Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
Data File : BM004571.D
Acq On : 06 Mar 2016 00:07
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001EC

Quant Time: Mar 07 07:57:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 07:54:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28236	5.00	ng		0.00
7) Naphthalene-d8	10.06	136	107123	5.00	ng		0.00
13) Acenaphthene-d10	13.96	164	55915	5.00	ng		-0.02
19) Phenanthrene-d10	16.74	188	128032	5.00	ng		0.00
25) Chrysene-d12	20.97	240	127514	5.00	ng		-0.01
34) Perylene-d12	23.08	264	116967	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.02	112	5543	0.83	ng		0.02
5) Phenol-d6	6.63	99	6744	0.84	ng		0.00
8) Nitrobenzene-d5	8.48	82	4882	0.85	ng		0.00
14) 2,4,6-Tribromophenol	15.51	330	1687	0.86	ng		0.00
15) 2-Fluorobiphenyl	12.59	172	17082	0.99	ng		0.00
28) Terphenyl-d14	19.40	244	16444	0.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	2731	0.95	ng	#	100
3) n-Nitrosodimethylamine	3.20	42	1882	0.87	ng	#	100
6) bis(2-Chloroethyl)ether	6.76	93	5834	0.86	ng	#	18
9) Nitrobenzene	8.52	77	5324	0.84	ng	#	100
10) Naphthalene	10.11	128	24403	1.00	ng		97
11) Hexachlorobutadiene	10.39	225	4240	0.92	ng	#	100
12) 2-Methylnaphthalene	11.75	142	15098	0.88	ng		96
16) Acenaphthylene	13.69	152	25601	0.94	ng	#	44
17) Acenaphthene	14.02	154	16385	1.05	ng	#	58
18) Fluorene	15.04	166	20274	0.92	ng	#	77
20) Hexachlorobenzene	16.05	284	5750	1.05	ng	#	100
21) Pentachlorophenol	16.48	266	313	0.61	ng		93
22) Phenanthrene	16.76	178	30854	1.17	ng	#	100
23) Anthracene	16.86	178	29517	1.07	ng	#	100
24) Fluoranthene	18.82	202	36947	1.07	ng		96
26) Benzidine	19.06	184	6581	1.10	ng	#	89
27) Pyrene	19.20	202	39231	0.89	ng	#	84
29) Benzo(a)anthracene	21.01	228	33044	0.83	ng		95
30) 3,3'-Dichlorobenzidine	20.93	252	11315	0.88	ng		94
31) Chrysene	21.01	228	35438	0.92	ng		93
32) Bis(2-ethylhexyl)phthalate	20.89	149	24733	0.86	ng	#	56
33) Indeno(1,2,3-cd)pyrene	25.16	276	32958	0.90	ng	#	81
35) Benzo(a)pyrene	22.99	252	32456	0.90	ng		99
36) Dibenzo(a,h)anthracene	25.16	278	25633	0.86	ng		99
37) Benzo(g,h,i)perylene	25.79	276	28650	0.87	ng		100

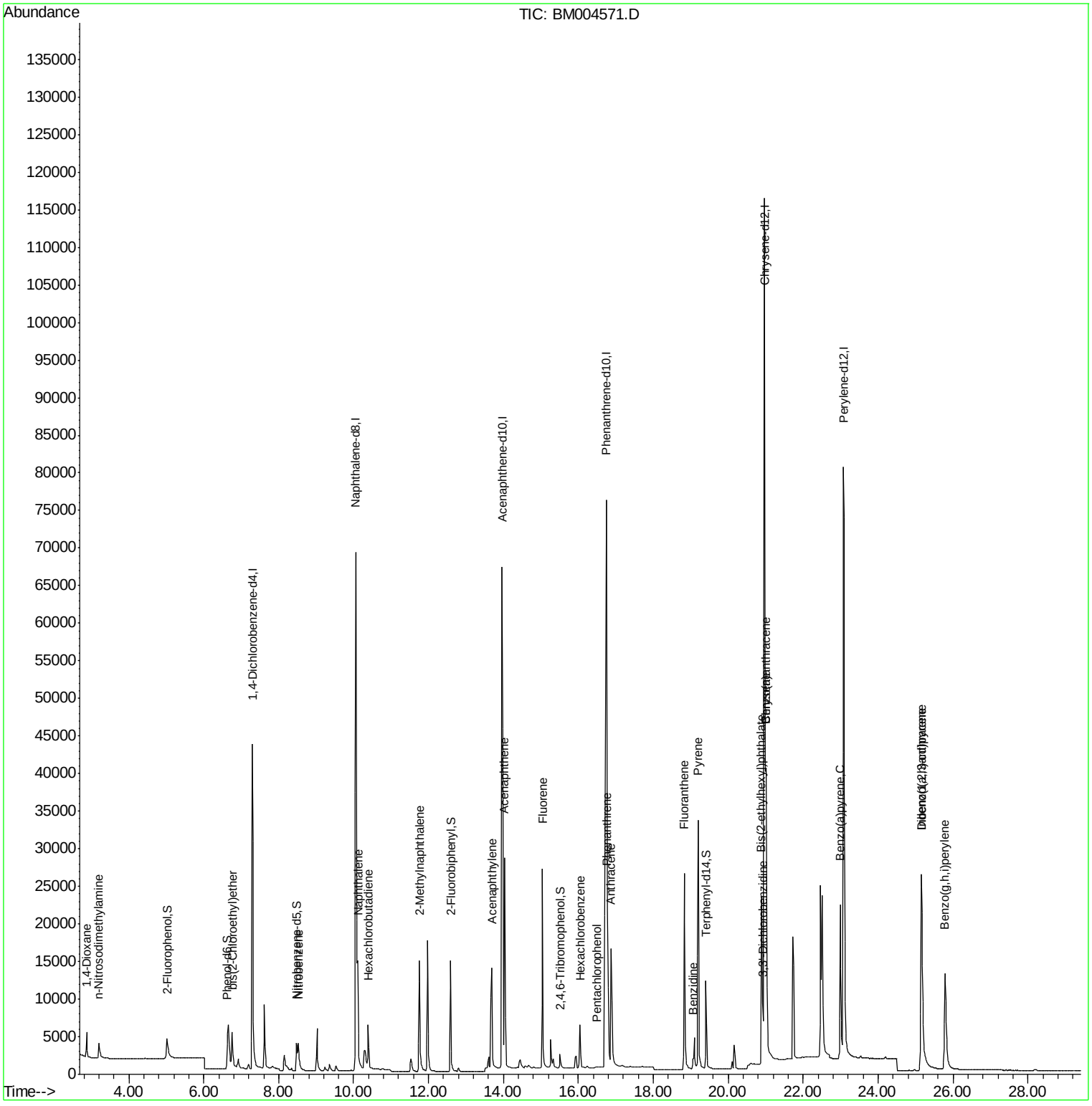
(#) = qualifier out of range (m) = manual integration (+) = signals summed

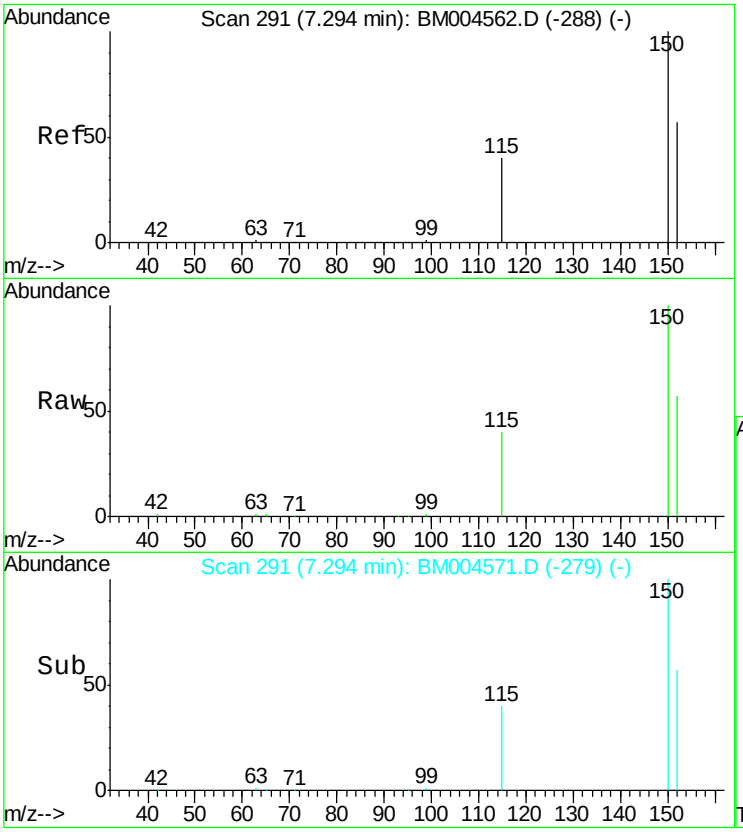
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
Data File : BM004571.D
Acq On : 06 Mar 2016 00:07
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001EC

Quant Time: Mar 07 07:57:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 07:54:56 2016
Response via : Initial Calibration



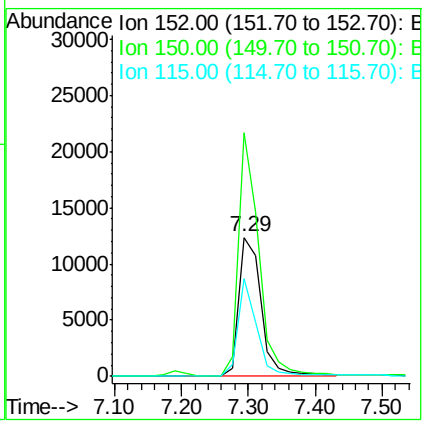


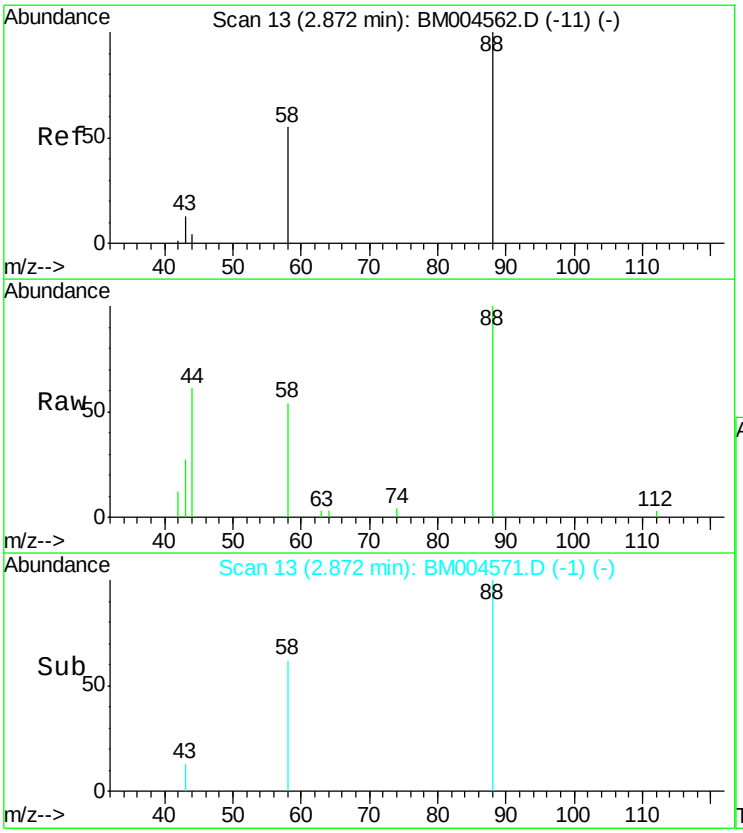
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.29 min Scan# 291
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 28236

Ion	Ratio	Lower	Upper
152	100		
150	175.4	140.1	210.1
115	70.5	56.1	84.1

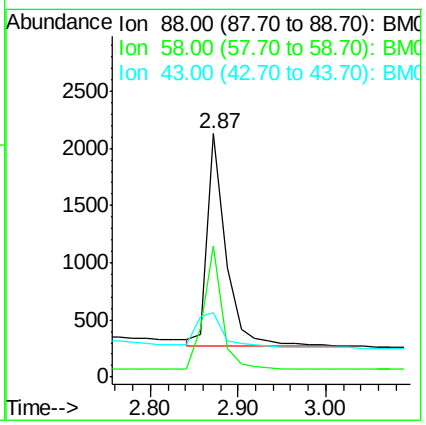


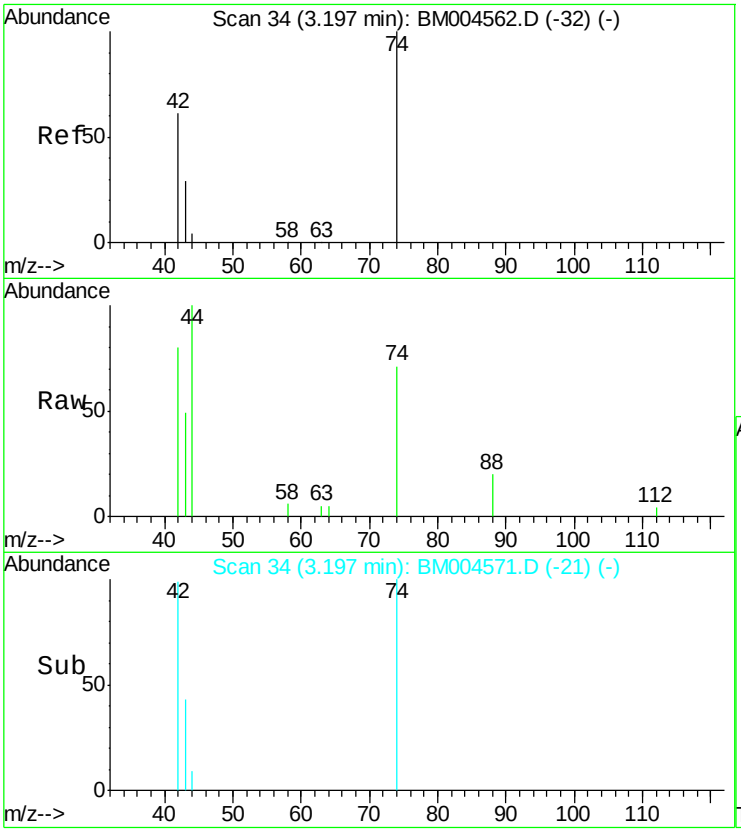


#2
1,4-Dioxane
Concen: 0.95 ng
RT: 2.87 min Scan# 13
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion: 88 Resp: 2731

