Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004512.D
Acq On : 02 Mar 2016 10:10
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001

Quant Time: Mar 02 15:19:25 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 14:46:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	24303	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	91757	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	45728	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	104202	5.00	ng		0.00
26) Chrysene-d12	21.23	240	80252	5.00	ng		0.00
35) Perylene-d12	23.45	264	78553	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	4349	0.86	ng		0.00
5) Phenol-d6	6.83	99	5301	0.90	ng		0.00
8) Nitrobenzene-d5	8.79	82	3835	0.91	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1079	0.85	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	13209	0.94	ng		0.00
29) Terphenyl-d14	19.67	244	12246	0.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	2161	0.94	ng		99
3) n-Nitrosodimethylamine	3.43	42	1566	0.92	ng		97
6) bis(2-Chloroethyl)ether	7.04	93	4724	0.92	ng		99
9) Nitrobenzene	8.84	77	4193	0.90	ng		100
10) Naphthalene	10.44	128	19810	0.91	ng		100
11) Hexachlorobutadiene	10.72	225	3454	0.92	ng		99
12) 2-Methylnaphthalene	12.08	142	11917	0.91	ng		99
16) Acenaphthylene	13.97	152	18961	0.91	ng		100
17) Acenaphthene	14.33	154	12087	0.95	ng		100
18) Fluorene	15.33	166	14960	0.96	ng		99
20) 4-Bromophenyl-phenylether	16.22	248	3358	0.91	ng	#	97
21) Hexachlorobenzene	16.35	284	4093	1.00	ng	#	100
22) Pentachlorophenol	16.73	266	429	0.79	ng		98
23) Phenanthrene	17.06	178	21829	0.97	ng		100
24) Anthracene	17.16	178	18157	0.87	ng		100
25) Fluoranthene	19.11	202	24773	0.89	ng		100
27) Benzidine	19.33	184	6147	0.91	ng		98
28) Pyrene	19.47	202	26276	0.94	ng		99
30) Benzo(a)anthracene	21.27	228	22902	0.95	ng		96
31) 3,3'-Dichlorobenzidine	21.16	252	7164	0.93	ng	#	97
32) Chrysene	21.27	228	25222	0.93	ng		98
33) Bis(2-ethylhexyl)phthalate	21.12	149	11367	0.79	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.71	276	22508	0.96	ng		100
36) Benzo(b)fluoranthene	22.80	252	25054	1.03	ng		100
37) Benzo(k)fluoranthene	22.84	252	22636	0.90	ng		99
38) Benzo(a)pyrene	23.36	252	20943	0.90	ng		98
39) Dibenzo(a,h)anthracene	25.72	278	17463	0.91	ng		97
40) Benzo(g,h,i)perylene	26.39	276	19901	0.91	ng		99

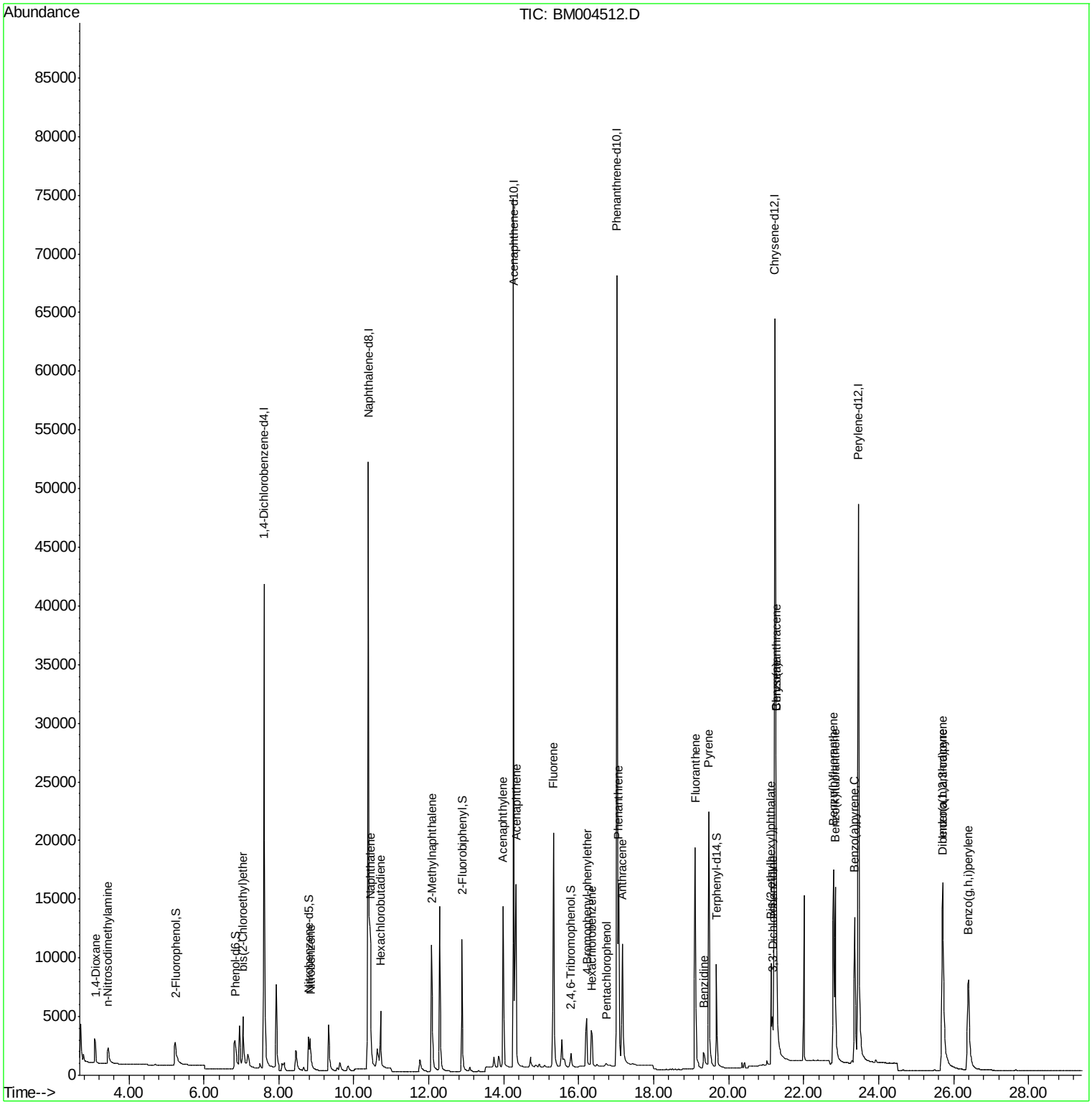
(#) = qualifier out of range (m) = manual integration (+) = signals summed

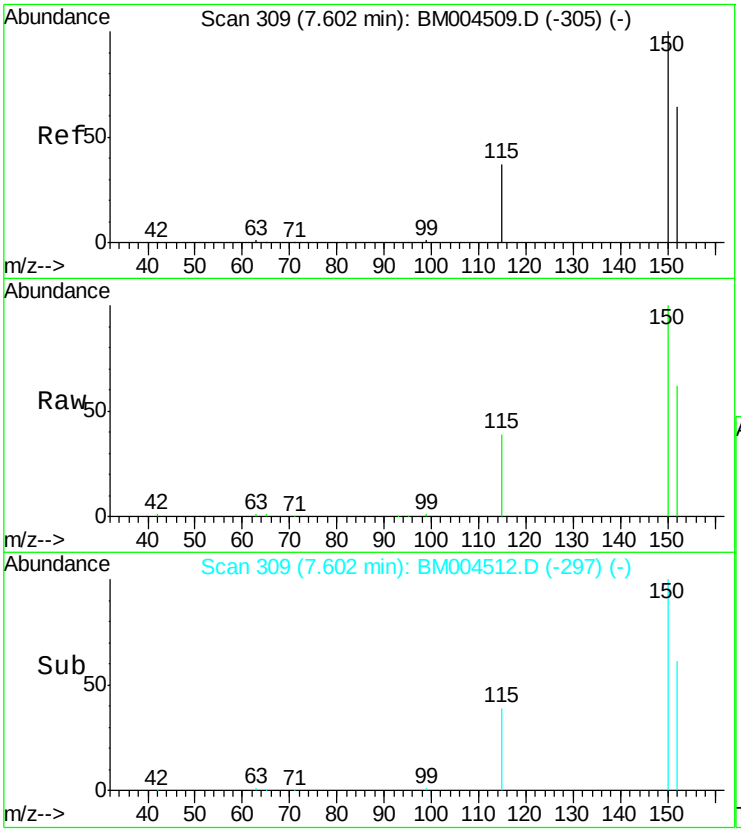
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004512.D
Acq On : 02 Mar 2016 10:10
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Quant Time: Mar 02 15:19:25 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 14:46:57 2016
Response via : Initial Calibration



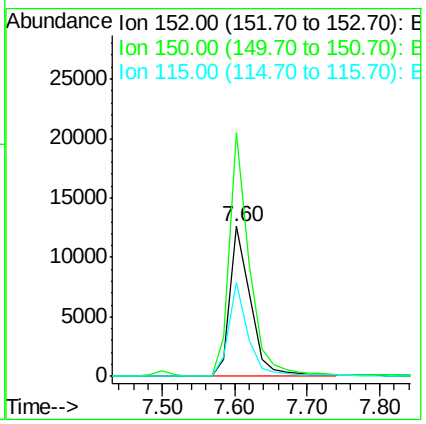


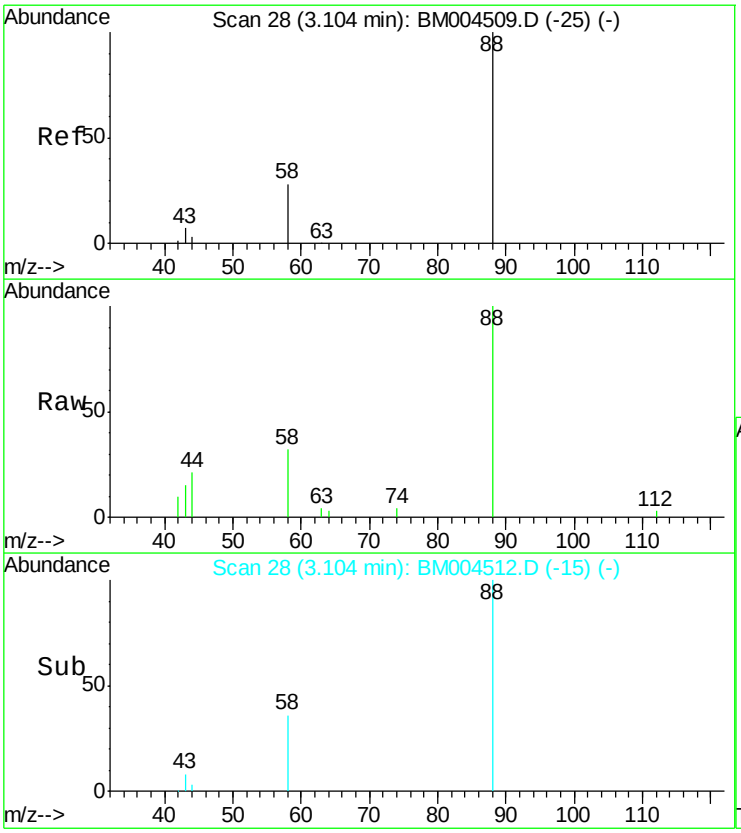
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 24303

Ion	Ratio	Lower	Upper
152	100		
150	162.4	134.2	201.2
115	62.9	52.2	78.4

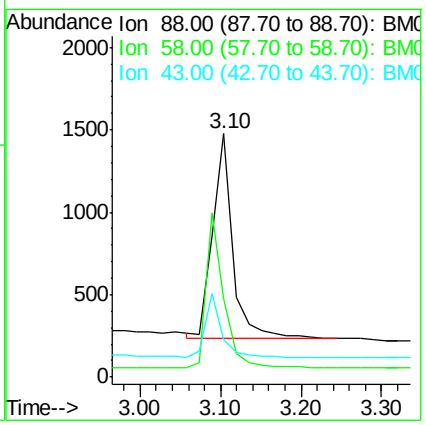


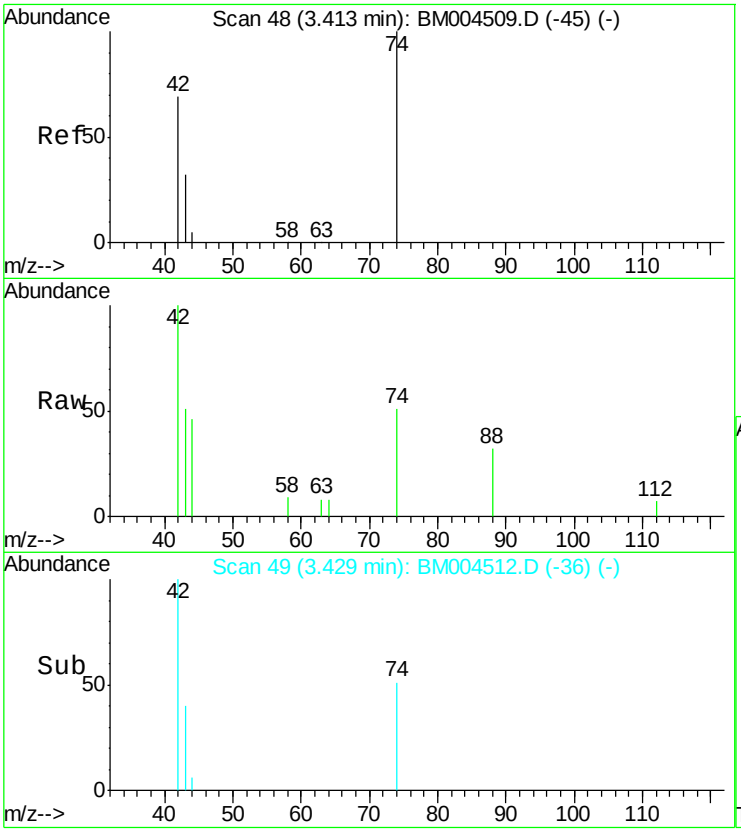


#2
1,4-Dioxane
Concen: 0.94 ng
RT: 3.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion: 88 Resp: 2161

