Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004513.D
Acq On : 02 Mar 2016 10:46
Operator : SJ/UM
Sample : PB88423BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB88423BL

Quant Time: Mar 02 15:22:13 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 14:46:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20922	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	75030	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	36913	5.00	ng		0.00
19) Phenanthrene-d10	17.03	188	71559	5.00	ng		0.02
26) Chrysene-d12	21.23	240	82273	5.00	ng		0.00
35) Perylene-d12	23.46	264	74513	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	32856	7.51	ng		-0.03
5) Phenol-d6	6.80	99	37373	6.46	ng		-0.03
8) Nitrobenzene-d5	8.79	82	13340	3.38	ng		0.00
14) 2,4,6-Tribromophenol	15.79	330	6873	5.14	ng		0.00
15) 2-Fluorobiphenyl	12.89	172	48284	4.20	ng		0.00
29) Terphenyl-d14	19.68	244	41593	3.37	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.51	42	6	0.00	ng	#	27
6) bis(2-Chloroethyl)ether	7.02	93	9	0.09	ng	#	26
9) Nitrobenzene	8.79	77	39	0.19	ng	#	22
10) Naphthalene	10.44	128	57	0.00	ng	#	1
12) 2-Methylnaphthalene	12.14	142	19	0.00	ng	#	49
16) Acenaphthylene	13.99	152	12	0.10	ng	#	72
17) Acenaphthene	14.26	154	168	Below Cal		#	14
18) Fluorene	15.37	166	11	Below Cal		#	29
21) Hexachlorobenzene	16.37	284	11	Below Cal		#	100
23) Phenanthrene	17.06	178	167	Below Cal		#	76
24) Anthracene	17.21	178	51	0.18	ng	#	93
25) Fluoranthene	19.13	202	790	Below Cal			96
27) Benzidine	19.66	184	927	0.43	ng	#	88
28) Pyrene	19.49	202	663	Below Cal			95
30) Benzo(a)anthracene	21.28	228	2709	0.14	ng	#	91
31) 3,3'-Dichlorobenzidine	21.15	252	9	0.00	ng	#	39
32) Chrysene	21.28	228	2905	Below Cal		#	89
33) Bis(2-ethylhexyl)phthalate	21.13	149	396	0.13	ng	#	83
34) Indeno(1,2,3-cd)pyrene	25.81	276	65	0.00	ng	#	91
36) Benzo(b)fluoranthene	22.82	252	781	Below Cal		#	28
37) Benzo(k)fluoranthene	22.82	252	781	Below Cal		#	28
38) Benzo(a)pyrene	23.37	252	191	0.01	ng	#	1
39) Dibenzo(a,h)anthracene	25.81	278	43	0.00	ng	#	1
40) Benzo(g,h,i)perylene	26.48	276	51	0.00	ng	#	1

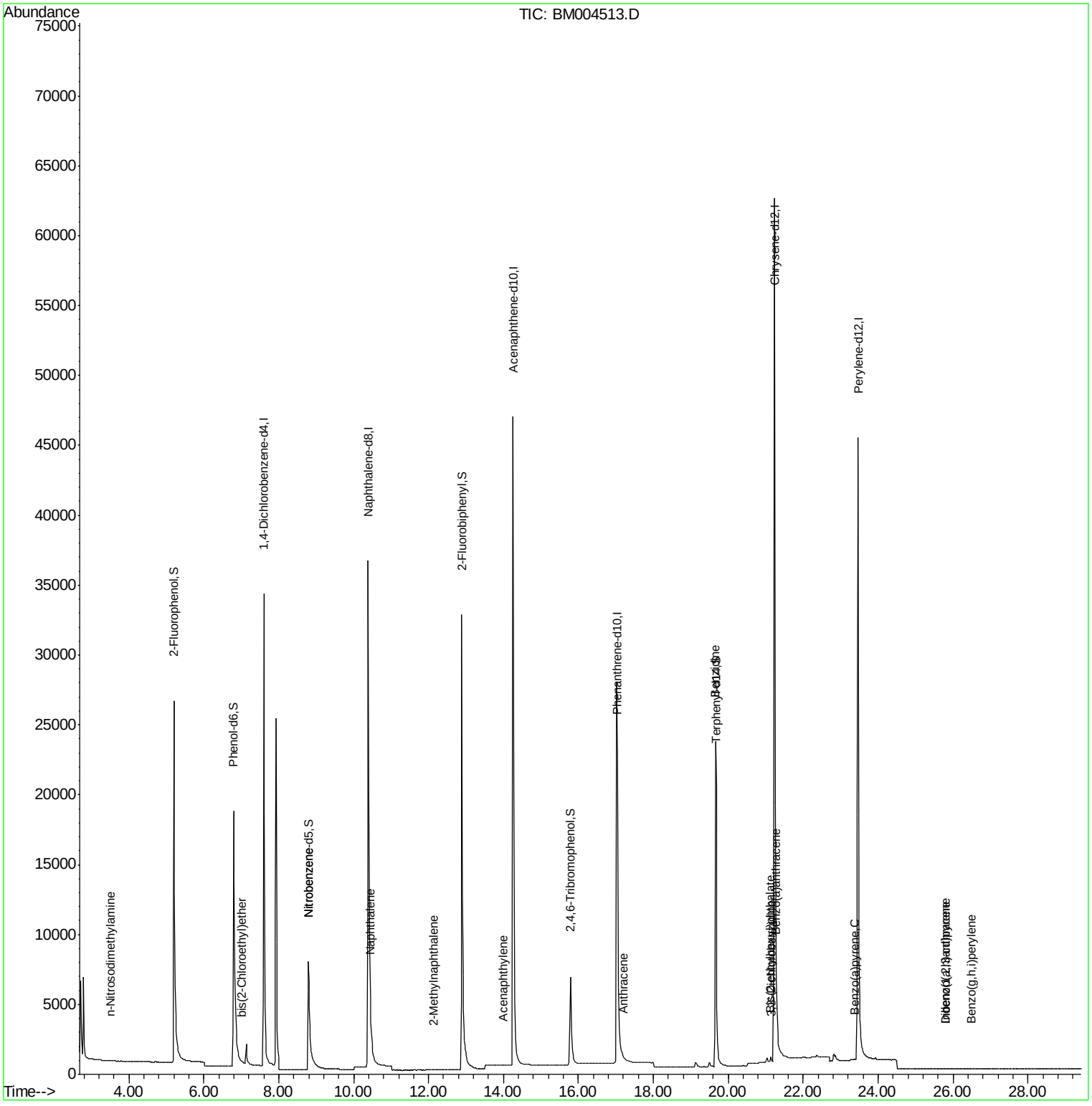
(#) = qualifier out of range (m) = manual integration (+) = signals summed