Ion	Ratio	Lower	Upper
88	100		
58	58.7	0.0	0.0#
43	27.5	0.0	0.0#



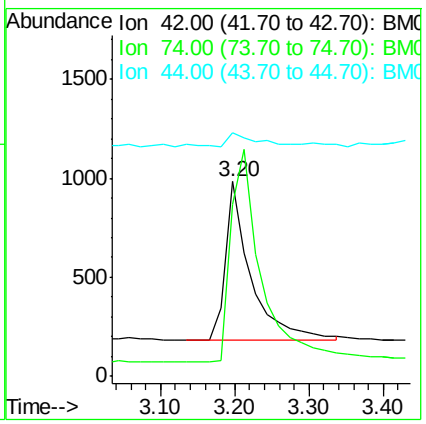


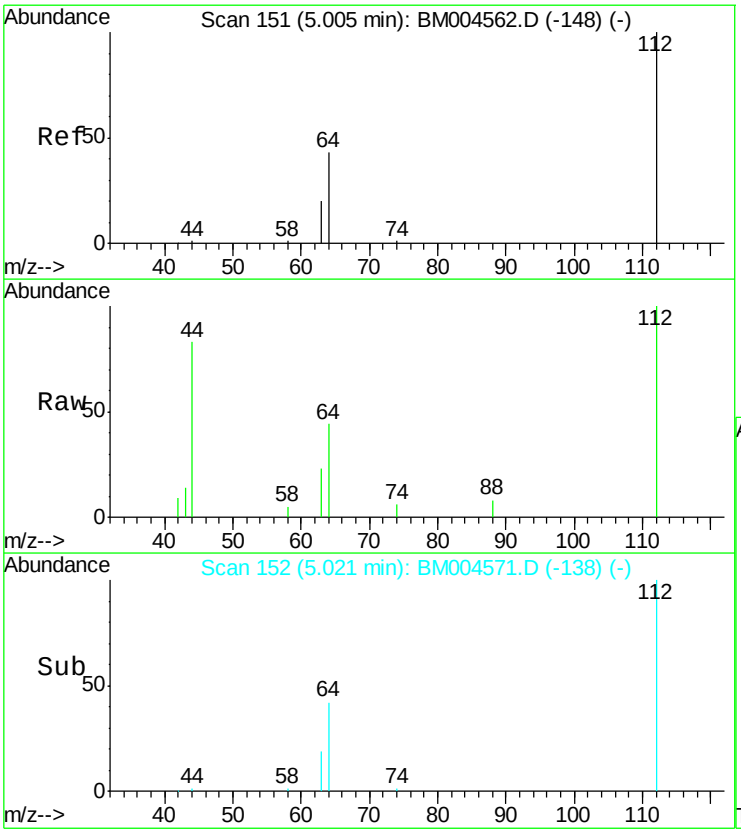
#3
n-Nitrosodimethylamine
Concen: 0.87 ng
RT: 3.20 min Scan# 34
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 1882

Ion	Ratio	Lower	Upper
42	100		
74	161.8	0.0	0.0#
44	8.0	0.0	0.0#

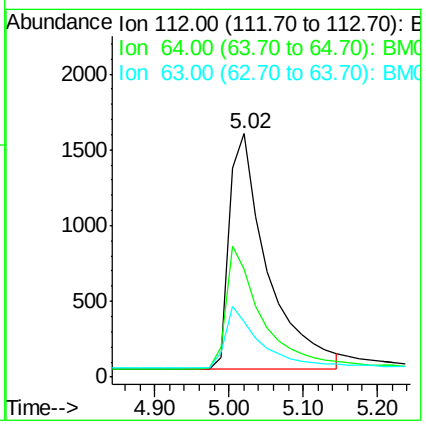


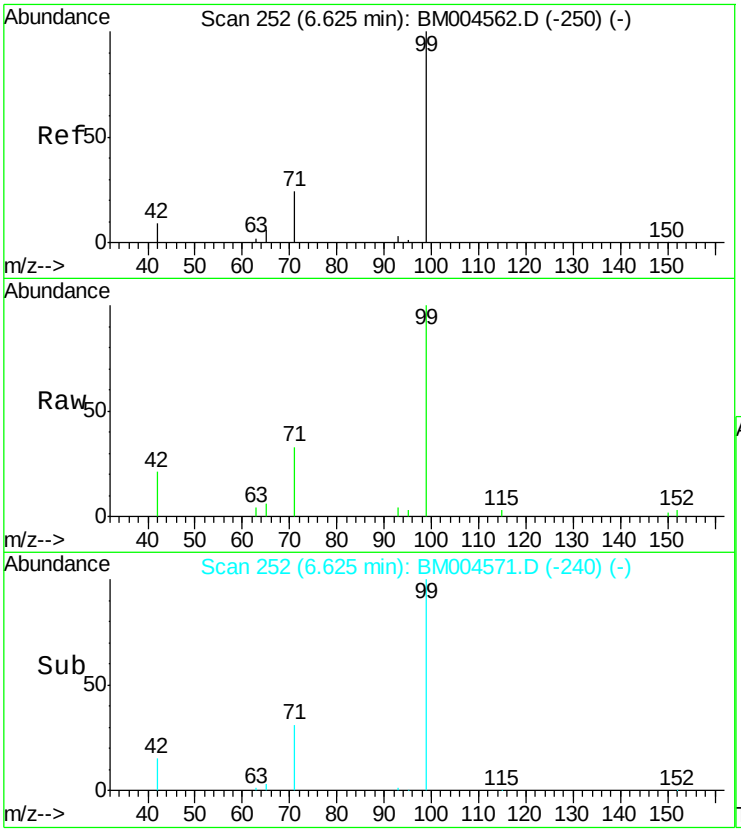


#4
2-Fluorophenol
Concen: 0.83 ng
RT: 5.02 min Scan# 152
Delta R.T. 0.02 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:112 Resp: 5543

Ion	Ratio	Lower	Upper
112	100		
64	48.1	0.0	0.0#
63	23.7	0.0	0.0#



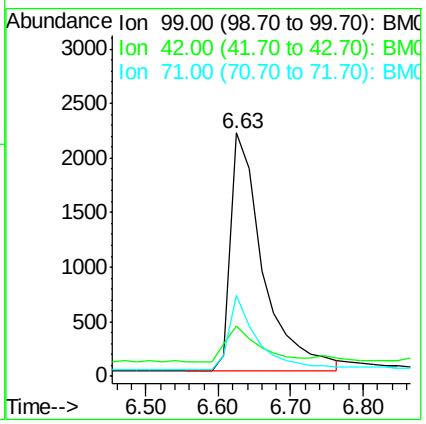


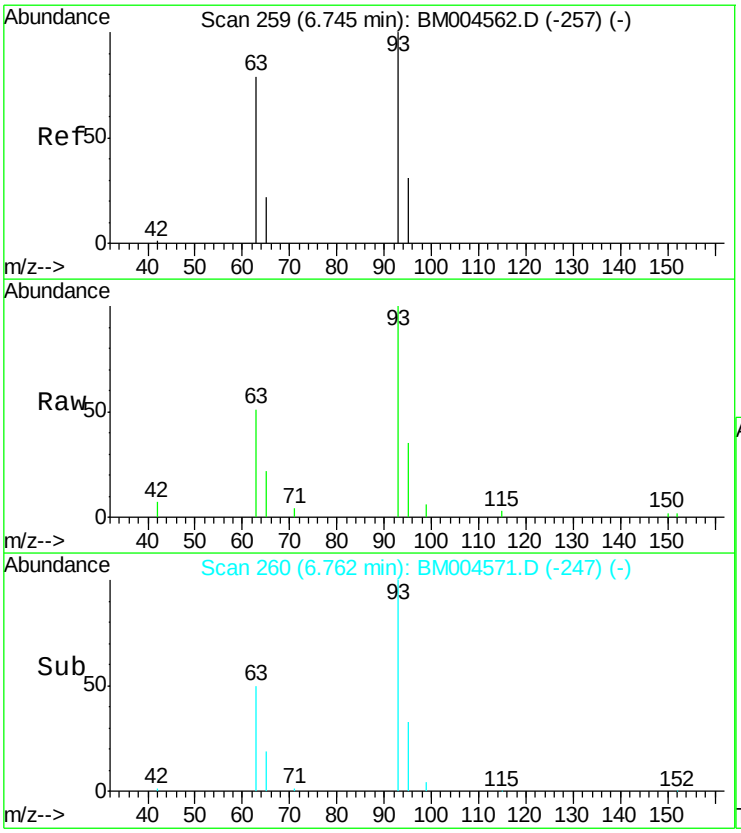
#5
Phenol-d6
Concen: 0.84 ng
RT: 6.63 min Scan# 252
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 6744

Ion	Ratio	Lower	Upper
99	100		
42	15.7	0.0	0.0#
71	27.4	0.2	0.2#

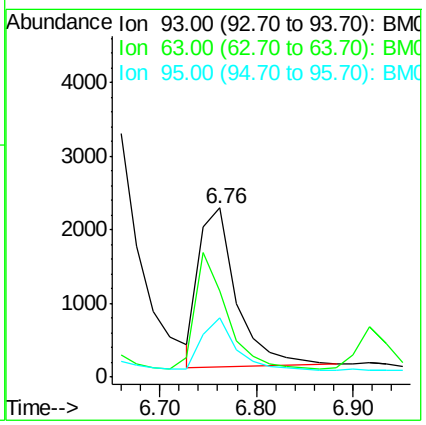


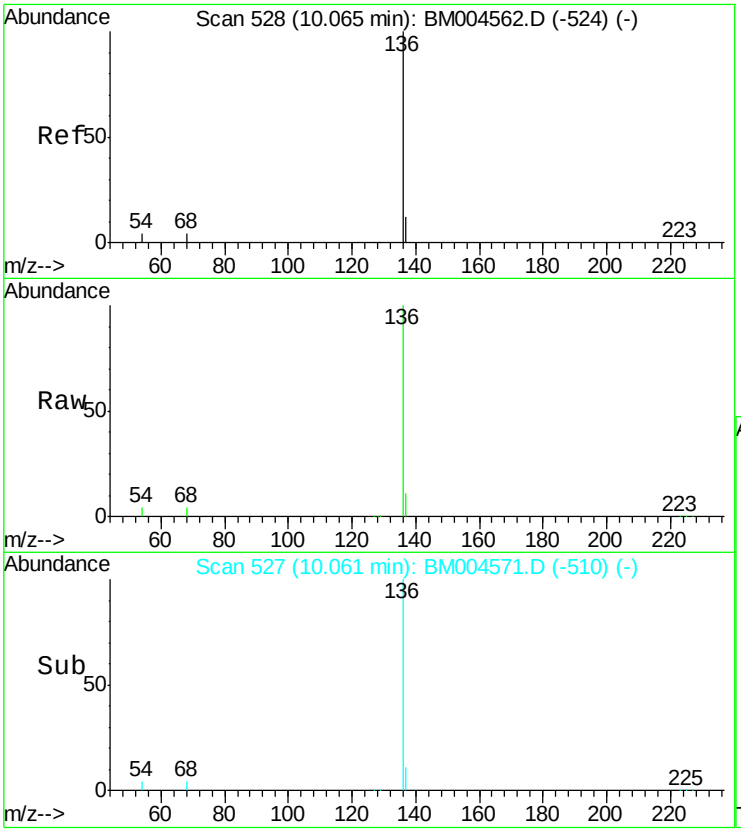


#6
bis(2-Chloroethyl)ether
Concen: 0.86 ng
RT: 6.76 min Scan# 260
Delta R.T. 0.02 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion: 93 Resp: 5834

Ion	Ratio	Lower	Upper
93	100		
63	63.6	18.7	28.1#
95	30.5	0.0	0.0#



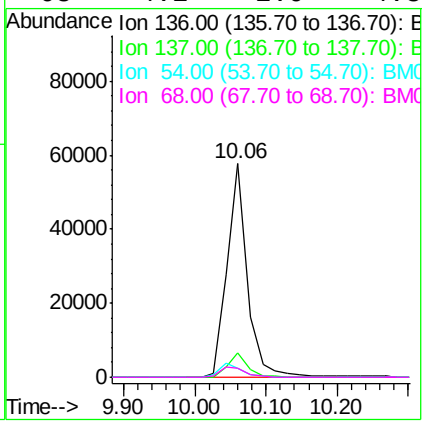


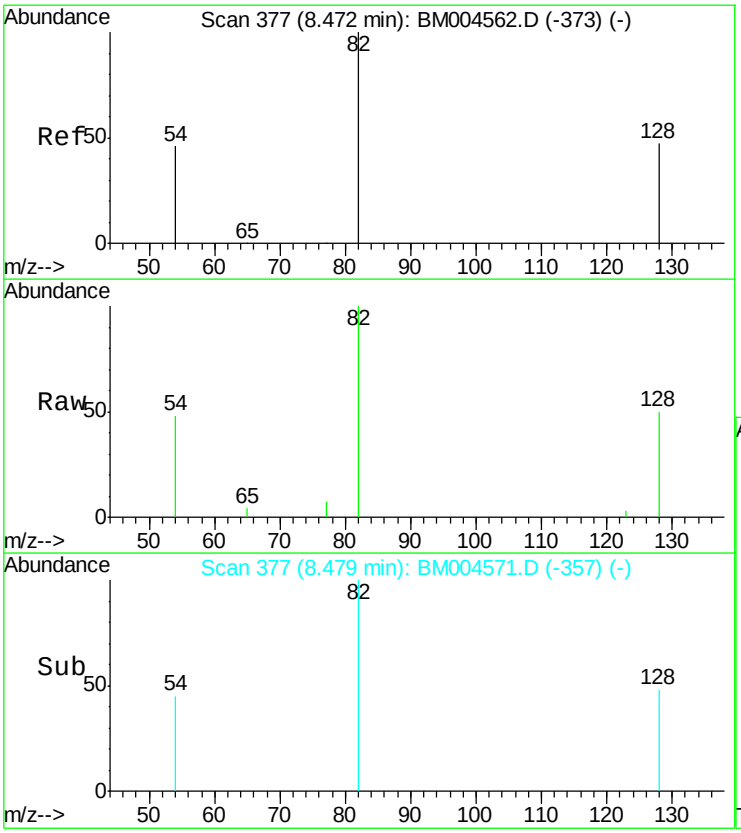
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.06 min Scan# 527
Delta R.T. -0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:136 Resp: 107123

