Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
Data File : BM004506.D
Acq On : 02 Mar 2016 00:07
Operator : SJ/UM
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC001

Quant Time: Mar 02 02:29:22 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 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	21631	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	84178	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	43284	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	96133	5.00	ng		0.00
26) Chrysene-d12	21.23	240	76174	5.00	ng		0.00
35) Perylene-d12	23.45	264	69108	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	4202	0.84	ng		0.00
5) Phenol-d6	6.81	99	4883	0.87	ng		0.00
8) Nitrobenzene-d5	8.78	82	3638	0.86	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	1077	0.67	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	12396	0.94	ng		0.00
29) Terphenyl-d14	19.67	244	12027	1.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	1920	0.77	ng		99
3) n-Nitrosodimethylamine	3.43	42	1444	0.68	ng		99
6) bis(2-Chloroethyl)ether	7.04	93	4477	0.77	ng		99
9) Nitrobenzene	8.83	77	4003	0.71	ng		100
10) Naphthalene	10.42	128	17986	0.70	ng		100
11) Hexachlorobutadiene	10.72	225	3111	0.82	ng		100
12) 2-Methylnaphthalene	12.07	142	11029	0.77	ng		100
16) Acenaphthylene	13.97	152	17997	0.75	ng		100
17) Acenaphthene	14.33	154	11143	0.71	ng		100
18) Fluorene	15.33	166	13997	0.73	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	3156	0.61	ng	#	100
21) Hexachlorobenzene	16.35	284	3717	0.64	ng	#	100
22) Pentachlorophenol	16.73	266	488	0.35	ng		100
23) Phenanthrene	17.06	178	20231	0.61	ng		100
24) Anthracene	17.16	178	17037	0.61	ng		94
25) Fluoranthene	19.11	202	24126	0.68	ng		100
27) Benzidine	19.33	184	5179	0.65	ng		100
28) Pyrene	19.47	202	25118	0.84	ng		100
30) Benzo(a)anthracene	21.21	228	22738	0.82	ng		100
31) 3,3'-Dichlorobenzidine	21.16	252	6818	0.42	ng		100
32) Chrysene	21.27	228	22695	0.41	ng		100
33) Bis(2-ethylhexyl)phthalate	21.12	149	15096	0.72	ng	#	100
34) Indeno(1,2,3-cd)pyrene	25.69	276	19780	0.77	ng		100
36) Benzo(b)fluoranthene	22.79	252	18524	0.72	ng		100
37) Benzo(k)fluoranthene	22.84	252	21764	0.83	ng		100
38) Benzo(a)pyrene	23.36	252	18802	0.79	ng		100
39) Dibenzo(a,h)anthracene	25.70	278	15503	0.75	ng		100
40) Benzo(g,h,i)perylene	26.38	276	17529	0.77	ng		100

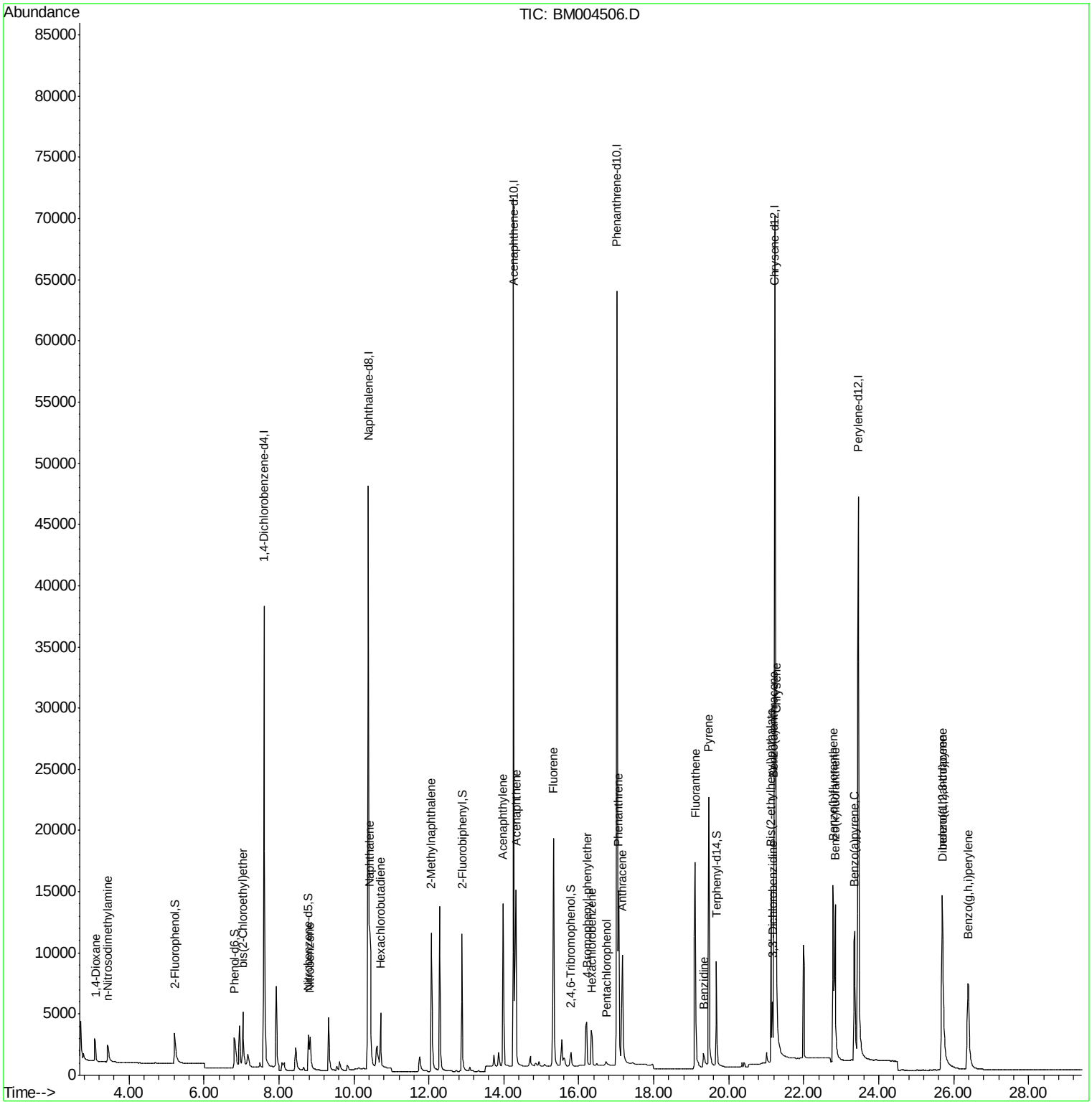
(#) = qualifier out of range (m) = manual integration (+) = signals summed

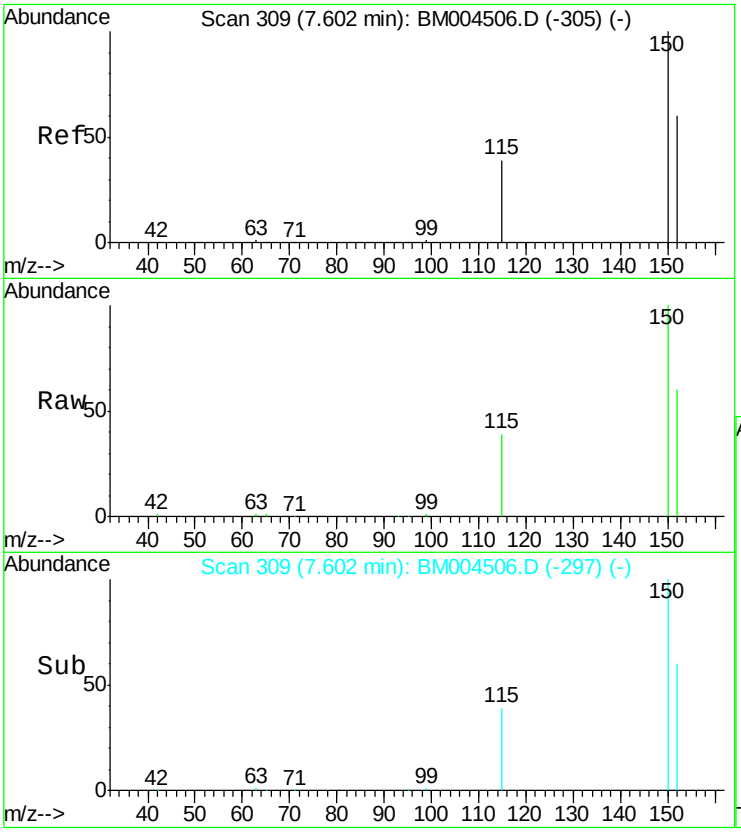
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030116\
Data File : BM004506.D
Acq On : 02 Mar 2016 00:07
Operator : SJ/UM
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Quant Time: Mar 02 02:29:22 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 02:23:16 2016
Response via : Initial Calibration



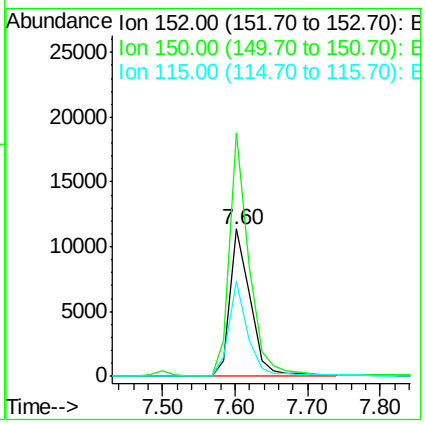


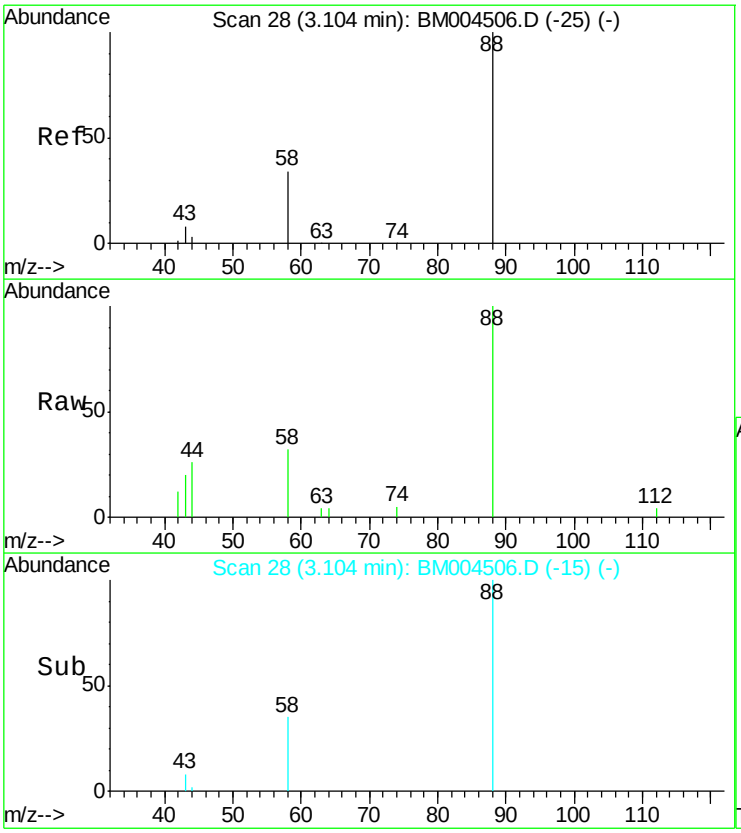
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 21631

Ion	Ratio	Lower	Upper
152	100		
150	165.5	132.4	198.6
115	64.3	51.4	77.2

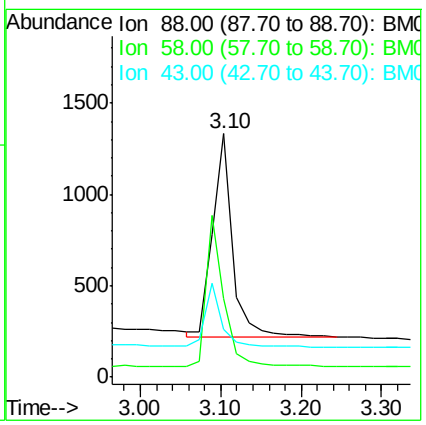


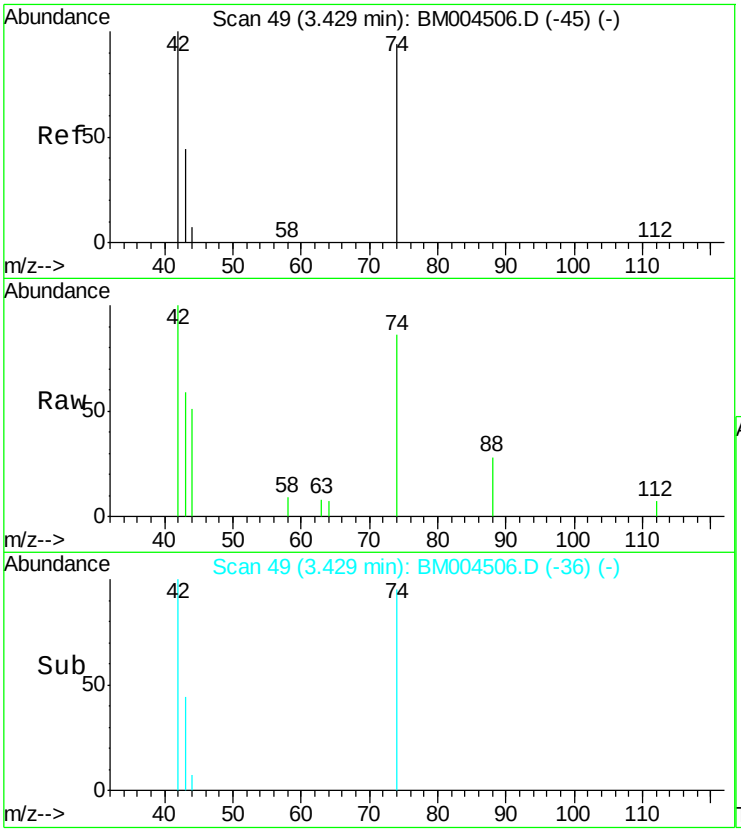


#2
1,4-Dioxane
Concen: 0.77 ng
RT: 3.10 min Scan# 28
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion: 88 Resp: 1920