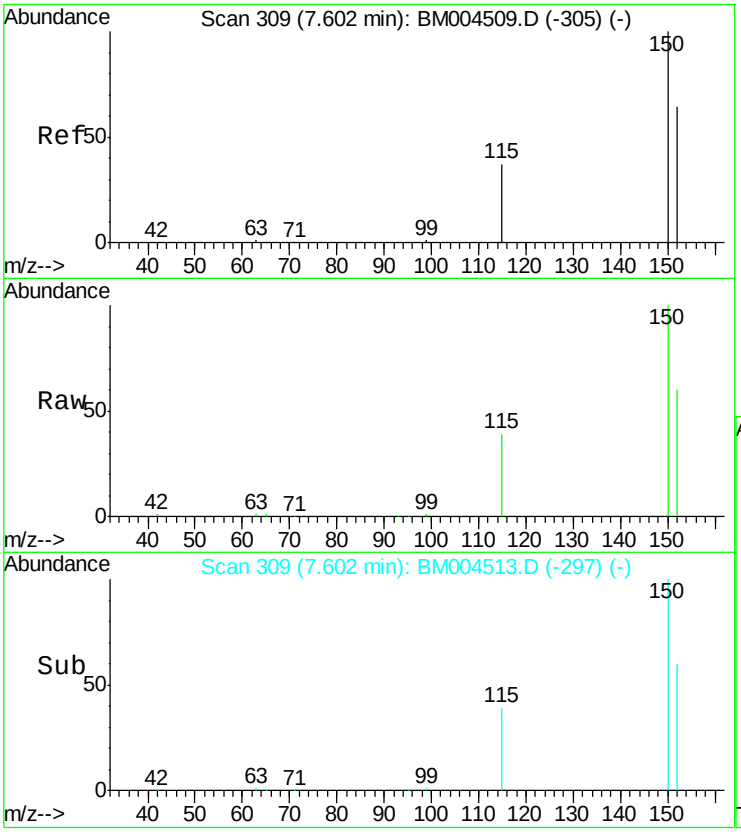
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004513.D
Acq On : 02 Mar 2016 10:46
Operator : SJ/UM
Sample : PB88423BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Quant Time: Mar 02 15:22:13 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 14:46:57 2016
Response via : Initial Calibration