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	4.5	3.0	4.4#
68	4.2	2.9	4.3

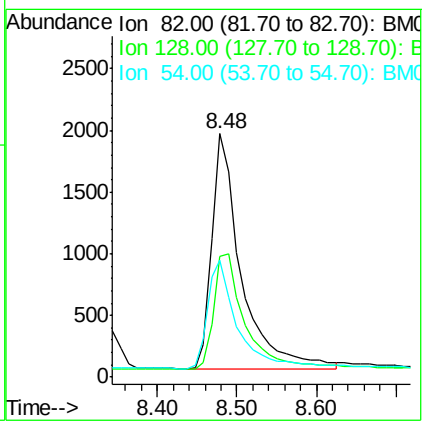


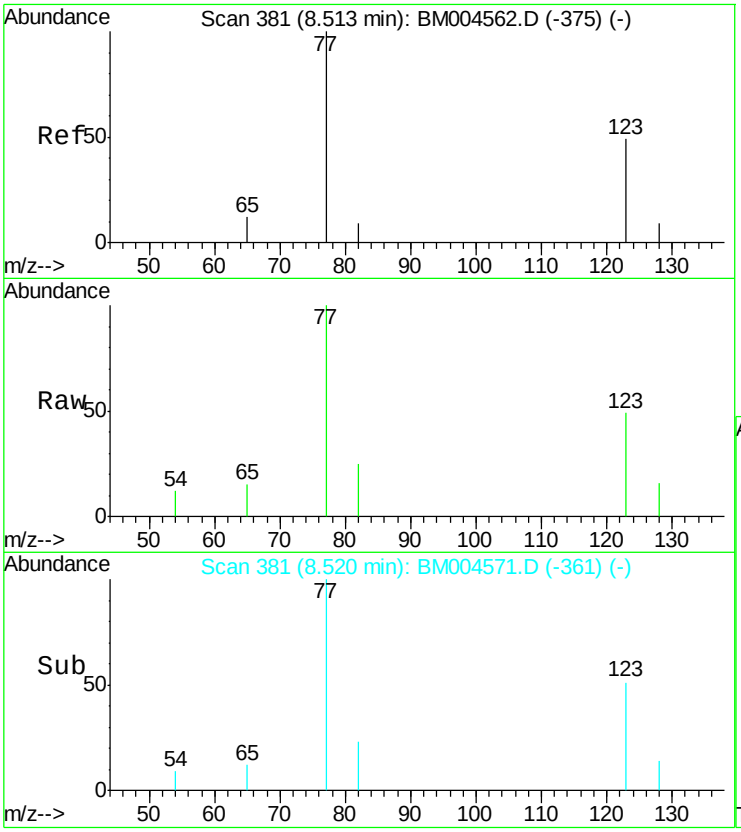


#8
Nitrobenzene-d5
Concen: 0.85 ng
RT: 8.48 min Scan# 377
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion: 82 Resp: 4882

Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.6	58.0
54	47.9	38.5	57.7



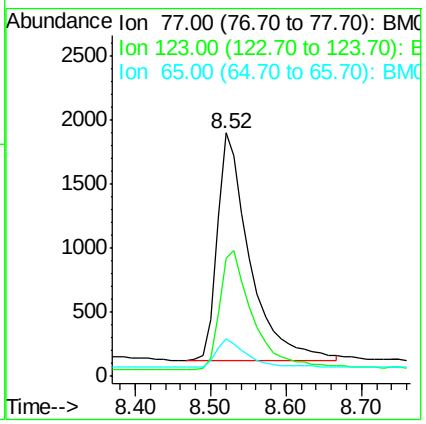


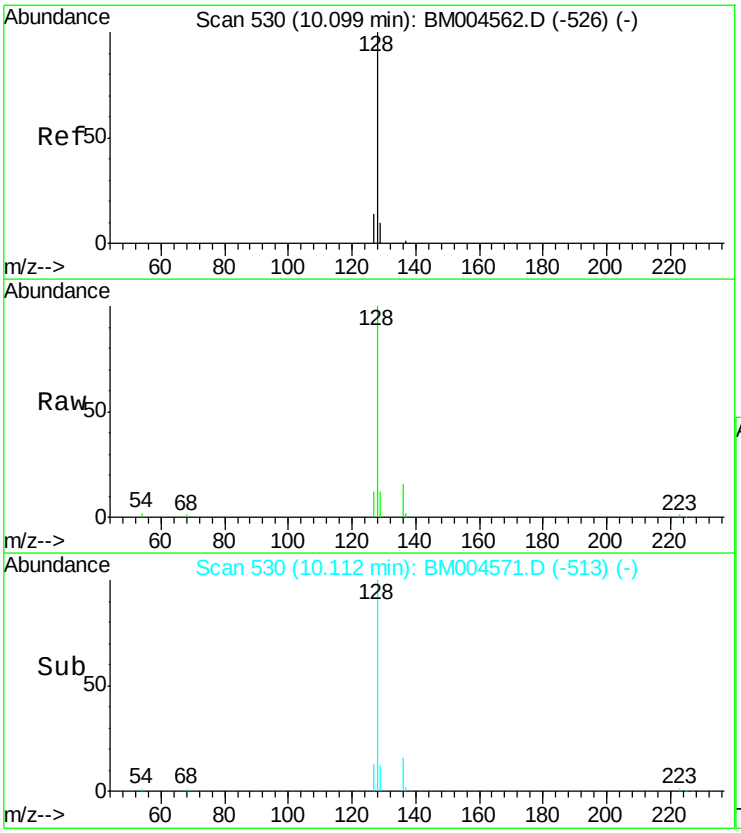
#9
Nitrobenzene
Concen: 0.84 ng
RT: 8.52 min Scan# 381
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 77 Resp: 5324

Ion	Ratio	Lower	Upper
77	100		
123	54.8	0.0	0.0#
65	12.2	0.0	0.0#

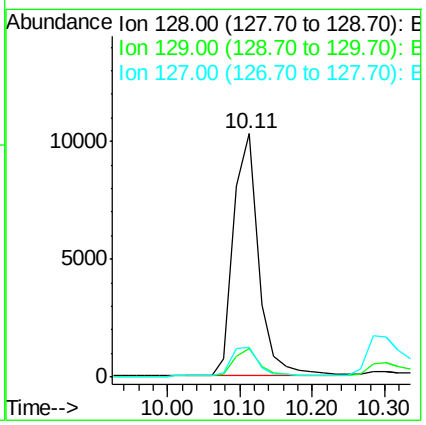


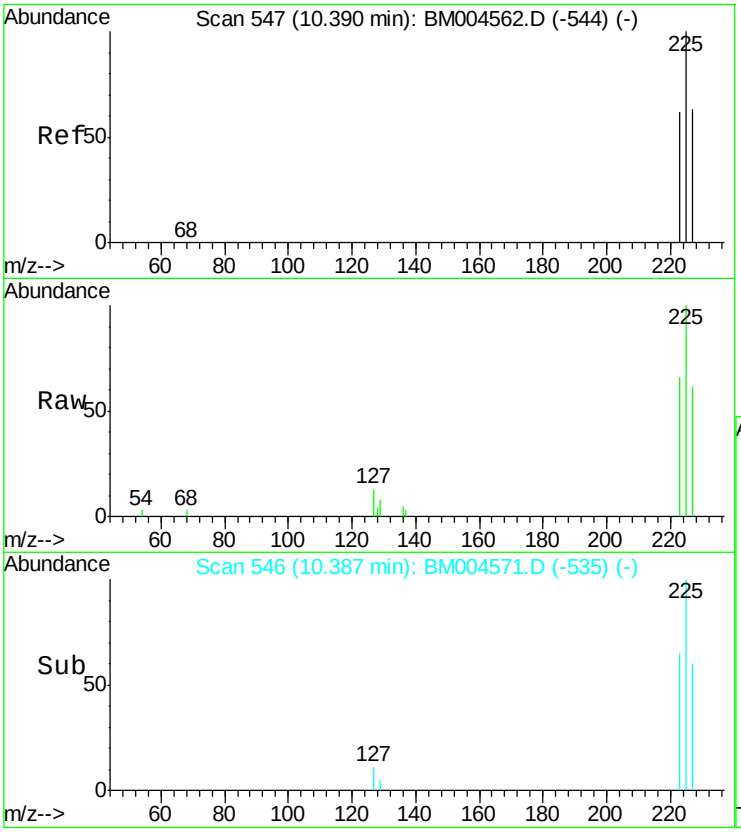


#10
Naphthalene
Concen: 1.00 ng
RT: 10.11 min Scan# 530
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:128 Resp: 24403

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	12.4	11.3	16.9



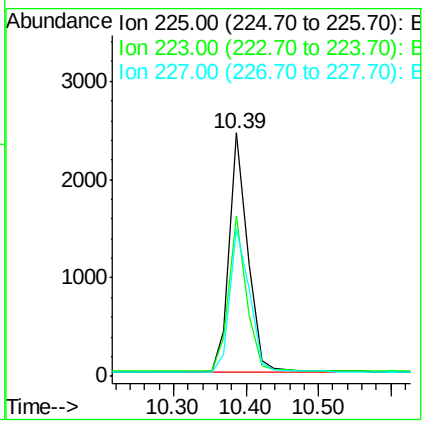


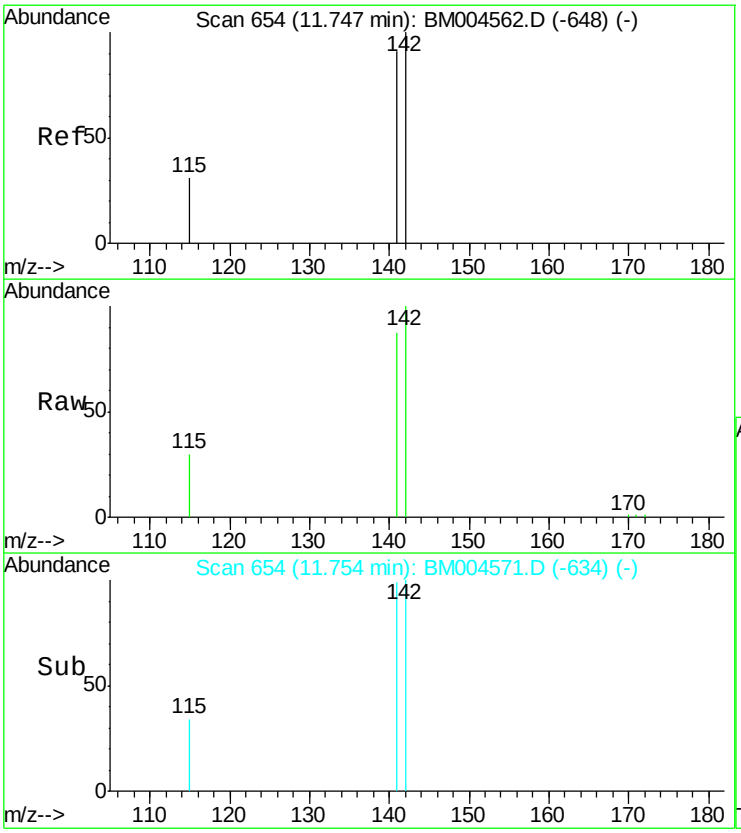
#11
Hexachlorobutadiene
Concen: 0.92 ng
RT: 10.39 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:225 Resp: 4240

Ion	Ratio	Lower	Upper
225	100		
223	63.5	0.0	0.0#
227	63.6	0.0	0.0#

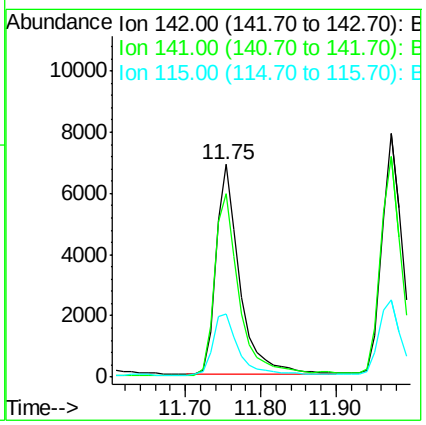


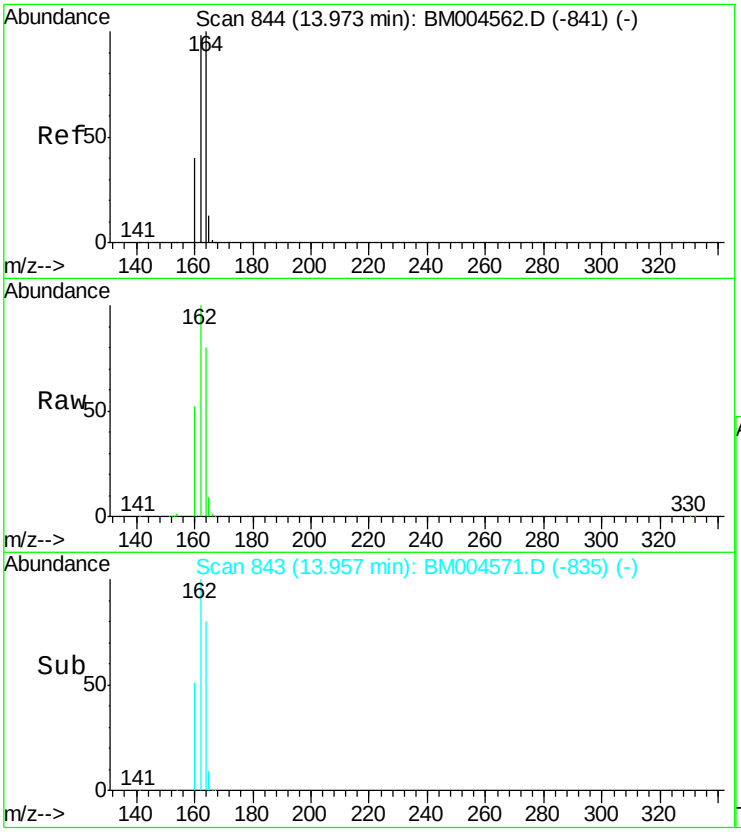


#12
2-Methylnaphthalene
Concen: 0.88 ng
RT: 11.75 min Scan# 654
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:142 Resp: 15098

