Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
Data File : BM004506.D
Acq On : 02 Mar 2016 05:34
Operator : SJ/UM
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC001

Quant Time: Mar 02 07:02:03 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 06:56:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	21273	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	81466	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	41338	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	95177	5.00	ng		0.00
26) Chrysene-d12	21.23	240	73284	5.00	ng		0.00
35) Perylene-d12	23.45	264	70626	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3931	0.81	ng		0.00
5) Phenol-d6	6.83	99	4700	0.86	ng		0.00
8) Nitrobenzene-d5	8.80	82	3415	0.84	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1012	0.66	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	11904	0.94	ng		0.00
29) Terphenyl-d14	19.67	244	11486	1.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1901	0.78	ng		100
3) n-Nitrosodimethylamine	3.43	42	1355	0.65	ng		98
6) bis(2-Chloroethyl)ether	7.04	93	4215	0.74	ng		99
9) Nitrobenzene	8.84	77	3723	0.69	ng		100
10) Naphthalene	10.44	128	17516	0.70	ng		100
11) Hexachlorobutadiene	10.72	225	3051	0.83	ng		100
12) 2-Methylnaphthalene	12.08	142	10621	0.77	ng		100
16) Acenaphthylene	13.97	152	16849	0.73	ng		100
17) Acenaphthene	14.33	154	10768	0.71	ng		100
18) Fluorene	15.33	166	13541	0.74	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	3035	0.60	ng	#	100
21) Hexachlorobenzene	16.35	284	3641	0.63	ng	#	100
22) Pentachlorophenol	16.73	266	371	0.27	ng		100
23) Phenanthrene	17.06	178	20183	0.62	ng		100
24) Anthracene	17.17	178	16738	0.62	ng		100
25) Fluoranthene	19.11	202	23308	0.66	ng		100
27) Benzidine	19.33	184	5481	0.71	ng		100
28) Pyrene	19.47	202	24500	0.85	ng		100
30) Benzo(a)anthracene	21.21	228	20401	0.77	ng		100
31) 3,3'-Dichlorobenzidine	21.17	252	6594	0.42	ng		100
32) Chrysene	21.27	228	23454	0.43	ng		100
33) Bis(2-ethylhexyl)phthalate	21.12	149	12019	0.61	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.71	276	20101	0.81	ng		100
36) Benzo(b)fluoranthene	22.80	252	20387	0.76	ng		100
37) Benzo(k)fluoranthene	22.84	252	20083	0.76	ng		100
38) Benzo(a)pyrene	23.36	252	18837	0.78	ng		100
39) Dibenzo(a,h)anthracene	25.71	278	15559	0.74	ng		100
40) Benzo(g,h,i)perylene	26.39	276	17760	0.77	ng		100

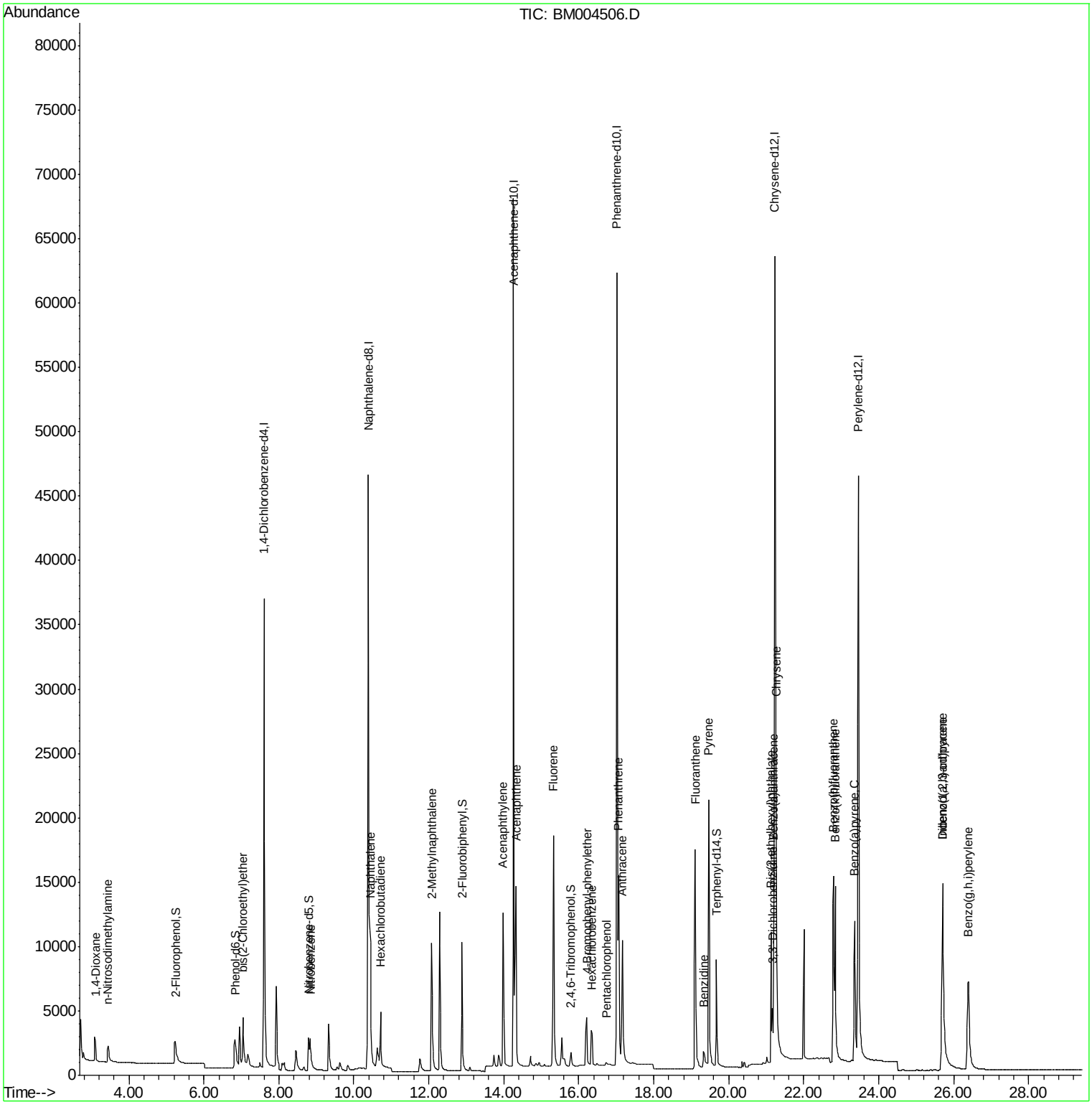
(#) = qualifier out of range (m) = manual integration (+) = signals summed

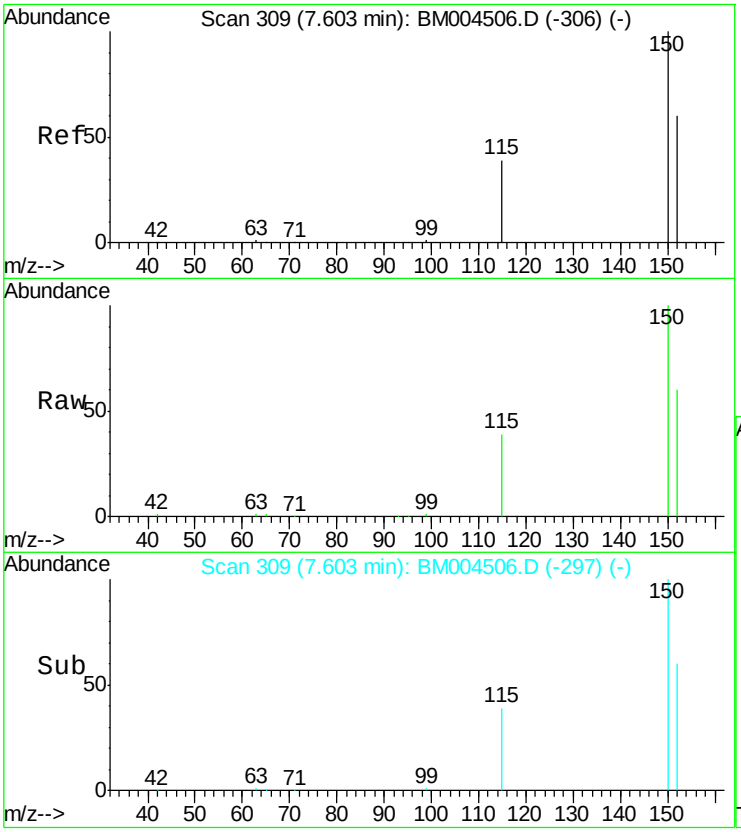
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
Data File : BM004506.D
Acq On : 02 Mar 2016 05:34
Operator : SJ/UM
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Quant Time: Mar 02 07:02:03 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 06:56:42 2016
Response via : Initial Calibration



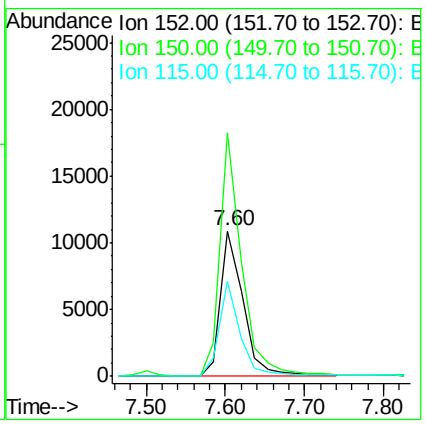


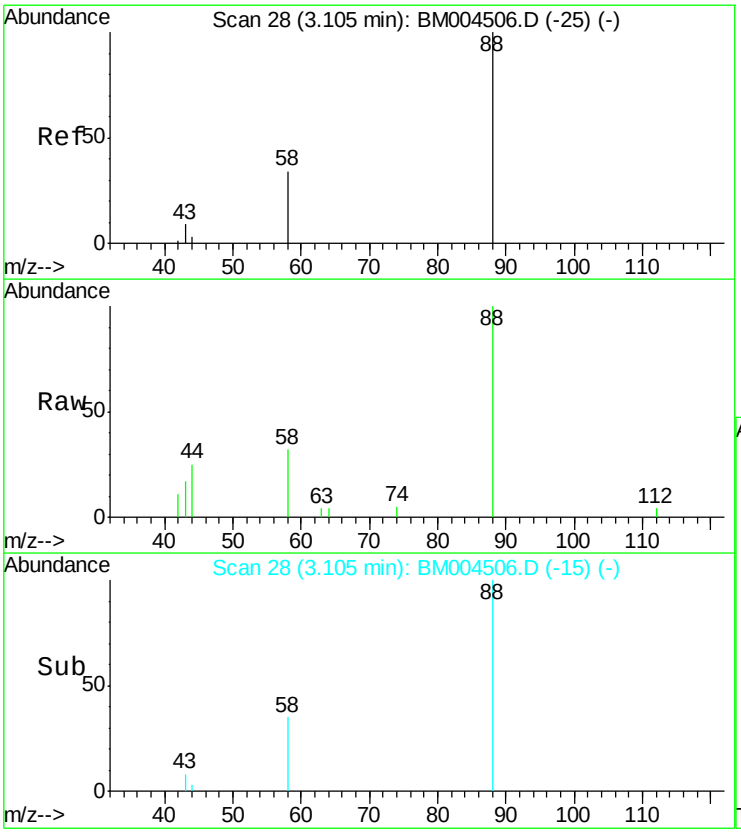
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 21273

Ion	Ratio	Lower	Upper
152	100		
150	167.7	134.2	201.2
115	65.3	52.2	78.4

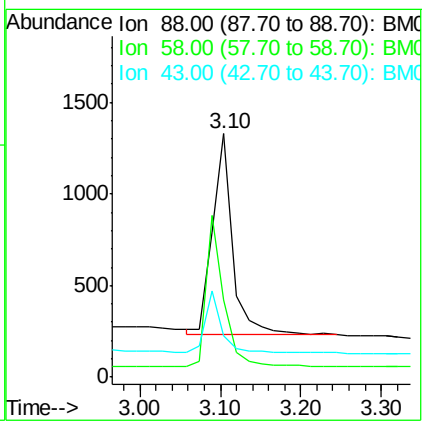


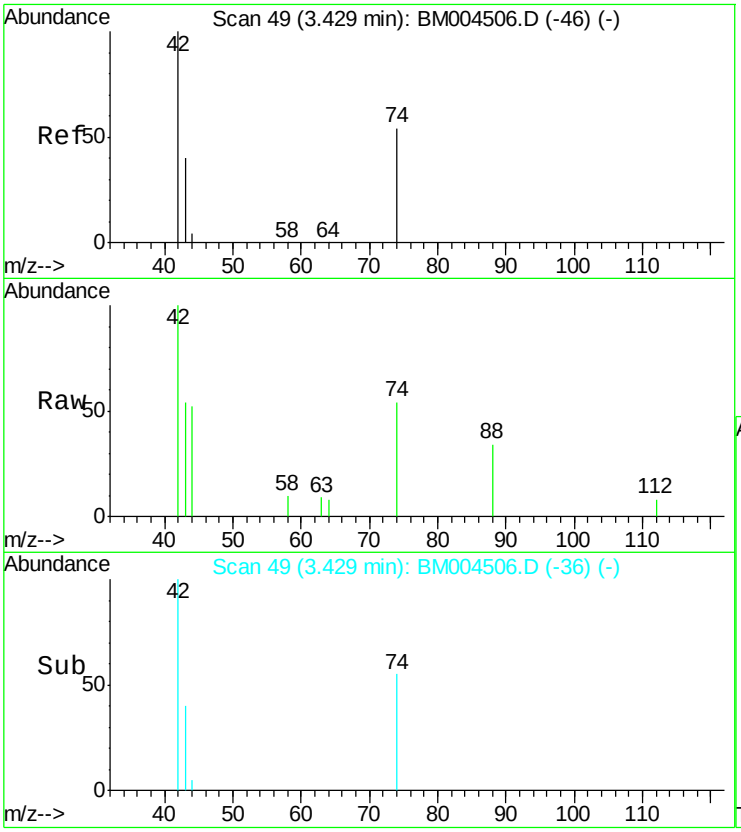


#2
1,4-Dioxane
Concen: 0.78 ng
RT: 3.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion: 88 Resp: 1901

