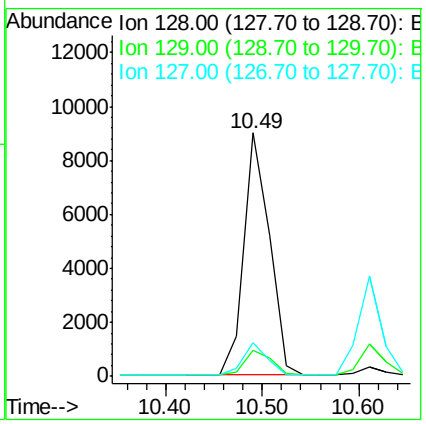


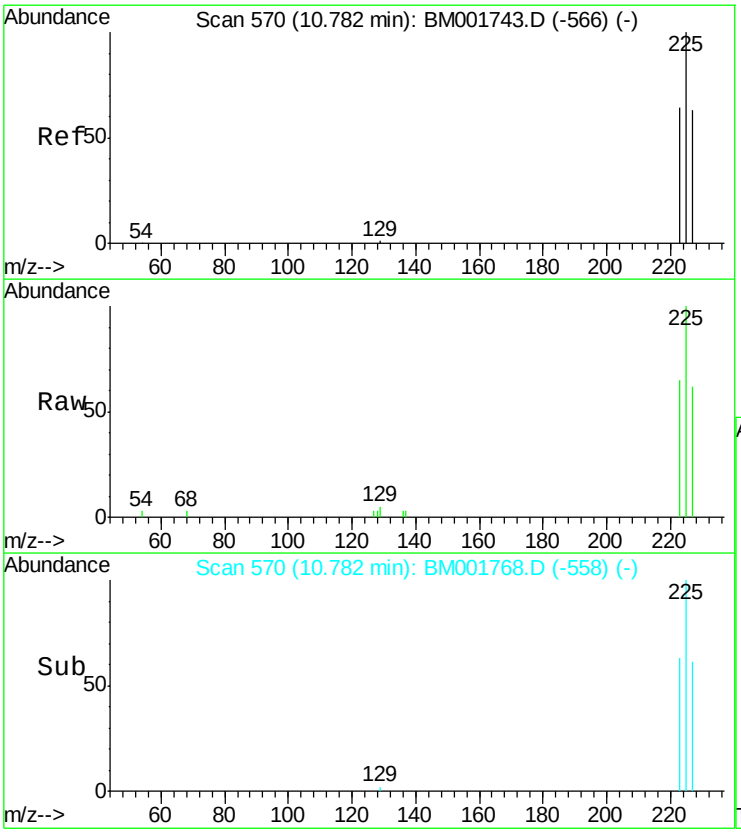
#9
Naphthalene
Concen: 0.99 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 16539

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	14.0	11.2	16.8

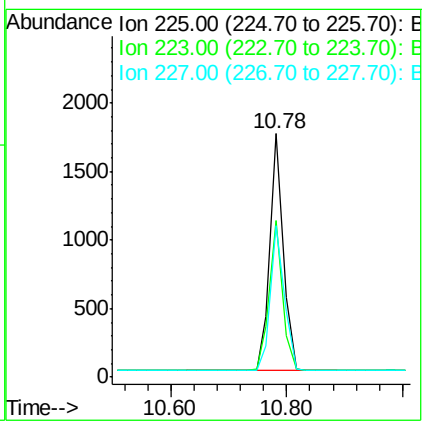


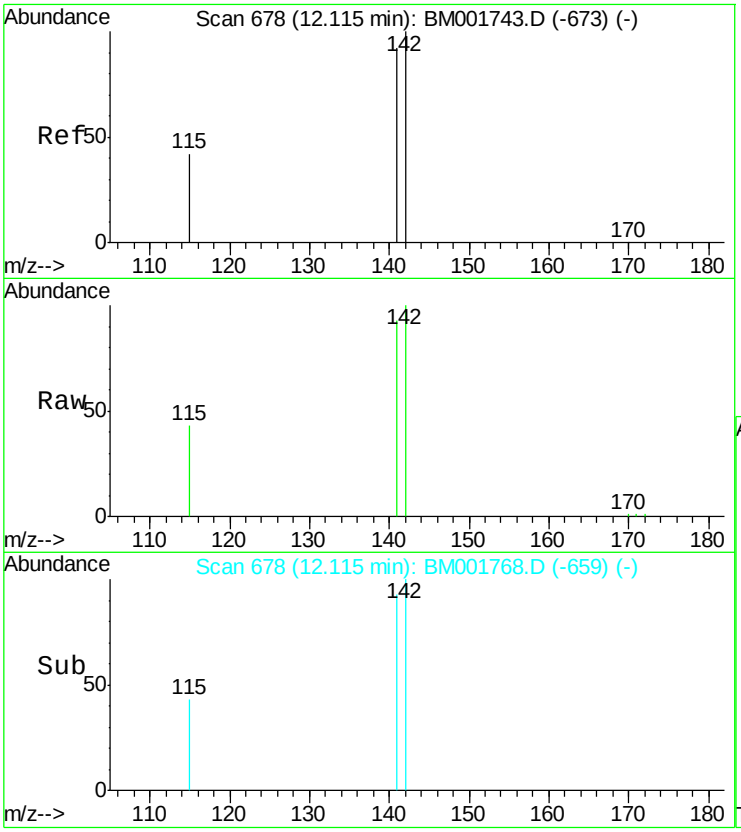


#10
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:225 Resp: 2761

Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.4
227	63.4	51.8	77.8



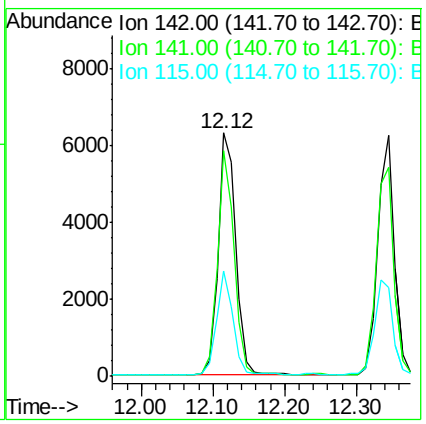


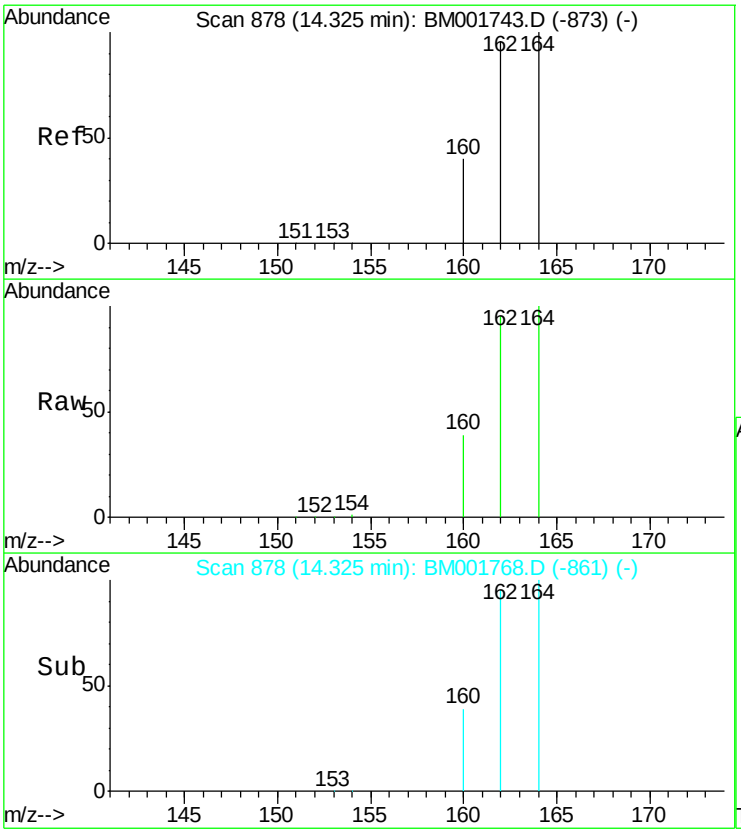
#11
2-Methylnaphthalene
Concen: 1.01 ng
RT: 12.12 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 10686