Ion	Ratio	Lower	Upper
142	100		
141	86.6	72.3	108.5
115	29.9	25.4	38.2



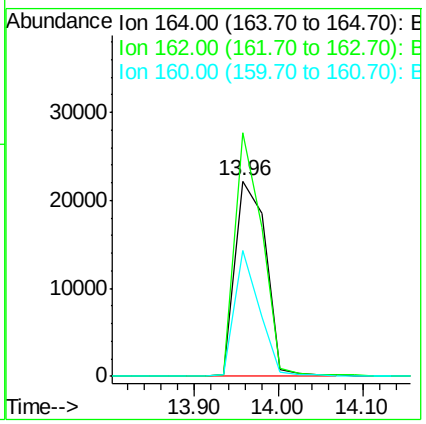


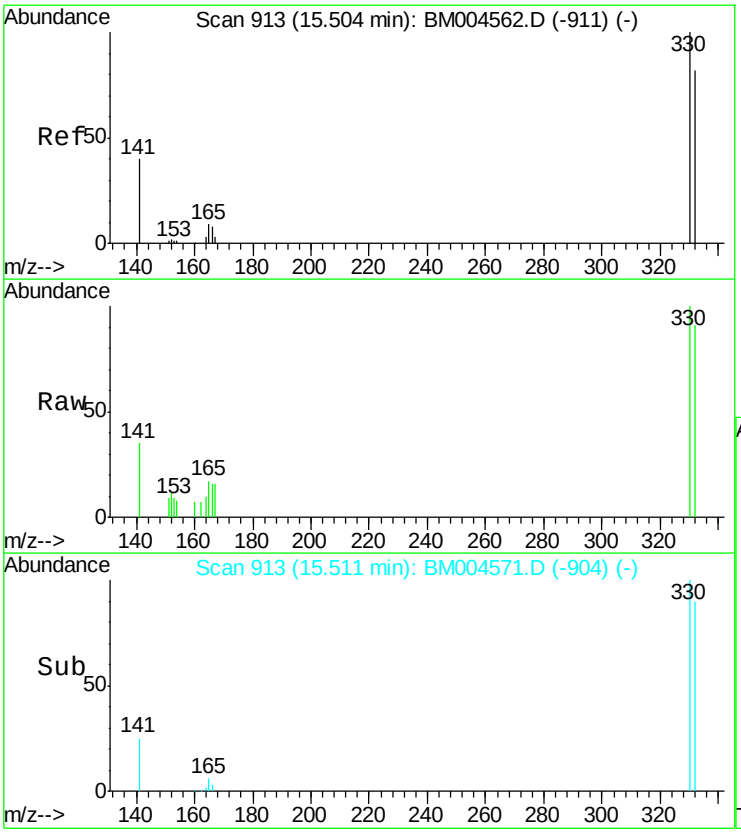
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.96 min Scan# 843
Delta R.T. -0.02 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:164 Resp: 55915

Ion	Ratio	Lower	Upper
164	100		
162	124.7	78.2	117.2#
160	64.2	31.9	47.9#

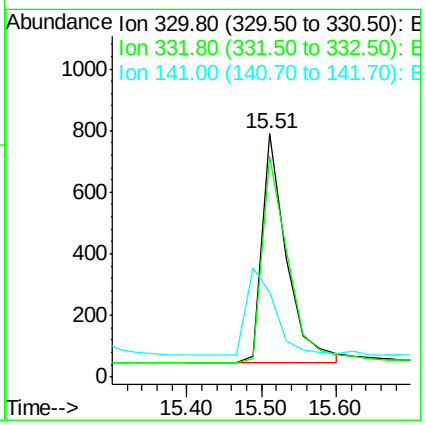


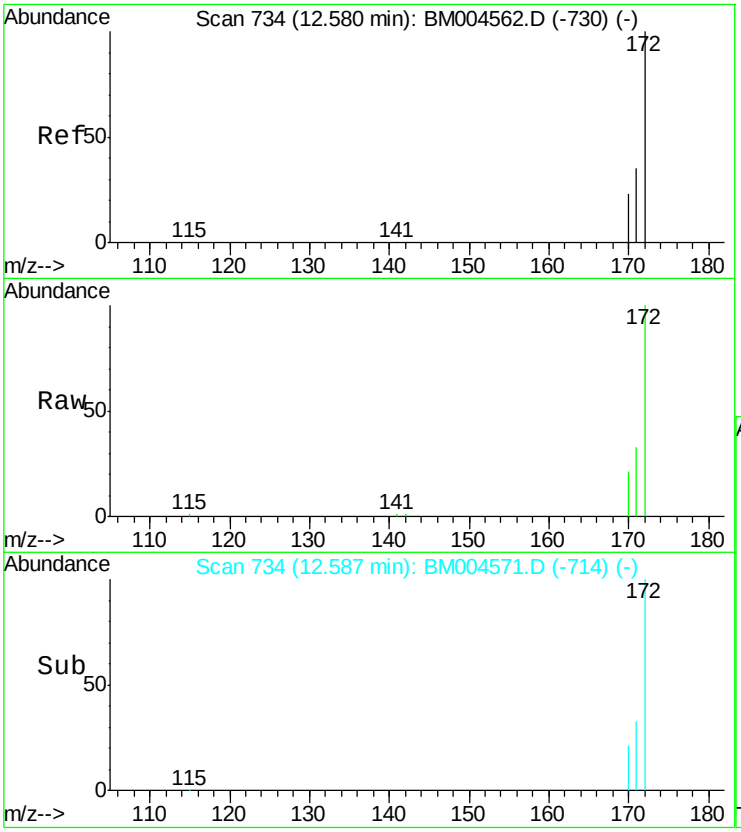


#14
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 15.51 min Scan# 913
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:330 Resp: 1687

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	0.0	0.0	0.0



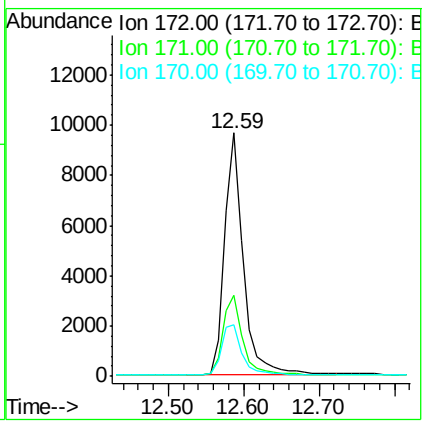


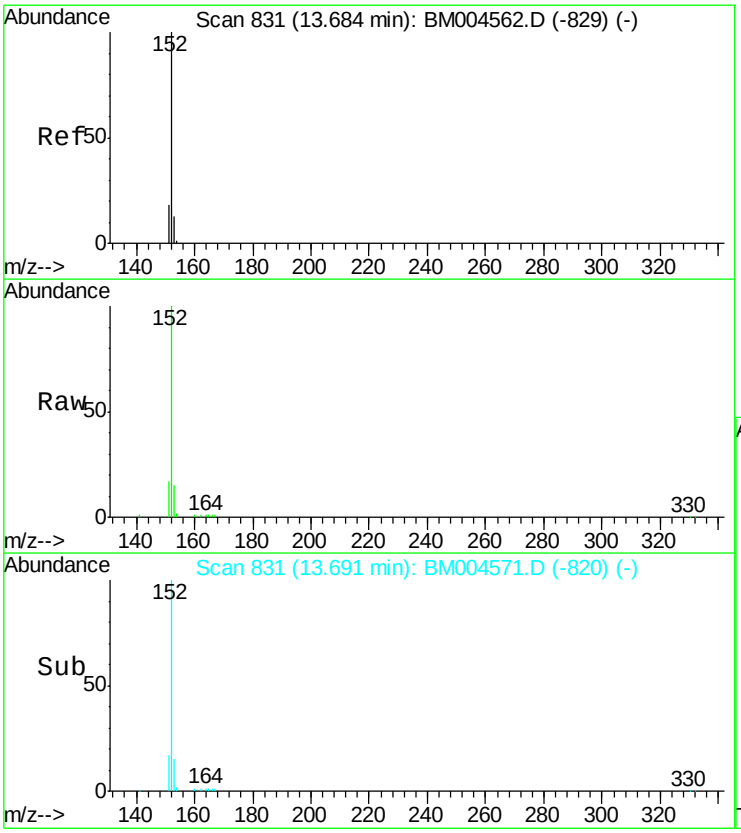
#15
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 12.59 min Scan# 734
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:172 Resp: 17082

Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.6	42.8
170	21.0	19.1	28.7

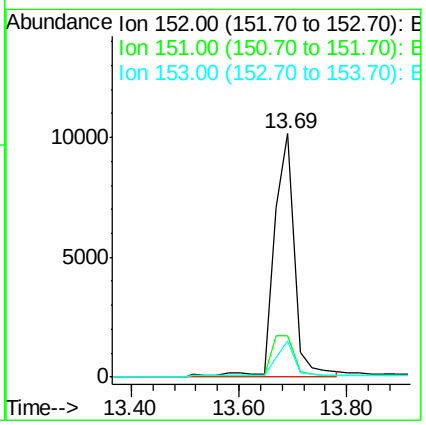


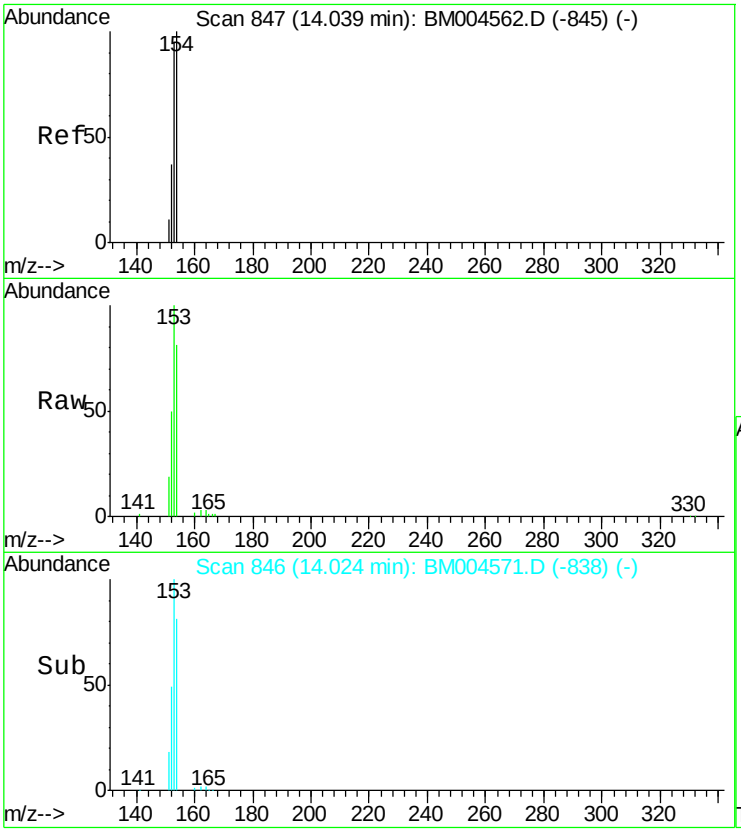


#16
Acenaphthylene
Concen: 0.94 ng
RT: 13.69 min Scan# 831
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:152 Resp: 25601