Ion	Ratio	Lower	Upper
88	100		
58	65.7	52.9	79.3
43	25.8	20.8	31.2



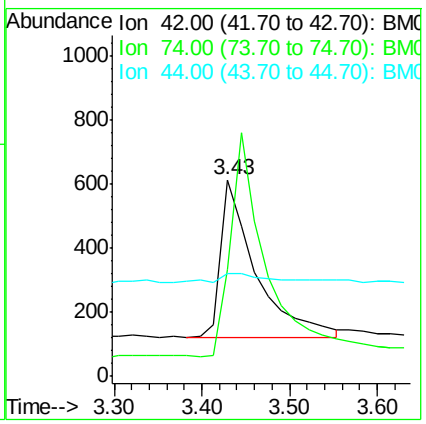


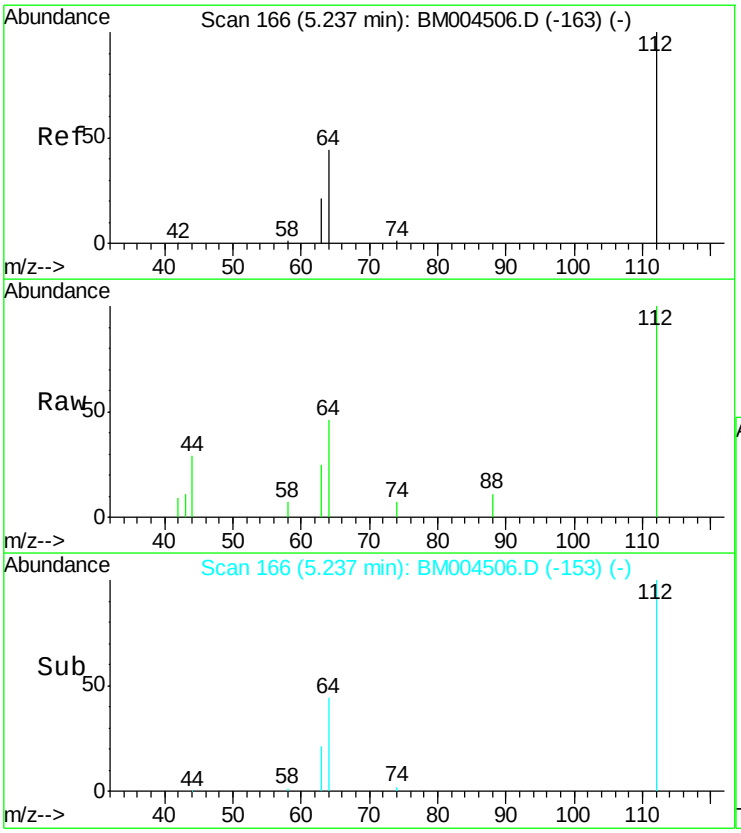
#3
n-Nitrosodimethylamine
Concen: 0.65 ng
RT: 3.43 min Scan# 49
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 1355

Ion	Ratio	Lower	Upper
42	100		
74	147.5	115.5	173.3
44	7.8	6.2	9.4

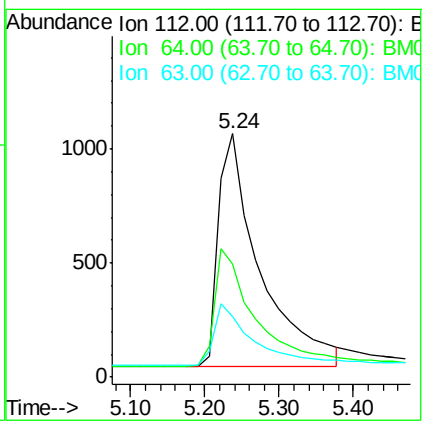


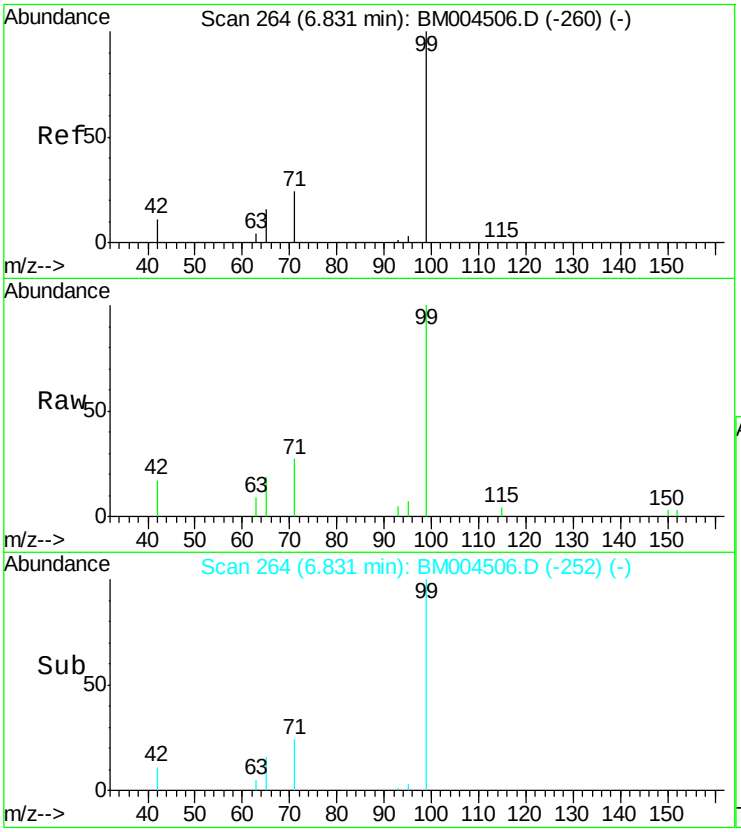


#4
2-Fluorophenol
Concen: 0.81 ng
RT: 5.24 min Scan# 166
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:112 Resp: 3931

Ion	Ratio	Lower	Upper
112	100		
64	49.1	37.0	55.6
63	25.1	19.0	28.4



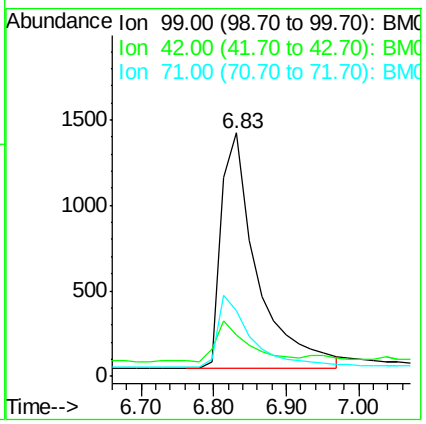


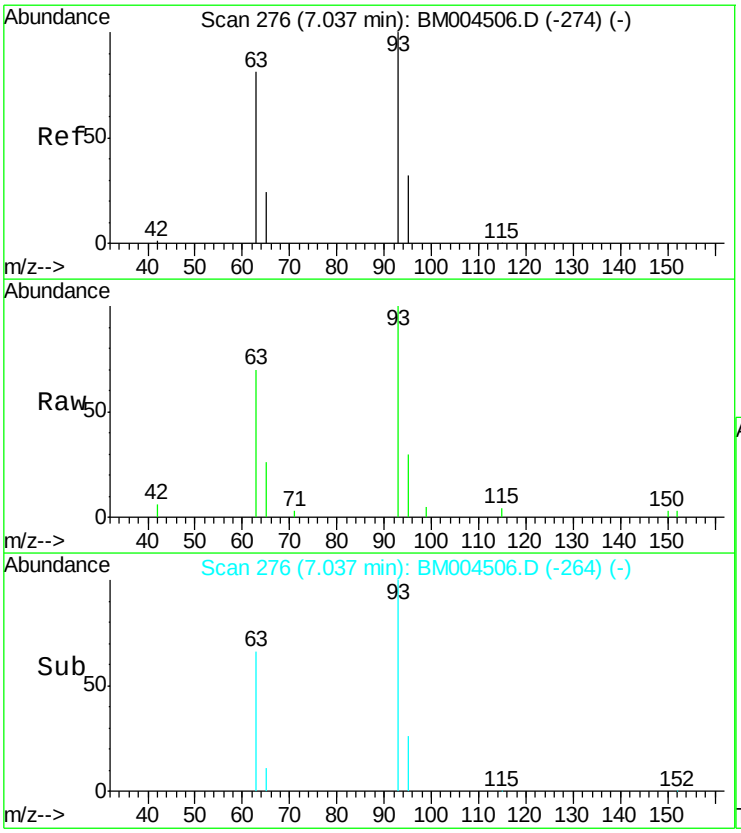
#5
Phenol-d6
Concen: 0.86 ng
RT: 6.83 min Scan# 264
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 99 Resp: 4700

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.4
71	29.3	23.4	35.2

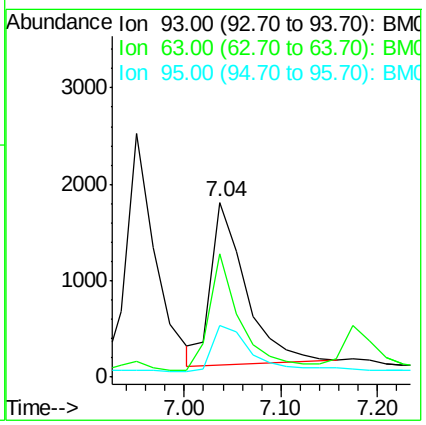


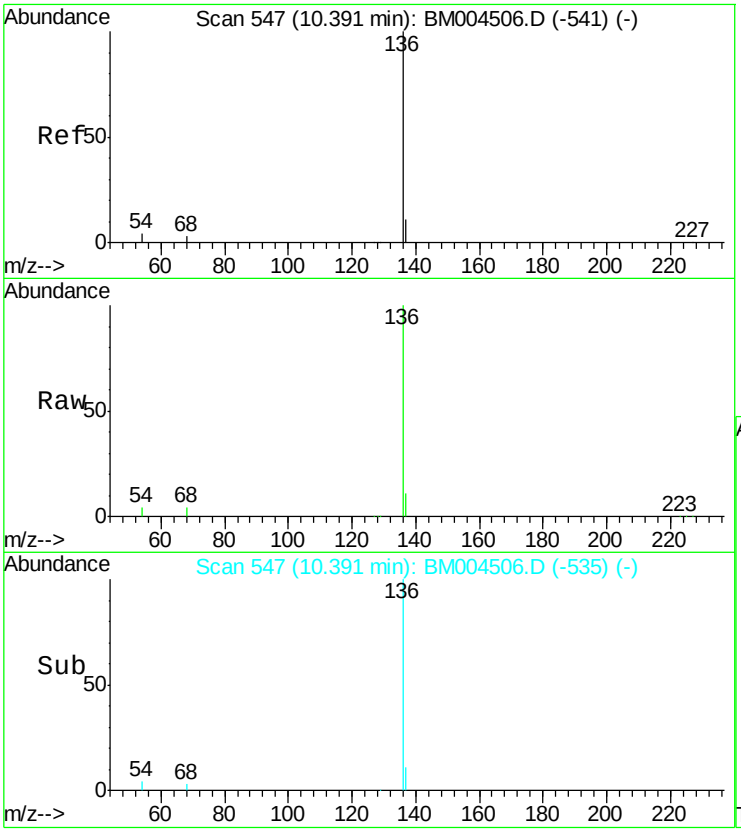


#6
bis(2-Chloroethyl)ether
Concen: 0.74 ng
RT: 7.04 min Scan# 276
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion: 93 Resp: 4215

Ion	Ratio	Lower	Upper
93	100		
63	63.9	51.1	76.7
95	32.6	25.0	37.6



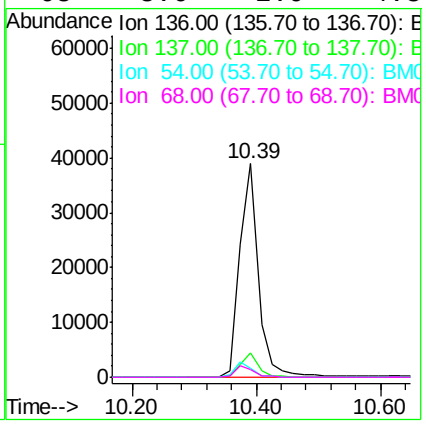


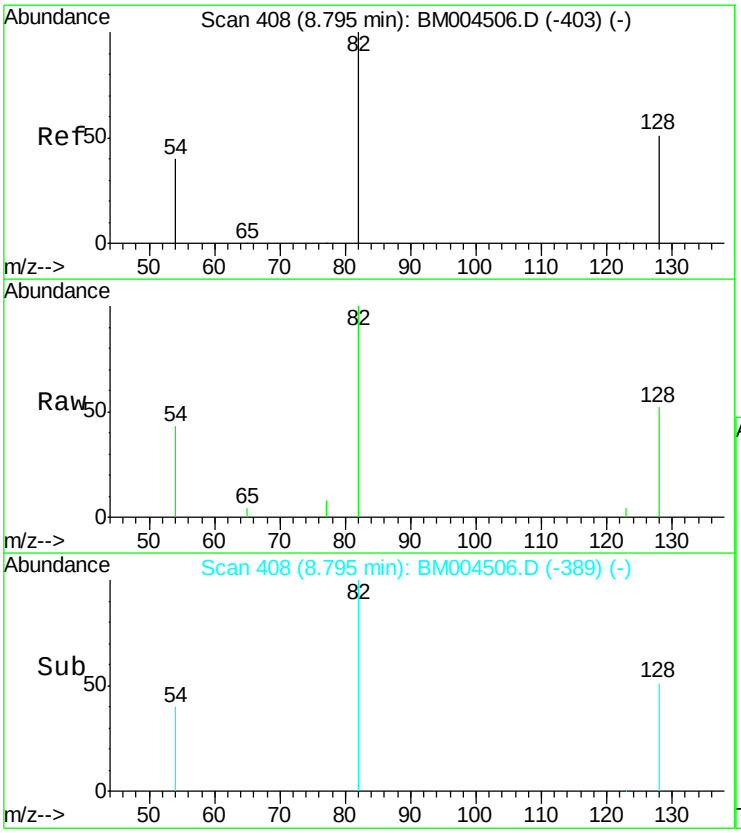
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:136 Resp: 81466