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.6	110.4
115	43.4	34.1	51.1

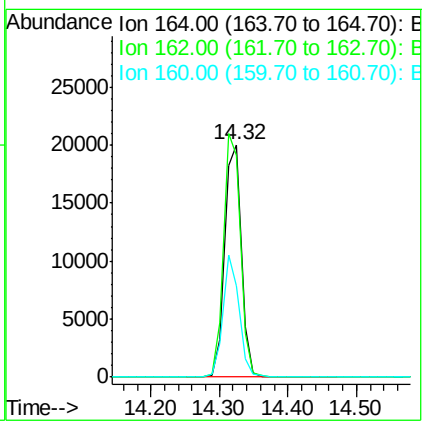


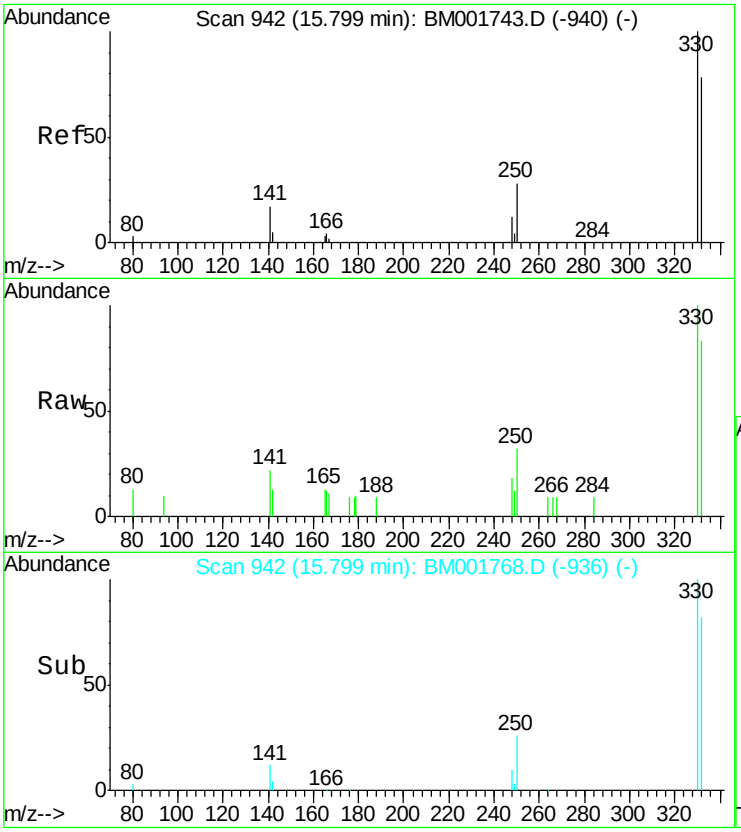


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:164 Resp: 33450

Ion	Ratio	Lower	Upper
164	100		
162	95.5	76.6	114.8
160	39.3	31.8	47.8



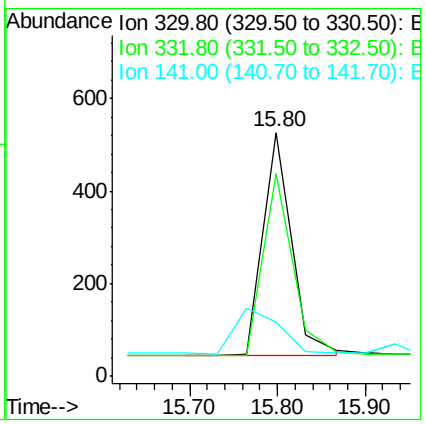


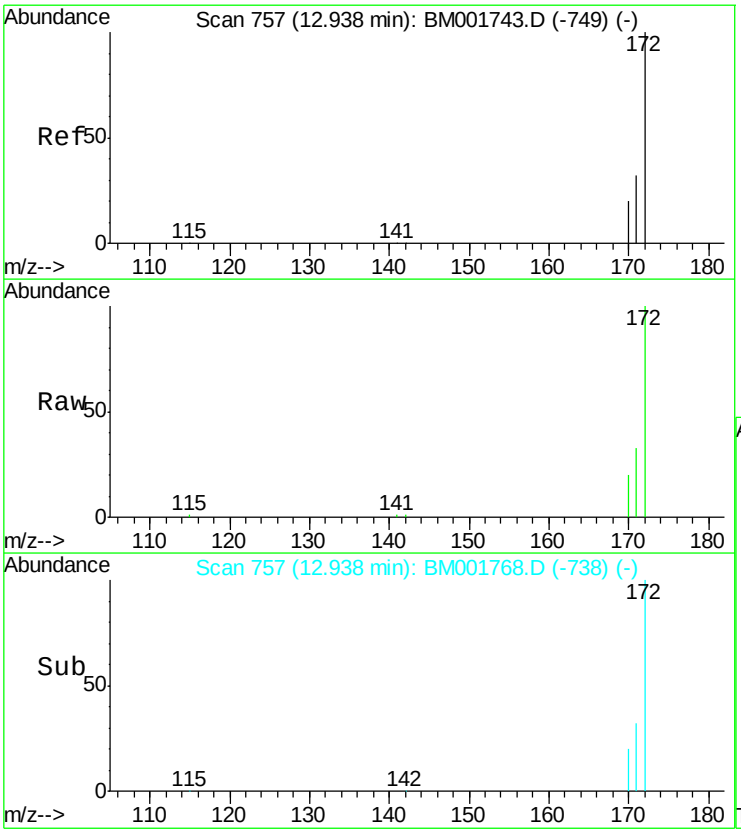
#13
2,4,6-Tribromophenol
Concen: 1.04 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 1088

Ion	Ratio	Lower	Upper
330	100		
332	85.2	65.8	98.8
141	0.0	0.0	0.0

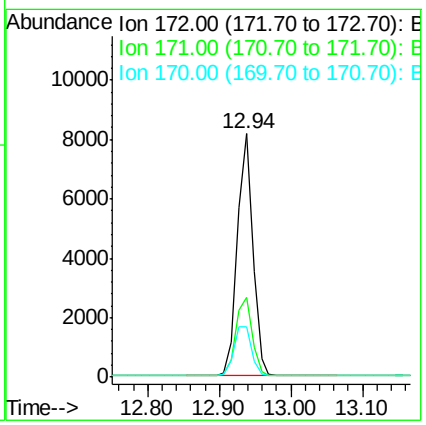


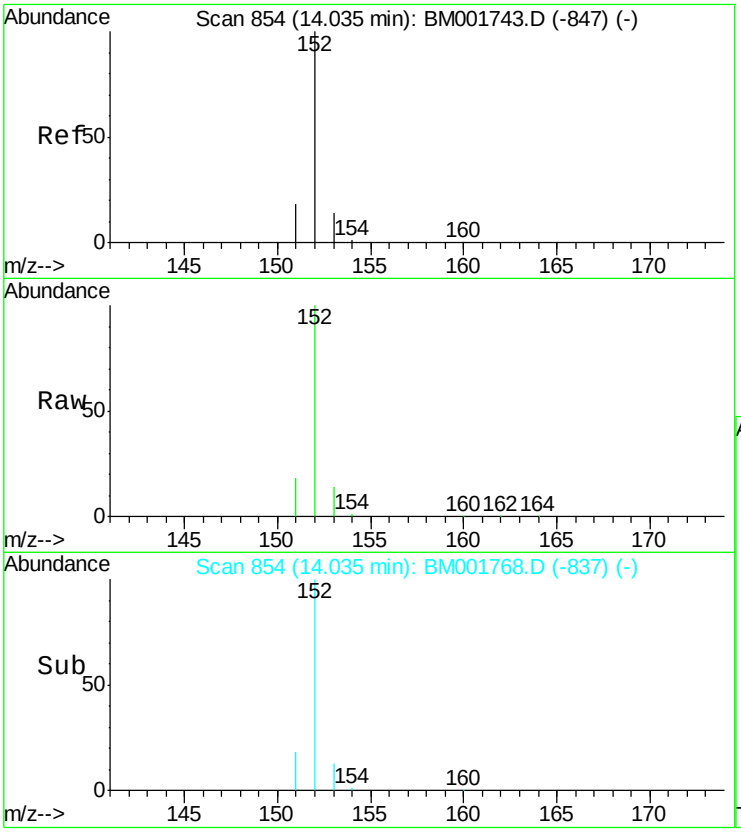


#14
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:172 Resp: 12044

Ion	Ratio	Lower	Upper
172	100		
171	32.7	26.2	39.2
170	20.4	16.6	24.8



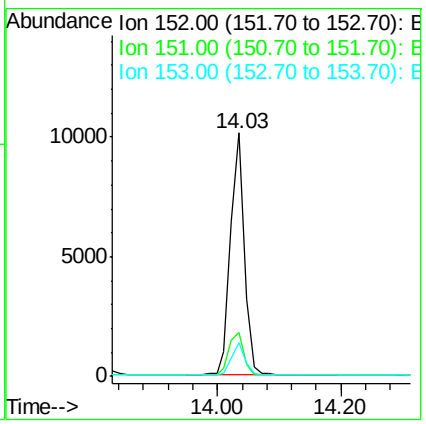


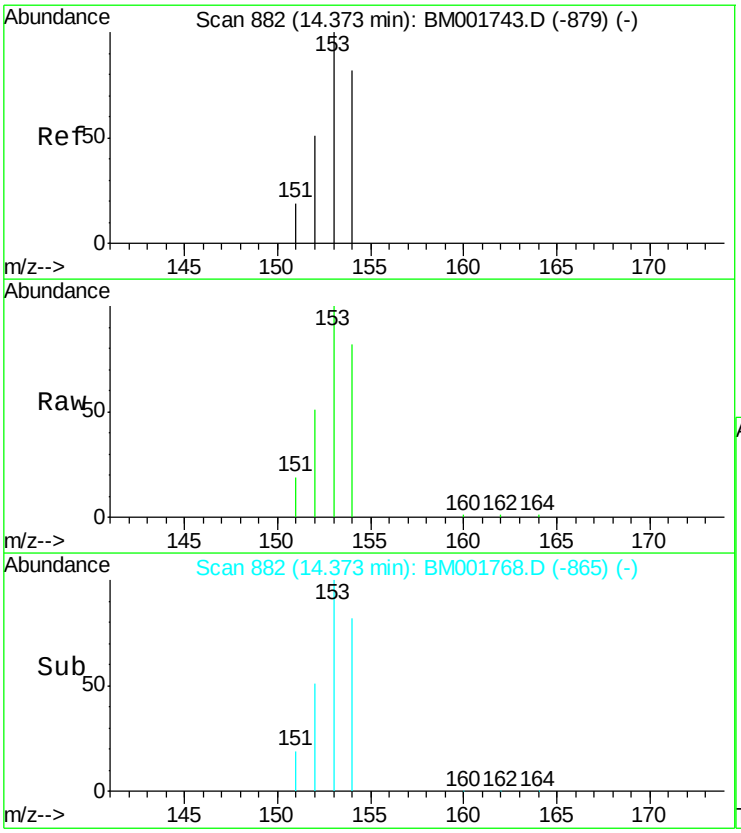
#15
Acenaphthylene
Concen: 0.99 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 15702

