Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
Data File : BM004503.D
Acq On : 01 Mar 2016 22:18
Operator : SJ/UM
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC0.2

Quant Time: Mar 02 02:28:20 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 02:23:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	21876	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	86328	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	45794	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	108106	5.00	ng		0.00
26) Chrysene-d12	21.23	240	86914	5.00	ng		0.00
35) Perylene-d12	23.45	264	82795	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	1164	0.23	ng		0.02
5) Phenol-d6	6.85	99	1237	0.22	ng		0.03
8) Nitrobenzene-d5	8.81	82	937	0.22	ng		0.02
14) 2,4,6-Tribromophenol	15.79	330	388	0.23	ng		0.00
15) 2-Fluorobiphenyl	12.89	172	3642	0.26	ng		0.01
29) Terphenyl-d14	19.67	244	6115	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	665	0.27	ng	#	85
3) n-Nitrosodimethylamine	3.44	42	392	0.18	ng		95
6) bis(2-Chloroethyl)ether	7.05	93	1201	0.20	ng		100
9) Nitrobenzene	8.85	77	1010	0.18	ng		98
10) Naphthalene	10.44	128	5297	0.20	ng	#	96
11) Hexachlorobutadiene	10.72	225	895	0.23	ng		99
12) 2-Methylnaphthalene	12.09	142	3172	0.22	ng		95
16) Acenaphthylene	13.97	152	5272	0.21	ng		100
17) Acenaphthene	14.33	154	3713	0.22	ng		97
18) Fluorene	15.33	166	4501	0.22	ng		98
20) 4-Bromophenyl-phenylether	16.22	248	1121	0.19	ng	#	97
21) Hexachlorobenzene	16.35	284	1420	0.22	ng	#	100
22) Pentachlorophenol	16.73	266	178	0.11	ng		90
23) Phenanthrene	17.06	178	7528	0.20	ng		98
24) Anthracene	17.16	178	6313	0.20	ng		94
25) Fluoranthene	19.11	202	10694	0.27	ng		100
27) Benzidine	19.35	184	1156	0.13	ng	#	1
28) Pyrene	19.47	202	11007	0.32	ng		100
30) Benzo(a)anthracene	21.27	228	9732	0.31	ng		98
31) 3,3'-Dichlorobenzidine	21.16	252	2241	0.12	ng	#	89
32) Chrysene	21.27	228	11025	0.17	ng		98
33) Bis(2-ethylhexyl)phthalate	21.12	149	6074	0.26	ng	#	97
34) Indeno(1,2,3-cd)pyrene	25.72	276	6811	0.23	ng		100
36) Benzo(b)fluoranthene	22.80	252	9556	0.31	ng		94
37) Benzo(k)fluoranthene	22.84	252	8528	0.27	ng		96
38) Benzo(a)pyrene	23.36	252	6604	0.23	ng	#	93
39) Dibenzo(a,h)anthracene	25.72	278	5284	0.21	ng	#	90
40) Benzo(g,h,i)perylene	26.40	276	6092	0.22	ng		97

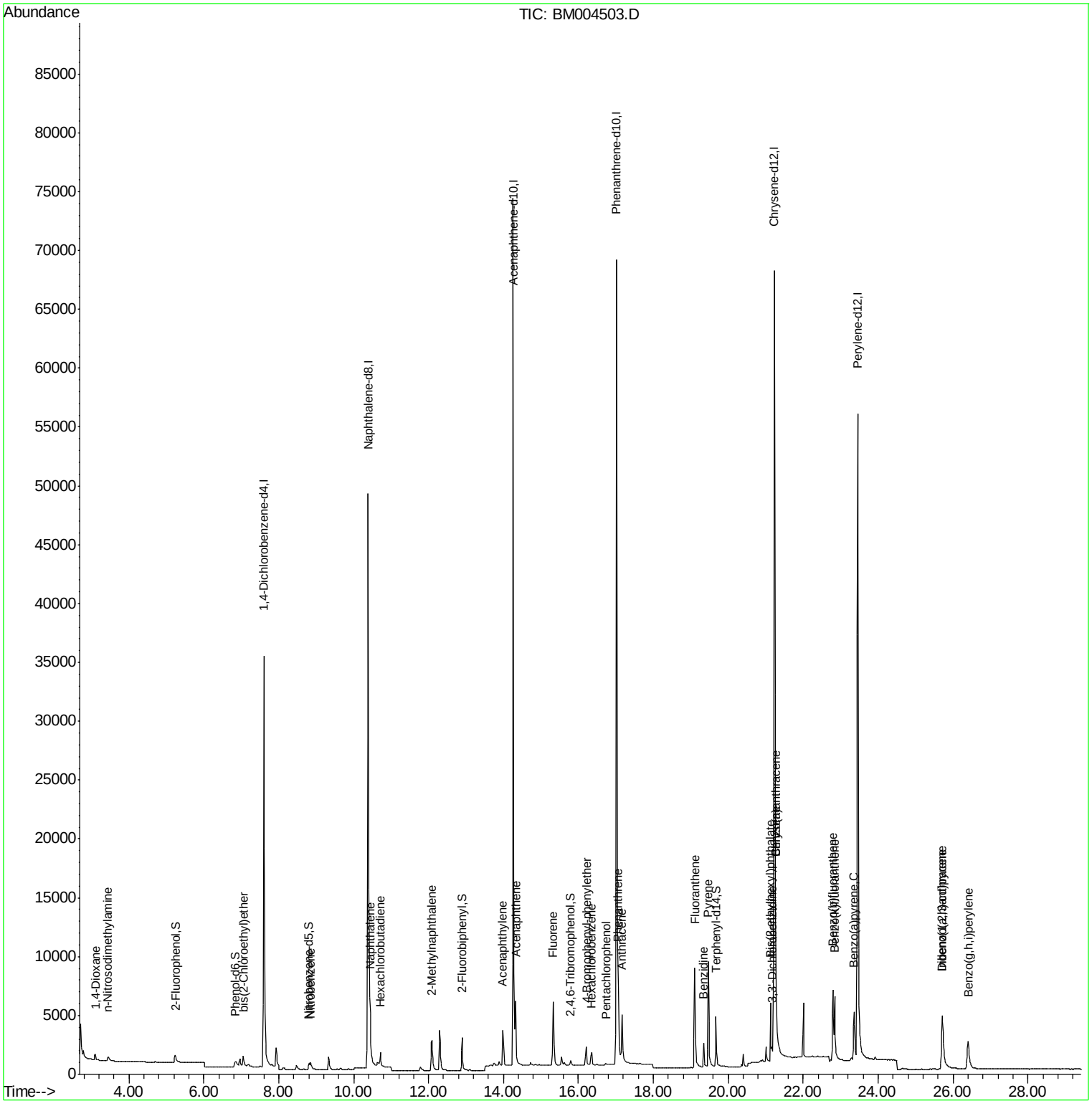
(#) = qualifier out of range (m) = manual integration (+) = signals summed

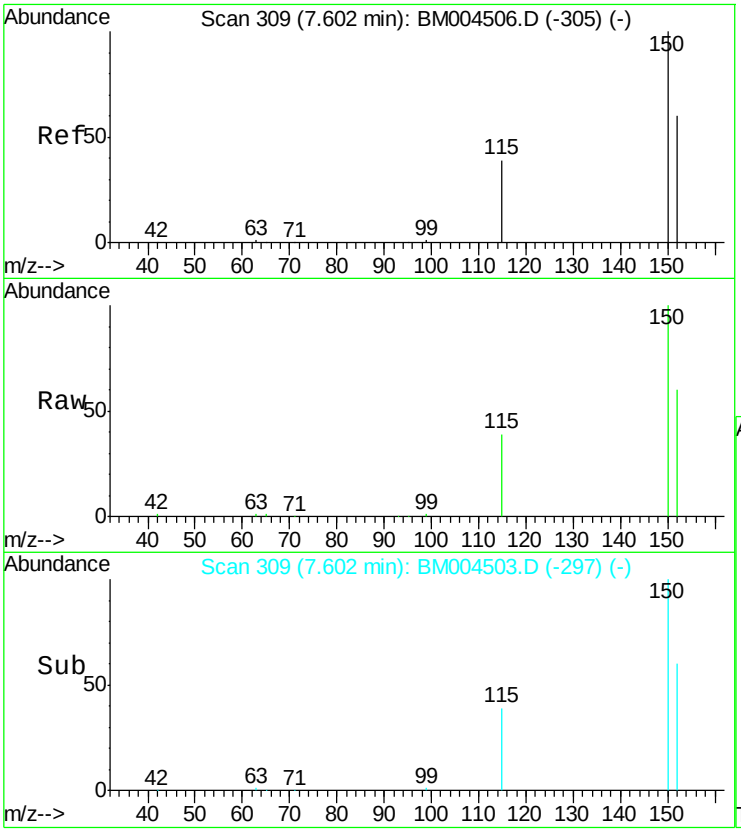
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
Data File : BM004503.D
Acq On : 01 Mar 2016 22:18
Operator : SJ/UM
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 02 02:28:20 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 02:23:16 2016
Response via : Initial Calibration



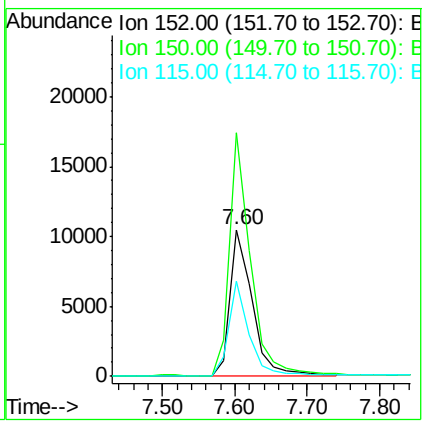


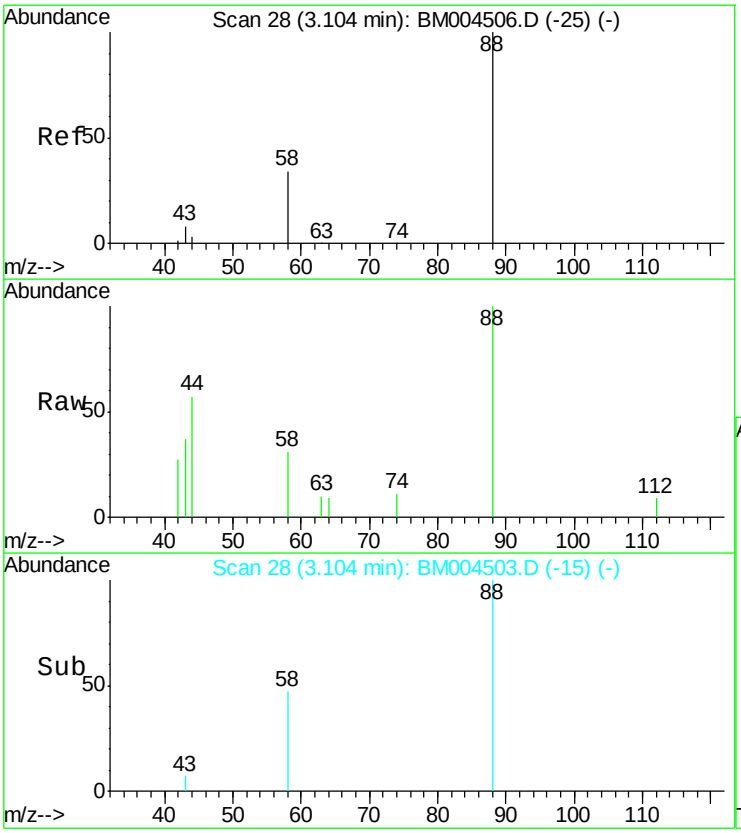
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 21876

Ion	Ratio	Lower	Upper
152	100		
150	165.8	132.4	198.6
115	64.7	51.4	77.2

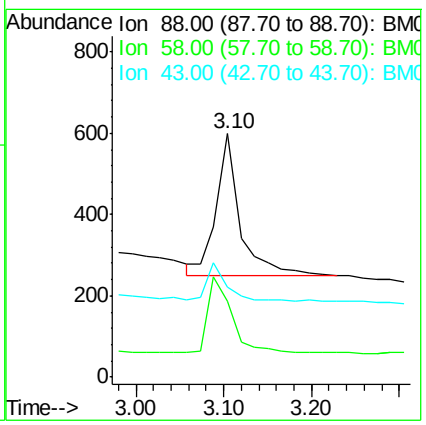


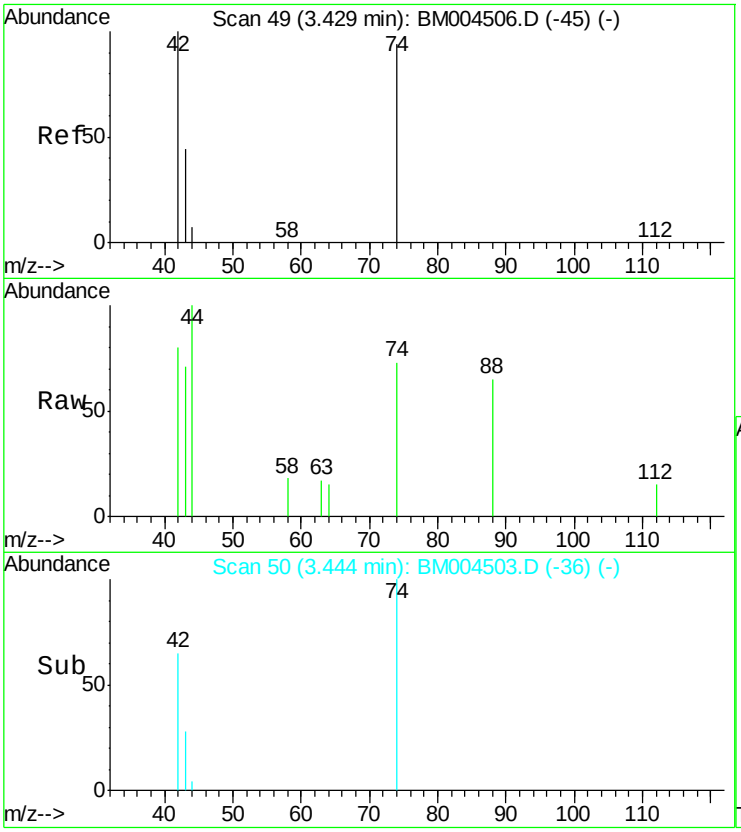


#2
1,4-Dioxane
Concen: 0.27 ng
RT: 3.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion: 88 Resp: 665

