Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004490.D
Acq On : 01 Mar 2016 03:47
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC001EC

Quant Time: Mar 01 05:18:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:52:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	15491	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	62435	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	33368	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	72165	5.00	ng		0.00
26) Chrysene-d12	21.23	240	65208	5.00	ng		-0.01
35) Perylene-d12	23.45	264	62481	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	3156	0.88	ng		0.00
5) Phenol-d6	6.83	99	3831	0.94	ng		0.02
8) Nitrobenzene-d5	8.79	82	2894	0.91	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1105	0.86	ng		0.00
15) 2-Fluorobiphenyl	12.89	172	9843	0.96	ng		0.00
29) Terphenyl-d14	19.67	244	8737	1.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1446	0.94	ng		95
3) n-Nitrosodimethylamine	3.43	42	1371	0.87	ng		100
6) bis(2-Chloroethyl)ether	7.04	93	4026	0.94	ng		99
9) Nitrobenzene	8.84	77	3882	0.90	ng		99
10) Naphthalene	10.44	128	16734	0.94	ng		98
11) Hexachlorobutadiene	10.72	225	2776	0.97	ng		100
12) 2-Methylnaphthalene	12.08	142	10791	0.99	ng		96
16) Acenaphthylene	13.97	152	18014	0.94	ng		100
17) Acenaphthene	14.33	154	12136	0.97	ng		99
18) Fluorene	15.33	166	15332	1.01	ng		98
20) 4-Bromophenyl-phenylether	16.22	248	3817	1.08	ng	#	94
21) Hexachlorobenzene	16.35	284	4556	1.09	ng	#	100
22) Pentachlorophenol	16.73	266	781	1.01	ng		96
23) Phenanthrene	17.06	178	24361	1.03	ng		99
24) Anthracene	17.16	178	19007	0.89	ng		97
25) Fluoranthene	19.11	202	26119	0.96	ng		100
27) Benzidine	19.31	184	4994	0.80	ng	#	96
28) Pyrene	19.47	202	27778	1.08	ng		100
30) Benzo(a)anthracene	21.27	228	24953	1.04	ng		97
31) 3,3'-Dichlorobenzidine	21.16	252	14386	1.03	ng		90
32) Chrysene	21.27	228	26600	0.83	ng		93
33) Bis(2-ethylhexyl)phthalate	21.12	149	16980	0.91	ng	#	98
34) Indeno(1,2,3-cd)pyrene	25.69	276	23251	1.04	ng		99
36) Benzo(b)fluoranthene	22.79	252	27689	1.14	ng		97
37) Benzo(k)fluoranthene	22.84	252	24241	1.01	ng		98
38) Benzo(a)pyrene	23.36	252	21777	0.99	ng		98
39) Dibenzo(a,h)anthracene	25.69	278	18310	0.96	ng		98
40) Benzo(g,h,i)perylene	26.38	276	20184	0.96	ng		99

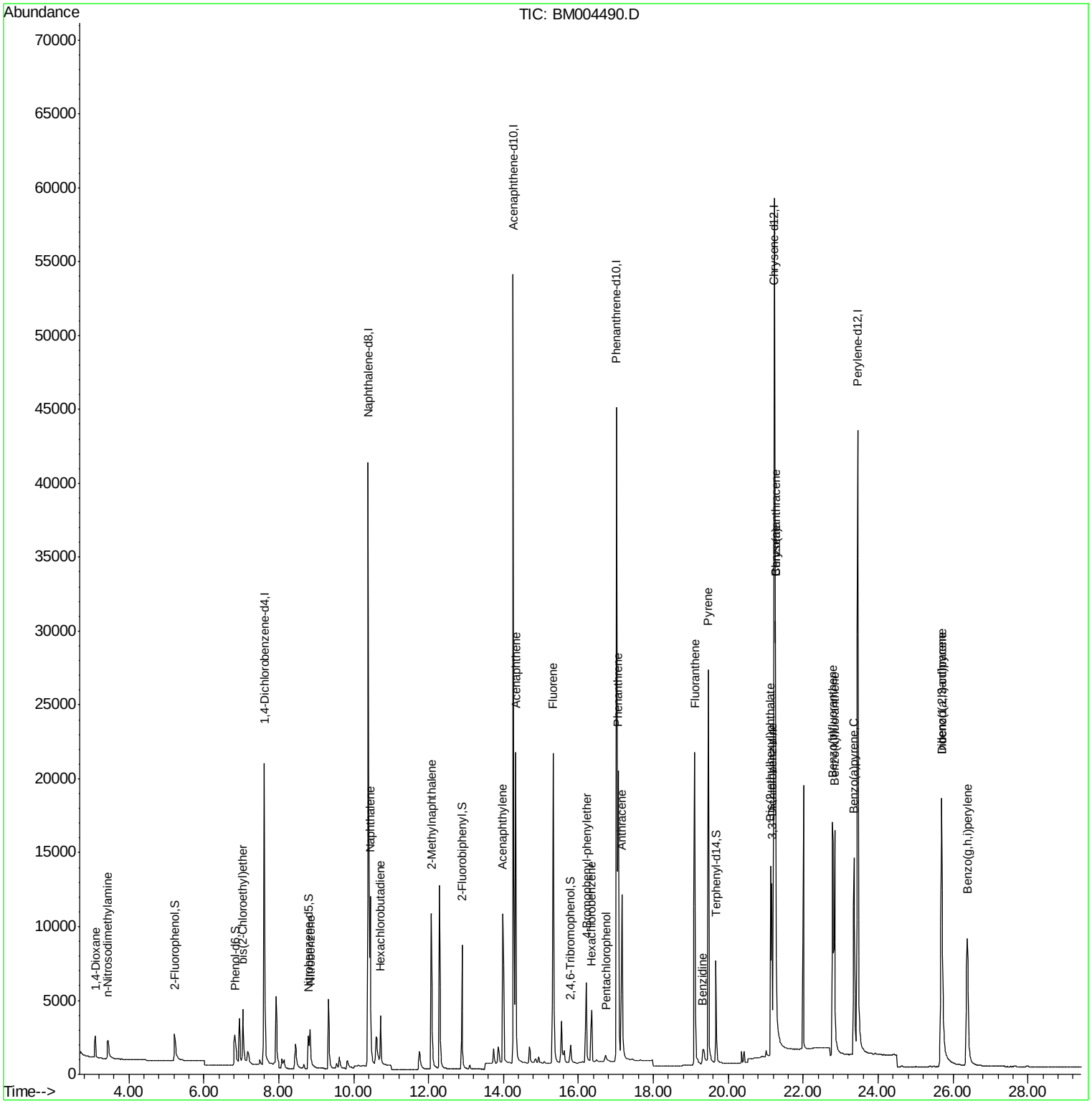
(#) = qualifier out of range (m) = manual integration (+) = signals summed

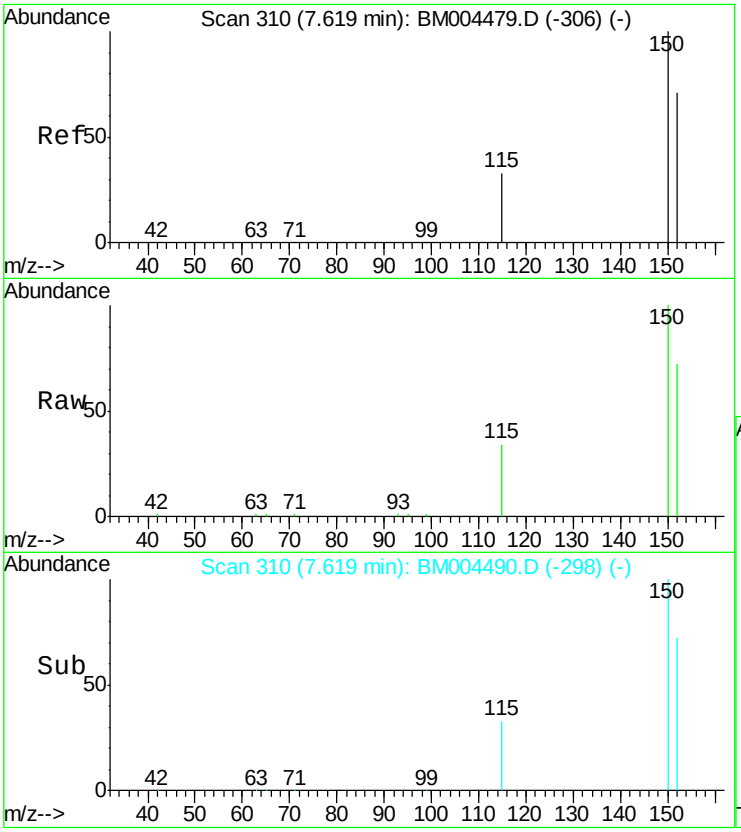
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004490.D
Acq On : 01 Mar 2016 03:47
Operator : SJ/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Quant Time: Mar 01 05:18:54 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:52:28 2016
Response via : Initial Calibration



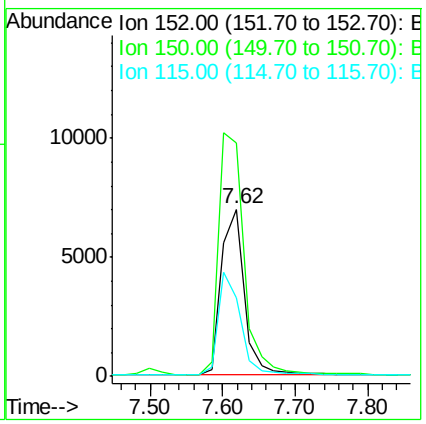


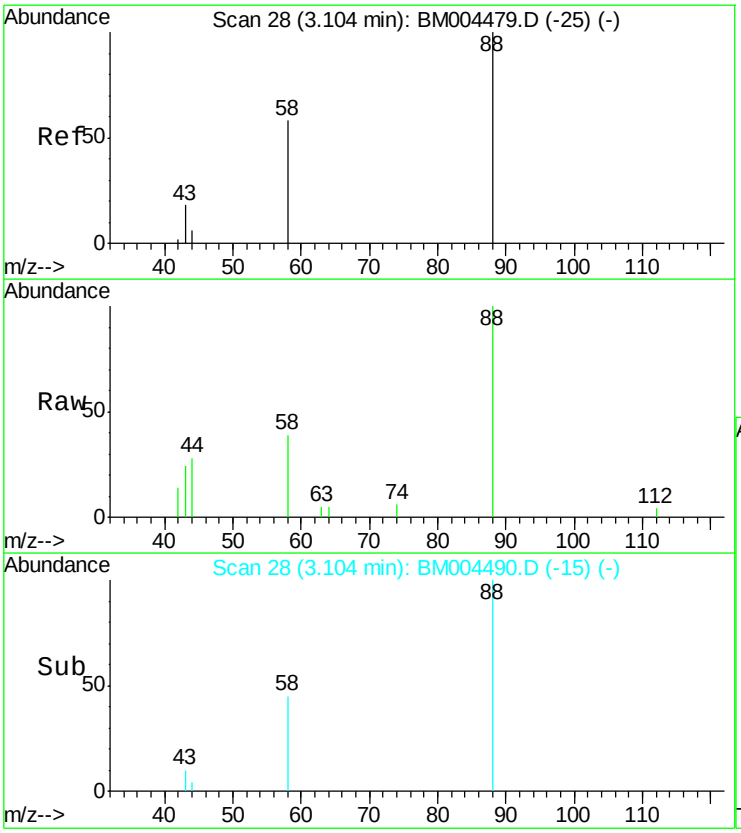
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 310
Delta R.T. -0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 15491

Ion	Ratio	Lower	Upper
152	100		
150	139.4	111.9	167.9
115	46.9	37.7	56.5

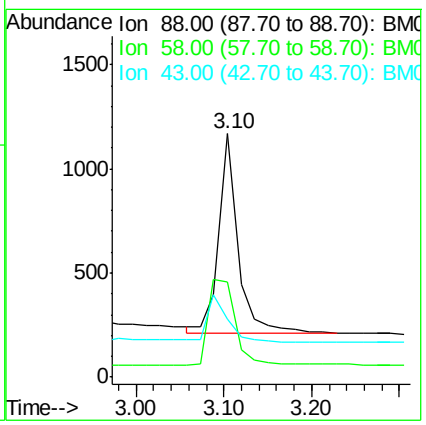


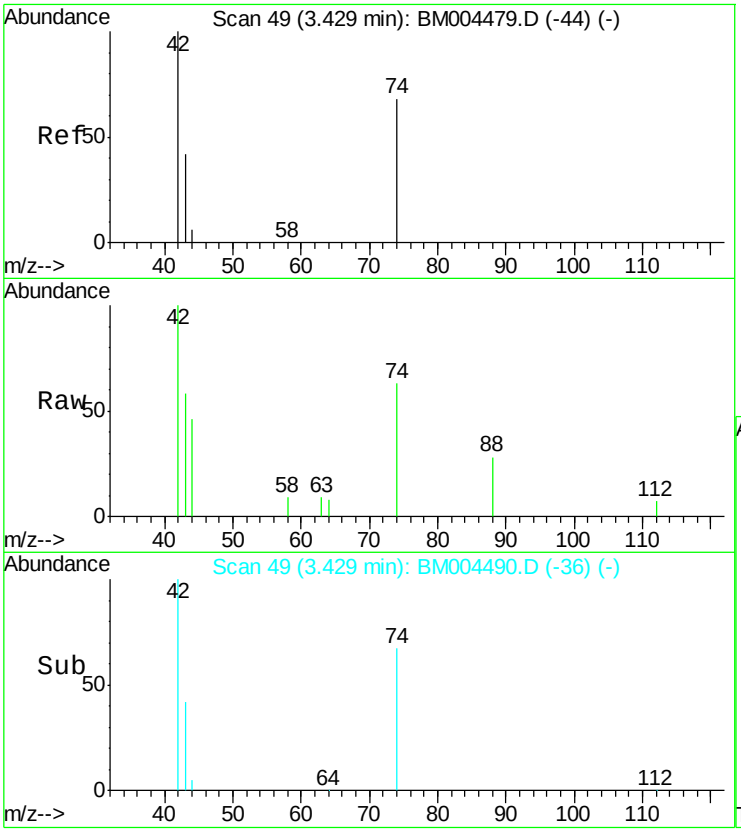


#2
1,4-Dioxane
Concen: 0.94 ng
RT: 3.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion: 88 Resp: 1446