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.0	10.4	15.6

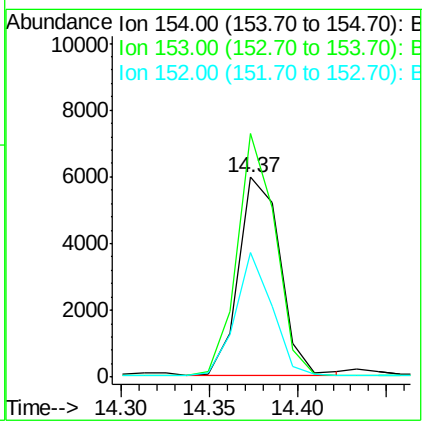


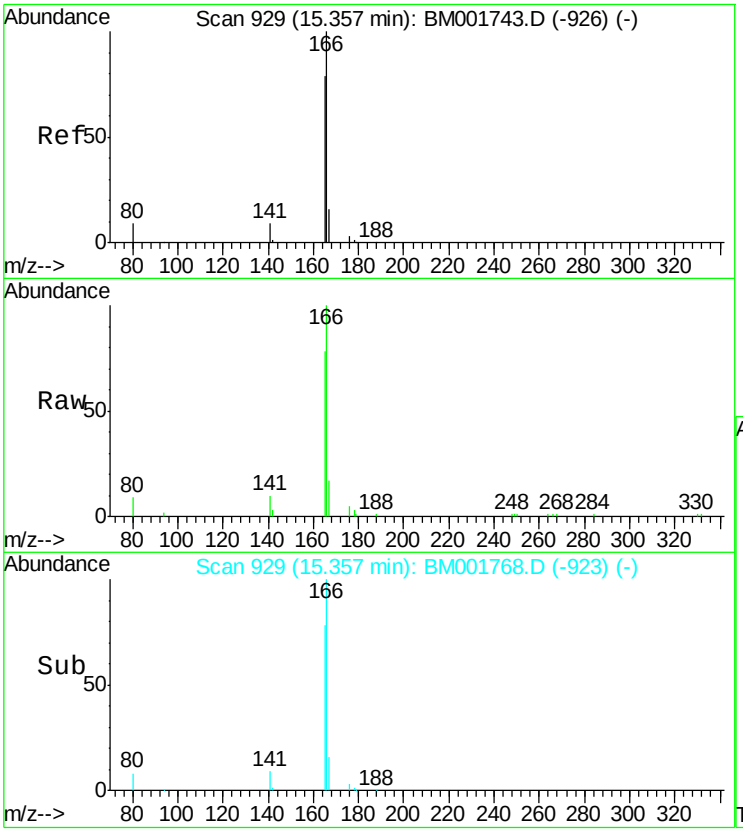


#16
Acenaphthene
Concen: 0.98 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:154 Resp: 9779

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	55.1	44.2	66.4



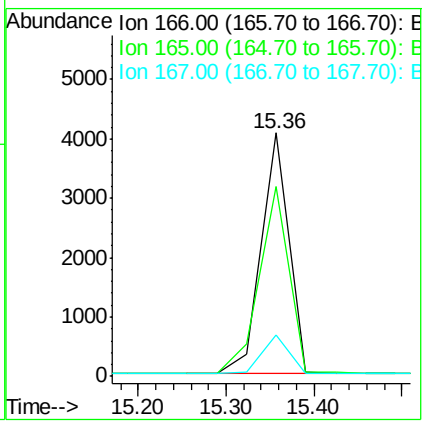


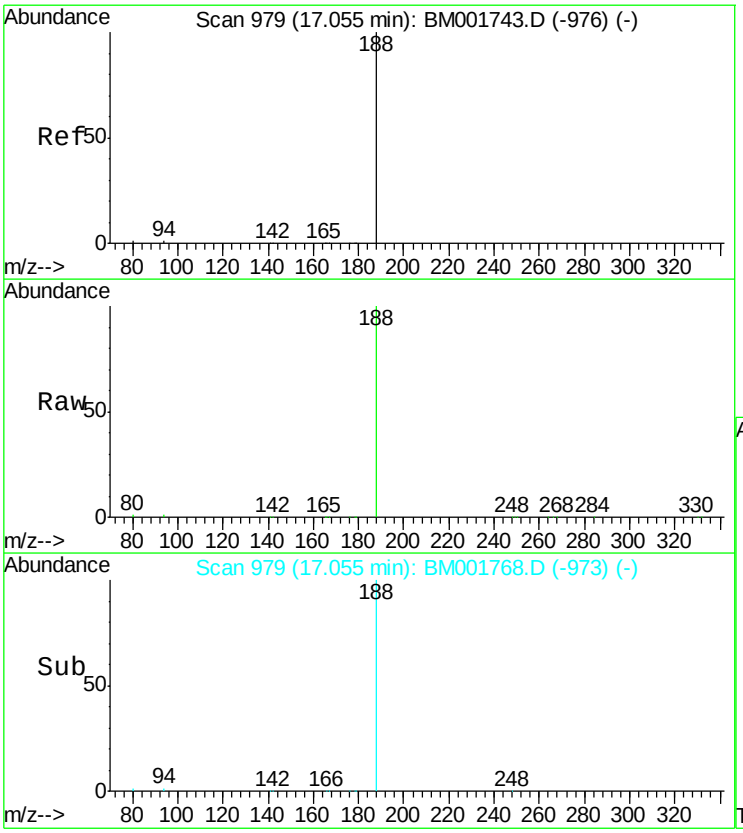
#17
Fluorene
Concen: 1.05 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 8972

Ion	Ratio	Lower	Upper
166	100		
165	83.7	68.2	102.2
167	15.4	12.2	18.2

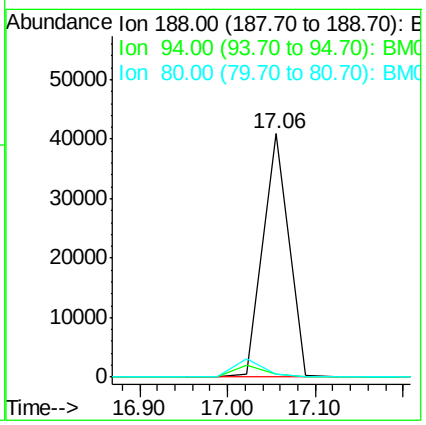


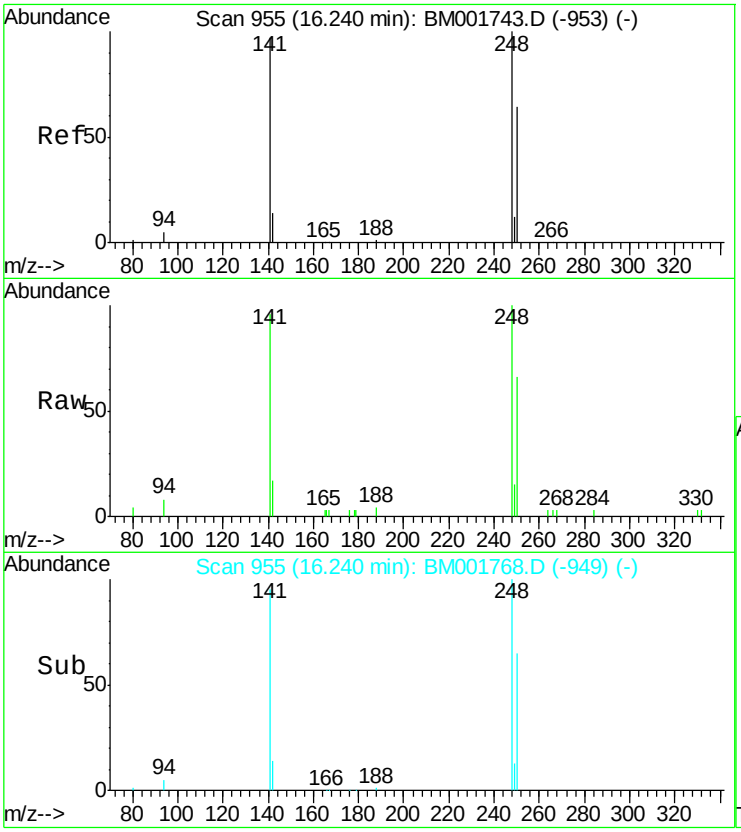


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:188 Resp: 84451

Ion	Ratio	Lower	Upper
188	100		
94	1.2	1.3	1.9#
80	1.0	1.0	1.6



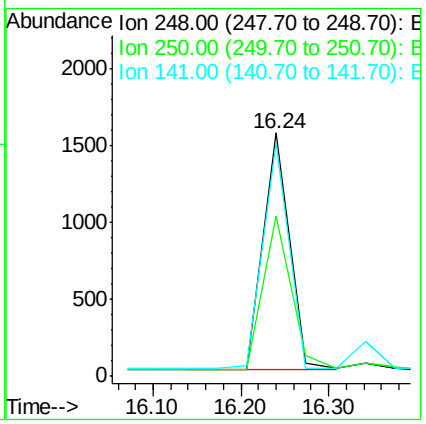


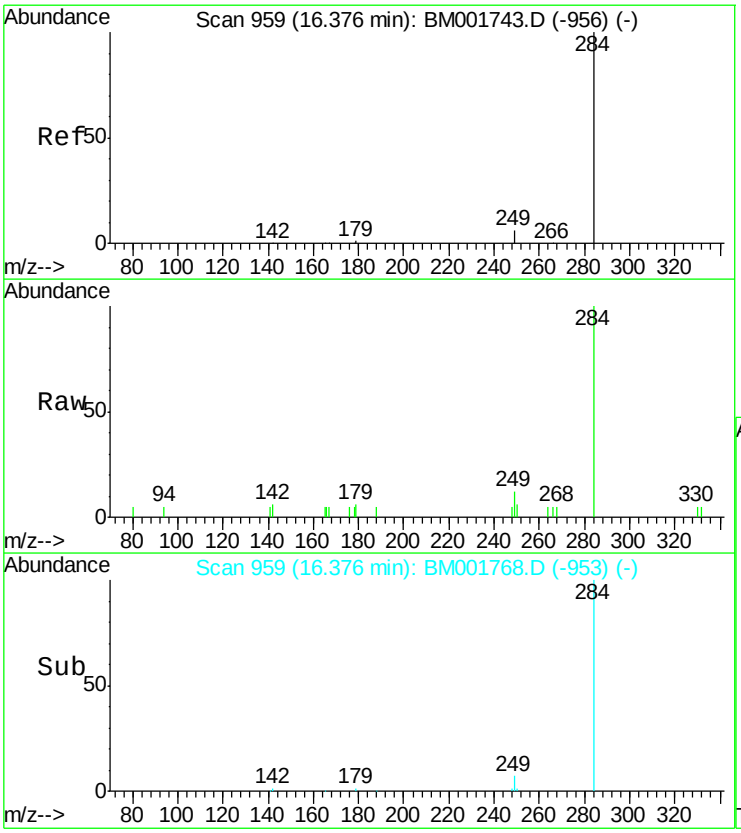
#19
4-Bromophenyl-phenylether
Concen: 0.93 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 3229