Ion	Ratio	Lower	Upper
88	100		
58	66.9	52.9	79.3
43	25.5	20.8	31.2



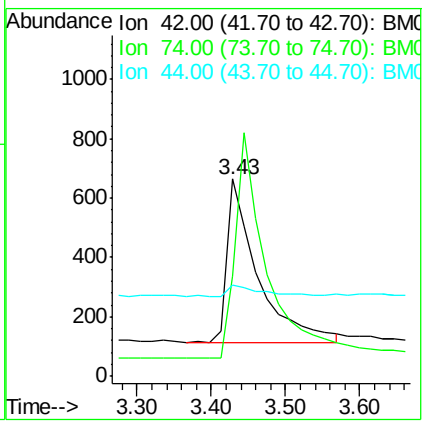


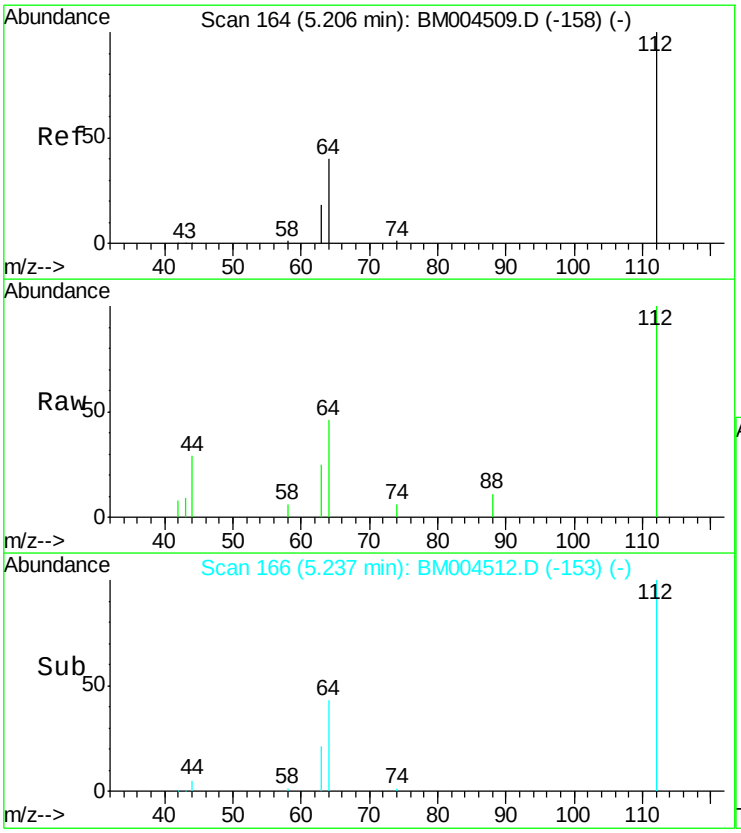
#3
n-Nitrosodimethylamine
Concen: 0.92 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 1566

Ion	Ratio	Lower	Upper
42	100		
74	140.4	115.5	173.3
44	7.8	6.2	9.4

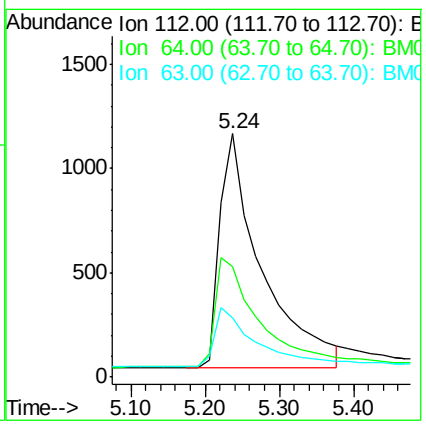


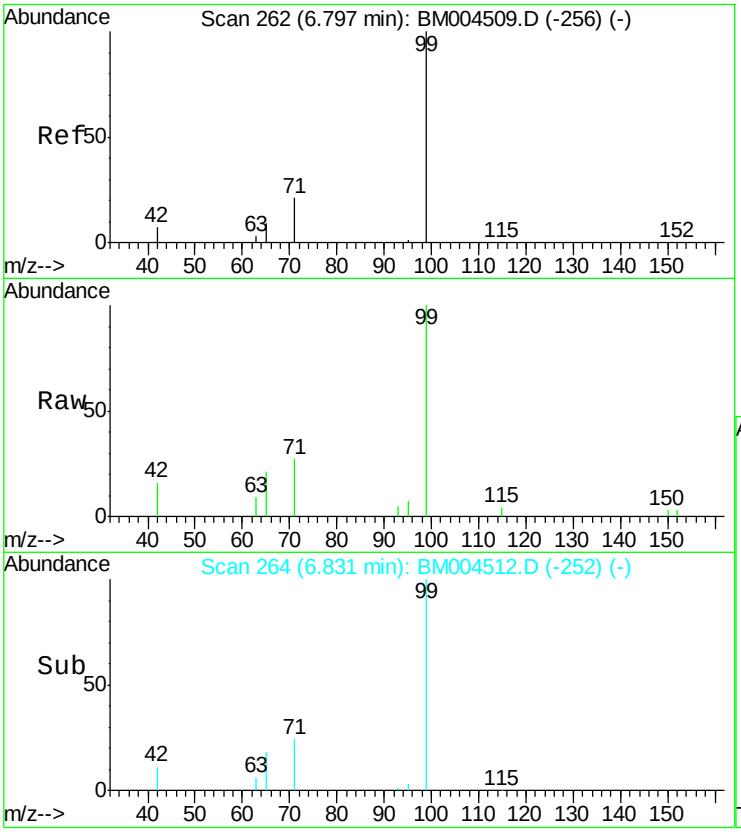


#4
2-Fluorophenol
Concen: 0.86 ng
RT: 5.24 min Scan# 166
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:112 Resp: 4349

Ion	Ratio	Lower	Upper
112	100		
64	49.0	37.0	55.6
63	25.0	19.0	28.4



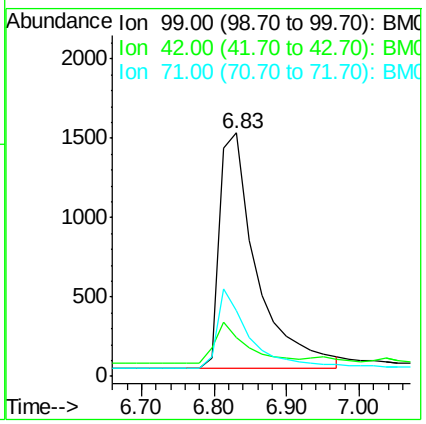


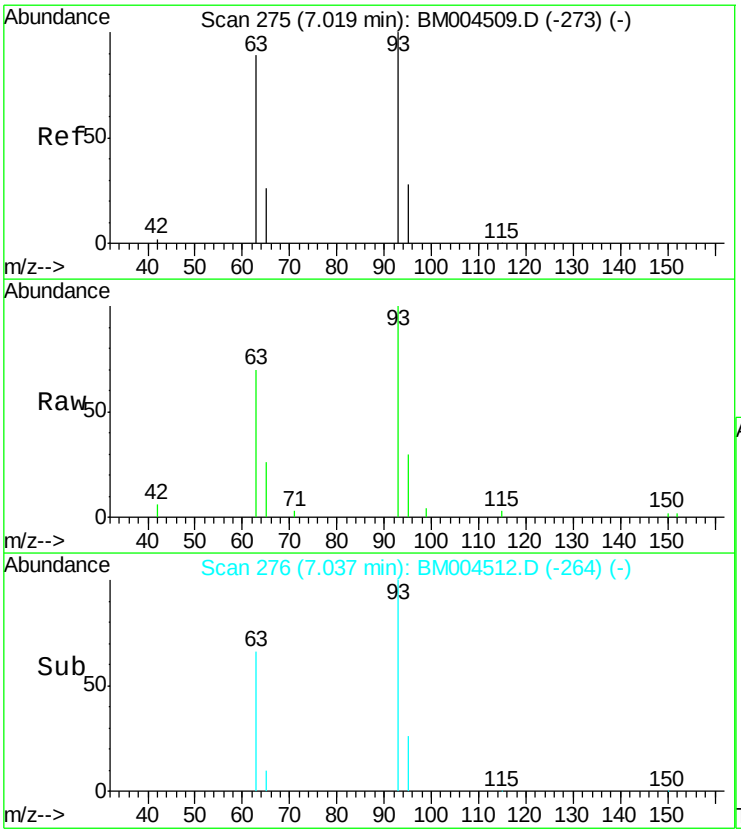
#5
Phenol-d6
Concen: 0.90 ng
RT: 6.83 min Scan# 264
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 5301

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.4
71	29.1	23.4	35.2

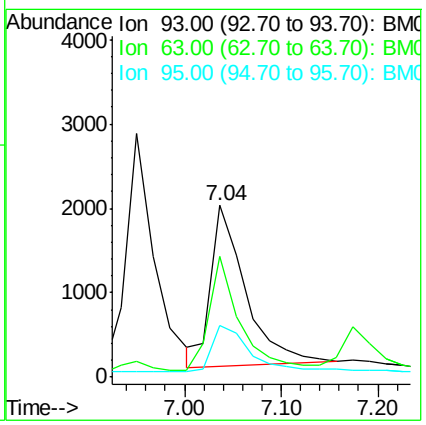


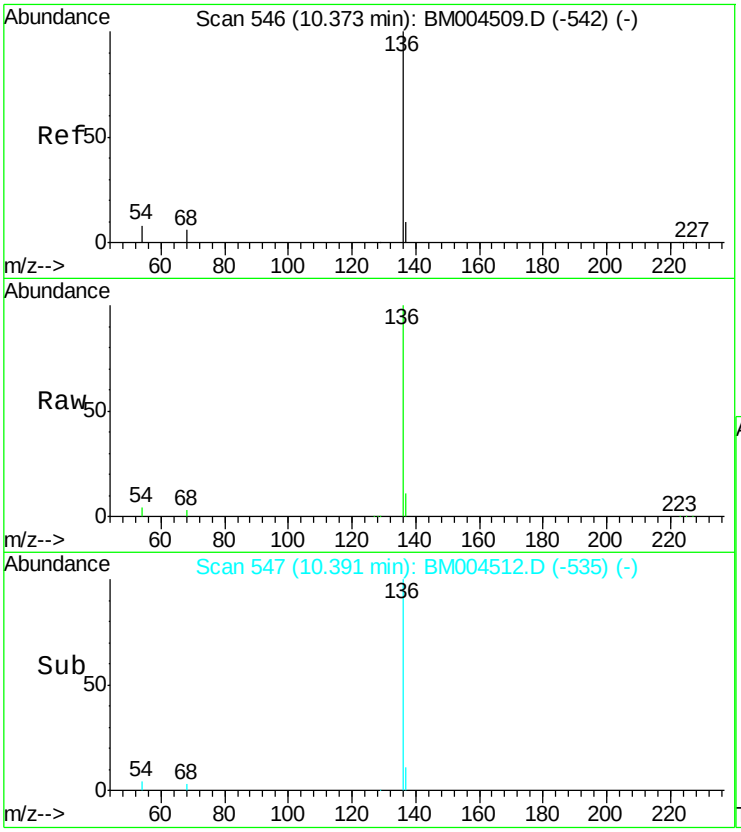


#6
bis(2-Chloroethyl)ether
Concen: 0.92 ng
RT: 7.04 min Scan# 276
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion: 93 Resp: 4724

Ion	Ratio	Lower	Upper
93	100		
63	64.4	51.1	76.7
95	33.0	25.0	37.6



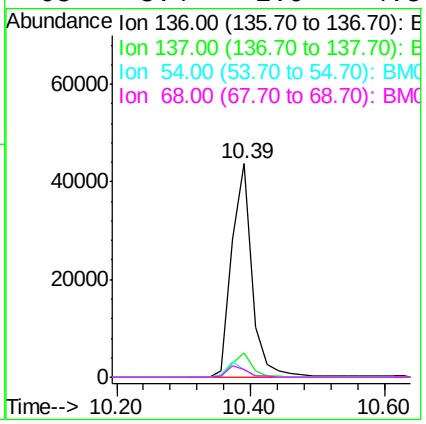


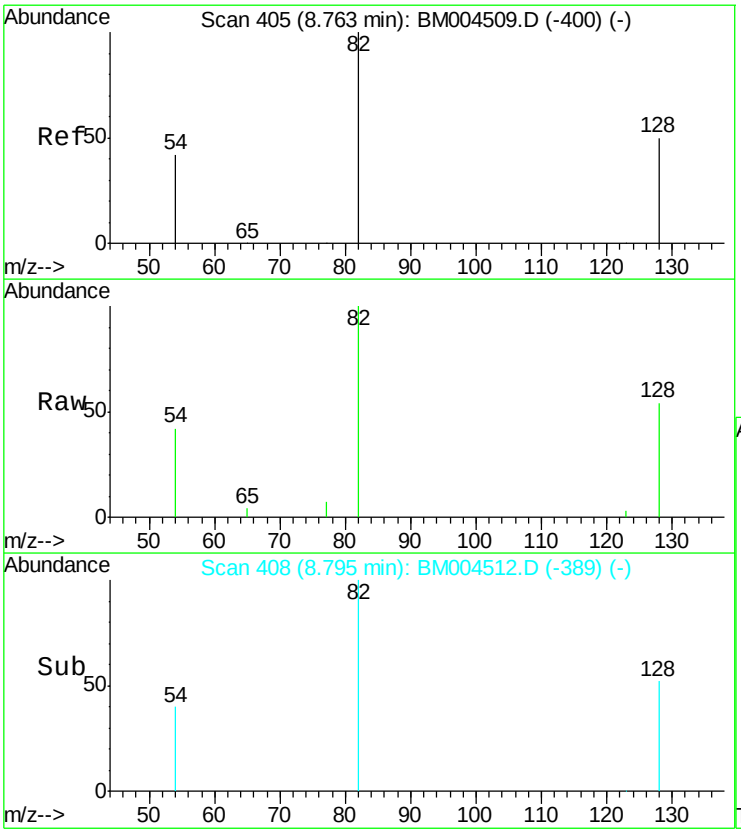
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 91757