Ion	Ratio	Lower	Upper
88	100		
58	52.5	53.1	79.7#
43	22.6	21.6	32.4



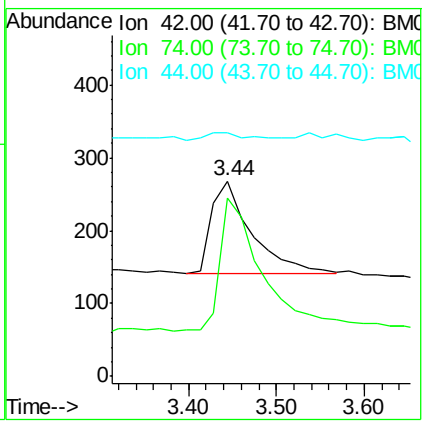


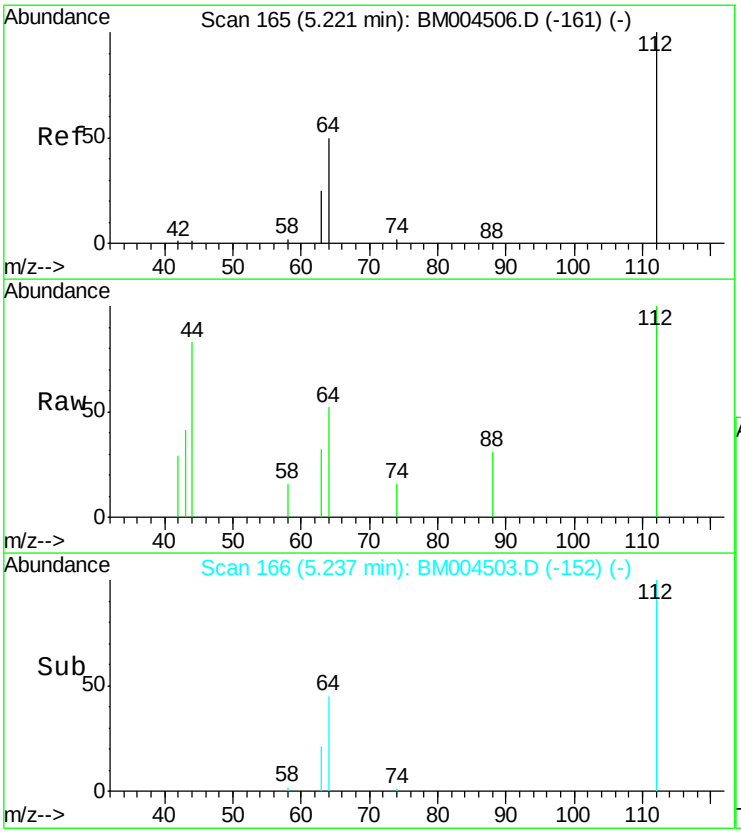
#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.44 min Scan# 50
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 392

Ion	Ratio	Lower	Upper
42	100		
74	155.9	119.4	179.0
44	8.4	7.2	10.8

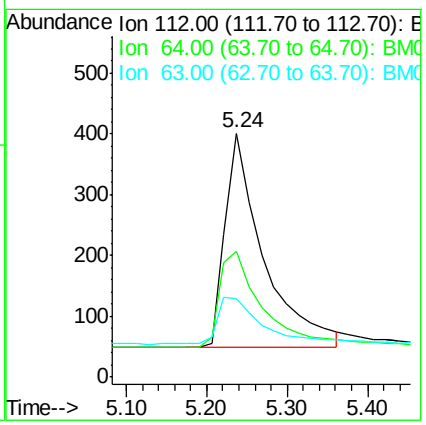


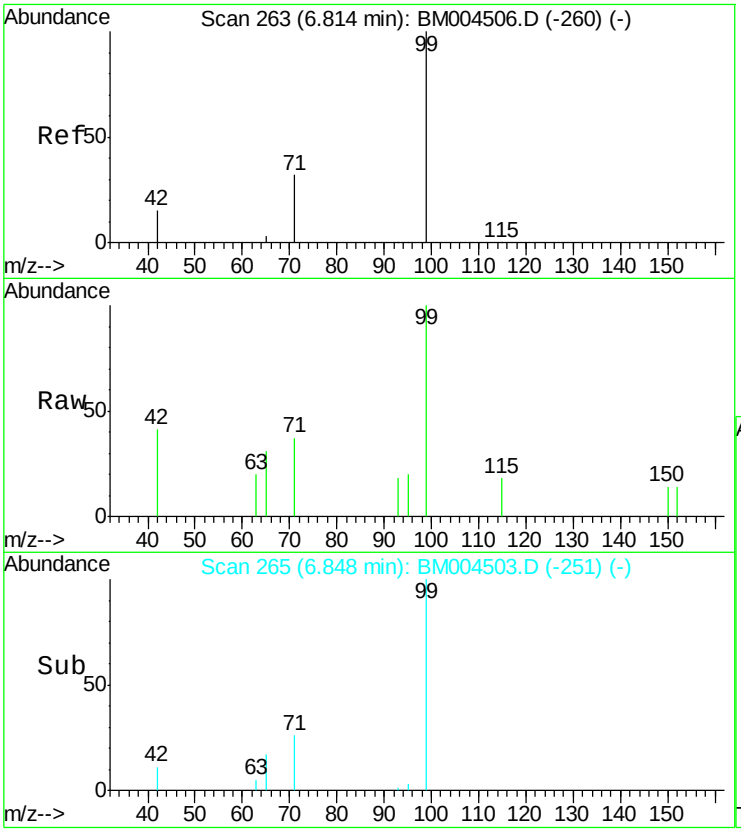


#4
2-Fluorophenol
Concen: 0.23 ng
RT: 5.24 min Scan# 166
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:112 Resp: 1164

Ion	Ratio	Lower	Upper
112	100		
64	48.8	36.5	54.7
63	25.9	18.6	28.0



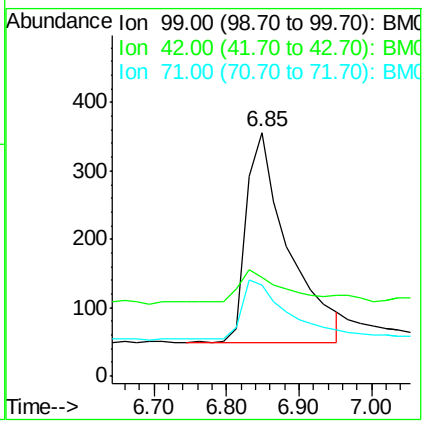


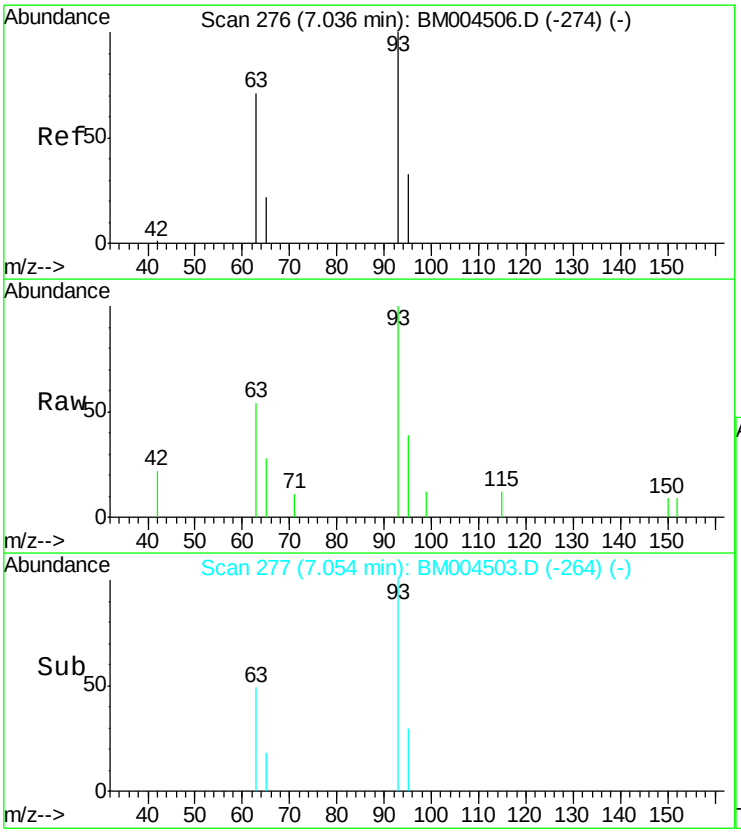
#5
Phenol-d6
Concen: 0.22 ng
RT: 6.85 min Scan# 265
Delta R.T. 0.03 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1237

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.8	19.2
71	31.4	23.5	35.3

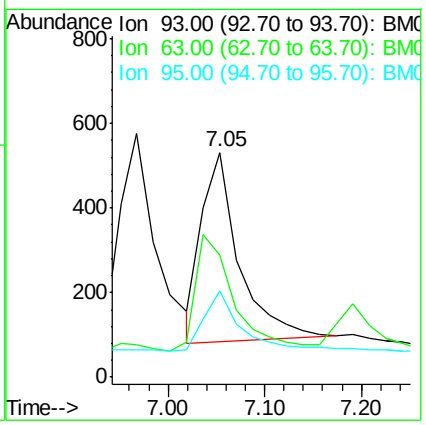


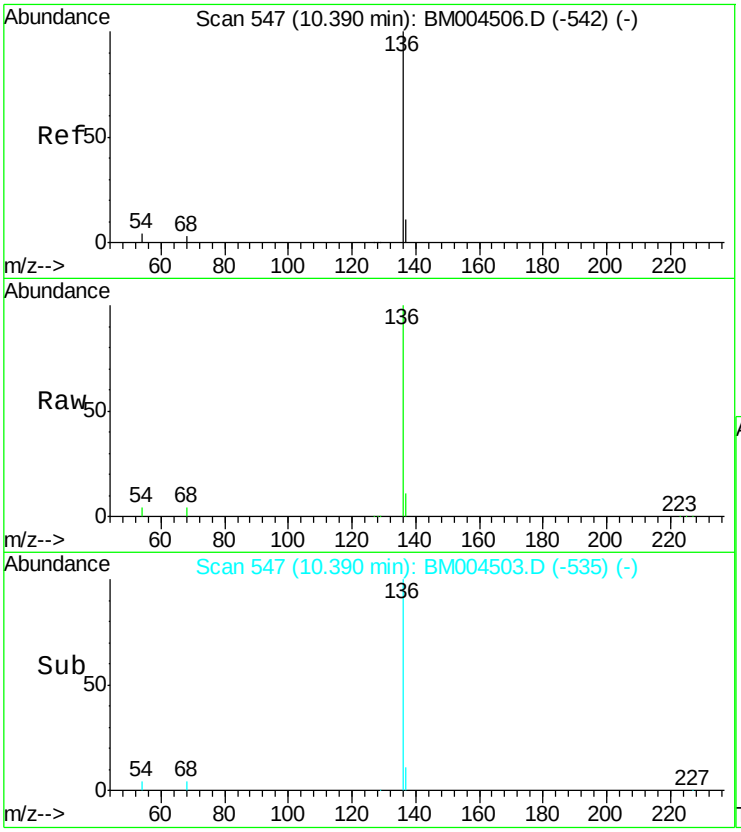


#6
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 7.05 min Scan# 277
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion: 93 Resp: 1201

Ion	Ratio	Lower	Upper
93	100		
63	62.4	50.0	75.0
95	31.1	25.3	37.9



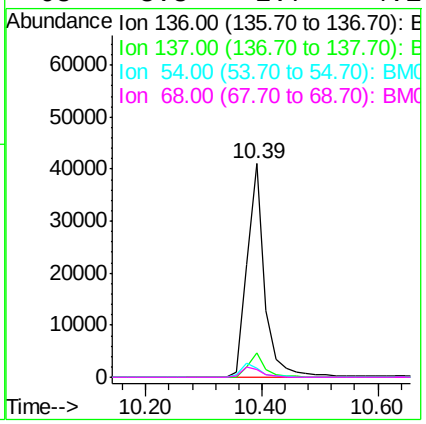


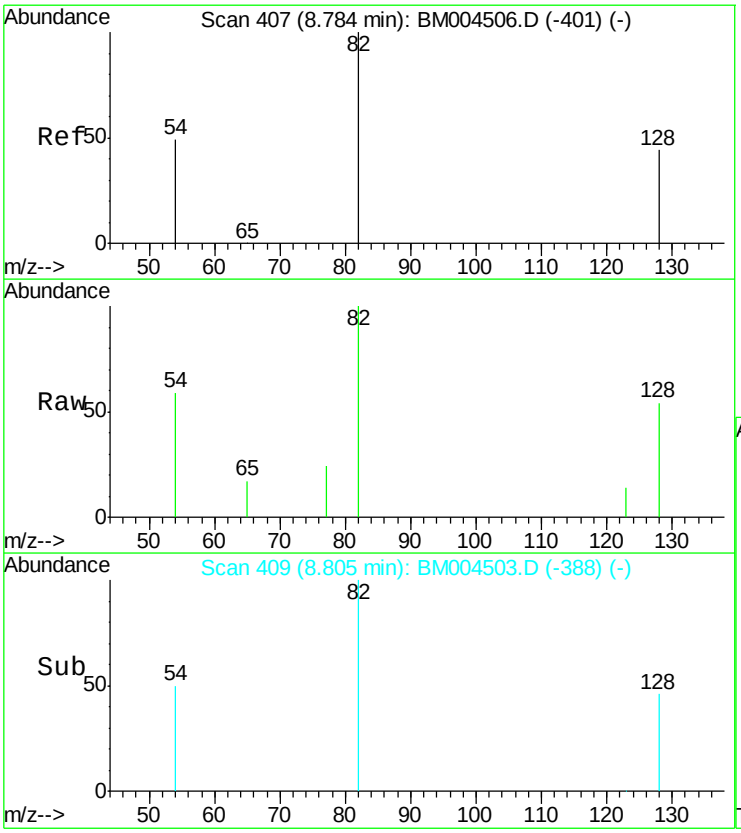
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 86328