Ion	Ratio	Lower	Upper
152	100		
151	21.7	9.2	13.8#
153	16.3	51.4	77.0#



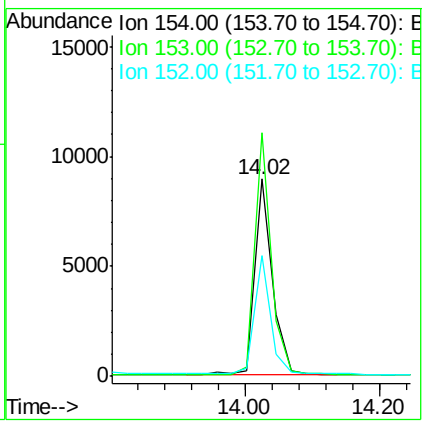


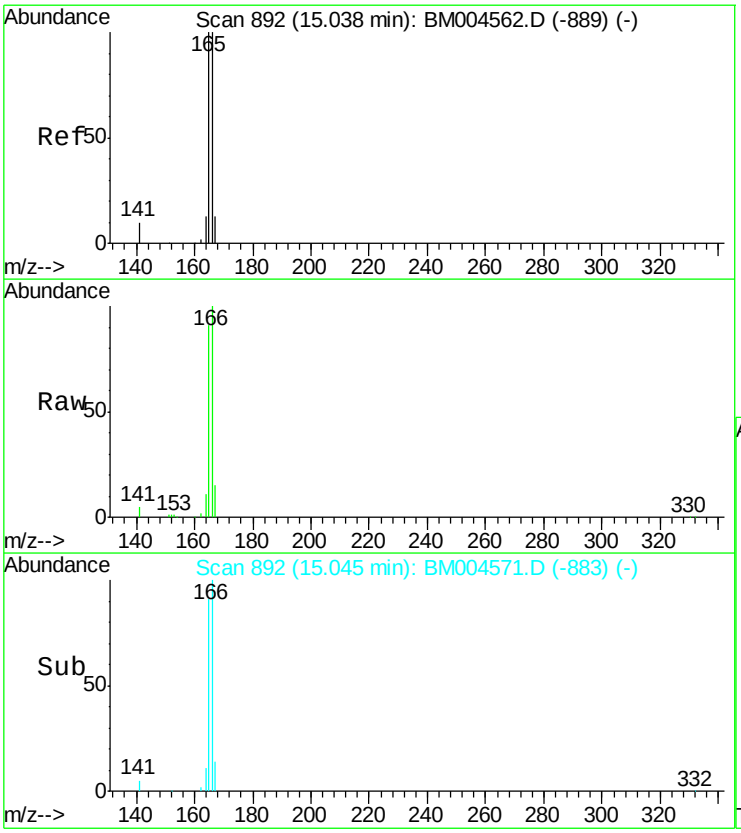
#17
Acenaphthene
Concen: 1.05 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.02 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:154 Resp: 16385

Ion	Ratio	Lower	Upper
154	100		
153	114.8	0.0	0.0#
152	54.0	0.2	0.2#

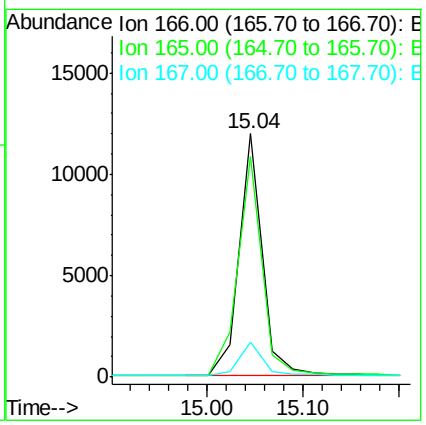


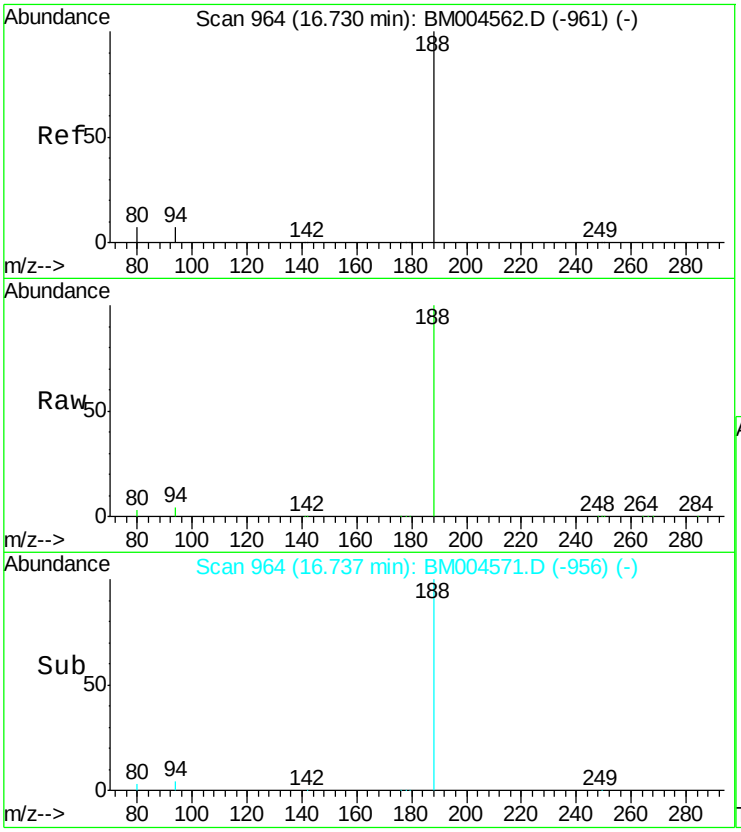


#18
Fluorene
Concen: 0.92 ng
RT: 15.04 min Scan# 892
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:166 Resp: 20274

Ion	Ratio	Lower	Upper
166	100		
165	95.3	0.0	0.0#
167	13.7	20.0	30.0#



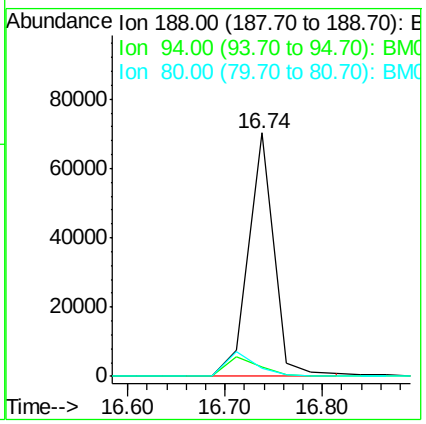


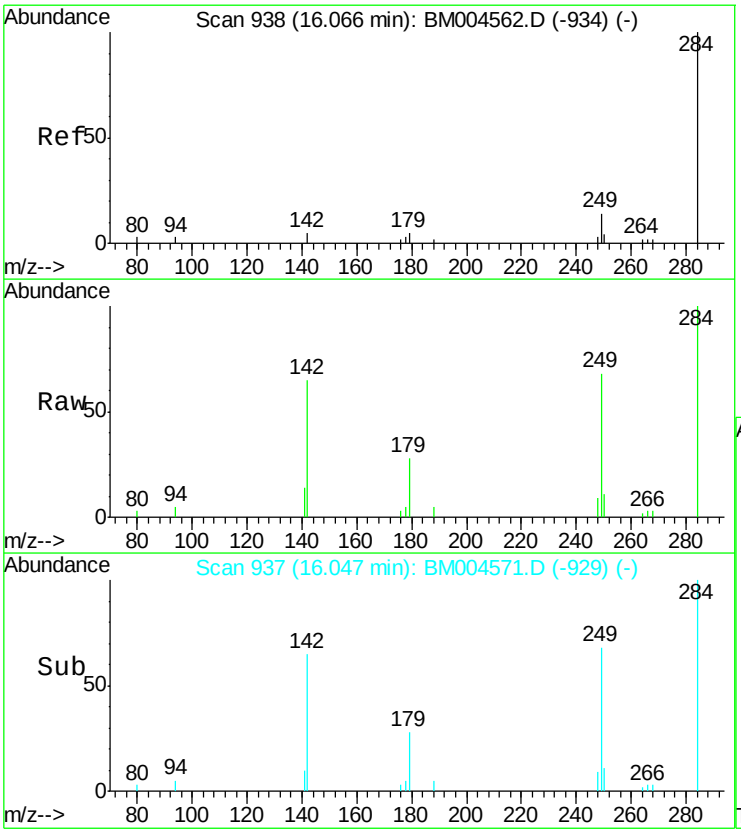
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.74 min Scan# 964
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:188 Resp: 128032

Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.0	9.0#
80	3.4	5.3	7.9#

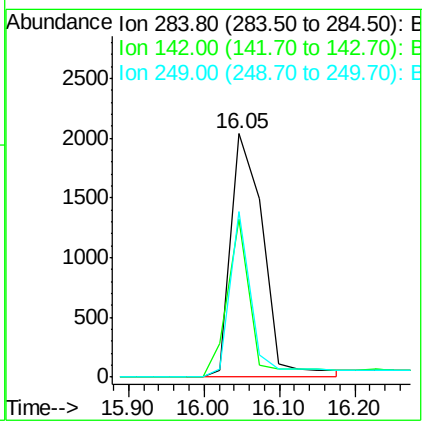


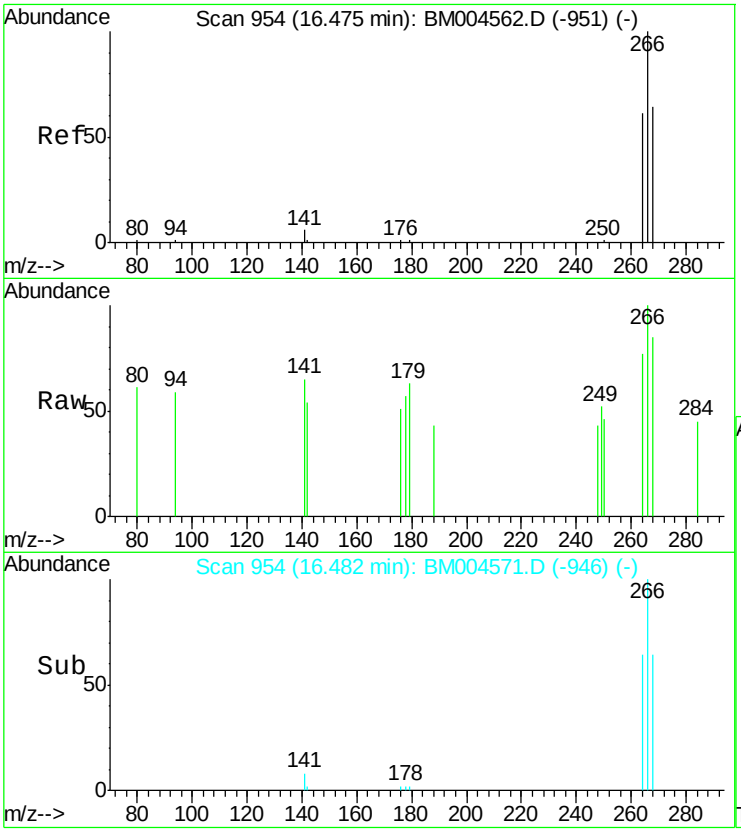


#20
Hexachlorobenzene
Concen: 1.05 ng
RT: 16.05 min Scan# 937
Delta R.T. -0.02 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:284 Resp: 5750

Ion	Ratio	Lower	Upper
284	100		
142	50.5	0.0	0.0#
249	49.2	0.0	0.0#



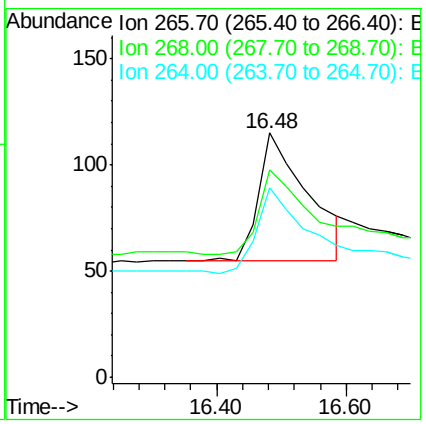


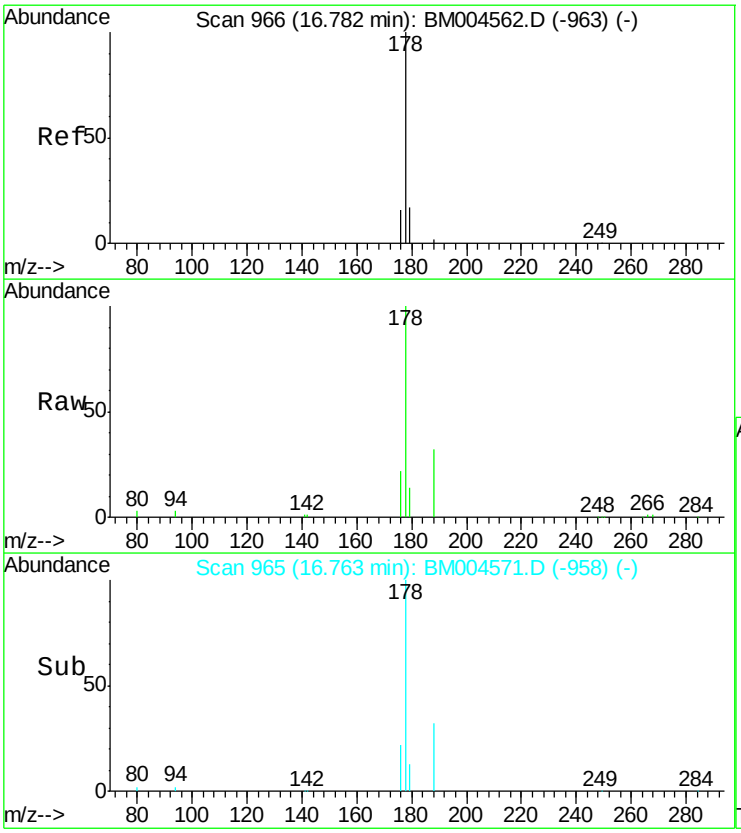
#21
Pentachlorophenol
Concen: 0.61 ng
RT: 16.48 min Scan# 954
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 313