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	3.9	3.3	4.9
68	3.4	2.9	4.3

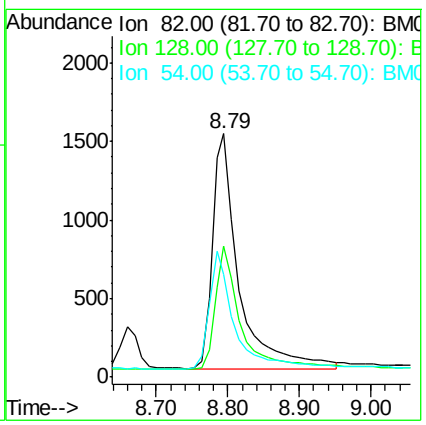


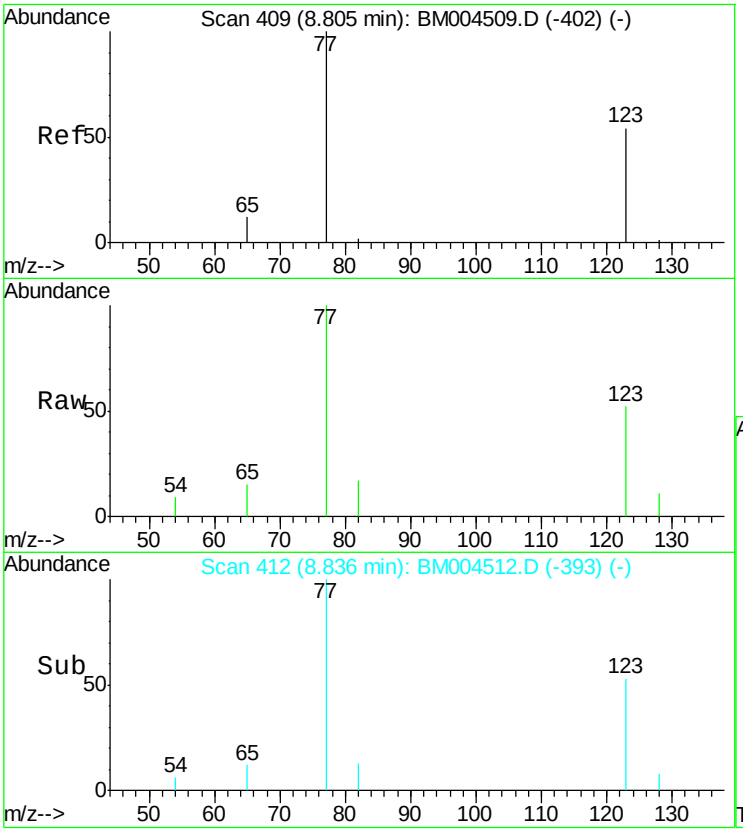


#8
Nitrobenzene-d5
Concen: 0.91 ng
RT: 8.79 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion: 82 Resp: 3835

Ion	Ratio	Lower	Upper
82	100		
128	54.0	41.9	62.9
54	42.5	34.2	51.2



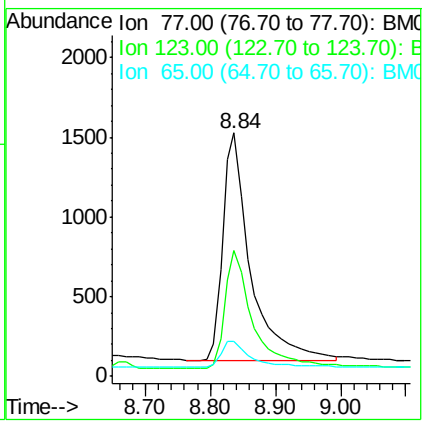


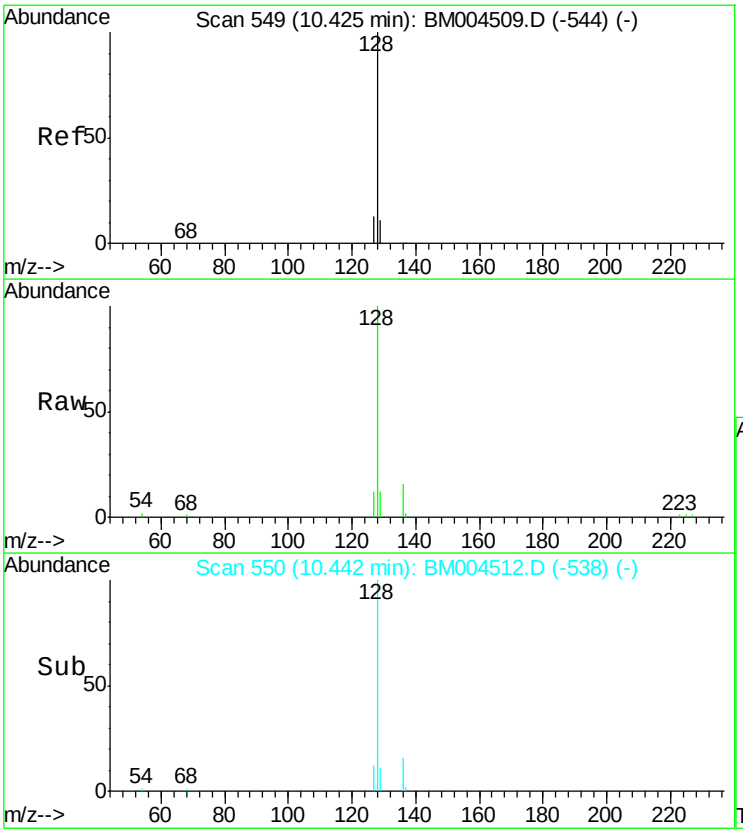
#9
Nitrobenzene
Concen: 0.90 ng
RT: 8.84 min Scan# 412
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 4193

Ion	Ratio	Lower	Upper
77	100		
123	52.9	42.5	63.7
65	12.3	10.0	15.0

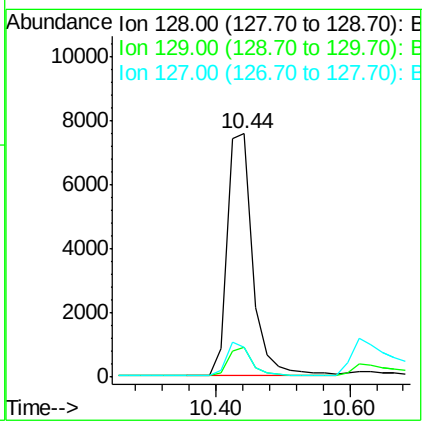


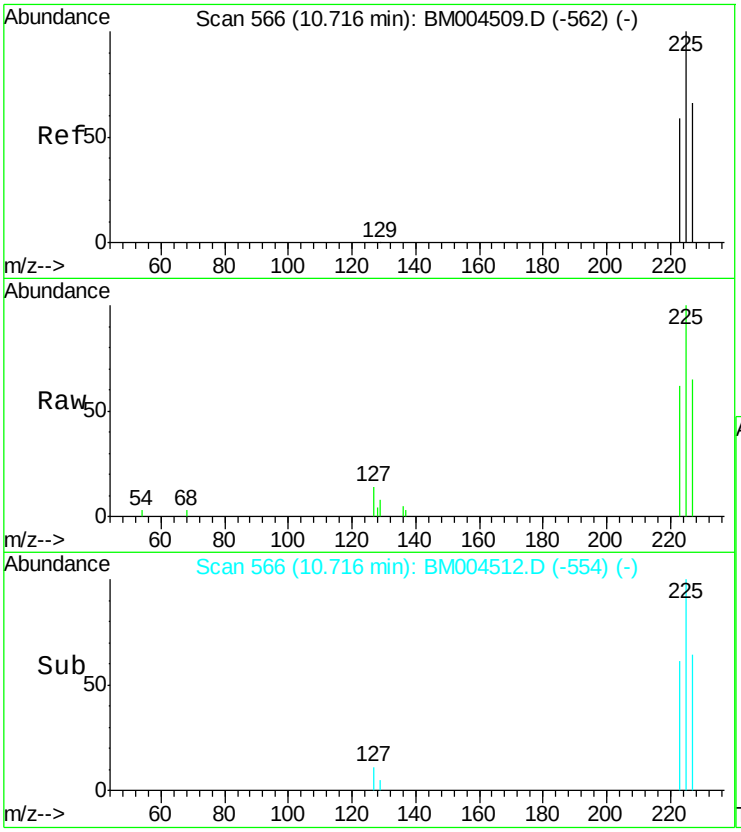


#10
Naphthalene
Concen: 0.91 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:128 Resp: 19810

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	12.3	9.9	14.9



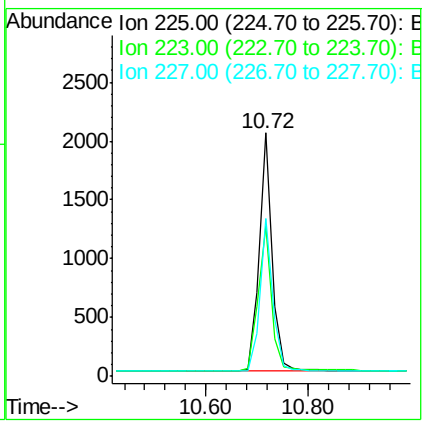


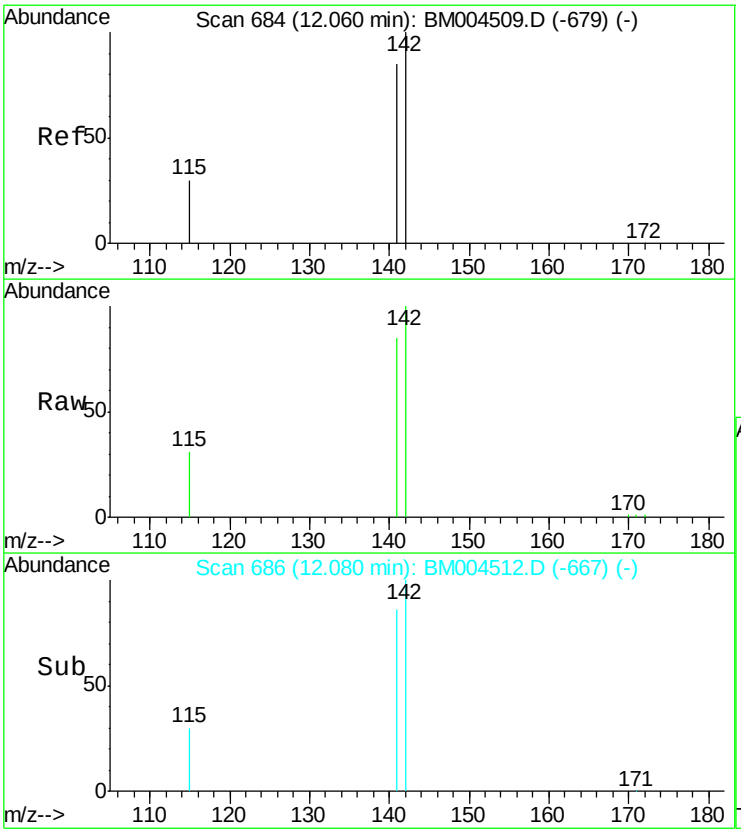
#11
Hexachlorobutadiene
Concen: 0.92 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:225 Resp: 3454

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	63.4	51.1	76.7

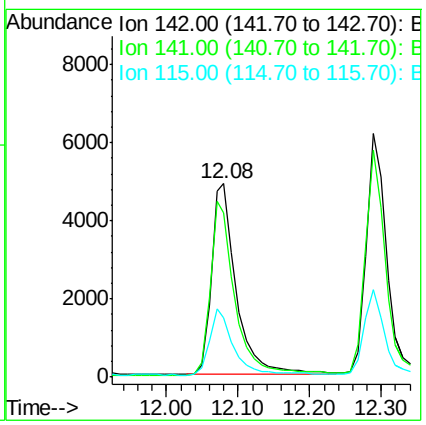


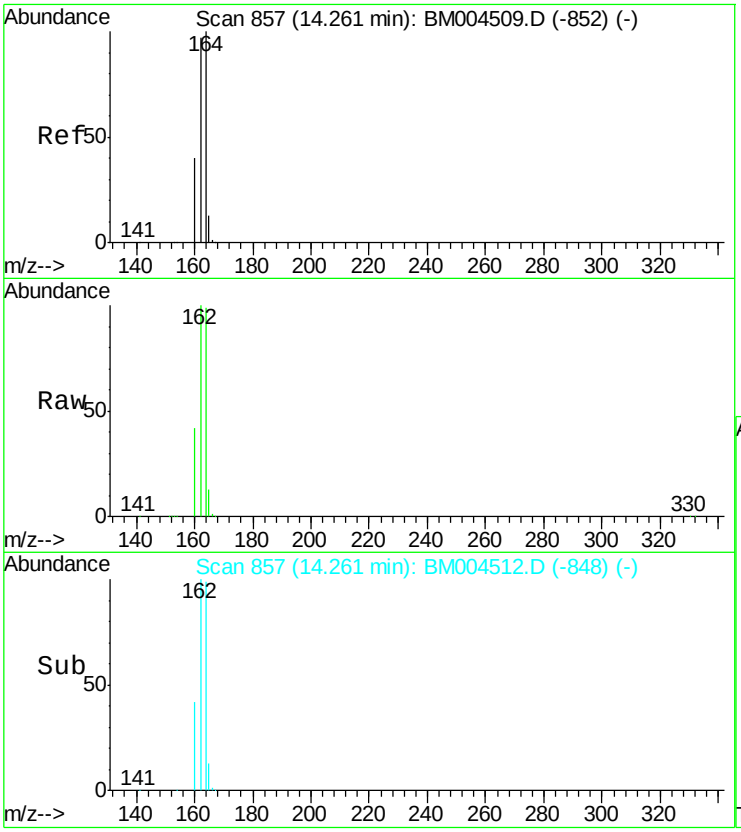


#12
2-Methylnaphthalene
Concen: 0.91 ng
RT: 12.08 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:142 Resp: 11917

Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.5	102.7
115	30.9	24.6	36.8



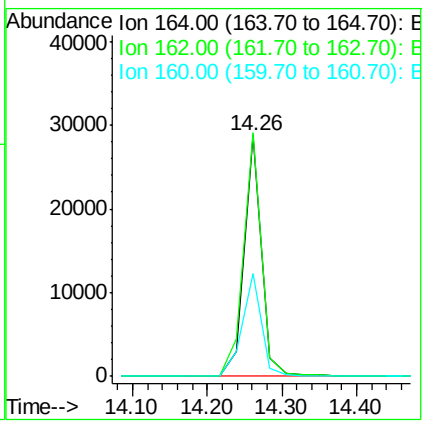


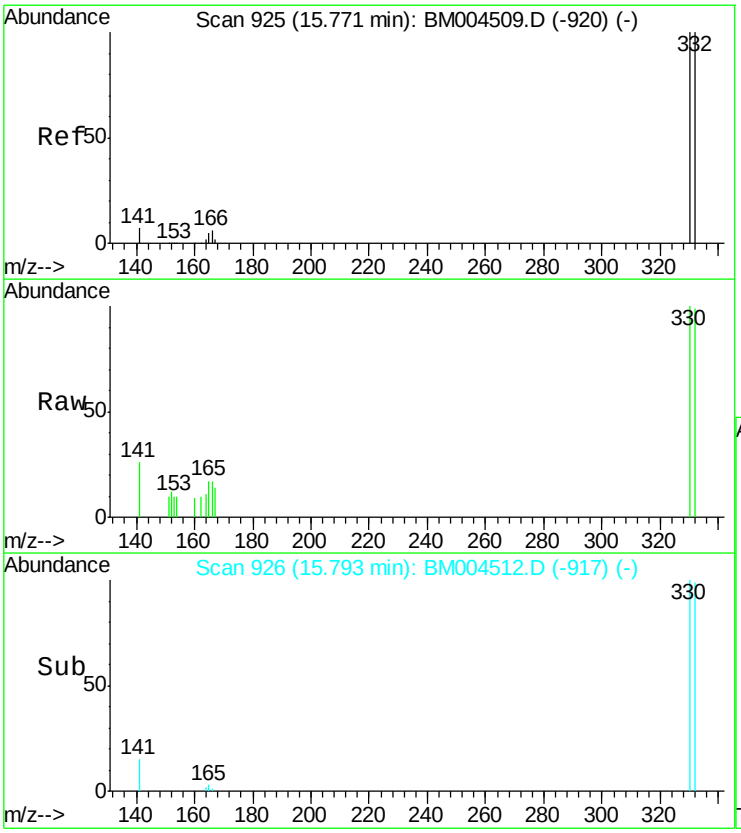
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 45728