Ion	Ratio	Lower	Upper
88	100		
58	65.7	53.1	79.7
43	26.7	21.6	32.4



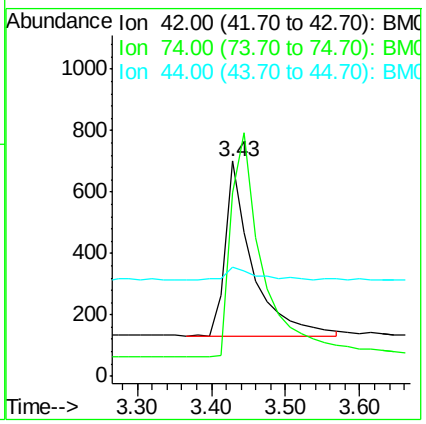


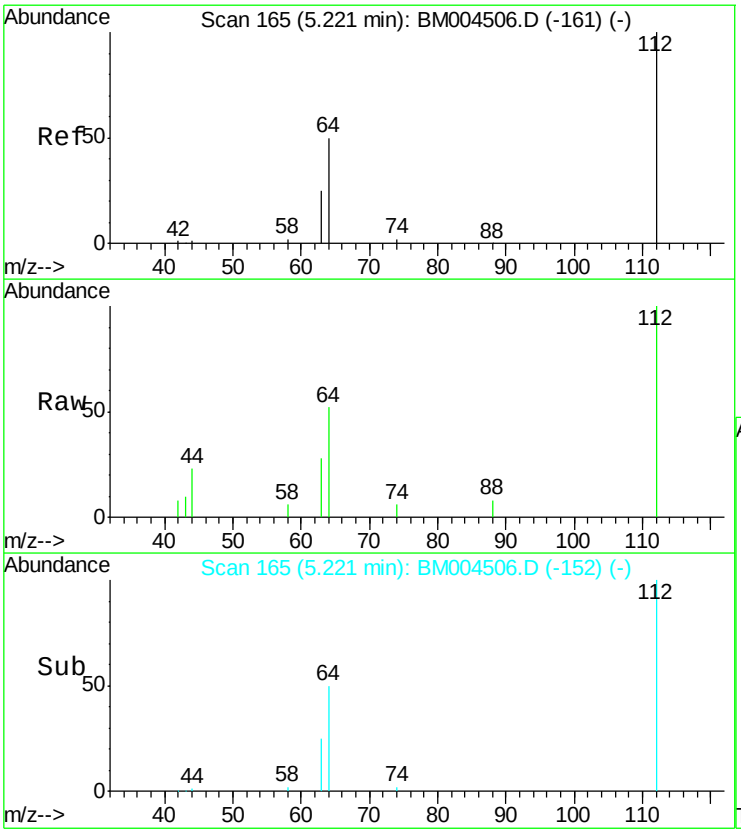
#3
n-Nitrosodimethylamine
Concen: 0.68 ng
RT: 3.43 min Scan# 49
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 1444

Ion	Ratio	Lower	Upper
42	100		
74	150.0	119.4	179.0
44	8.9	7.2	10.8

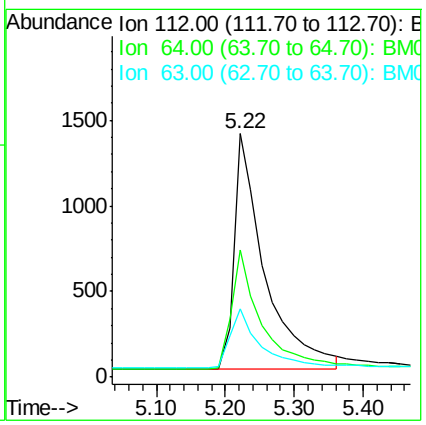


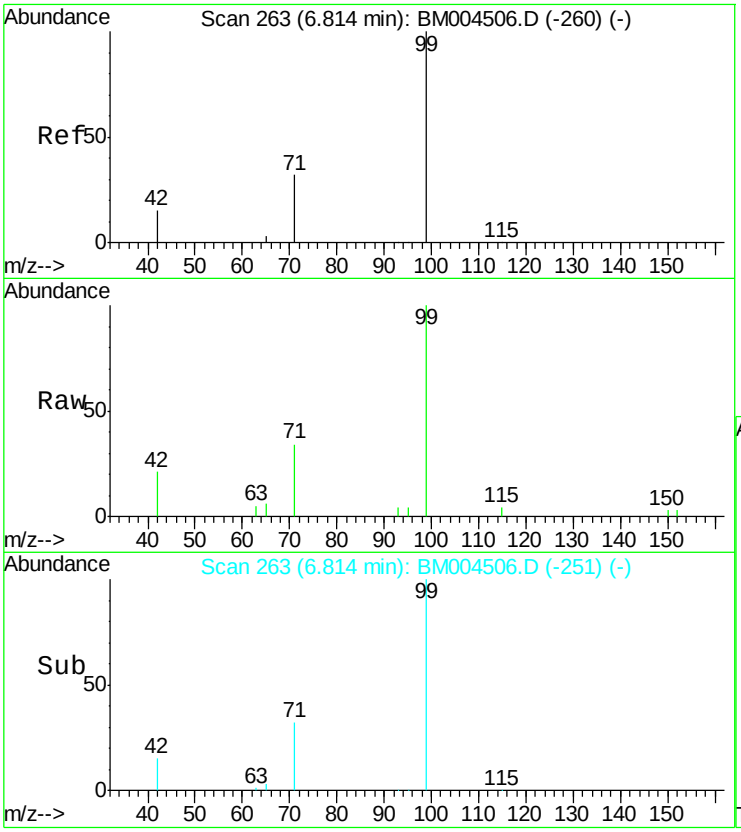


#4
2-Fluorophenol
Concen: 0.84 ng
RT: 5.22 min Scan# 165
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:112 Resp: 4202

Ion	Ratio	Lower	Upper
112	100		
64	48.8	36.5	54.7
63	25.0	18.6	28.0



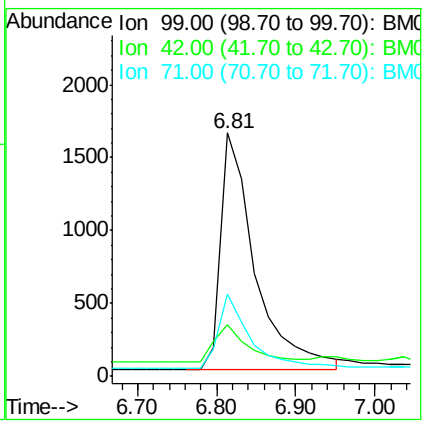


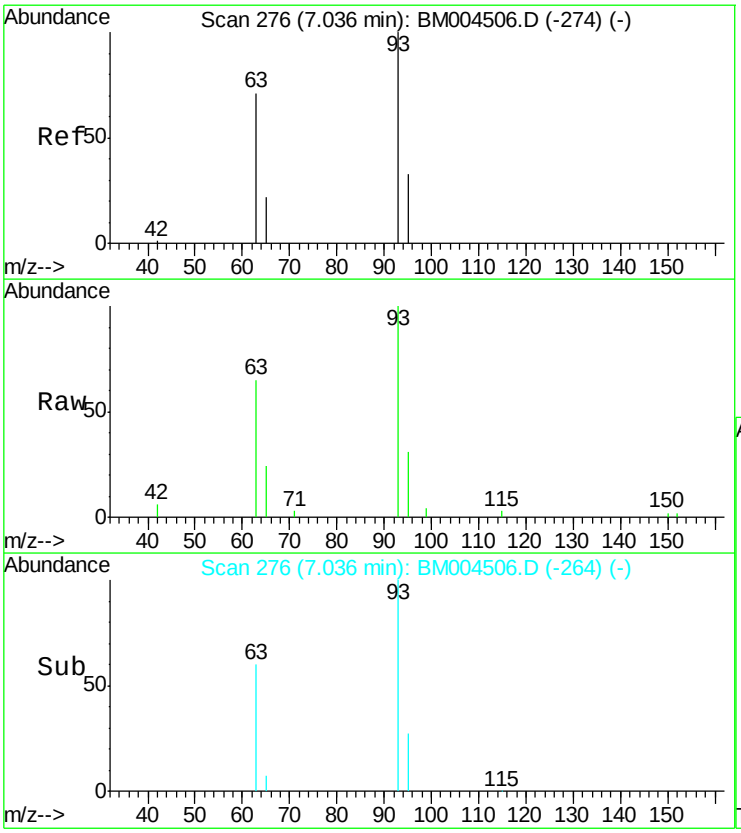
#5
Phenol-d6
Concen: 0.87 ng
RT: 6.81 min Scan# 263
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion: 99 Resp: 4883

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	29.4	23.5	35.3

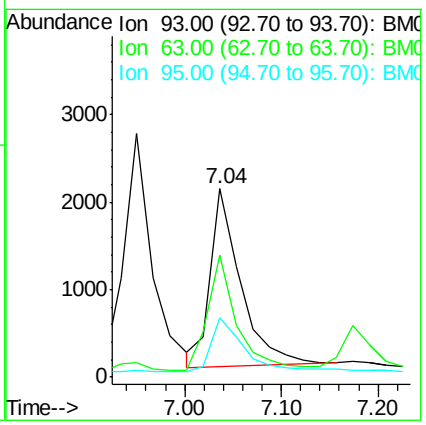


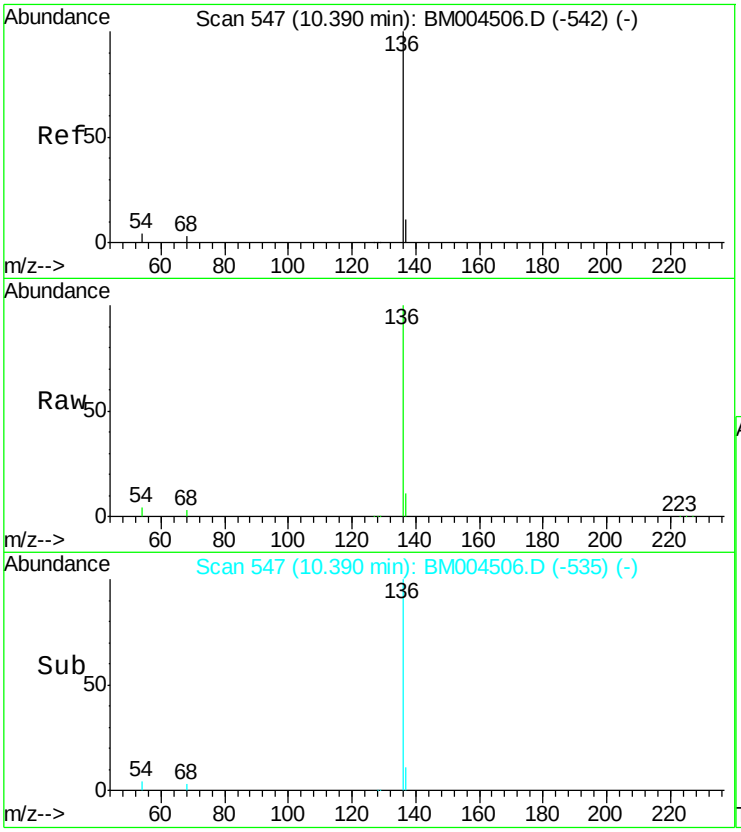


#6
bis(2-Chloroethyl)ether
Concen: 0.77 ng
RT: 7.04 min Scan# 276
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion: 93 Resp: 4477

Ion	Ratio	Lower	Upper
93	100		
63	62.5	50.0	75.0
95	32.7	25.3	37.9



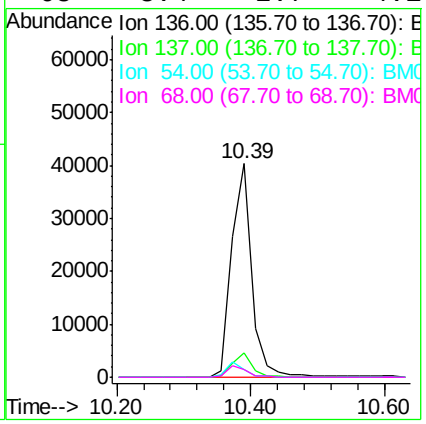


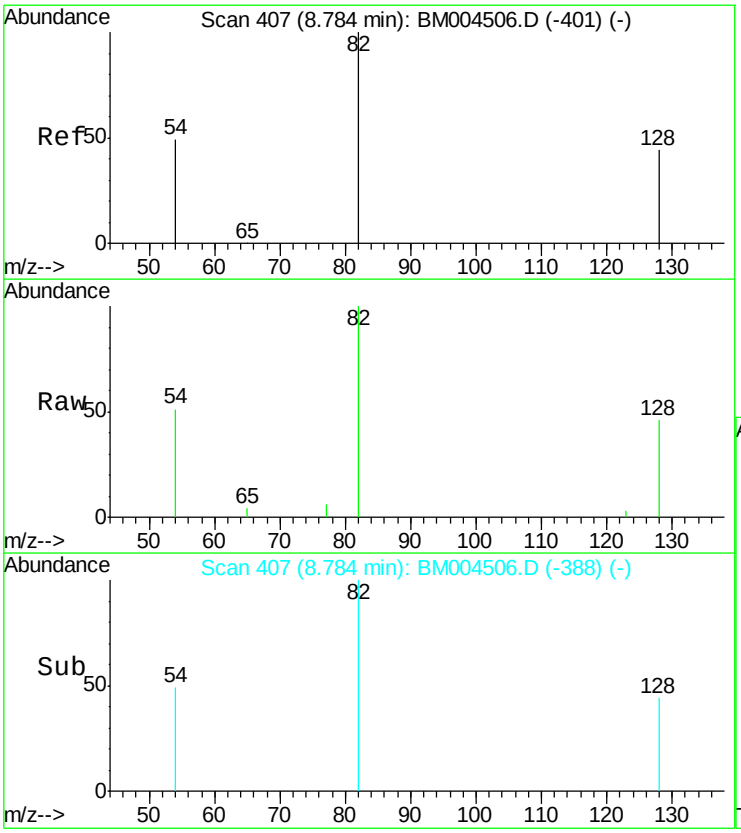
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:136 Resp: 84178