Ion	Ratio	Lower	Upper
248	100		
250	68.4	54.8	82.2
141	94.4	76.2	114.4

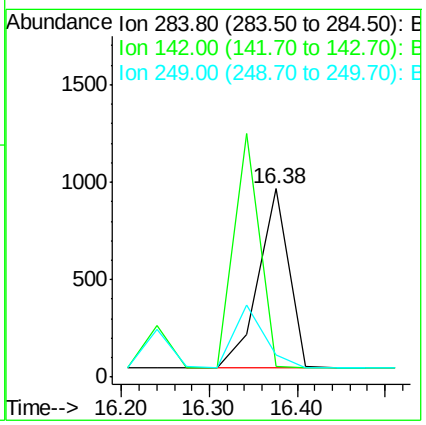


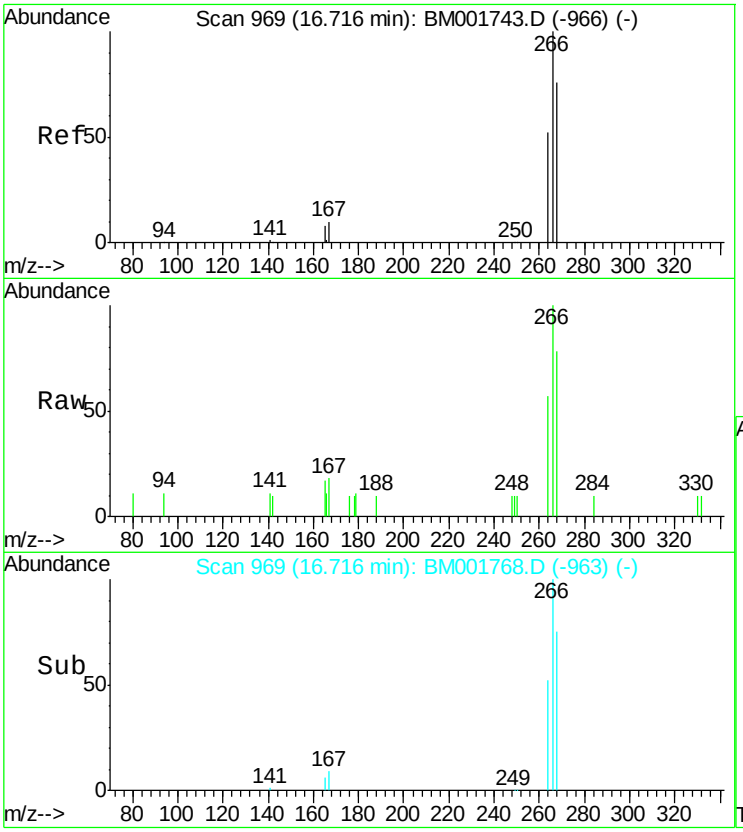


#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:284 Resp: 2236

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



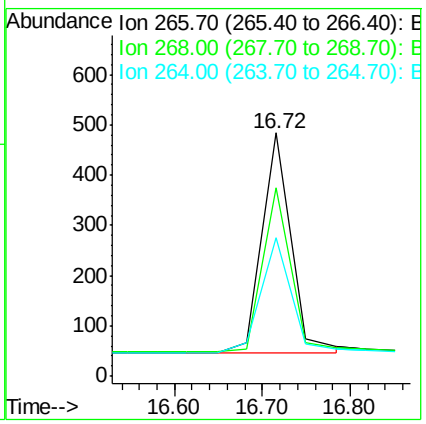


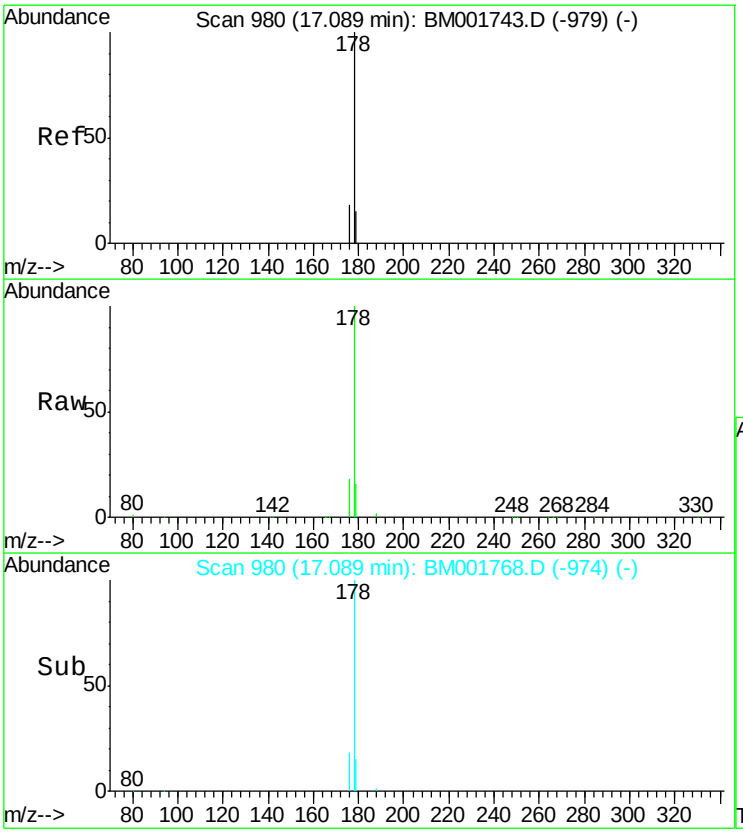
#21
Pentachlorophenol
Concen: 0.96 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 1013

Ion	Ratio	Lower	Upper
266	100		
268	77.7	63.2	94.8
264	56.8	46.2	69.2

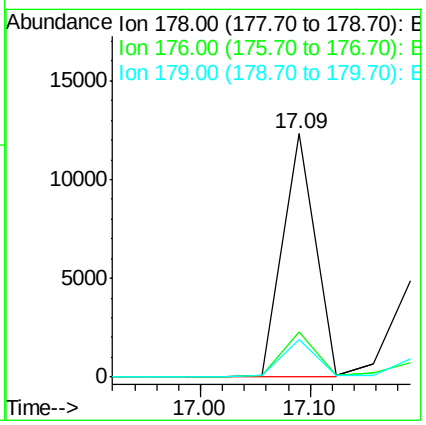


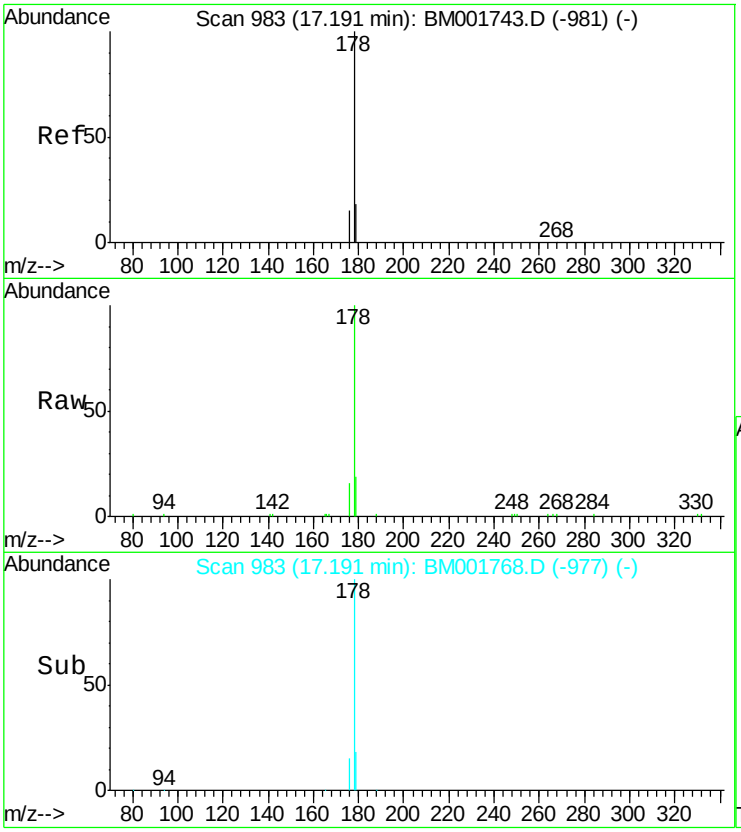


#22
Phenanthrene
Concen: 0.87 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:178 Resp: 25238