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.6	122.4
160	42.8	34.9	52.3

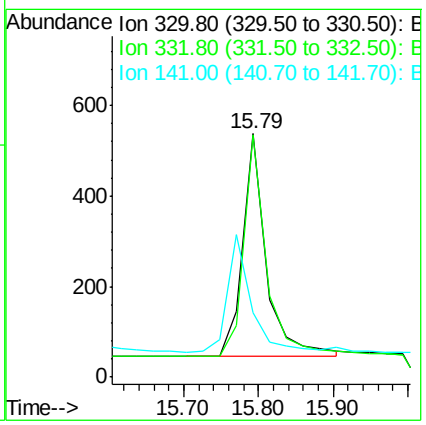


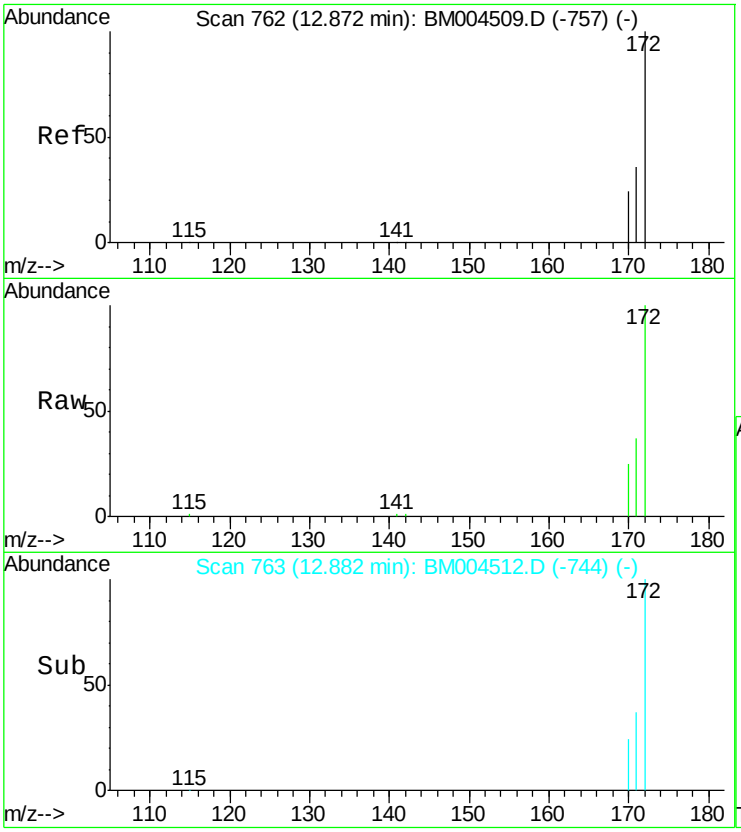


#14
2,4,6-Tribromophenol
Concen: 0.85 ng
RT: 15.79 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:330 Resp: 1079

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	0.0	0.0	0.0



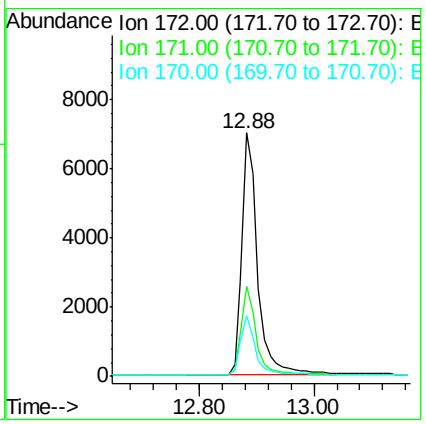


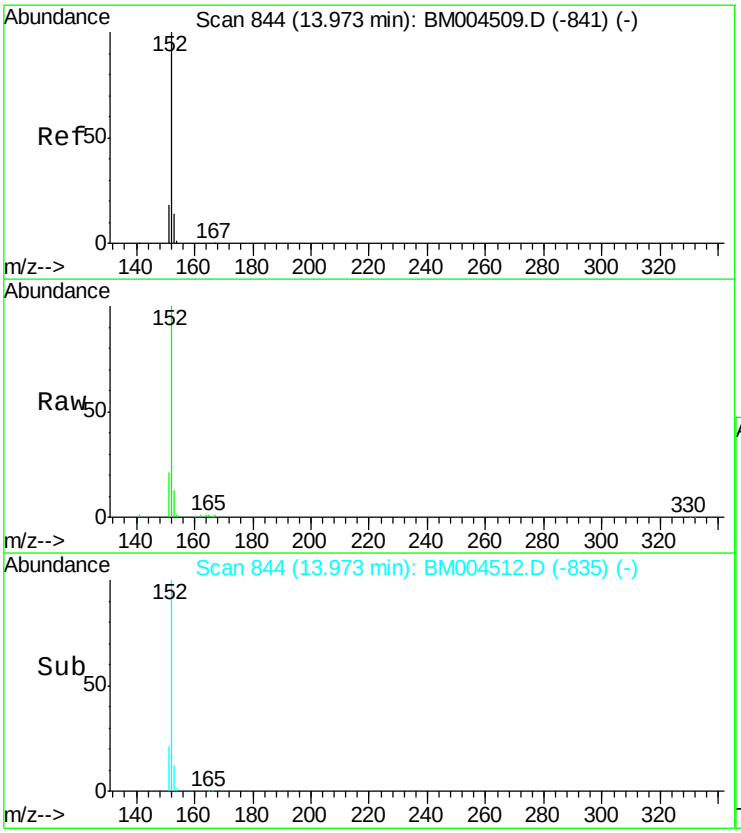
#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.88 min Scan# 763
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 13209

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	24.8	20.2	30.2

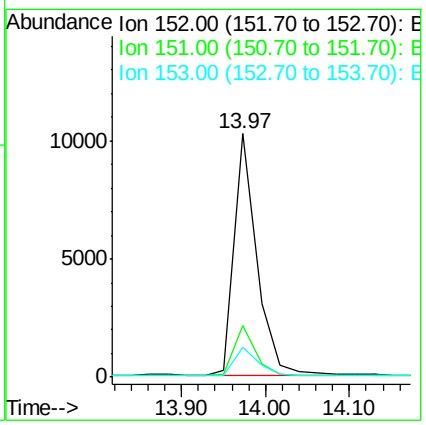


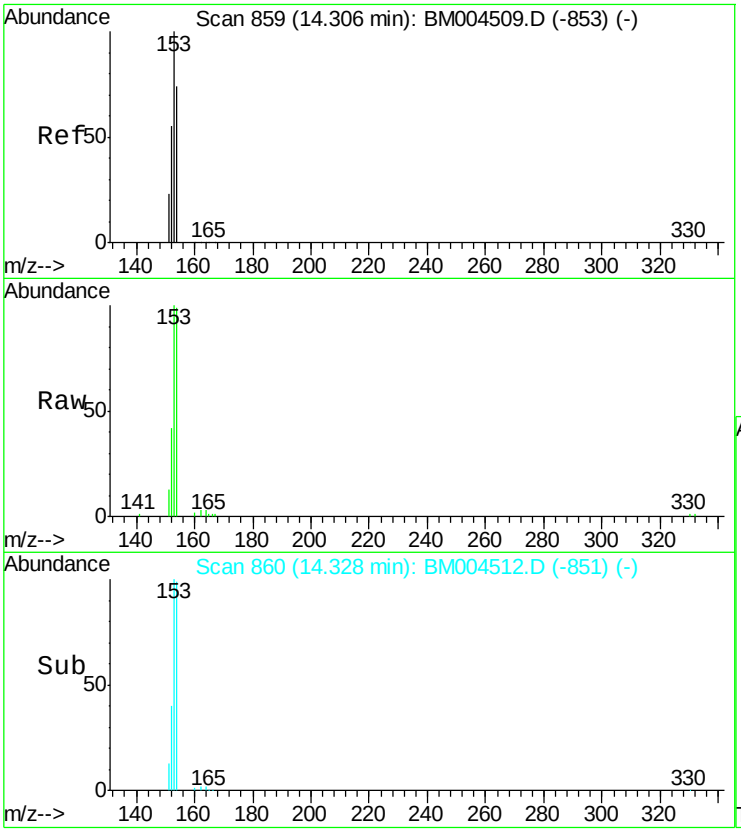


#16
Acenaphthylene
Concen: 0.91 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:152 Resp: 18961

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	12.7	10.2	15.4



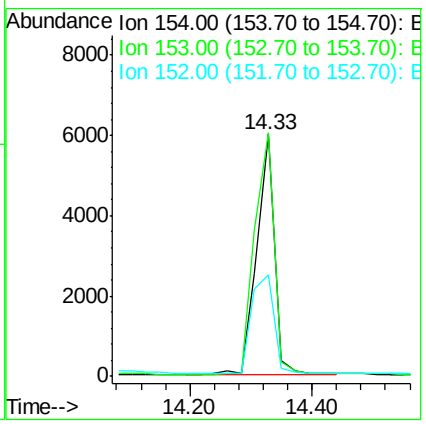


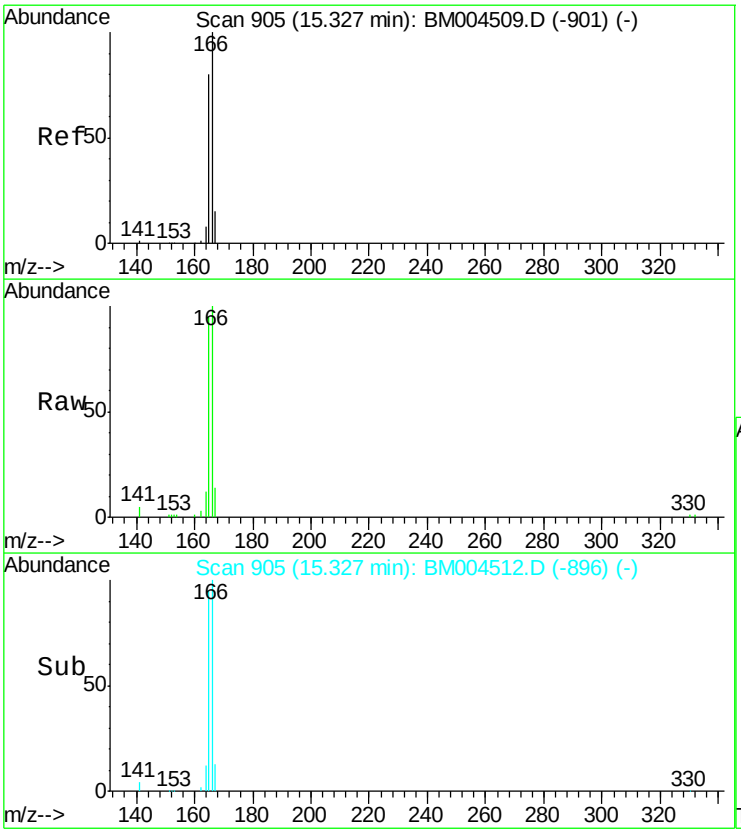
#17
Acenaphthene
Concen: 0.95 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:154 Resp: 12087

Ion	Ratio	Lower	Upper
154	100		
153	111.1	88.7	133.1
152	52.3	41.8	62.8

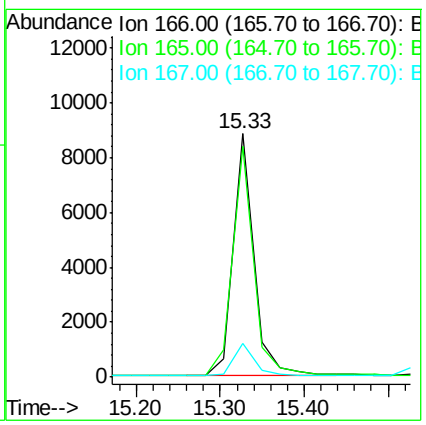


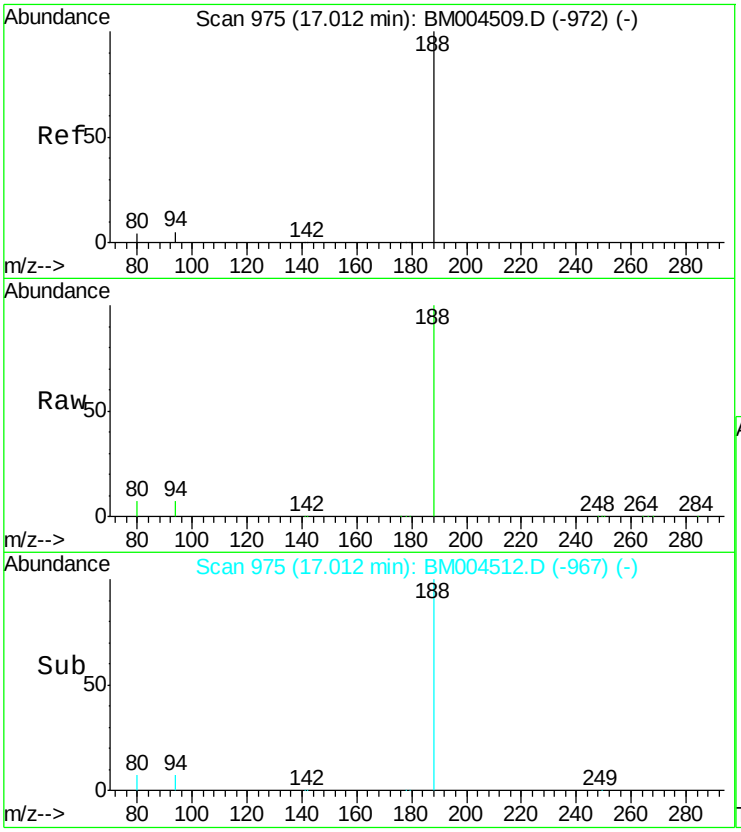


#18
Fluorene
Concen: 0.96 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:166 Resp: 14960