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	3.8	3.0	4.6
68	3.4	2.7	4.1

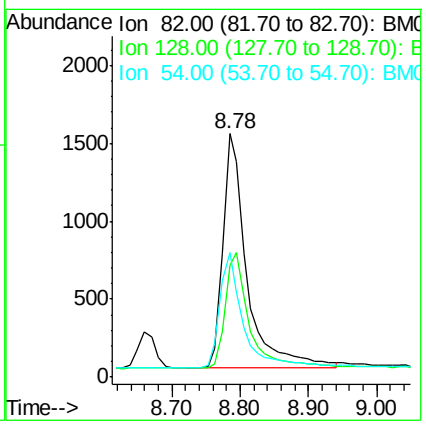


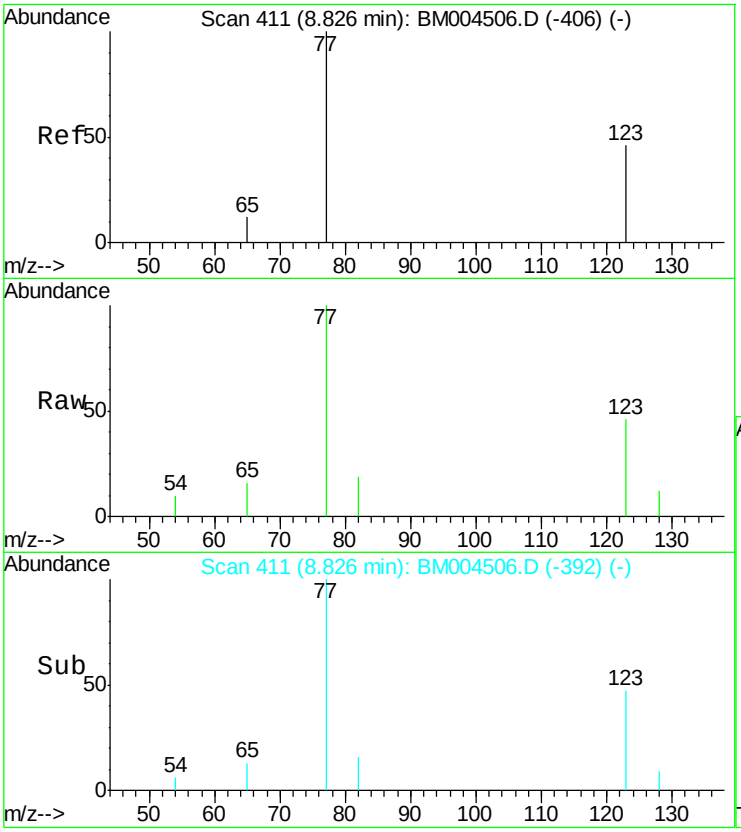


#8
Nitrobenzene-d5
Concen: 0.86 ng
RT: 8.78 min Scan# 407
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion: 82 Resp: 3638

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.6	55.0
54	51.3	41.0	61.6



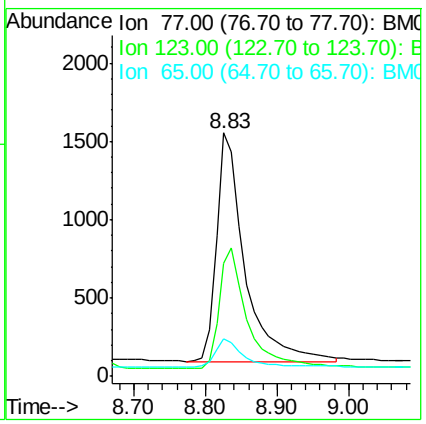


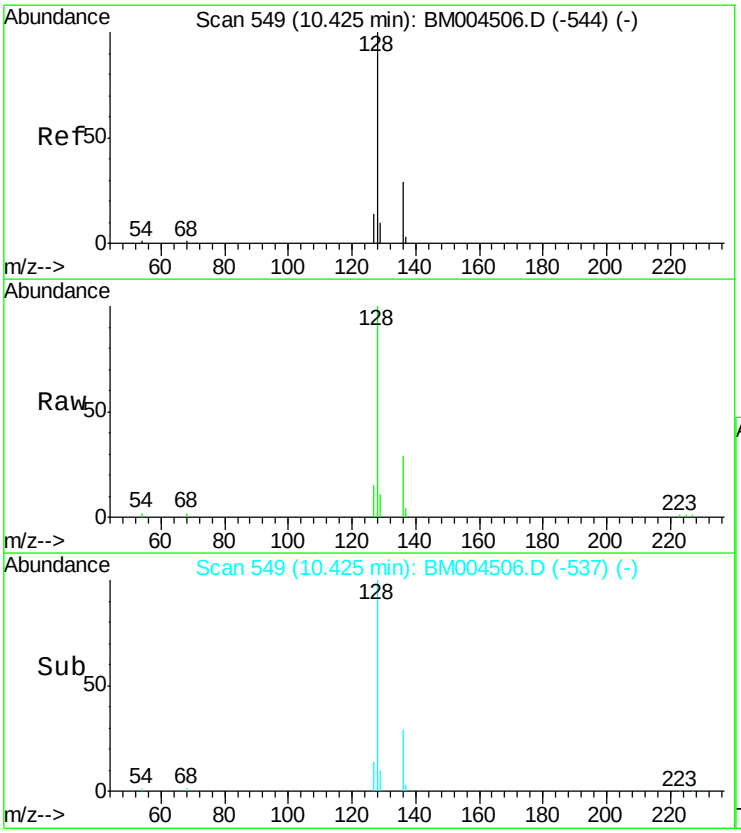
#9
Nitrobenzene
Concen: 0.71 ng
RT: 8.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion: 77 Resp: 4003

Ion	Ratio	Lower	Upper
77	100		
123	53.1	42.3	63.5
65	12.5	10.1	15.1

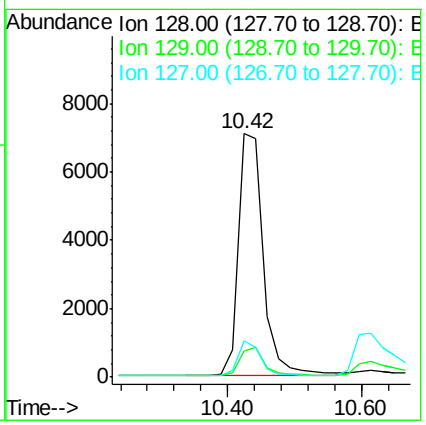


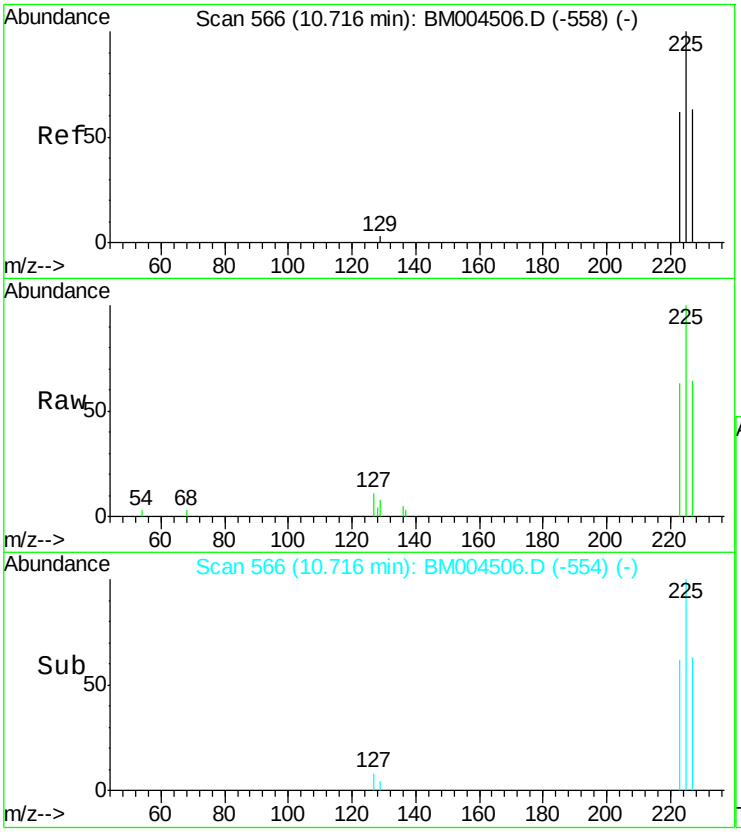


#10
Naphthalene
Concen: 0.70 ng
RT: 10.42 min Scan# 549
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:128 Resp: 17986

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	14.7	11.8	17.6



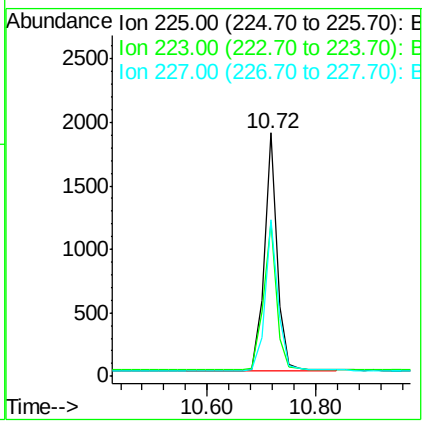


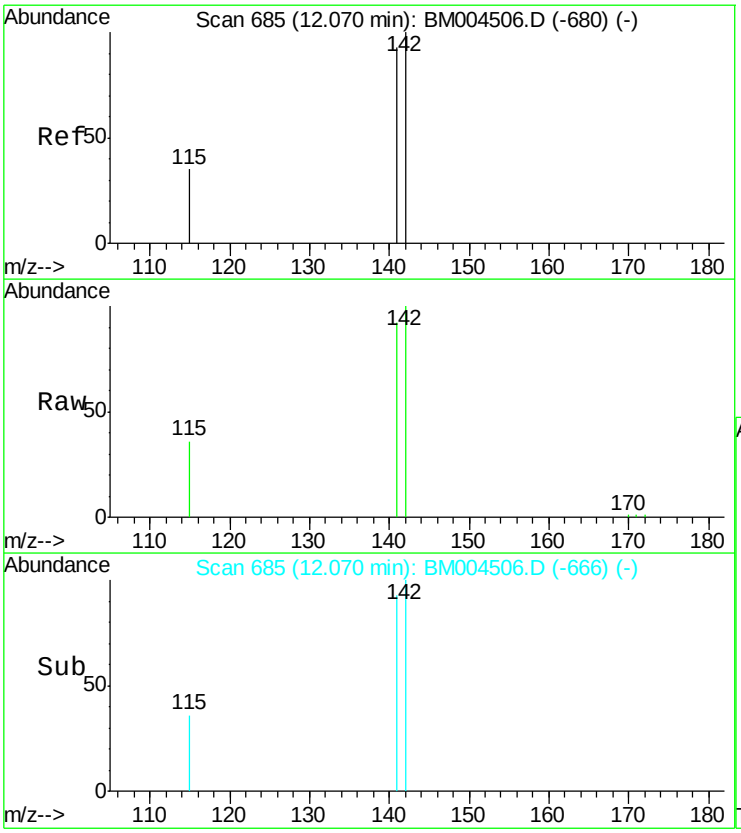
#11
Hexachlorobutadiene
Concen: 0.82 ng
RT: 10.72 min Scan# 566
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:225 Resp: 3111

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	64.2	51.4	77.2

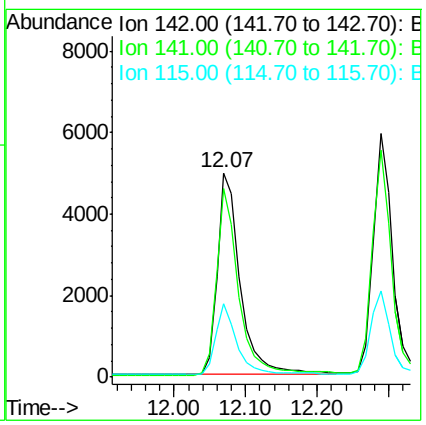


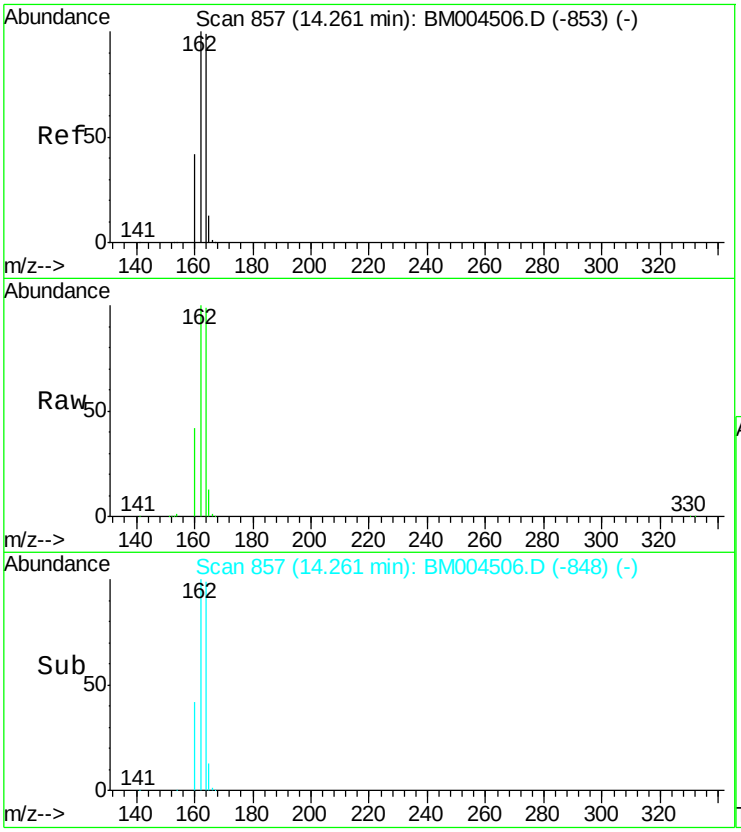


#12
2-Methylnaphthalene
Concen: 0.77 ng
RT: 12.07 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:142 Resp: 11029

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
115	36.0	28.8	43.2



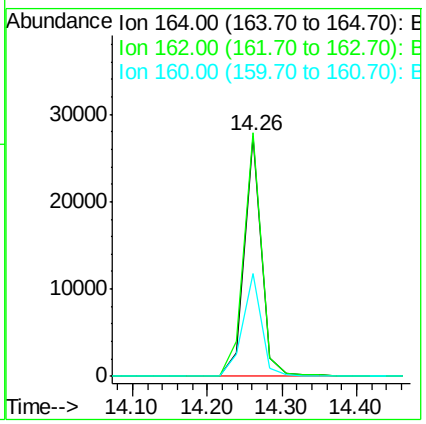


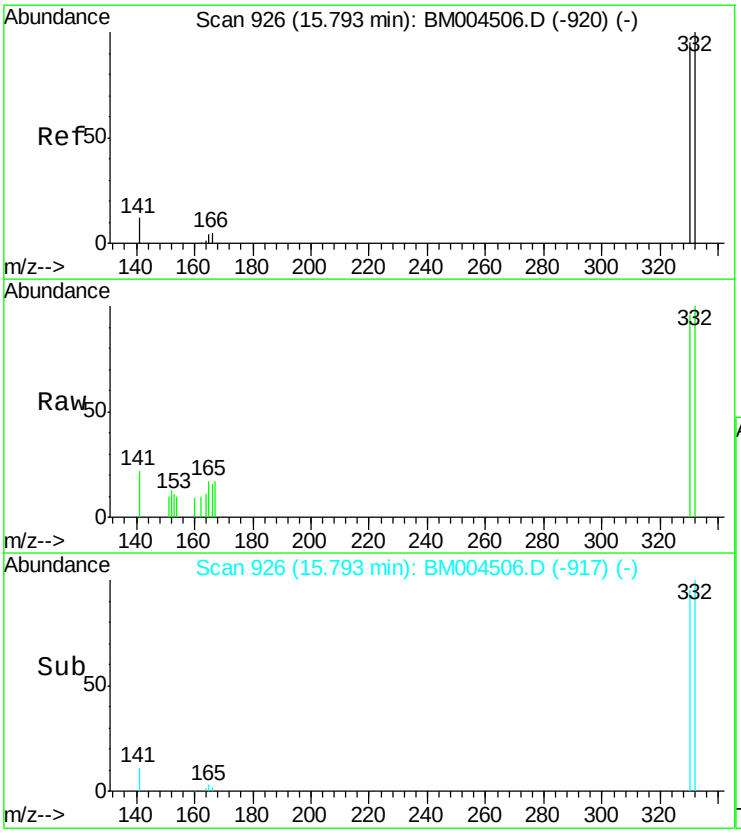
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:164 Resp: 43284

