Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
Data File : BM004504.D
Acq On : 02 Mar 2016 04:21
Operator : SJ/UM
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Quant Time: Mar 02 07:01:22 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	20711	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	78609	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	41140	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	87752	5.00	ng		0.00
26) Chrysene-d12	21.23	240	74721	5.00	ng		0.00
35) Perylene-d12	23.45	264	69939	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	1891	0.40	ng		0.00
5) Phenol-d6	6.85	99	2190	0.41	ng		0.02
8) Nitrobenzene-d5	8.81	82	1613	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	522	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.89	172	6009	0.48	ng		0.00
29) Terphenyl-d14	19.67	244	6672	0.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1054	0.44	ng		93
3) n-Nitrosodimethylamine	3.44	42	683	0.34	ng	#	99
6) bis(2-Chloroethyl)ether	7.05	93	2008	0.36	ng		99
9) Nitrobenzene	8.85	77	1736	0.33	ng		99
10) Naphthalene	10.44	128	8932	0.37	ng		99
11) Hexachlorobutadiene	10.72	225	1562	0.44	ng		100
12) 2-Methylnaphthalene	12.09	142	5345	0.40	ng		98
16) Acenaphthylene	13.97	152	8335	0.36	ng		100
17) Acenaphthene	14.33	154	5822	0.39	ng		98
18) Fluorene	15.33	166	6801	0.37	ng		98
20) 4-Bromophenyl-phenylether	16.22	248	1747	0.37	ng	#	99
21) Hexachlorobenzene	16.35	284	2075	0.39	ng	#	100
22) Pentachlorophenol	16.76	266	170	0.13	ng		90
23) Phenanthrene	17.06	178	10779	0.36	ng		100
24) Anthracene	17.16	178	9117	0.36	ng		99
25) Fluoranthene	19.11	202	12786	0.40	ng		100
27) Benzidine	19.35	184	2442	0.31	ng	#	1
28) Pyrene	19.47	202	13688	0.46	ng		100
30) Benzo(a)anthracene	21.27	228	12006	0.44	ng		95
31) 3,3'-Dichlorobenzidine	21.16	252	3228	0.20	ng	#	96
32) Chrysene	21.27	228	13416	0.24	ng		100
33) Bis(2-ethylhexyl)phthalate	21.12	149	7236	0.36	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.72	276	10130	0.40	ng		100
36) Benzo(b)fluoranthene	22.80	252	13735	0.52	ng		97
37) Benzo(k)fluoranthene	22.84	252	11207	0.43	ng		98
38) Benzo(a)pyrene	23.36	252	10032	0.42	ng		96
39) Dibenzo(a,h)anthracene	25.72	278	7779	0.37	ng		97
40) Benzo(g,h,i)perylene	26.39	276	9059	0.40	ng		97

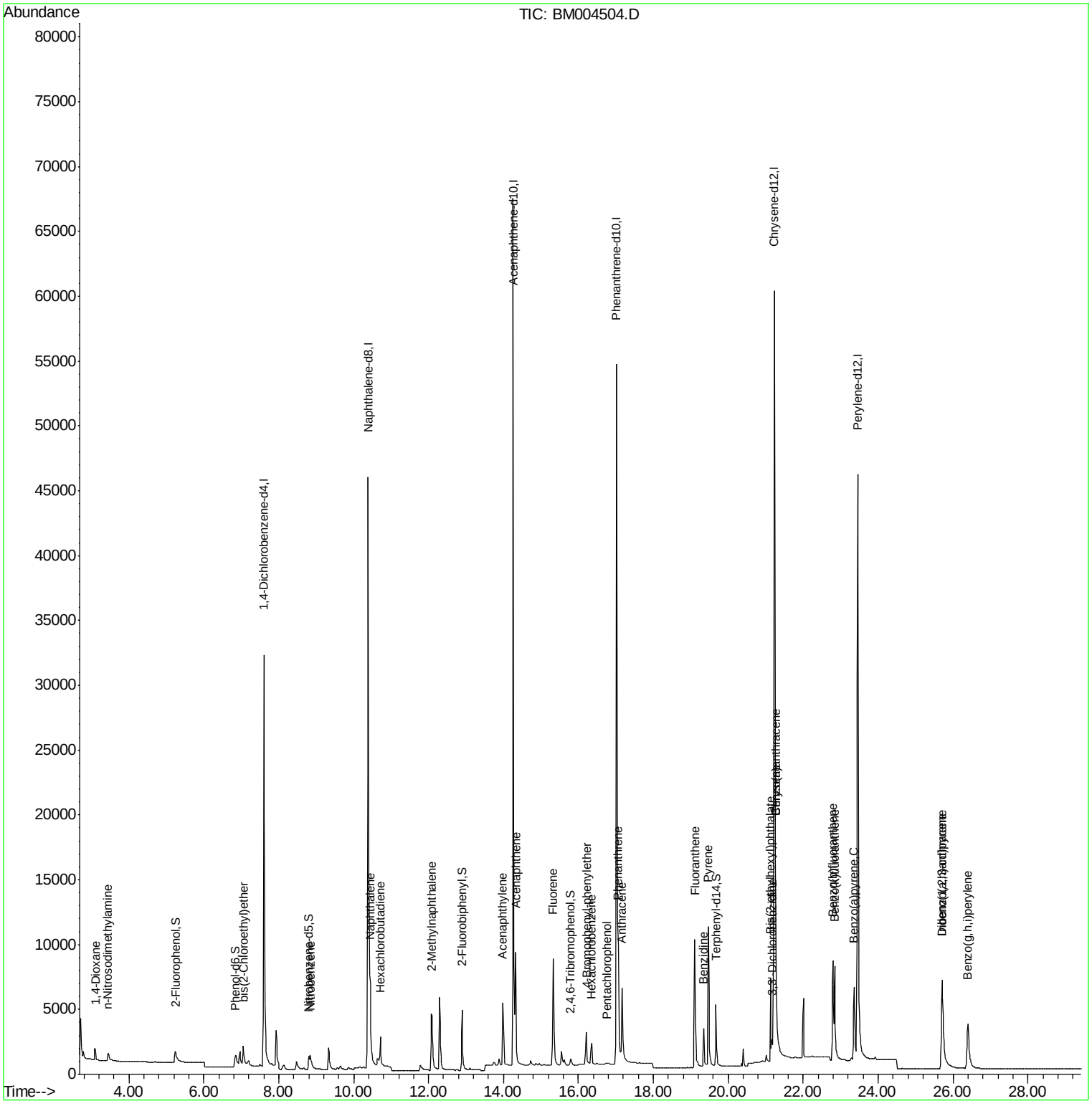
(#) = qualifier out of range (m) = manual integration (+) = signals summed

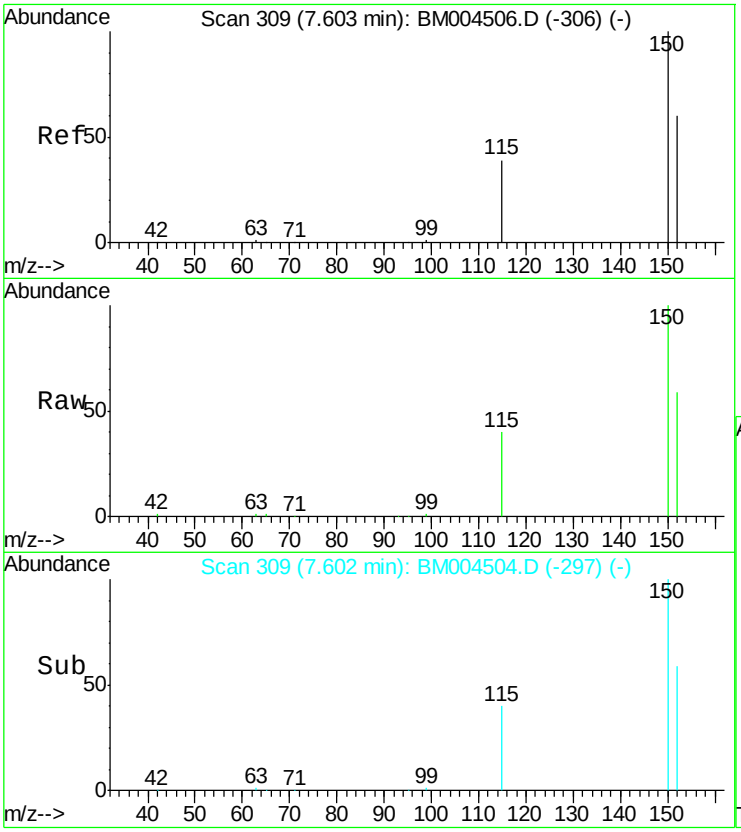
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
Data File : BM004504.D
Acq On : 02 Mar 2016 04:21
Operator : SJ/UM
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Quant Time: Mar 02 07:01:22 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



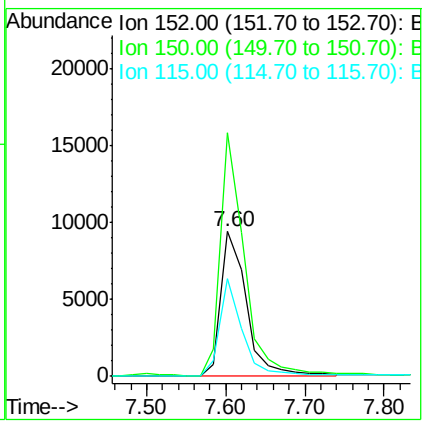


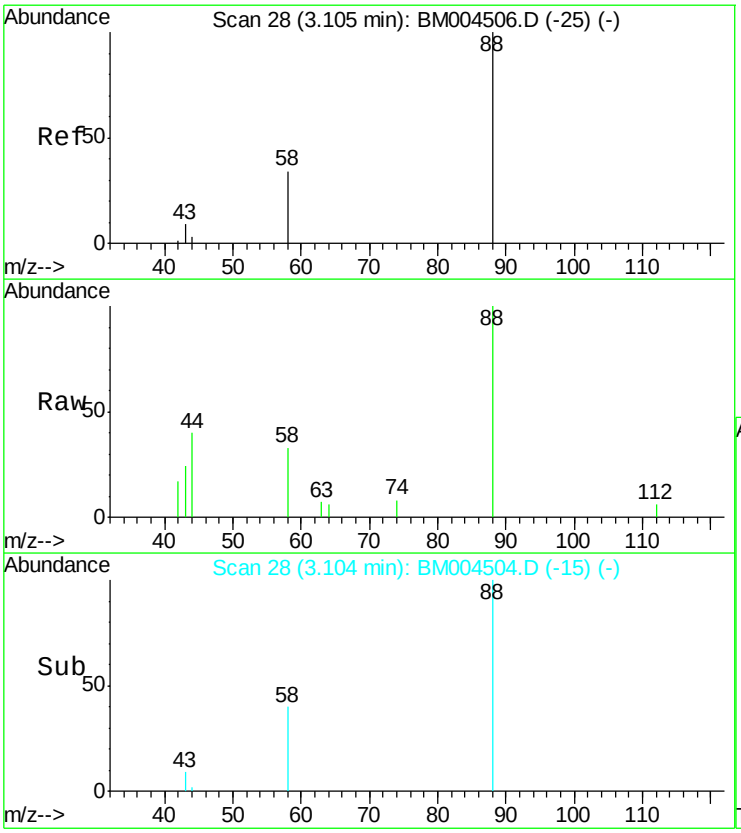
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 20711

Ion	Ratio	Lower	Upper
152	100		
150	168.4	134.2	201.2
115	67.3	52.2	78.4

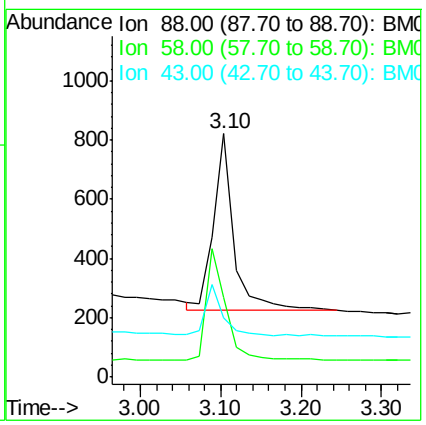


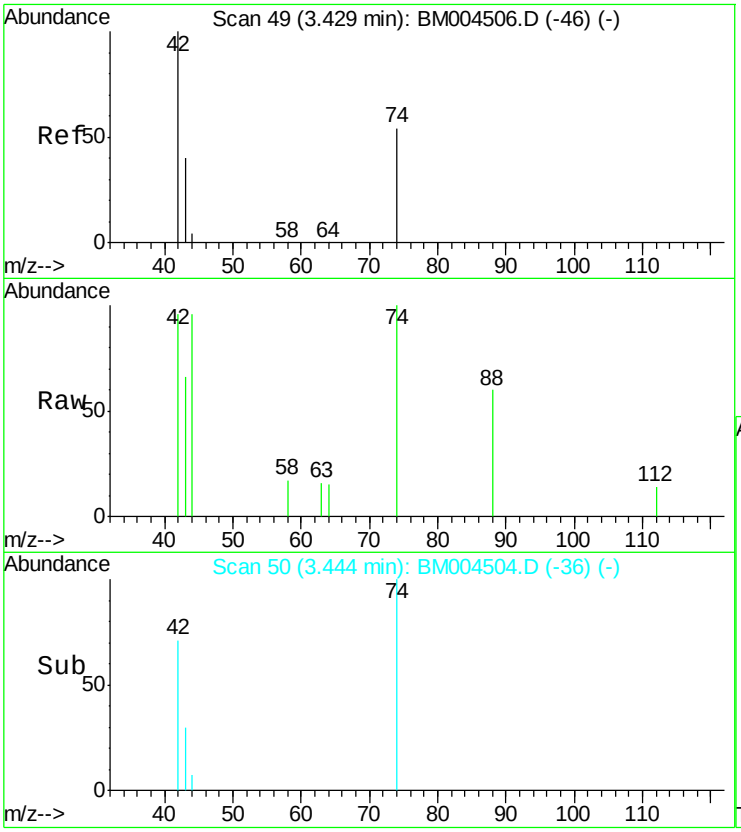


#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.10 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 88 Resp: 1054