Ion	Ratio	Lower	Upper
88	100		
58	60.0	45.4	68.0
43	27.2	19.3	28.9



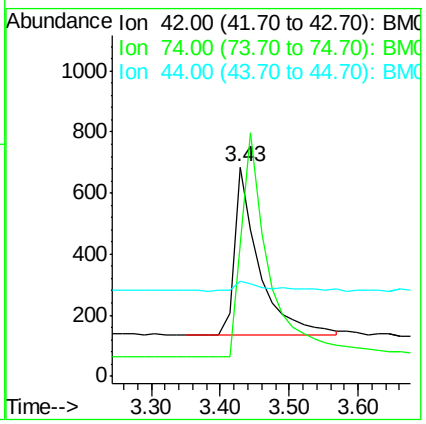


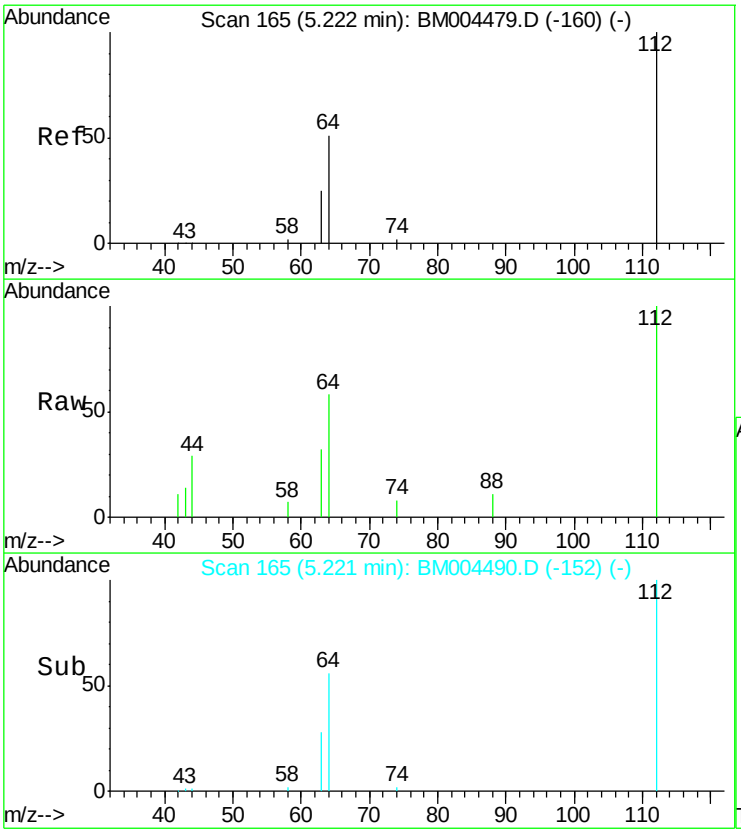
#3
n-Nitrosodimethylamine
Concen: 0.87 ng
RT: 3.43 min Scan# 49
Delta R.T. -0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 1371

Ion	Ratio	Lower	Upper
42	100		
74	147.7	117.8	176.8
44	8.4	6.1	9.1

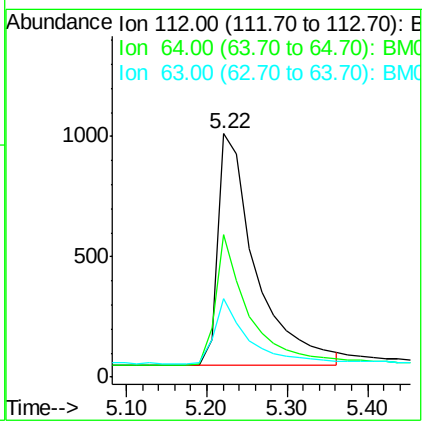


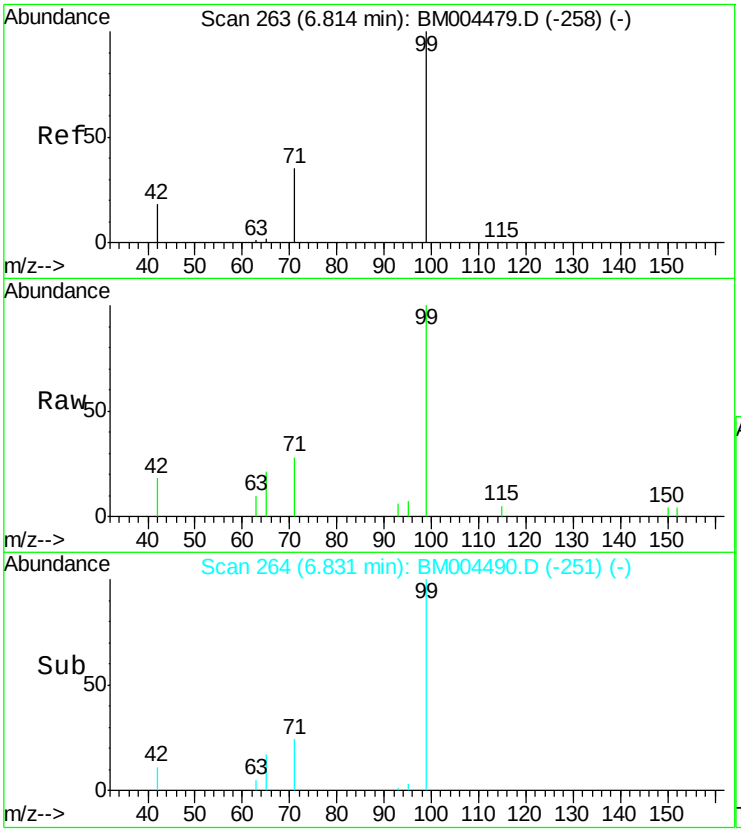


#4
2-Fluorophenol
Concen: 0.88 ng
RT: 5.22 min Scan# 165
Delta R.T. -0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:112 Resp: 3156

Ion	Ratio	Lower	Upper
112	100		
64	49.0	39.6	59.4
63	24.6	20.0	30.0



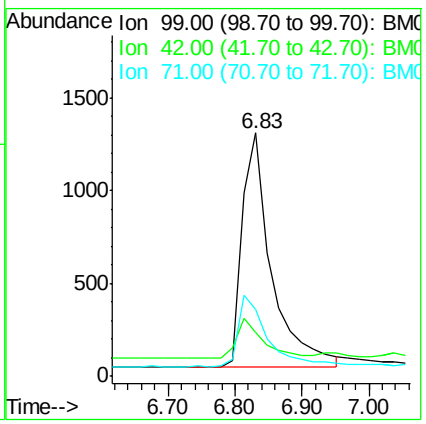


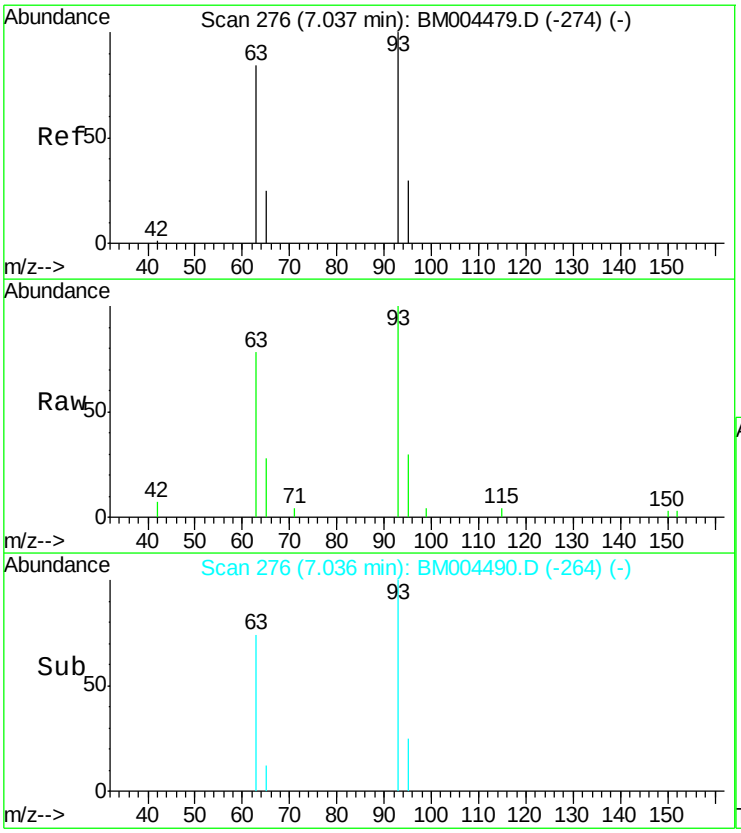
#5
Phenol-d6
Concen: 0.94 ng
RT: 6.83 min Scan# 264
Delta R.T. 0.02 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 3831

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	29.8	23.4	35.2

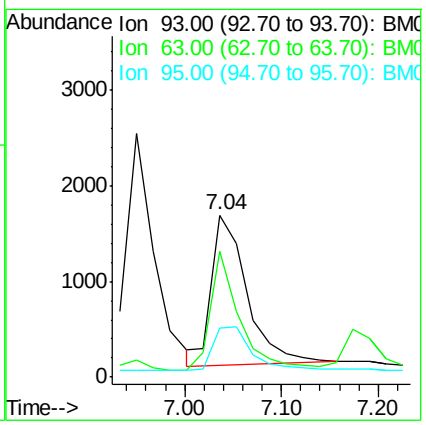


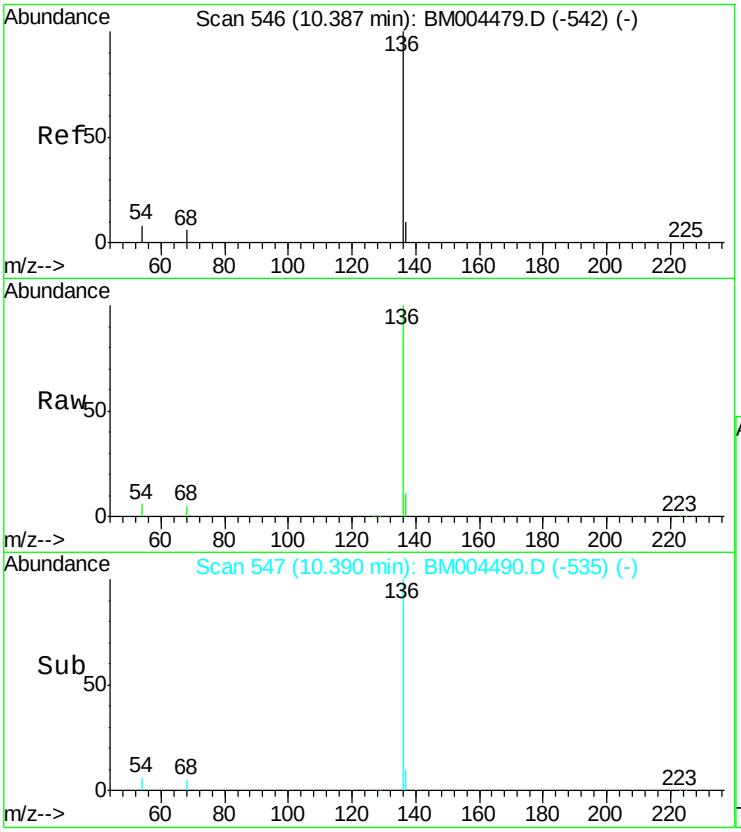


#6
bis(2-Chloroethyl)ether
Concen: 0.94 ng
RT: 7.04 min Scan# 276
Delta R.T. -0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion: 93 Resp: 4026

Ion	Ratio	Lower	Upper
93	100		
63	65.5	51.7	77.5
95	32.9	25.4	38.2



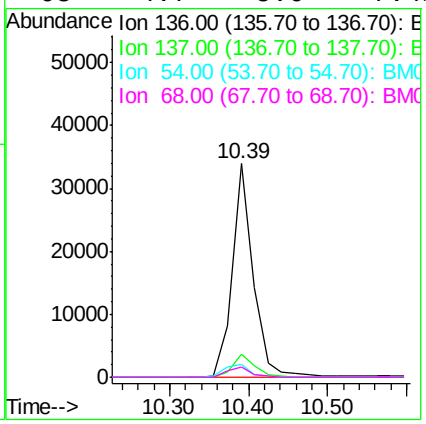


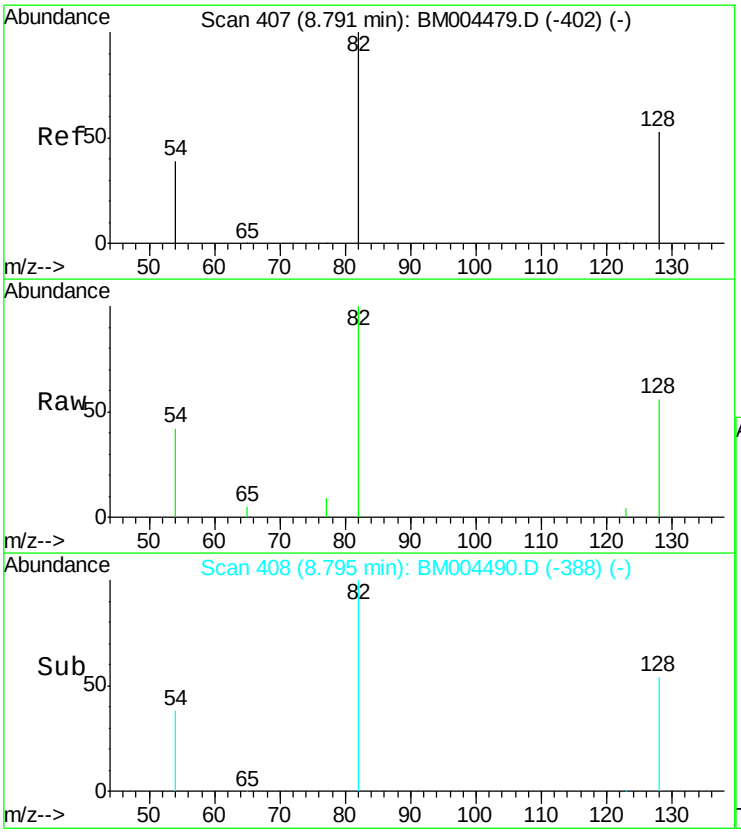
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:136 Resp: 62435

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	5.8	6.4	9.6#
68	4.7	5.0	7.4#