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	4.1	3.3	4.9
68	3.6	2.9	4.3

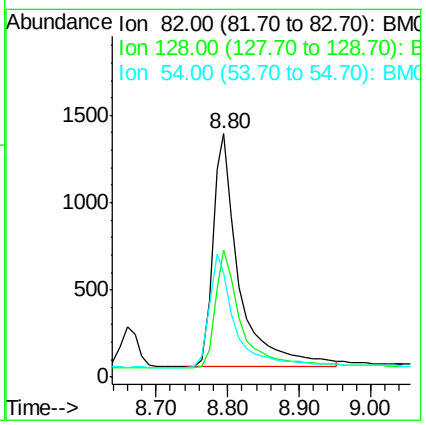


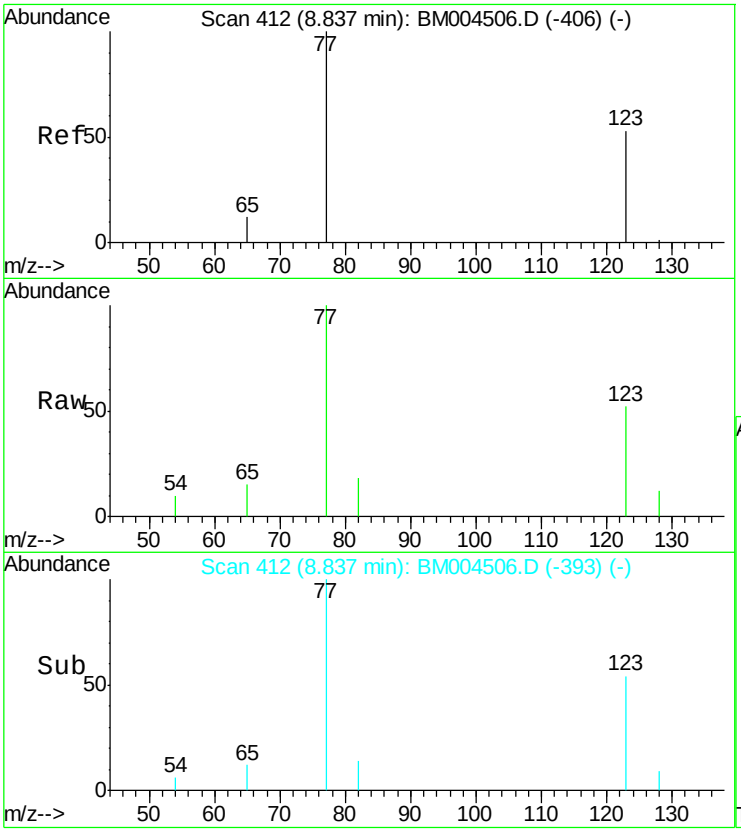


#8
Nitrobenzene-d5
Concen: 0.84 ng
RT: 8.80 min Scan# 408
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion: 82 Resp: 3415

Ion	Ratio	Lower	Upper
82	100		
128	52.4	41.9	62.9
54	42.7	34.2	51.2



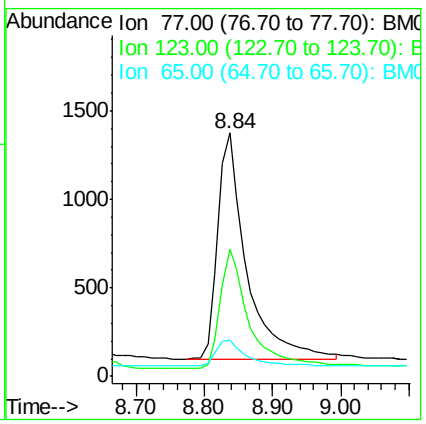


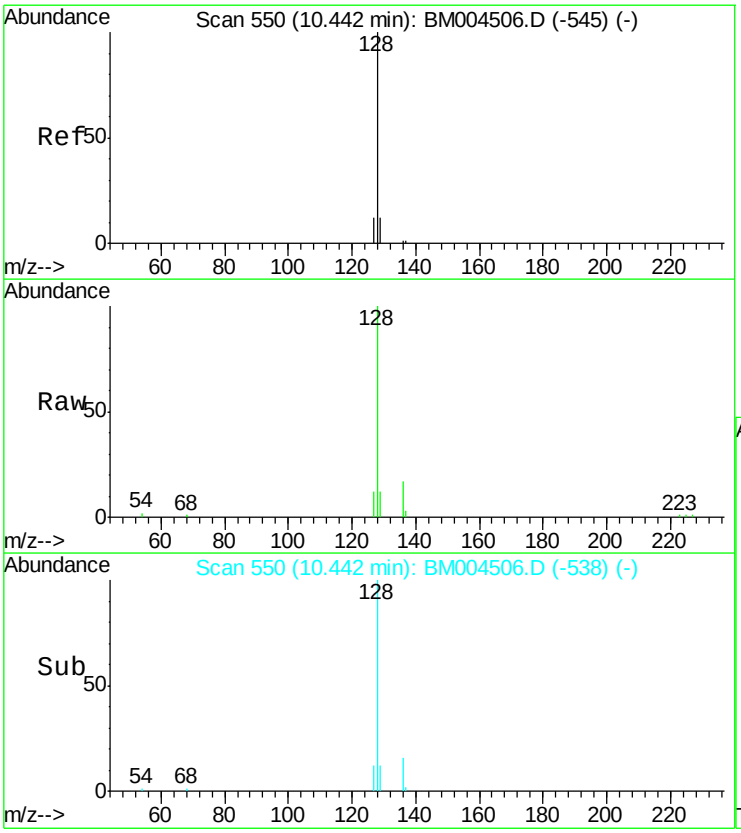
#9
Nitrobenzene
Concen: 0.69 ng
RT: 8.84 min Scan# 412
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion: 77 Resp: 3723

Ion	Ratio	Lower	Upper
77	100		
123	53.1	42.5	63.7
65	12.5	10.0	15.0

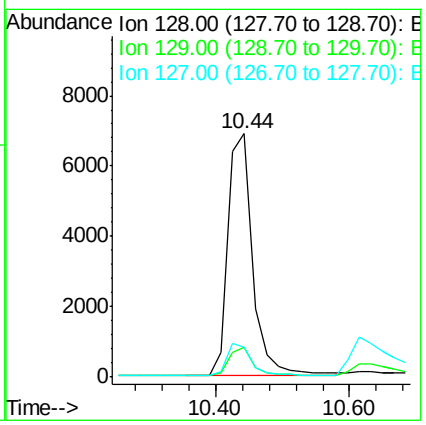


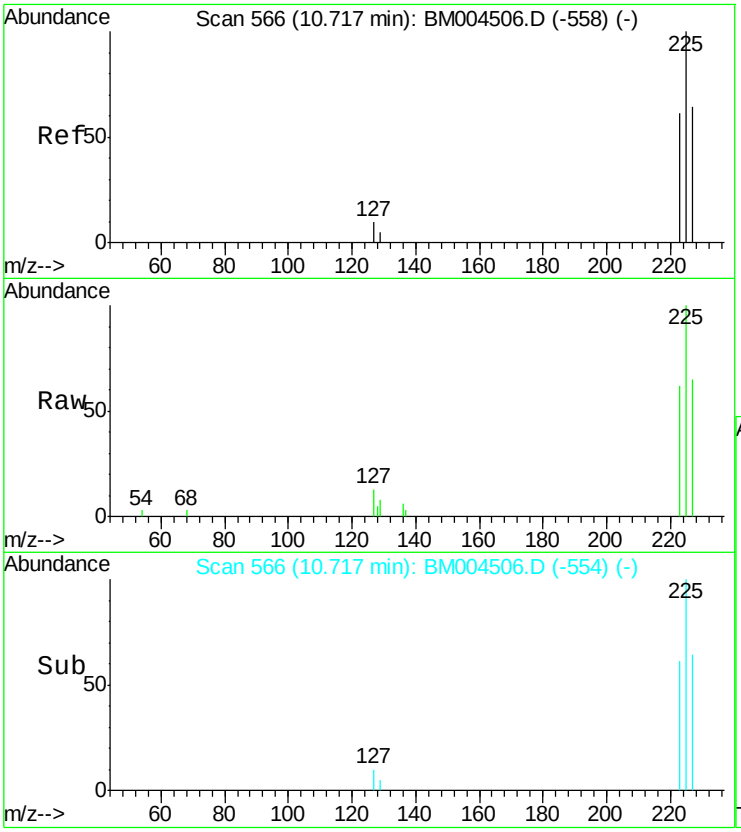


#10
Naphthalene
Concen: 0.70 ng
RT: 10.44 min Scan# 550
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:128 Resp: 17516

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	12.4	9.9	14.9



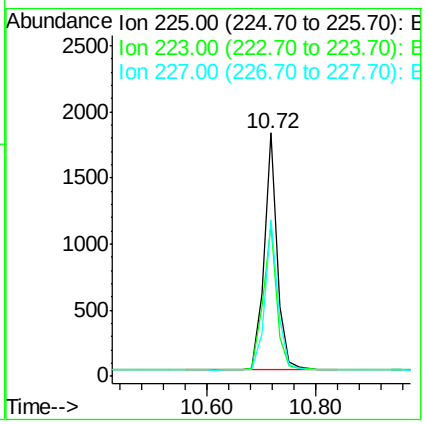


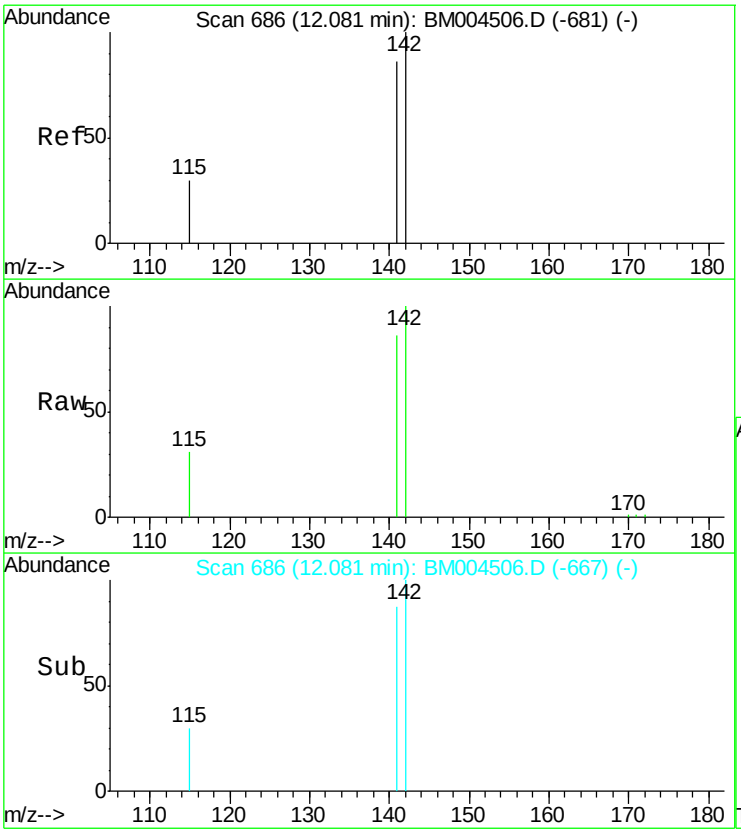
#11
Hexachlorobutadiene
Concen: 0.83 ng
RT: 10.72 min Scan# 566
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:225 Resp: 3051

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.7	76.1
227	63.8	51.1	76.7

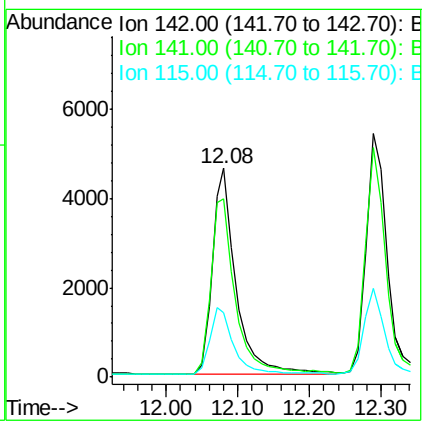


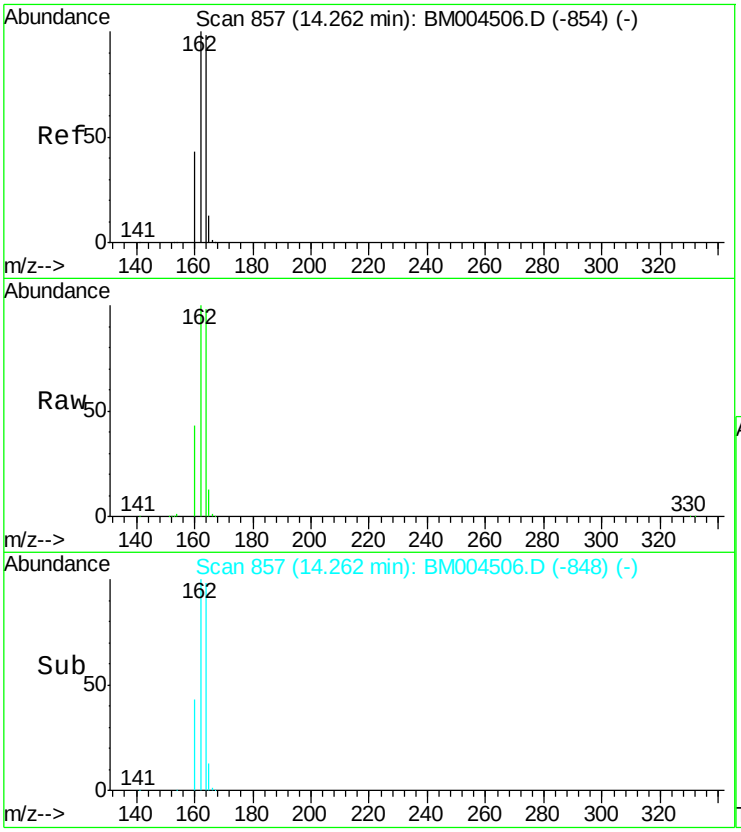


#12
2-Methylnaphthalene
Concen: 0.77 ng
RT: 12.08 min Scan# 686
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:142 Resp: 10621

Ion	Ratio	Lower	Upper
142	100		
141	85.6	68.5	102.7
115	30.7	24.6	36.8



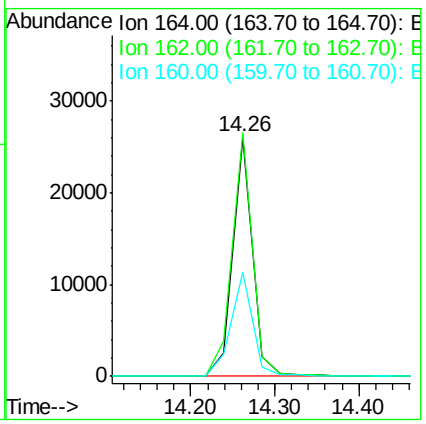


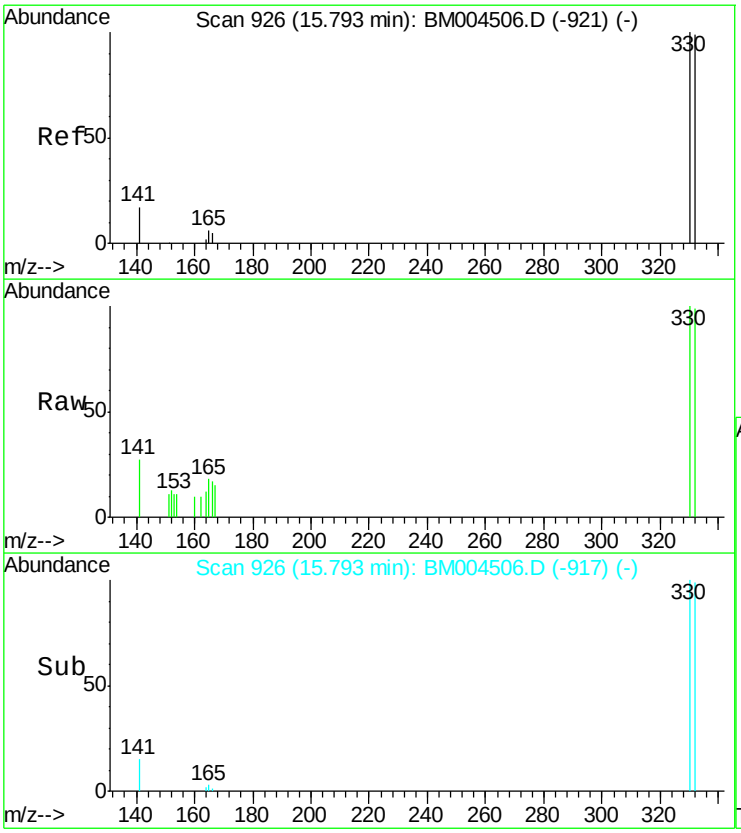
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:164 Resp: 41338