Ion	Ratio	Lower	Upper
88	100		
58	58.8	52.9	79.3
43	26.1	20.8	31.2



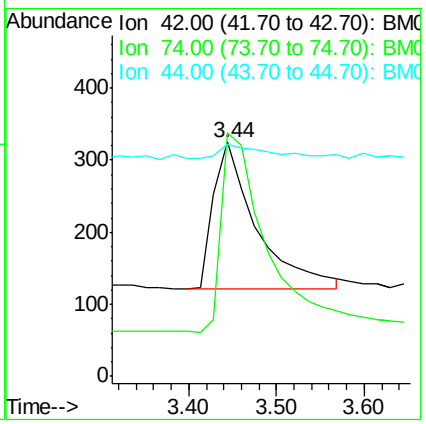


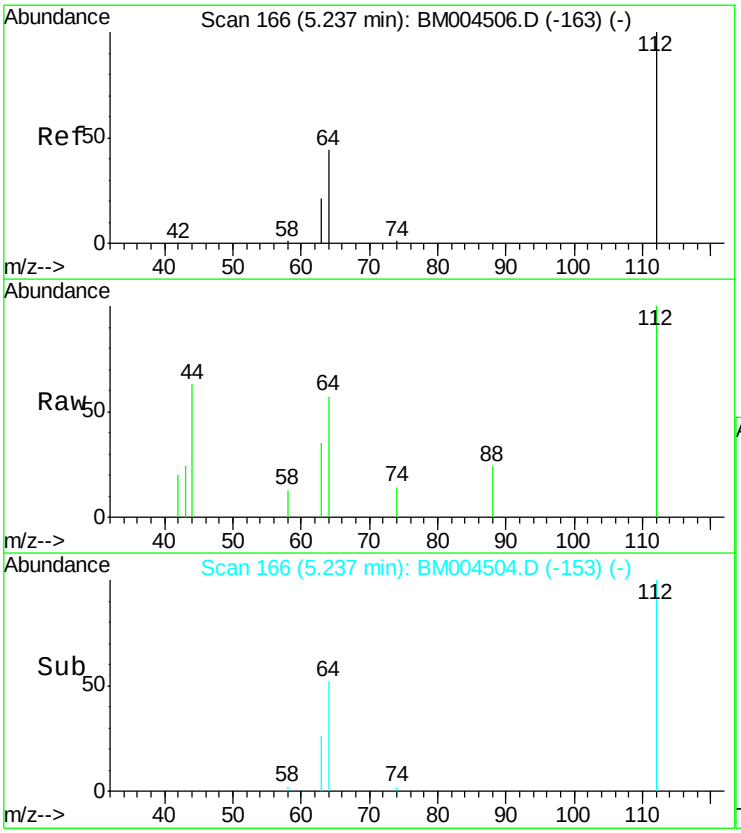
#3
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.44 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 683

Ion	Ratio	Lower	Upper
42	100		
74	143.0	115.5	173.3
44	10.2	6.2	9.4#

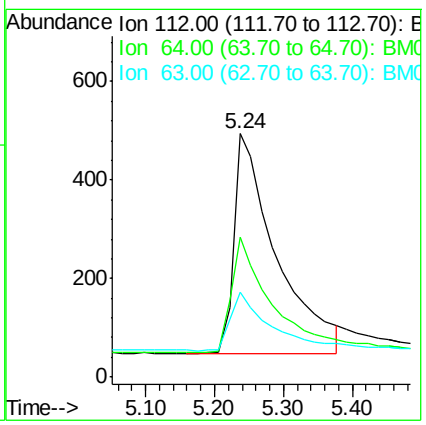


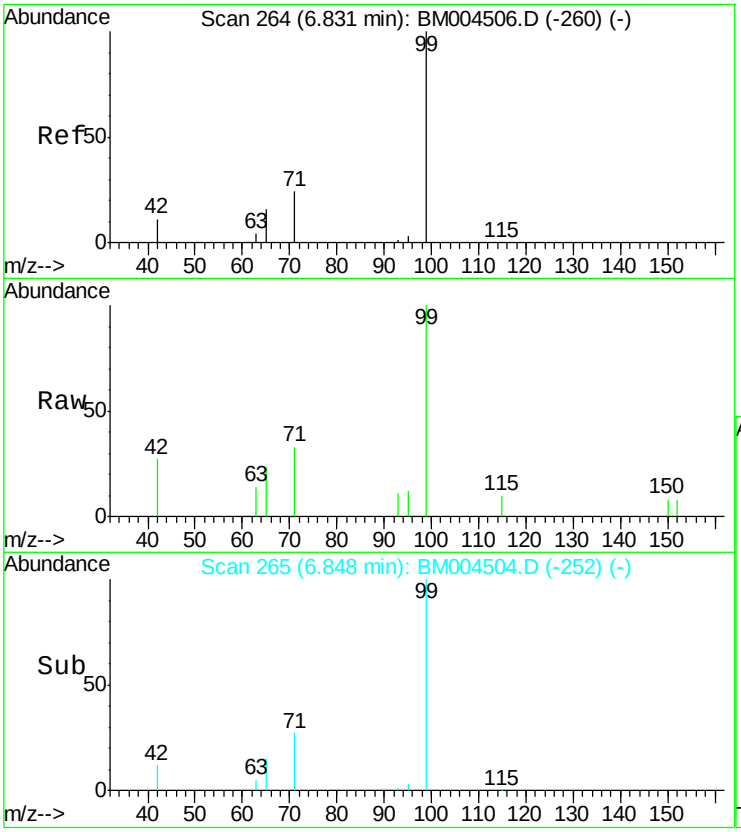


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.24 min Scan# 166
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:112 Resp: 1891

Ion	Ratio	Lower	Upper
112	100		
64	50.4	37.0	55.6
63	25.6	19.0	28.4



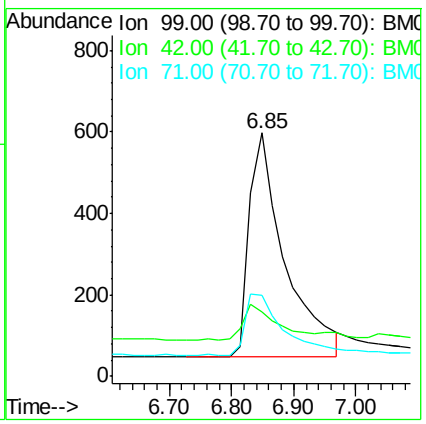


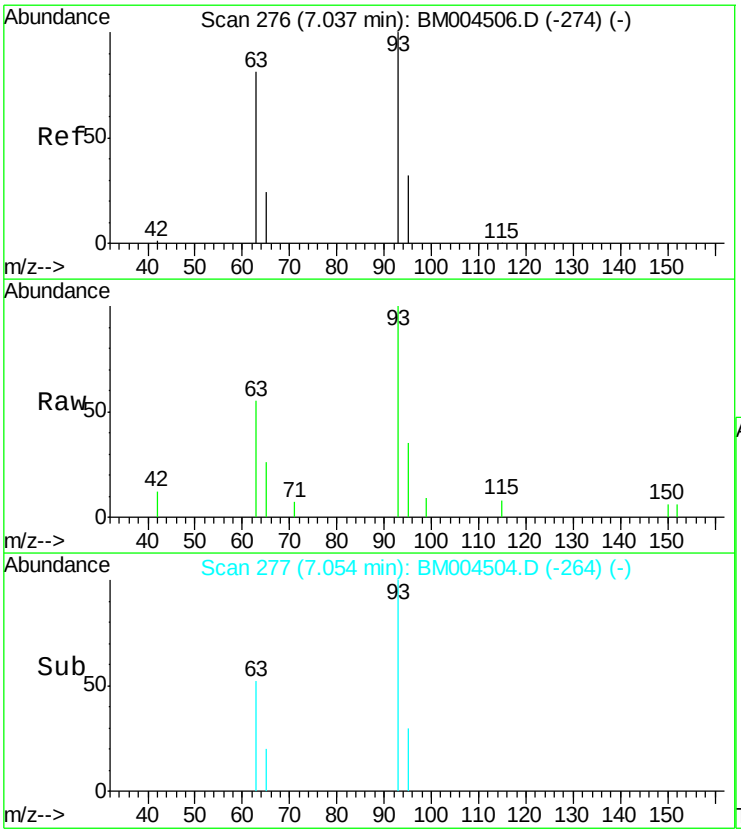
#5
Phenol-d6
Concen: 0.41 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.02 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 2190

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.4
71	29.4	23.4	35.2

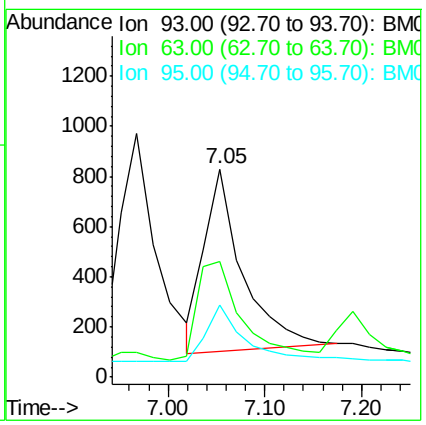


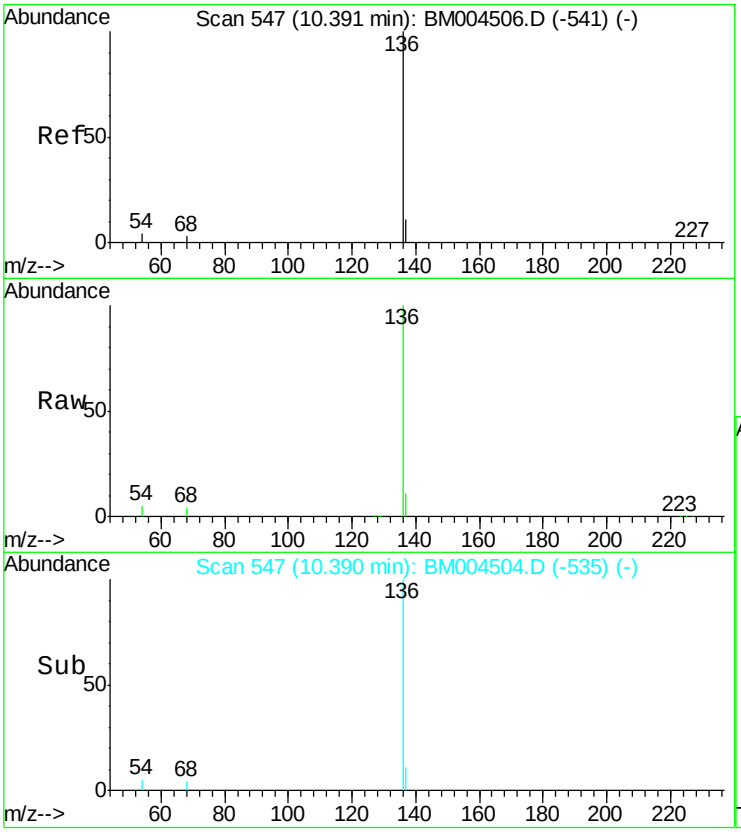


#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.05 min Scan# 277
Delta R.T. 0.02 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 93 Resp: 2008

Ion	Ratio	Lower	Upper
93	100		
63	65.0	51.1	76.7
95	32.1	25.0	37.6



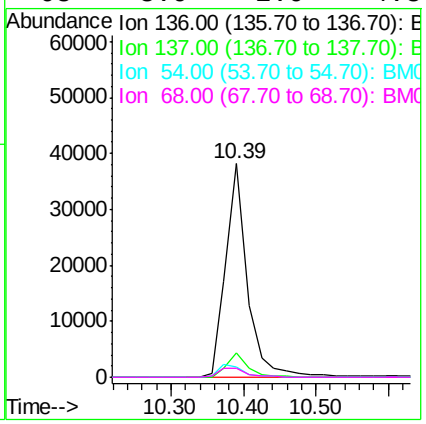


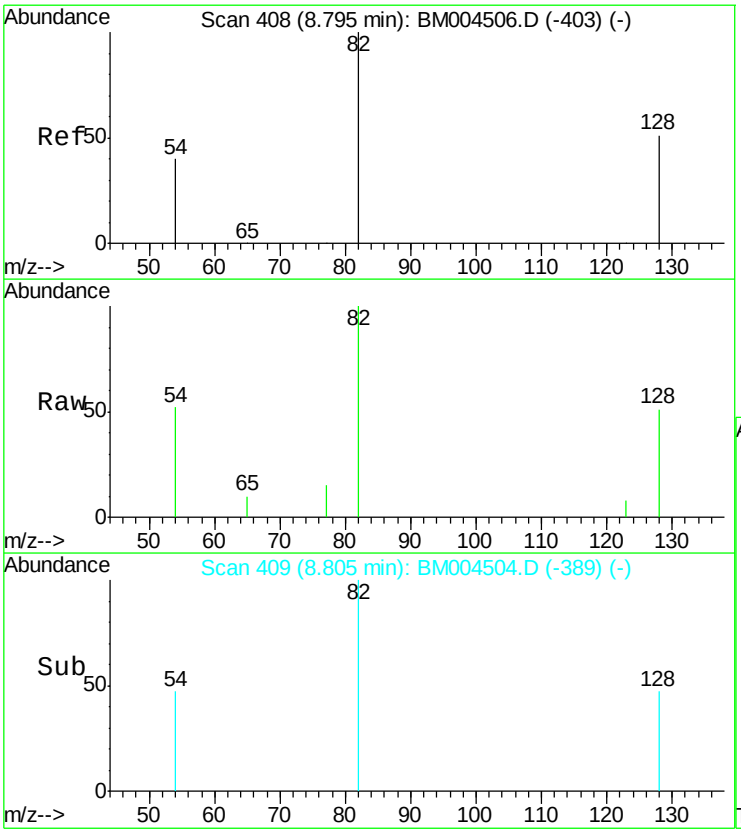
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 78609