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	4.4	3.0	4.6
68	3.8	2.7	4.1

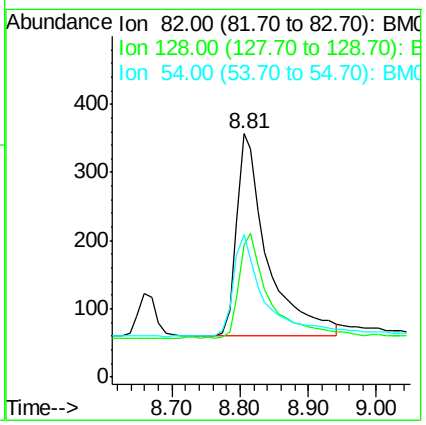


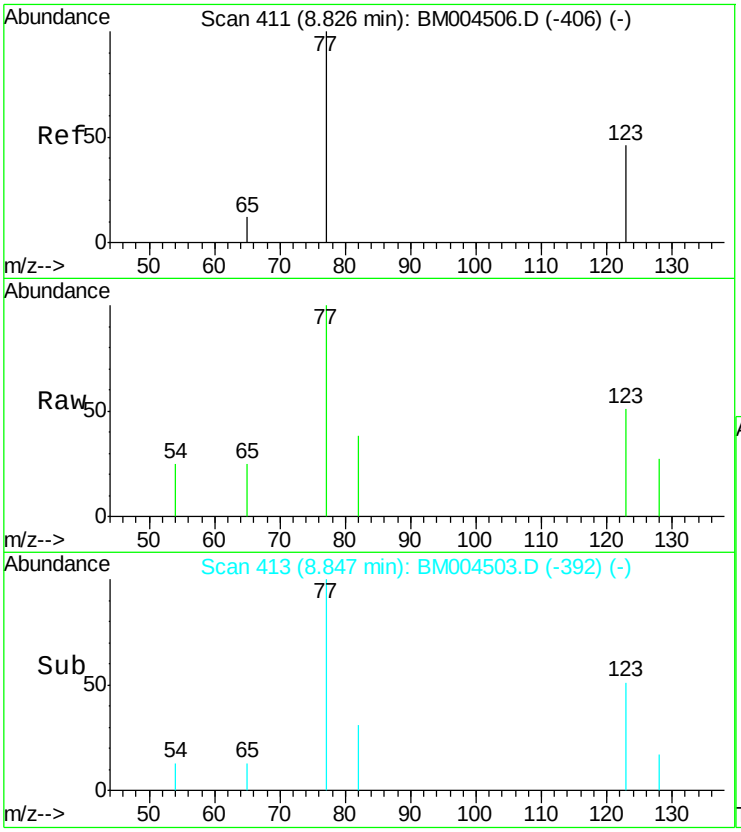


#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.81 min Scan# 409
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion: 82 Resp: 937

Ion	Ratio	Lower	Upper
82	100		
128	54.1	36.6	55.0
54	58.5	41.0	61.6



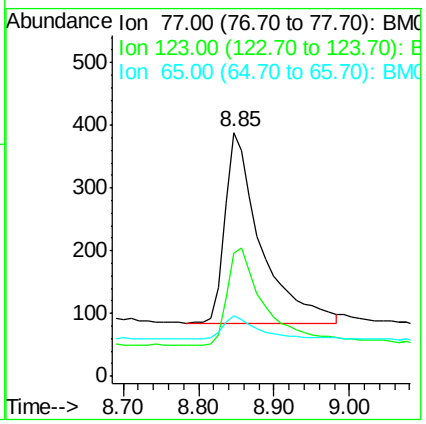


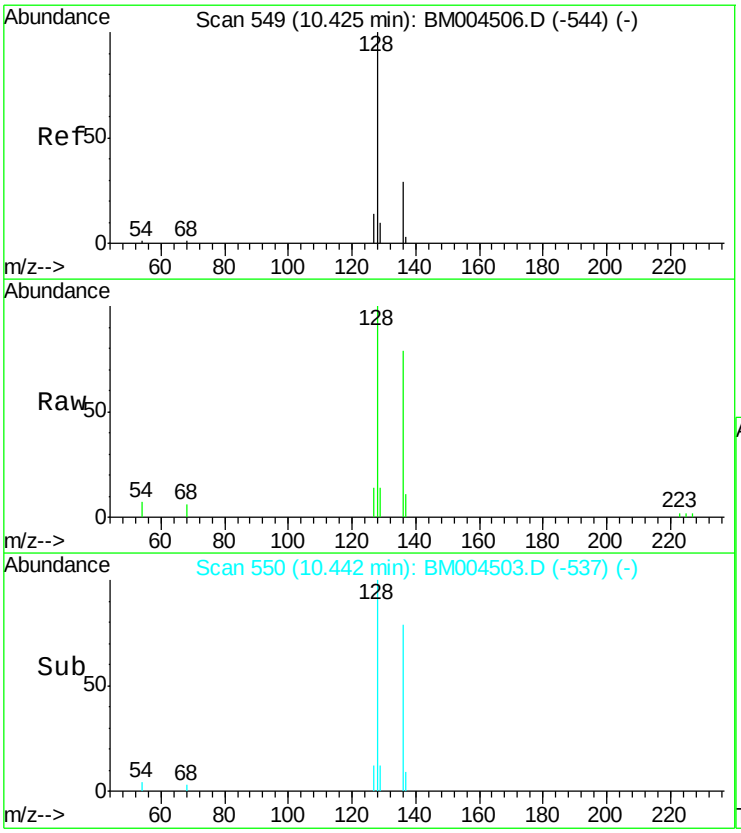
#9
Nitrobenzene
Concen: 0.18 ng
RT: 8.85 min Scan# 413
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion: 77 Resp: 1010

Ion	Ratio	Lower	Upper
77	100		
123	54.0	42.3	63.5
65	11.9	10.1	15.1

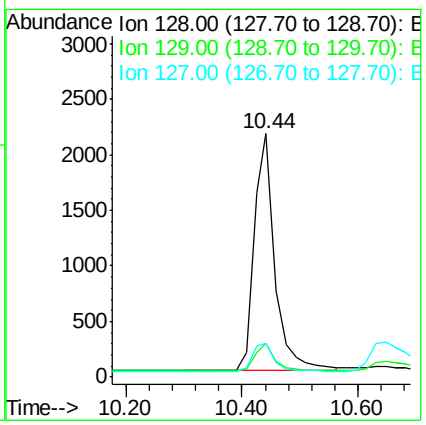


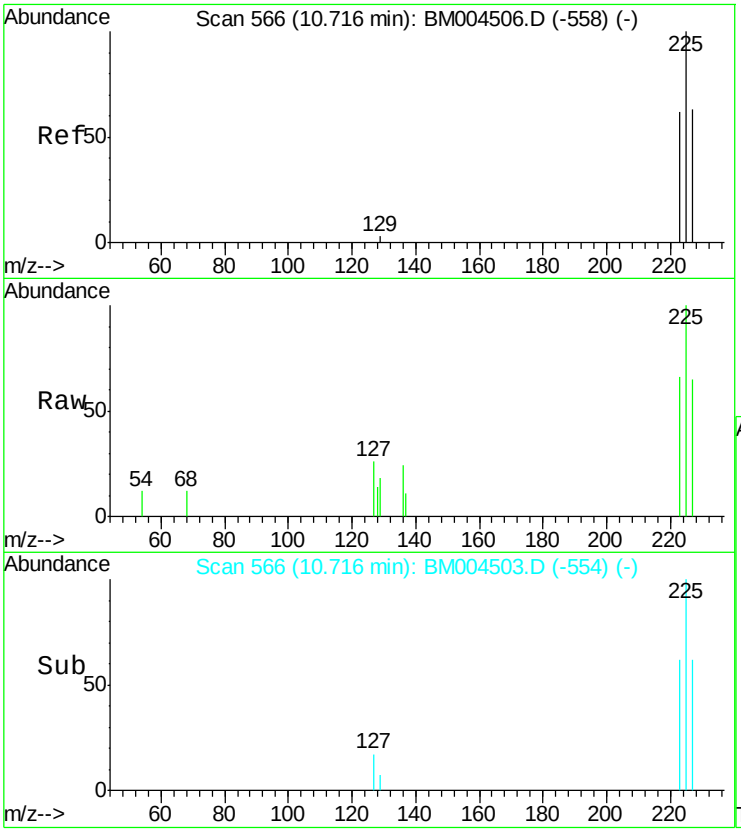


#10
Naphthalene
Concen: 0.20 ng
RT: 10.44 min Scan# 550
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:128 Resp: 5297

Ion	Ratio	Lower	Upper
128	100		
129	13.7	8.6	12.8#
127	13.9	11.8	17.6



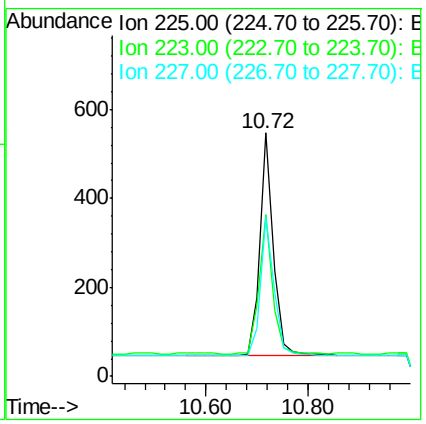


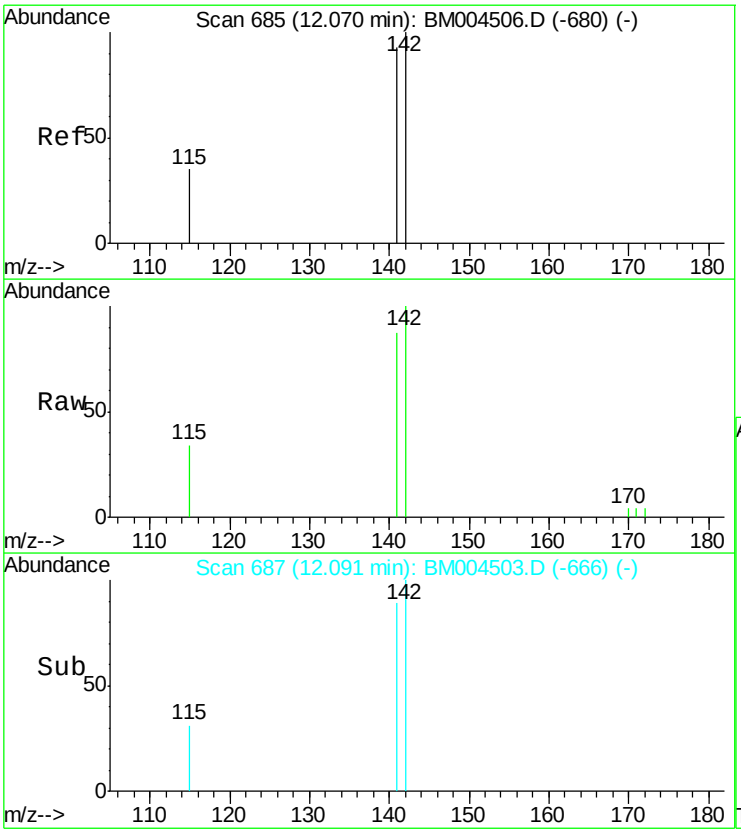
#11
Hexachlorobutadiene
Concen: 0.23 ng
RT: 10.72 min Scan# 566
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:225 Resp: 895

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	63.9	51.4	77.2

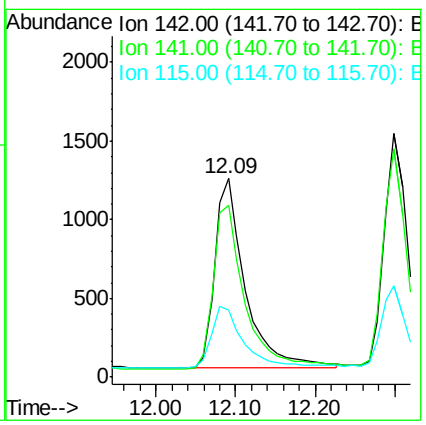


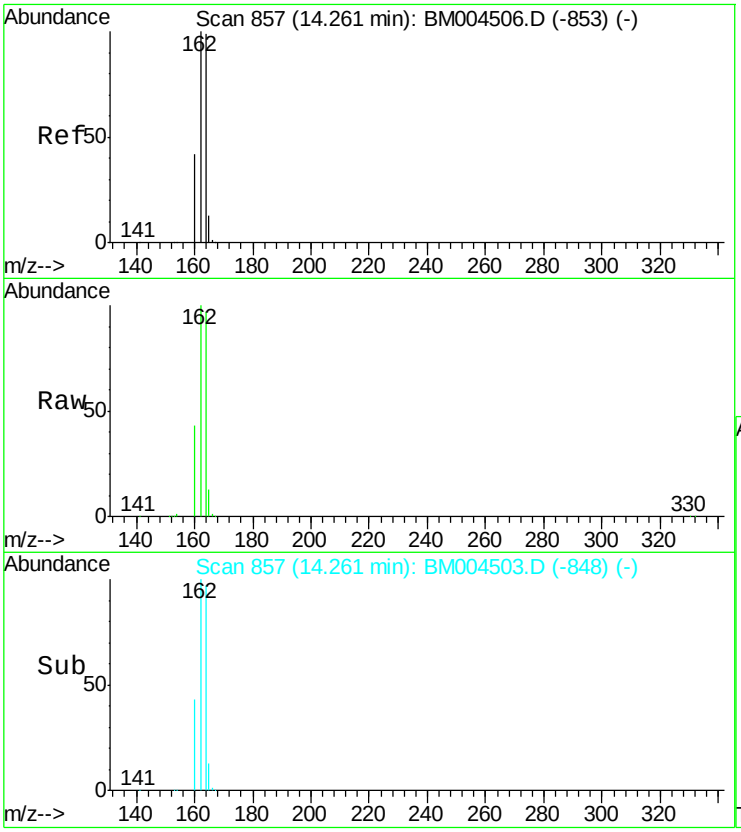


#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.09 min Scan# 687
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:142 Resp: 3172

Ion	Ratio	Lower	Upper
142	100		
141	86.6	73.9	110.9
115	34.0	28.8	43.2



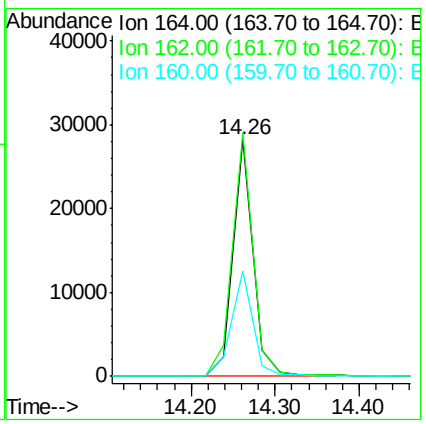


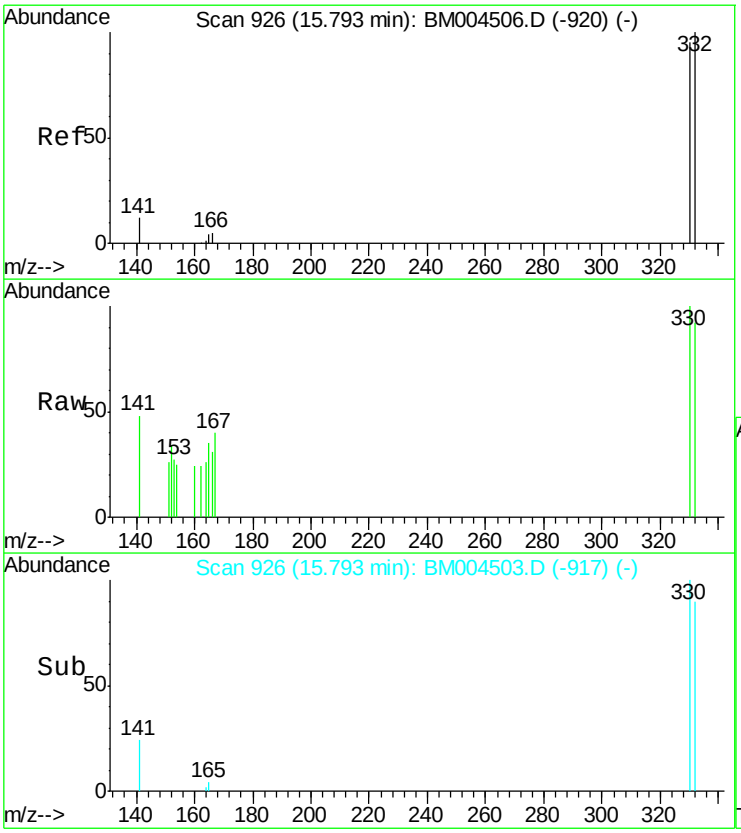
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 45794