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.6	122.4
160	43.6	34.9	52.3

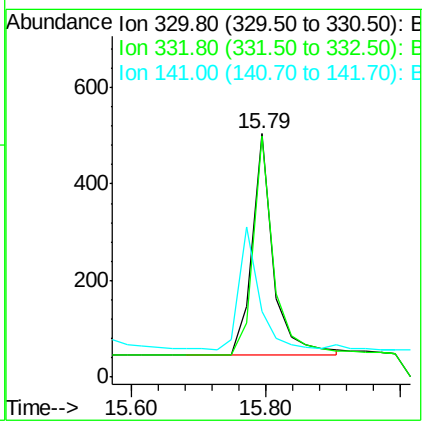


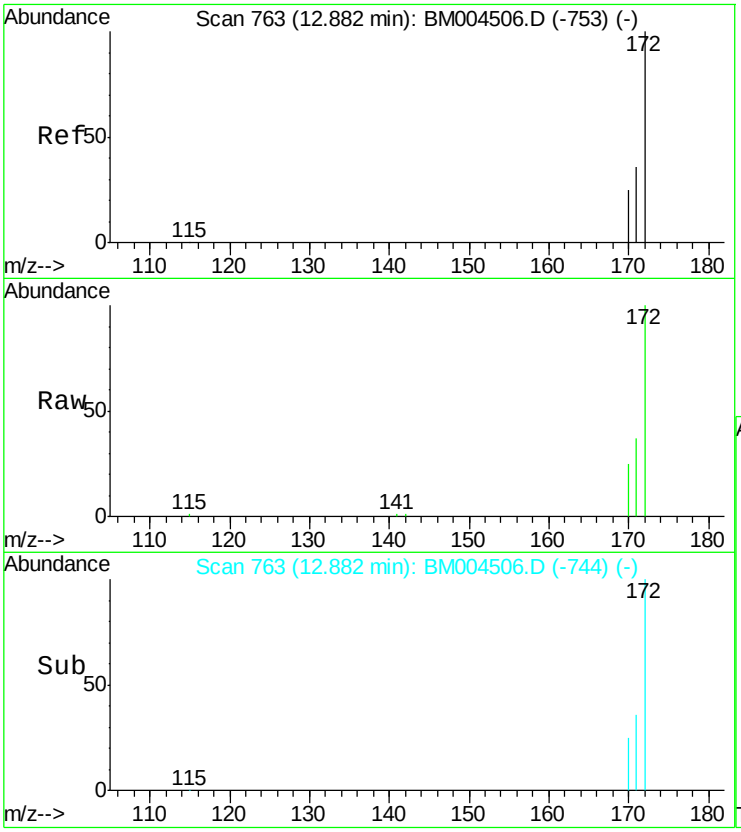


#14
2,4,6-Tribromophenol
Concen: 0.66 ng
RT: 15.79 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:330 Resp: 1012

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	0.0	0.0	0.0



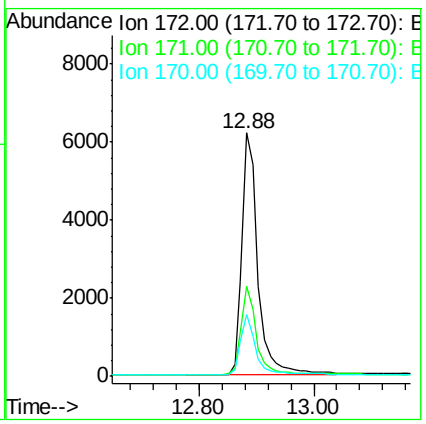


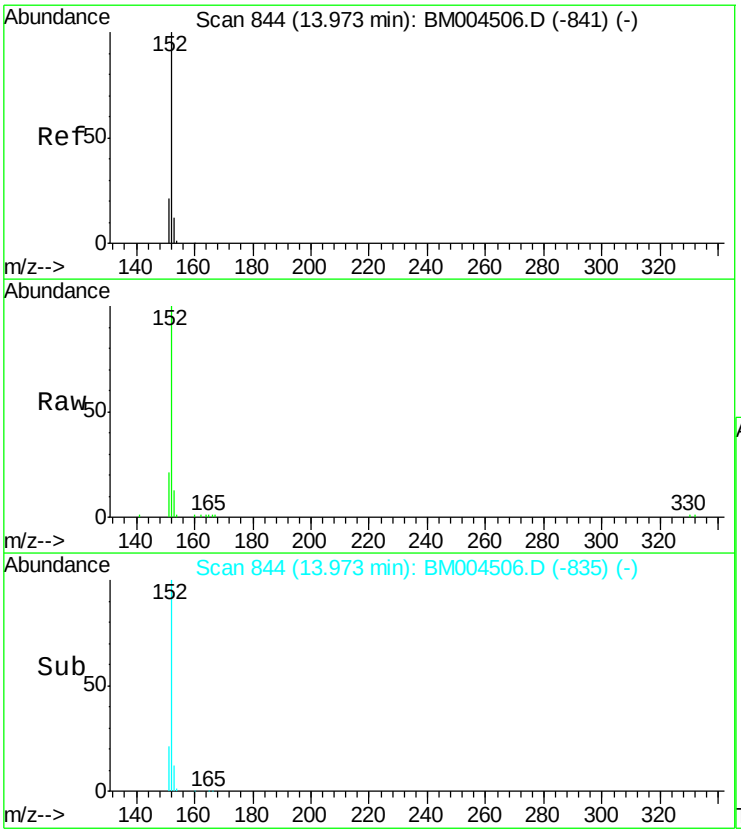
#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.88 min Scan# 763
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 11904

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.5	44.3
170	25.2	20.2	30.2

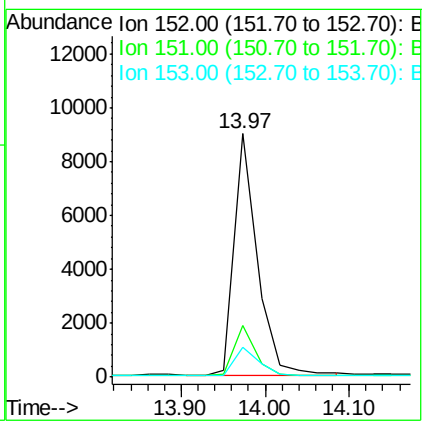


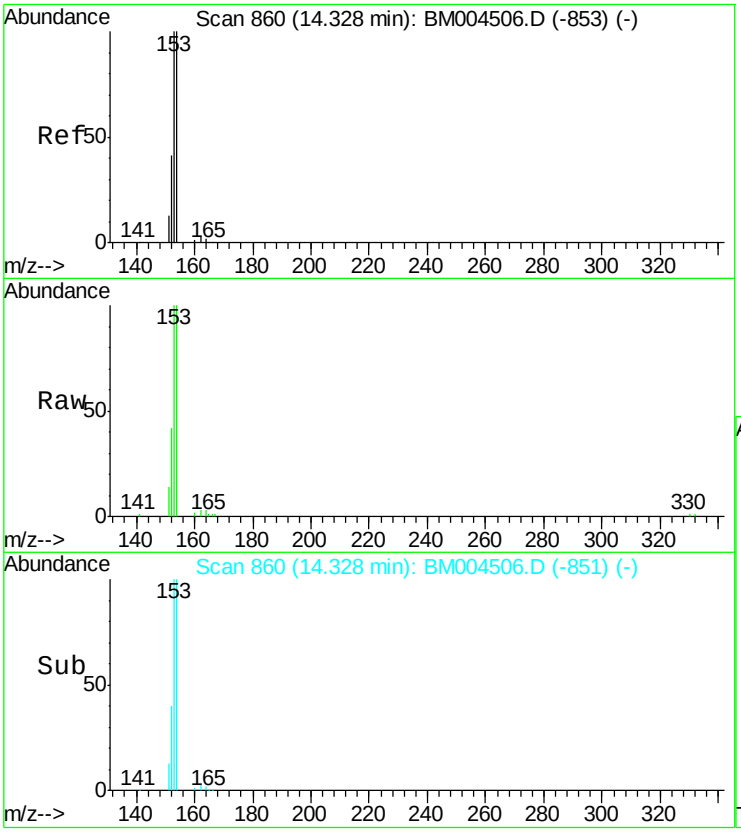


#16
Acenaphthylene
Concen: 0.73 ng
RT: 13.97 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:152 Resp: 16849

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.8	10.2	15.4



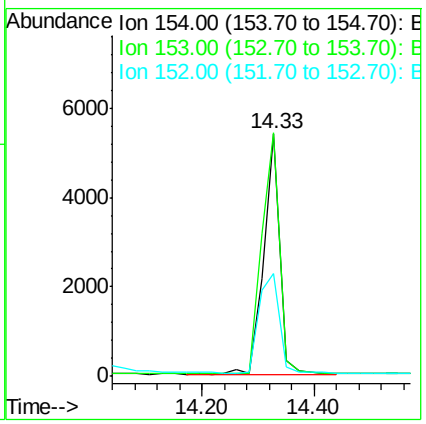


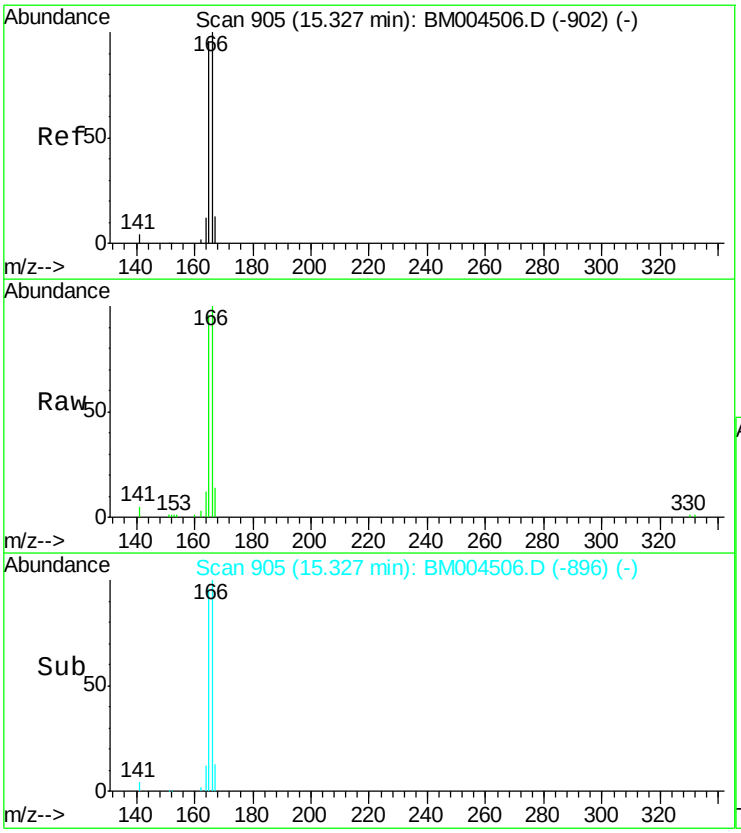
#17
Acenaphthene
Concen: 0.71 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:154 Resp: 10768

Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.7	133.1
152	52.3	41.8	62.8

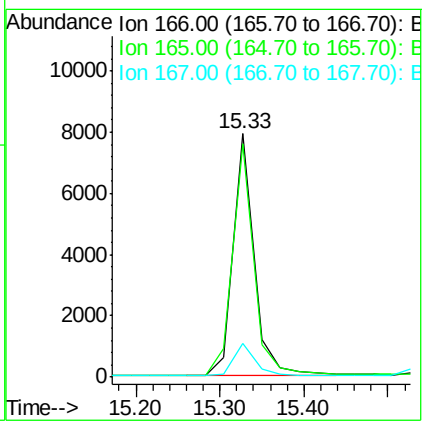


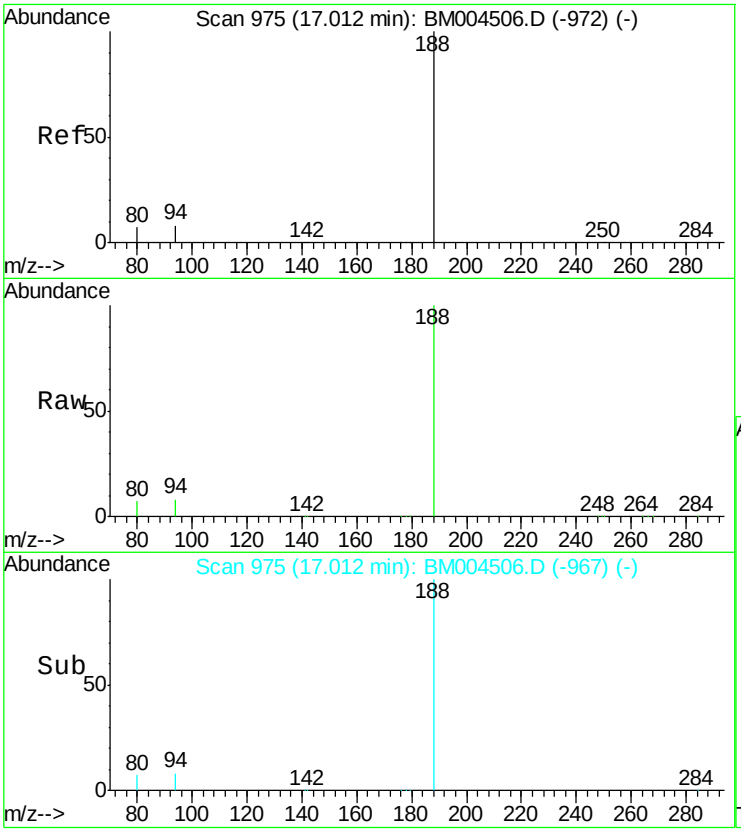


#18
Fluorene
Concen: 0.74 ng
RT: 15.33 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:166 Resp: 13541