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	4.7	3.3	4.9
68	3.9	2.9	4.3

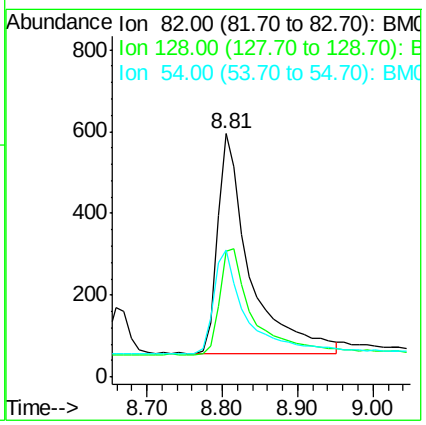


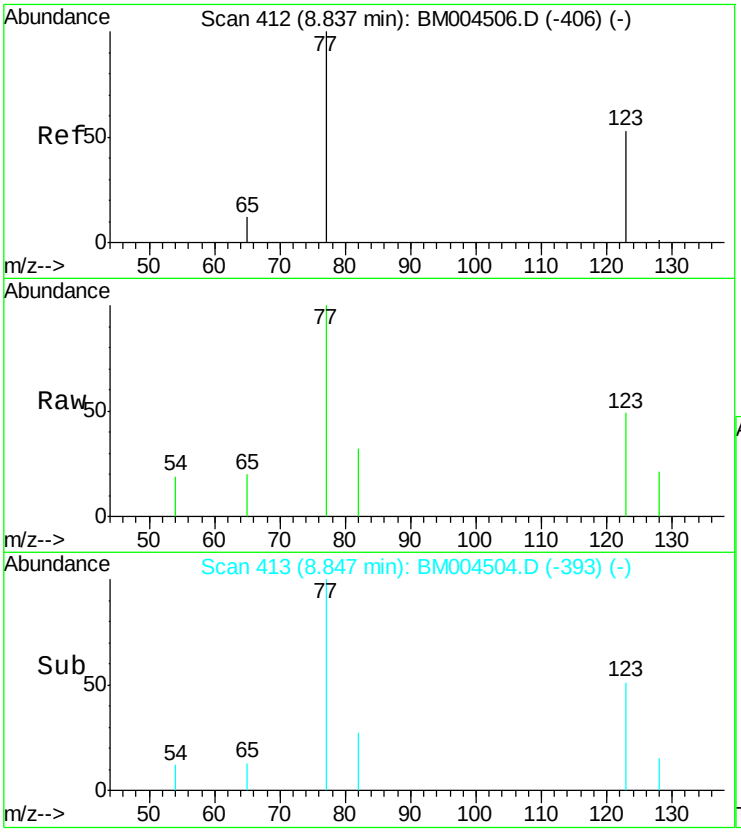


#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.81 min Scan# 409
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion: 82 Resp: 1613

Ion	Ratio	Lower	Upper
82	100		
128	51.4	41.9	62.9
54	52.1	34.2	51.2#



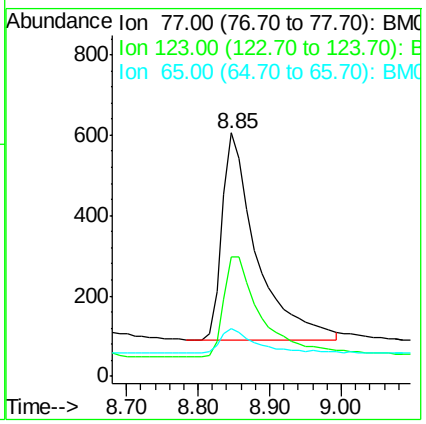


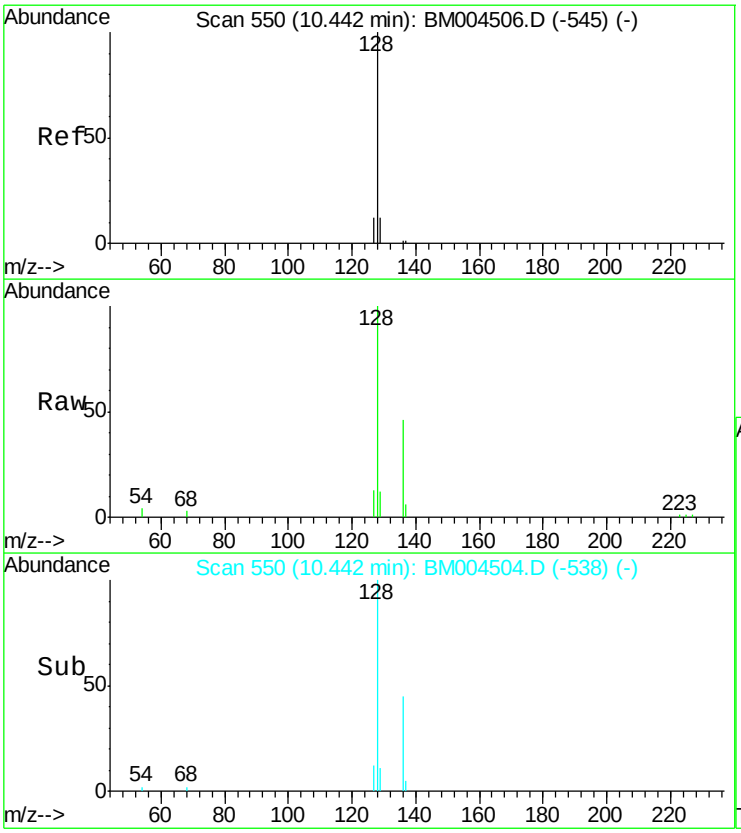
#9
Nitrobenzene
Concen: 0.33 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 1736

Ion	Ratio	Lower	Upper
77	100		
123	52.4	42.5	63.7
65	12.4	10.0	15.0

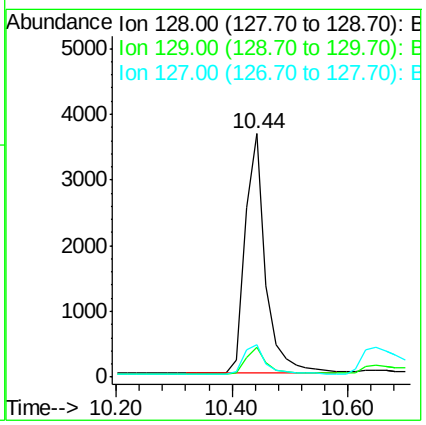


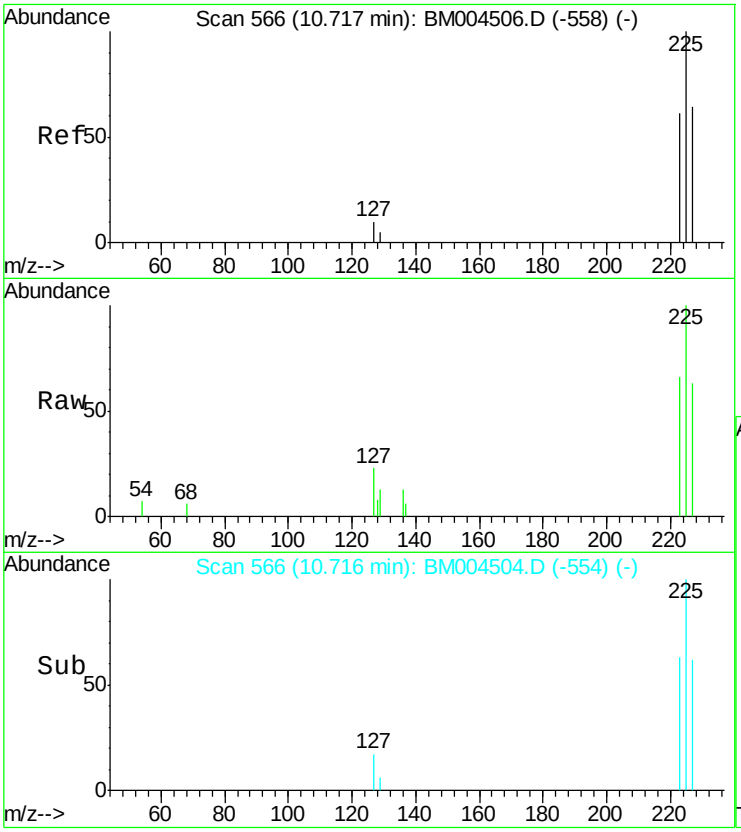


#10
Naphthalene
Concen: 0.37 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:128 Resp: 8932

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	13.3	9.9	14.9



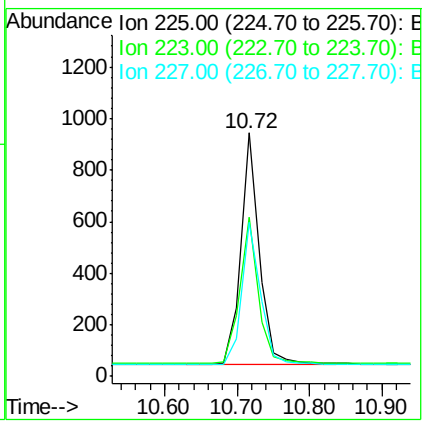


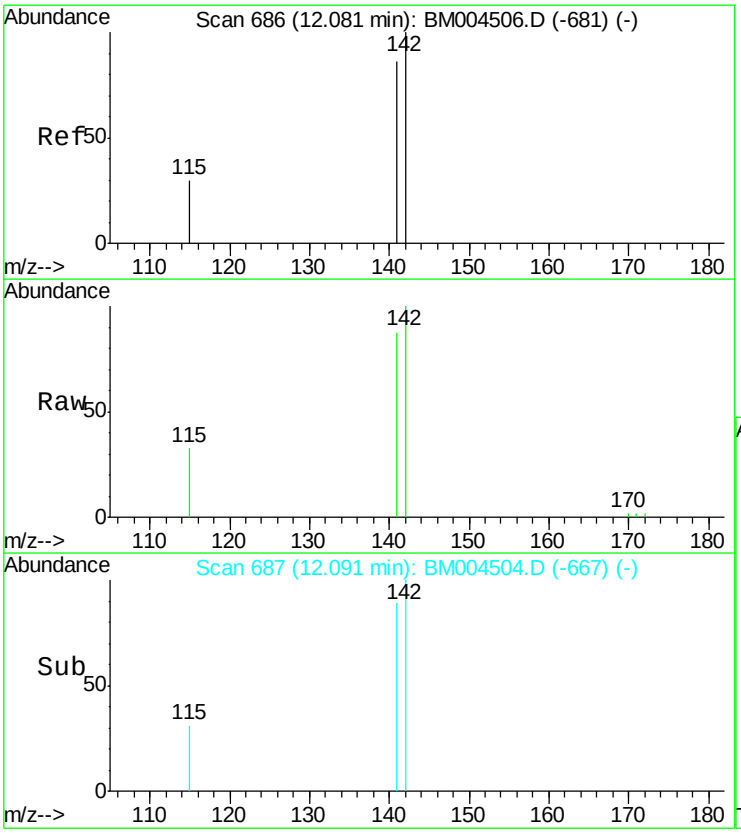
#11
Hexachlorobutadiene
Concen: 0.44 ng
RT: 10.72 min Scan# 566
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:225 Resp: 1562

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.7	76.1
227	63.8	51.1	76.7

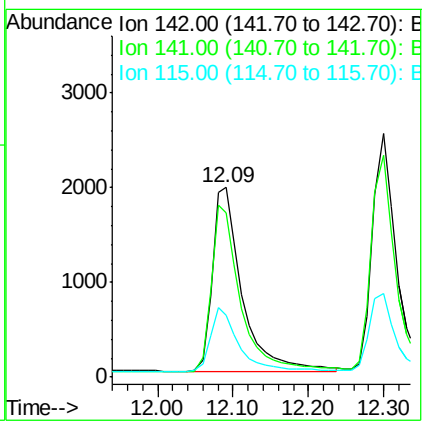


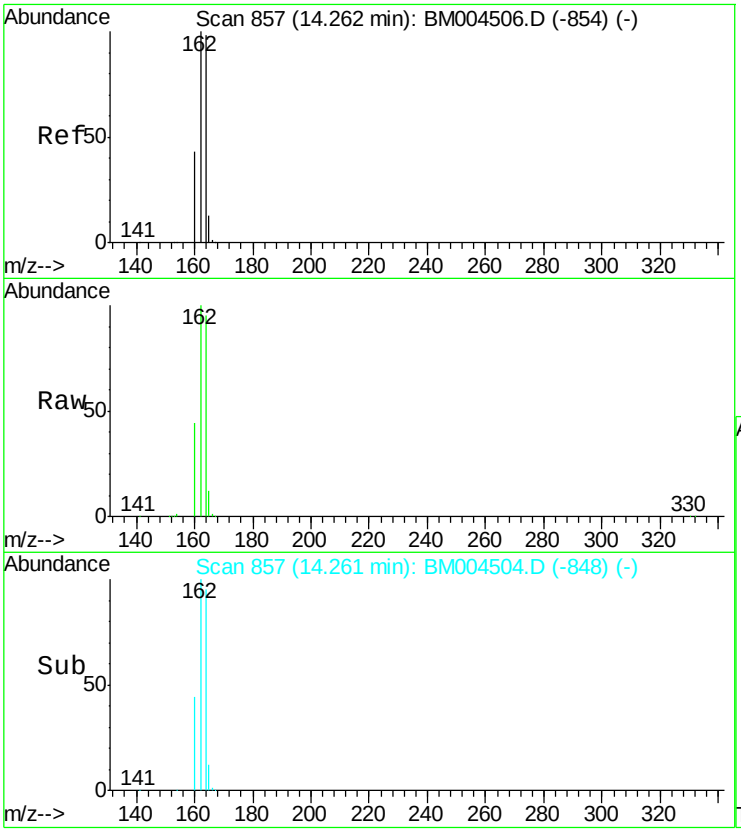


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.09 min Scan# 687
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:142 Resp: 5345

Ion	Ratio	Lower	Upper
142	100		
141	86.9	68.5	102.7
115	32.7	24.6	36.8



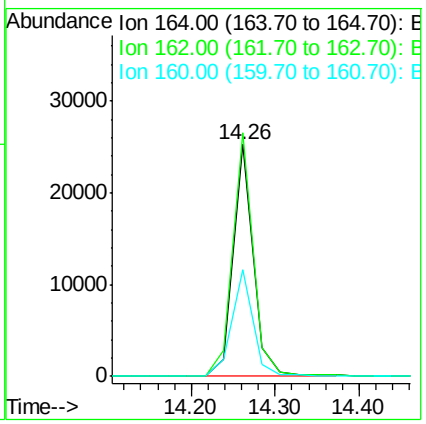


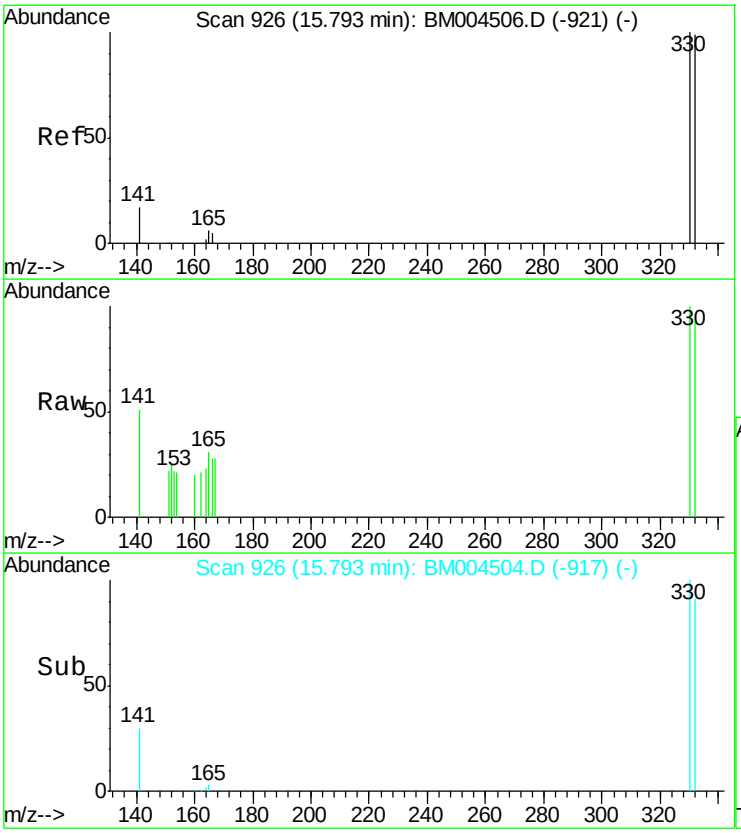
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 41140