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.2	121.8
160	44.4	34.2	51.4

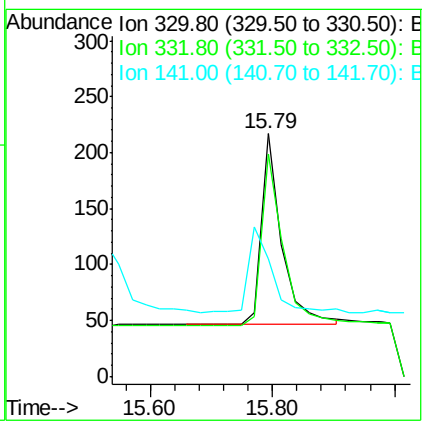


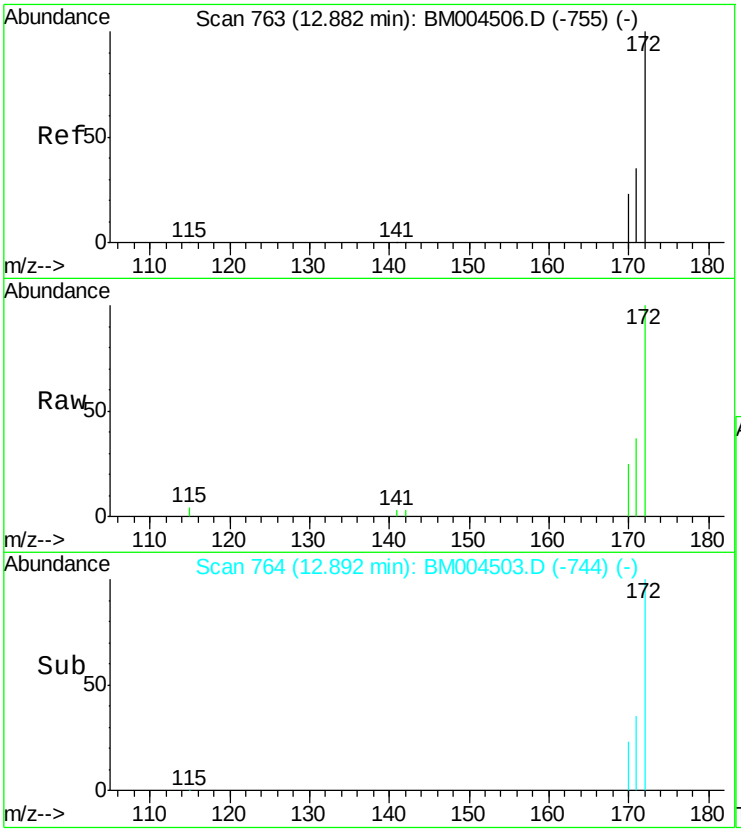


#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.79 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:330 Resp: 388

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.8	118.2
141	0.0	0.0	0.0



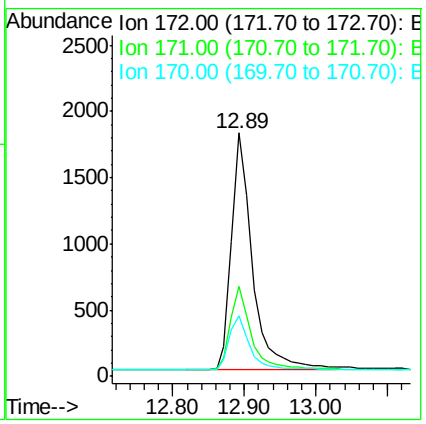


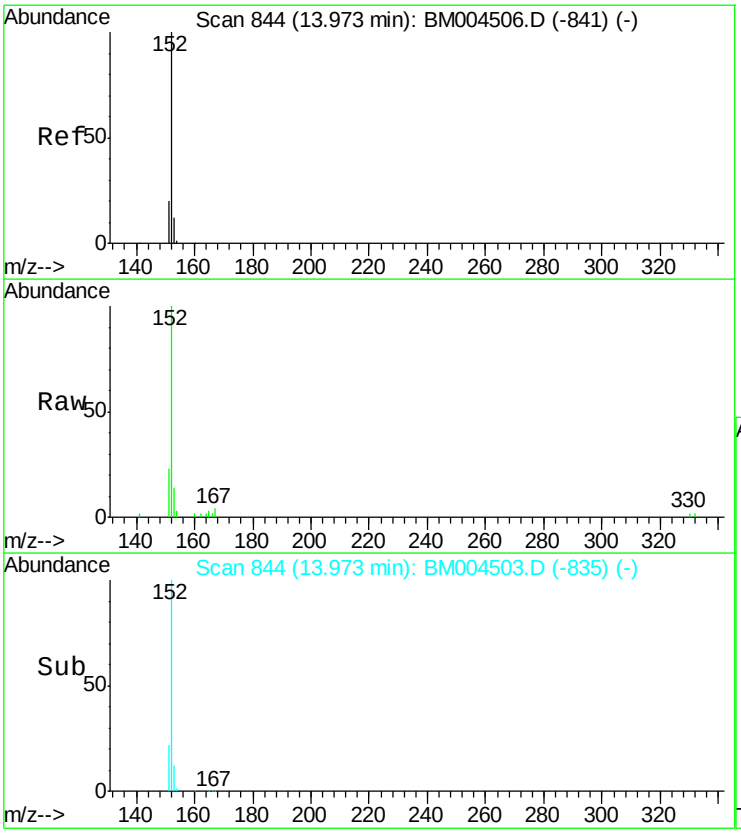
#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.89 min Scan# 764
Delta R.T. 0.01 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 3642

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.9	18.7	28.1

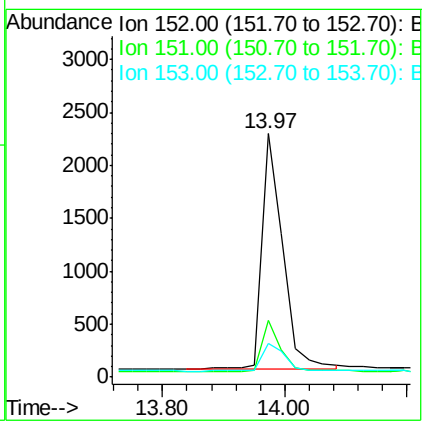


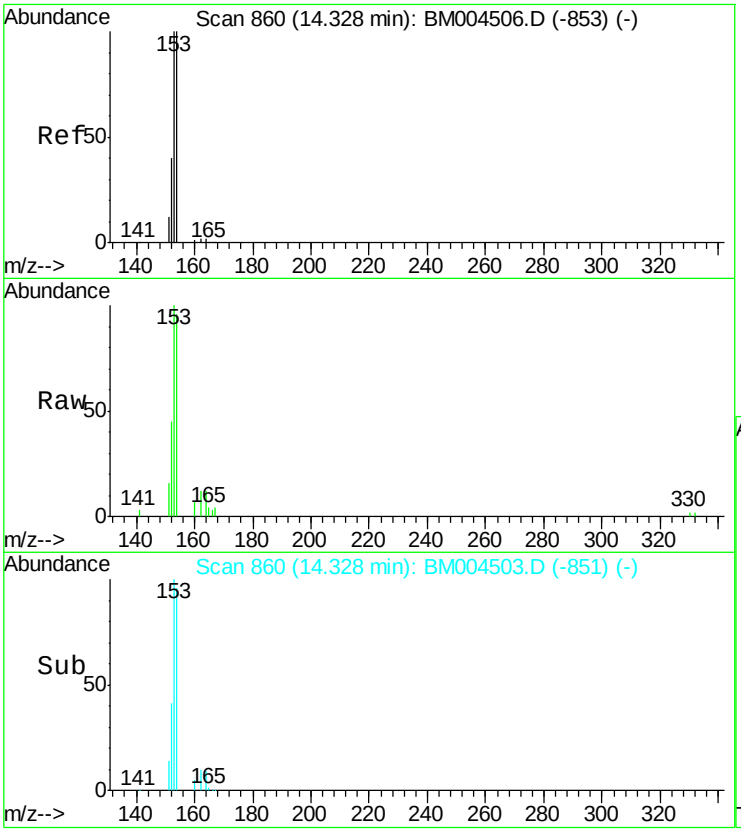


#16
Acenaphthylene
Concen: 0.21 ng
RT: 13.97 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:152 Resp: 5272

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	12.9	10.2	15.4



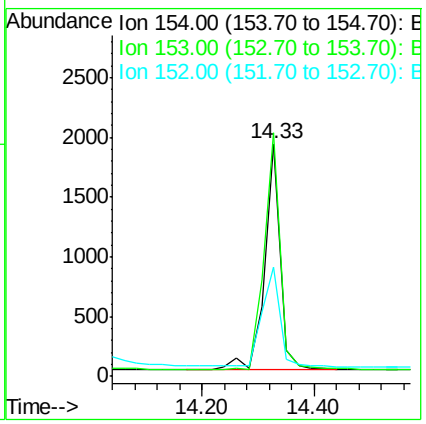


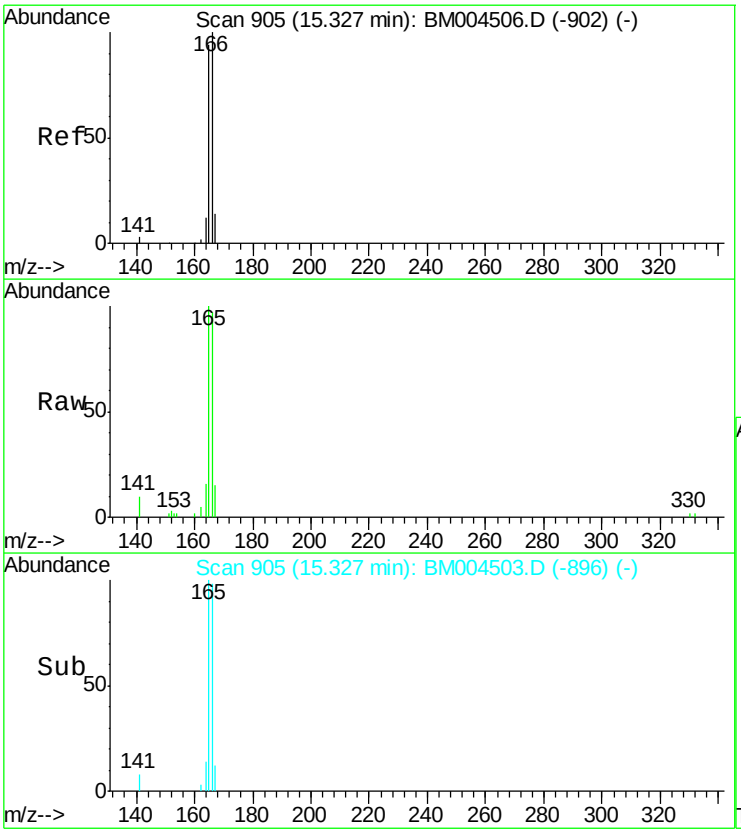
#17
Acenaphthene
Concen: 0.22 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 3713

Ion	Ratio	Lower	Upper
154	100		
153	106.6	88.2	132.4
152	49.3	41.0	61.6

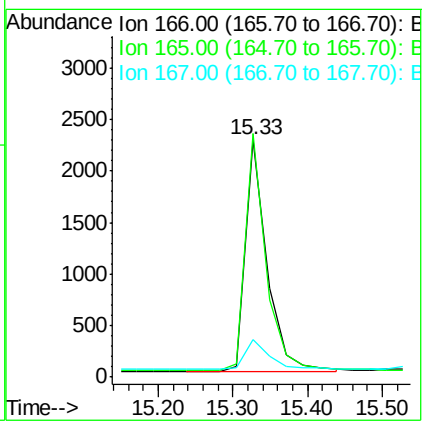


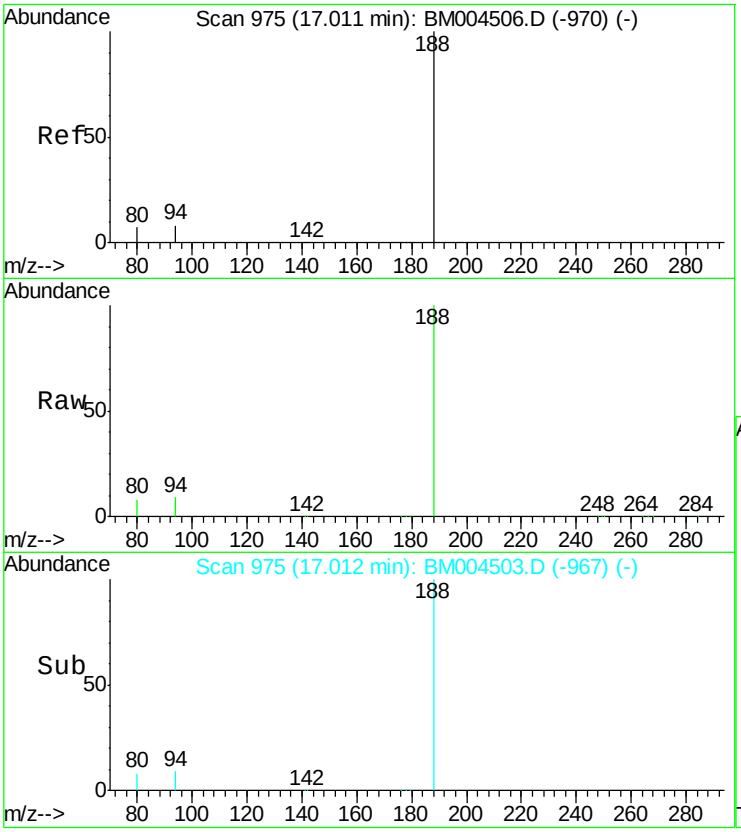


#18
Fluorene
Concen: 0.22 ng
RT: 15.33 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:166 Resp: 4501