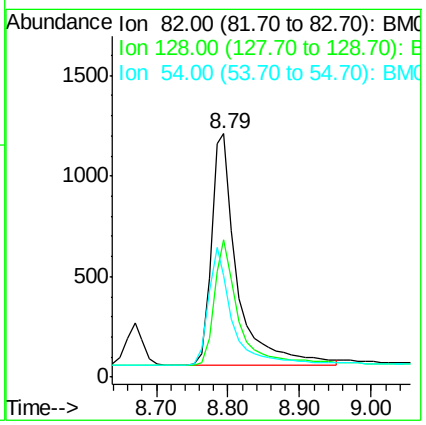


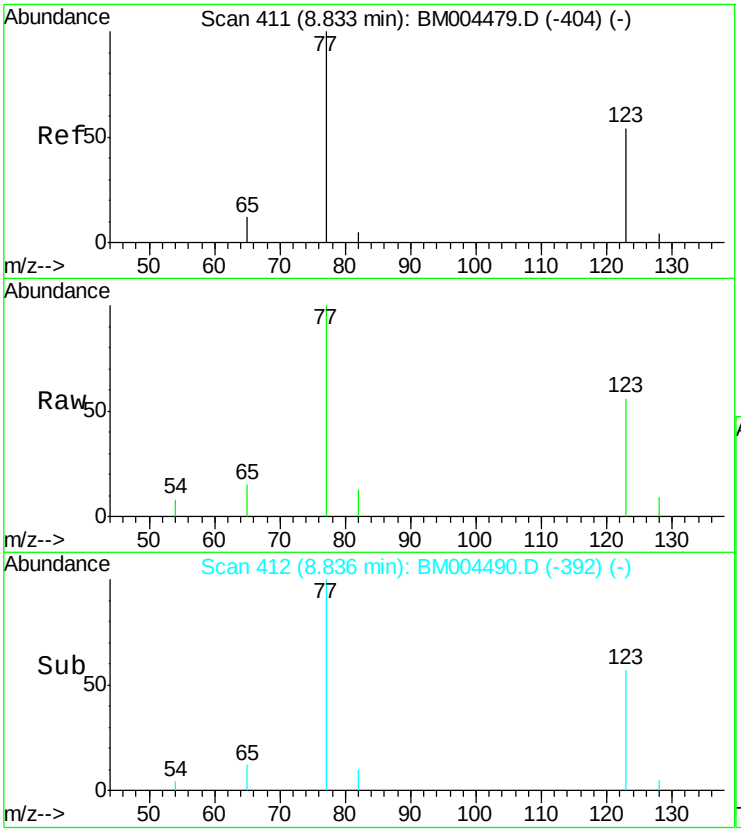


#8
Nitrobenzene-d5
Concen: 0.91 ng
RT: 8.79 min Scan# 408
Delta R.T. 0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion: 82 Resp: 2894

Ion	Ratio	Lower	Upper
82	100		
128	56.5	43.7	65.5
54	41.5	33.5	50.3



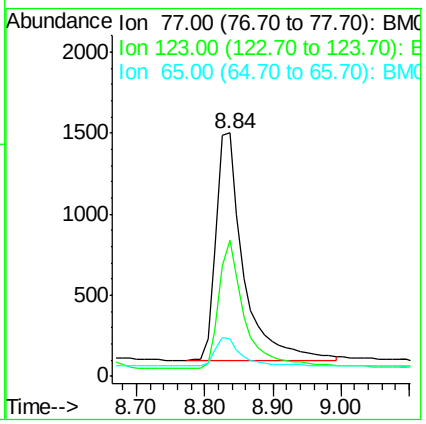


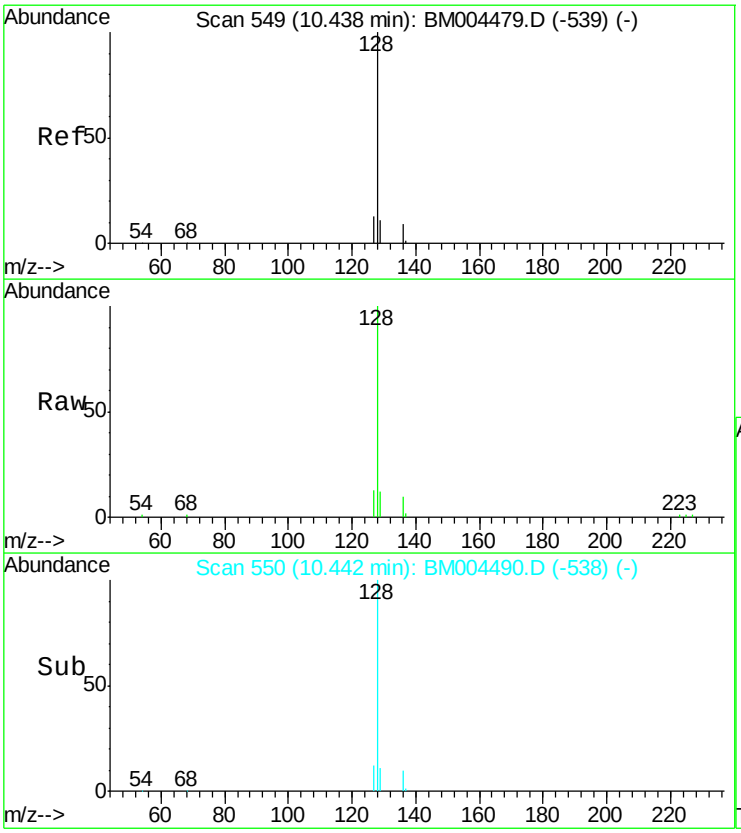
#9
Nitrobenzene
Concen: 0.90 ng
RT: 8.84 min Scan# 412
Delta R.T. 0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 77 Resp: 3882

Ion	Ratio	Lower	Upper
77	100		
123	53.9	42.2	63.2
65	12.5	10.0	15.0

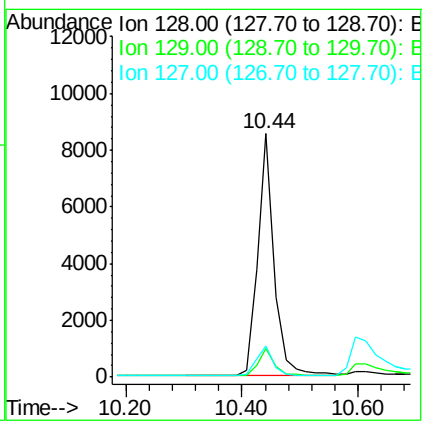


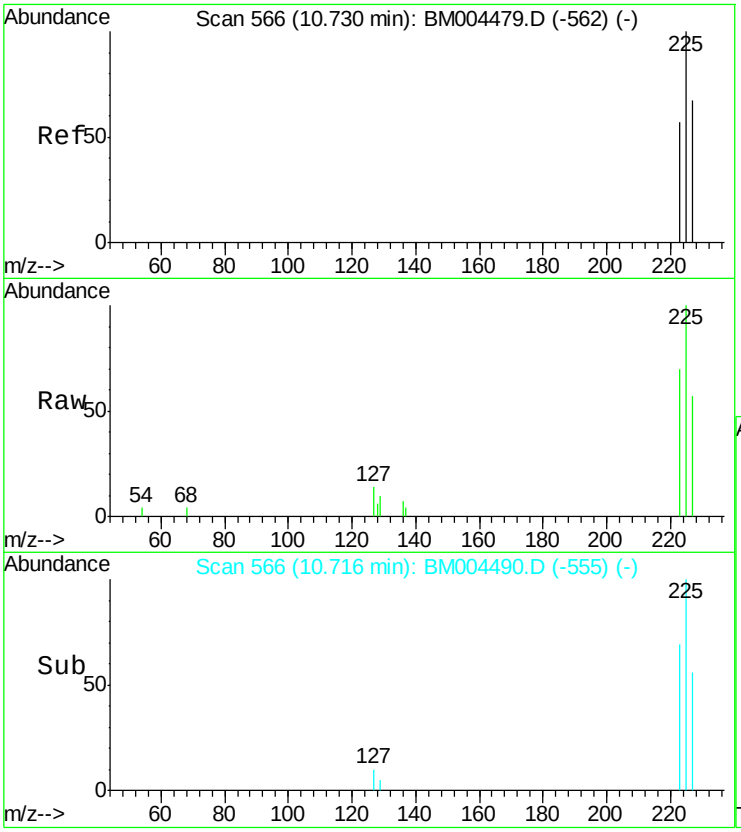


#10
Naphthalene
Concen: 0.94 ng
RT: 10.44 min Scan# 550
Delta R.T. 0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:128 Resp: 16734

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	12.8	10.9	16.3



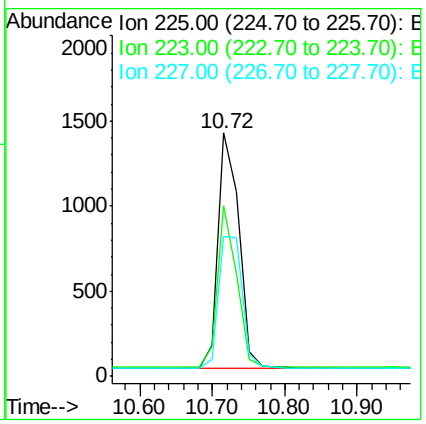


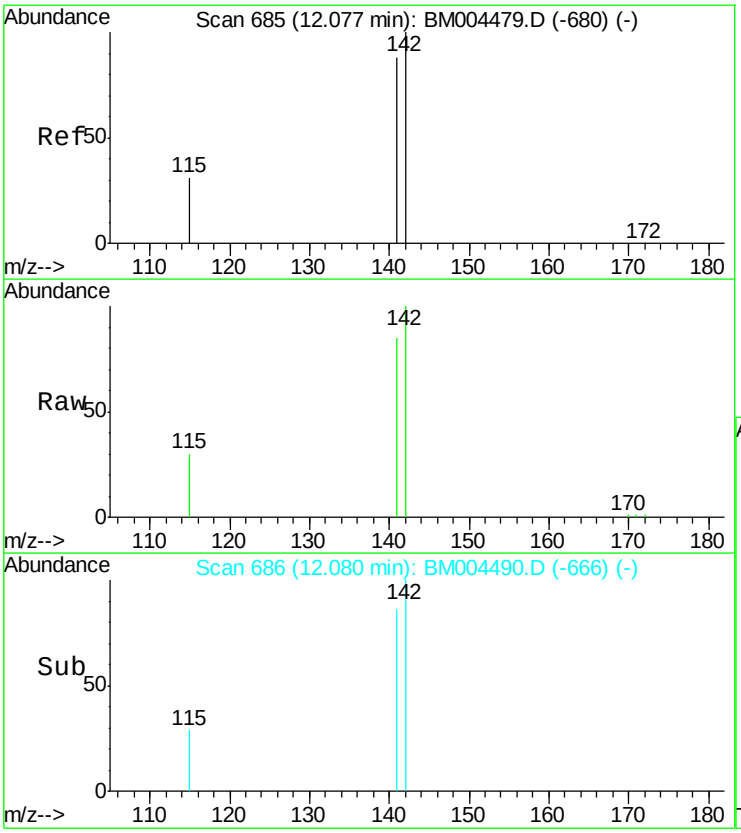
#11
Hexachlorobutadiene
Concen: 0.97 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:225 Resp: 2776

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.4	50.6	75.8

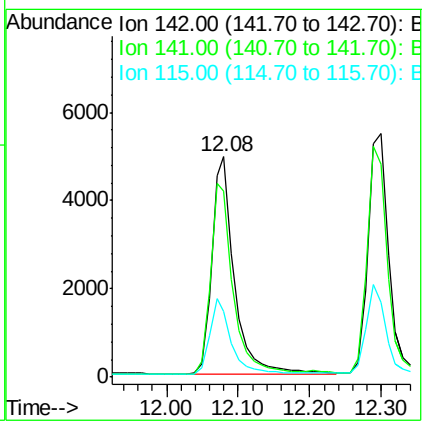


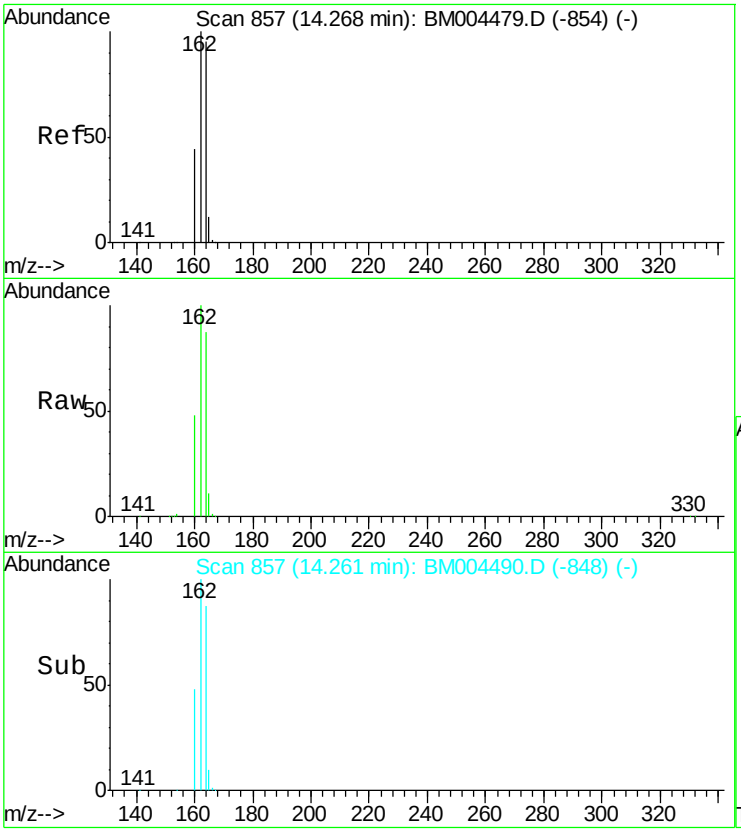


#12
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.08 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:142 Resp: 10791

Ion	Ratio	Lower	Upper
142	100		
141	84.7	70.2	105.2
115	29.9	25.8	38.6



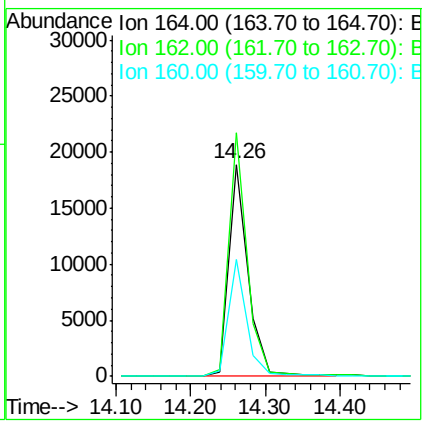


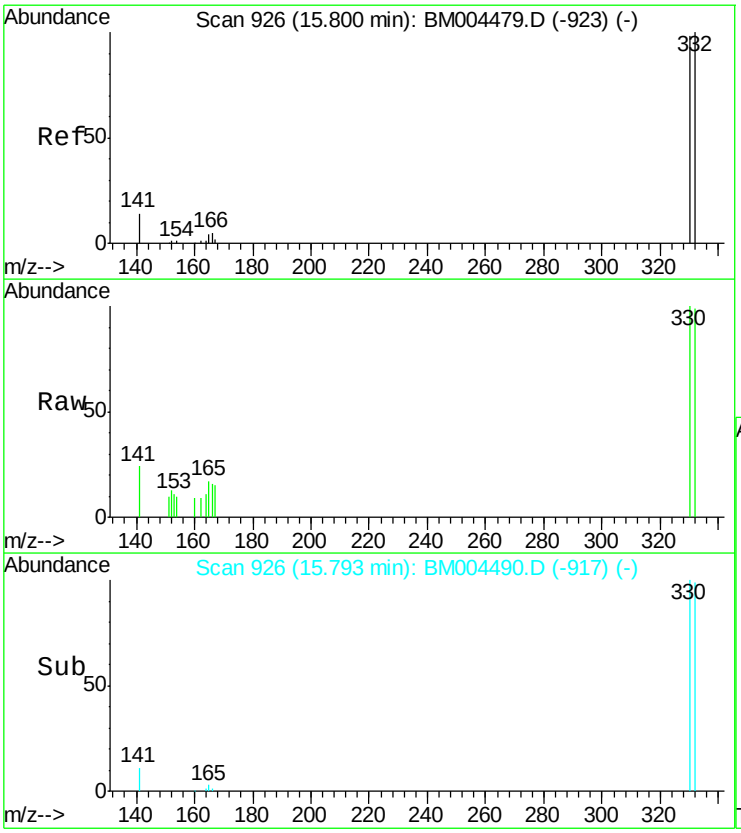
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:164 Resp: 33368