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.8	116.6
167	13.5	10.8	16.2



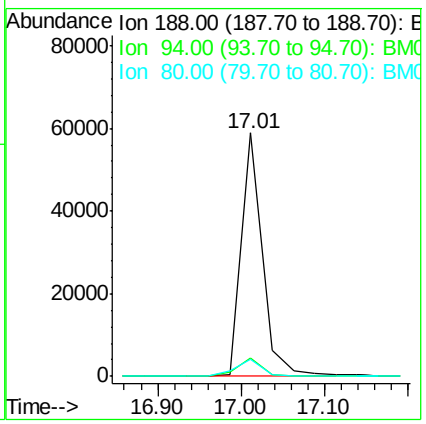


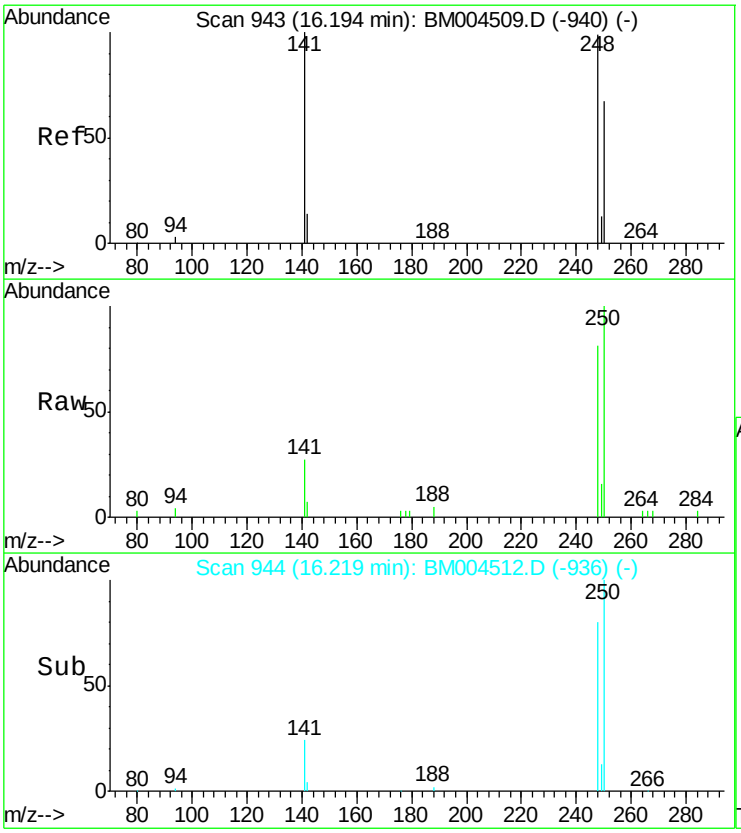
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 104202

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.3	9.5
80	6.8	5.9	8.9

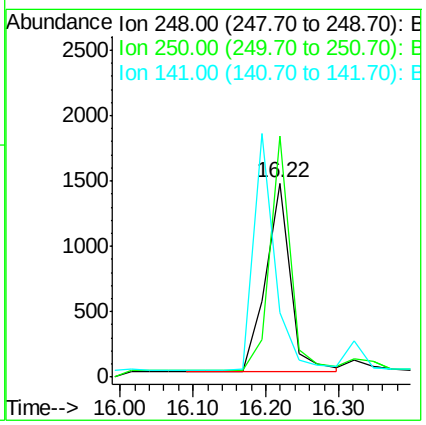


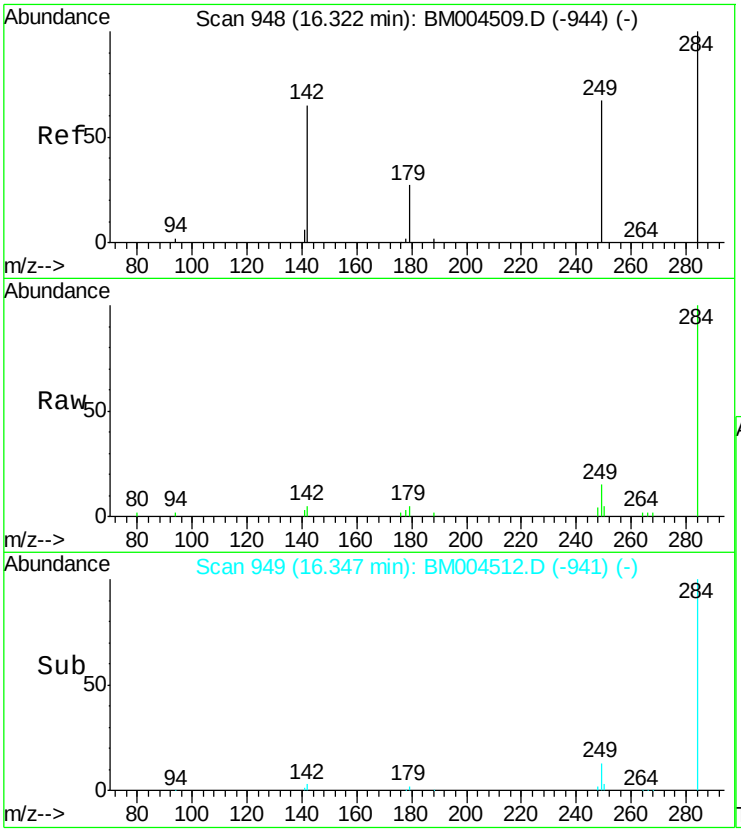


#20
4-Bromophenyl-phenylether
Concen: 0.91 ng
RT: 16.22 min Scan# 944
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:248 Resp: 3358

Ion	Ratio	Lower	Upper
248	100		
250	104.5	85.8	128.8
141	0.0	0.0	0.0



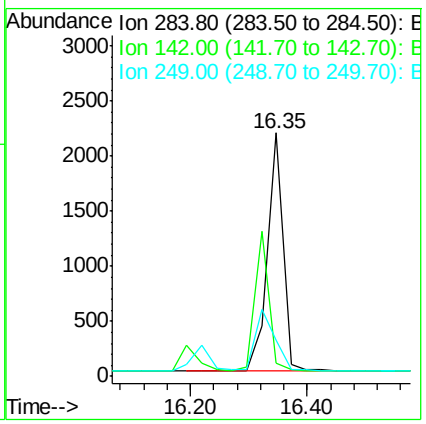


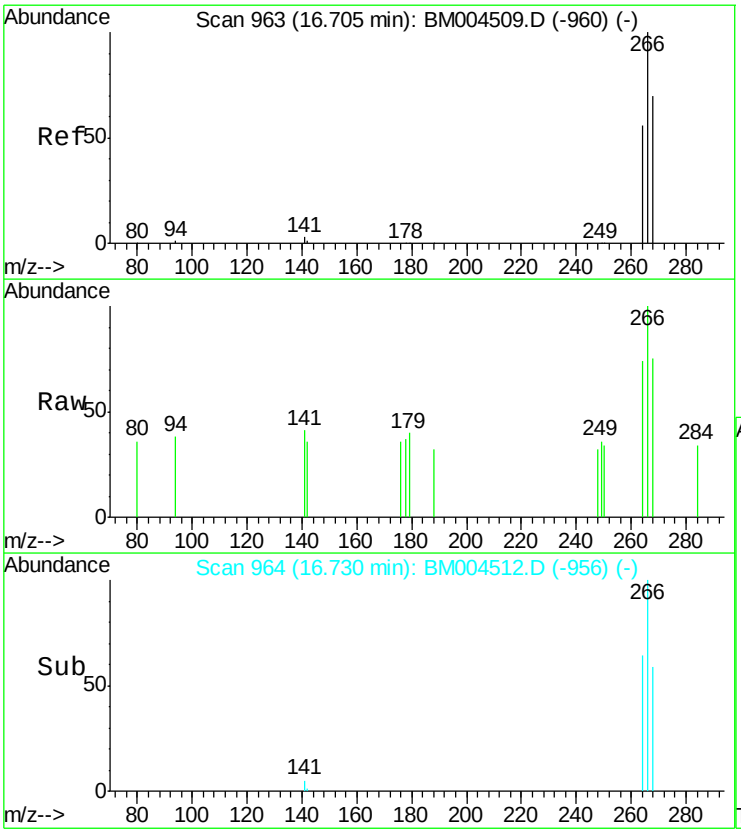
#21
Hexachlorobenzene
Concen: 1.00 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:284 Resp: 4093

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

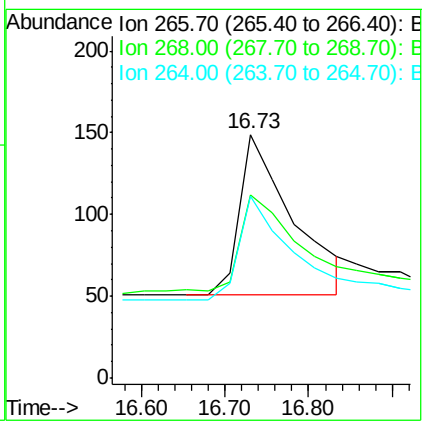


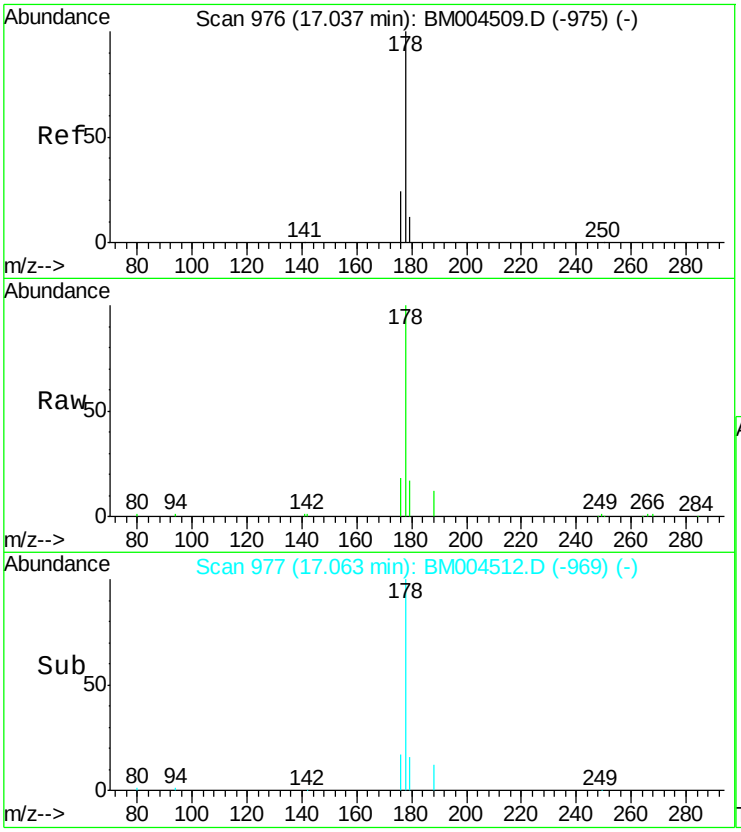


#22
Pentachlorophenol
Concen: 0.79 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:266 Resp: 429

Ion	Ratio	Lower	Upper
266	100		
268	75.2	63.0	94.6
264	74.5	59.6	89.4



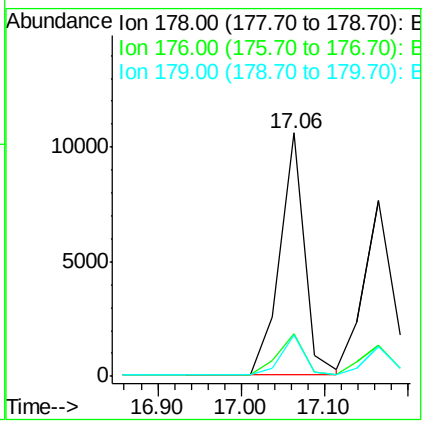


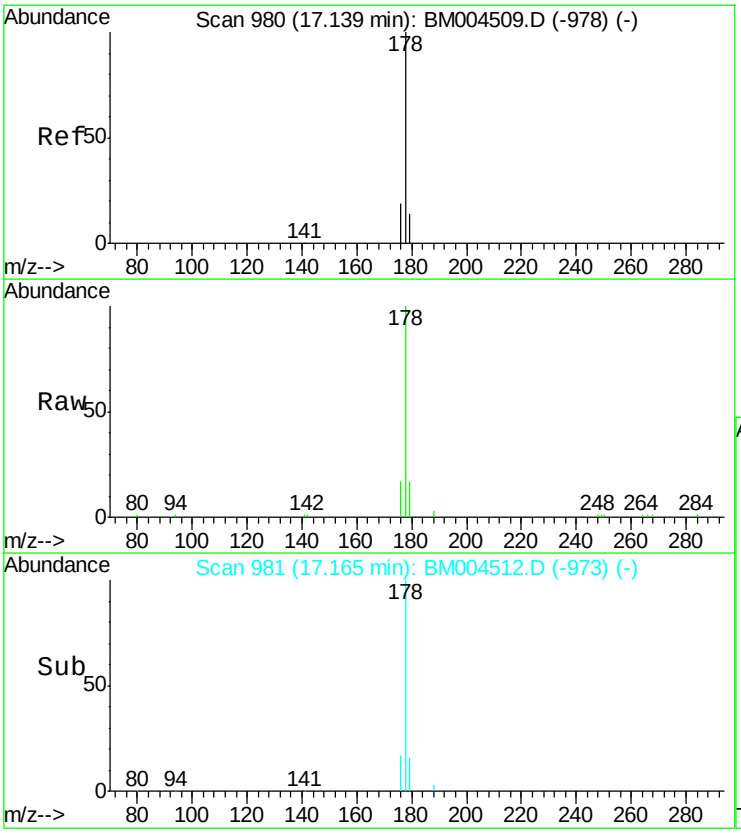
#23
Phenanthrene
Concen: 0.97 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 21829