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.0	115.6
167	13.6	10.9	16.3



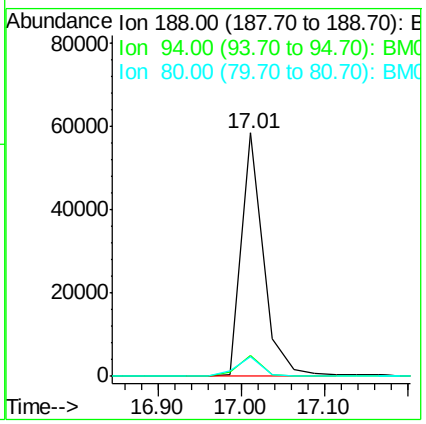


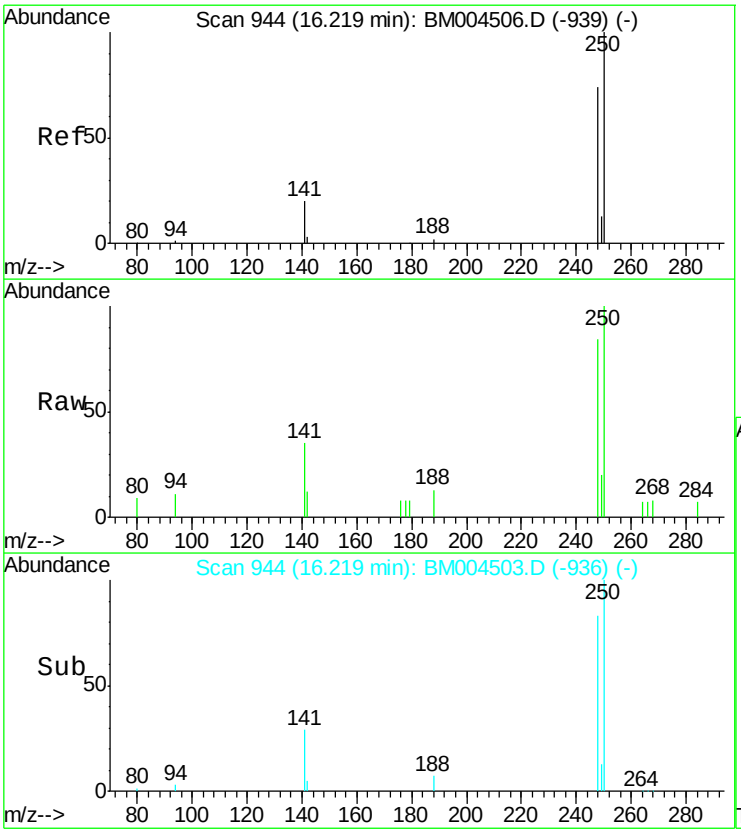
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 108106

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.2	9.4
80	8.2	5.7	8.5

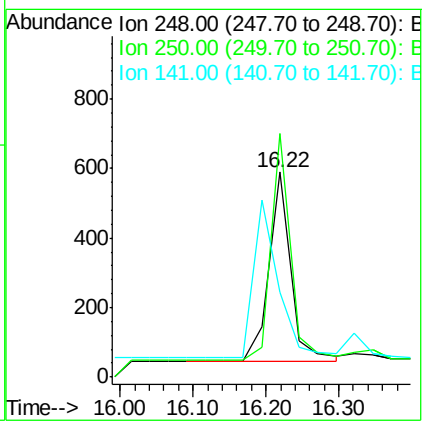


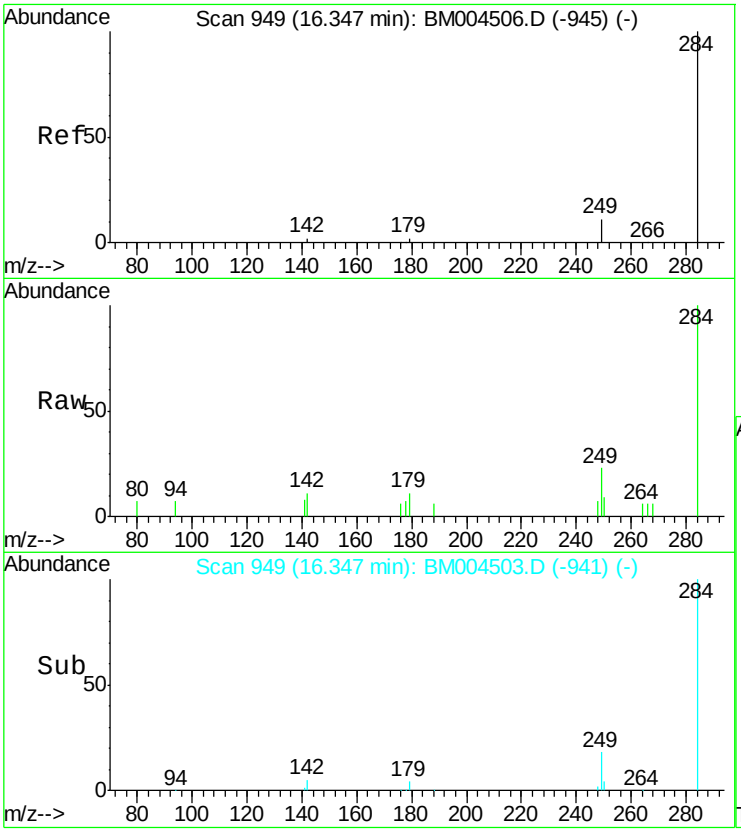


#20
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.22 min Scan# 944
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:248 Resp: 1121

Ion	Ratio	Lower	Upper
248	100		
250	107.9	83.7	125.5
141	0.0	0.0	0.0



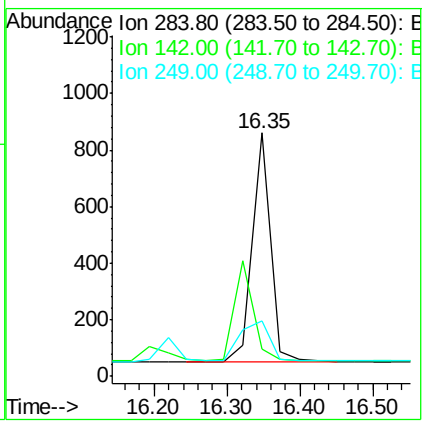


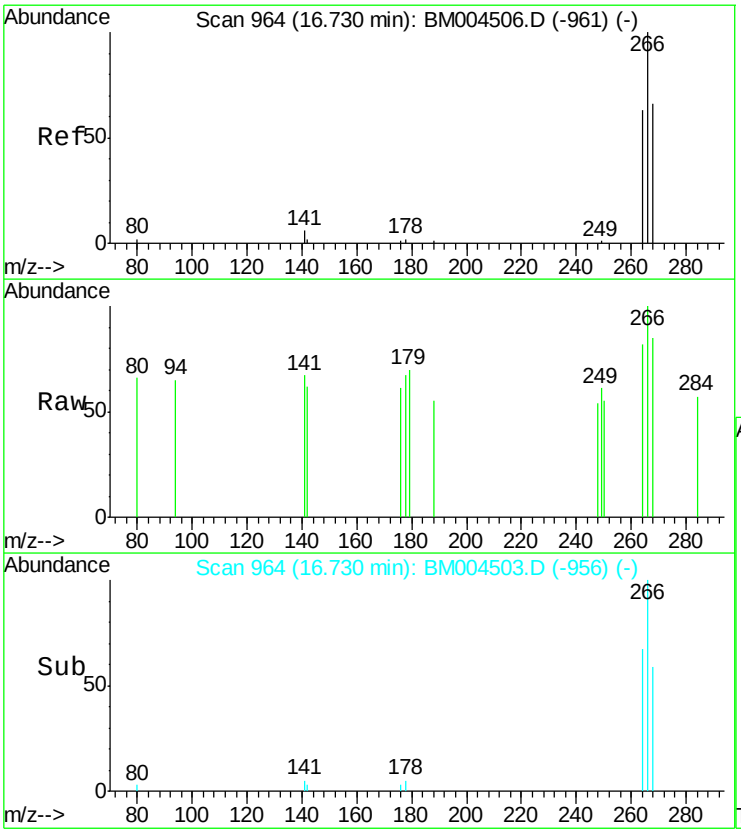
#21
Hexachlorobenzene
Concen: 0.22 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1420

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	27.9	0.0	0.0#

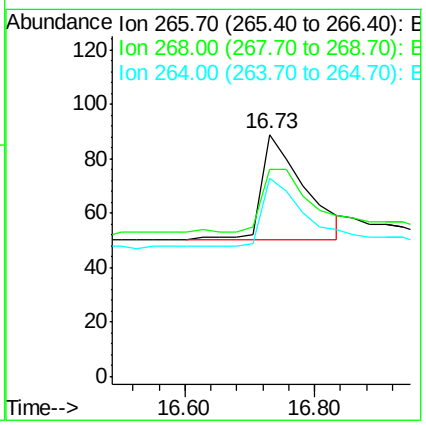


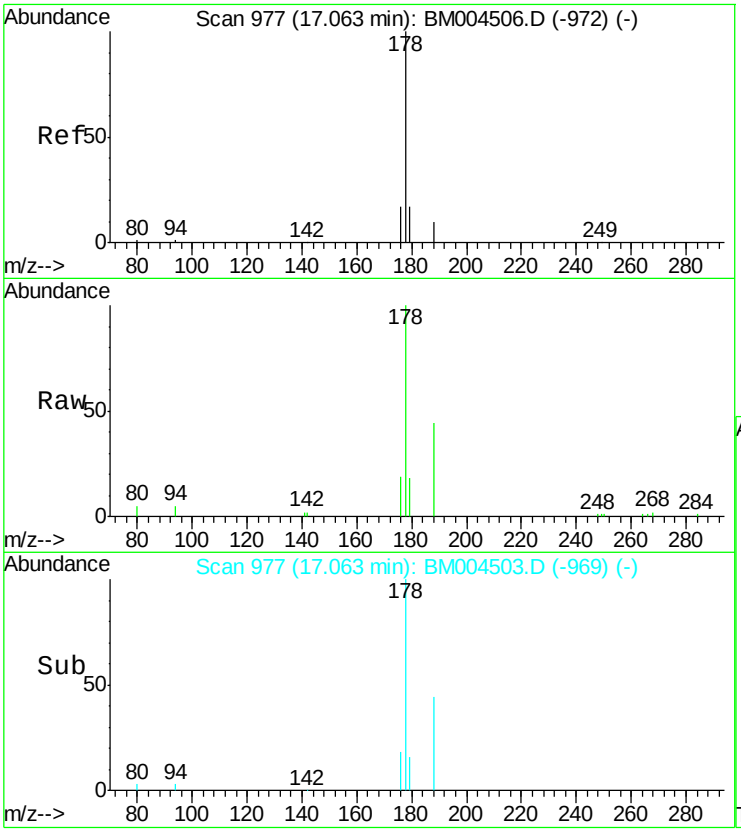


#22
Pentachlorophenol
Concen: 0.11 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:266 Resp: 178

Ion	Ratio	Lower	Upper
266	100		
268	85.4	62.1	93.1
264	82.0	57.9	86.9



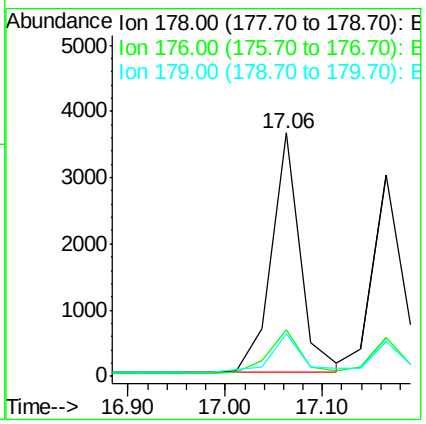


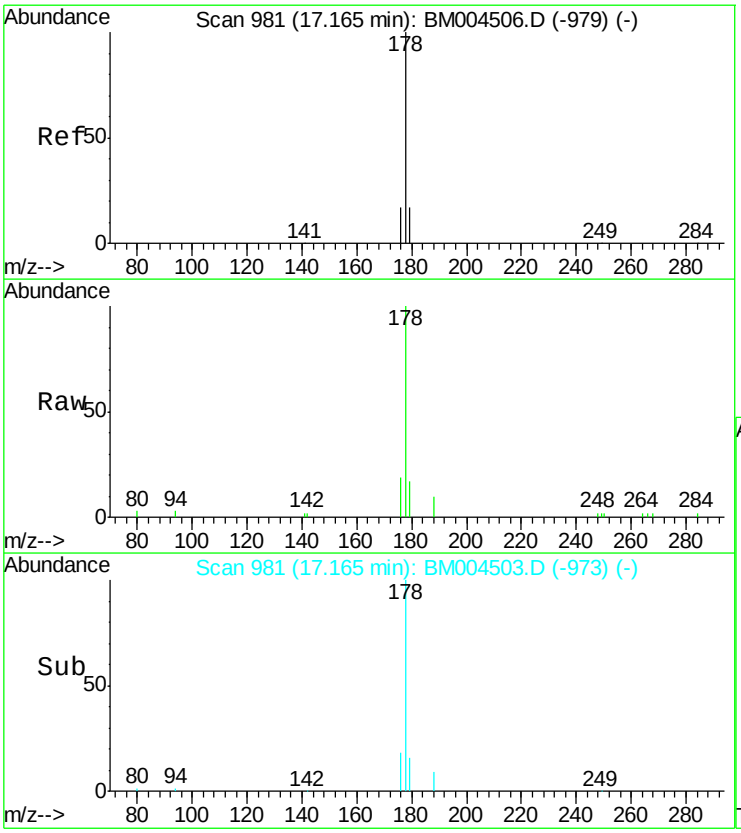
#23
Phenanthrene
Concen: 0.20 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 7528