Ion	Ratio	Lower	Upper
164	100		
162	115.0	84.2	126.4
160	55.4	37.4	56.2

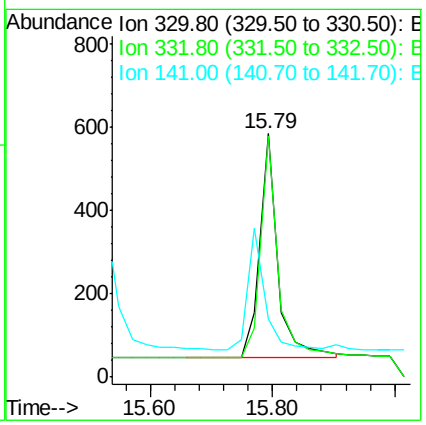


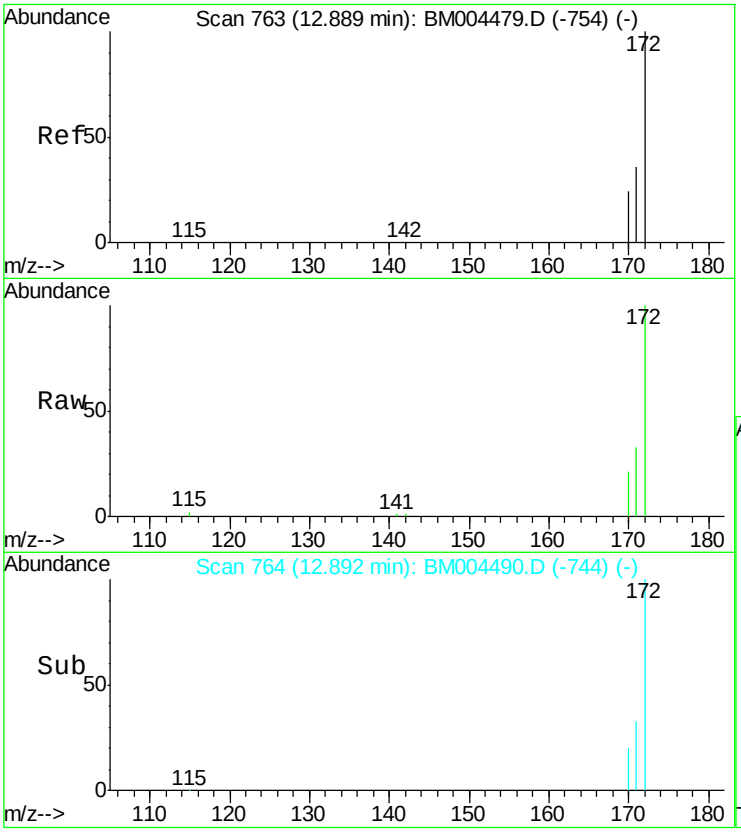


#14
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 15.79 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:330 Resp: 1105

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.1	114.1
141	0.0	0.0	0.0



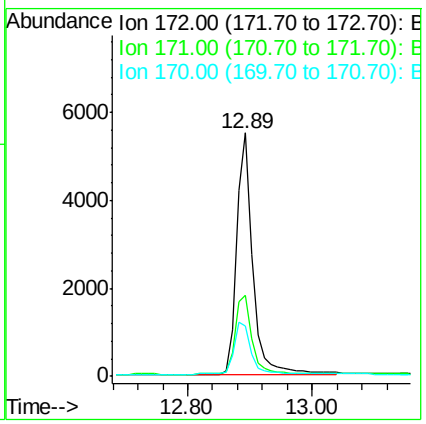


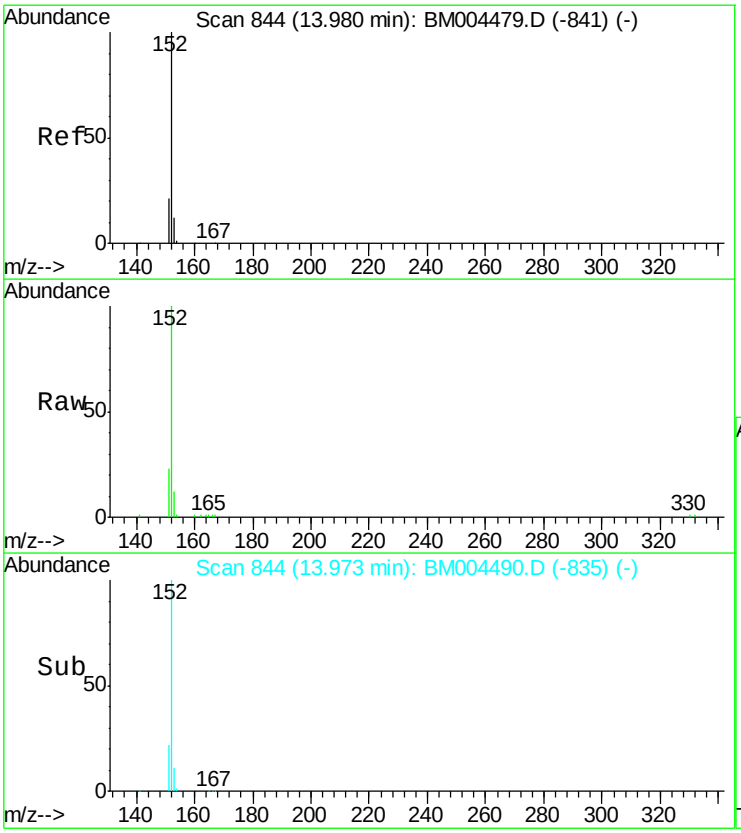
#15
2-Fluorobiphenyl
Concen: 0.96 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:172 Resp: 9843

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.2	43.8
170	20.9	19.7	29.5

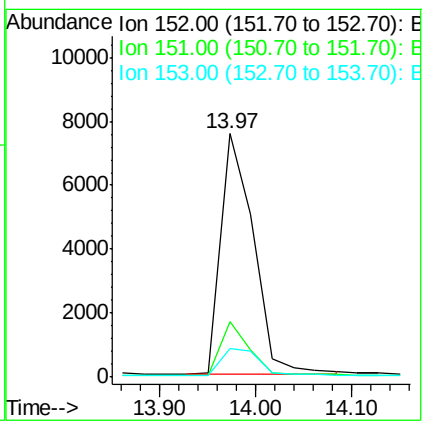


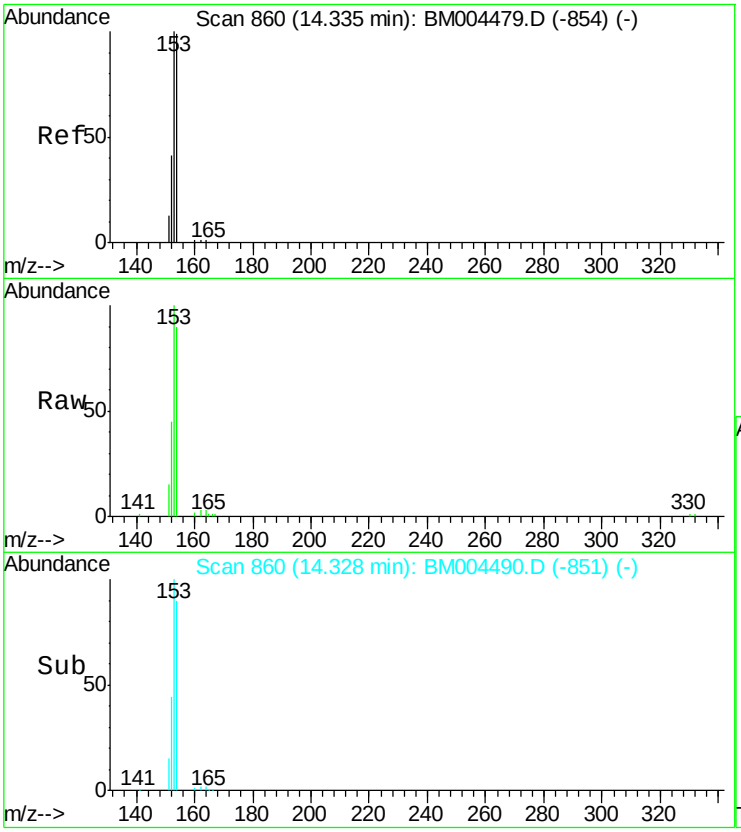


#16
Acenaphthylene
Concen: 0.94 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:152 Resp: 18014

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



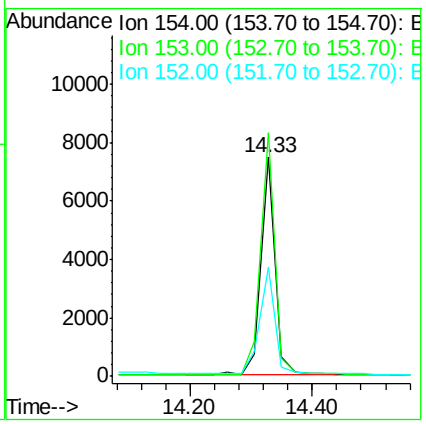


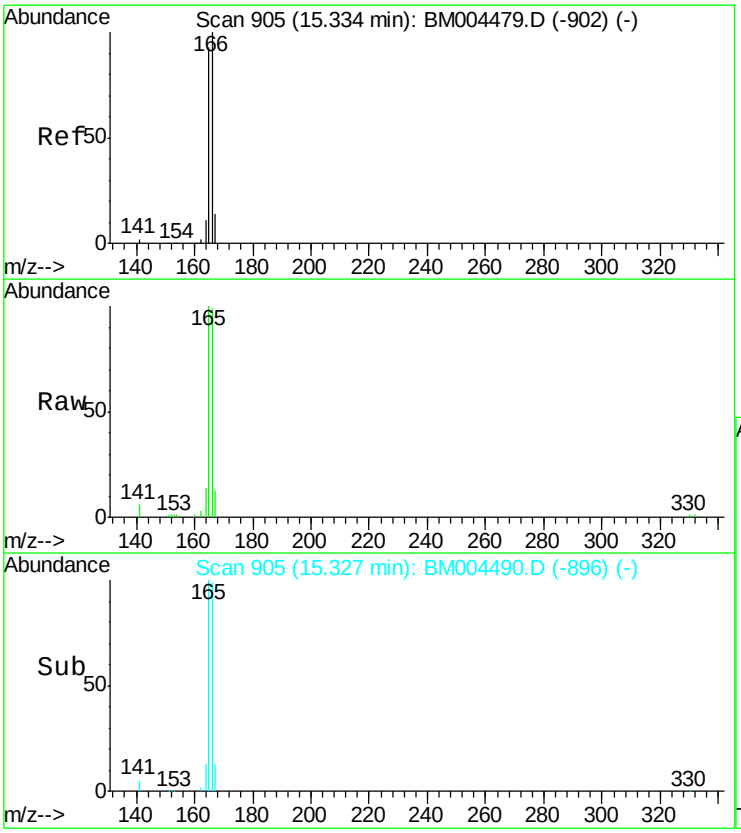
#17
Acenaphthene
Concen: 0.97 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:154 Resp: 12136

Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.0	132.0
152	51.3	41.1	61.7

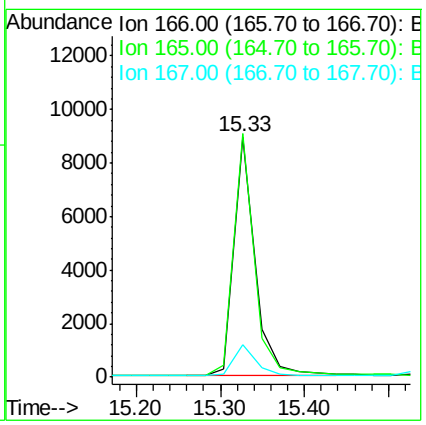


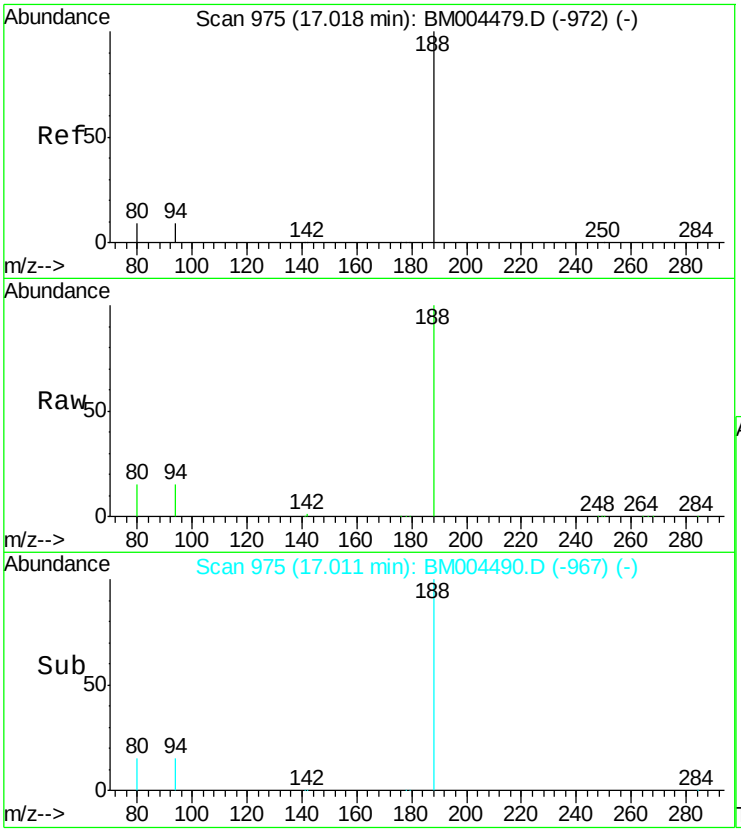


#18
Fluorene
Concen: 1.01 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:166 Resp: 15332