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.6	122.4
160	46.3	34.9	52.3

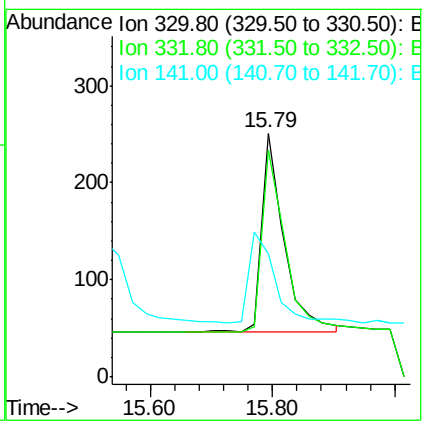


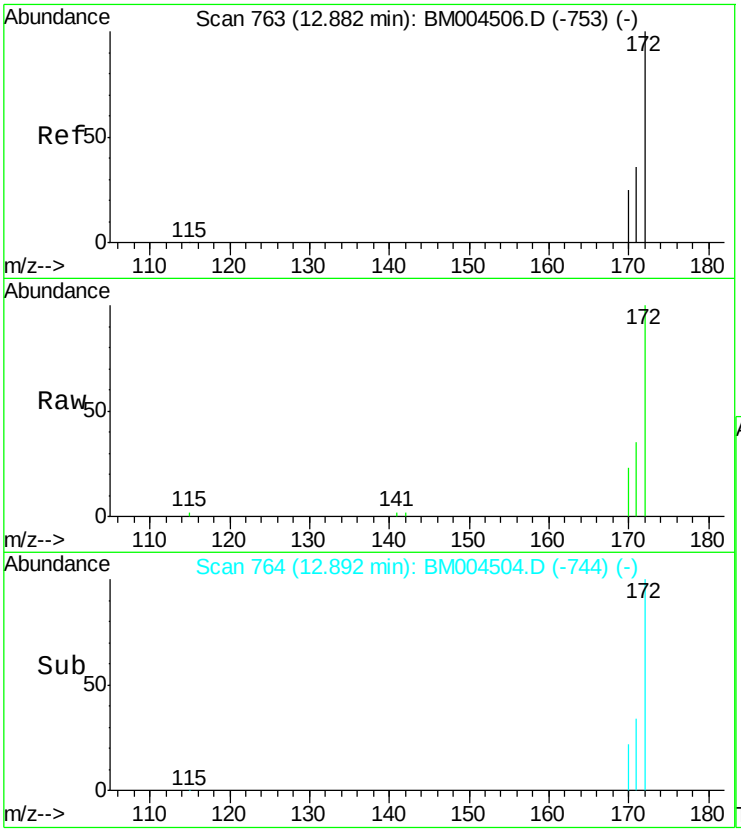


#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.79 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:330 Resp: 522

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	0.0	0.0	0.0



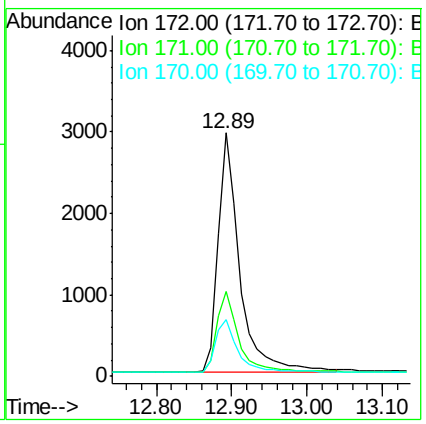


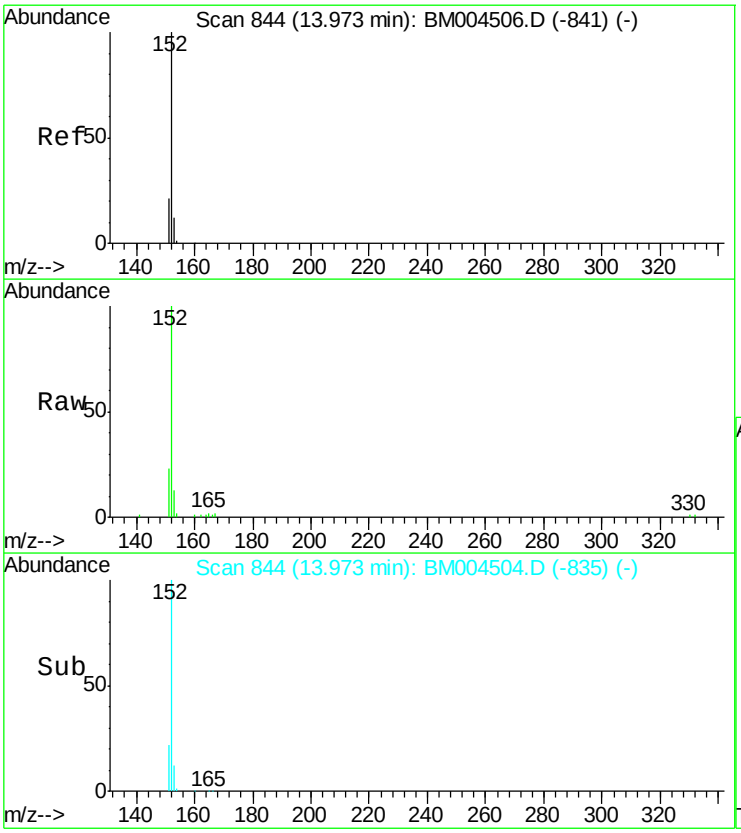
#15
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 6009

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.5	44.3
170	23.5	20.2	30.2

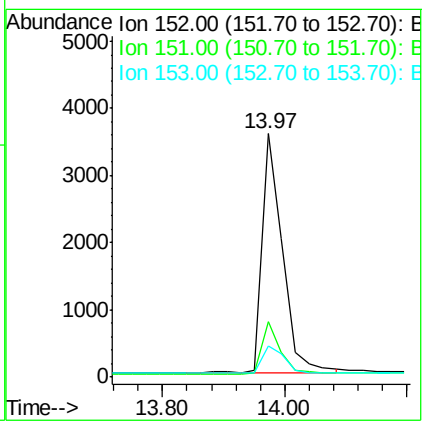


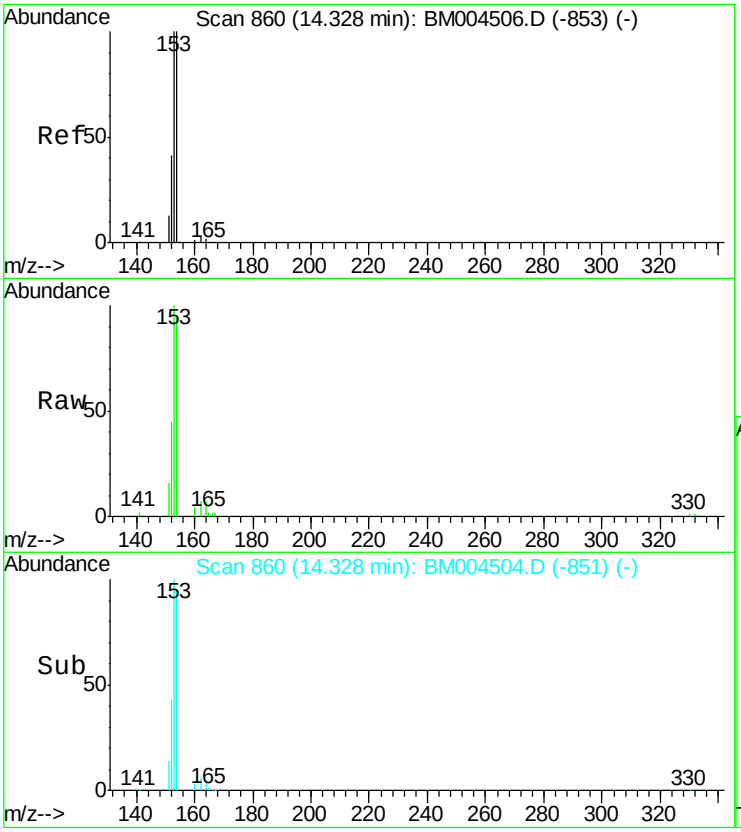


#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:152 Resp: 8335

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.7	10.2	15.4



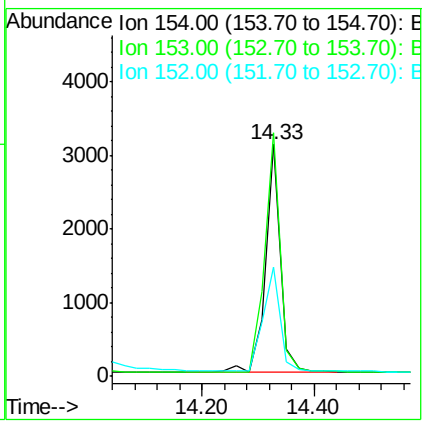


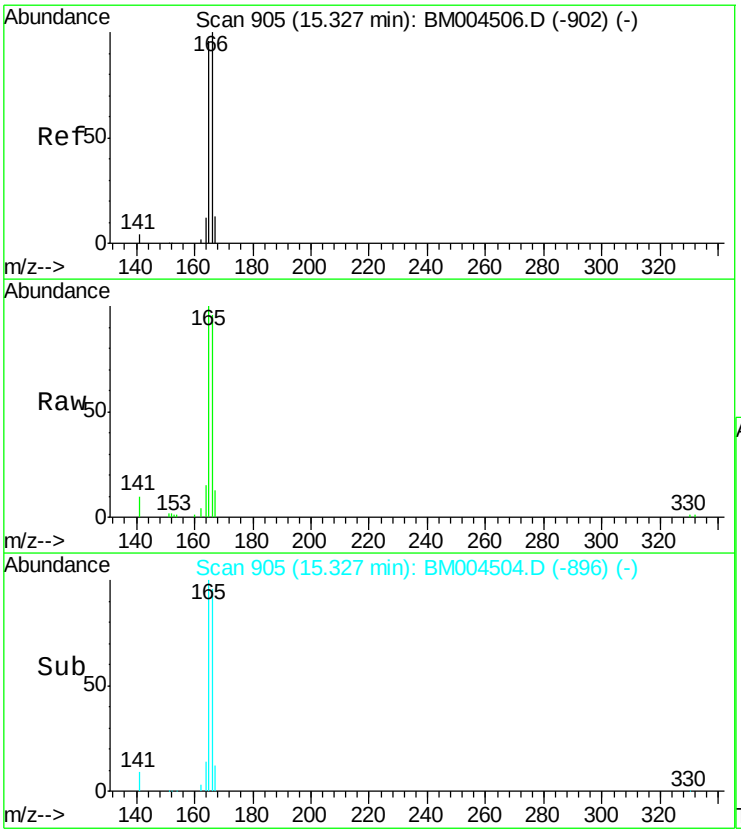
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:154 Resp: 5822

Ion	Ratio	Lower	Upper
154	100		
153	109.0	88.7	133.1
152	51.1	41.8	62.8

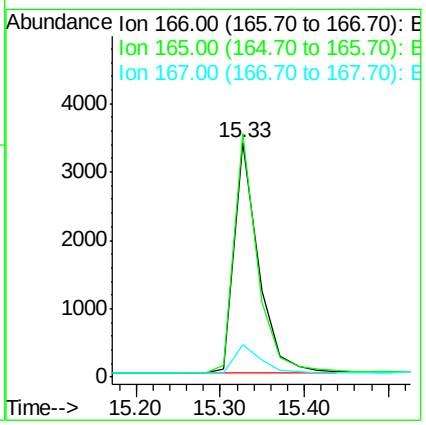


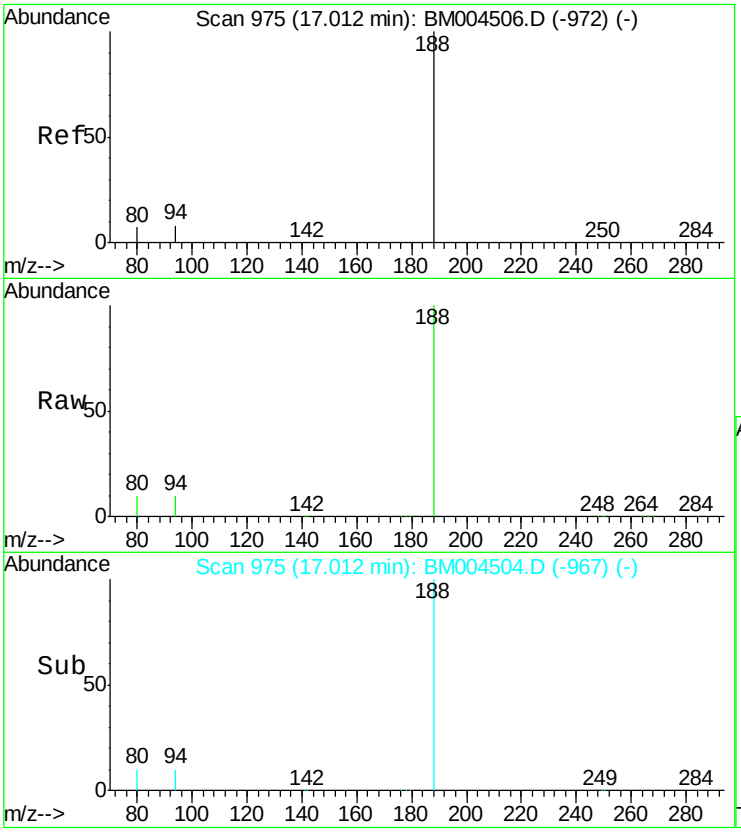


#18
Fluorene
Concen: 0.37 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:166 Resp: 6801