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.2	121.8
160	42.8	34.2	51.4

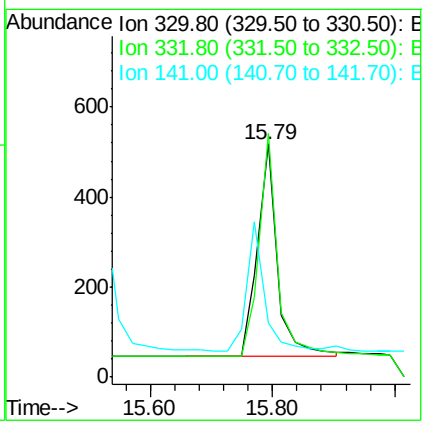


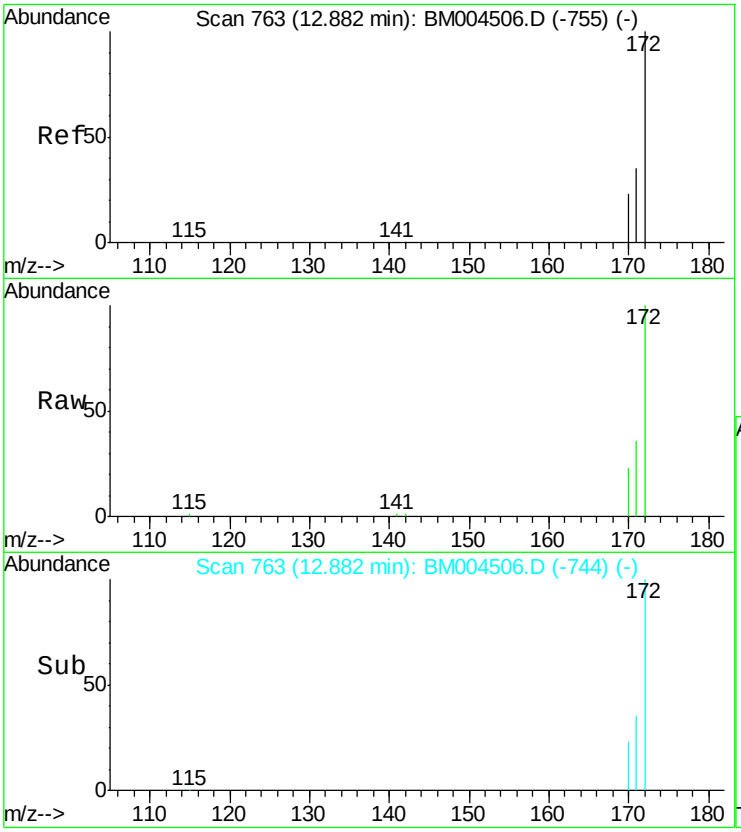


#14
2,4,6-Tribromophenol
Concen: 0.67 ng
RT: 15.79 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:330 Resp: 1077

Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.8	118.2
141	0.0	0.0	0.0



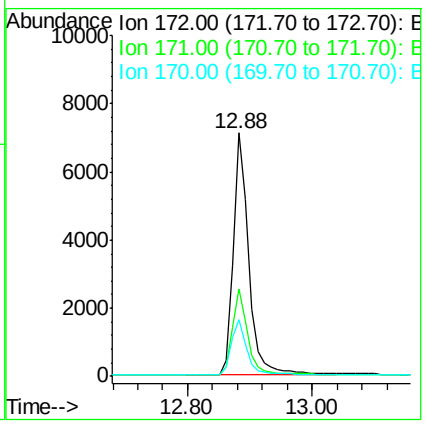


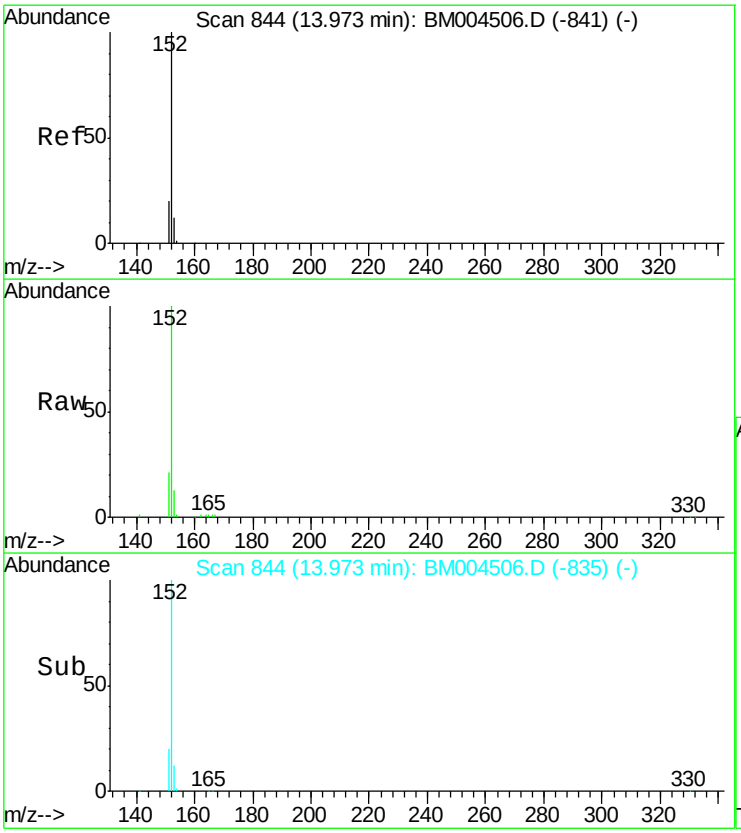
#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.88 min Scan# 763
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 12396

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.4	18.7	28.1

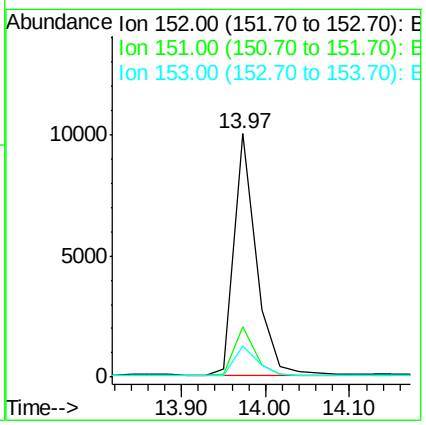


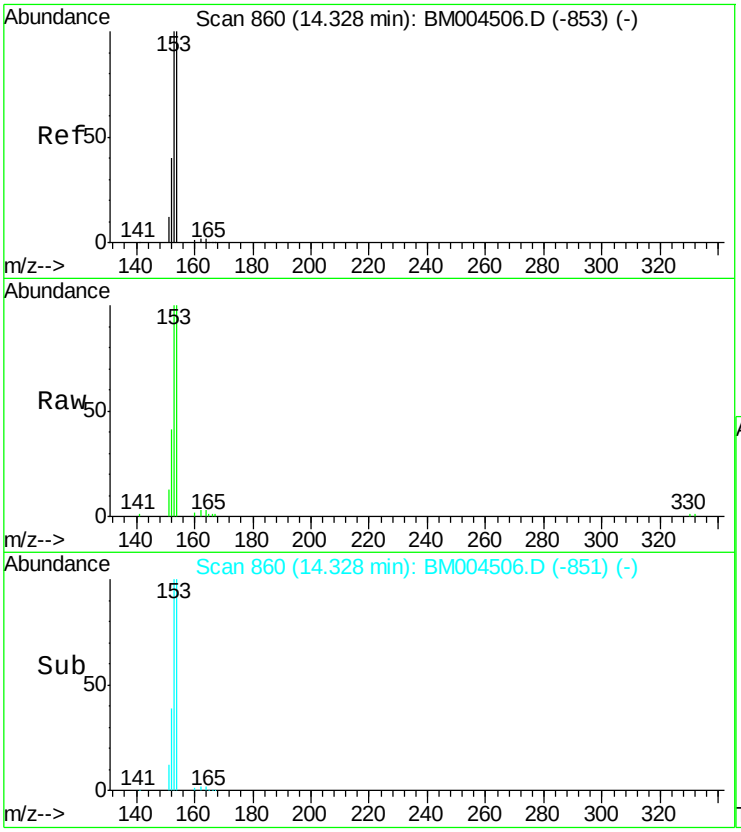


#16
Acenaphthylene
Concen: 0.75 ng
RT: 13.97 min Scan# 844
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:152 Resp: 17997

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	12.8	10.2	15.4



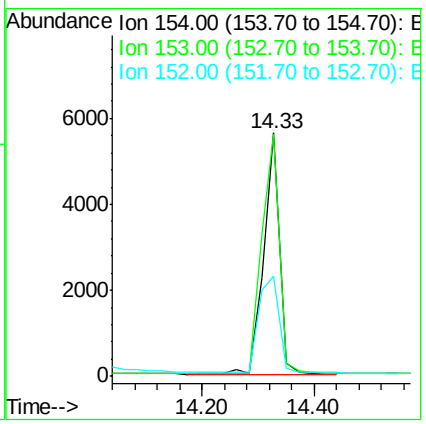


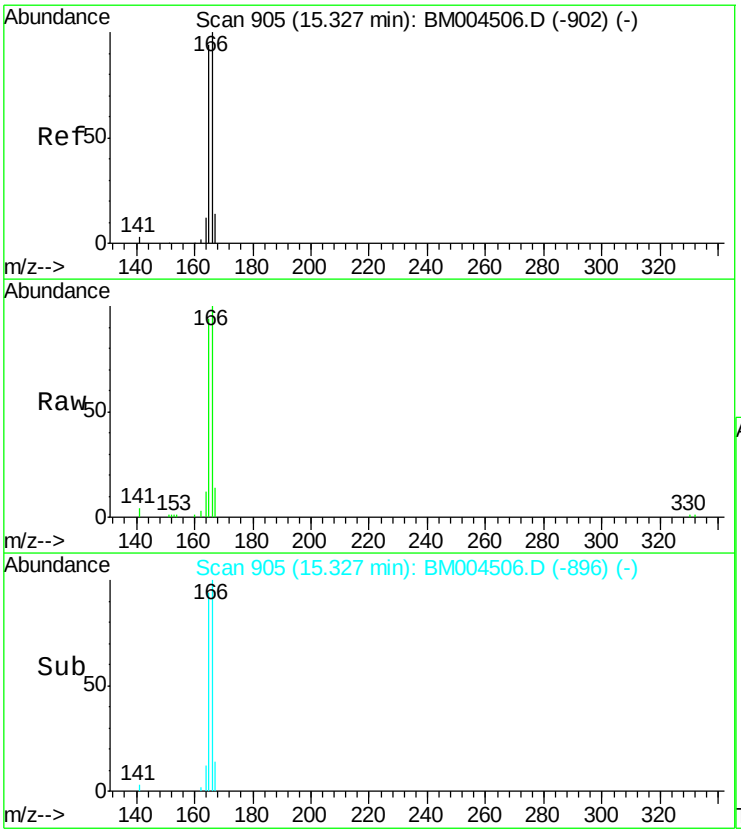
#17
Acenaphthene
Concen: 0.71 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:154 Resp: 11143

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.2	132.4
152	51.3	41.0	61.6

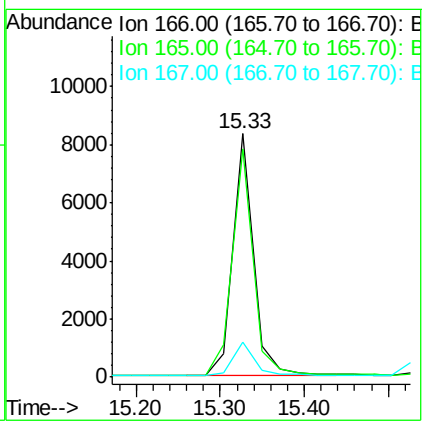


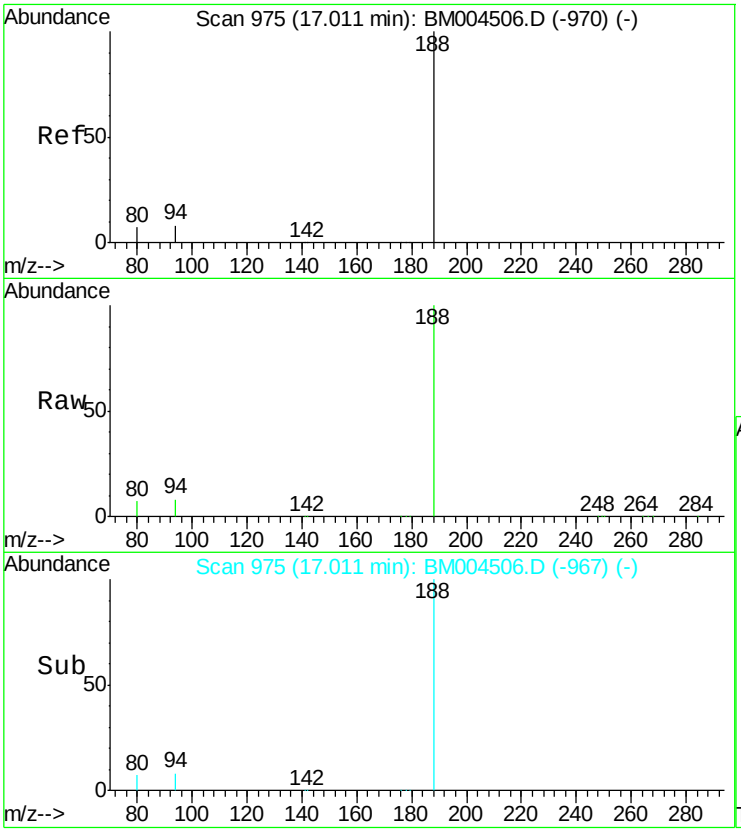


#18
Fluorene
Concen: 0.73 ng
RT: 15.33 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:166 Resp: 13997