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.2	115.8
167	13.2	10.9	16.3



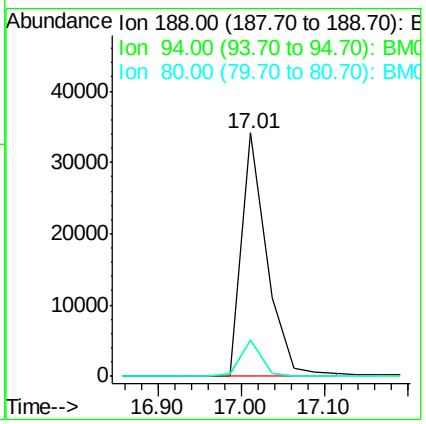


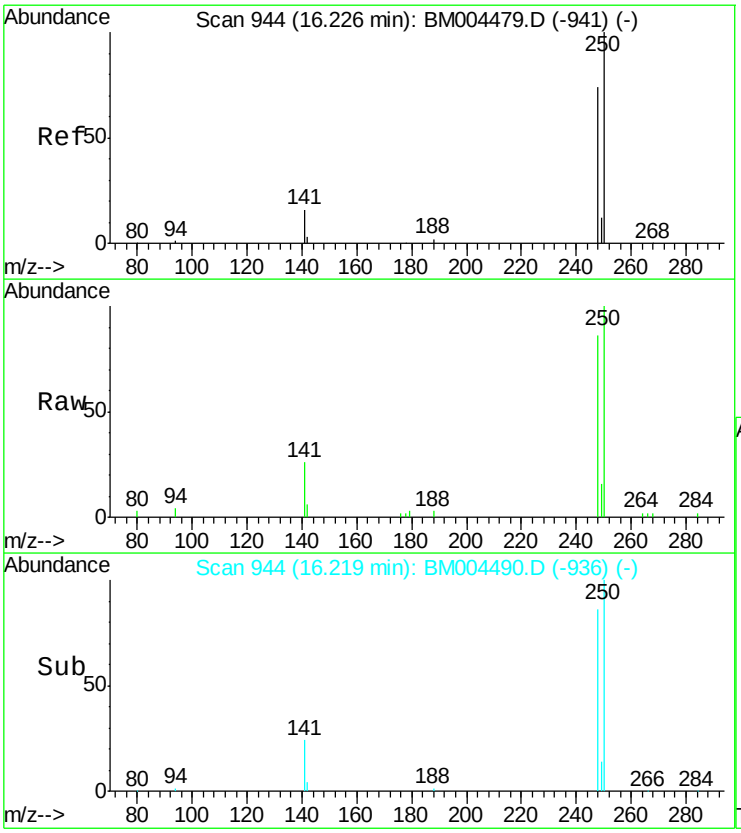
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:188 Resp: 72165

Ion	Ratio	Lower	Upper
188	100		
94	14.8	7.4	11.0#
80	14.8	6.9	10.3#

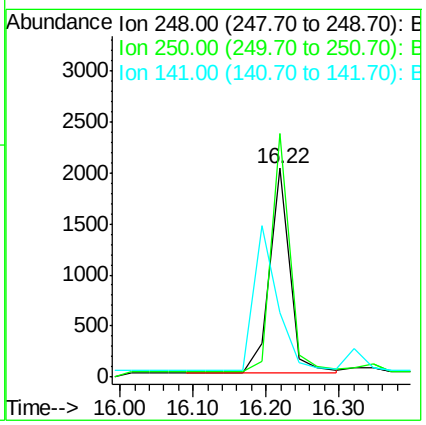


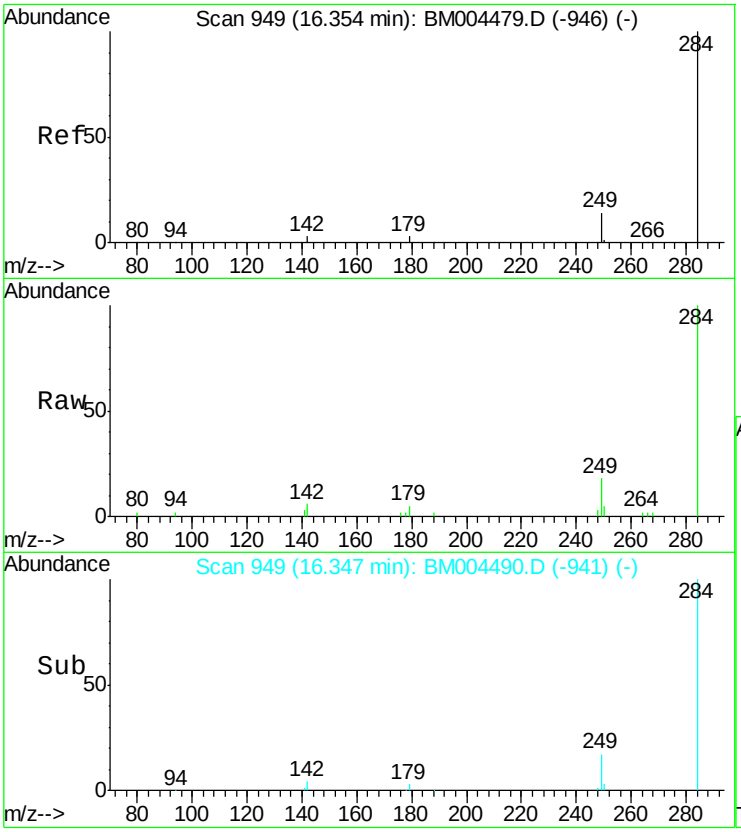


#20
4-Bromophenyl-phenylether
Concen: 1.08 ng
RT: 16.22 min Scan# 944
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:248 Resp: 3817

Ion	Ratio	Lower	Upper
248	100		
250	107.9	81.5	122.3
141	0.0	0.0	0.0



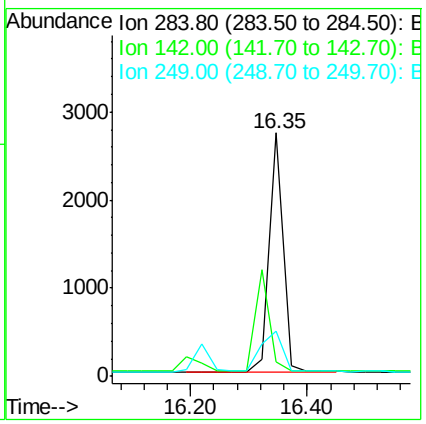


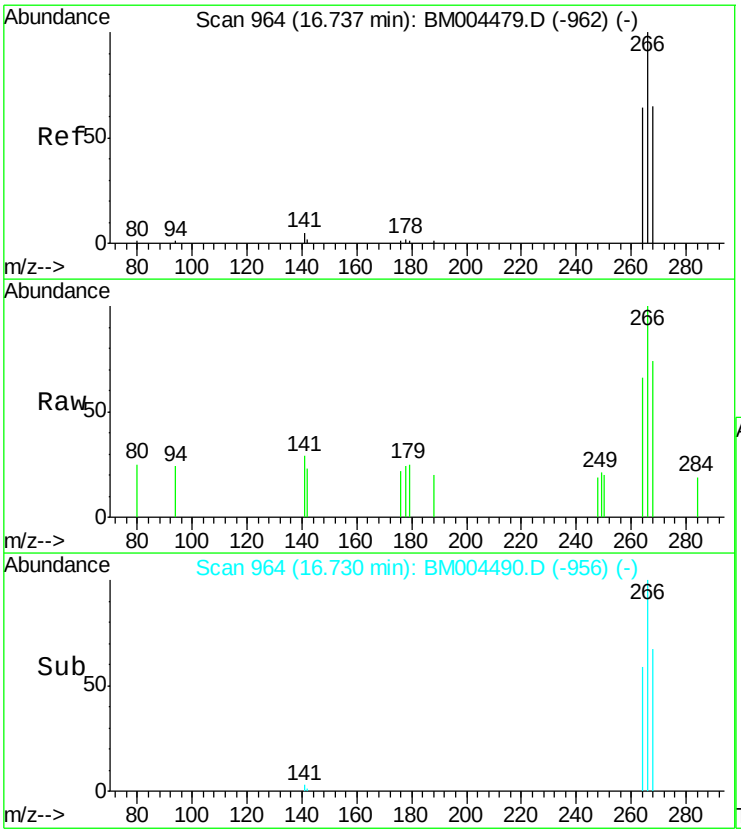
#21
Hexachlorobenzene
Concen: 1.09 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:284 Resp: 4556

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	25.7	0.0	0.0#

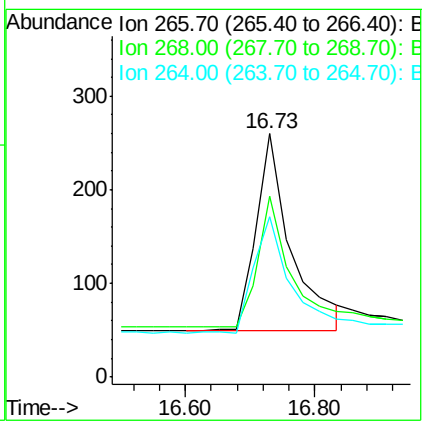


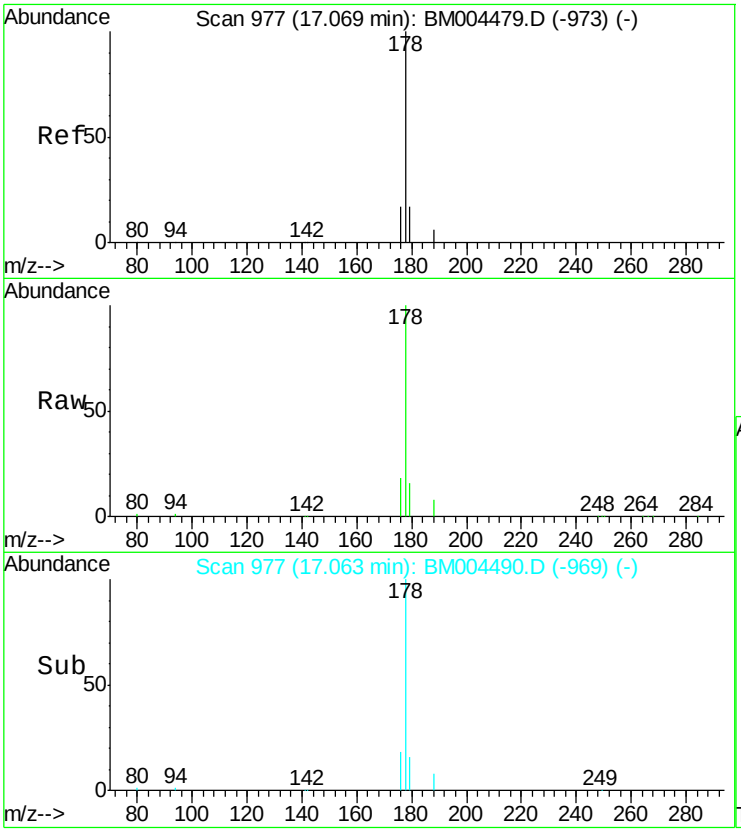


#22
Pentachlorophenol
Concen: 1.01 ng
RT: 16.73 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:266 Resp: 781

Ion	Ratio	Lower	Upper
266	100		
268	74.2	60.7	91.1
264	65.8	57.1	85.7



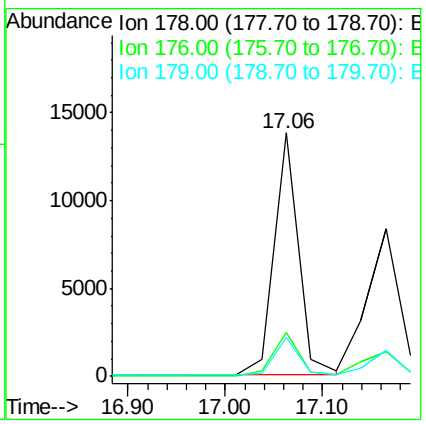


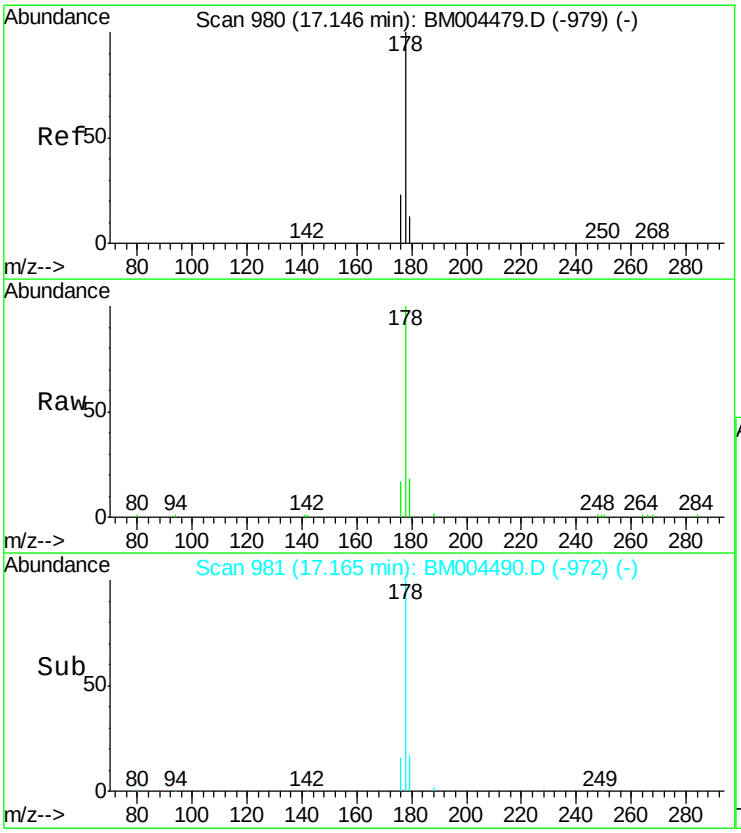
#23
Phenanthrene
Concen: 1.03 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 24361