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	13.3	10.8	16.2



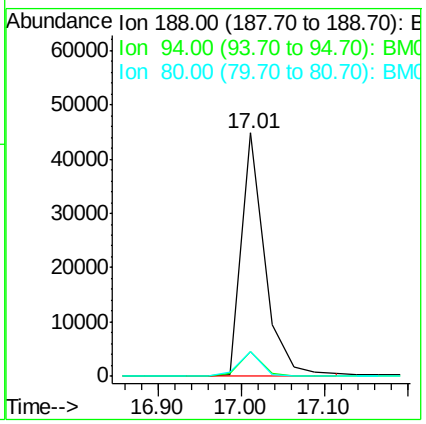


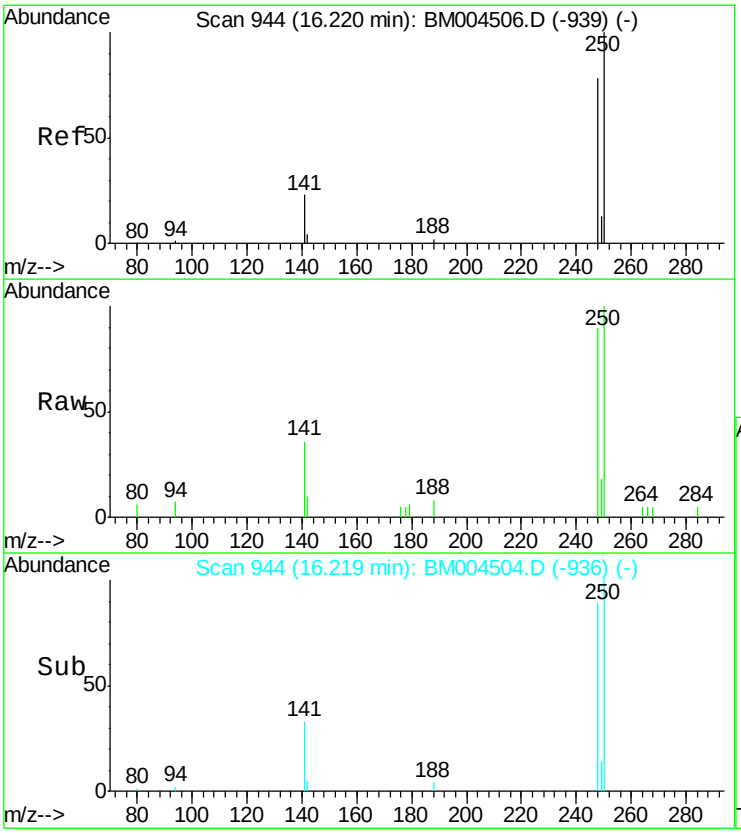
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 87752

Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.3	9.5#
80	10.0	5.9	8.9#

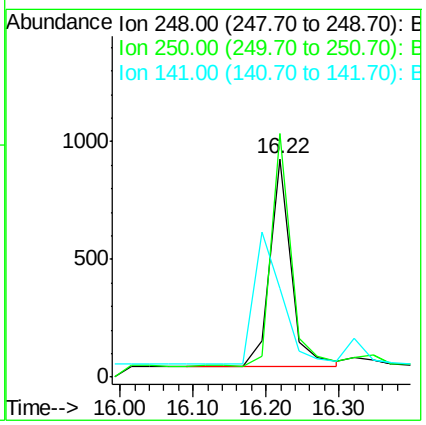


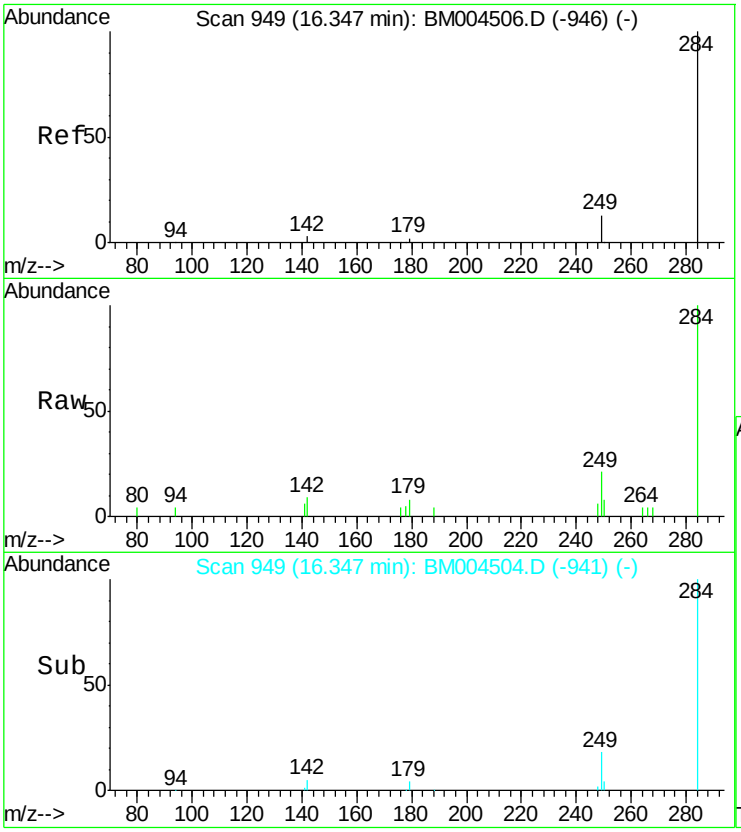


#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.22 min Scan# 944
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:248 Resp: 1747

Ion	Ratio	Lower	Upper
248	100		
250	105.8	85.8	128.8
141	0.0	0.0	0.0



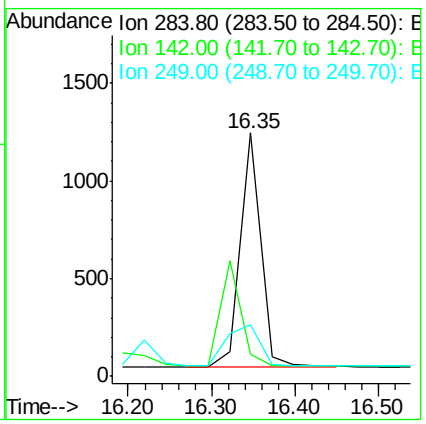


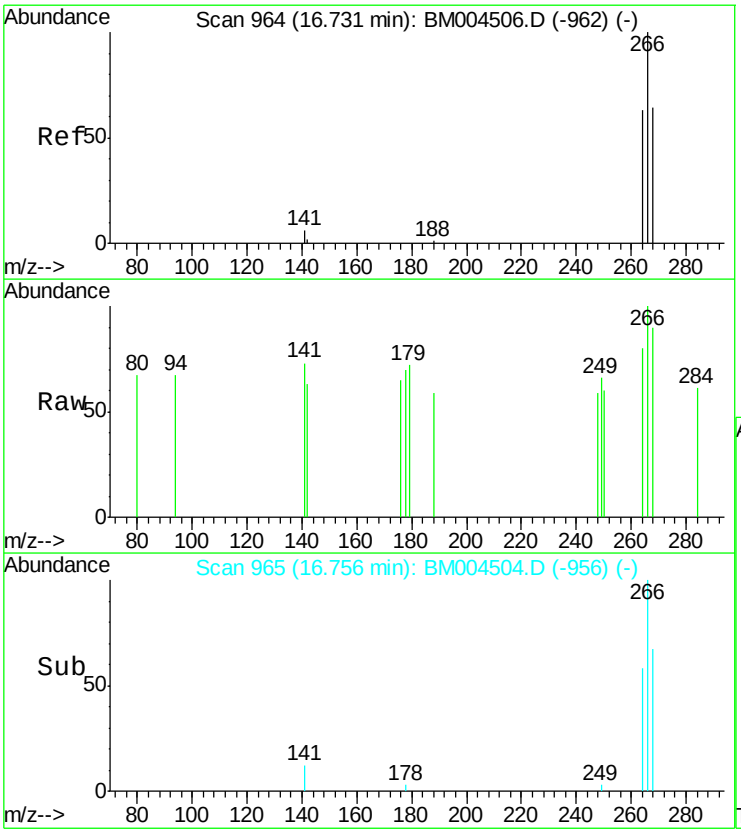
#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.35 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:284 Resp: 2075

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	28.8	0.0	0.0#

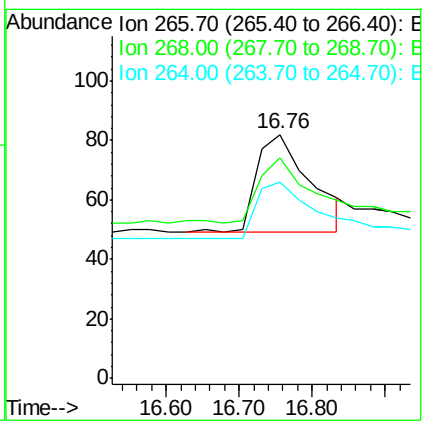


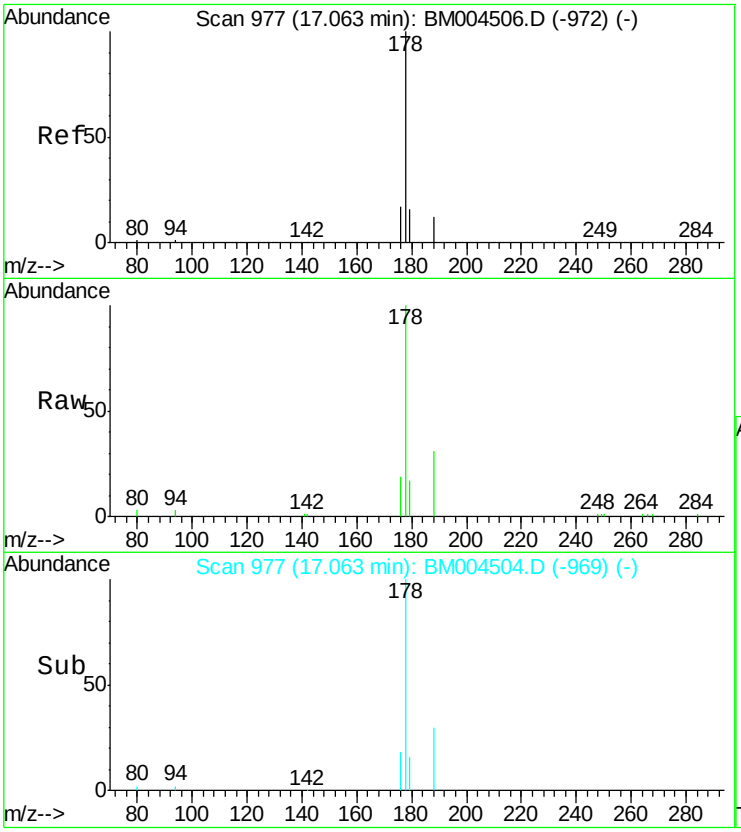


#22
Pentachlorophenol
Concen: 0.13 ng
RT: 16.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:266 Resp: 170

Ion	Ratio	Lower	Upper
266	100		
268	90.2	63.0	94.6
264	80.5	59.6	89.4



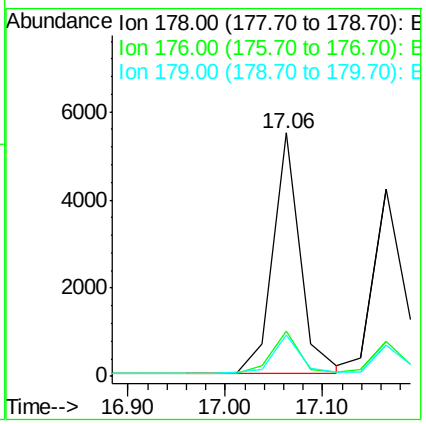


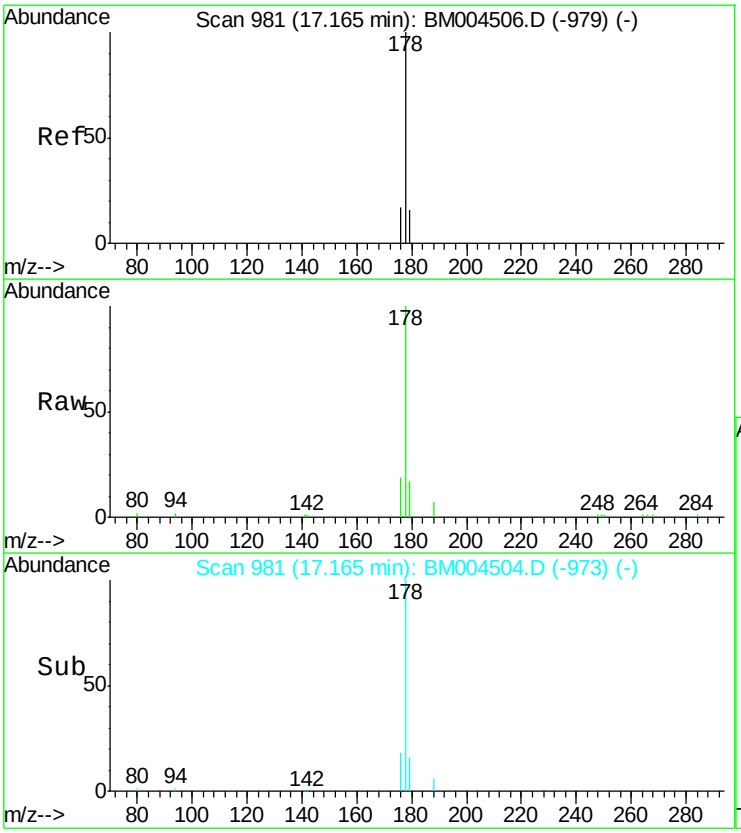
#23
Phenanthrene
Concen: 0.36 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 10779