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.8	116.6
167	13.5	10.8	16.2



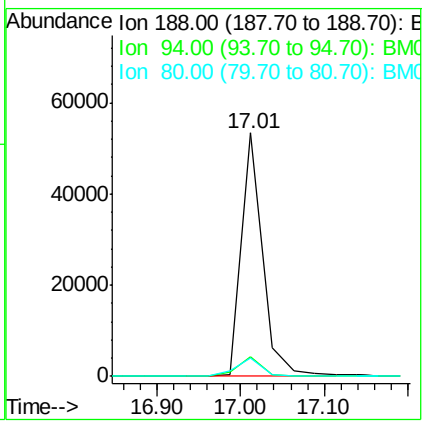


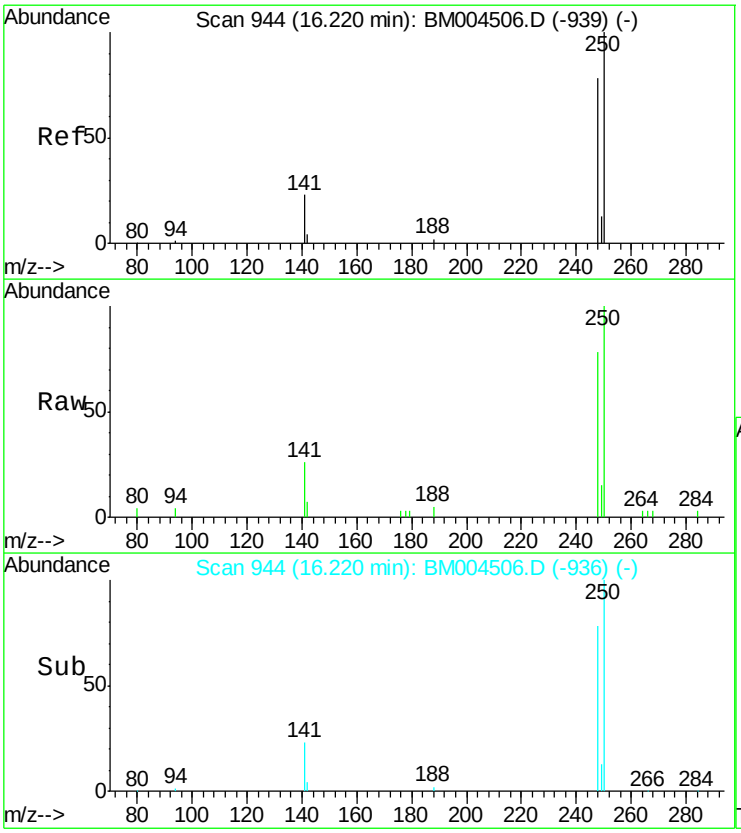
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:188 Resp: 95177

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	7.4	5.9	8.9

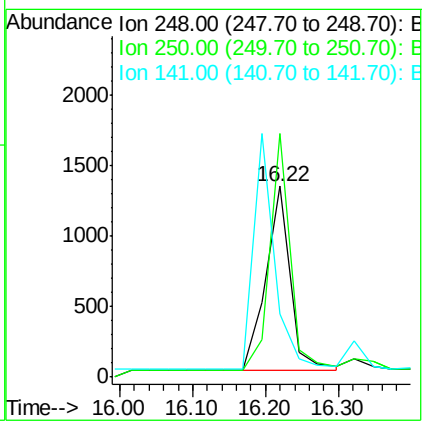


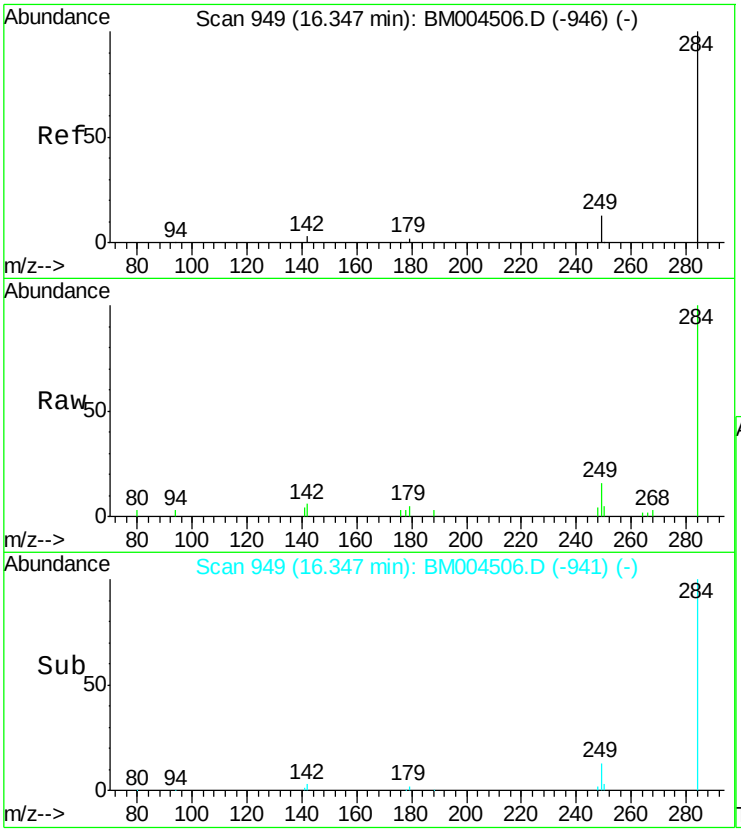


#20
4-Bromophenyl-phenylether
Concen: 0.60 ng
RT: 16.22 min Scan# 944
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:248 Resp: 3035

Ion	Ratio	Lower	Upper
248	100		
250	107.3	85.8	128.8
141	0.0	0.0	0.0



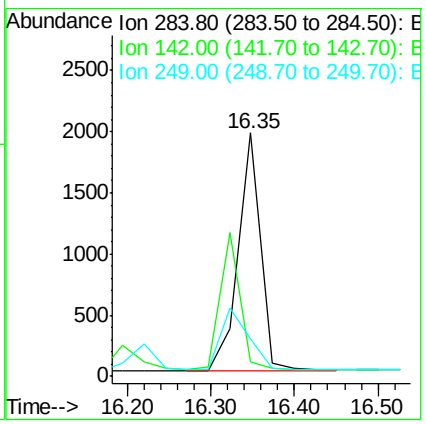


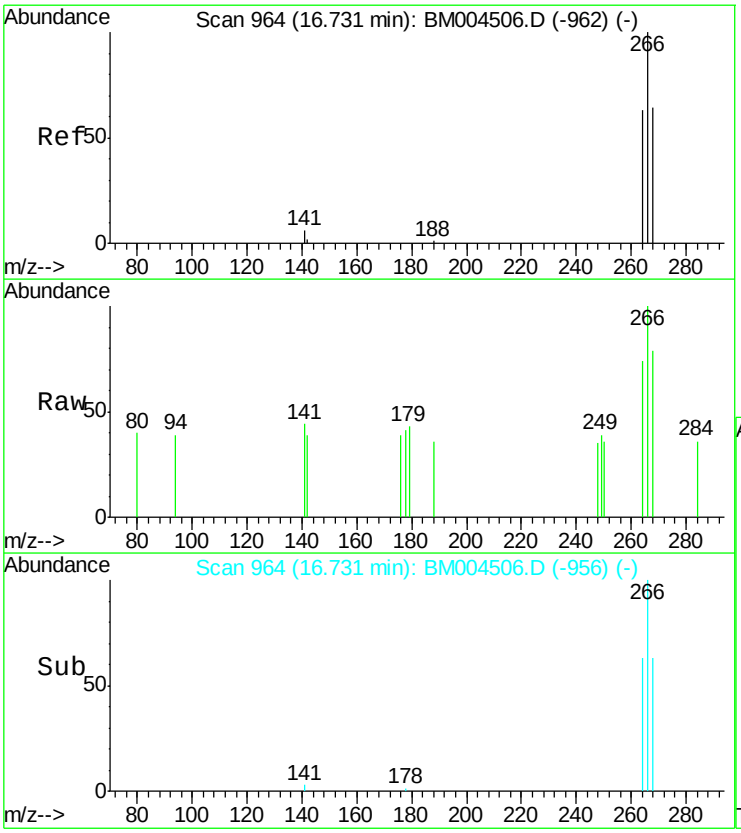
#21
Hexachlorobenzene
Concen: 0.63 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:284 Resp: 3641

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

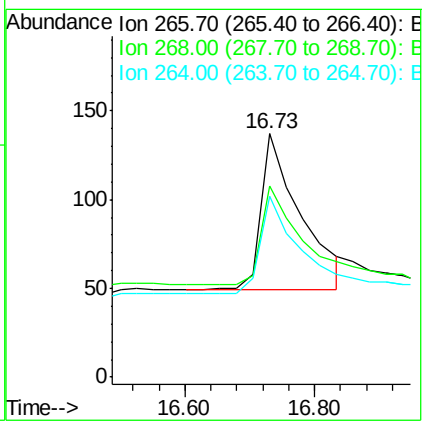


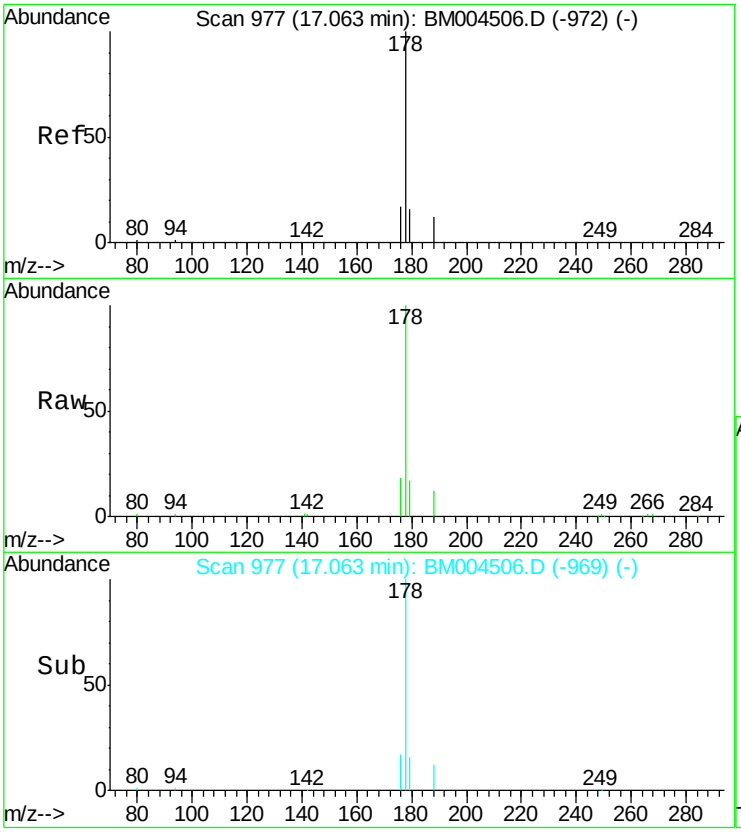


#22
Pentachlorophenol
Concen: 0.27 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:266 Resp: 371

Ion	Ratio	Lower	Upper
266	100		
268	78.8	63.0	94.6
264	74.5	59.6	89.4



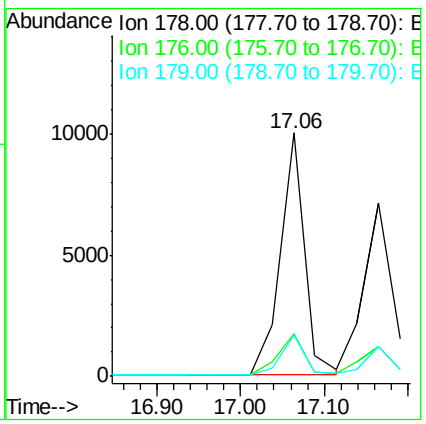


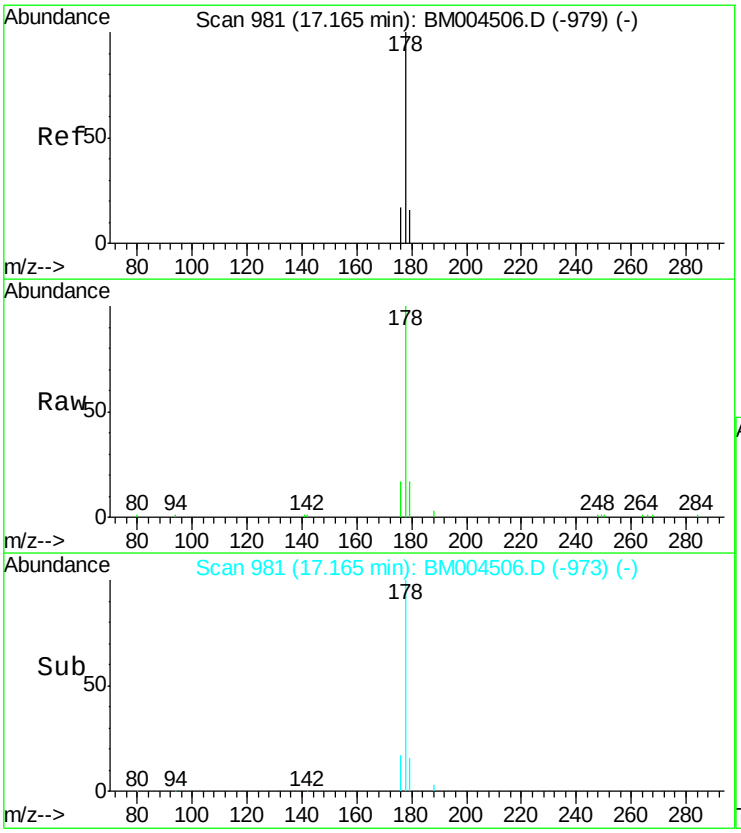
#23
Phenanthrene
Concen: 0.62 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 20183