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.0	115.6
167	13.6	10.9	16.3



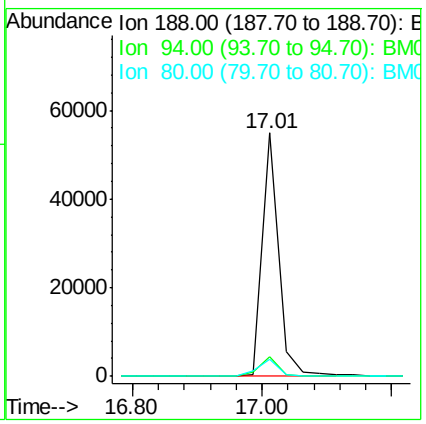


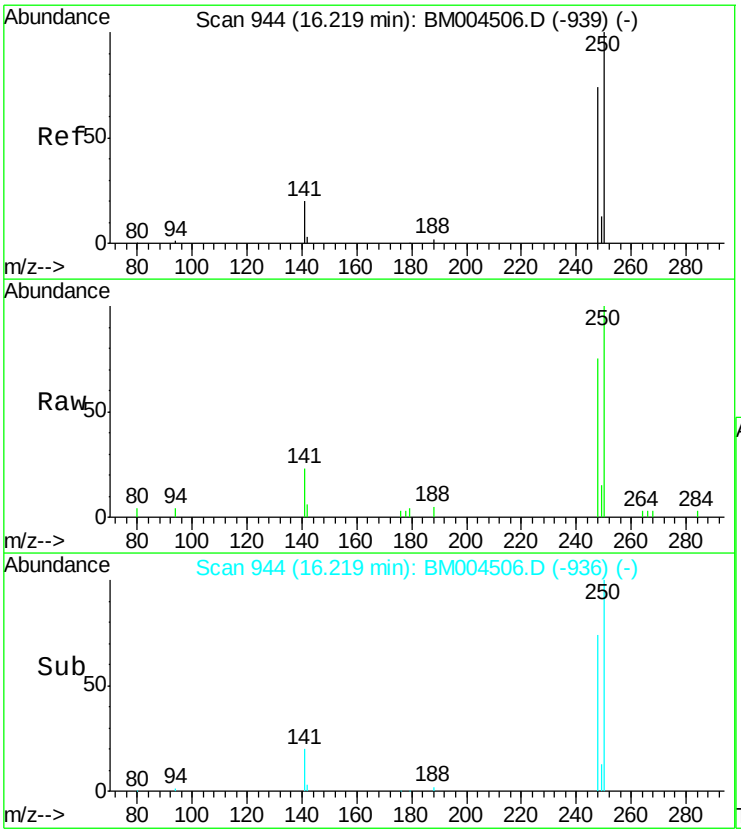
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:188 Resp: 96133

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	7.1	5.7	8.5

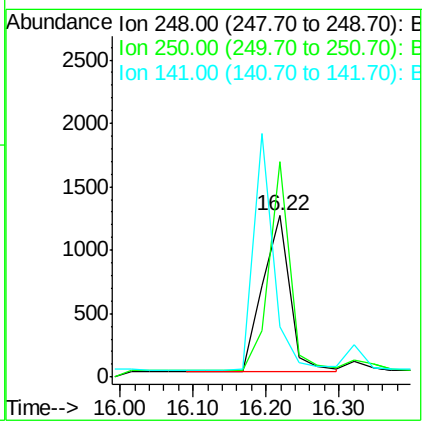


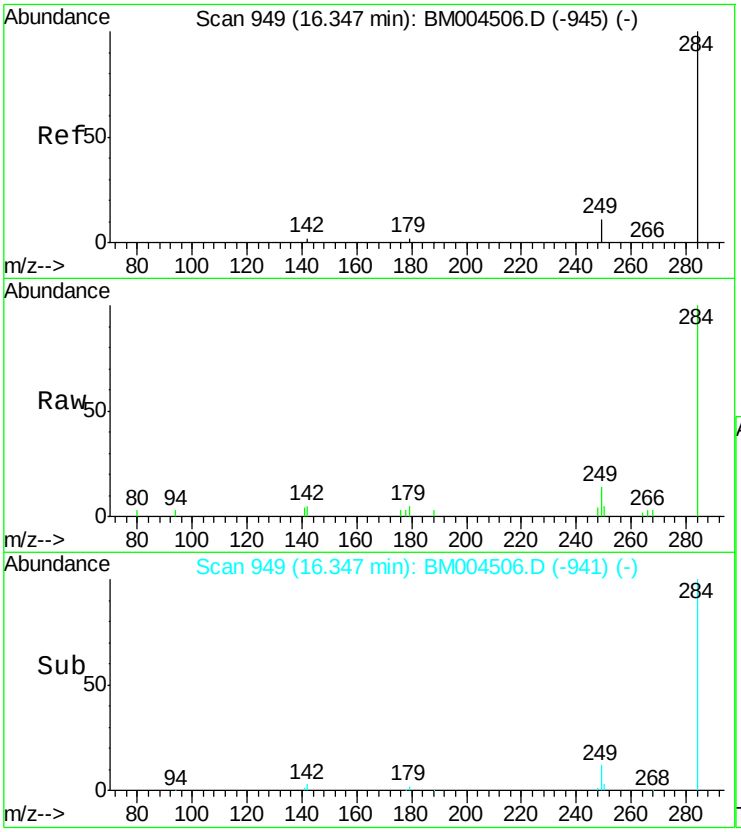


#20
4-Bromophenyl-phenylether
Concen: 0.61 ng
RT: 16.22 min Scan# 944
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:248 Resp: 3156

Ion	Ratio	Lower	Upper
248	100		
250	104.6	83.7	125.5
141	0.0	0.0	0.0



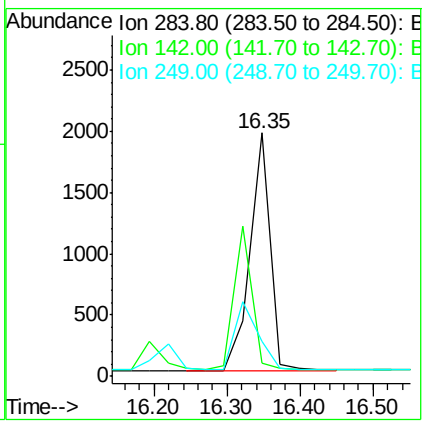


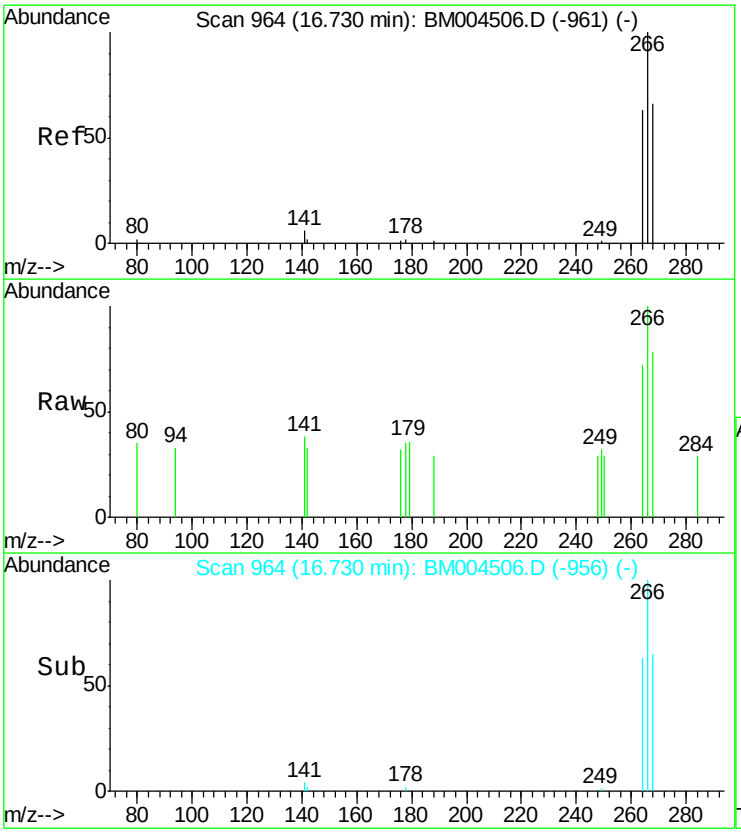
#21
Hexachlorobenzene
Concen: 0.64 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:284 Resp: 3717

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

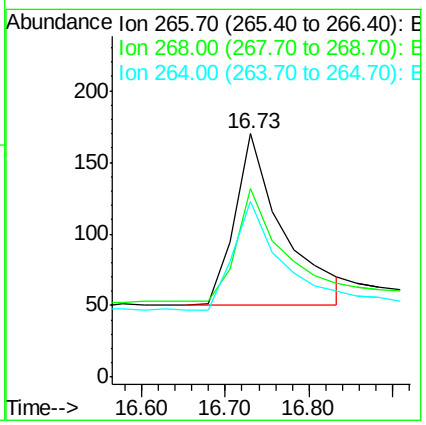


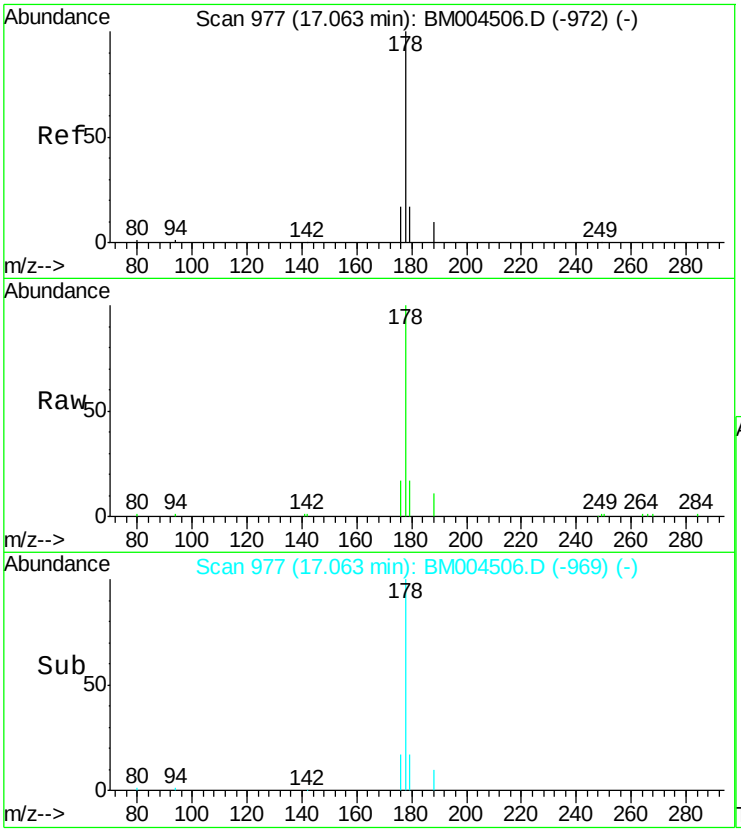


#22
Pentachlorophenol
Concen: 0.35 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:266 Resp: 488

Ion	Ratio	Lower	Upper
266	100		
268	77.6	62.1	93.1
264	72.4	57.9	86.9



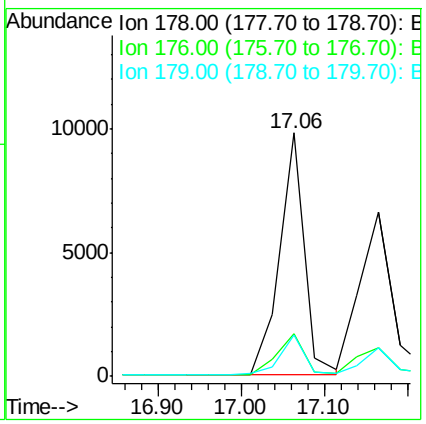


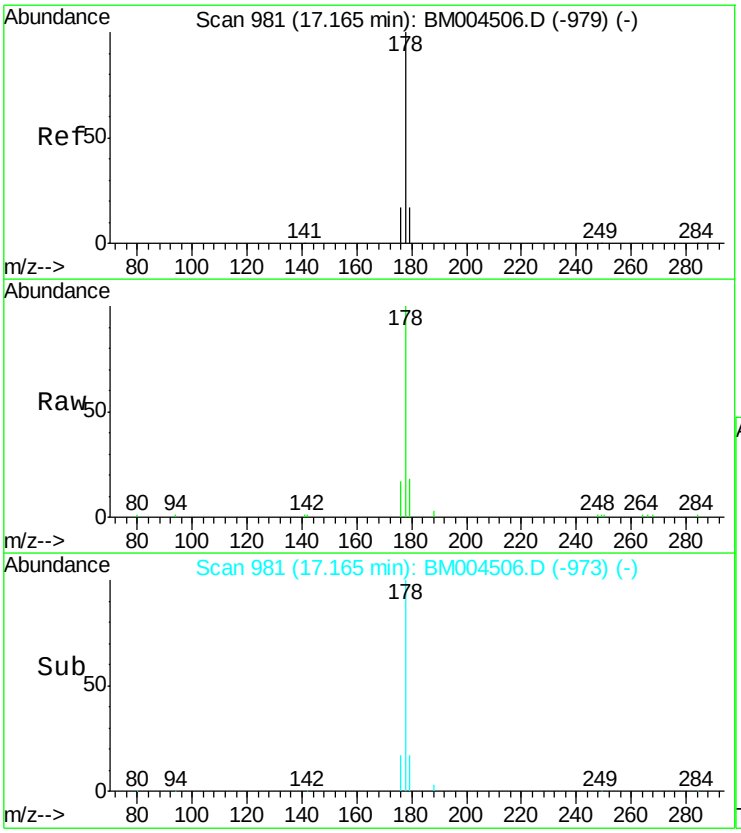
#23
Phenanthrene
Concen: 0.61 ng
RT: 17.06 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 20231