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.5	12.6	19.0



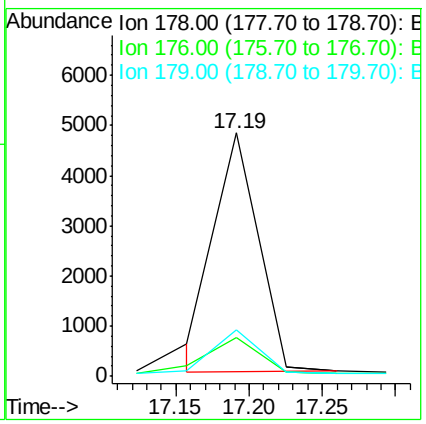


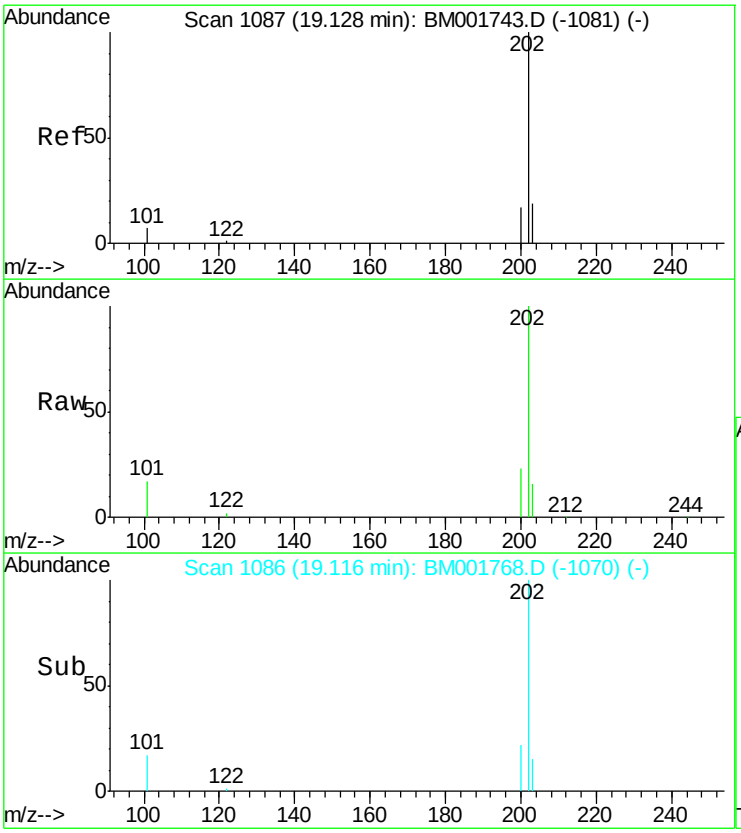
#23
Anthracene
Concen: 0.81 ng
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 9866

Ion	Ratio	Lower	Upper
178	100		
176	14.9	10.0	15.0
179	17.9	12.3	18.5

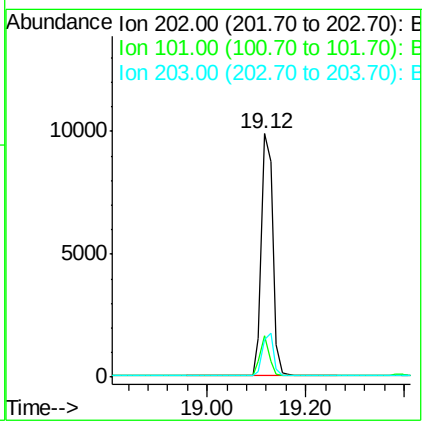


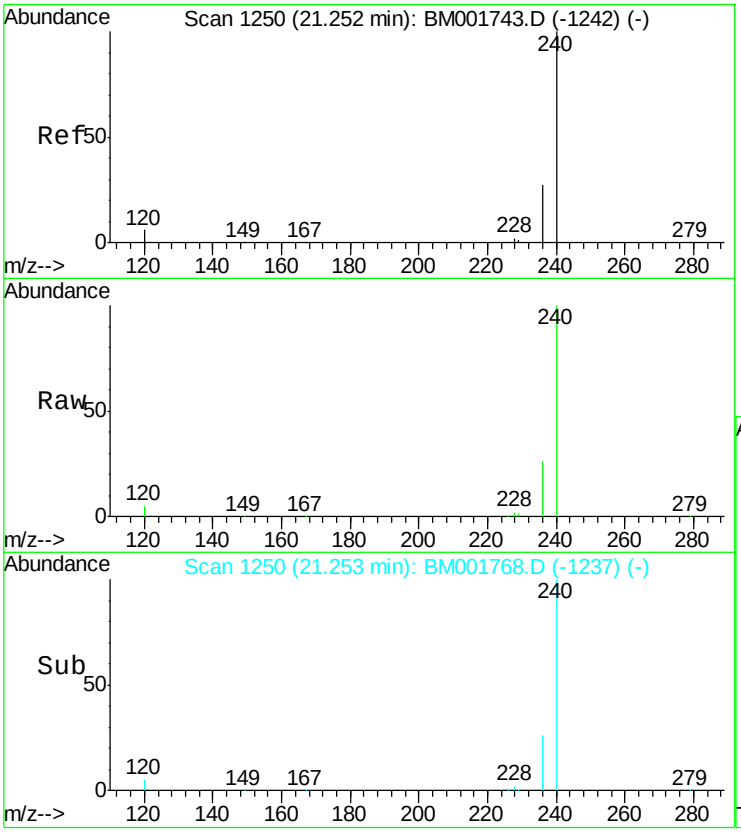


#24
Fluoranthene
Concen: 0.87 ng
RT: 19.12 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:202 Resp: 15816

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.8	16.2
203	17.3	13.8	20.6



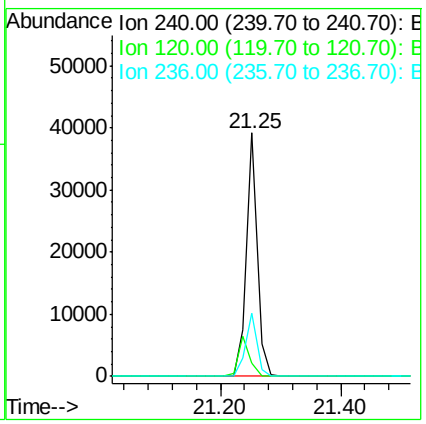


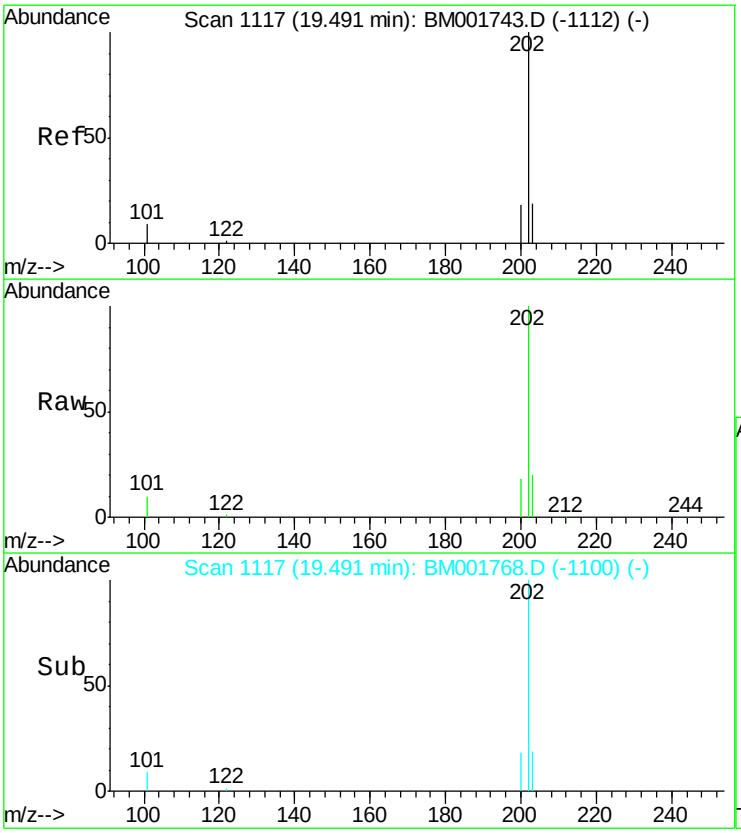
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 48493

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.7	7.1
236	26.2	21.6	32.4

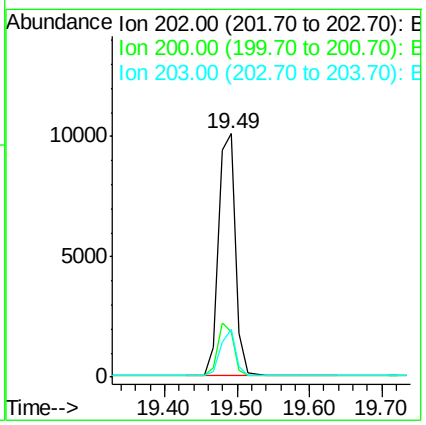


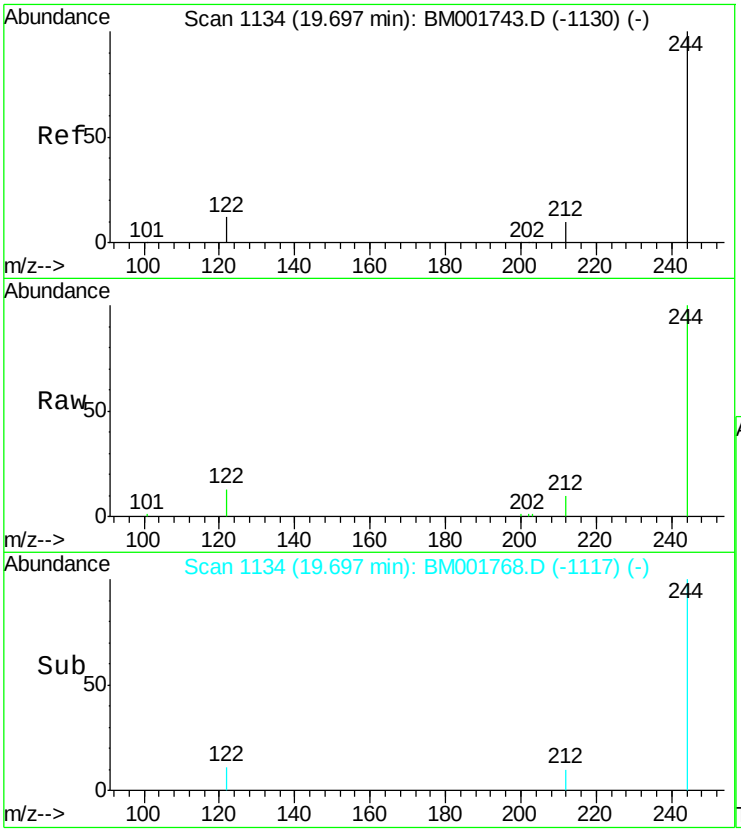


#26
Pyrene
Concen: 0.98 ng
RT: 19.49 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:202 Resp: 16543