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	16.2	12.8	19.2

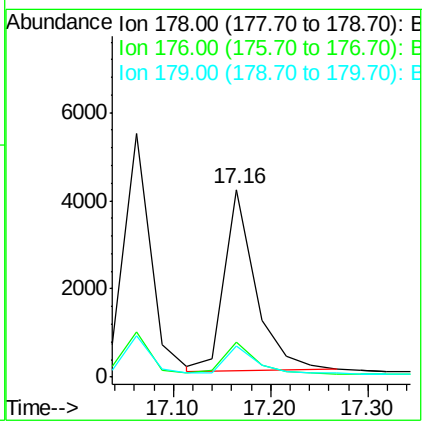


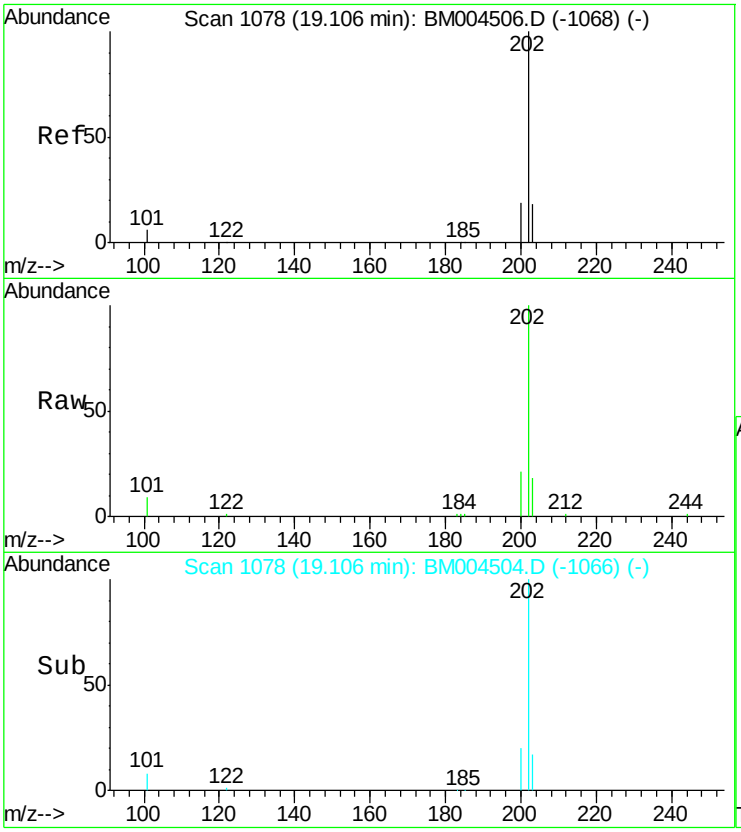


#24
Anthracene
Concen: 0.36 ng
RT: 17.16 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:178 Resp: 9117

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.0	12.2	18.4



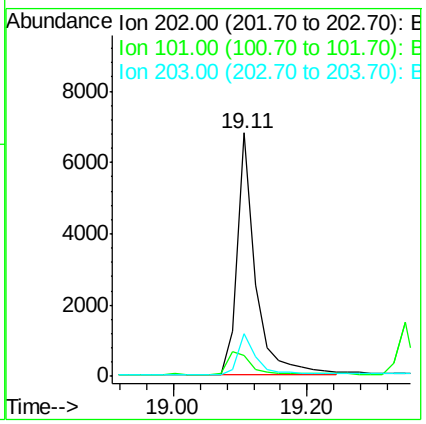


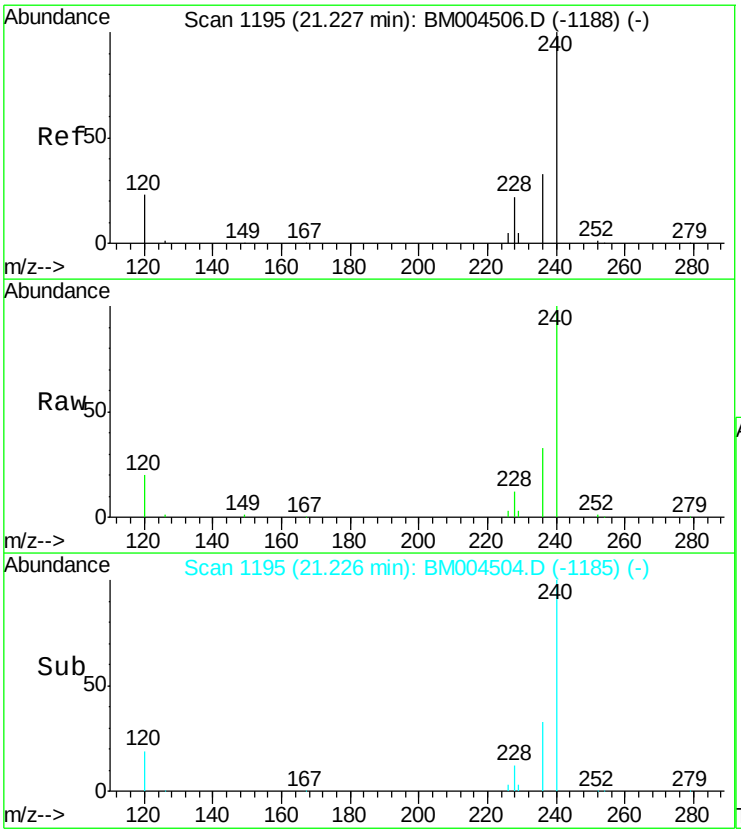
#25
Fluoranthene
Concen: 0.40 ng
RT: 19.11 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 12786

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
203	17.4	13.8	20.8

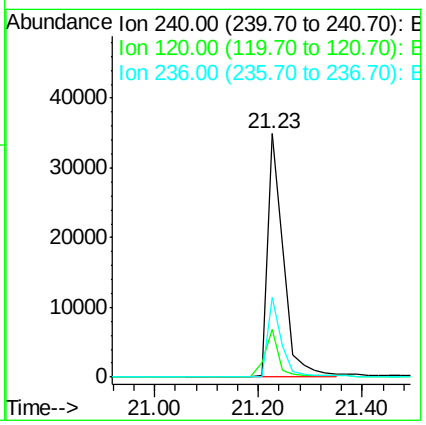


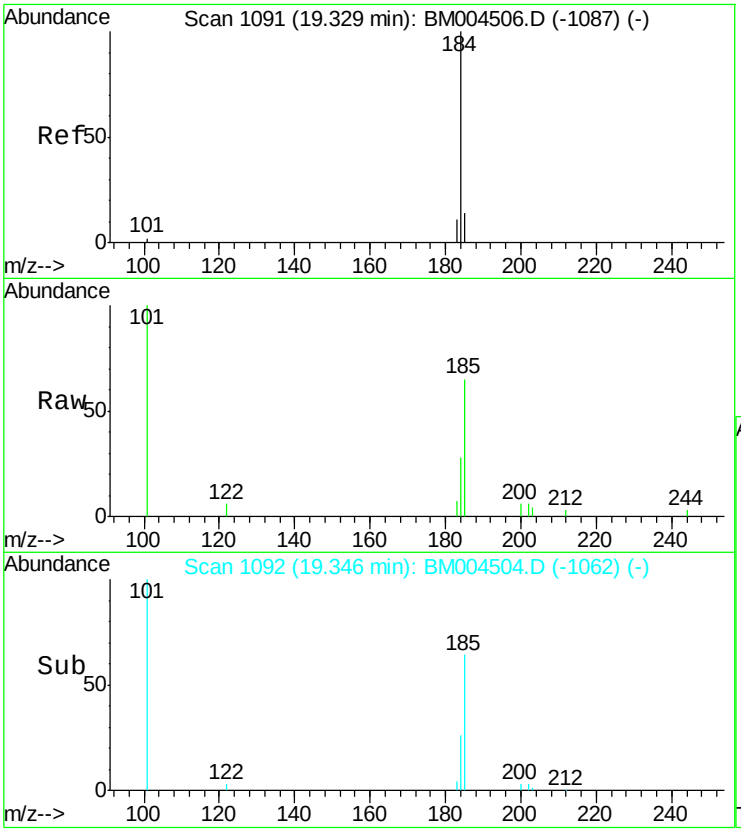


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:240 Resp: 74721

Ion	Ratio	Lower	Upper
240	100		
120	19.6	18.9	28.3
236	32.6	26.4	39.6



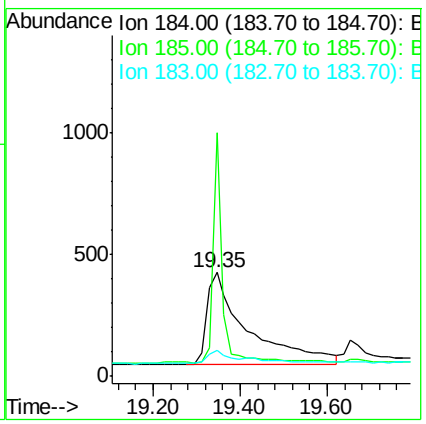


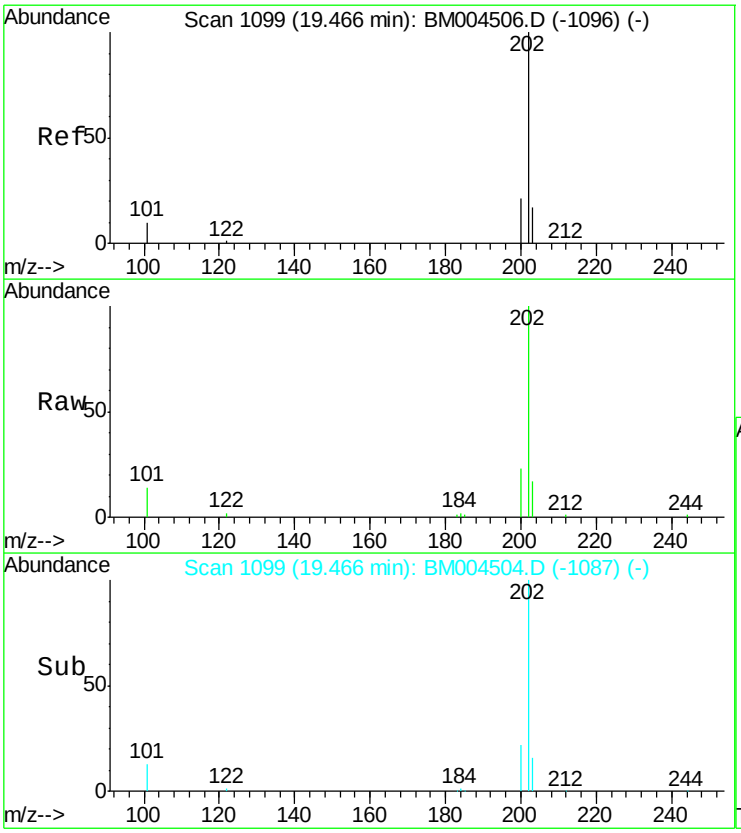
#27
Benzidine
Concen: 0.31 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.02 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:184 Resp: 2442

Ion	Ratio	Lower	Upper
184	100		
185	234.0	15.0	22.4#
183	24.6	12.6	19.0#

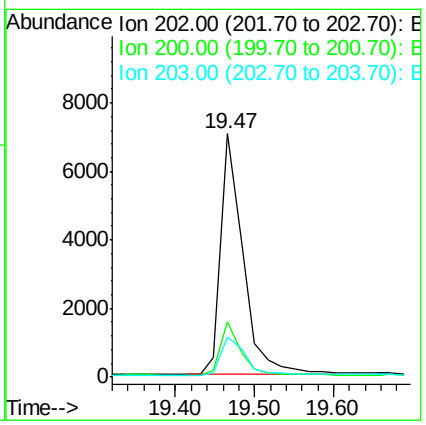


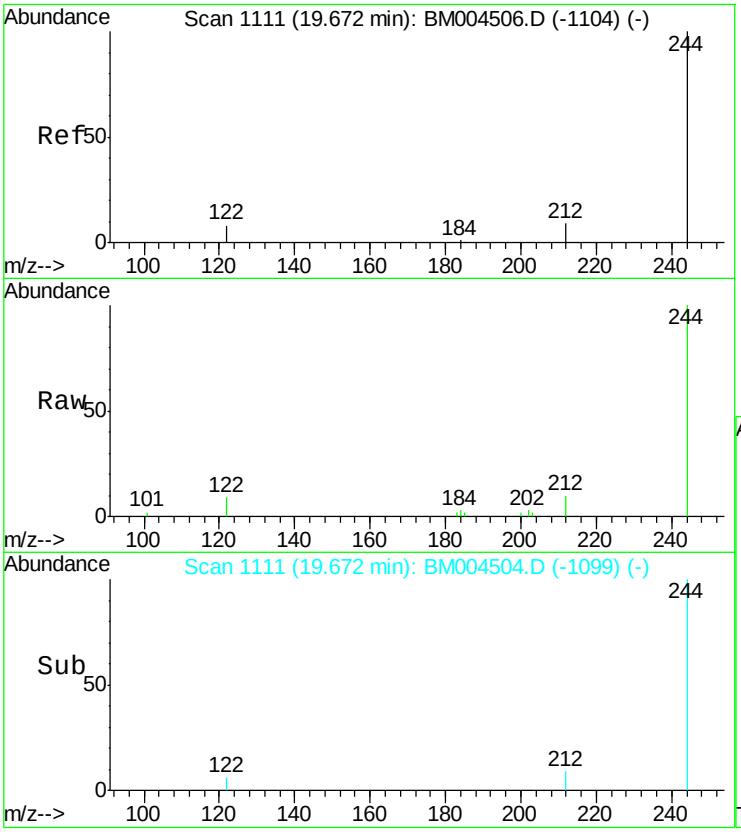


#28
Pyrene
Concen: 0.46 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:202 Resp: 13688

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.2	13.7	20.5



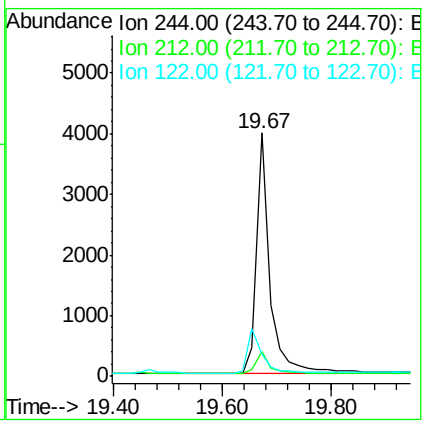


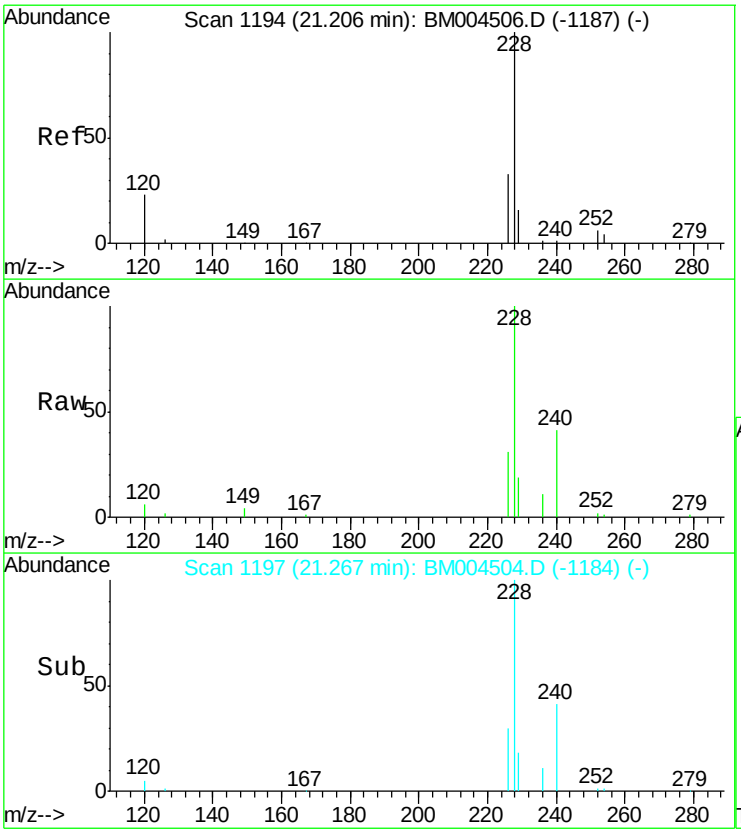
#29
Terphenyl-d14
Concen: 0.67 ng
RT: 19.67 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 6672