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	17.1	12.9	19.3

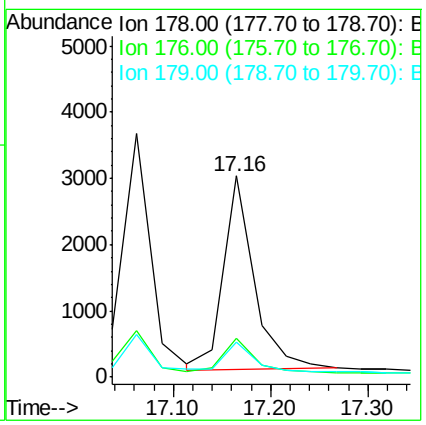


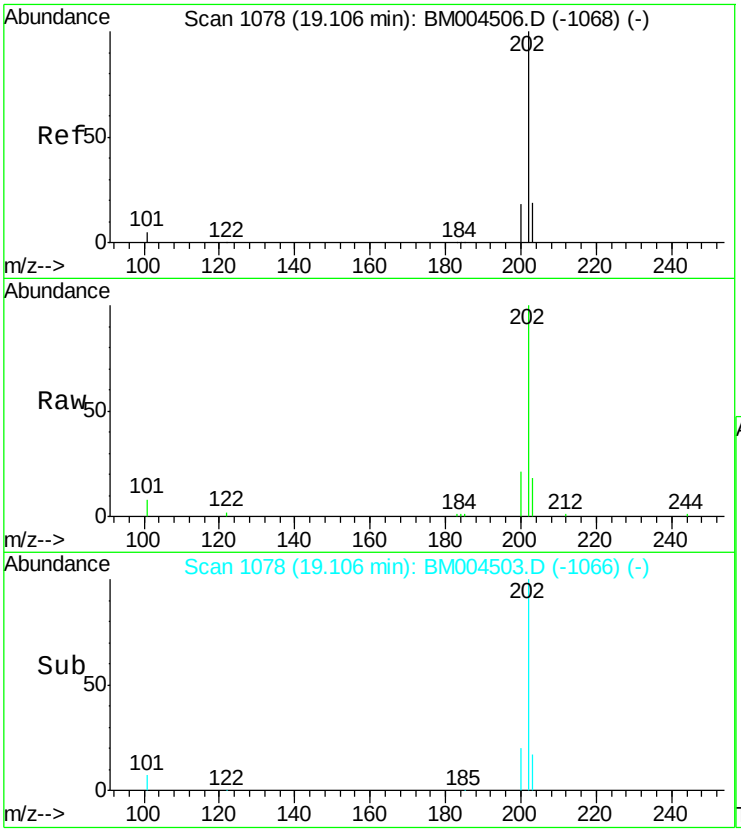


#24
Anthracene
Concen: 0.20 ng
RT: 17.16 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:178 Resp: 6313

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.7	19.1
179	15.1	10.4	15.6



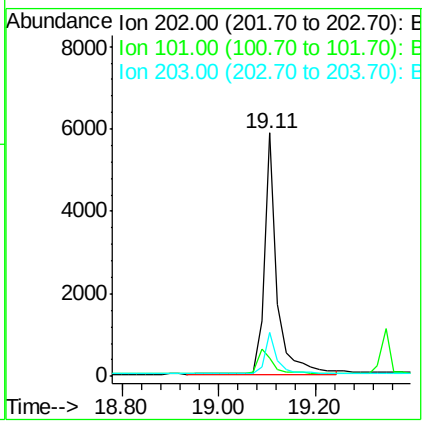


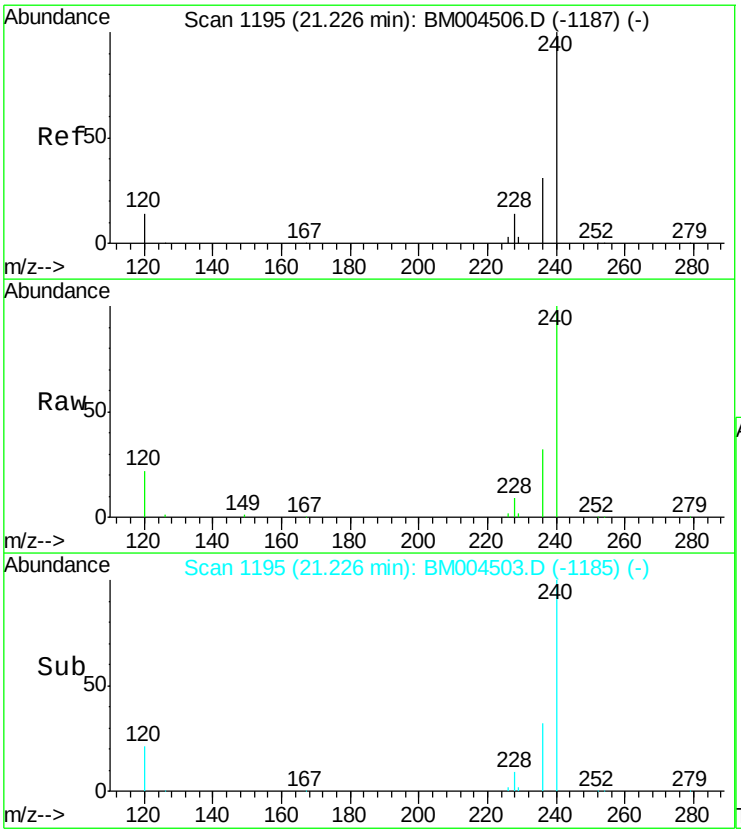
#25
Fluoranthene
Concen: 0.27 ng
RT: 19.11 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 10694

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.9	14.9
203	17.5	13.8	20.8

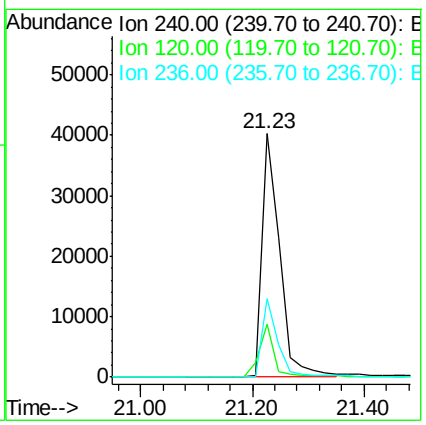


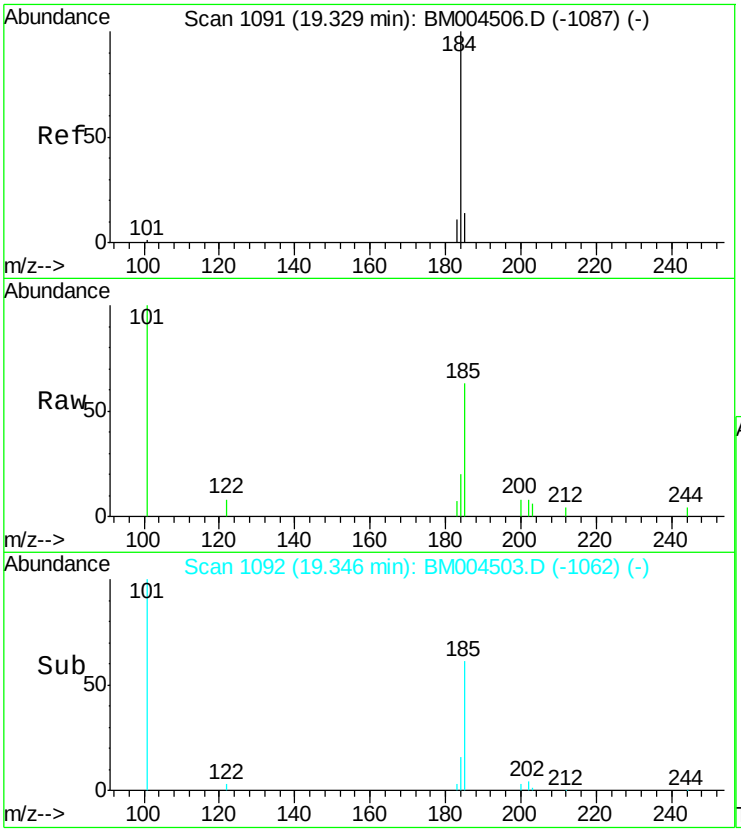


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:240 Resp: 86914

Ion	Ratio	Lower	Upper
240	100		
120	21.6	11.7	17.5#
236	32.2	24.8	37.2



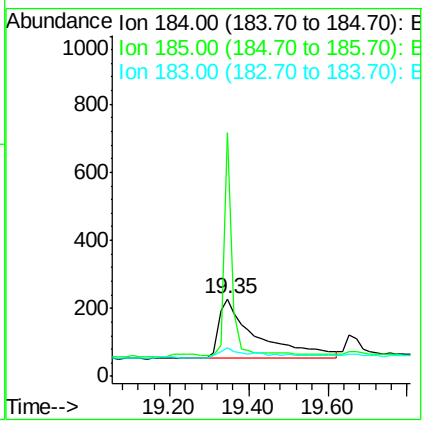


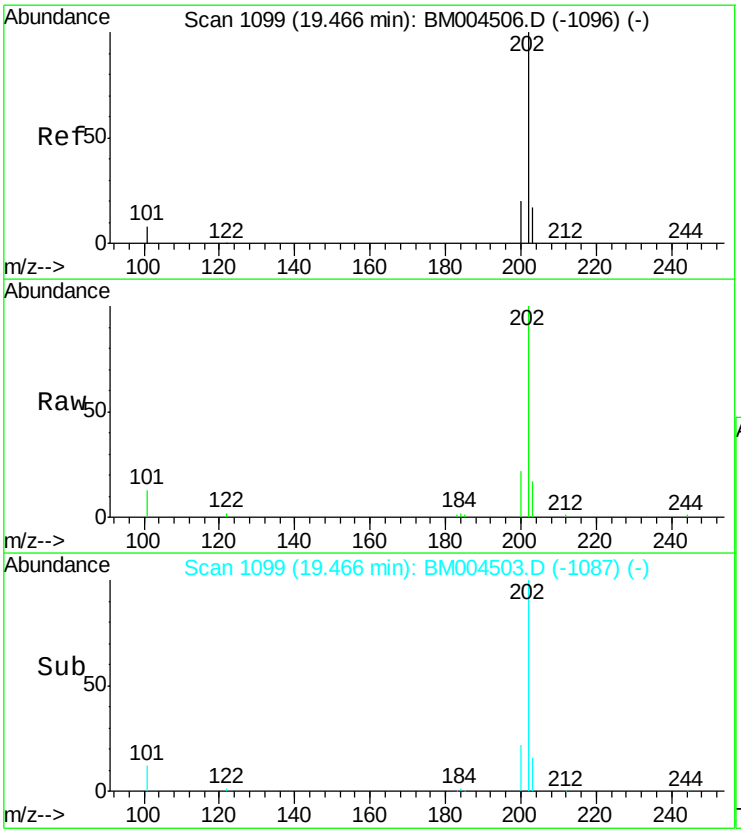
#27
Benzidine
Concen: 0.13 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:184 Resp: 1156

Ion	Ratio	Lower	Upper
184	100		
185	312.7	15.4	23.0#
183	37.1	13.3	19.9#

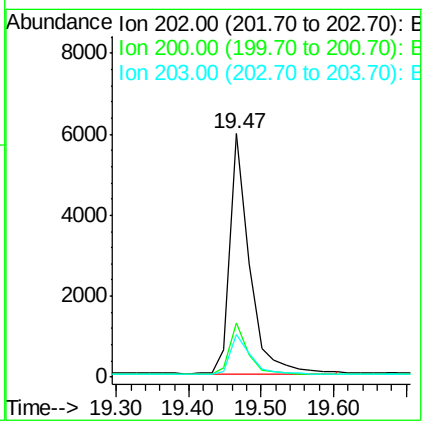


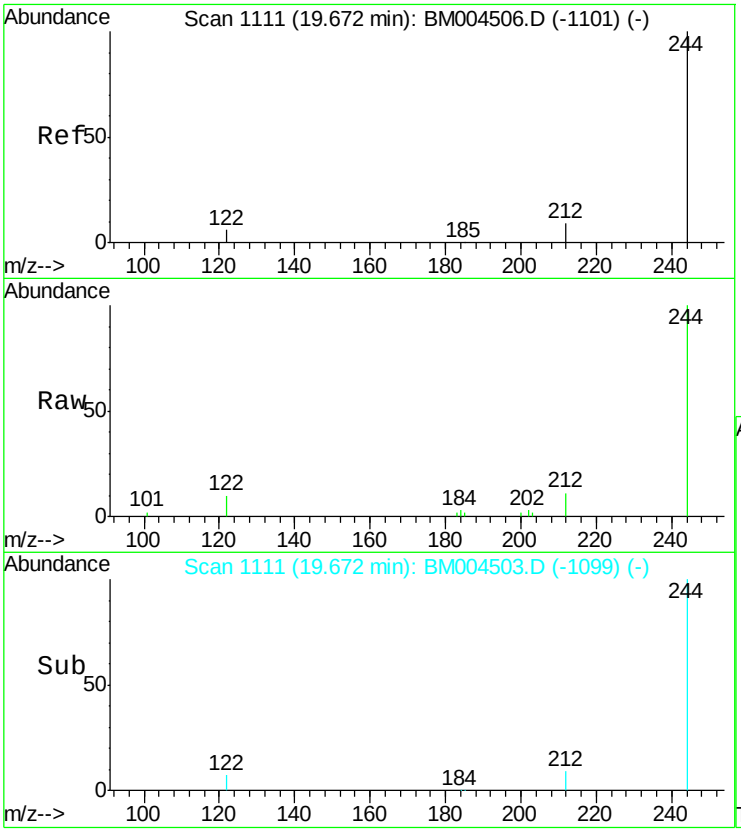


#28
Pyrene
Concen: 0.32 ng
RT: 19.47 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:202 Resp: 11007

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.5	13.8	20.8



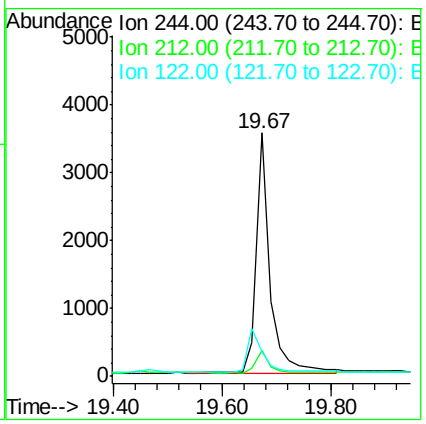


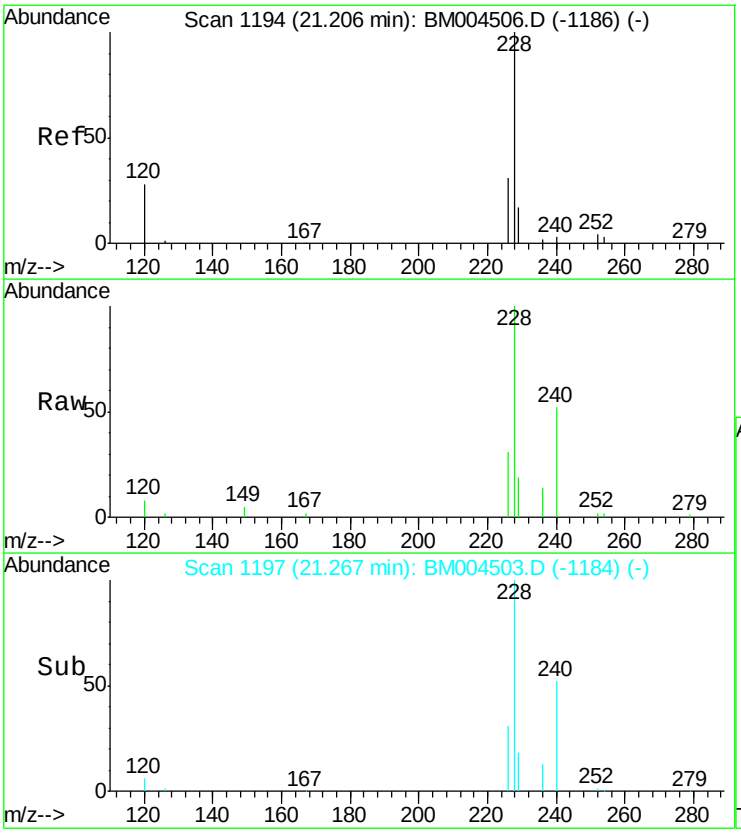
#29
Terphenyl-d14
Concen: 0.52 ng
RT: 19.67 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6115