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.6	12.9	19.3

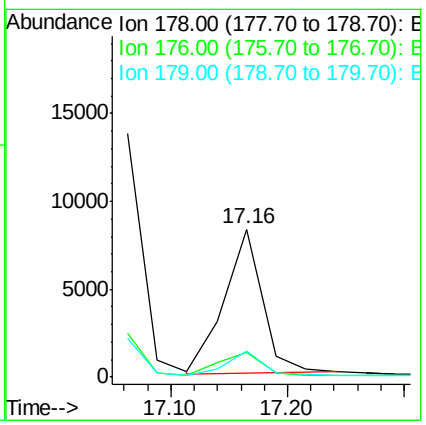


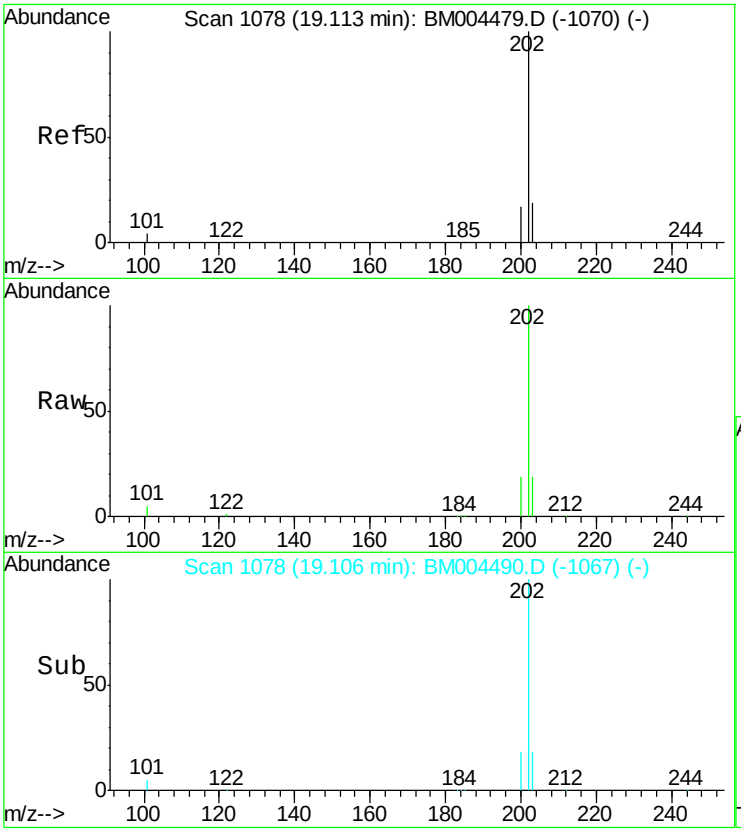


#24
Anthracene
Concen: 0.89 ng
RT: 17.16 min Scan# 981
Delta R.T. 0.02 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:178 Resp: 19007

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.6	13.6	20.4



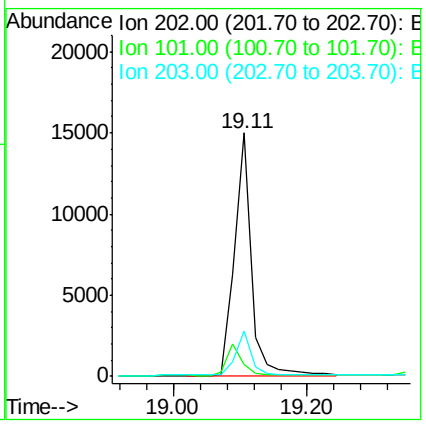


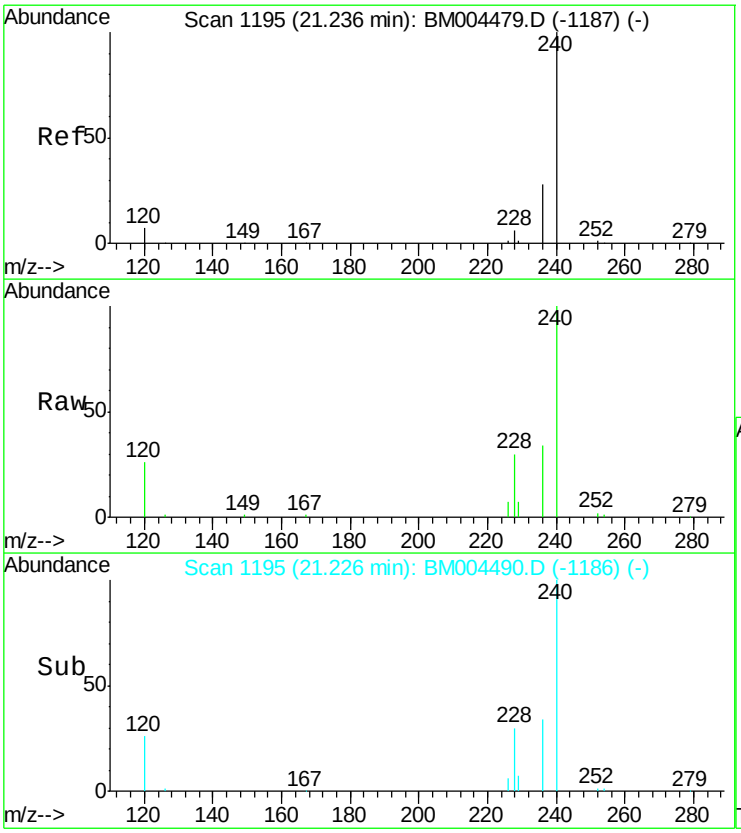
#25
Fluoranthene
Concen: 0.96 ng
RT: 19.11 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:202 Resp: 26119

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.4	14.2
203	17.4	13.9	20.9

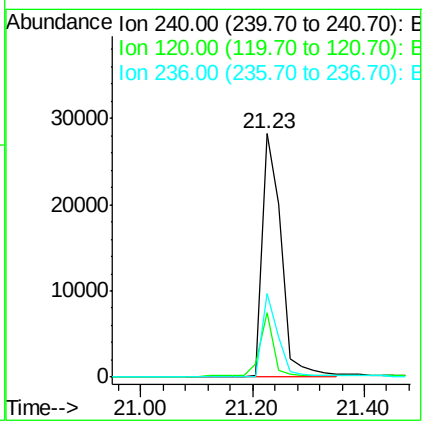


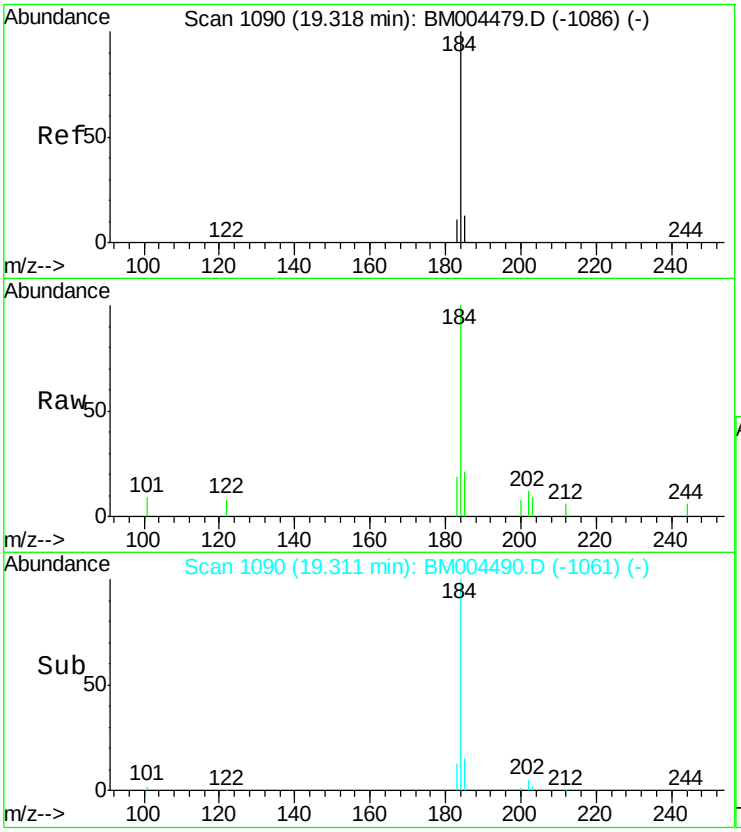


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:240 Resp: 65208

Ion	Ratio	Lower	Upper
240	100		
120	26.2	6.1	9.1#
236	34.2	22.6	34.0#



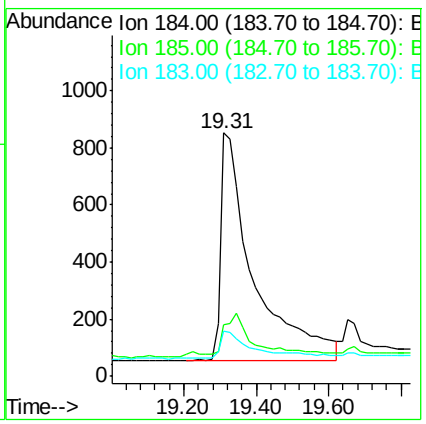


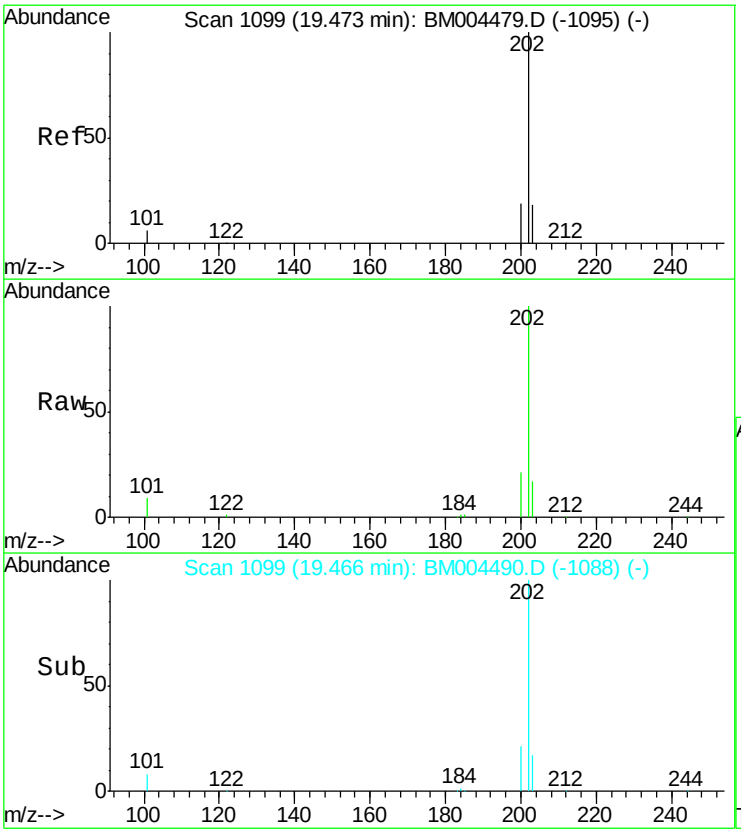
#27
Benzidine
Concen: 0.80 ng
RT: 19.31 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:184 Resp: 4994

Ion	Ratio	Lower	Upper
184	100		
185	21.0	16.6	24.8
183	18.8	12.3	18.5#

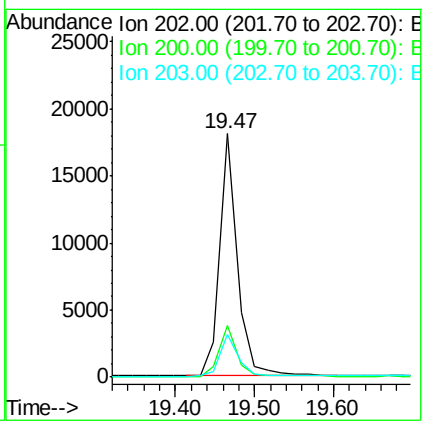


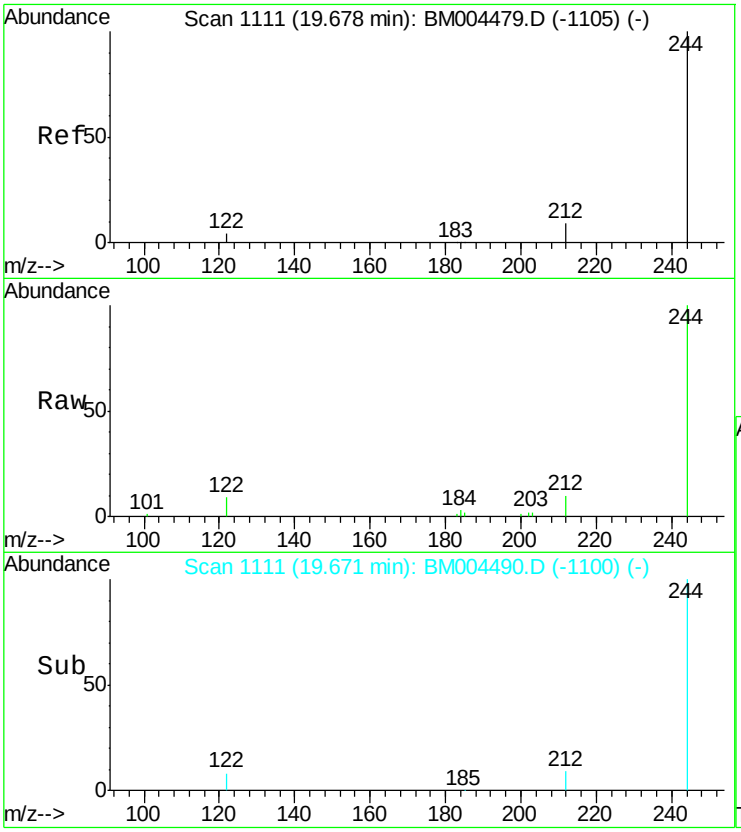


#28
Pyrene
Concen: 1.08 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:202 Resp: 27778