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.9	12.8	19.2

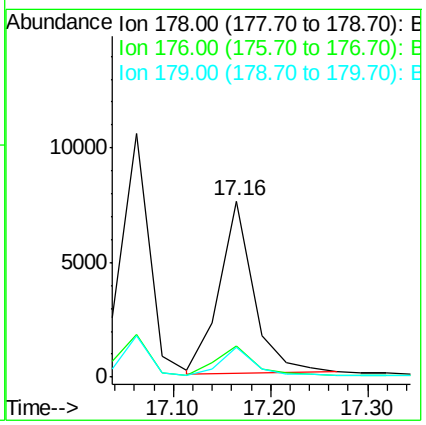


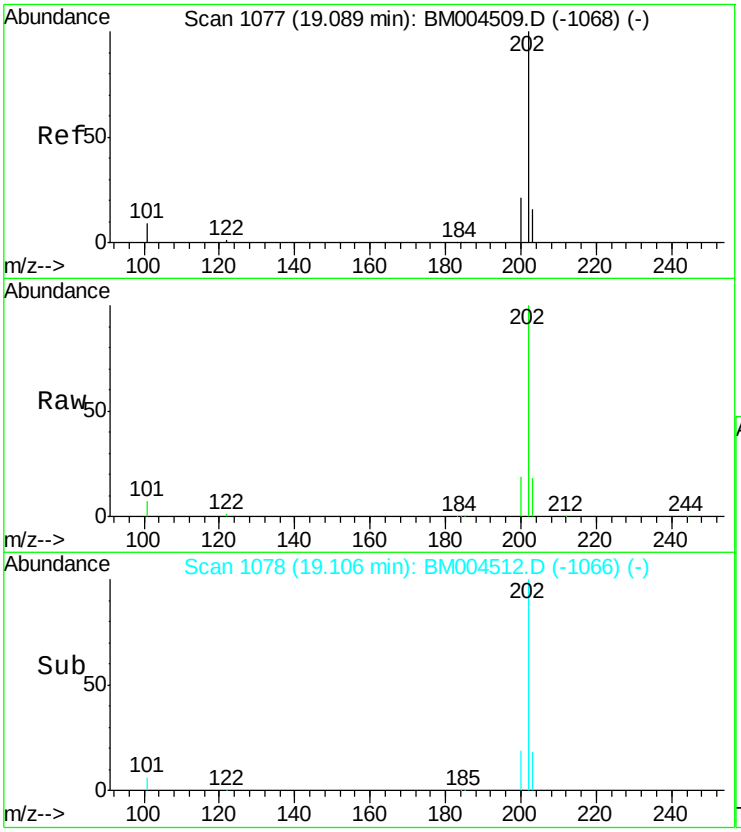


#24
Anthracene
Concen: 0.87 ng
RT: 17.16 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:178 Resp: 18157

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.1	12.2	18.4



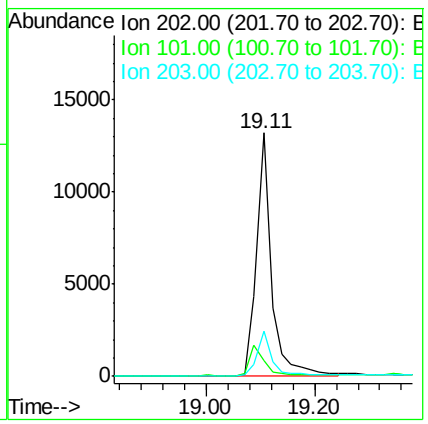


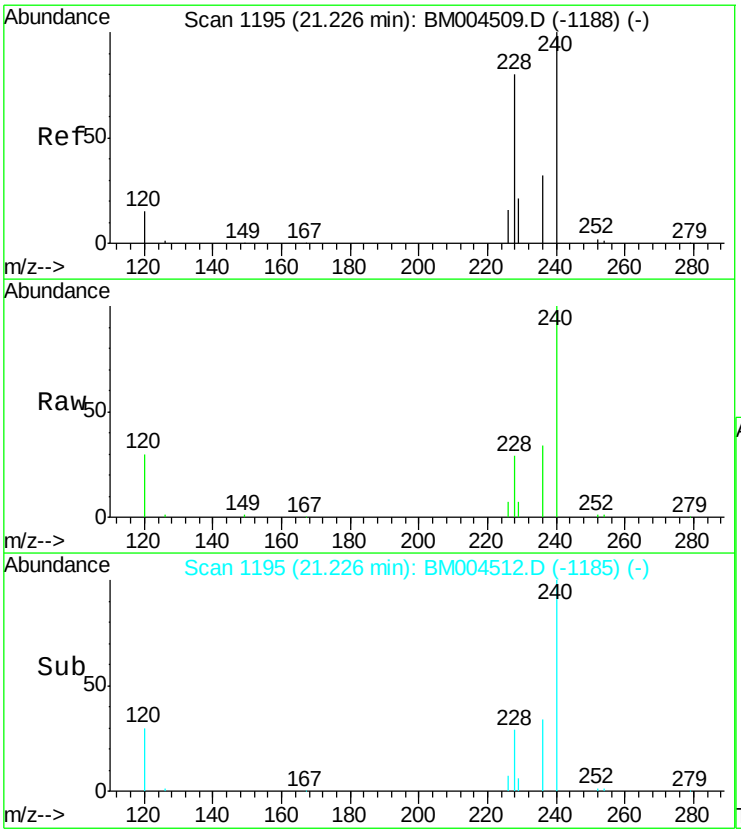
#25
Fluoranthene
Concen: 0.89 ng
RT: 19.11 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 24773

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
203	17.4	13.8	20.8

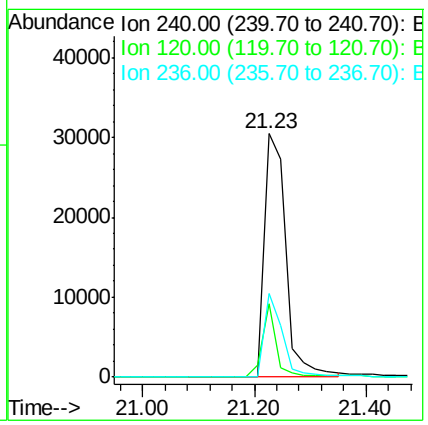


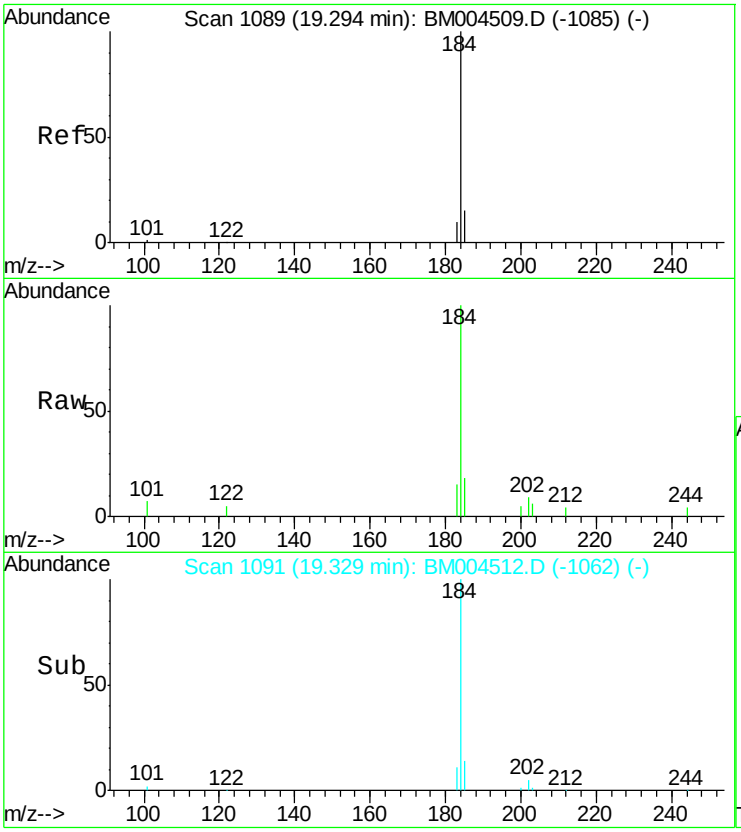


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:240 Resp: 80252

Ion	Ratio	Lower	Upper
240	100		
120	30.0	18.9	28.3#
236	34.2	26.4	39.6



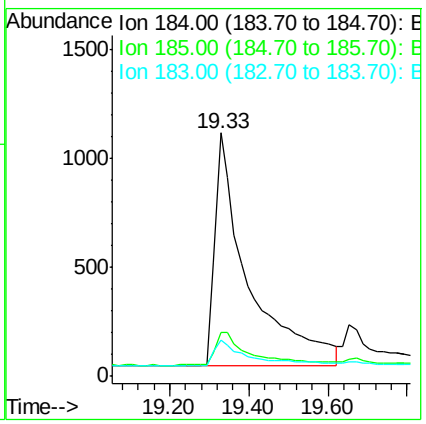


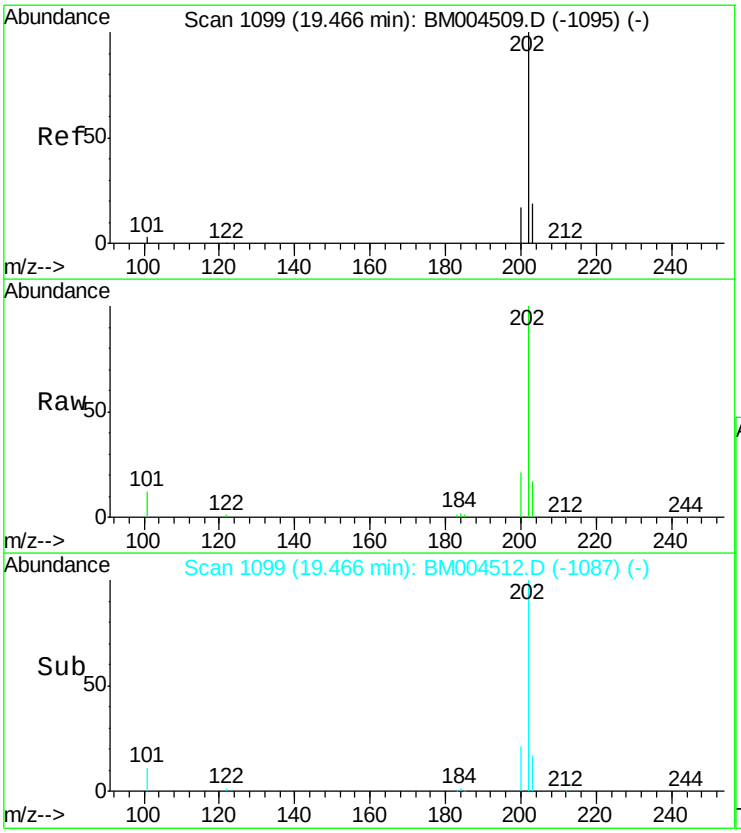
#27
Benzidine
Concen: 0.91 ng
RT: 19.33 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:184 Resp: 6147

Ion	Ratio	Lower	Upper
184	100		
185	18.0	15.0	22.4
183	15.1	12.6	19.0

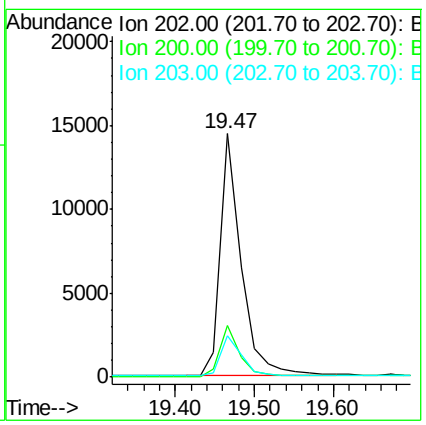


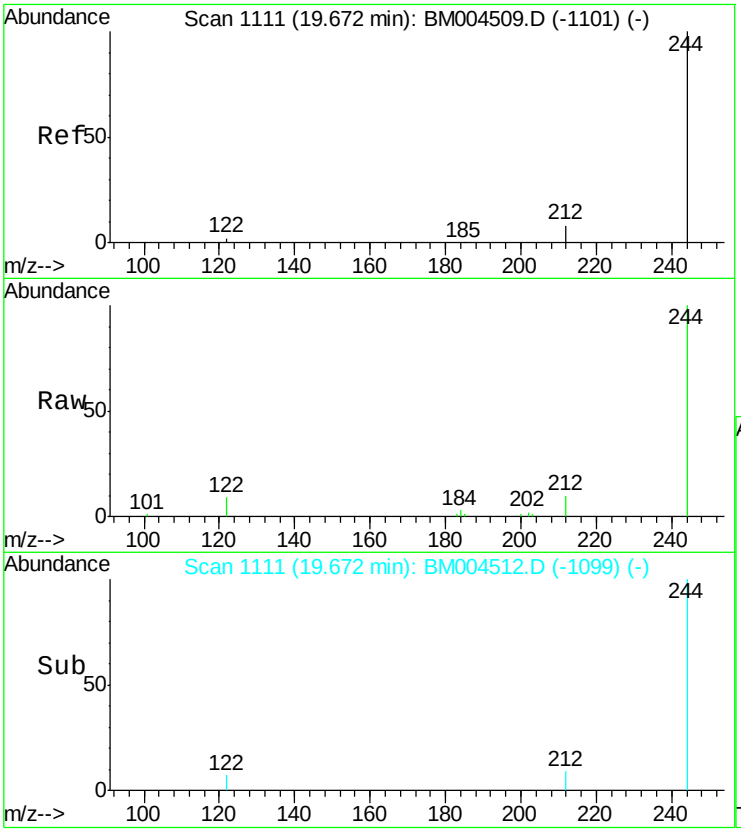


#28
Pyrene
Concen: 0.94 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:202 Resp: 26276

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	13.7	20.5



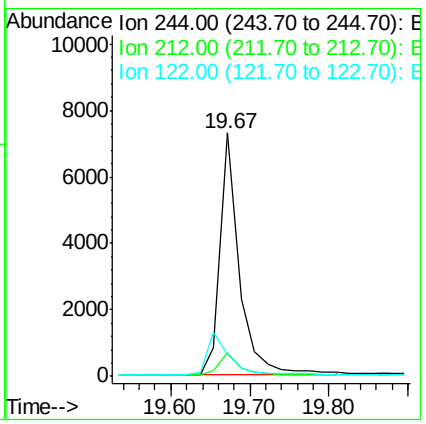


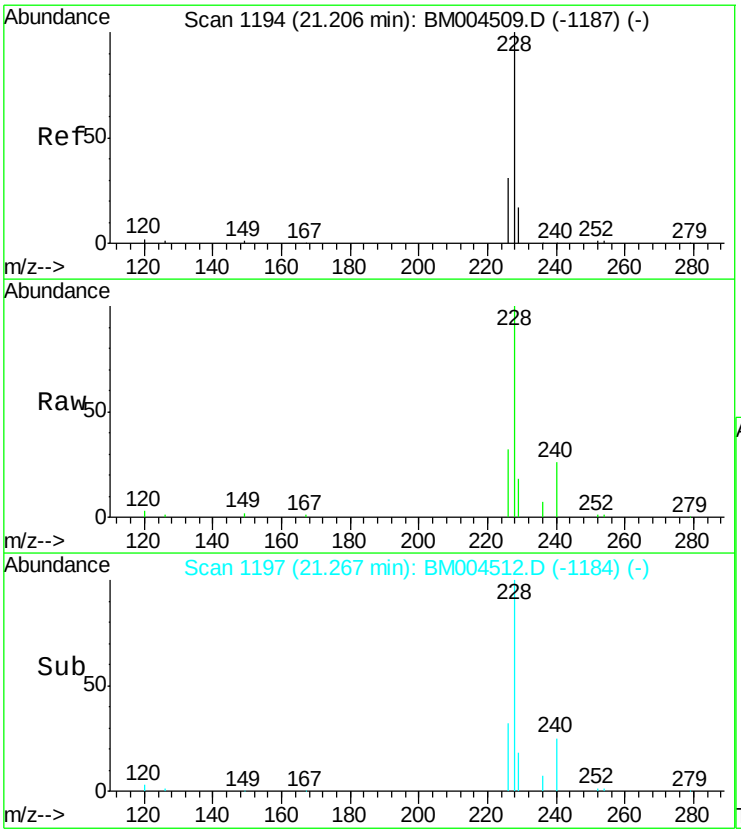
#29
Terphenyl-d14
Concen: 0.93 ng
RT: 19.67 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 12246