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.4	13.9	20.9



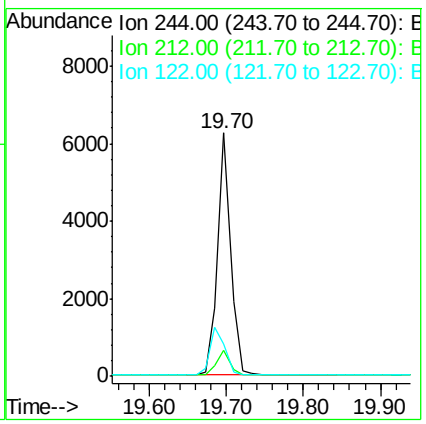


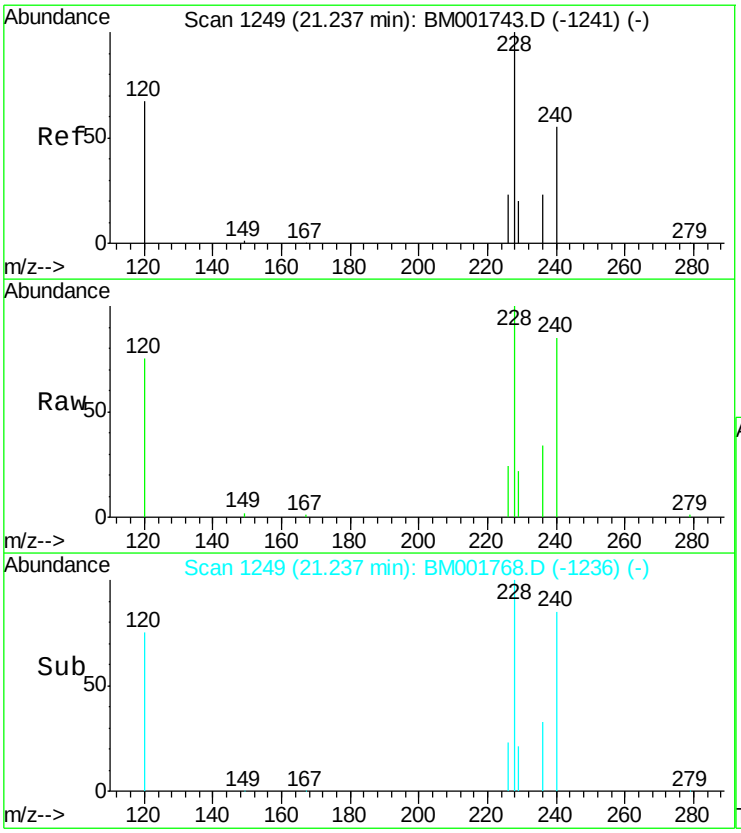
#27
Terphenyl-d14
Concen: 1.02 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 7286

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.6	13.0
122	13.1	10.6	15.8

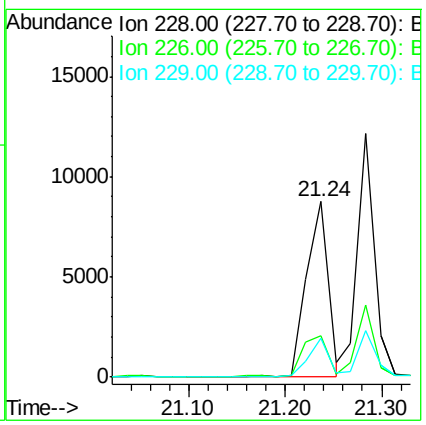


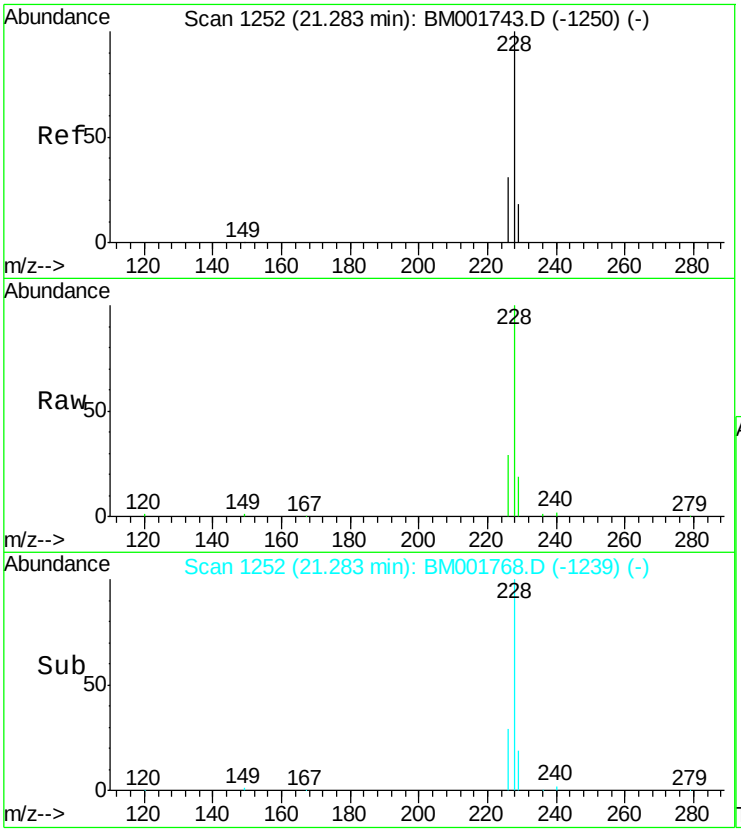


#28
Benzo(a)anthracene
Concen: 0.91 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:228 Resp: 13294

Ion	Ratio	Lower	Upper
228	100		
226	23.8	18.9	28.3
229	21.9	16.6	25.0



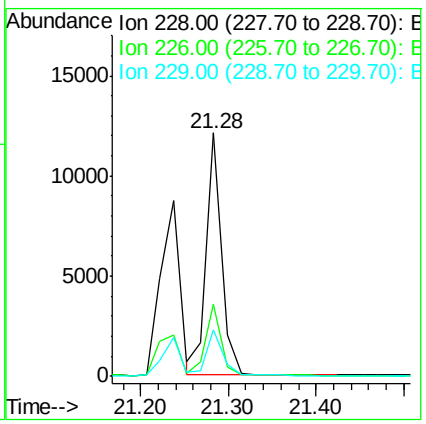


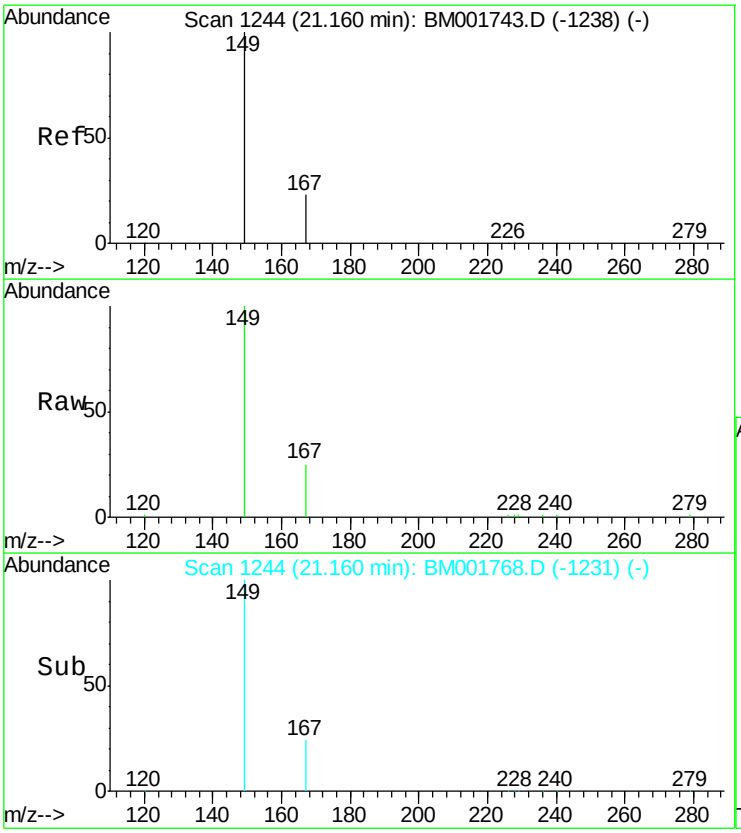
#29
Chrysene
Concen: 0.96 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 14814