Ion	Ratio	Lower	Upper
266	100		
268	85.2	62.6	94.0
264	77.4	57.4	86.0

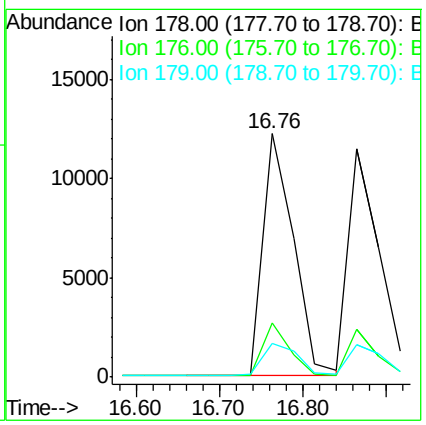


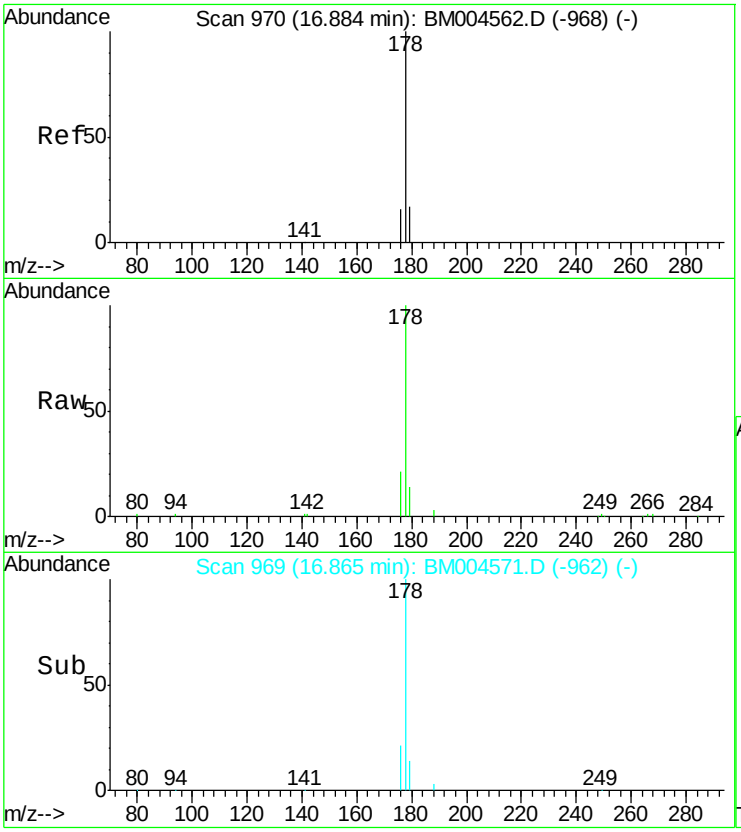


#22
Phenanthrene
Concen: 1.17 ng
RT: 16.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:178 Resp: 30854

Ion	Ratio	Lower	Upper
178	100		
176	19.5	0.0	0.0#
179	15.5	0.0	0.0#



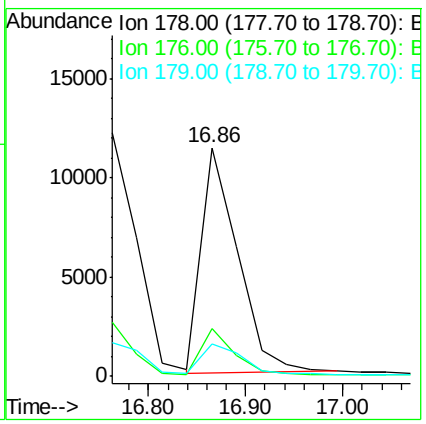


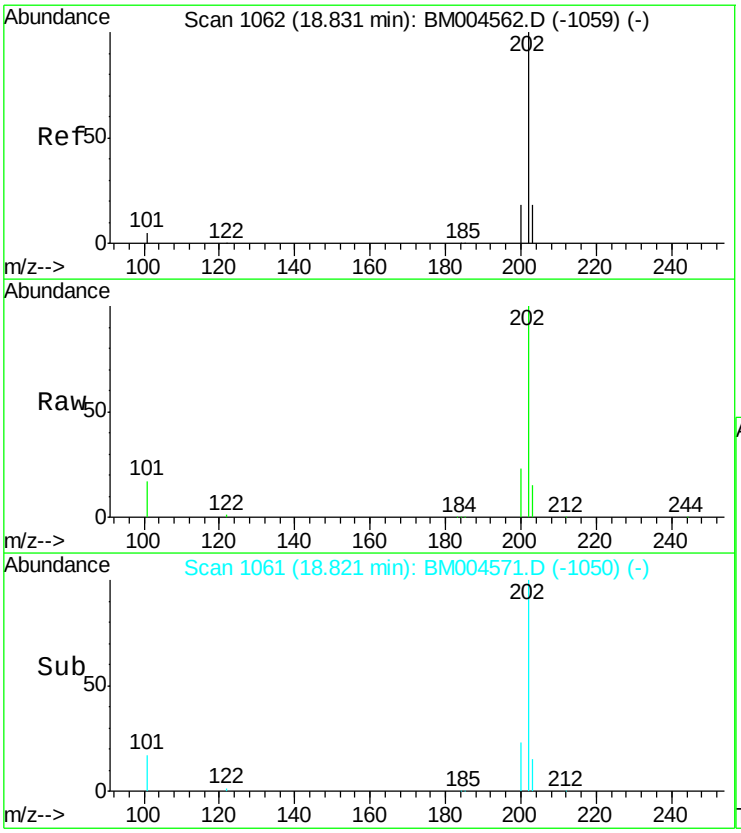
#23
Anthracene
Concen: 1.07 ng
RT: 16.86 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 29517

Ion	Ratio	Lower	Upper
178	100		
176	18.8	0.0	0.0#
179	14.6	0.0	0.0#

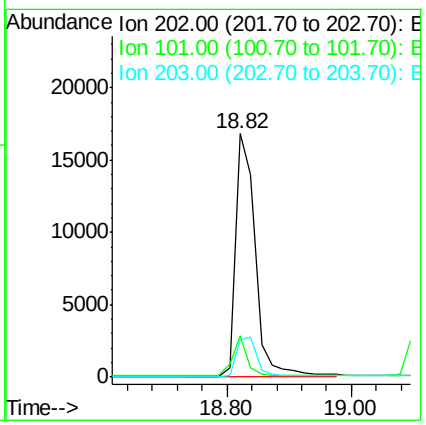


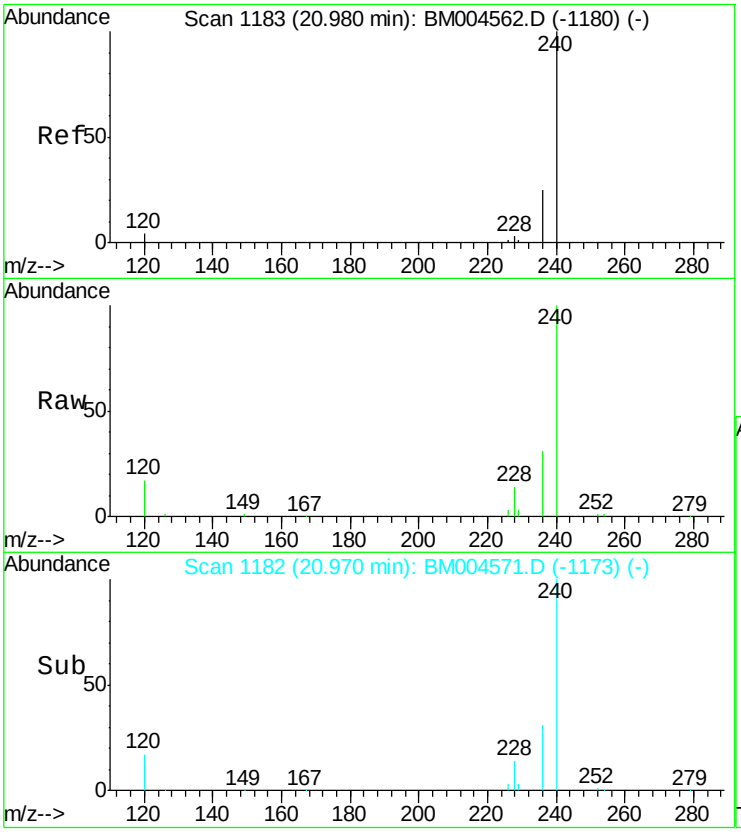


#24
Fluoranthene
Concen: 1.07 ng
RT: 18.82 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:202 Resp: 36947

Ion	Ratio	Lower	Upper
202	100		
101	13.0	12.2	18.4
203	17.2	14.6	21.8



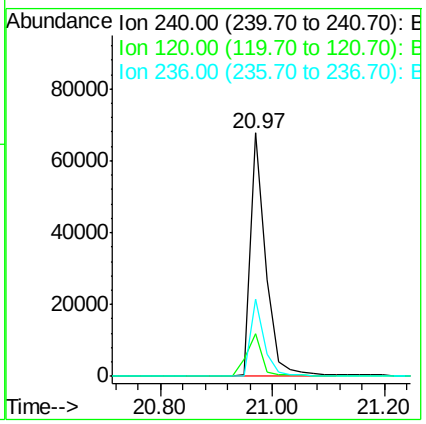


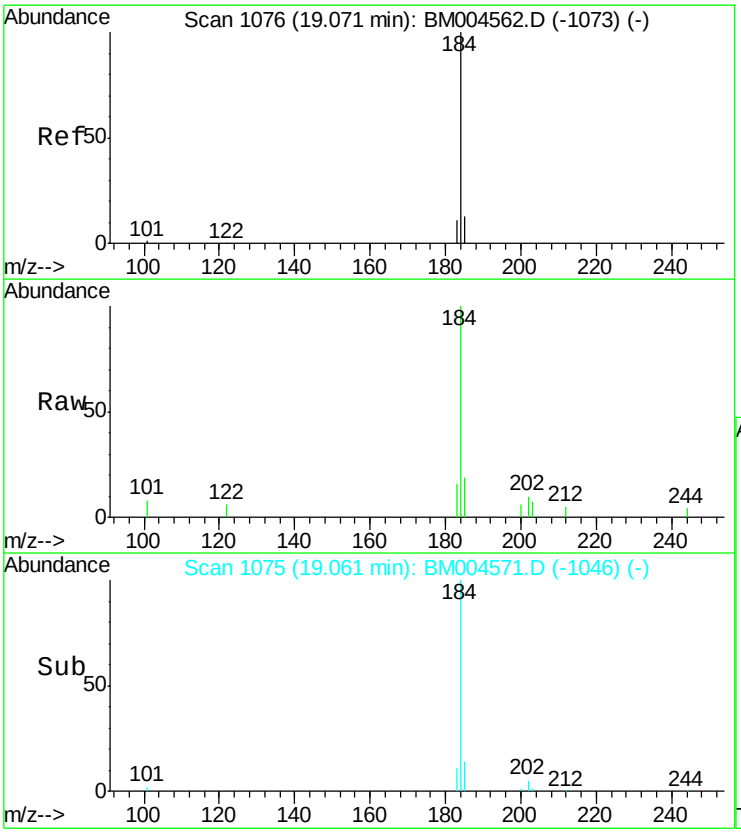
#25
Chrysene-d12
Concen: 5.00 ng
RT: 20.97 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 127514

Ion	Ratio	Lower	Upper
240	100		
120	17.3	3.5	5.3#
236	31.5	20.3	30.5#

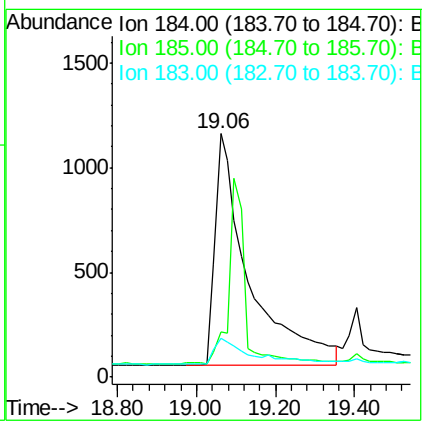


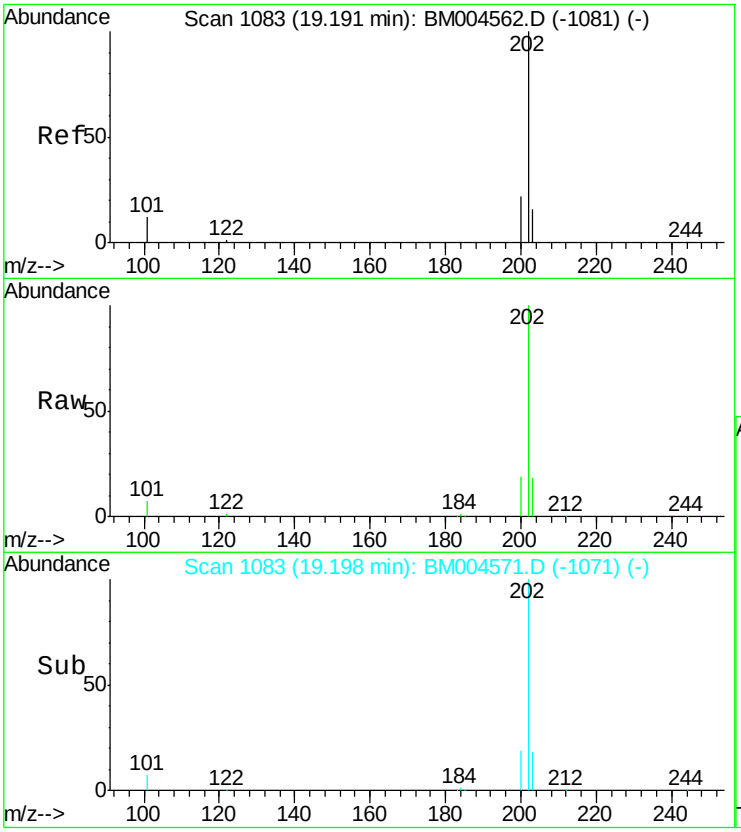


#26
Benzidine
Concen: 1.10 ng
RT: 19.06 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:184 Resp: 6581