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.8	11.6
122	9.3	7.0	10.4

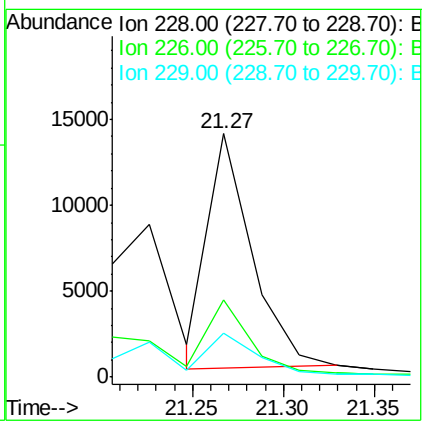


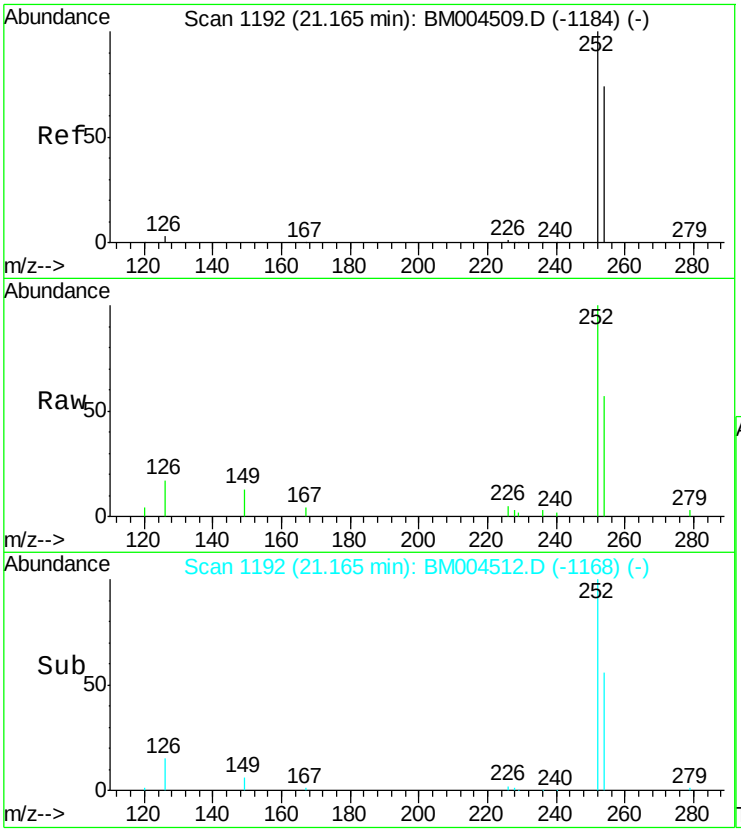


#30
Benzo(a)anthracene
Concen: 0.95 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.06 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:228 Resp: 22902

Ion	Ratio	Lower	Upper
228	100		
226	31.9	27.0	40.4
229	18.3	13.1	19.7



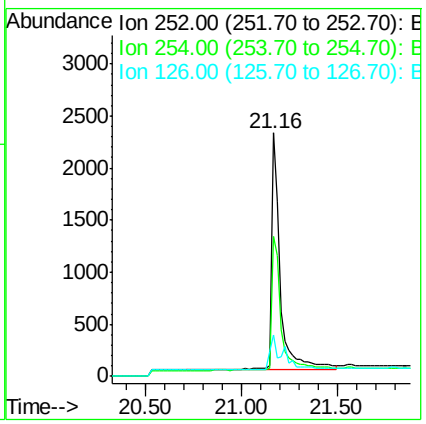


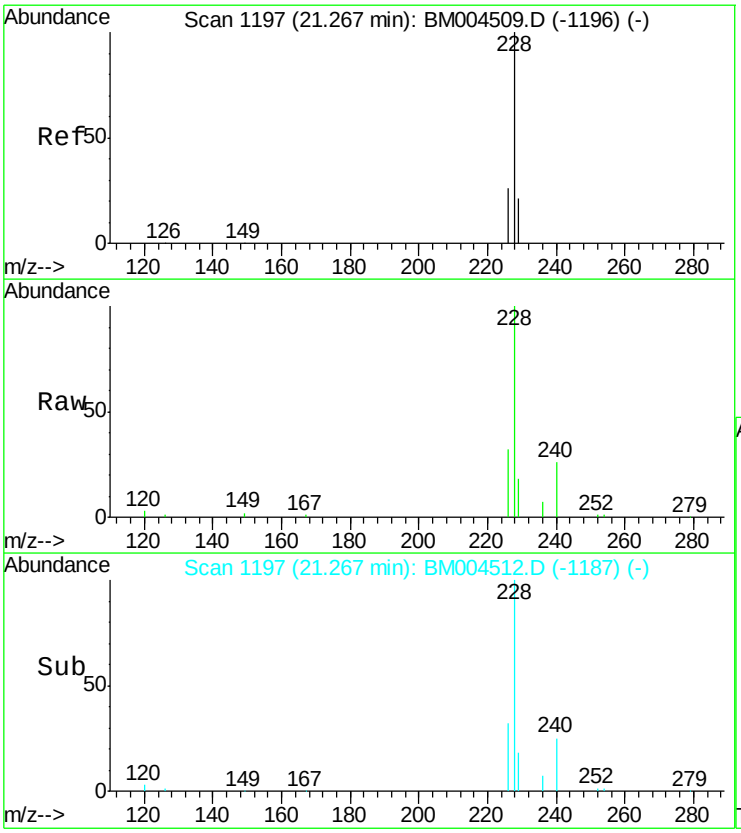
#31
3,3'-Dichlorobenzidine
Concen: 0.93 ng
RT: 21.16 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 7164

Ion	Ratio	Lower	Upper
252	100		
254	57.3	47.4	71.0
126	16.9	11.0	16.6#

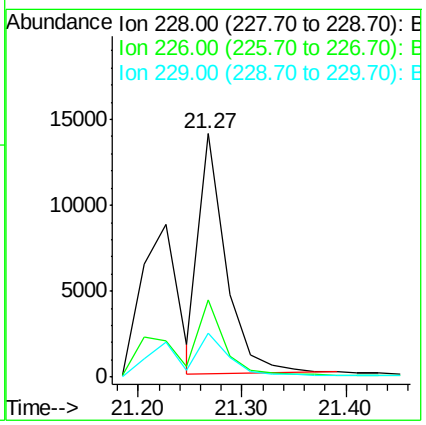


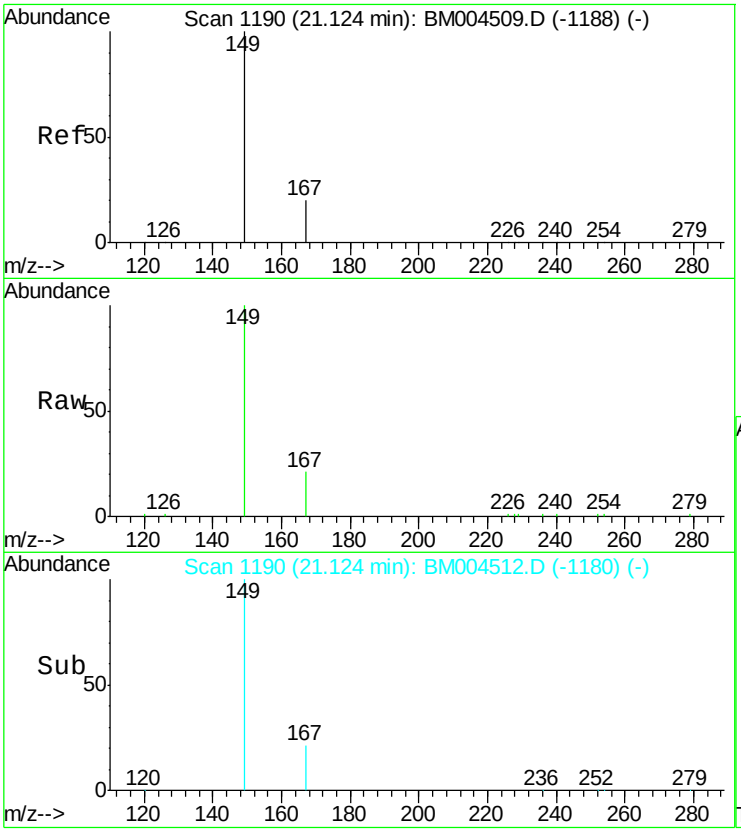


#32
Chrysene
Concen: 0.93 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:228 Resp: 25222

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	18.3	15.2	22.8



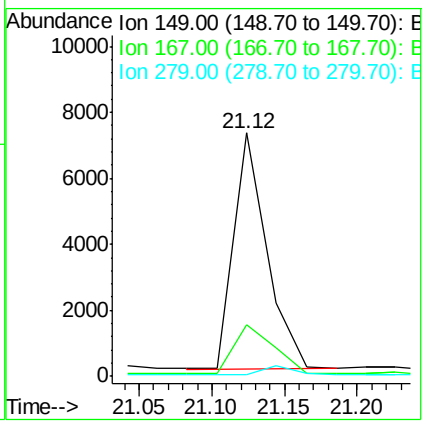


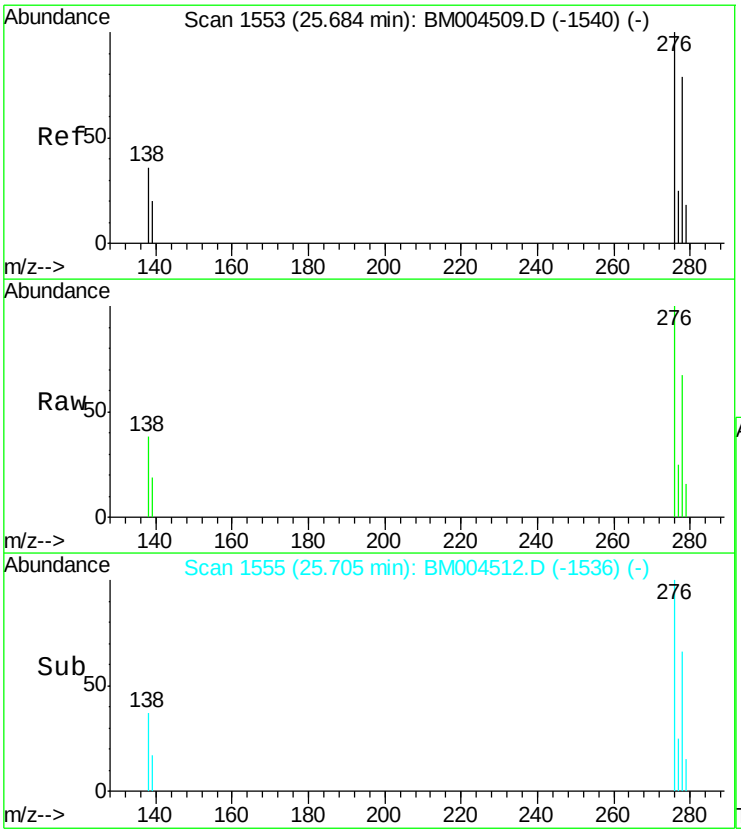
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.79 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:149 Resp: 11367

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.2	30.4
279	0.0	0.0	0.0

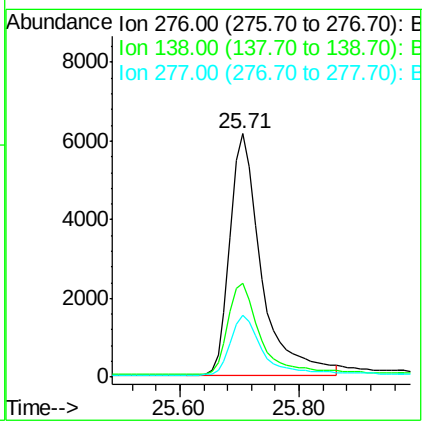


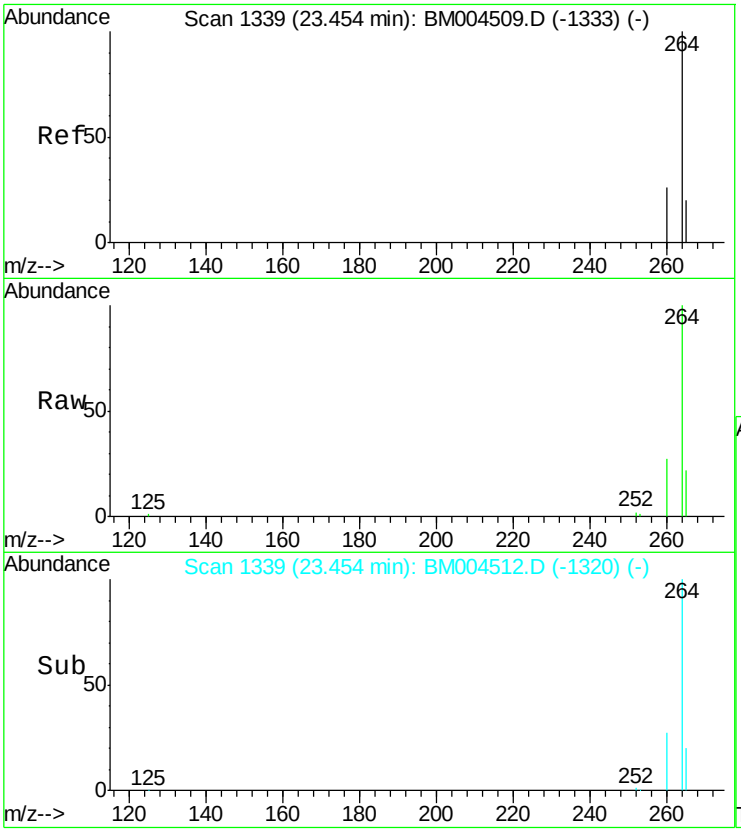


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.96 ng
RT: 25.71 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:276 Resp: 22508