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.1	12.9	19.3

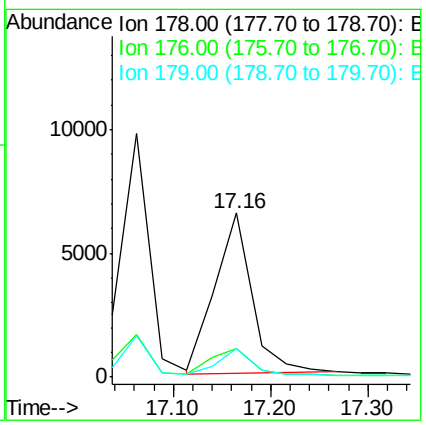


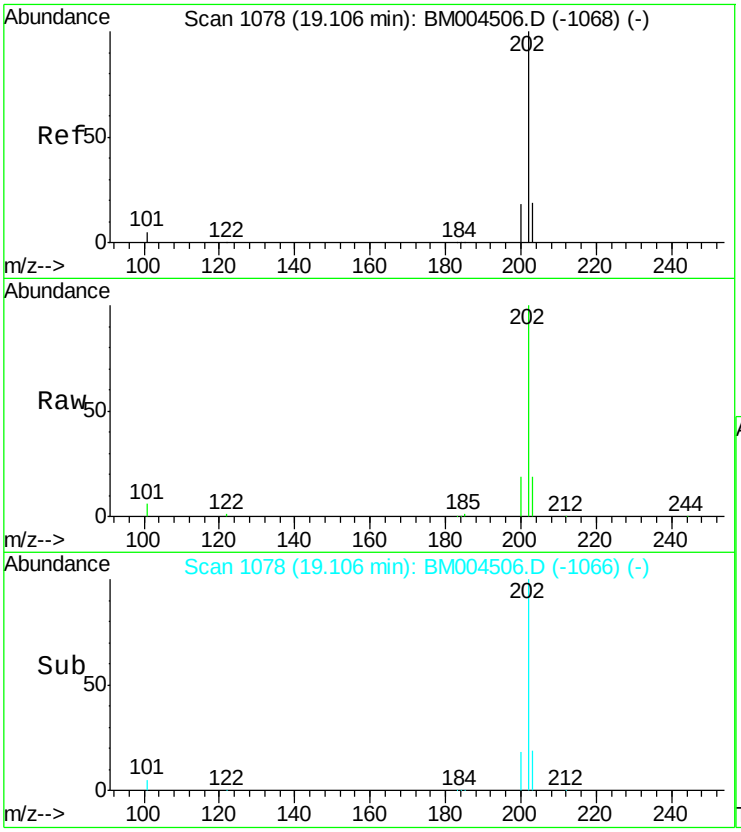


#24
Anthracene
Concen: 0.61 ng
RT: 17.16 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:178 Resp: 17037

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.7	19.1
179	15.0	10.4	15.6



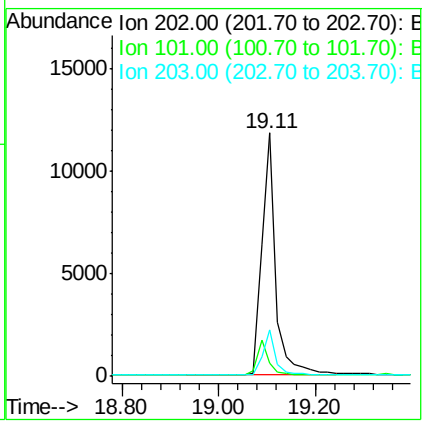


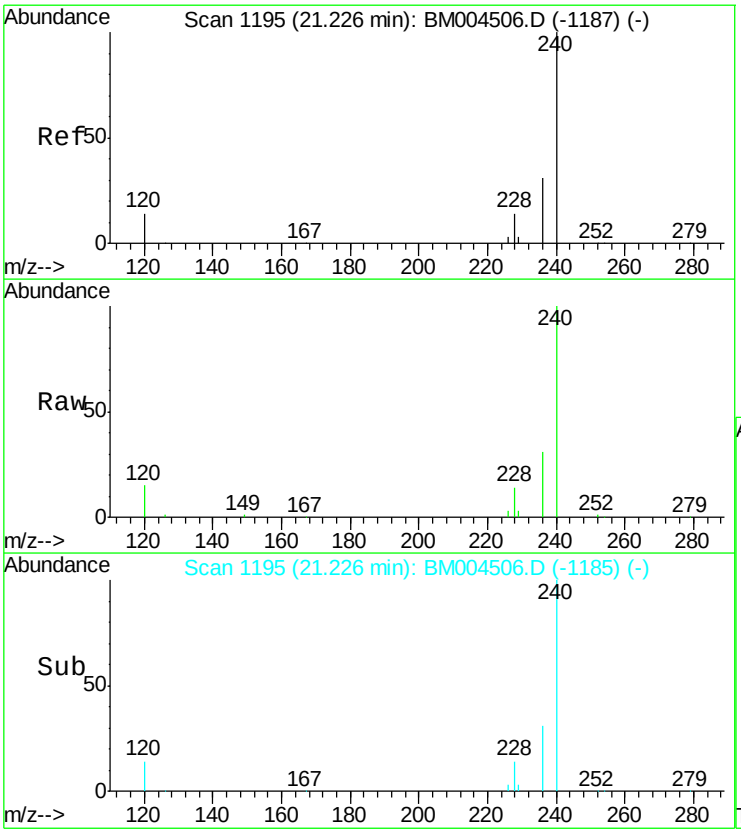
#25
Fluoranthene
Concen: 0.68 ng
RT: 19.11 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:202 Resp: 24126

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.9	14.9
203	17.3	13.8	20.8

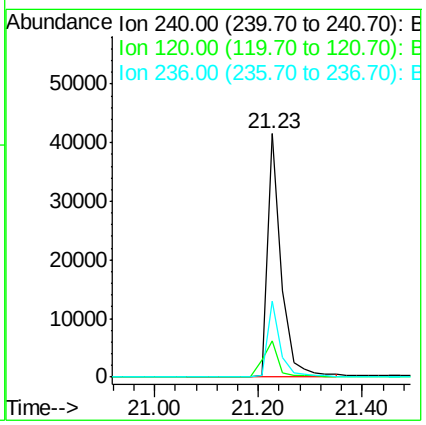


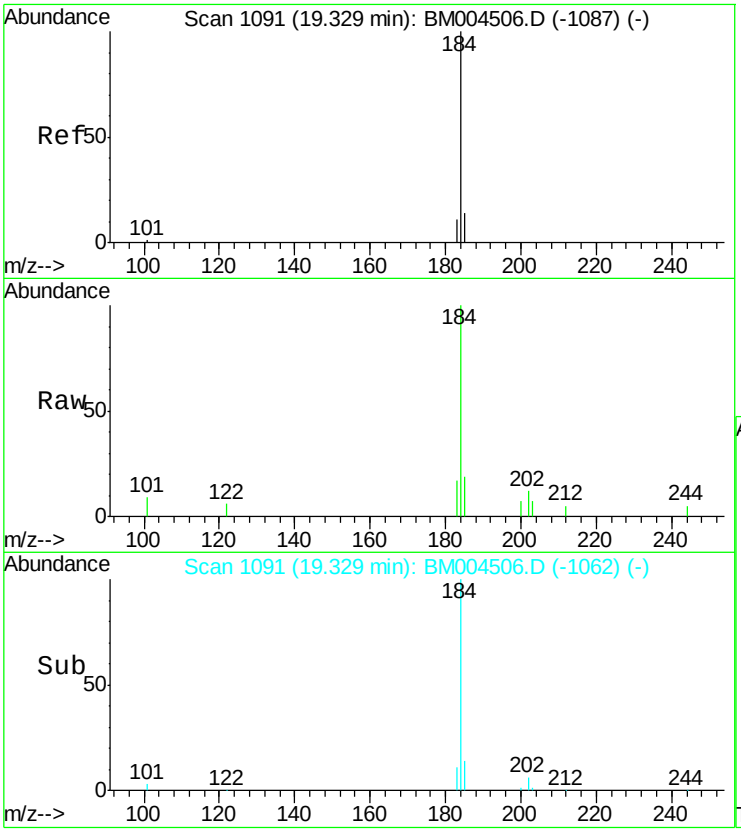


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:240 Resp: 76174

Ion	Ratio	Lower	Upper
240	100		
120	14.6	11.7	17.5
236	31.0	24.8	37.2



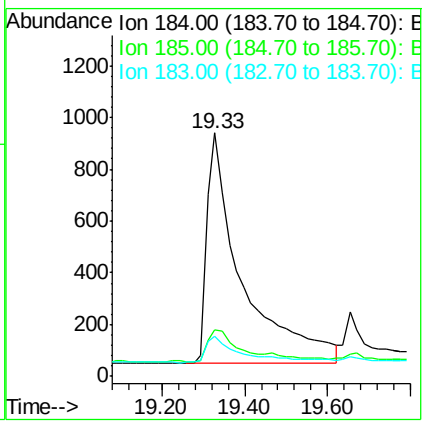


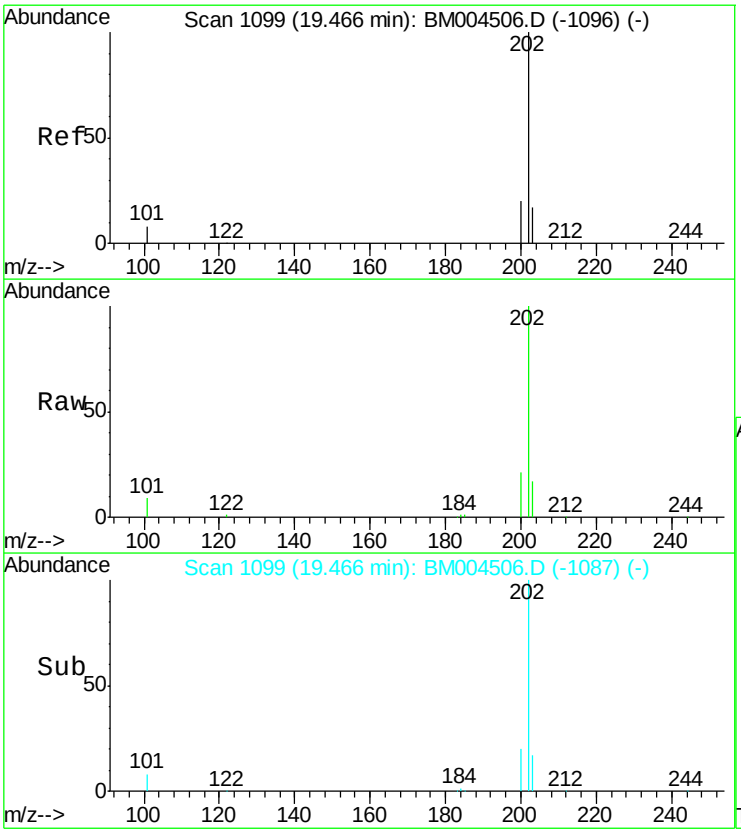
#27
Benzidine
Concen: 0.65 ng
RT: 19.33 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:184 Resp: 5179

Ion	Ratio	Lower	Upper
184	100		
185	19.2	15.4	23.0
183	16.6	13.3	19.9

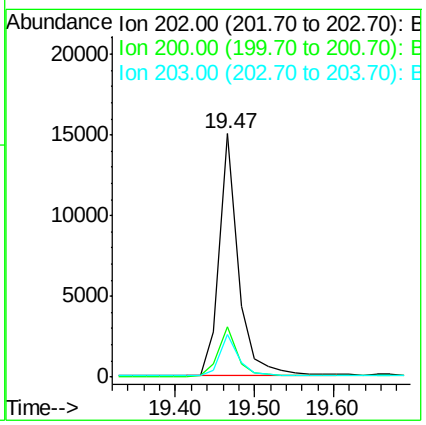


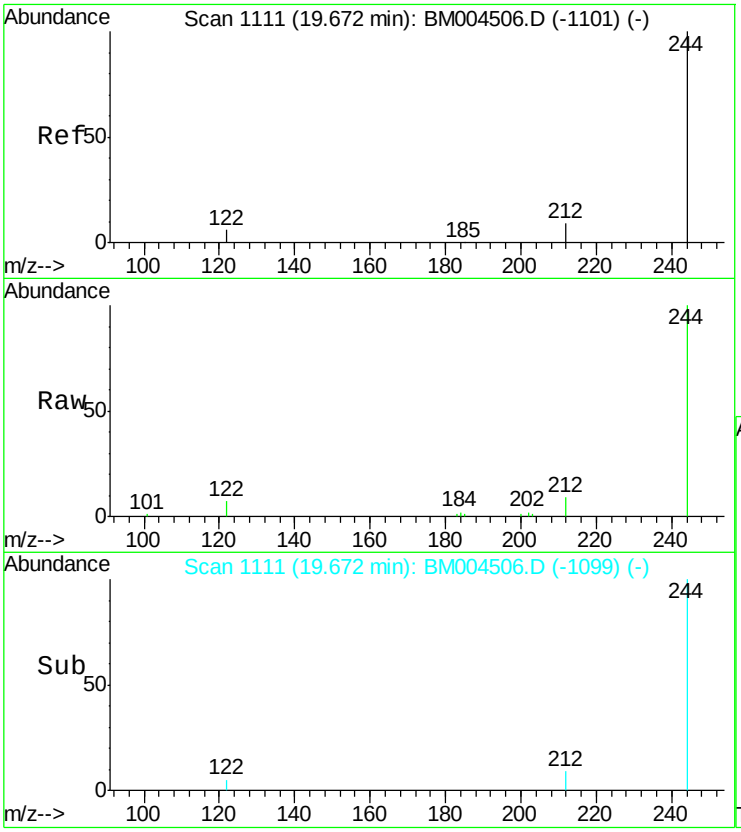


#28
Pyrene
Concen: 0.84 ng
RT: 19.47 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:202 Resp: 25118