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.8	11.6
122	9.1	7.0	10.4

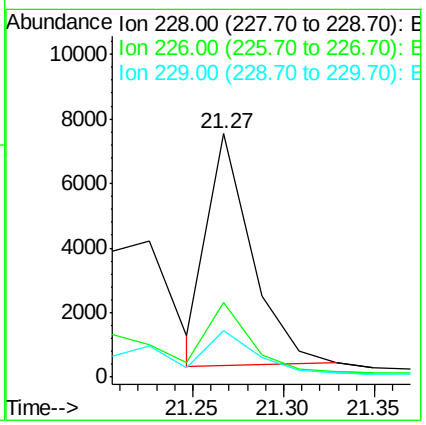


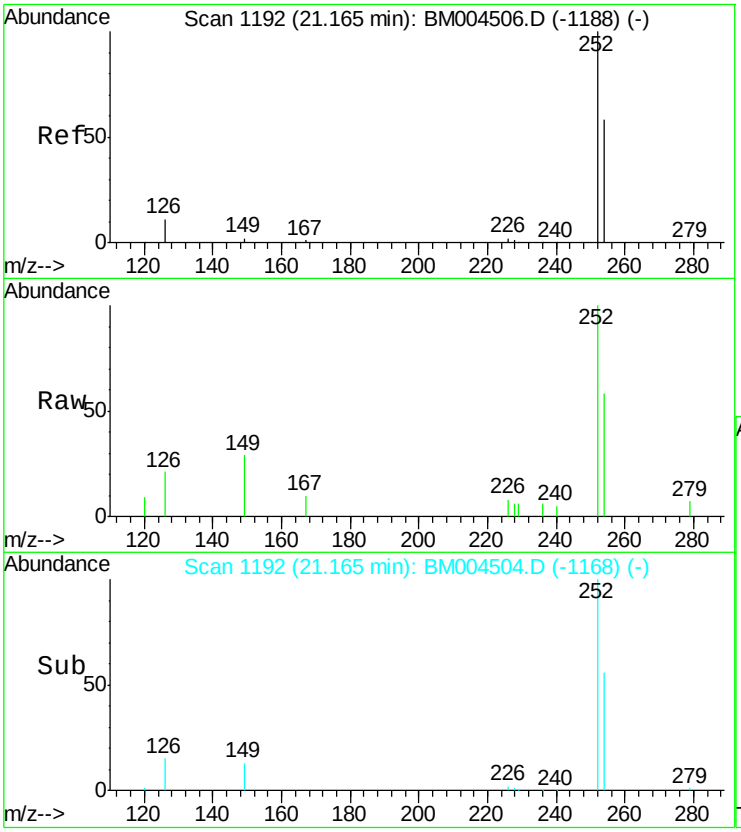


#30
Benzo(a)anthracene
Concen: 0.44 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.06 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:228 Resp: 12006

Ion	Ratio	Lower	Upper
228	100		
226	30.8	27.0	40.4
229	19.1	13.1	19.7



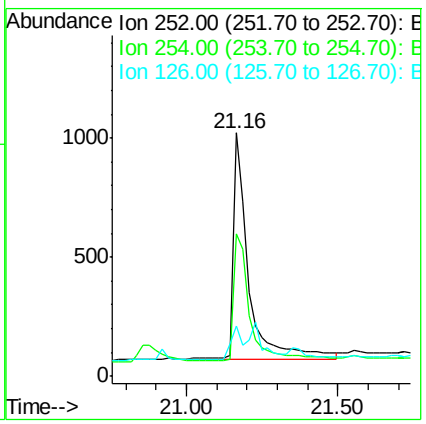


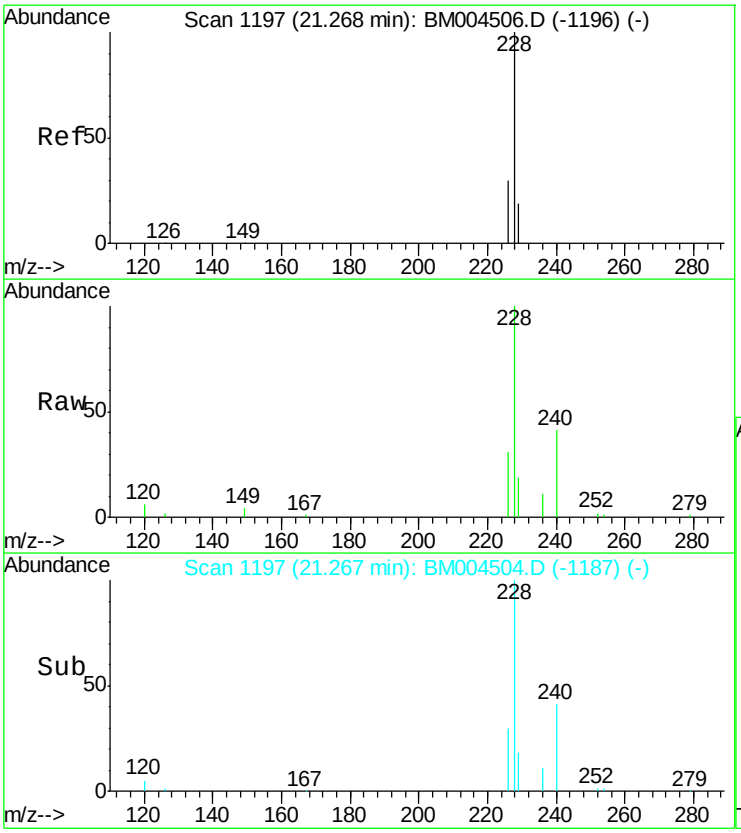
#31
3,3'-Dichlorobenzidine
Concen: 0.20 ng
RT: 21.16 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 3228

Ion	Ratio	Lower	Upper
252	100		
254	58.4	47.4	71.0
126	20.5	11.0	16.6#

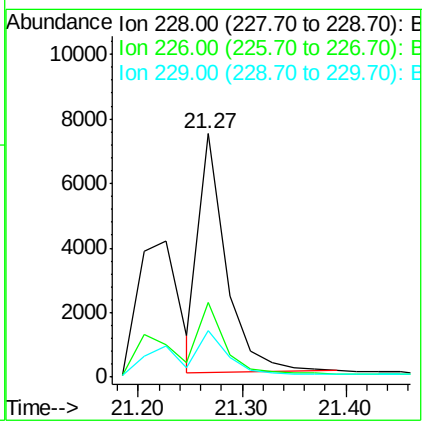


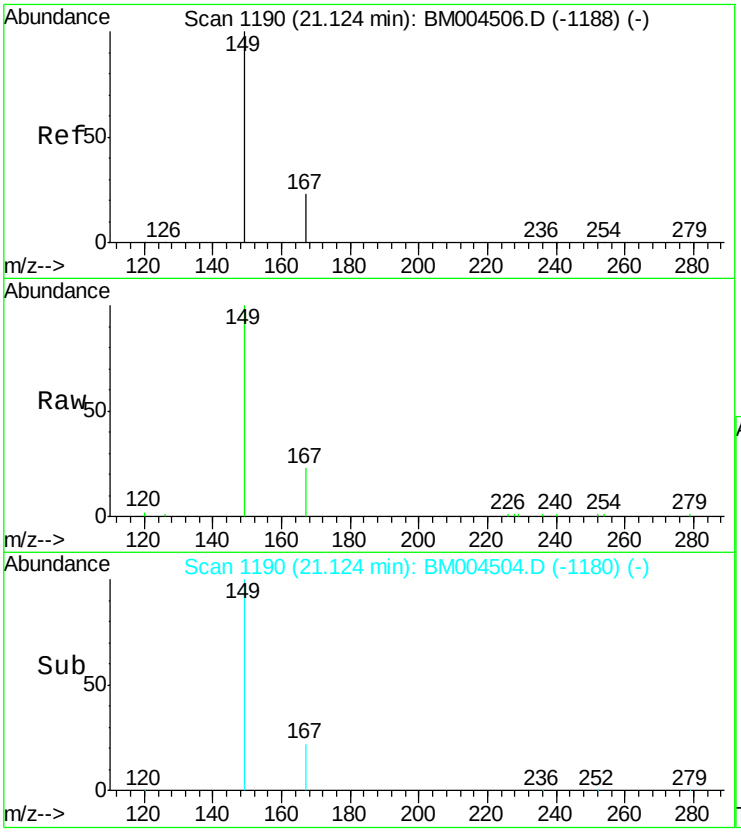


#32
Chrysene
Concen: 0.24 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:228 Resp: 13416

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.1	15.2	22.8



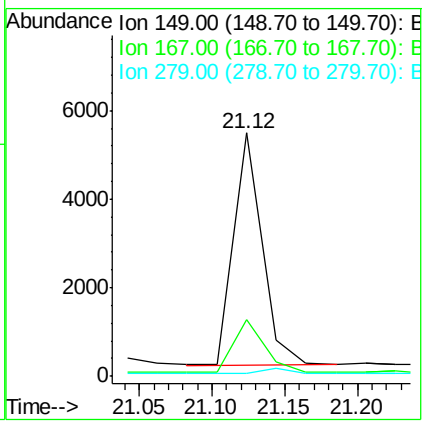


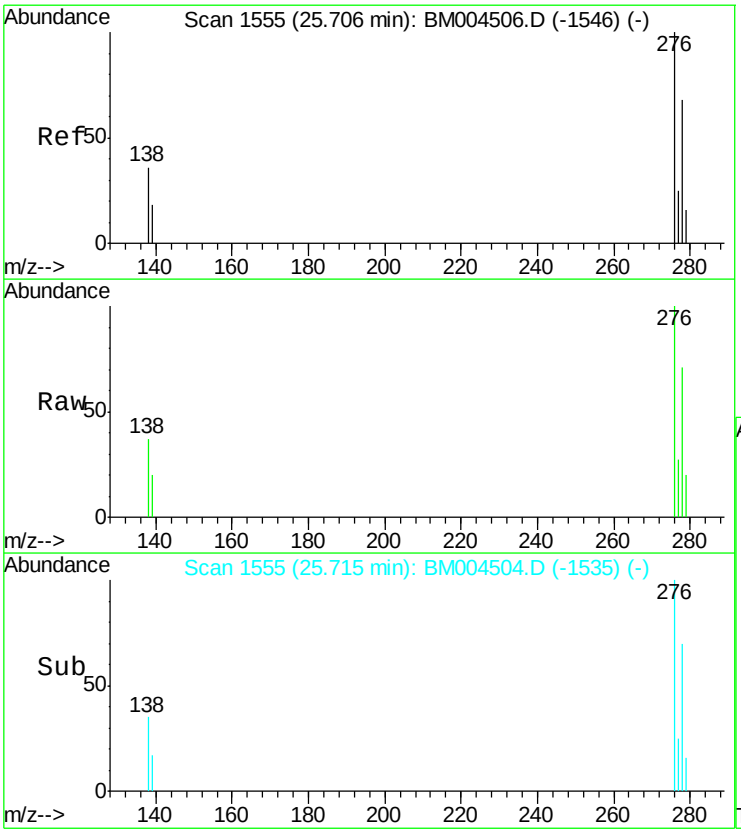
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.36 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:149 Resp: 7236

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.2	30.4
279	0.0	0.0	0.0

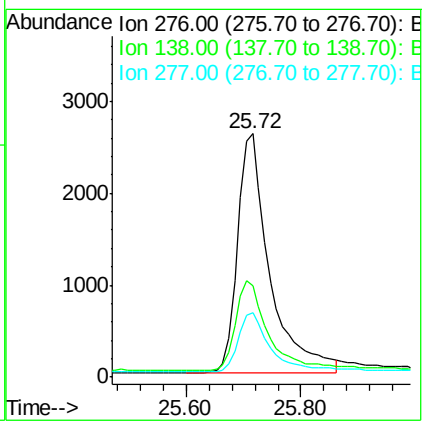


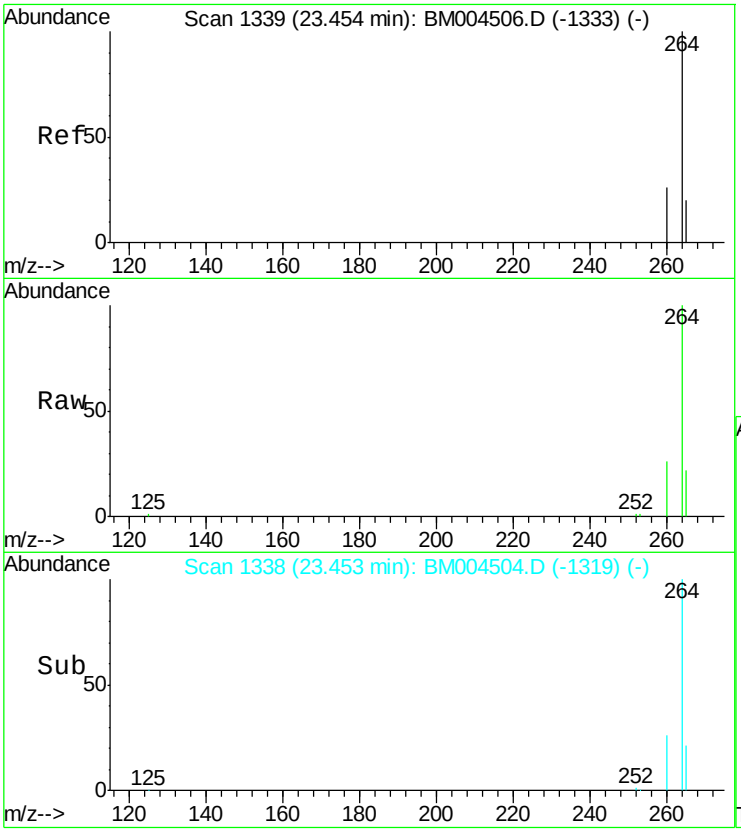


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.72 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:276 Resp: 10130