Ion	Ratio	Lower	Upper
276	100		
138	39.0	31.0	46.4
277	24.8	19.9	29.9



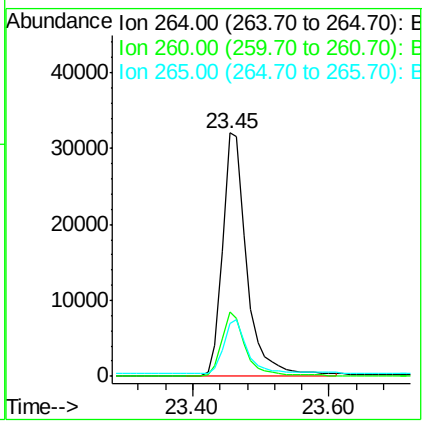


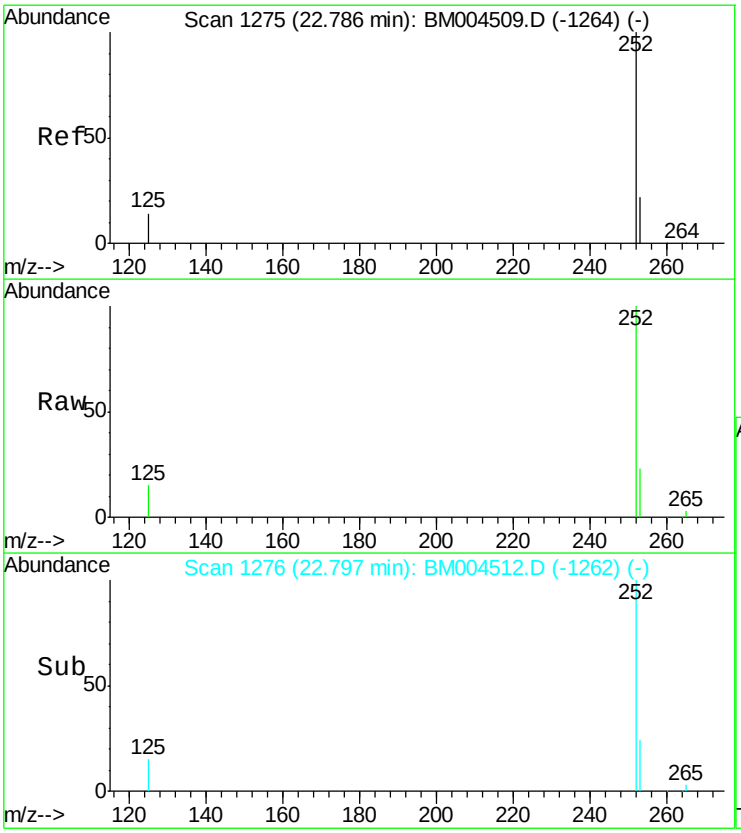
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 78553

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.2	31.8
265	21.5	17.4	26.0

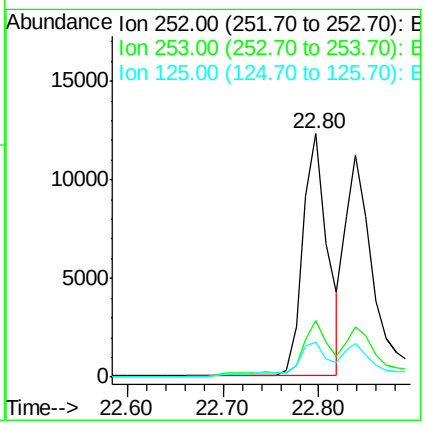


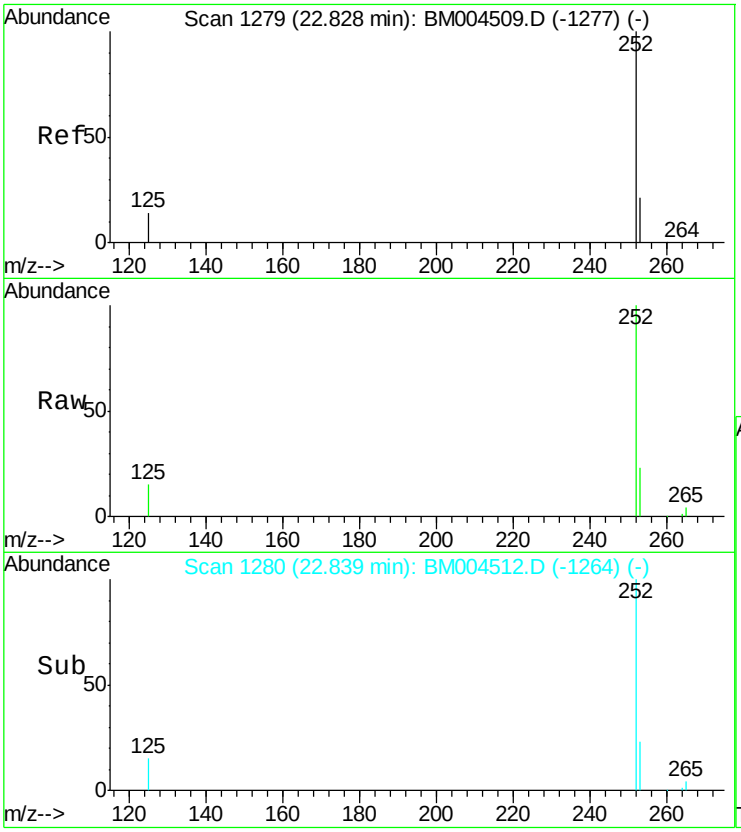


#36
Benzo(b)fluoranthene
Concen: 1.03 ng
RT: 22.80 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:252 Resp: 25054

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.4
125	14.6	11.7	17.5



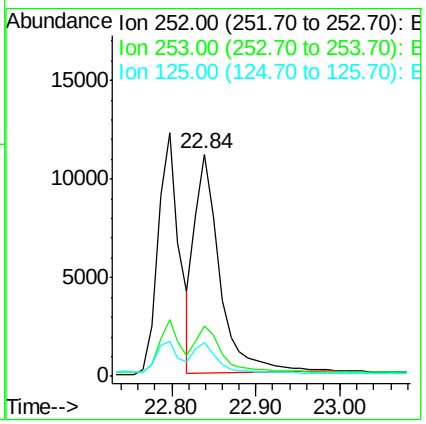


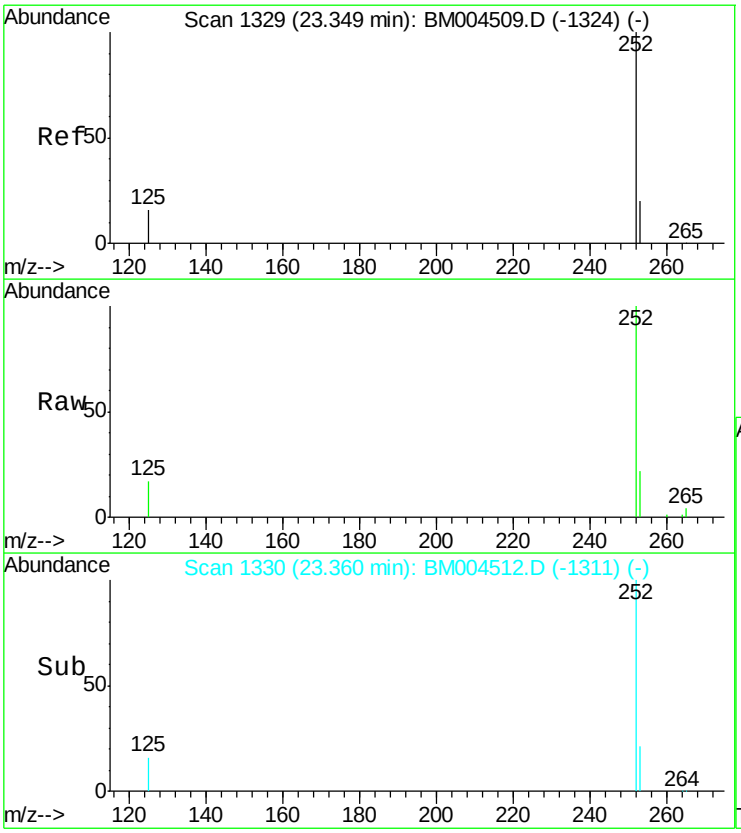
#37
Benzo(k)fluoranthene
Concen: 0.90 ng
RT: 22.84 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 22636

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.9	28.3
125	15.1	11.9	17.9

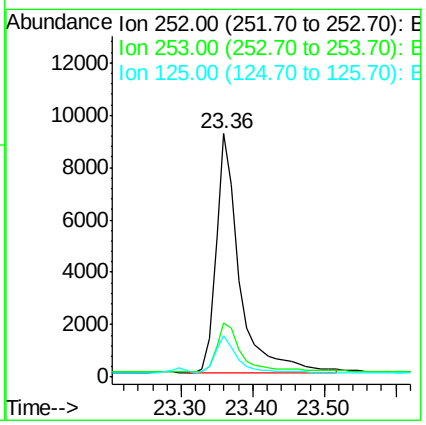


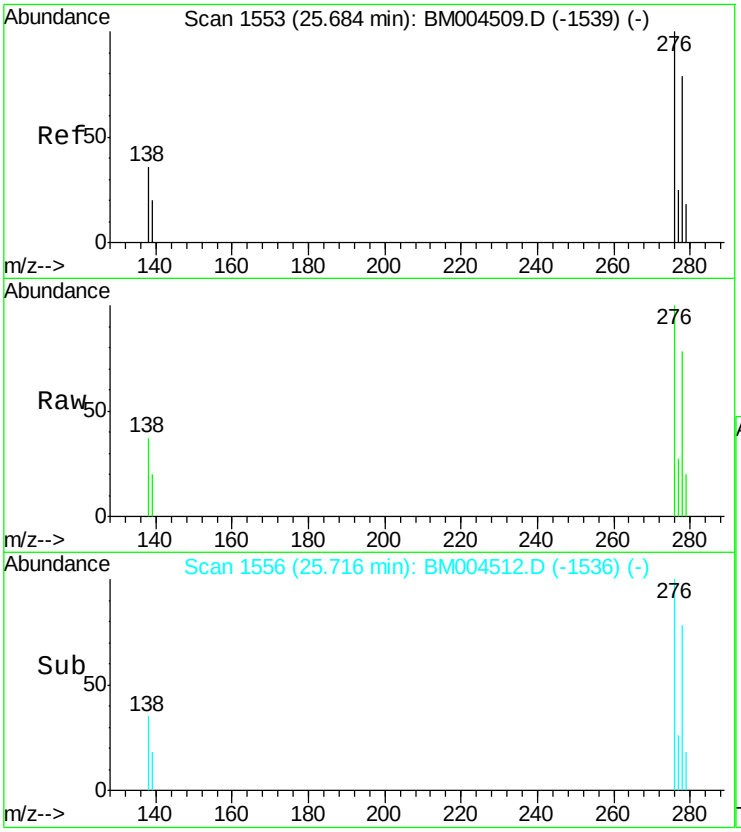


#38
Benzo(a)pyrene
Concen: 0.90 ng
RT: 23.36 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:252 Resp: 20943

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.6
125	17.0	13.7	20.5



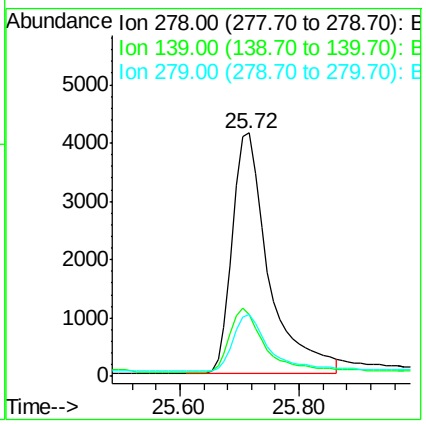


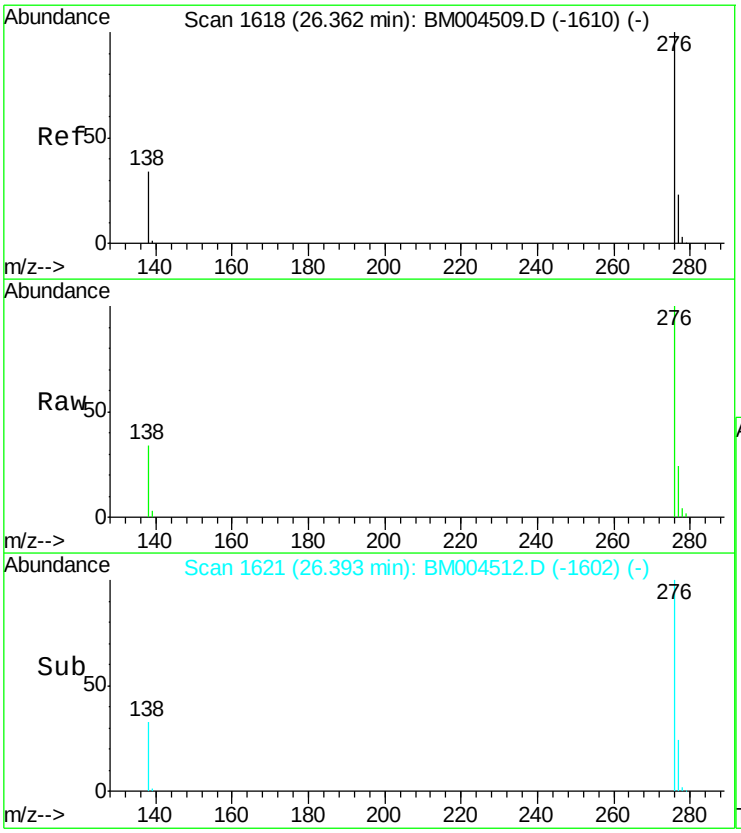
#39
Dibenzo(a,h)anthracene
Concen: 0.91 ng
RT: 25.72 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 17463

Ion	Ratio	Lower	Upper
278	100		
139	25.5	22.6	33.8
279	25.3	20.1	30.1





#40
Benzo(g,h,i)perylene
Concen: 0.91 ng
RT: 26.39 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BM004512.D
Acq: 02 Mar 2016 10:10

Tgt Ion:276 Resp: 19901

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	33.9	26.6	40.0