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.3	13.8	20.8



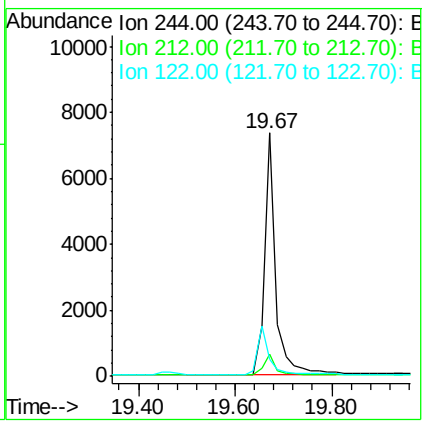


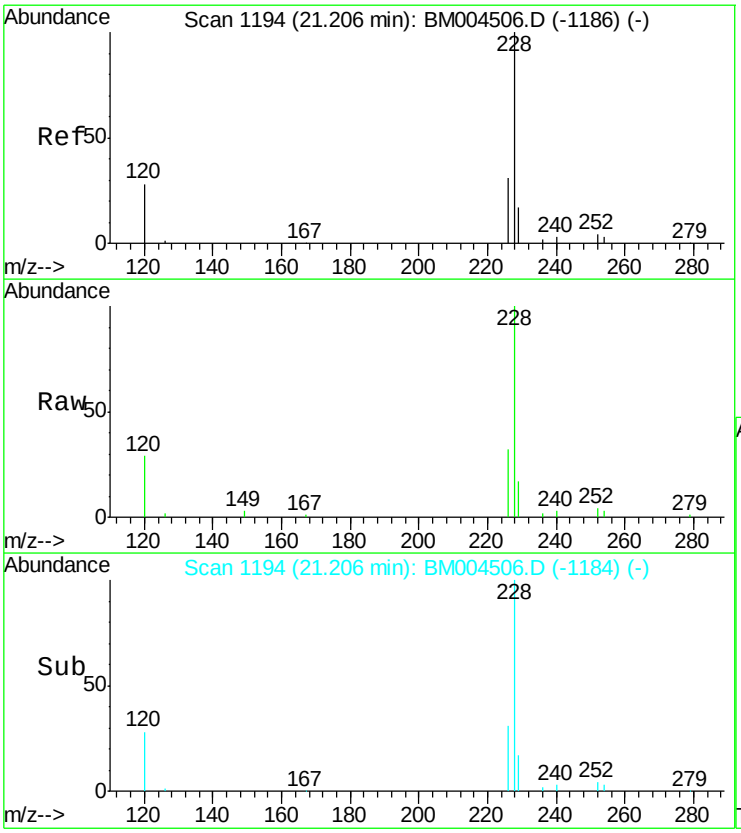
#29
Terphenyl-d14
Concen: 1.17 ng
RT: 19.67 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 12027

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.5	11.3
122	6.8	5.4	8.2

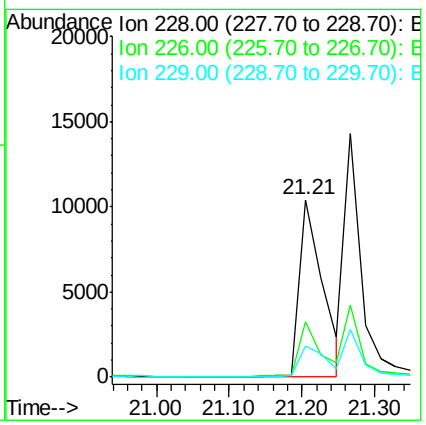


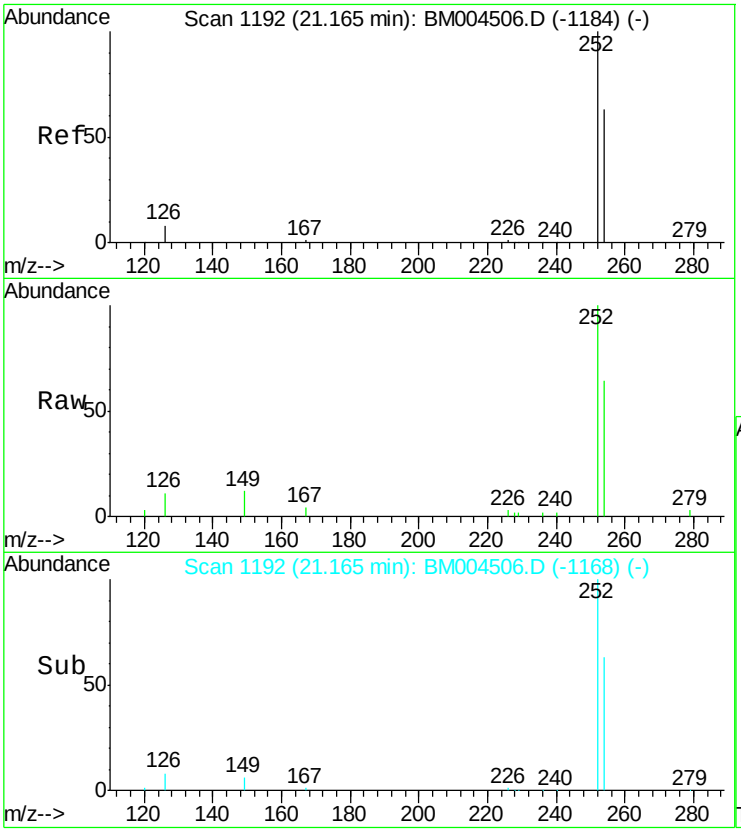


#30
Benzo(a)anthracene
Concen: 0.82 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:228 Resp: 22738

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	17.4	13.9	20.9



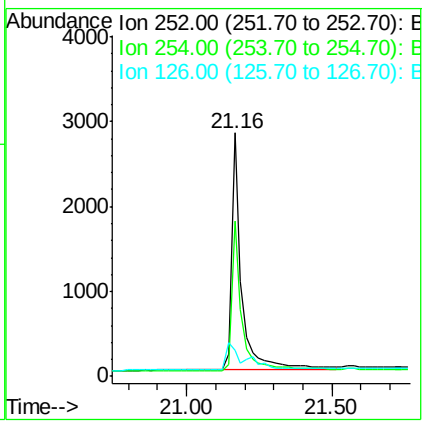


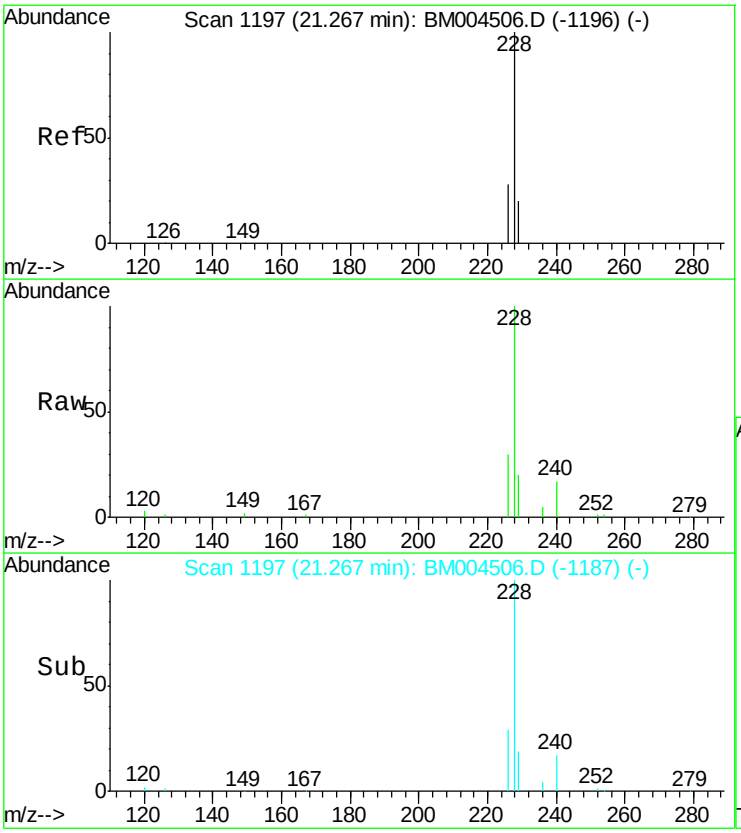
#31
3,3'-Dichlorobenzidine
Concen: 0.42 ng
RT: 21.16 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 6818

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.1	76.7
126	10.5	8.4	12.6

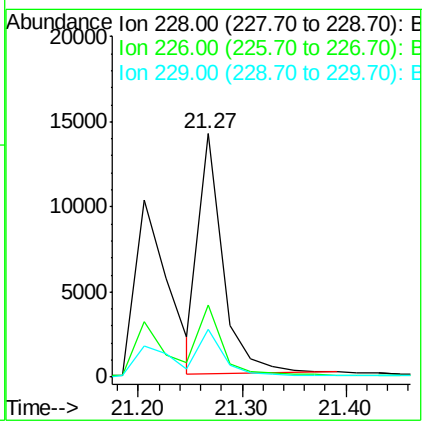


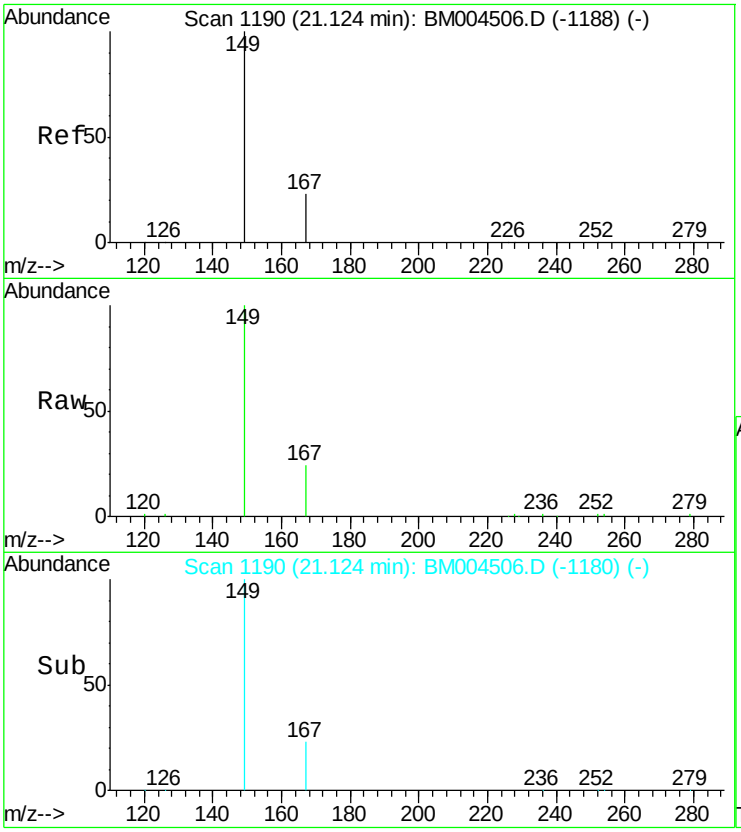


#32
Chrysene
Concen: 0.41 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:228 Resp: 22695

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	19.7	15.8	23.6



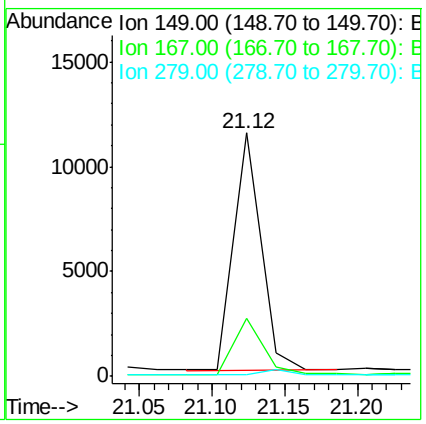


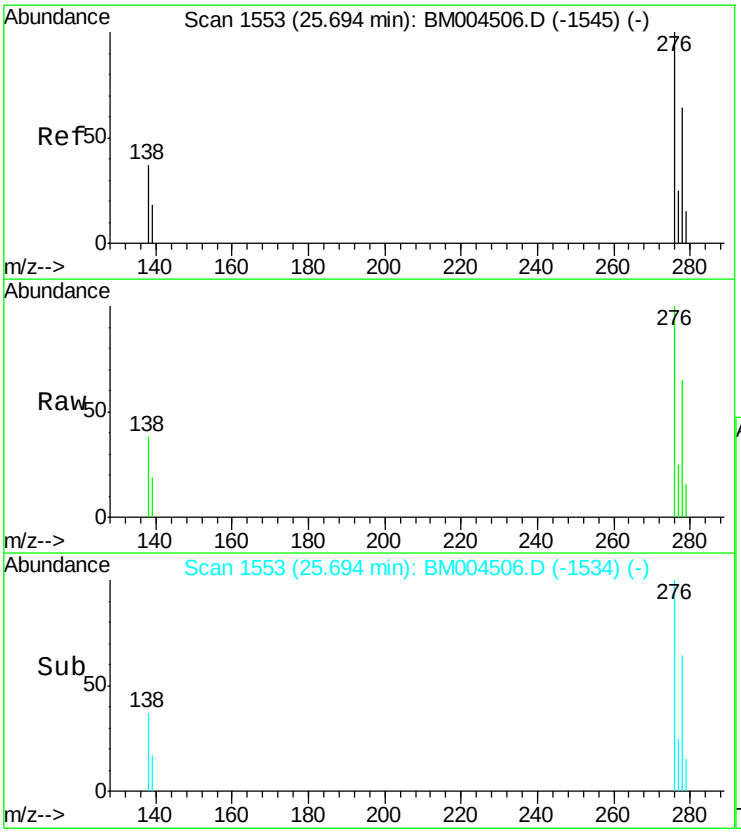
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.72 ng
RT: 21.12 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:149 Resp: 15096

Ion	Ratio	Lower	Upper
149	100		
167	24.9	19.9	29.9
279	0.0	0.0	0.0

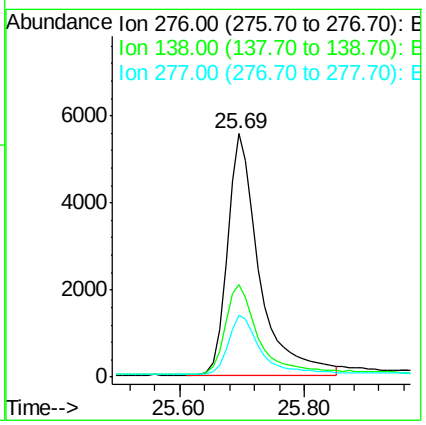


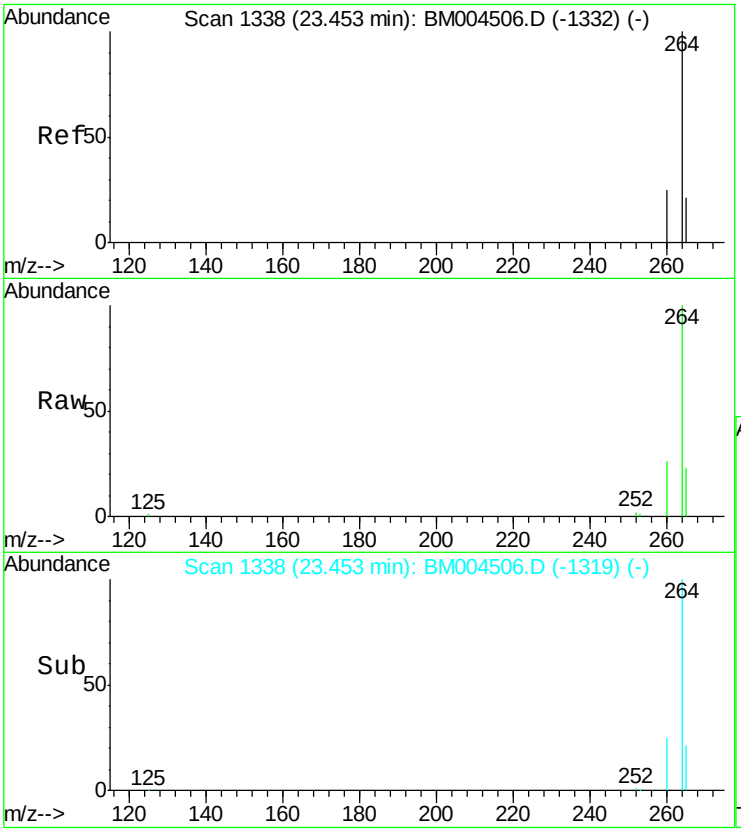


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.77 ng
RT: 25.69 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:276 Resp: 19780