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.0	12.8	19.2

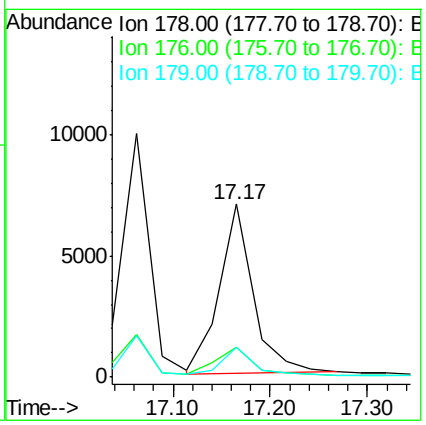


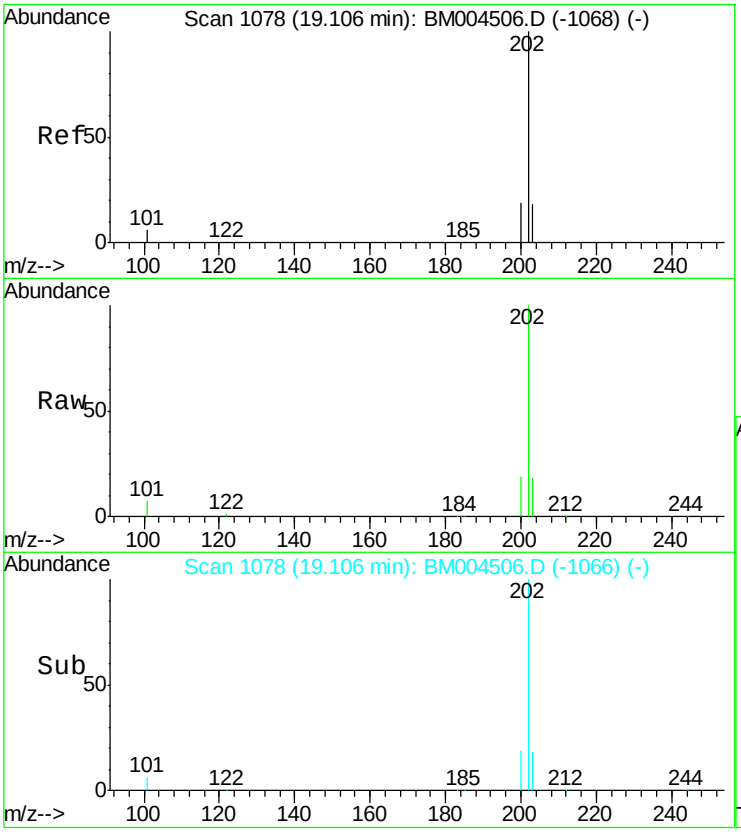


#24
Anthracene
Concen: 0.62 ng
RT: 17.17 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:178 Resp: 16738

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.0	12.2	18.4



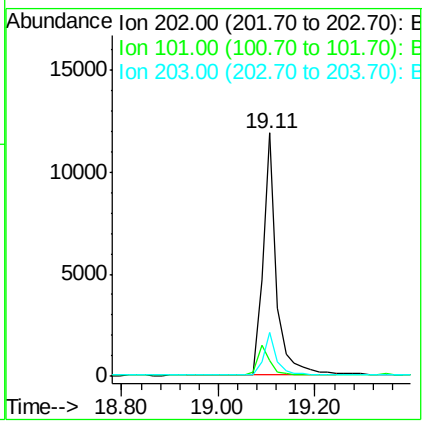


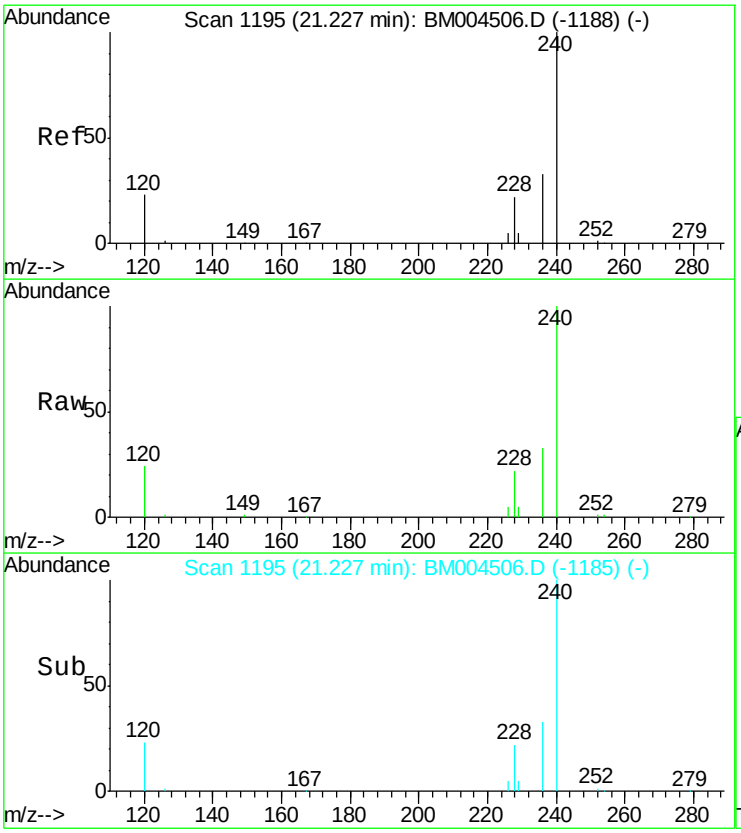
#25
Fluoranthene
Concen: 0.66 ng
RT: 19.11 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:202 Resp: 23308

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
203	17.3	13.8	20.8

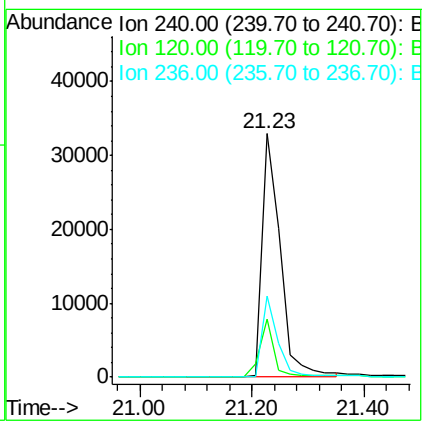


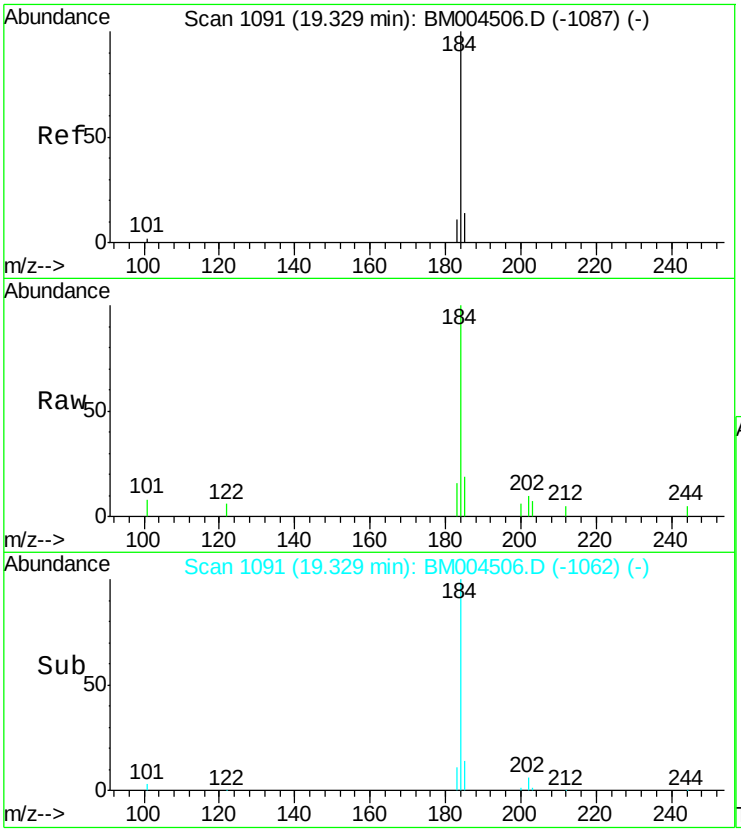


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:240 Resp: 73284

Ion	Ratio	Lower	Upper
240	100		
120	23.6	18.9	28.3
236	33.0	26.4	39.6



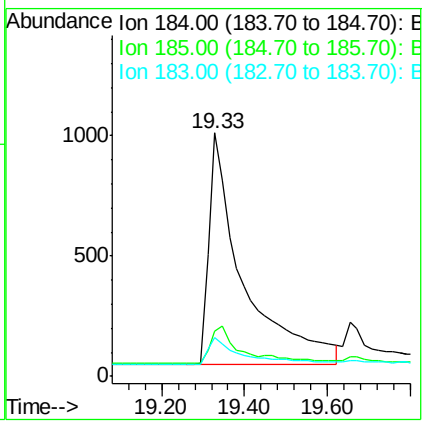


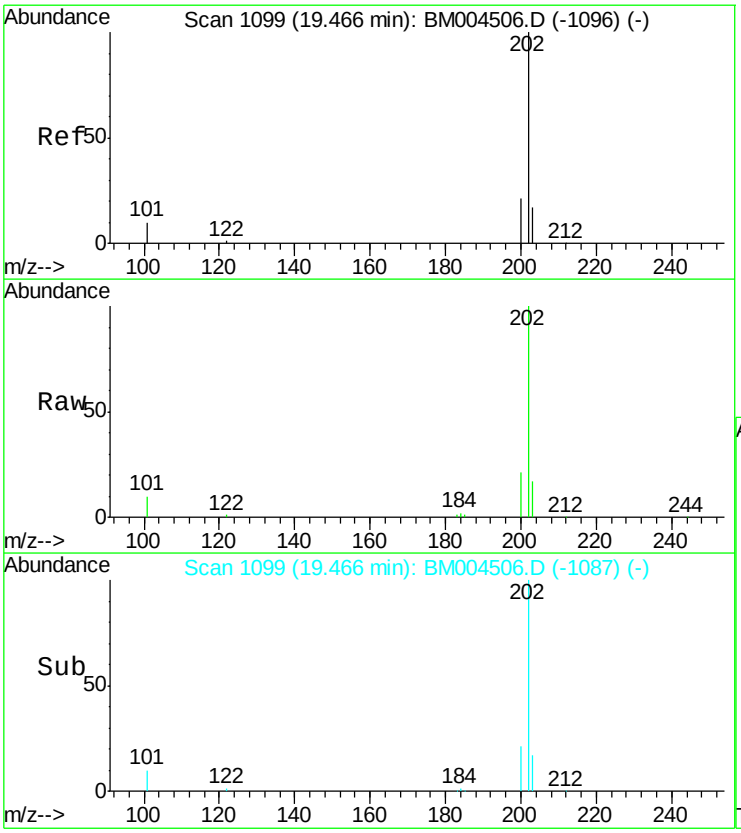
#27
Benzidine
Concen: 0.71 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:184 Resp: 5481

Ion	Ratio	Lower	Upper
184	100		
185	18.7	15.0	22.4
183	15.8	12.6	19.0

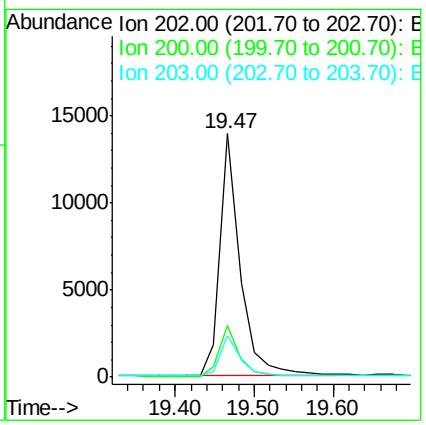


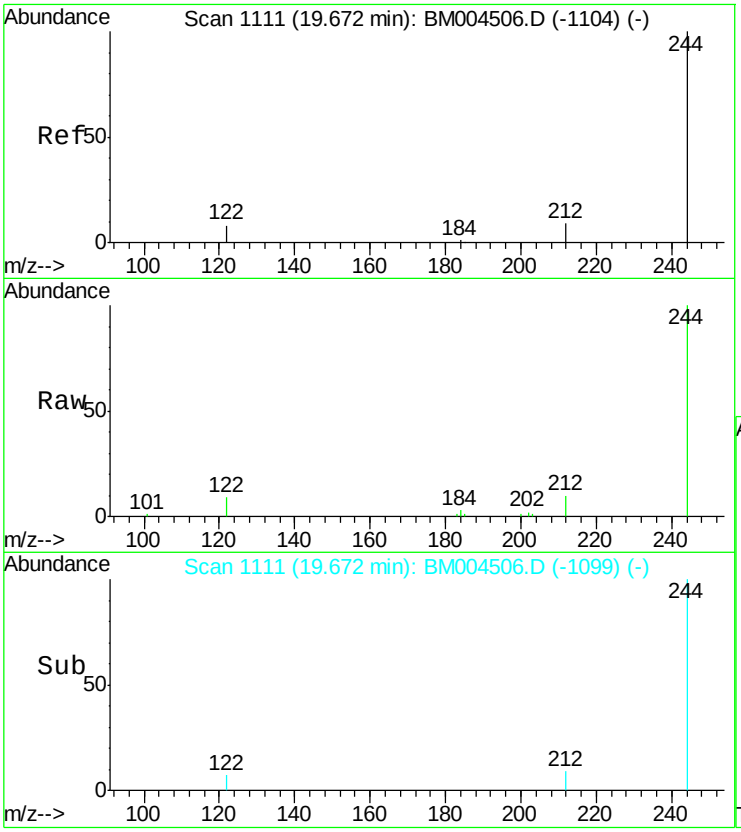


#28
Pyrene
Concen: 0.85 ng
RT: 19.47 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:202 Resp: 24500