Ion	Ratio	Lower	Upper
184	100		
185	18.6	19.4	29.0#
183	15.8	16.5	24.7#



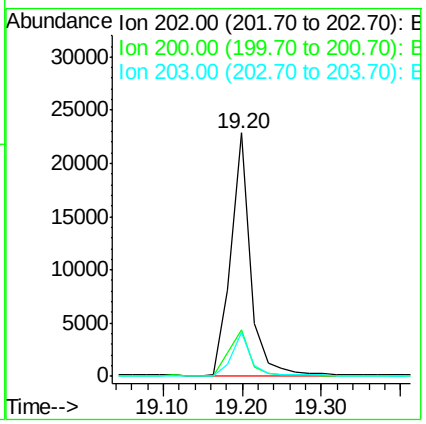


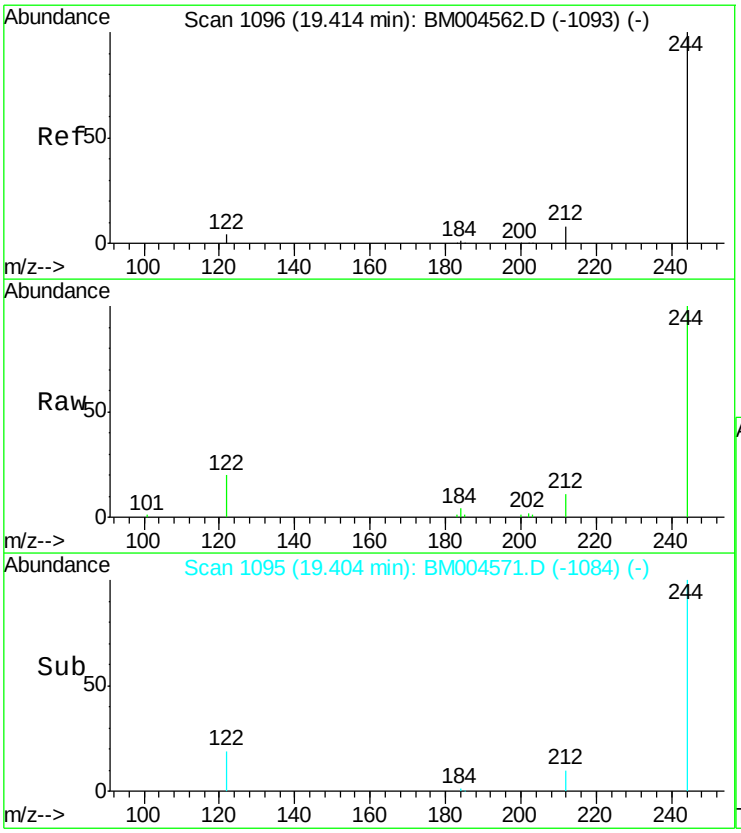
#27
Pyrene
Concen: 0.89 ng
RT: 19.20 min Scan# 1083
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 39231

Ion	Ratio	Lower	Upper
202	100		
200	20.7	0.2	0.2#
203	17.5	0.0	0.0#

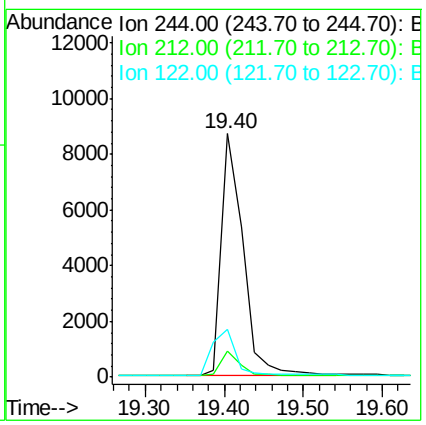


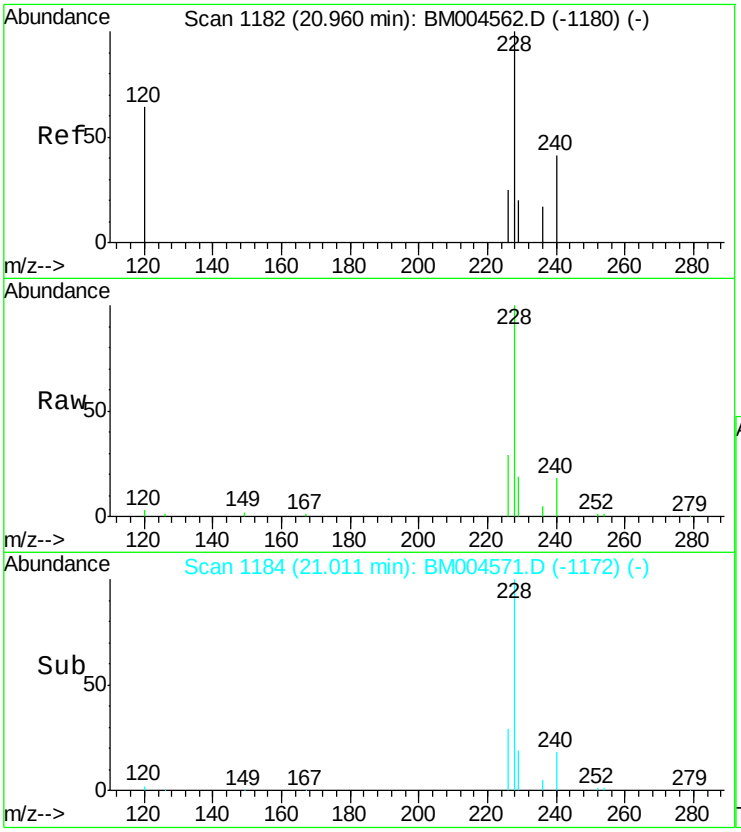


#28
Terphenyl-d14
Concen: 0.88 ng
RT: 19.40 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:244 Resp: 16444

Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.0	10.4#
122	19.7	4.2	6.4#



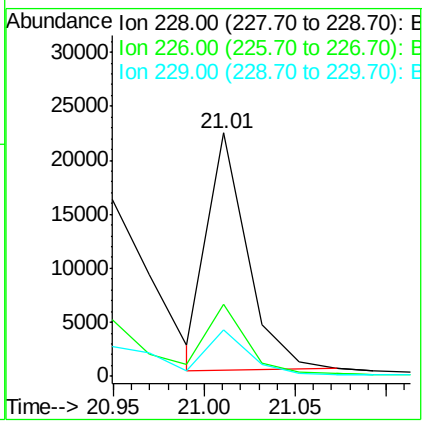


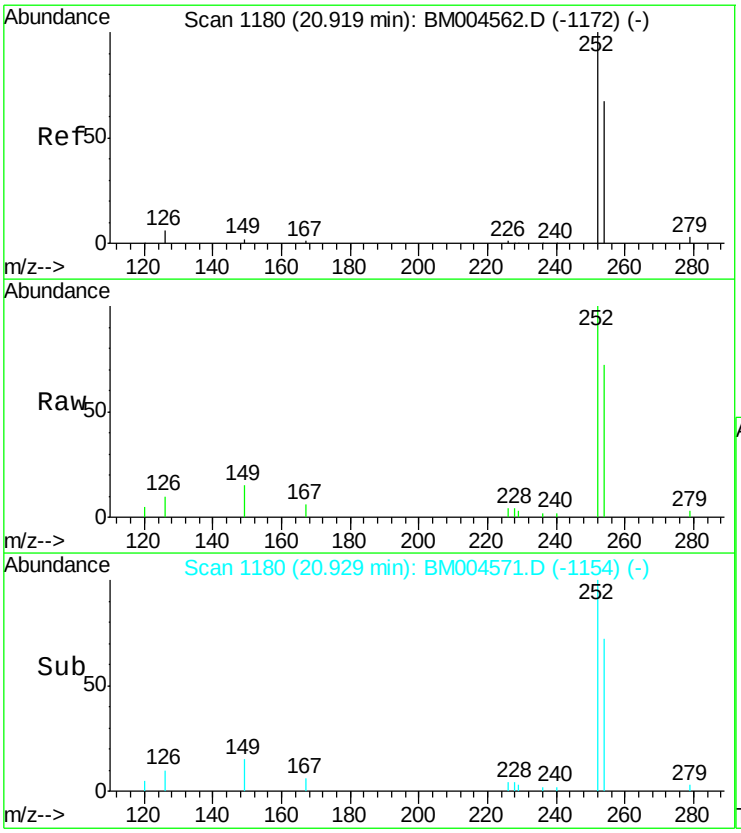
#29
Benzo(a)anthracene
Concen: 0.83 ng
RT: 21.01 min Scan# 1184
Delta R.T. 0.05 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 33044

Ion	Ratio	Lower	Upper
228	100		
226	29.4	20.3	30.5
229	19.3	16.3	24.5

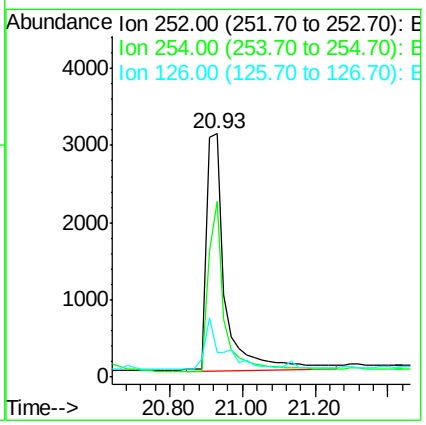


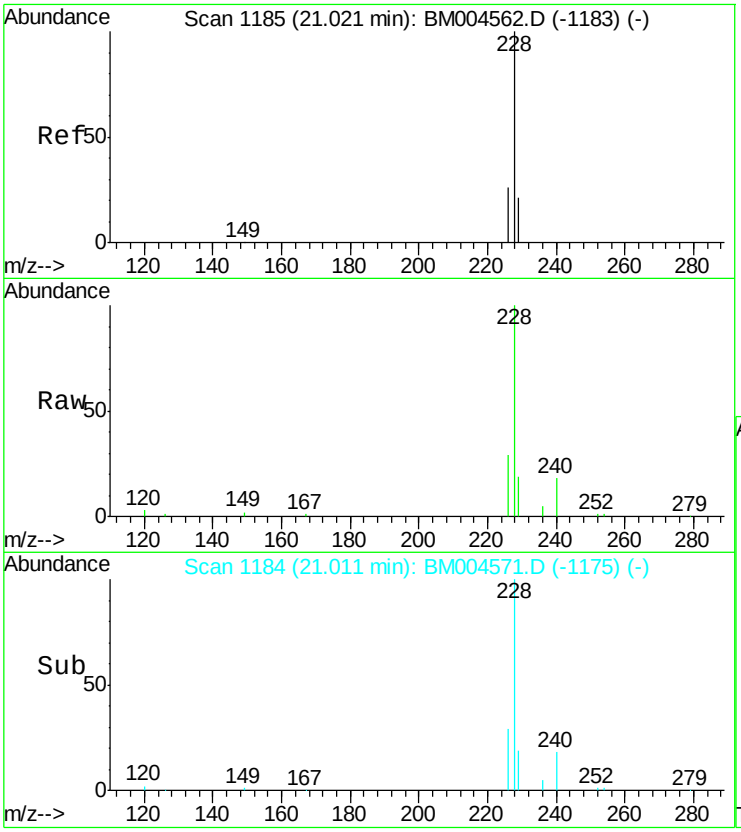


#30
3,3'-Dichlorobenzidine
Concen: 0.88 ng
RT: 20.93 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:252 Resp: 11315

Ion	Ratio	Lower	Upper
252	100		
254	72.3	53.9	80.9
126	9.9	6.9	10.3



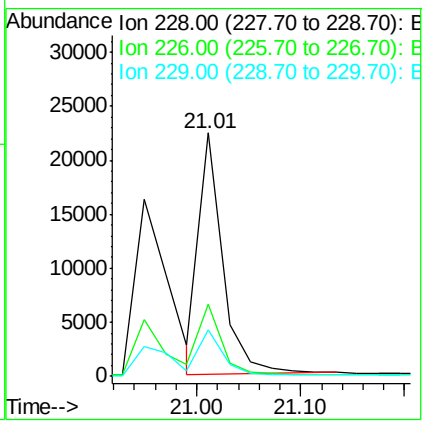


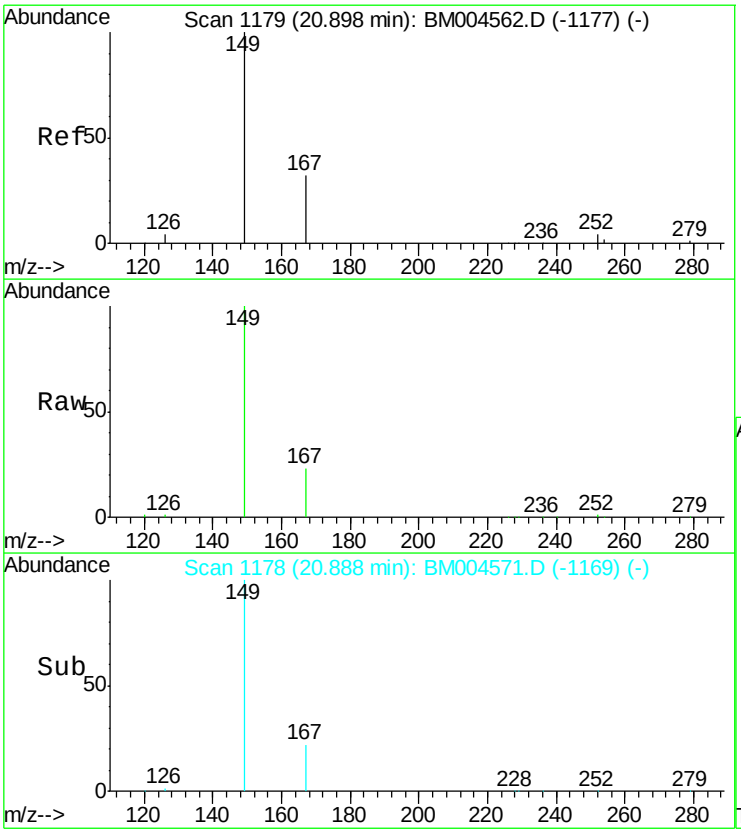
#31
Chrysene
Concen: 0.92 ng
RT: 21.01 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 35438