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



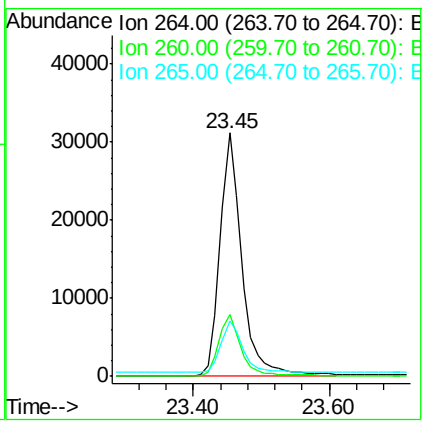


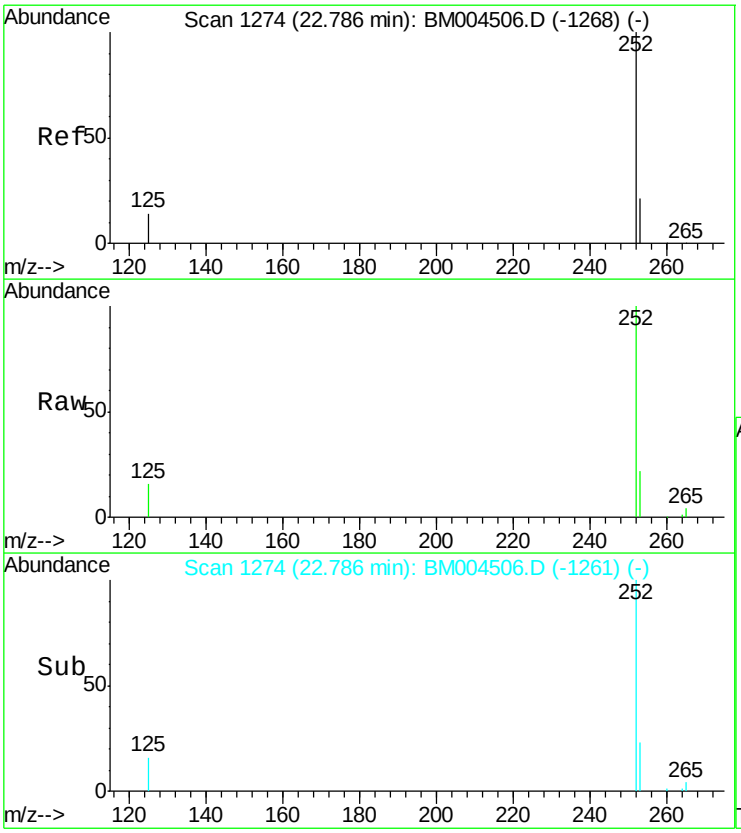
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:264 Resp: 69108

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	22.6	18.1	27.1

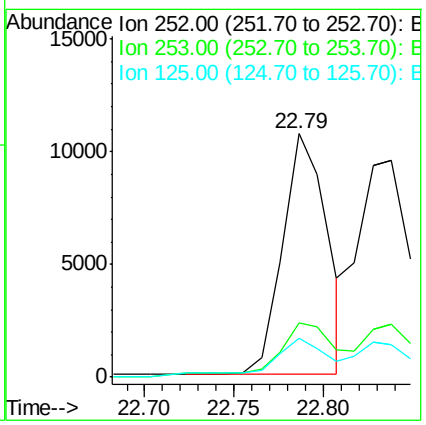


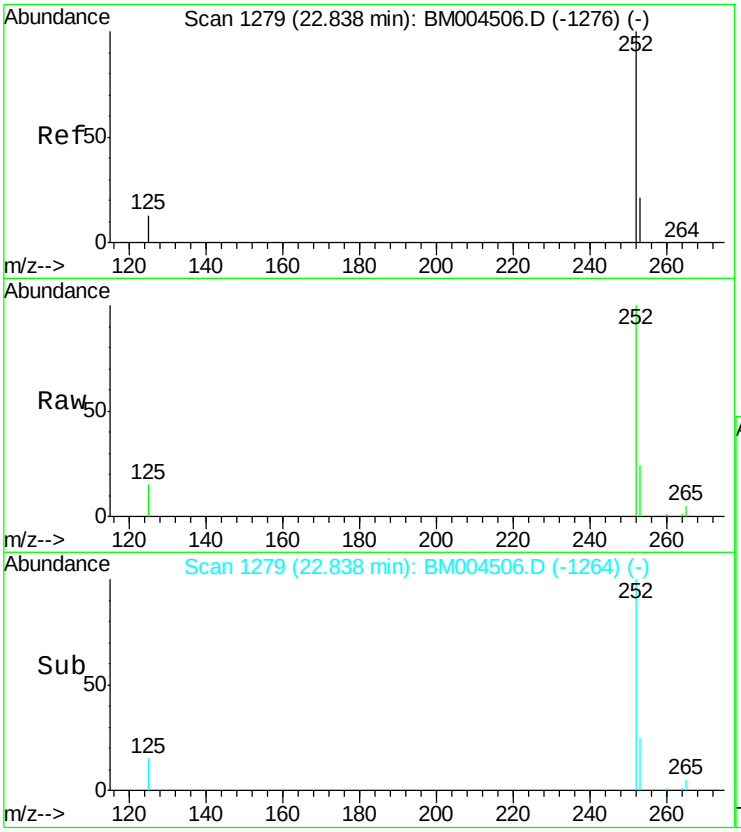


#36
Benzo(b)fluoranthene
Concen: 0.72 ng
RT: 22.79 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:252 Resp: 18524

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	16.0	12.8	19.2



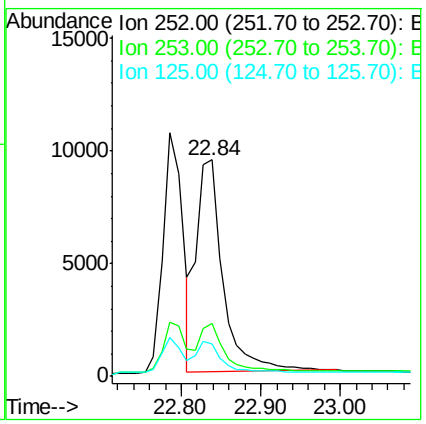


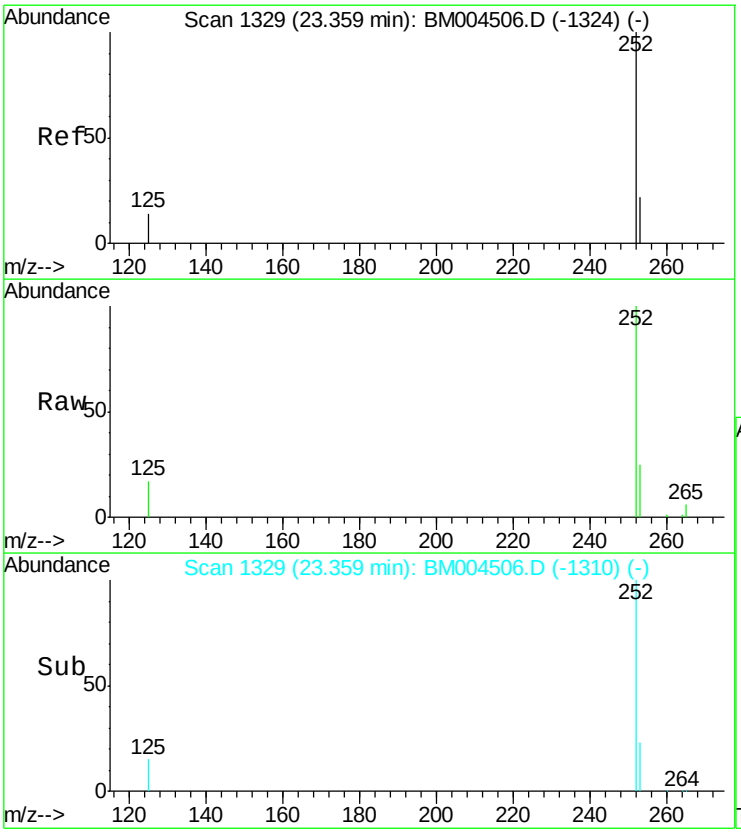
#37
Benzo(k)fluoranthene
Concen: 0.83 ng
RT: 22.84 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 21764

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.4	29.2
125	14.8	11.8	17.8

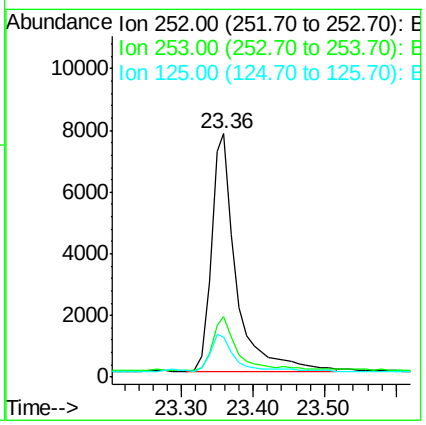


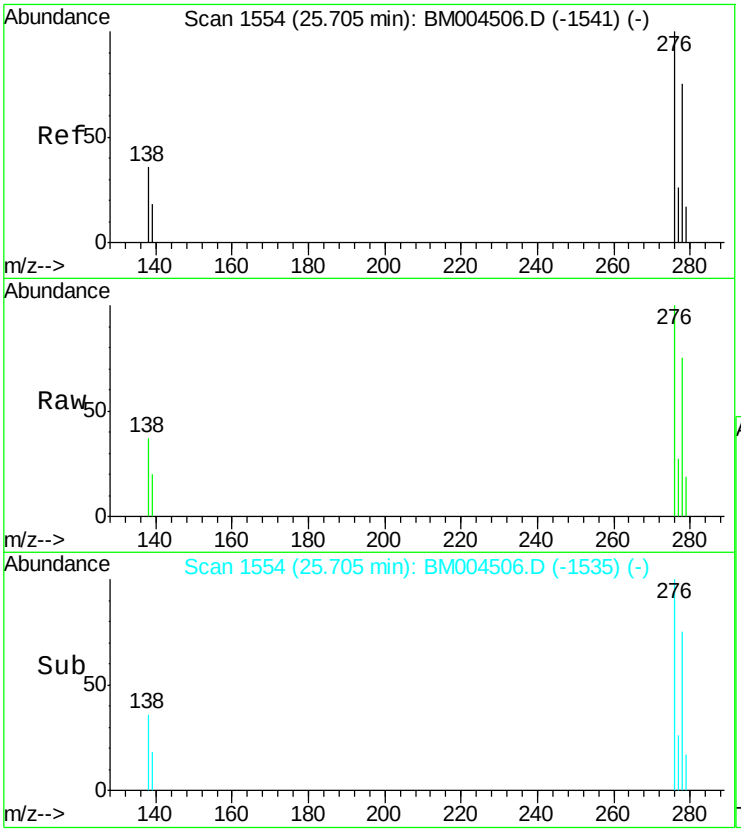


#38
Benzo(a)pyrene
Concen: 0.79 ng
RT: 23.36 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:252 Resp: 18802

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	16.7	13.4	20.0



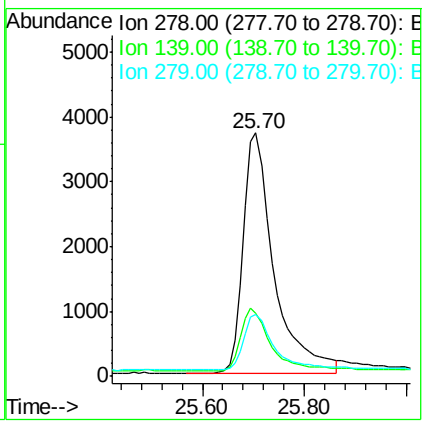


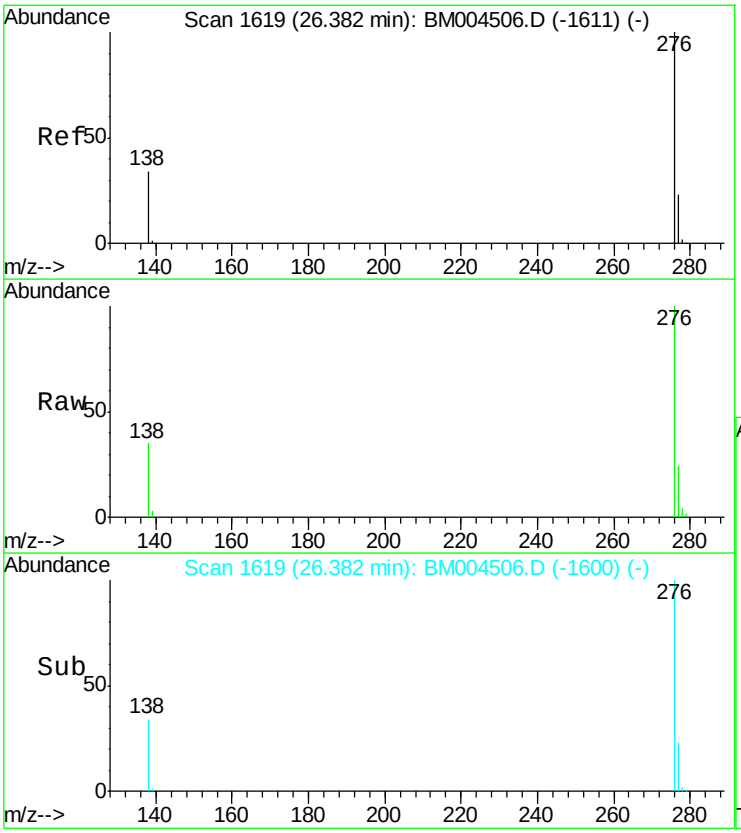
#39
Dibenzo(a,h)anthracene
Concen: 0.75 ng
RT: 25.70 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SSTDICCC001

Tgt Ion:278 Resp: 15503

Ion	Ratio	Lower	Upper
278	100		
139	26.1	20.9	31.3
279	25.5	20.4	30.6





#40
Benzo(g,h,i)perylene
Concen: 0.77 ng
RT: 26.38 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM004506.D
Acq: 02 Mar 2016 00:07

Tgt Ion:276 Resp: 17529

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	35.2	28.2	42.2