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.5	14.1	21.1



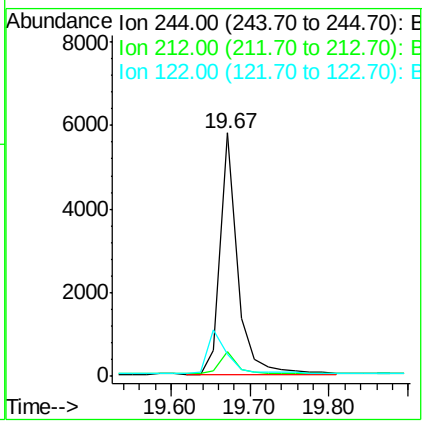


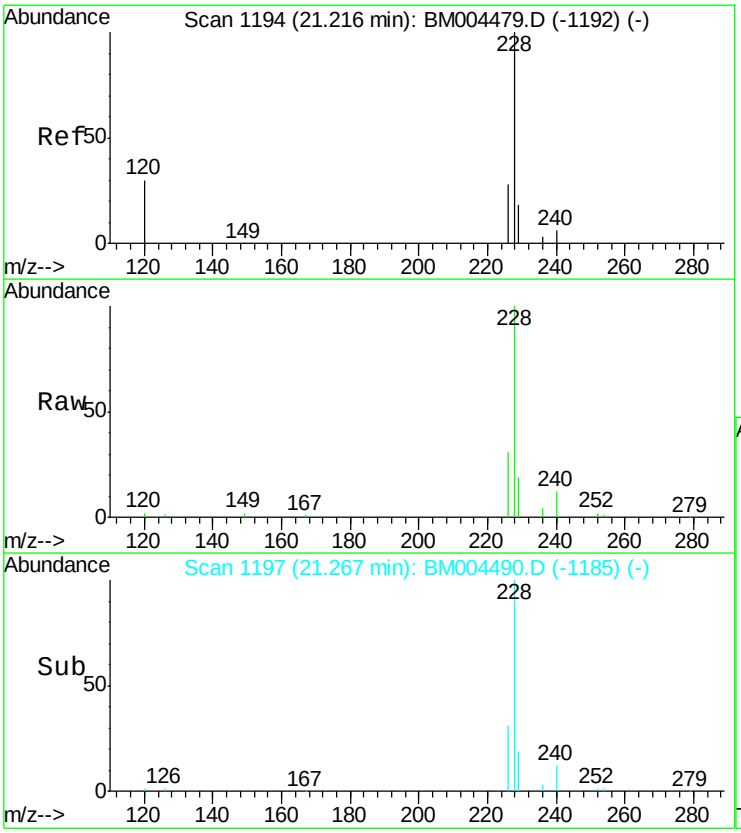
#29
Terphenyl-d14
Concen: 1.04 ng
RT: 19.67 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 8737

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.5	11.3
122	9.0	4.2	6.2#

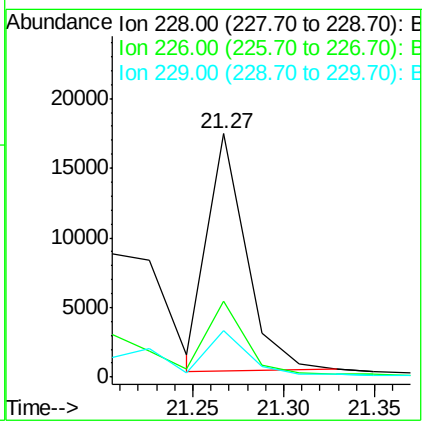


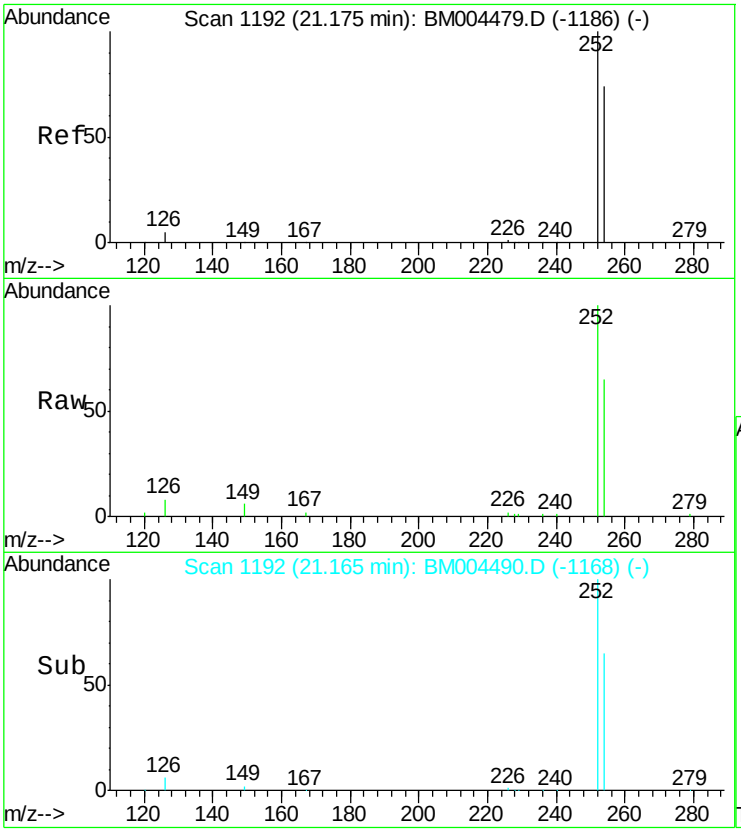


#30
Benzo(a)anthracene
Concen: 1.04 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.05 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:228 Resp: 24953

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.8	34.2
229	18.9	14.6	22.0



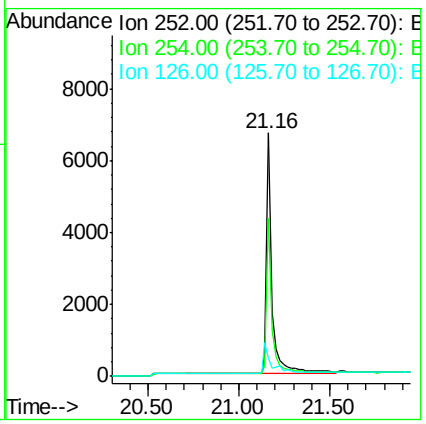


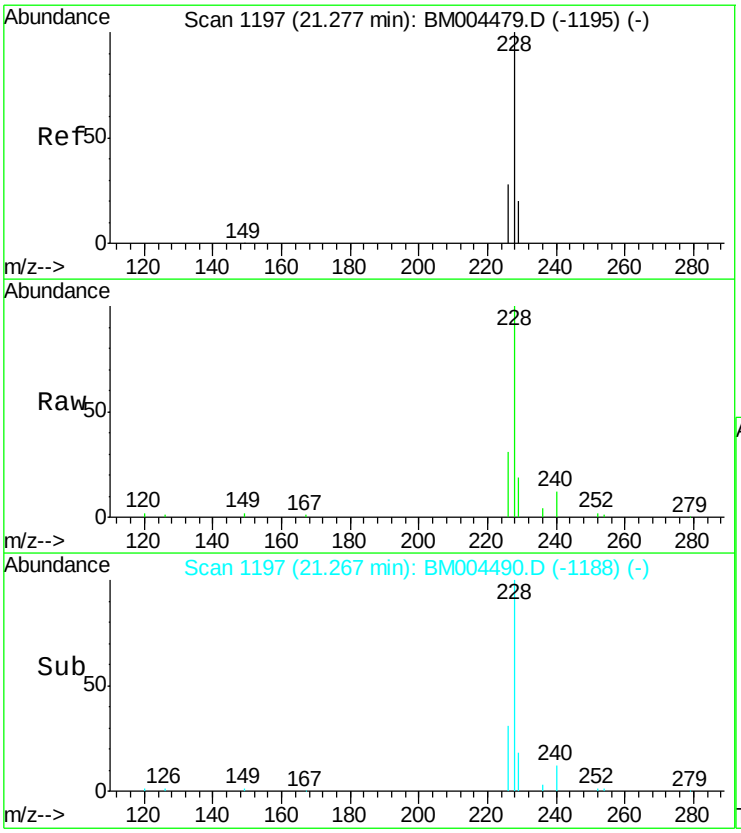
#31
3,3'-Dichlorobenzidine
Concen: 1.03 ng
RT: 21.16 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 14386

Ion	Ratio	Lower	Upper
252	100		
254	64.9	59.4	89.0
126	7.5	5.5	8.3

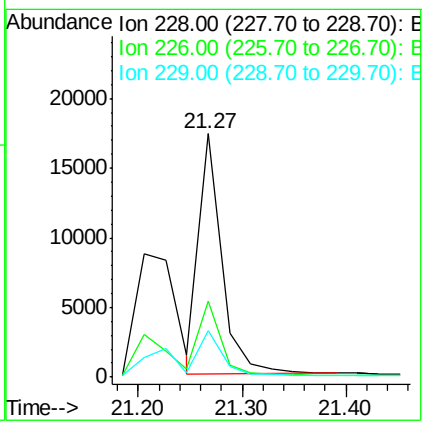


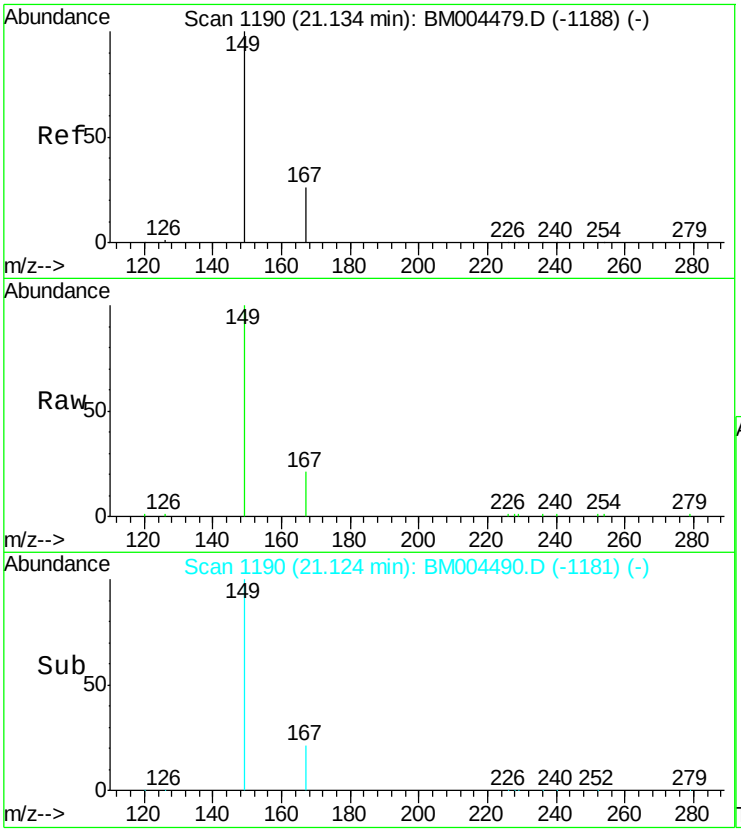


#32
Chrysene
Concen: 0.83 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:228 Resp: 26600

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.4	32.2
229	18.9	17.1	25.7



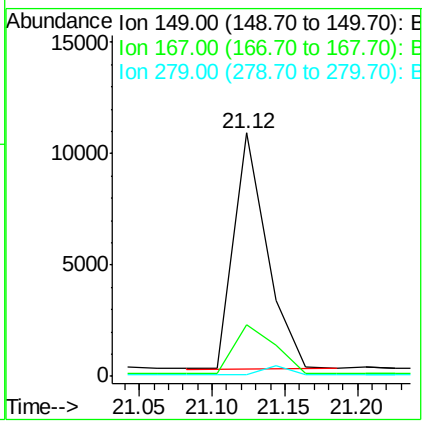


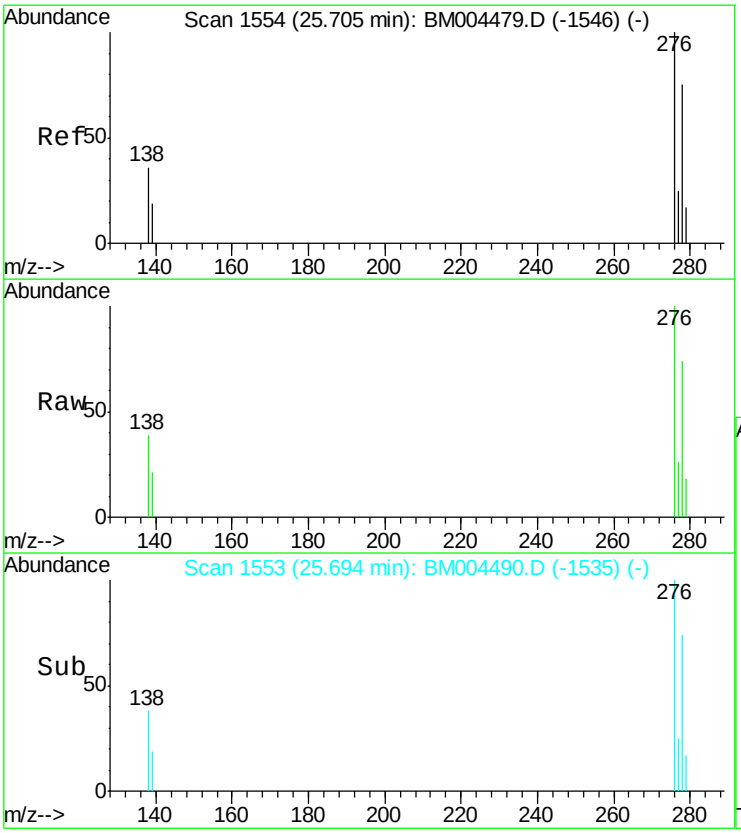
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.91 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:149 Resp: 16980

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.2	31.8
279	0.0	0.0	0.0

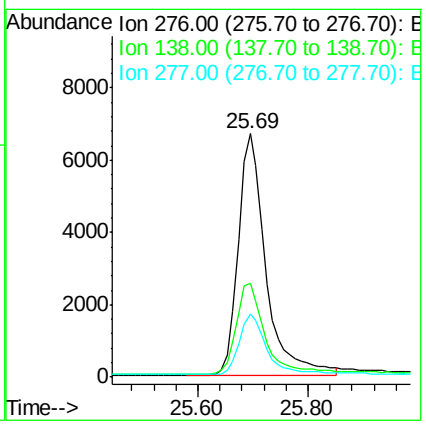


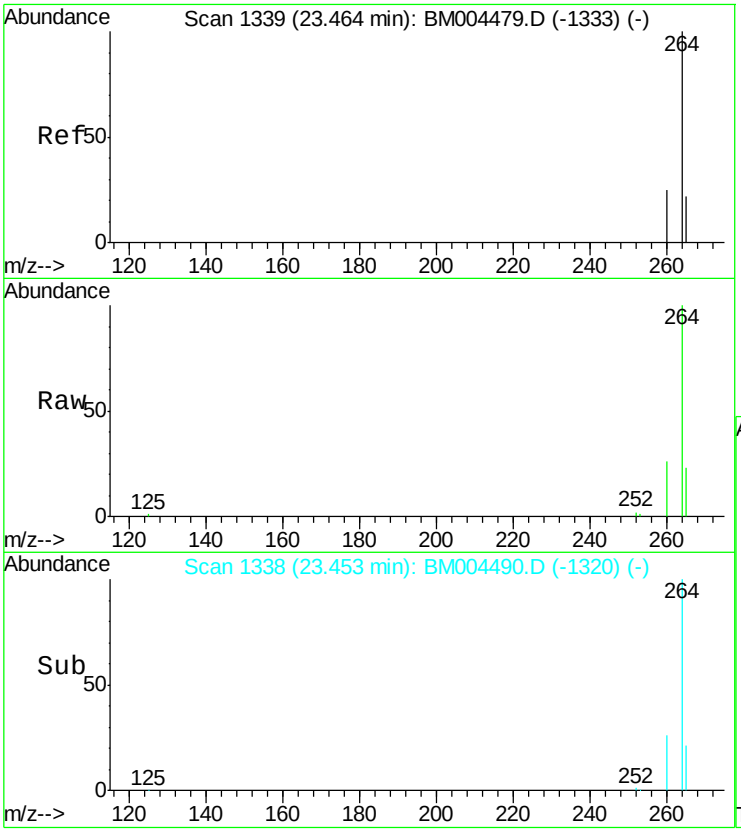


#34
Indeno(1,2,3-cd)pyrene
Concen: 1.04 ng
RT: 25.69 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:276 Resp: 23251