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.5	11.3
122	9.9	5.4	8.2#

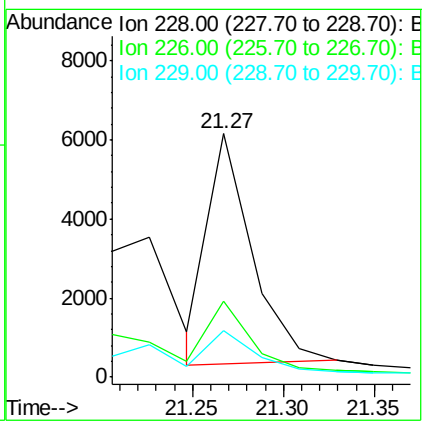


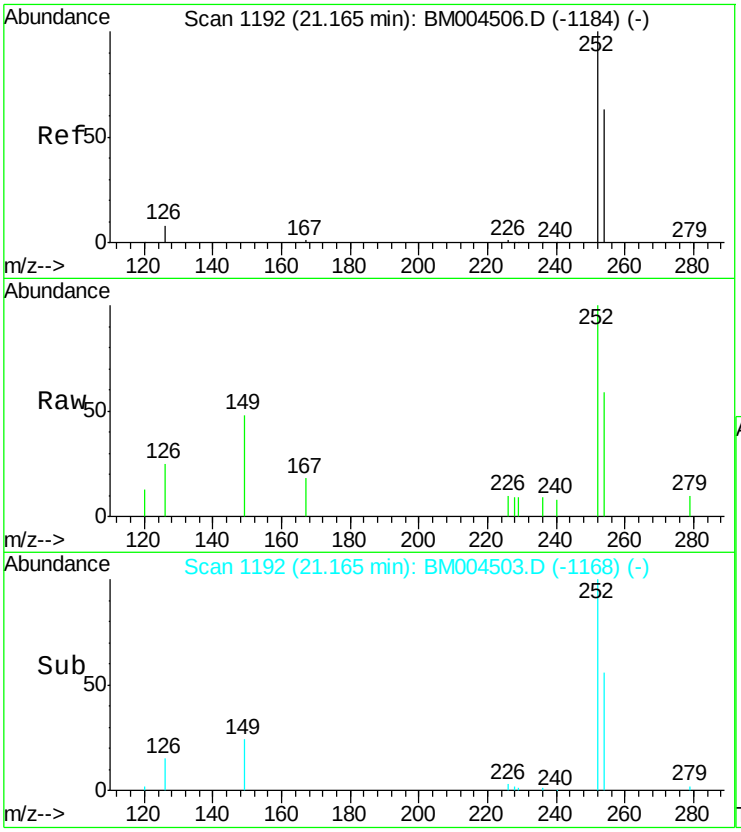


#30
Benzo(a)anthracene
Concen: 0.31 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.06 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:228 Resp: 9732

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	19.3	13.9	20.9



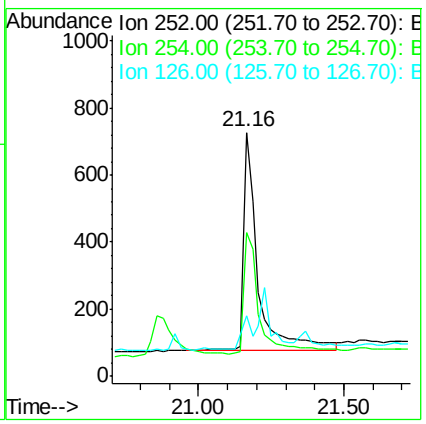


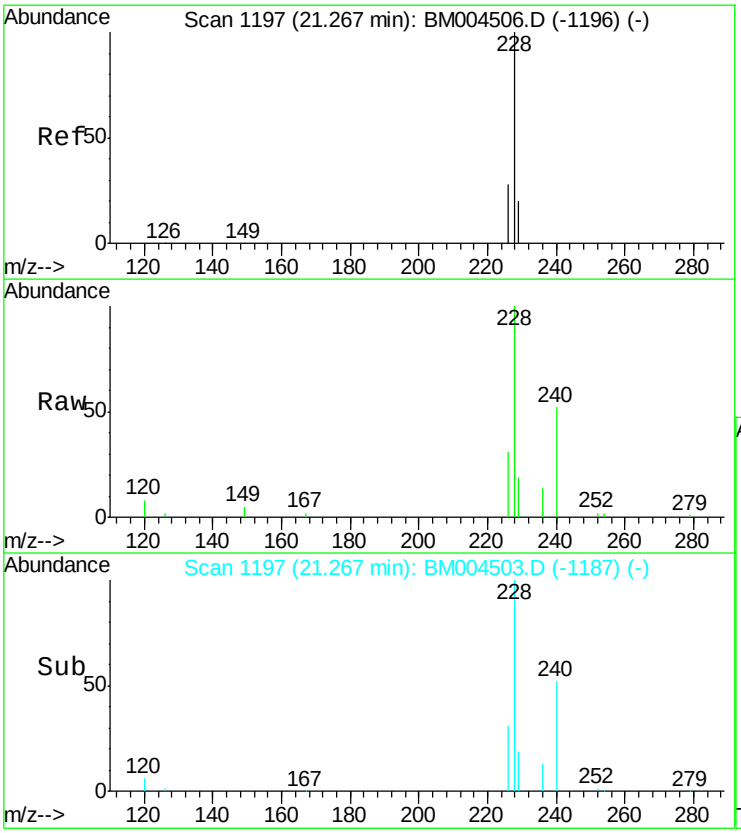
#31
3,3'-Dichlorobenzidine
Concen: 0.12 ng
RT: 21.16 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 2241

Ion	Ratio	Lower	Upper
252	100		
254	58.8	51.1	76.7
126	24.7	8.4	12.6#

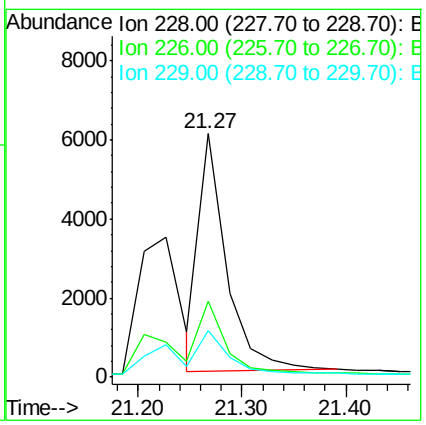


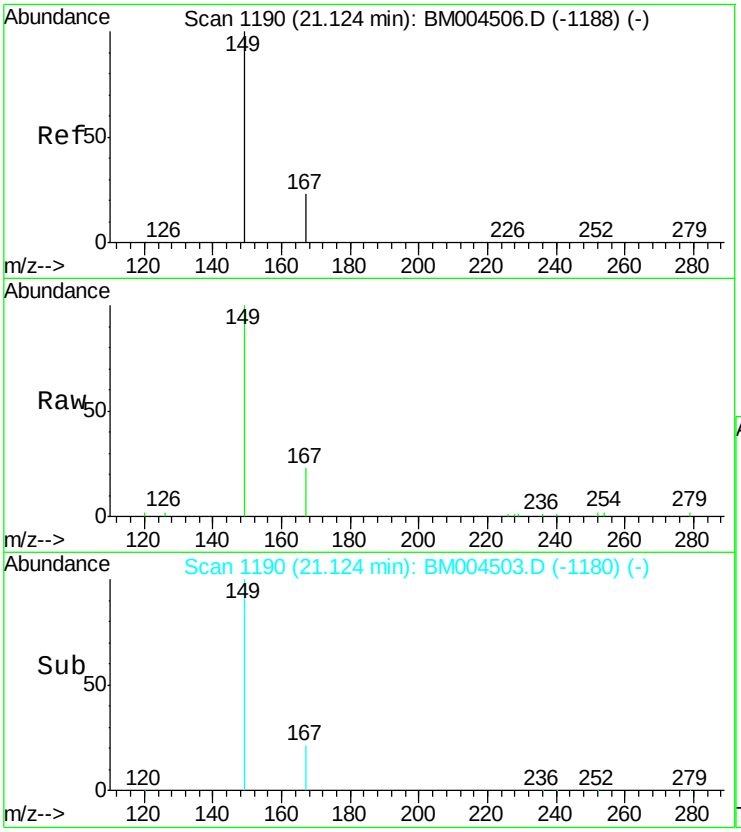


#32
Chrysene
Concen: 0.17 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:228 Resp: 11025

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.7	35.5
229	19.3	15.8	23.6



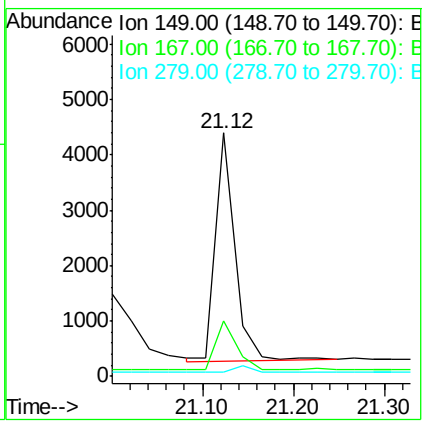


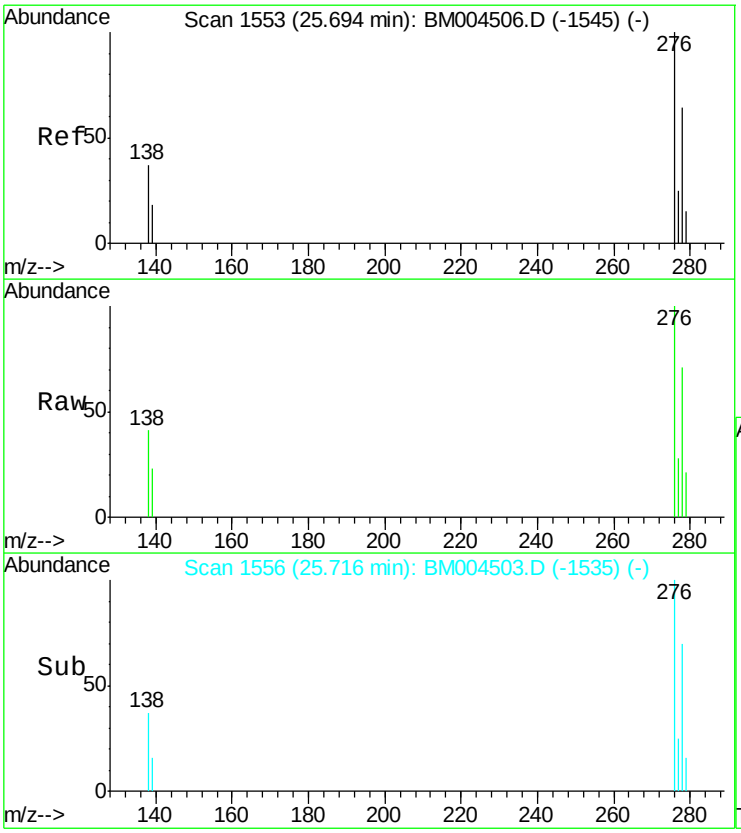
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.12 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 6074

Ion	Ratio	Lower	Upper
149	100		
167	23.4	19.9	29.9
279	0.0	0.0	0.0

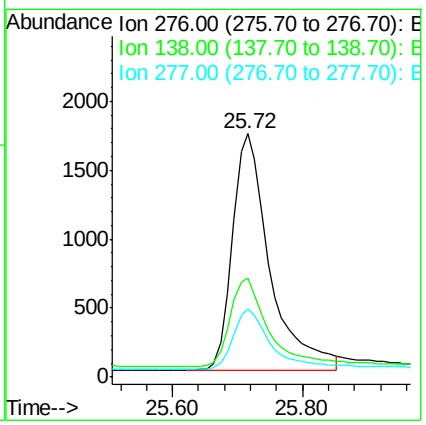


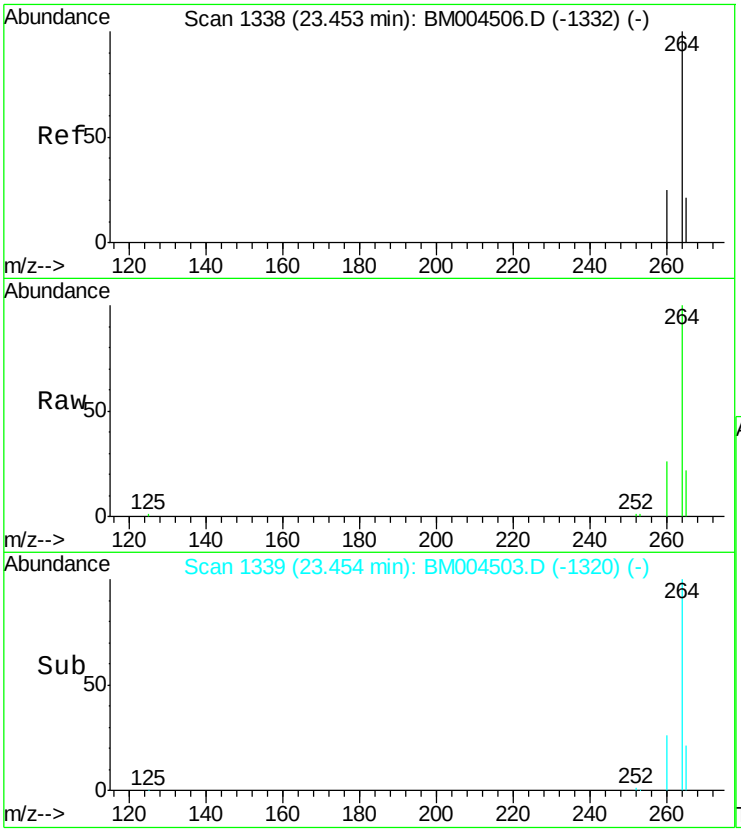


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.23 ng
RT: 25.72 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:276 Resp: 6811