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	19.2	15.0	22.6

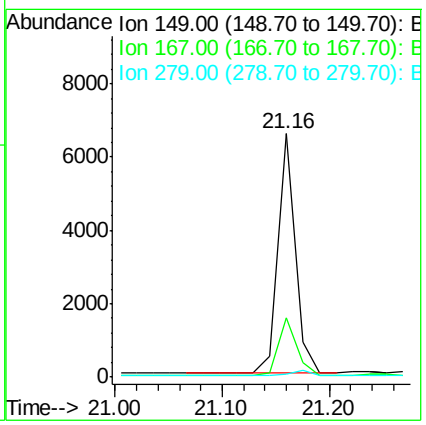


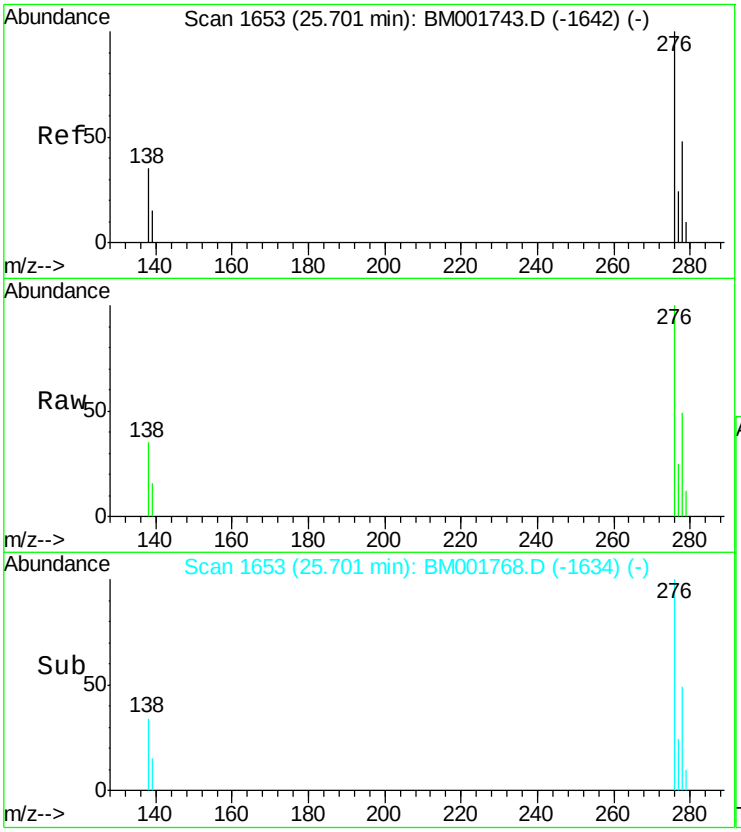


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.87 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:149 Resp: 7321

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.7	29.5
279	2.0	1.6	2.4



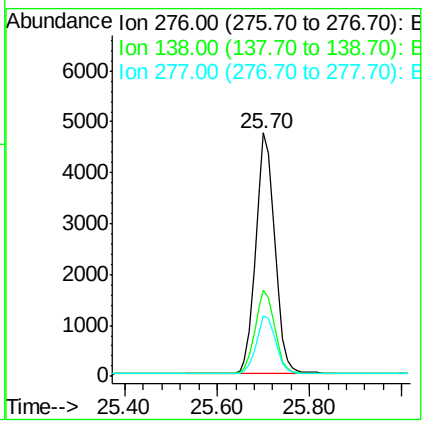


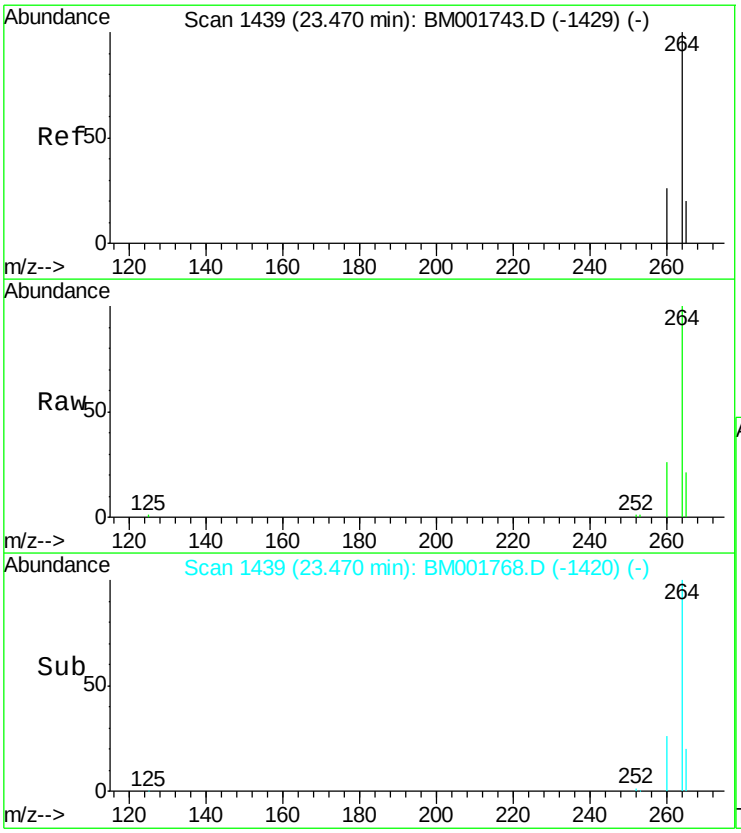
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.93 ng
RT: 25.70 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 13711

Ion	Ratio	Lower	Upper
276	100		
138	35.8	29.0	43.6
277	24.7	19.7	29.5

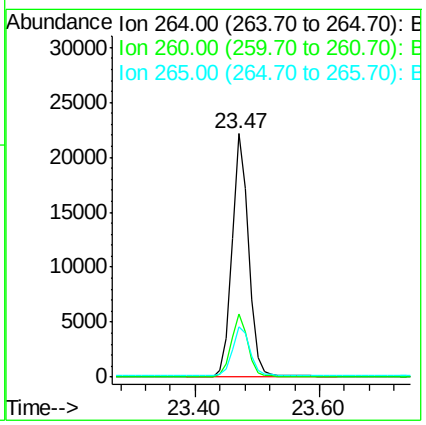


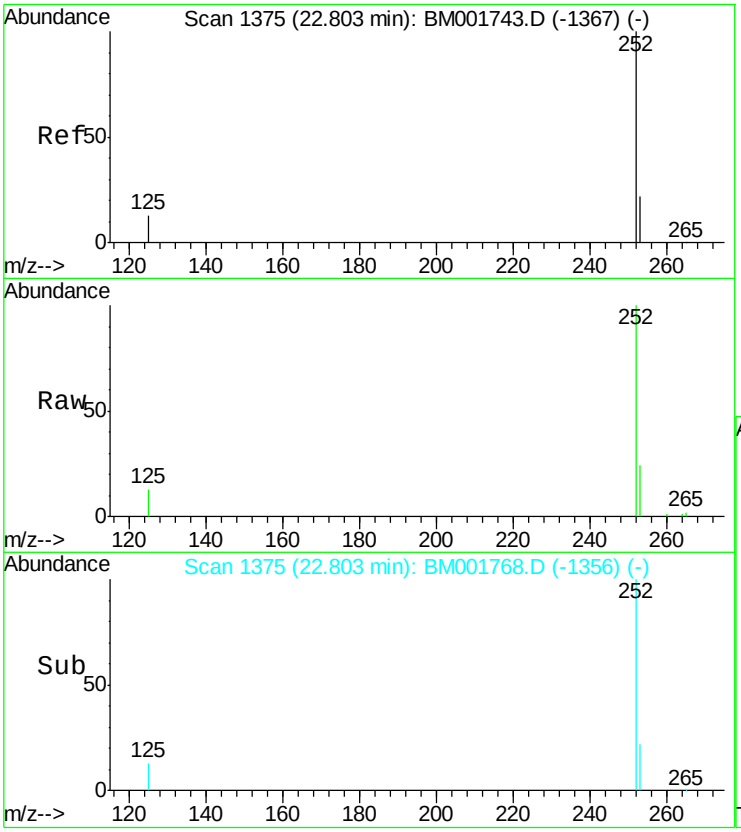


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:264 Resp: 41262

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.8	31.2
265	20.9	16.8	25.2



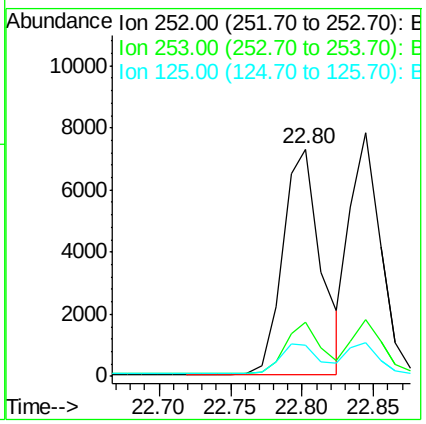


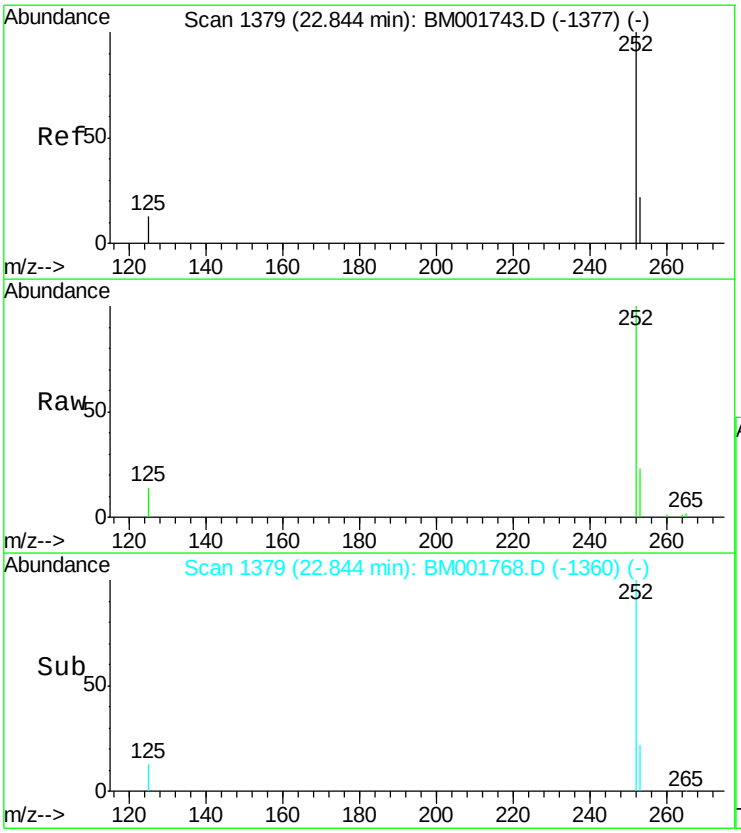
#33
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.80 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 13450