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.1	13.7	20.5



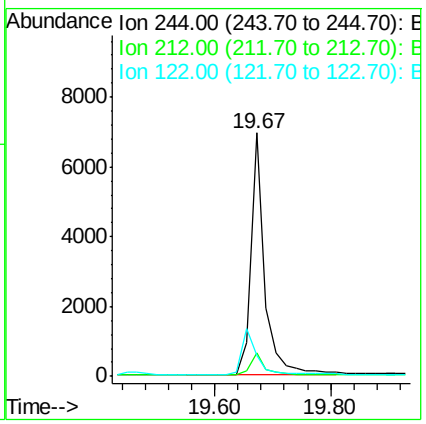


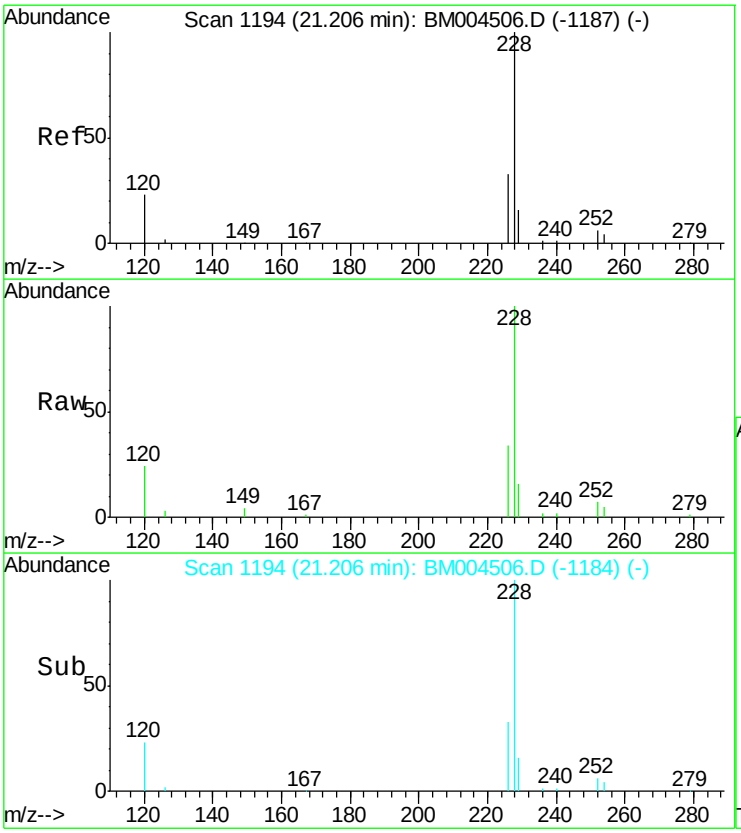
#29
Terphenyl-d14
Concen: 1.17 ng
RT: 19.67 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 11486

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.8	11.6
122	8.7	7.0	10.4

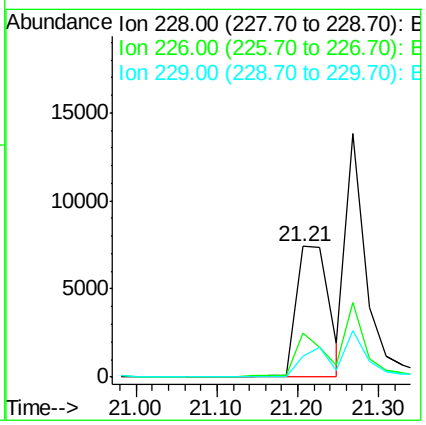


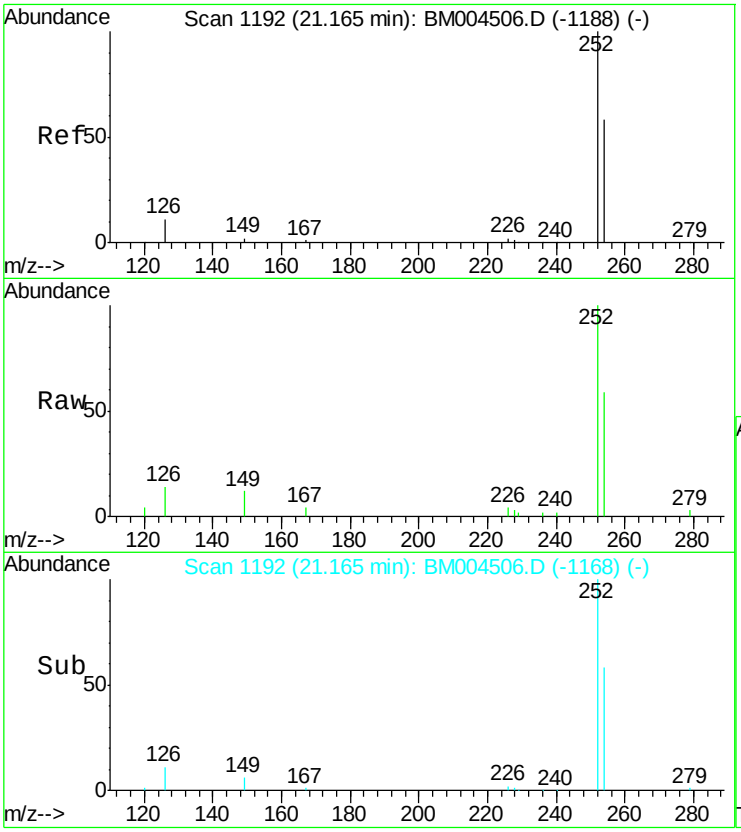


#30
Benzo(a)anthracene
Concen: 0.77 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:228 Resp: 20401

Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.0	40.4
229	16.4	13.1	19.7



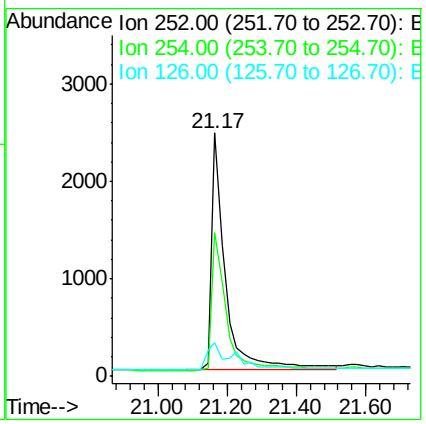


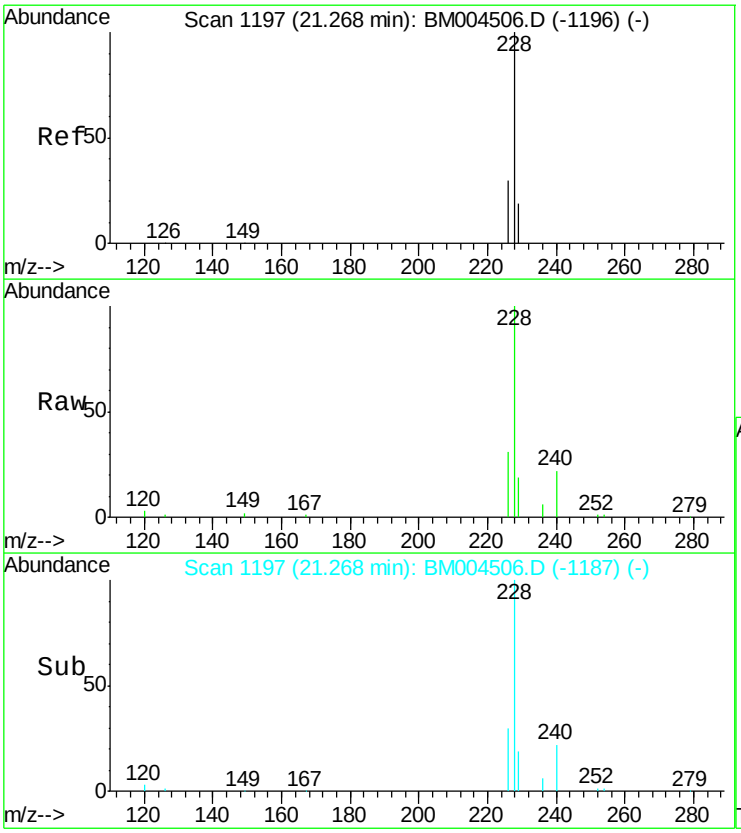
#31
3,3'-Dichlorobenzidine
Concen: 0.42 ng
RT: 21.17 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 6594

Ion	Ratio	Lower	Upper
252	100		
254	59.2	47.4	71.0
126	13.8	11.0	16.6

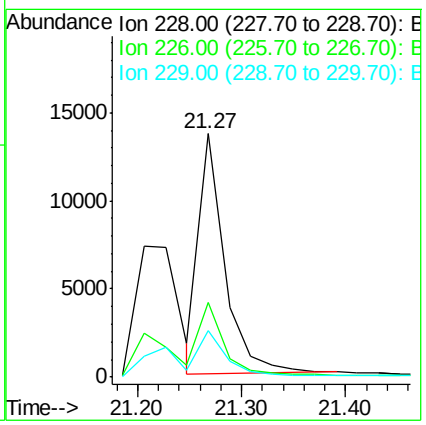


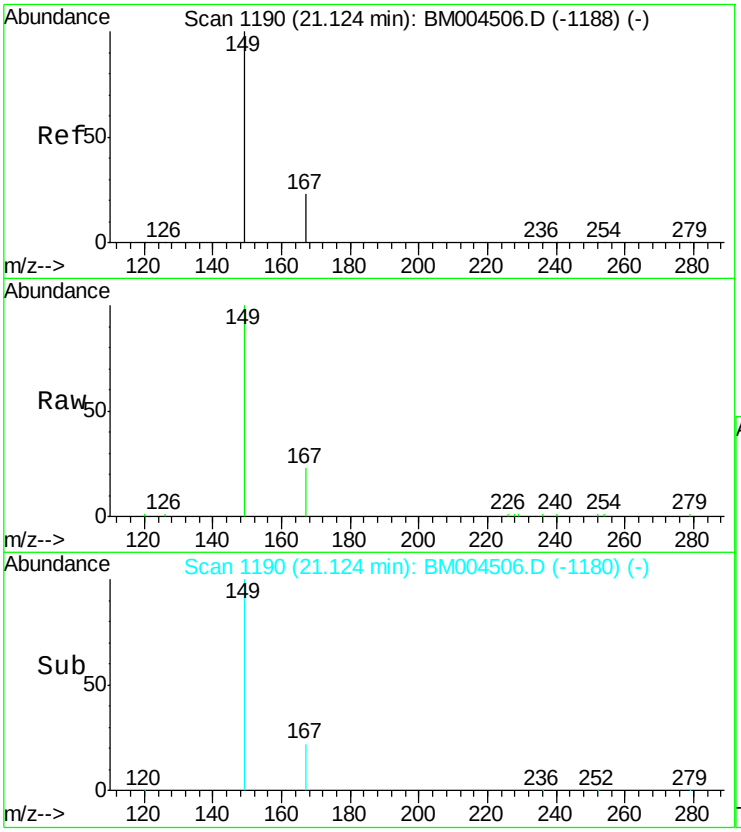


#32
Chrysene
Concen: 0.43 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:228 Resp: 23454

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.0	15.2	22.8



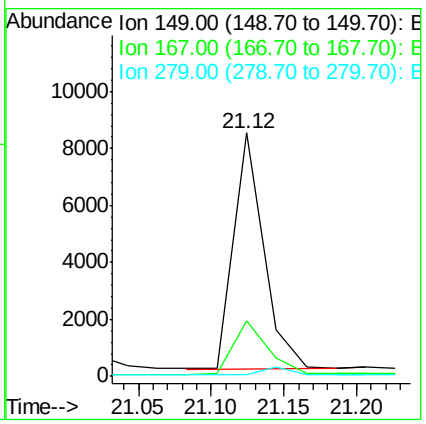


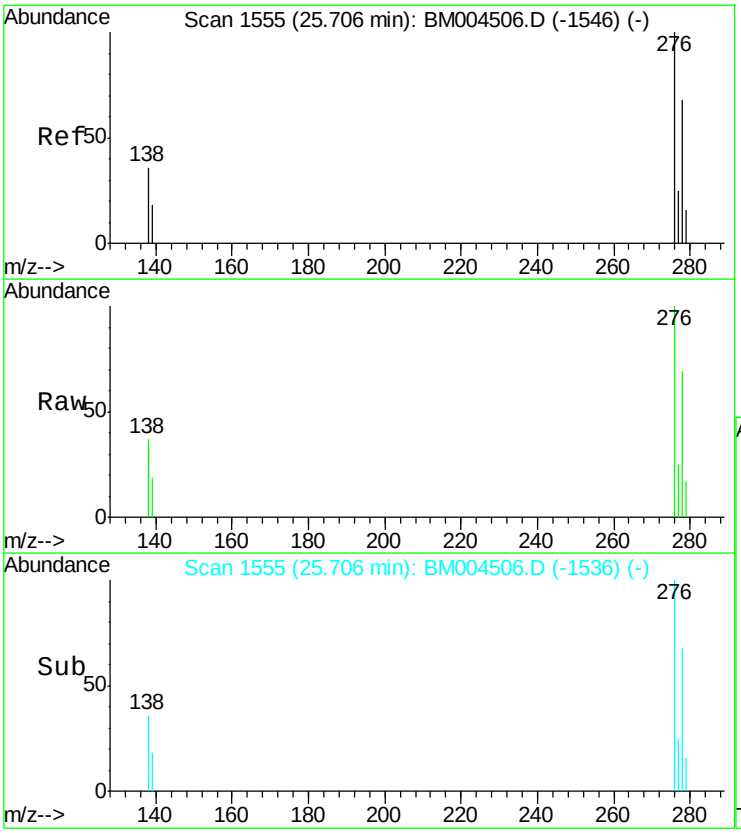
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.61 ng
RT: 21.12 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:149 Resp: 12019

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.2	30.4
279	0.0	0.0	0.0

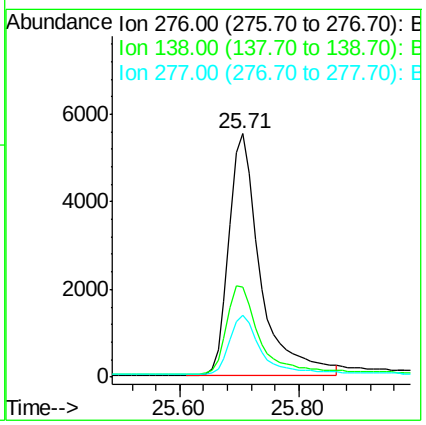


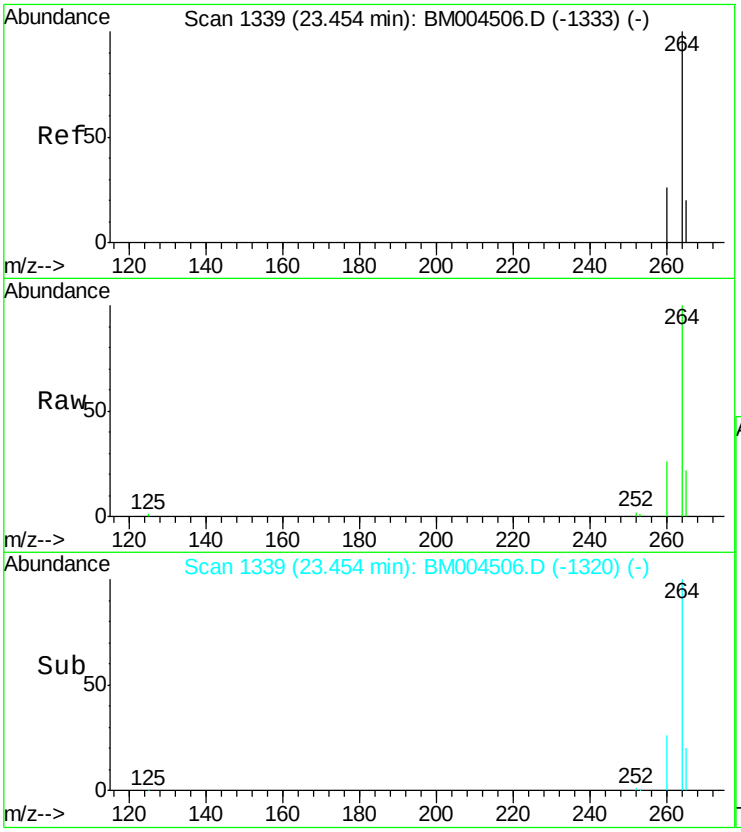


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.81 ng
RT: 25.71 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:276 Resp: 20101