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



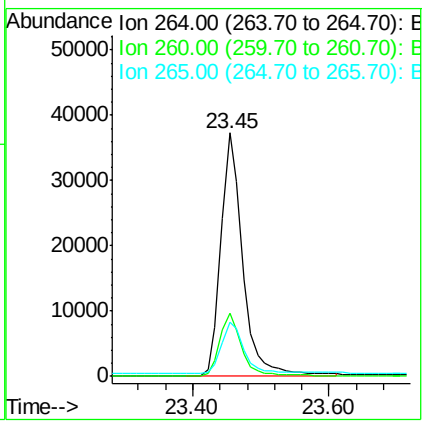


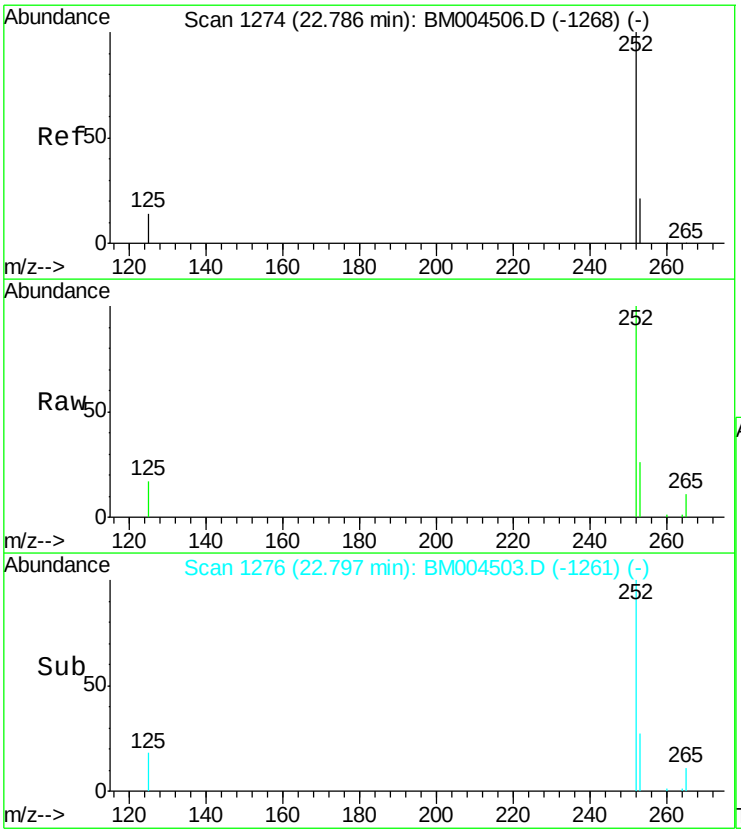
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 82795

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	22.1	18.1	27.1

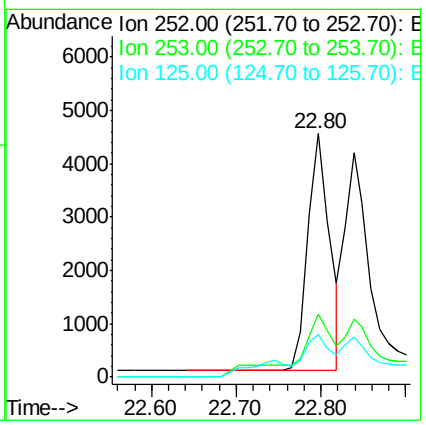


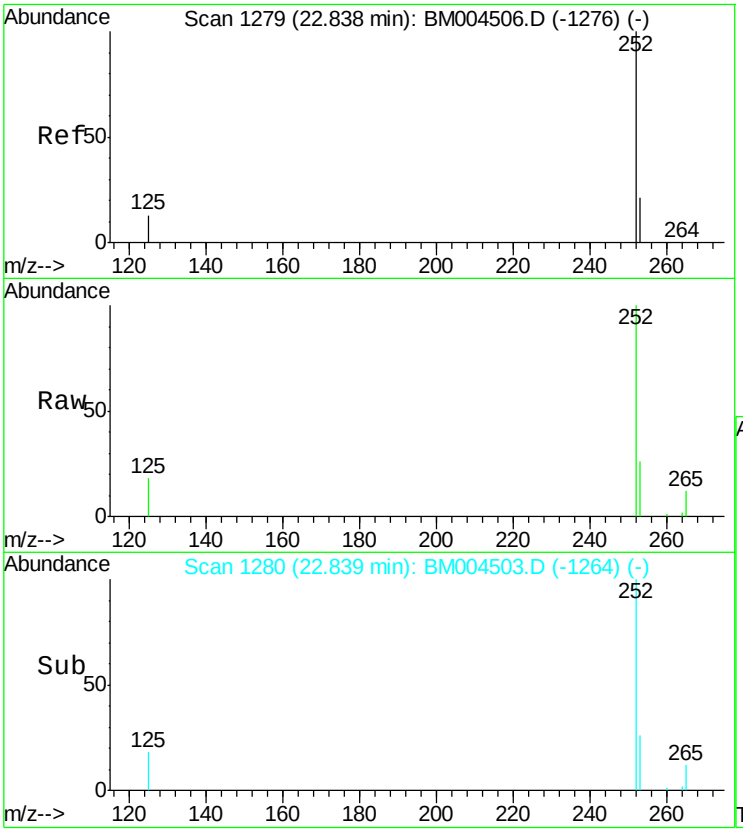


#36
Benzo(b)fluoranthene
Concen: 0.31 ng
RT: 22.80 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:252 Resp: 9556

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	17.4	12.8	19.2



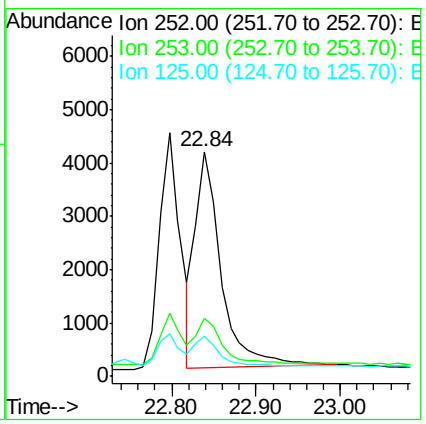


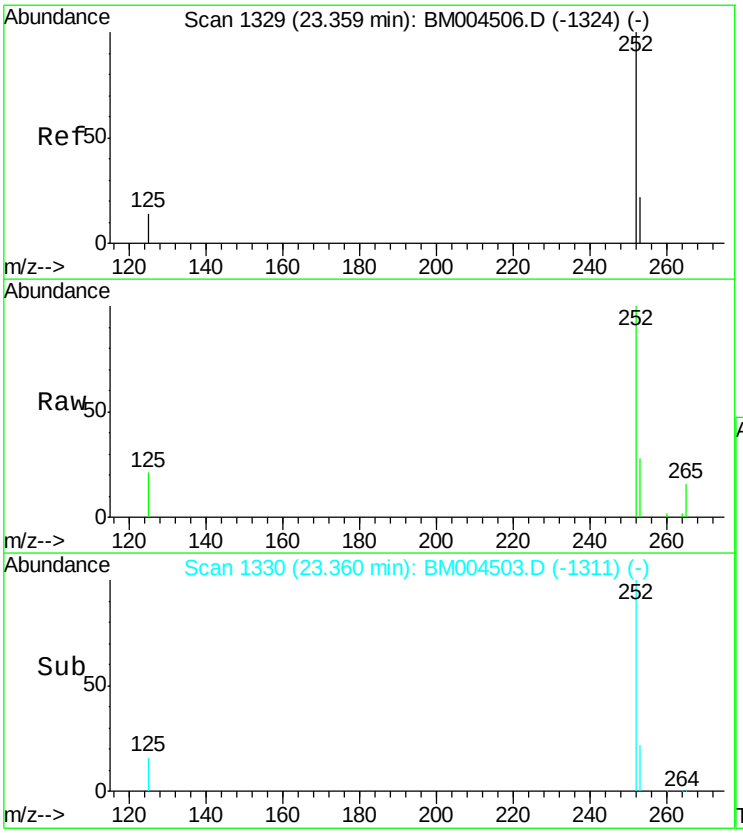
#37
Benzo(k)fluoranthene
Concen: 0.27 ng
RT: 22.84 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 8528

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.4	29.2
125	17.7	11.8	17.8

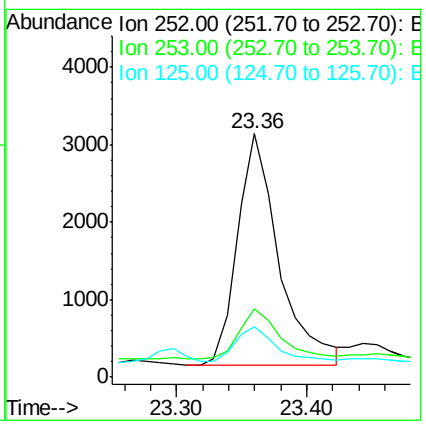


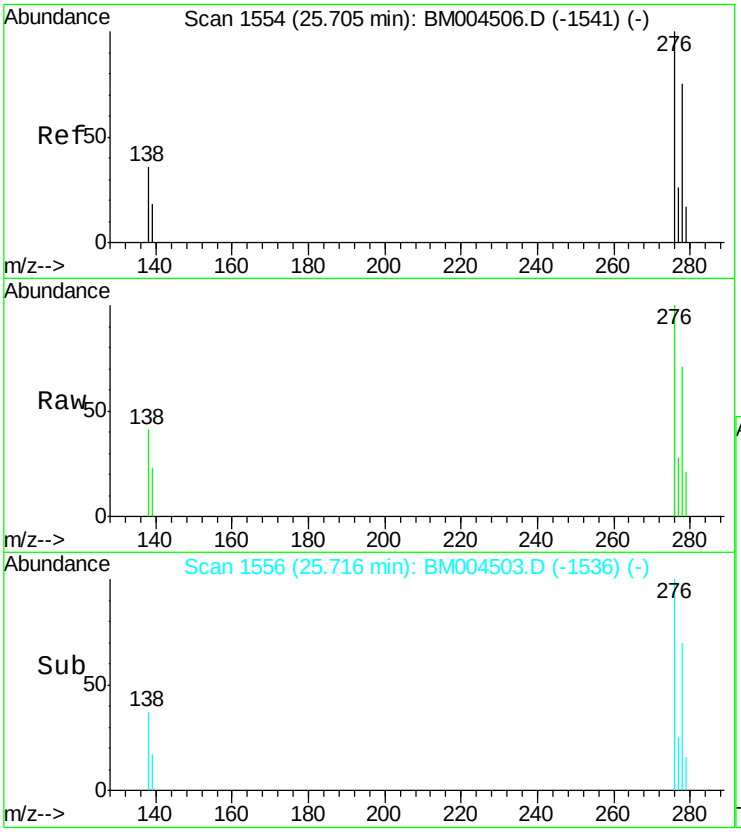


#38
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.36 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:252 Resp: 6604

Ion	Ratio	Lower	Upper
252	100		
253	27.8	20.0	30.0
125	20.8	13.4	20.0#



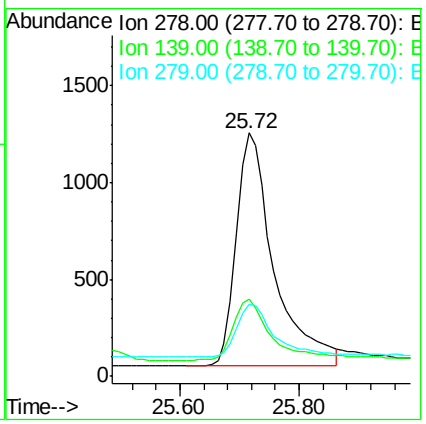


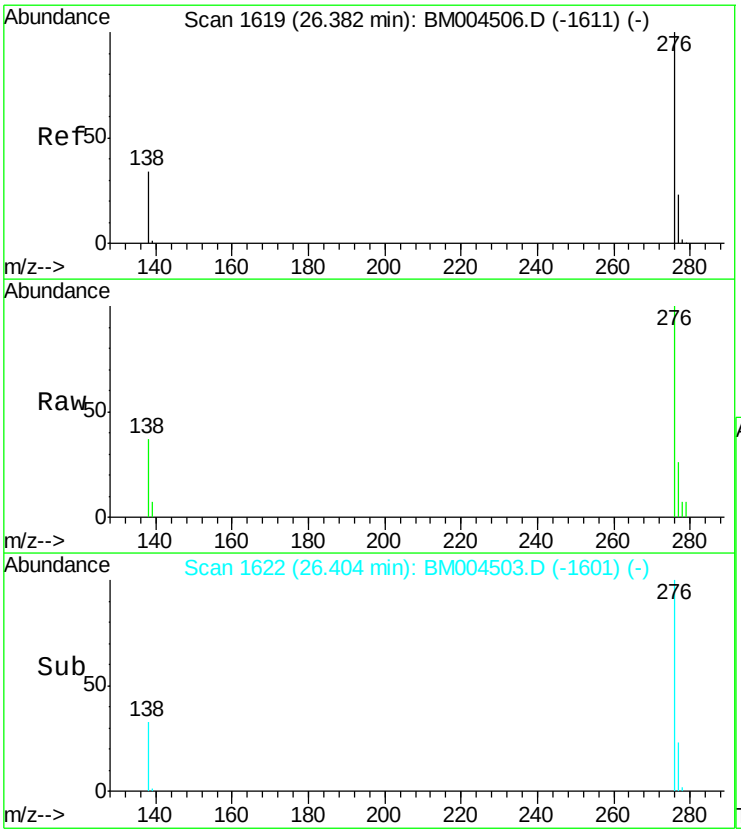
#39
Dibenzo(a,h)anthracene
Concen: 0.21 ng
RT: 25.72 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Instrument :
BNA_F
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 5284

Ion	Ratio	Lower	Upper
278	100		
139	31.7	20.9	31.3#
279	29.7	20.4	30.6





#40
Benzo(g,h,i)perylene
Concen: 0.22 ng
RT: 26.40 min Scan# 1622
Delta R.T. 0.02 min
Lab File: BM004503.D
Acq: 01 Mar 2016 22:18

Tgt Ion:276 Resp: 6092

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.4	29.0
138	37.0	28.2	42.2