Ion	Ratio	Lower	Upper
276	100		
138	38.7	31.0	46.4
277	24.8	19.9	29.9



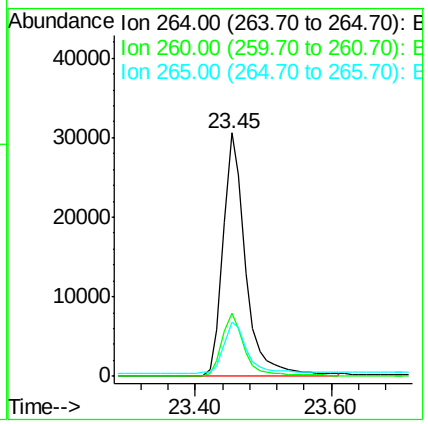


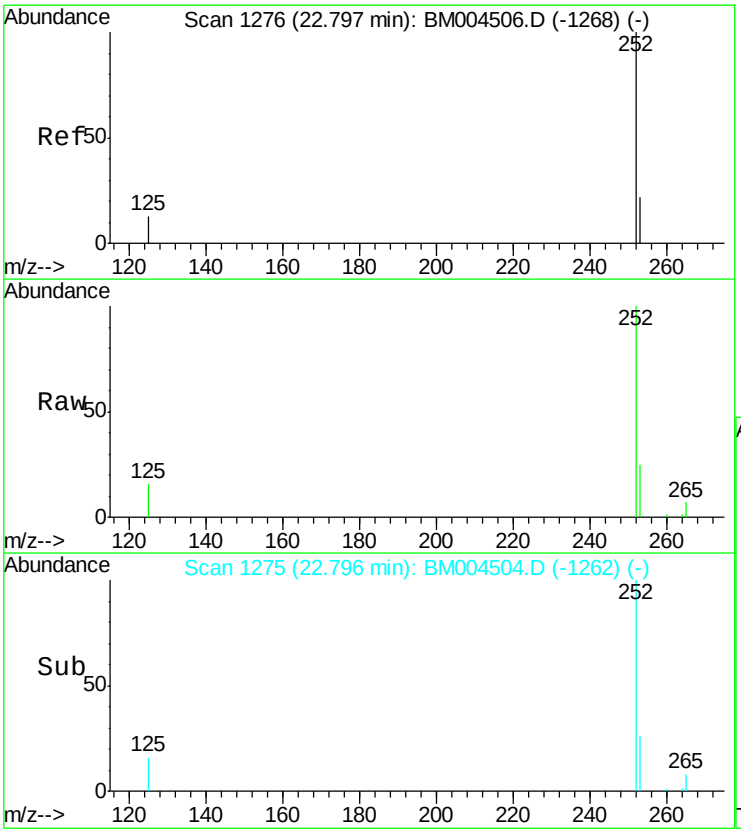
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 69939

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	22.2	17.4	26.0

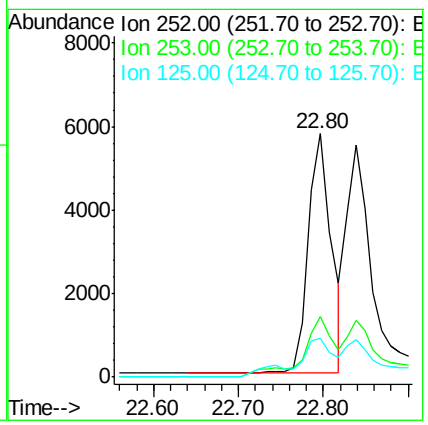


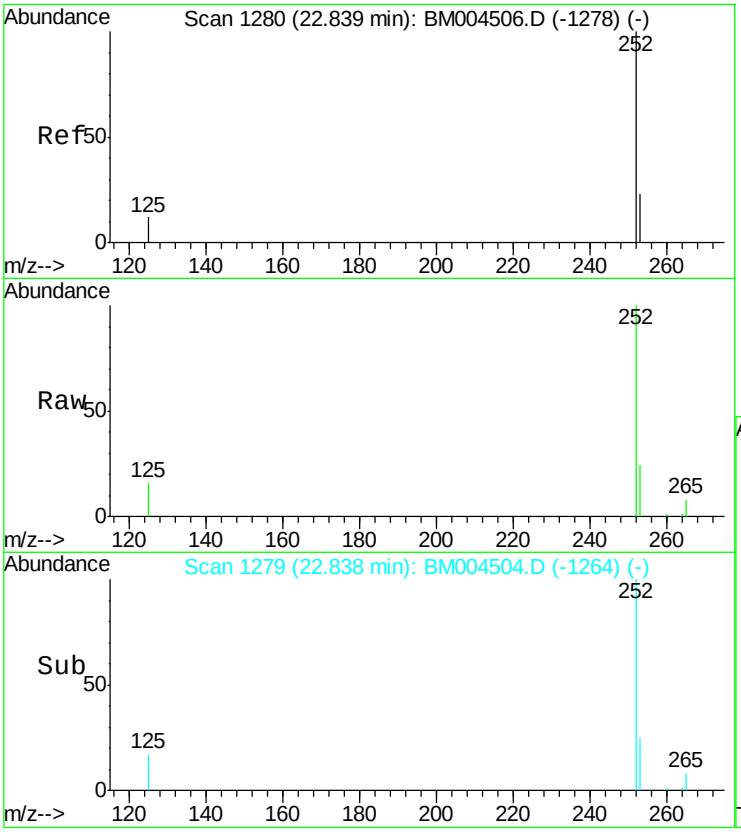


#36
Benzo(b)fluoranthene
Concen: 0.52 ng
RT: 22.80 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:252 Resp: 13735

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.4
125	16.0	11.7	17.5



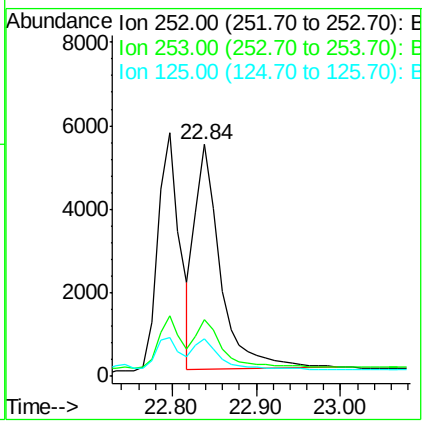


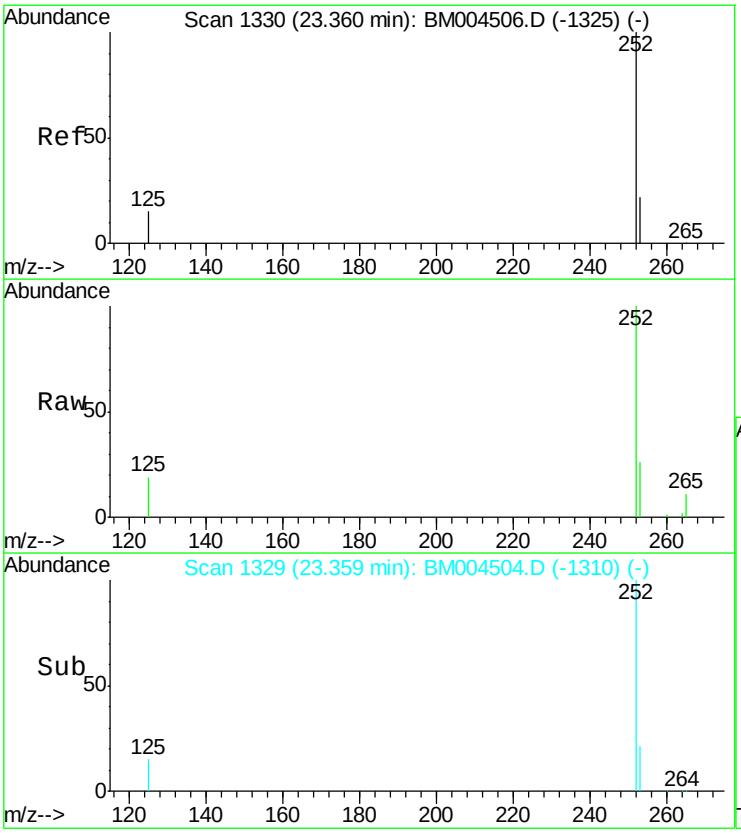
#37
Benzo(k)fluoranthene
Concen: 0.43 ng
RT: 22.84 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 11207

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.9	28.3
125	16.3	11.9	17.9

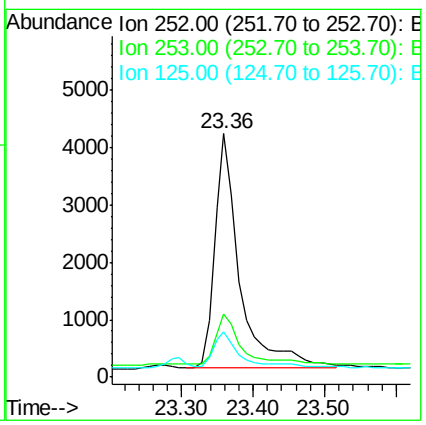


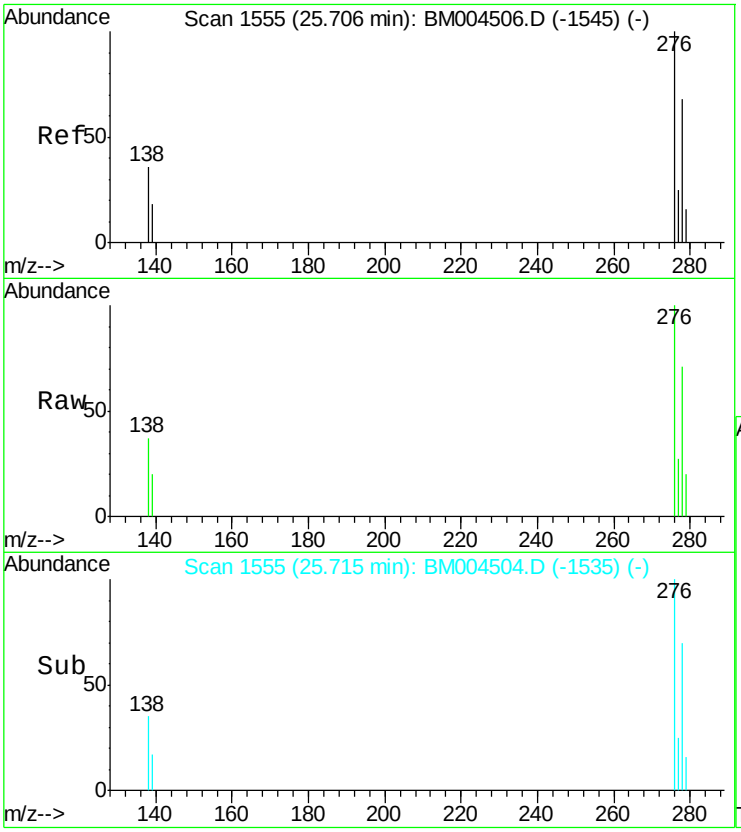


#38
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:252 Resp: 10032

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.0	28.6
125	18.7	13.7	20.5



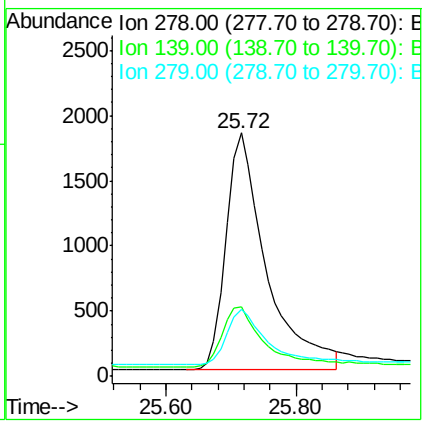


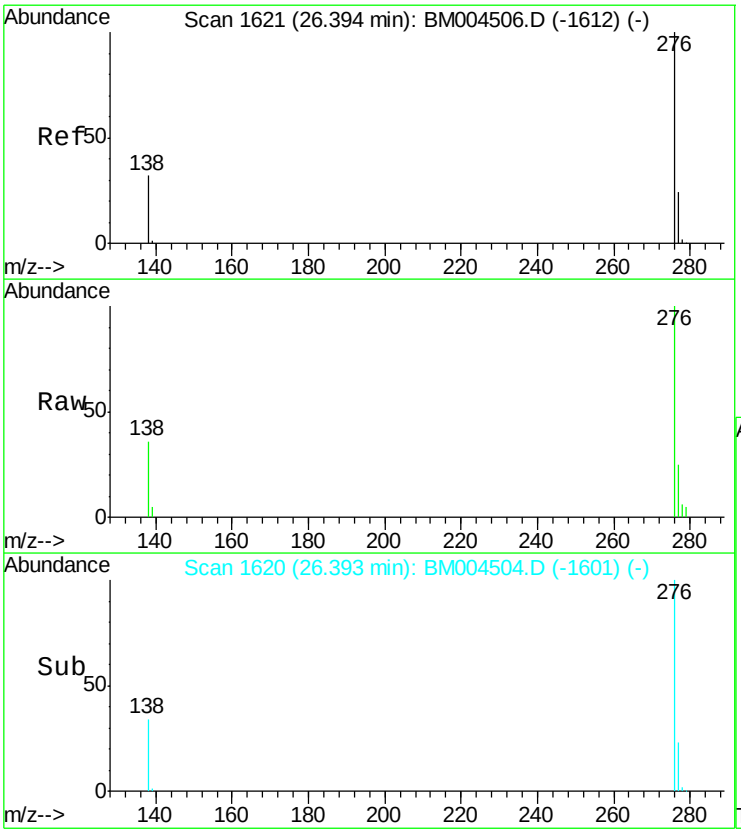
#39
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.72 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 7779

Ion	Ratio	Lower	Upper
278	100		
139	28.4	22.6	33.8
279	27.7	20.1	30.1





#40
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 26.39 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BM004504.D
Acq: 02 Mar 2016 04:21

Tgt Ion:276 Resp: 9059

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	36.3	26.6	40.0