Ion	Ratio	Lower	Upper
228	100		
226	29.4	20.3	30.5
229	19.3	17.8	26.6

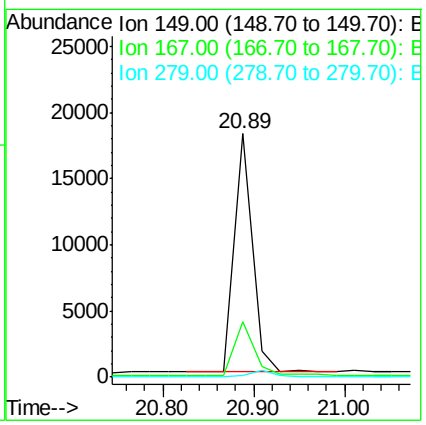


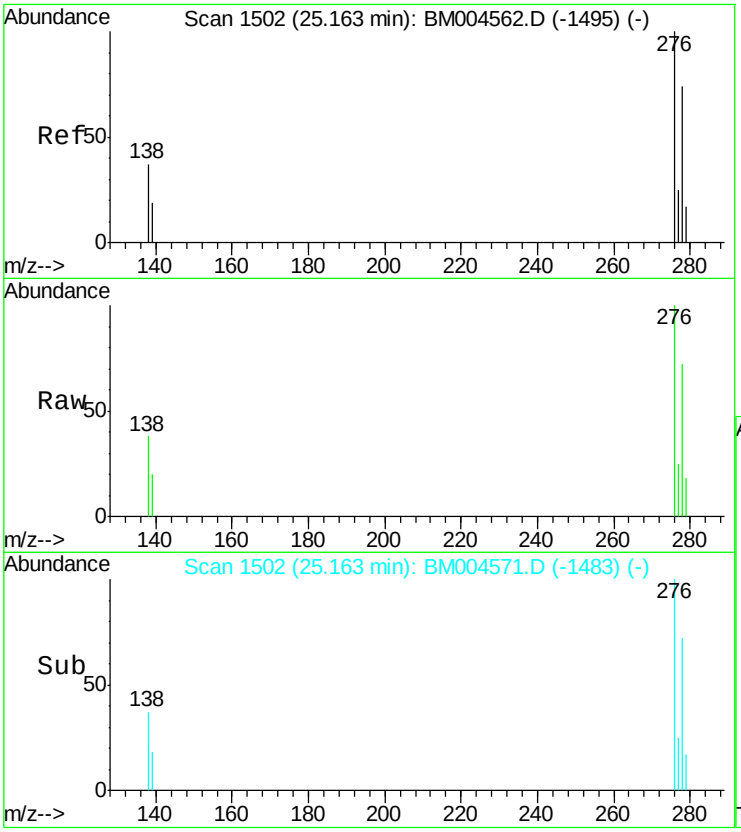


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.86 ng
RT: 20.89 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:149 Resp: 24733

Ion	Ratio	Lower	Upper
149	100		
167	23.9	0.6	0.8#
279	0.0	0.0	0.0



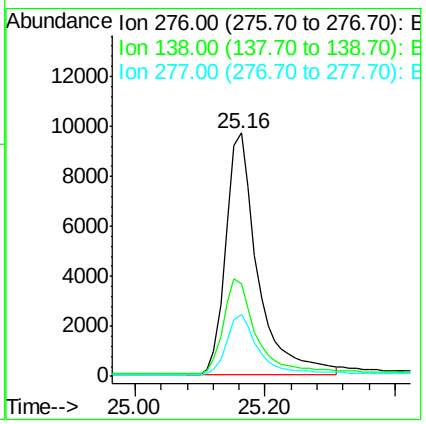


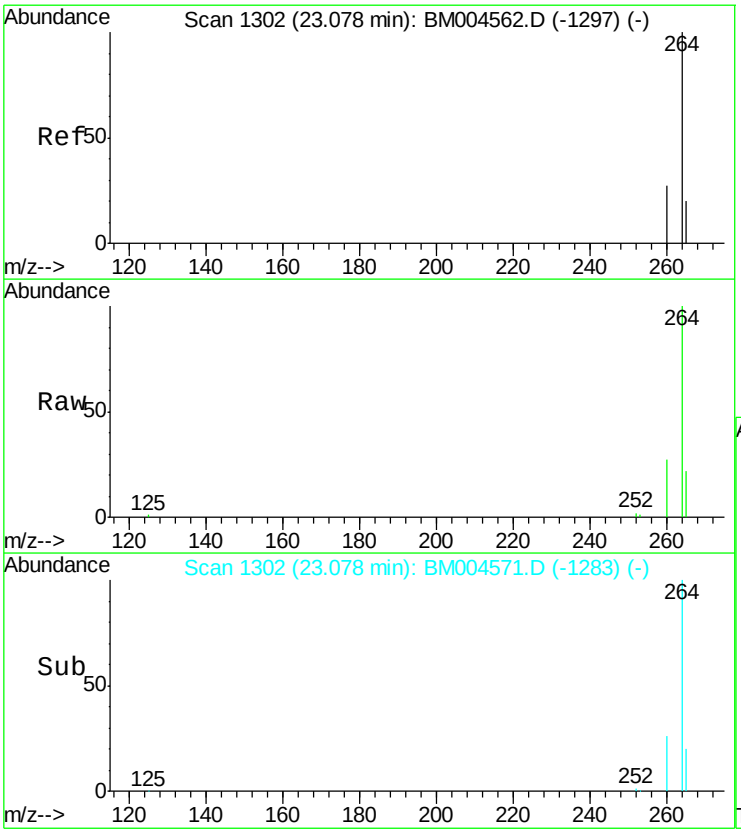
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.90 ng
RT: 25.16 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 32958

Ion	Ratio	Lower	Upper
276	100		
138	40.4	22.8	34.2#
277	24.8	15.2	22.8#

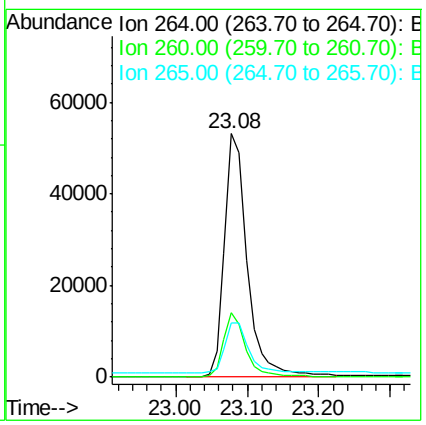


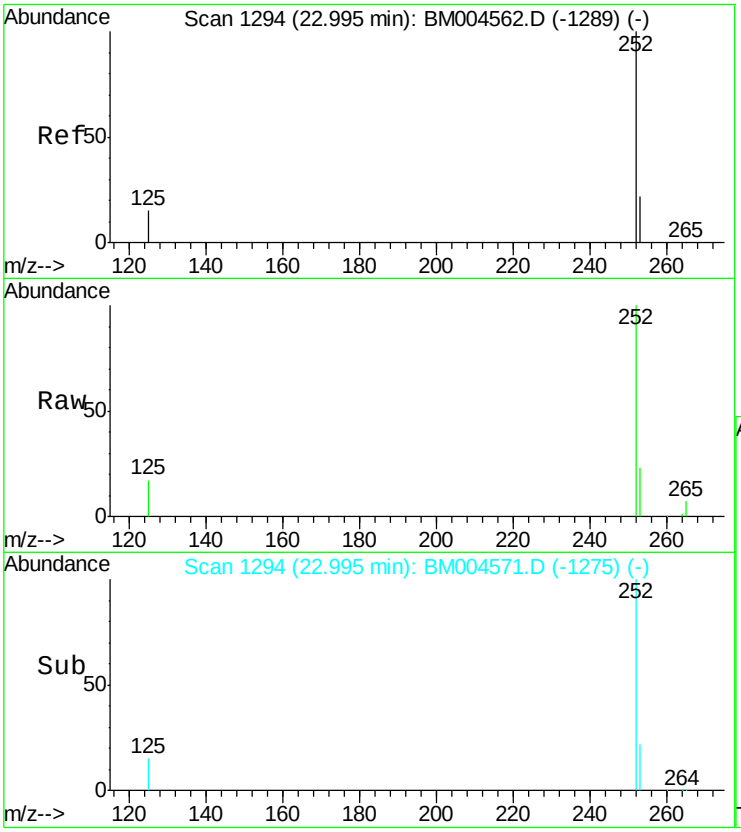


#34
Perylene-d12
Concen: 5.00 ng
RT: 23.08 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:264 Resp: 116967

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.4	32.2
265	22.1	17.8	26.8



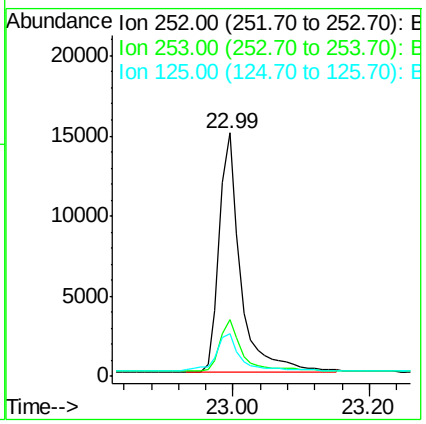


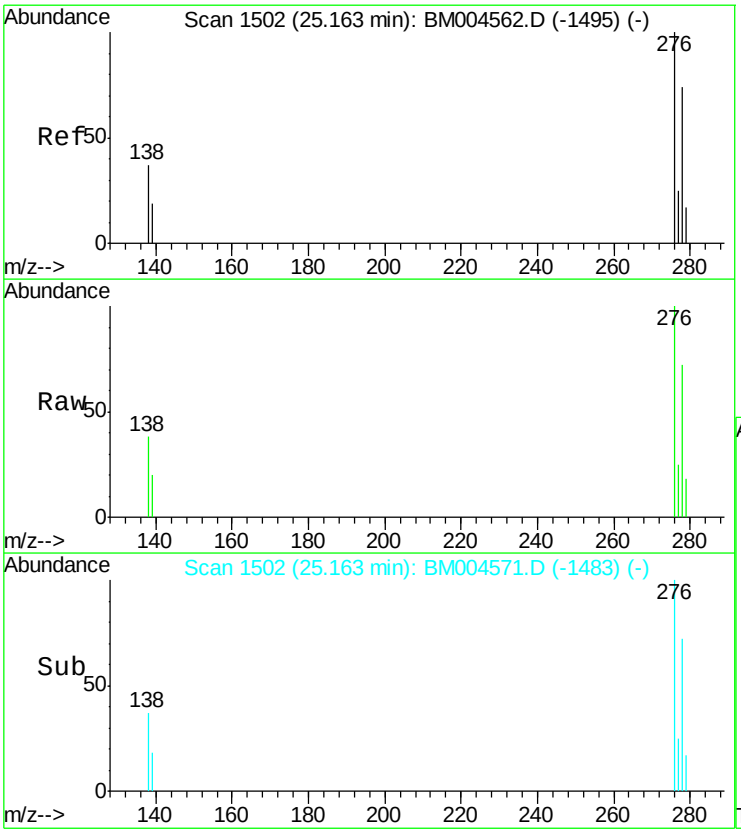
#35
Benzo(a)pyrene
Concen: 0.90 ng
RT: 22.99 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 32456

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	17.4	14.4	21.6

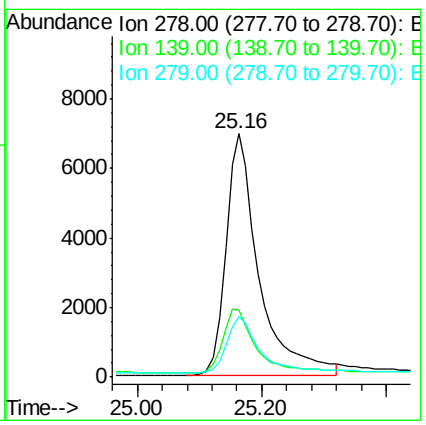


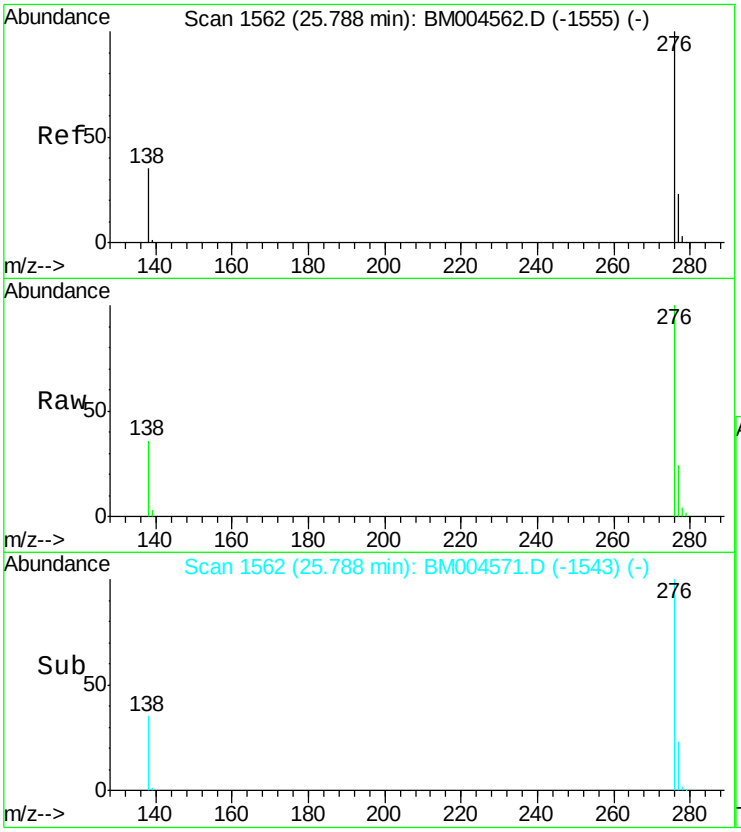


#36
Dibenzo(a,h)anthracene
Concen: 0.86 ng
RT: 25.16 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Tgt Ion:278 Resp: 25633

Ion	Ratio	Lower	Upper
278	100		
139	27.7	21.7	32.5
279	24.8	20.2	30.4





#37
Benzo(g,h,i)perylene
Concen: 0.87 ng
RT: 25.79 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BM004571.D
Acq: 06 Mar 2016 00:07

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 28650

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	36.4	29.3	43.9