Ion	Ratio	Lower	Upper
276	100		
138	38.7	30.4	45.6
277	25.0	19.8	29.8



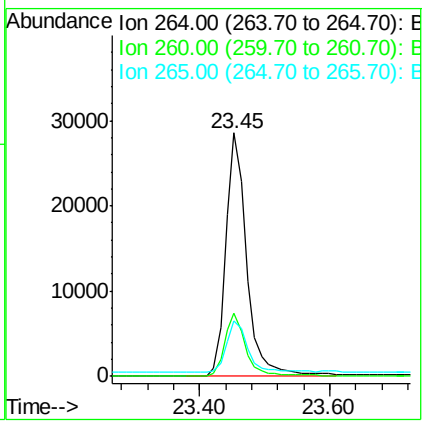


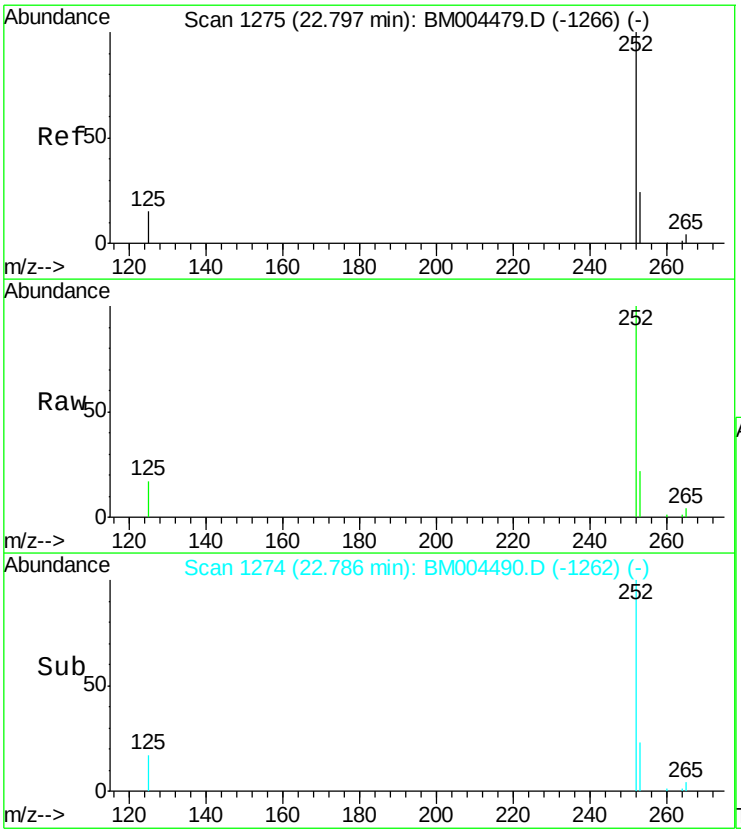
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:264 Resp: 62481

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.8	29.6
265	22.7	18.9	28.3

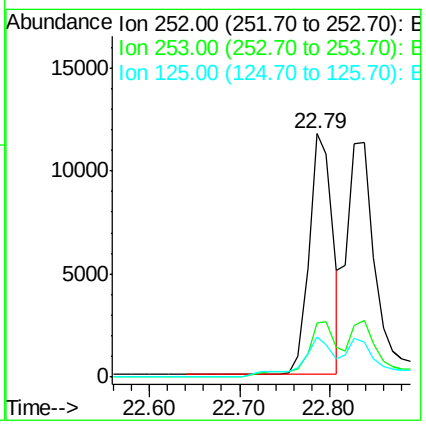


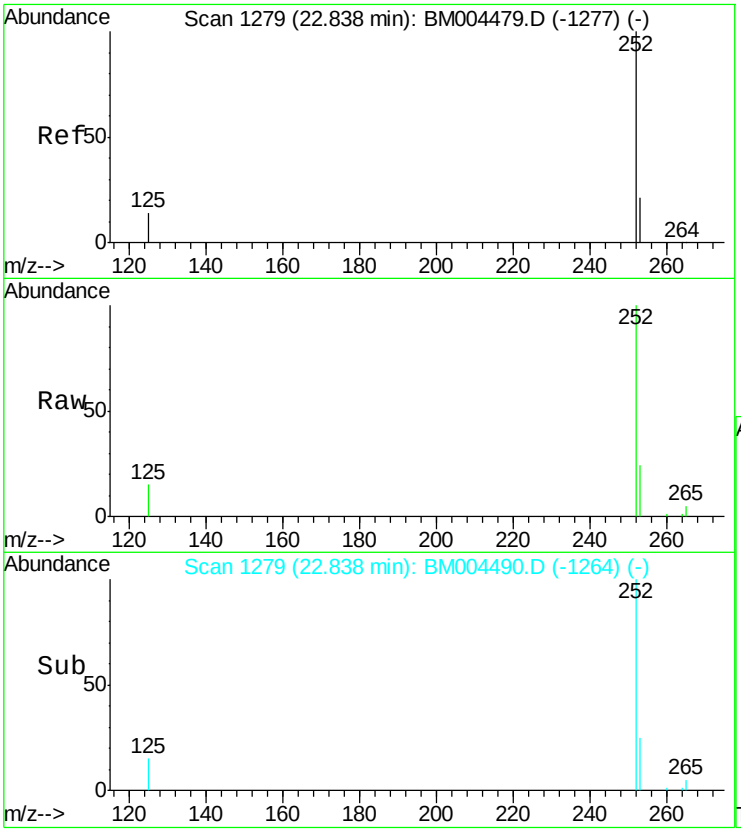


#36
Benzo(b)fluoranthene
Concen: 1.14 ng
RT: 22.79 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:252 Resp: 27689

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.8	28.2
125	16.6	11.8	17.8



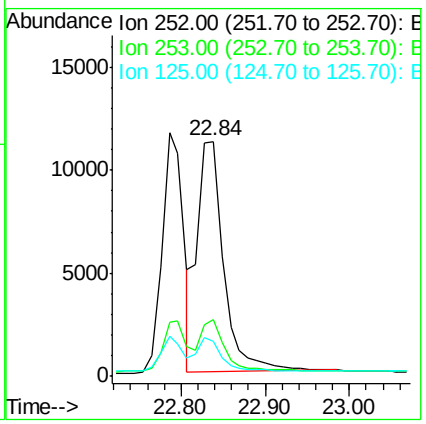


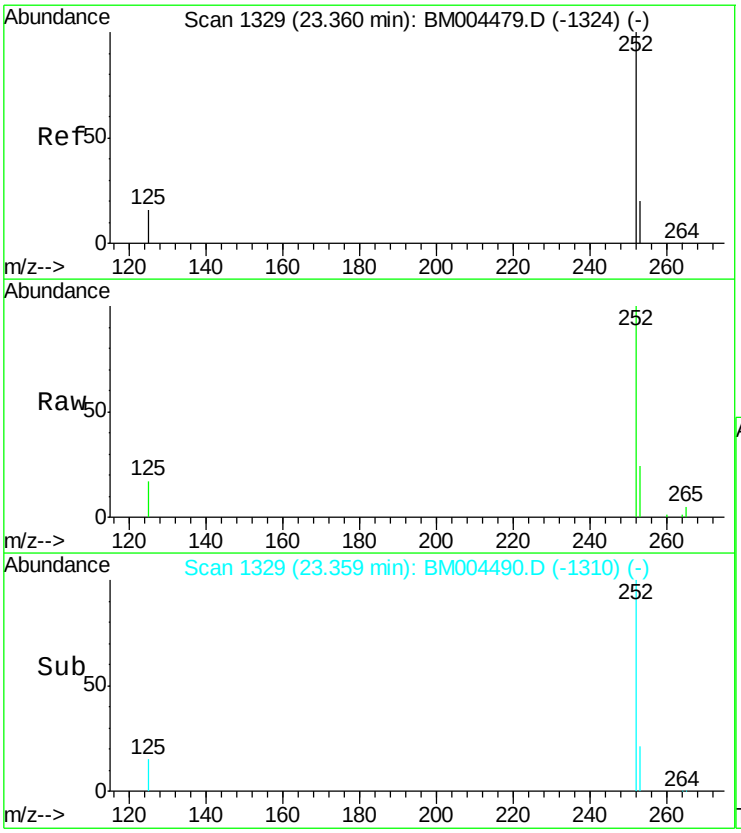
#37
Benzo(k)fluoranthene
Concen: 1.01 ng
RT: 22.84 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 24241

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.3	27.5
125	15.1	12.2	18.4

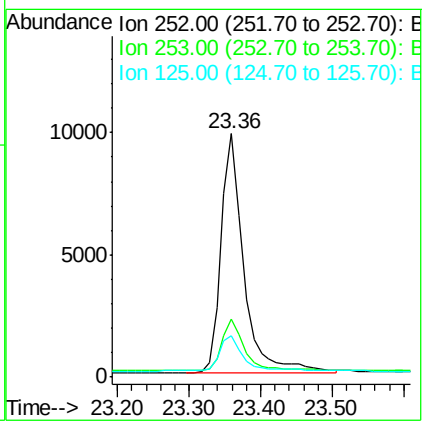


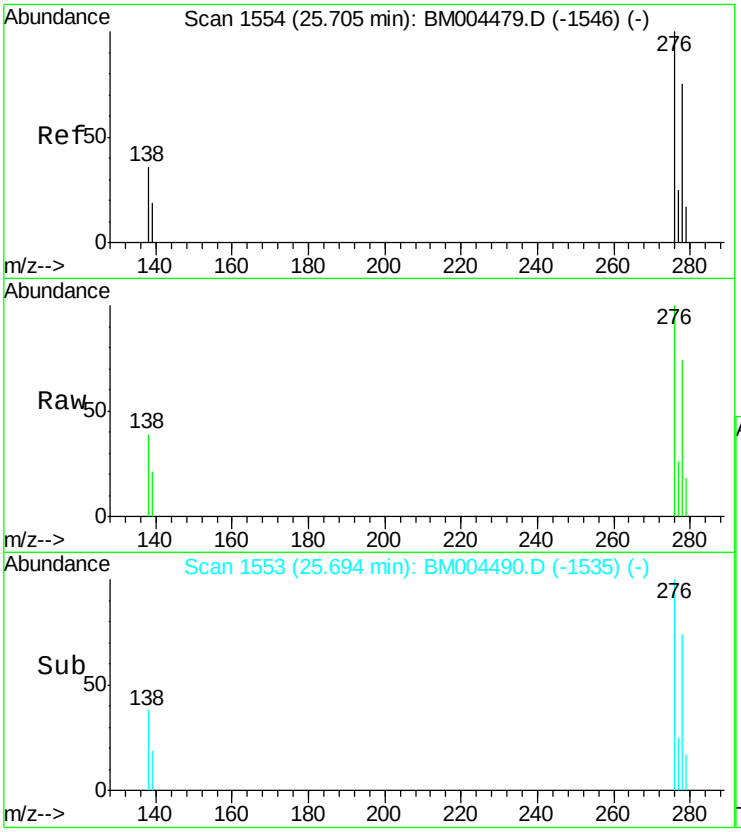


#38
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:252 Resp: 21777

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	17.1	14.3	21.5



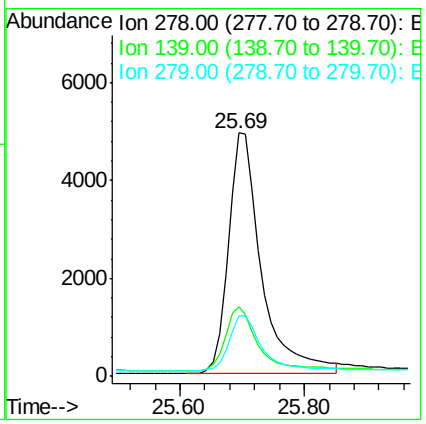


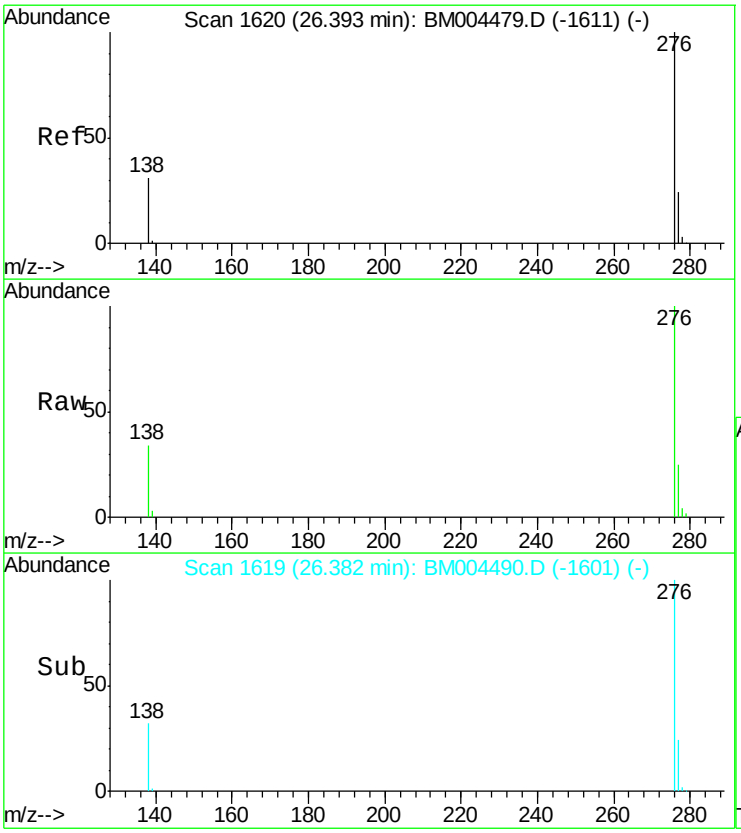
#39
Dibenzo(a,h)anthracene
Concen: 0.96 ng
RT: 25.69 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:278 Resp: 18310

Ion	Ratio	Lower	Upper
278	100		
139	28.5	21.2	31.8
279	24.7	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.96 ng
RT: 26.38 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BM004490.D
Acq: 01 Mar 2016 03:47

Tgt Ion:276 Resp: 20184

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	33.8	26.2	39.2