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	13.5	11.3	16.9

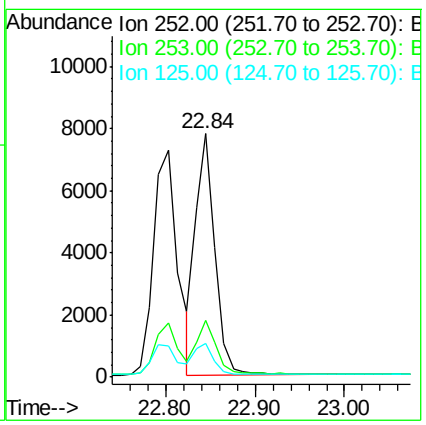


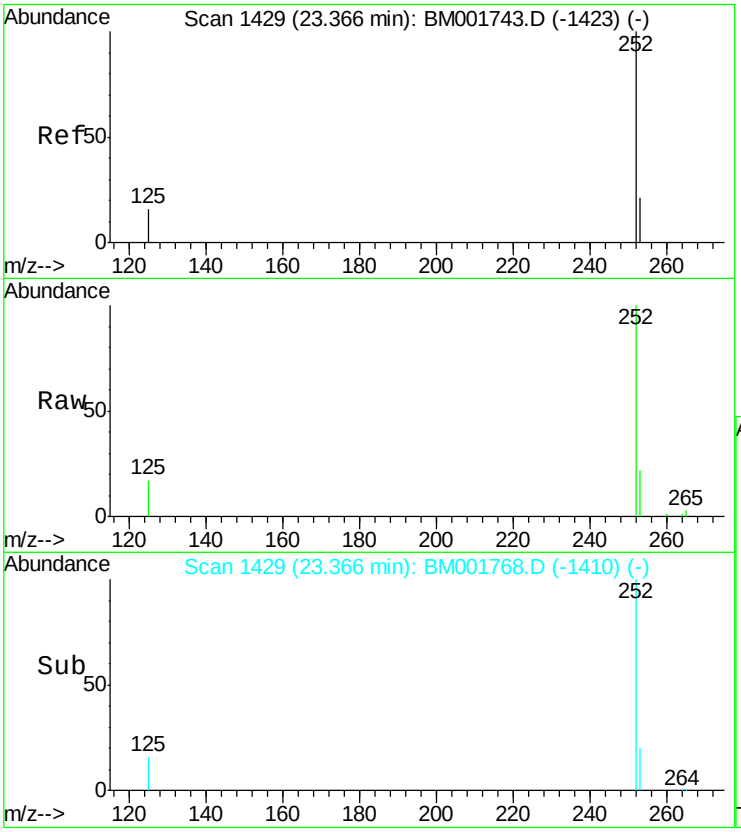


#34
Benzo(k)fluoranthene
Concen: 0.97 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:252 Resp: 11698

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	14.0	11.8	17.6



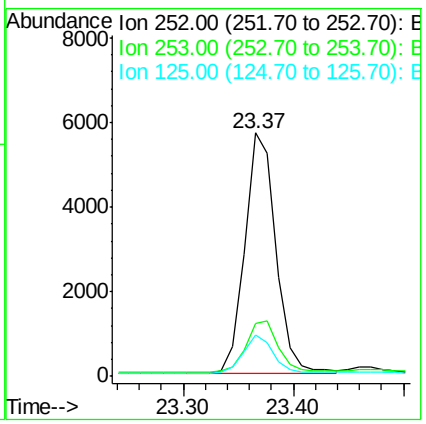


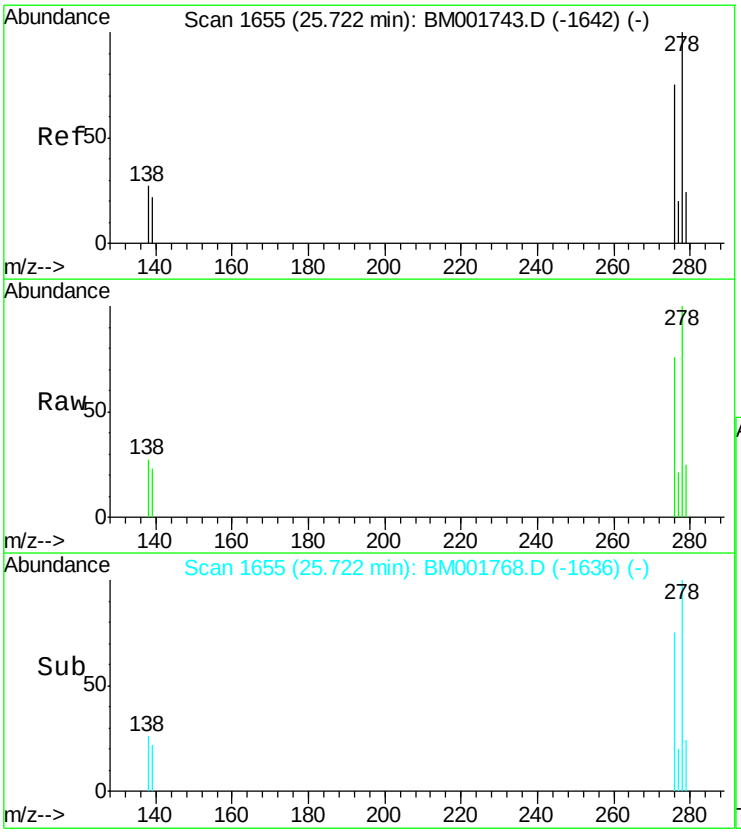
#35
Benzo(a)pyrene
Concen: 0.97 ng
RT: 23.37 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 11053

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	17.2	14.1	21.1

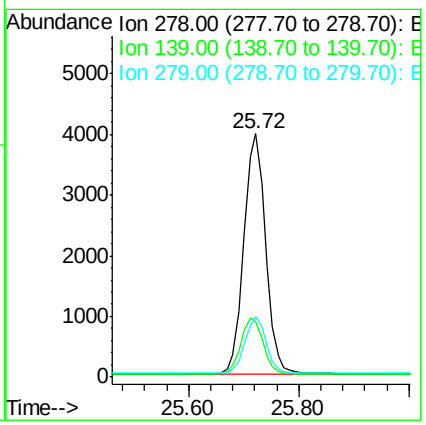


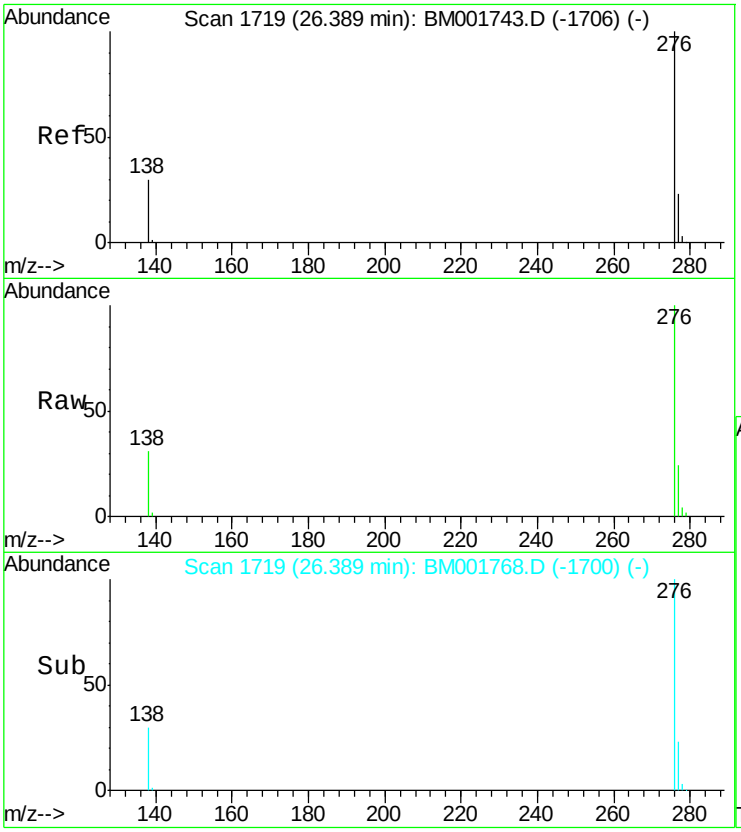


#36
Dibenzo(a,h)anthracene
Concen: 0.98 ng
RT: 25.72 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion:278 Resp: 11044

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.4	27.6
279	24.9	19.8	29.8





#37
Benzo(g,h,i)perylene
Concen: 0.97 ng
RT: 26.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 11570

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	30.8	24.7	37.1