Ion	Ratio	Lower	Upper
276	100		
138	38.7	31.0	46.4
277	24.9	19.9	29.9



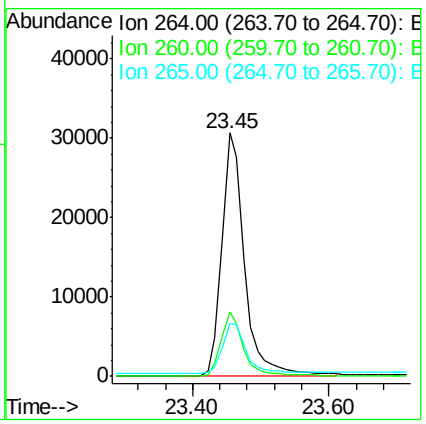


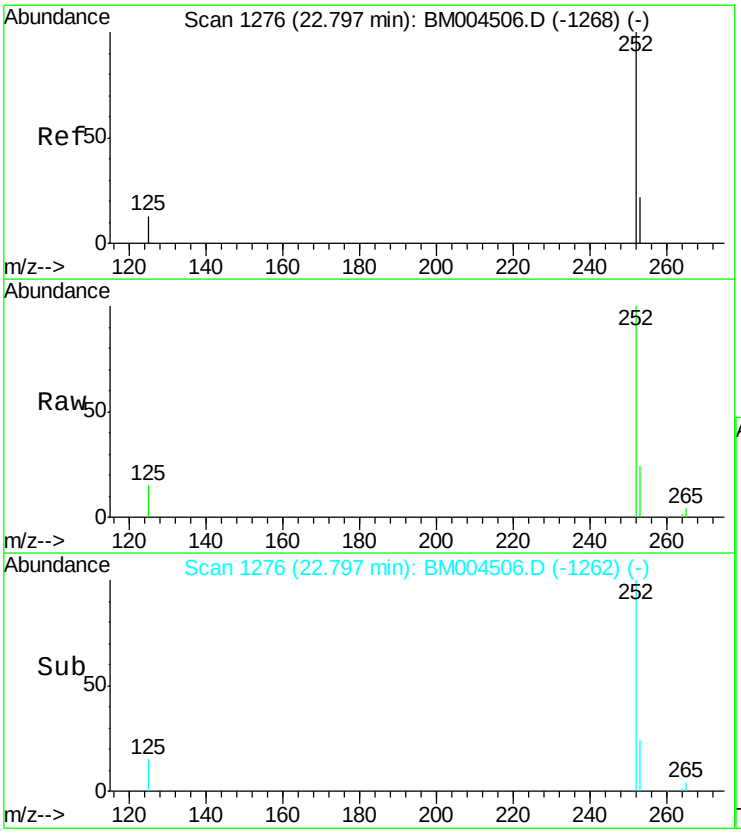
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:264 Resp: 70626

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	21.7	17.4	26.0

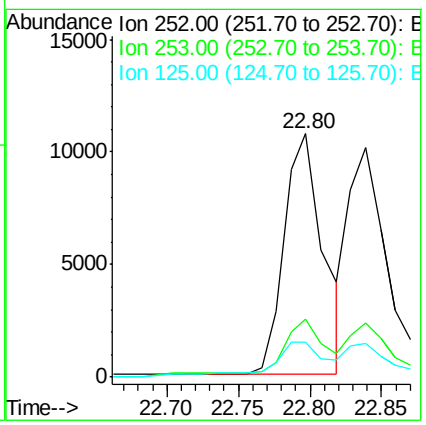


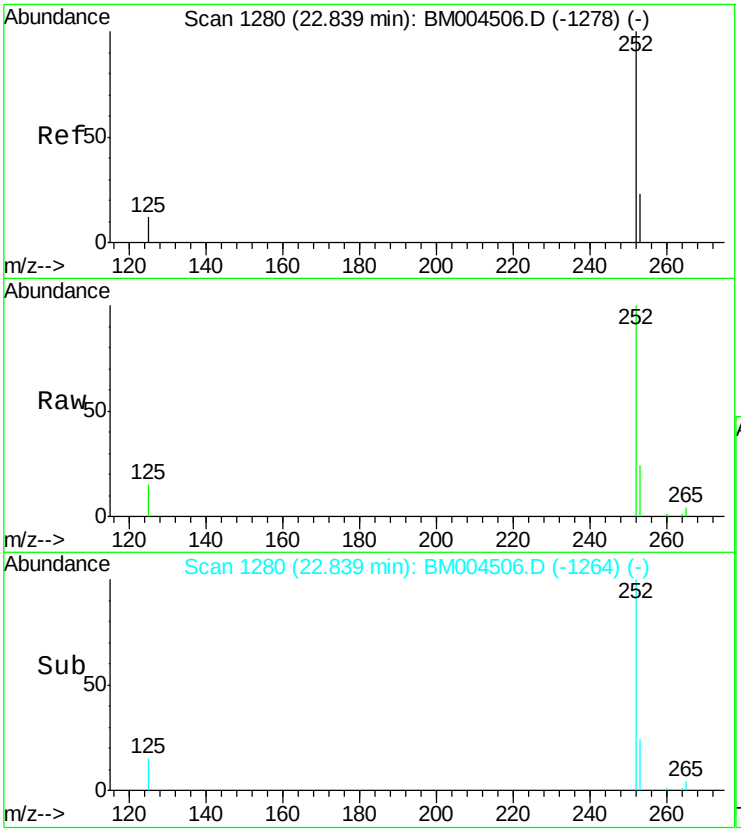


#36
Benzo(b)fluoranthene
Concen: 0.76 ng
RT: 22.80 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:252 Resp: 20387

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	14.6	11.7	17.5



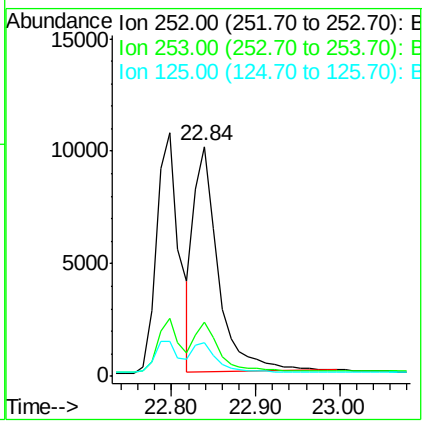


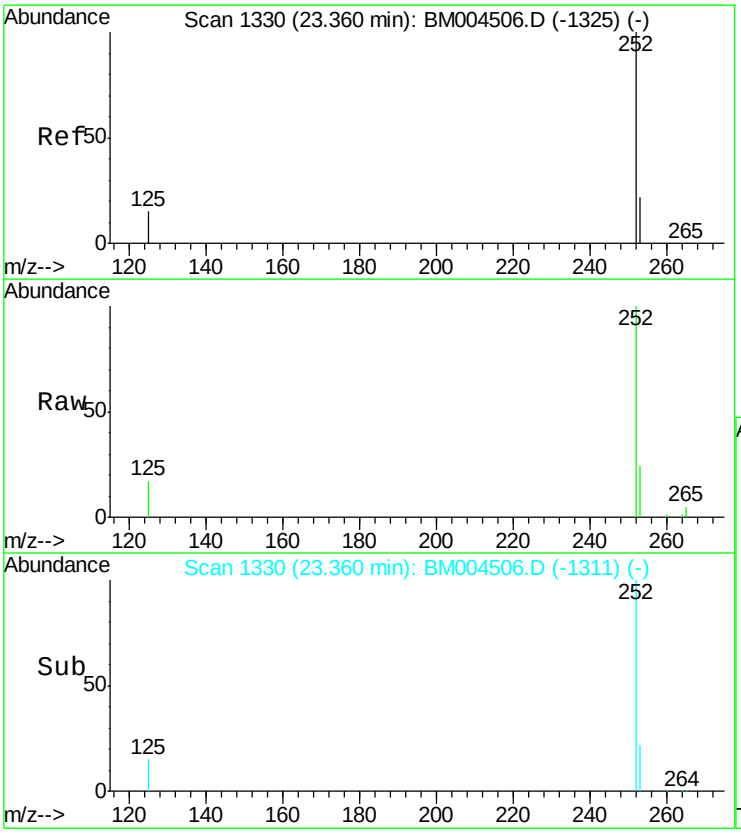
#37
Benzo(k)fluoranthene
Concen: 0.76 ng
RT: 22.84 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 20083

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	14.9	11.9	17.9

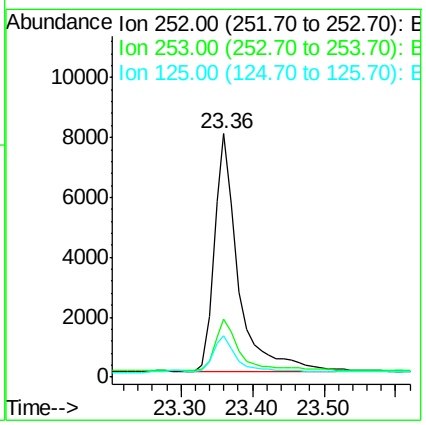


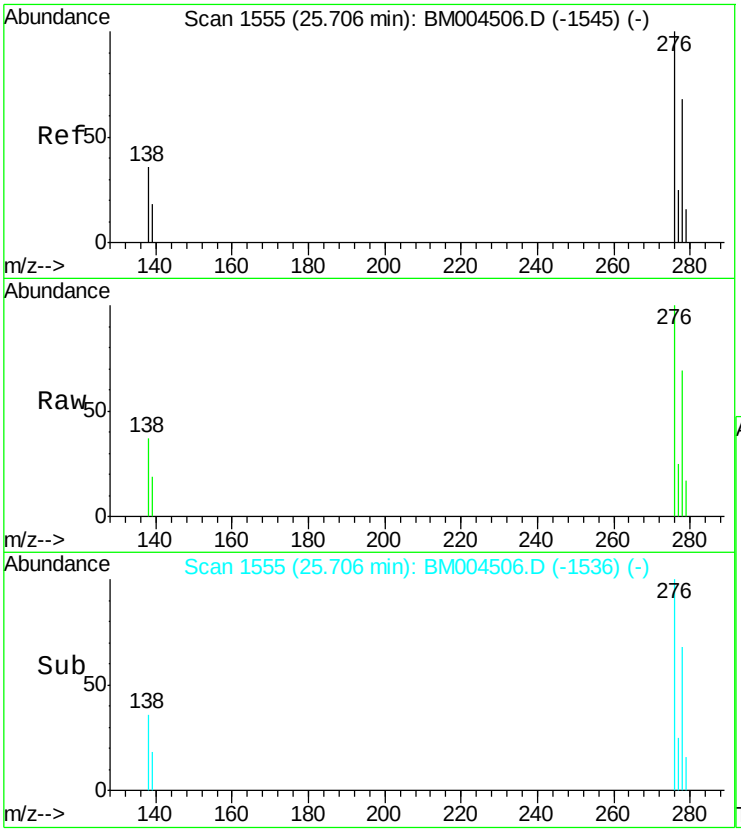


#38
Benzo(a)pyrene
Concen: 0.78 ng
RT: 23.36 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:252 Resp: 18837

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	17.1	13.7	20.5



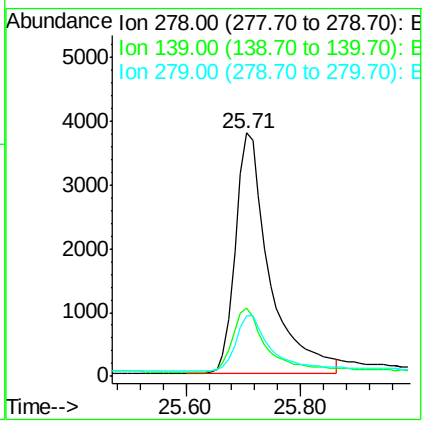


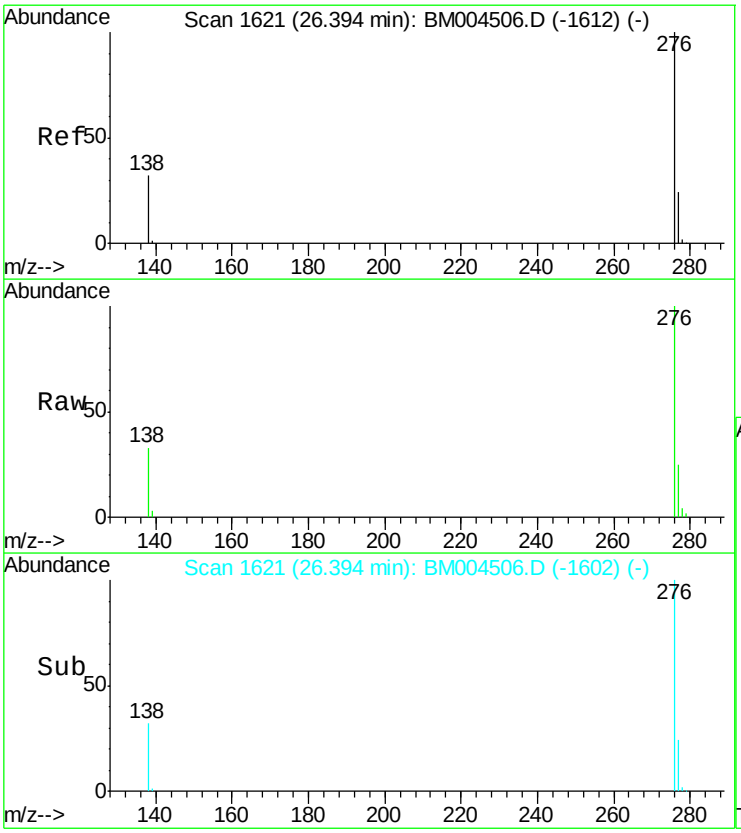
#39
Dibenzo(a,h)anthracene
Concen: 0.74 ng
RT: 25.71 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

Tgt Ion:278 Resp: 15559

Ion	Ratio	Lower	Upper
278	100		
139	28.2	22.6	33.8
279	25.1	20.1	30.1





#40
Benzo(g,h,i)perylene
Concen: 0.77 ng
RT: 26.39 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 05:34

Tgt Ion:276 Resp: 17760

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	33.3	26.6	40.0