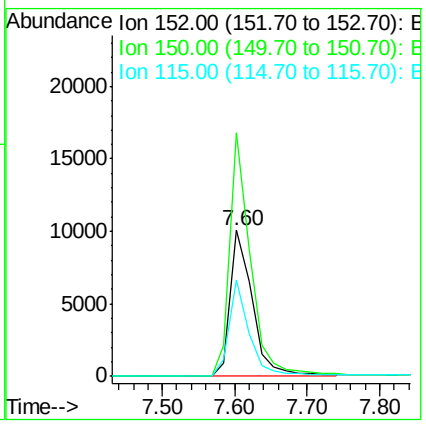


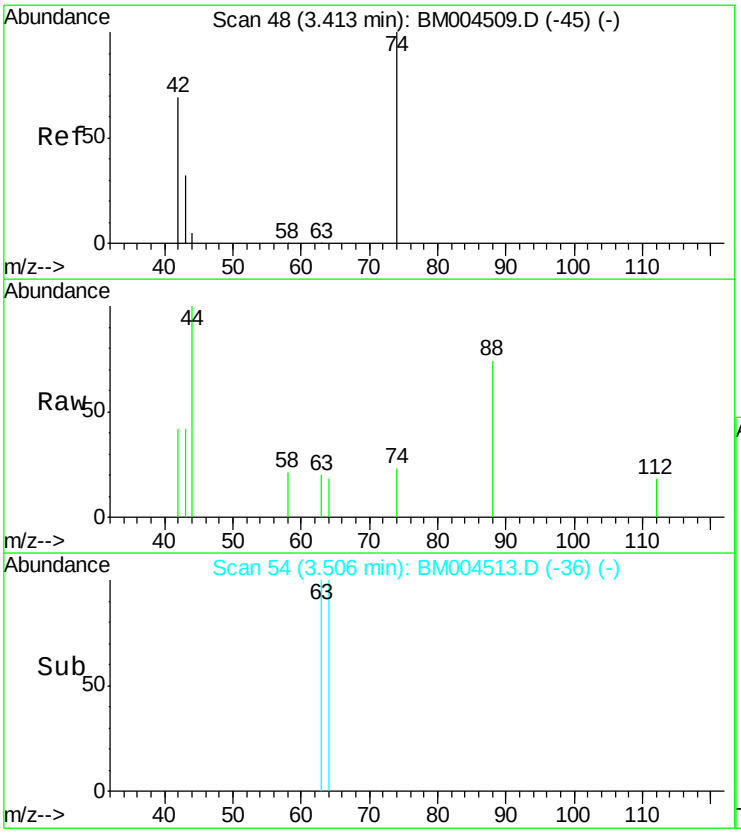
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:152 Resp: 20922

Ion	Ratio	Lower	Upper
152	100		
150	166.6	134.2	201.2
115	65.7	52.2	78.4

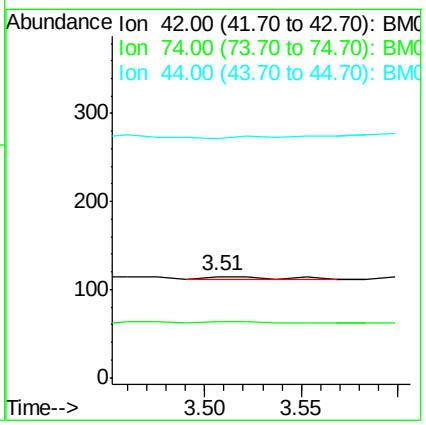


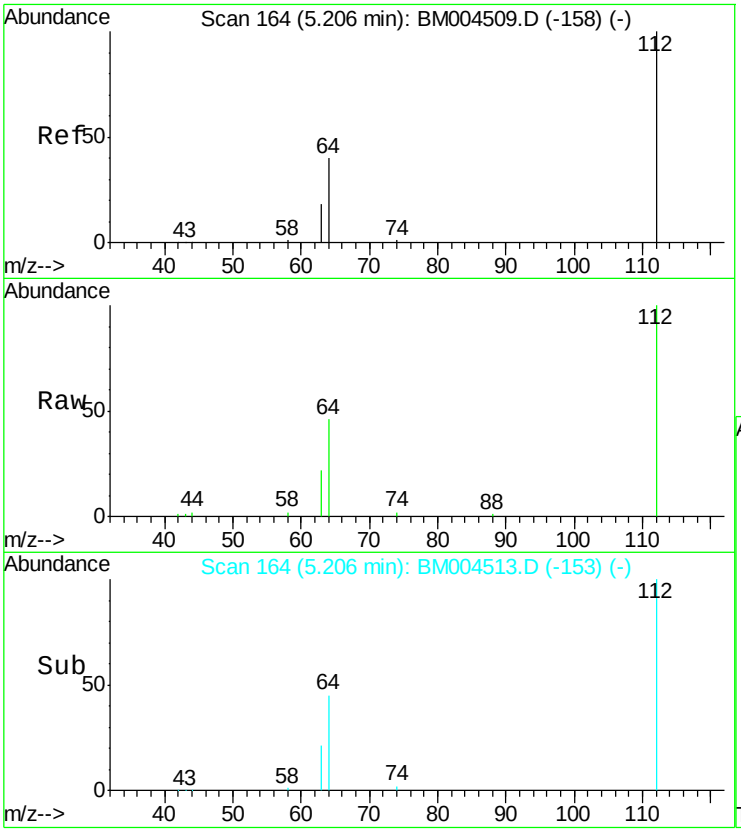


#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.08 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion: 42 Resp: 6

Ion	Ratio	Lower	Upper
42	100		
74	50.0	115.5	173.3#
44	0.0	6.2	9.4#



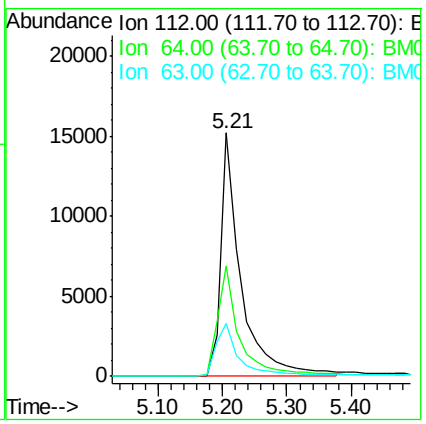


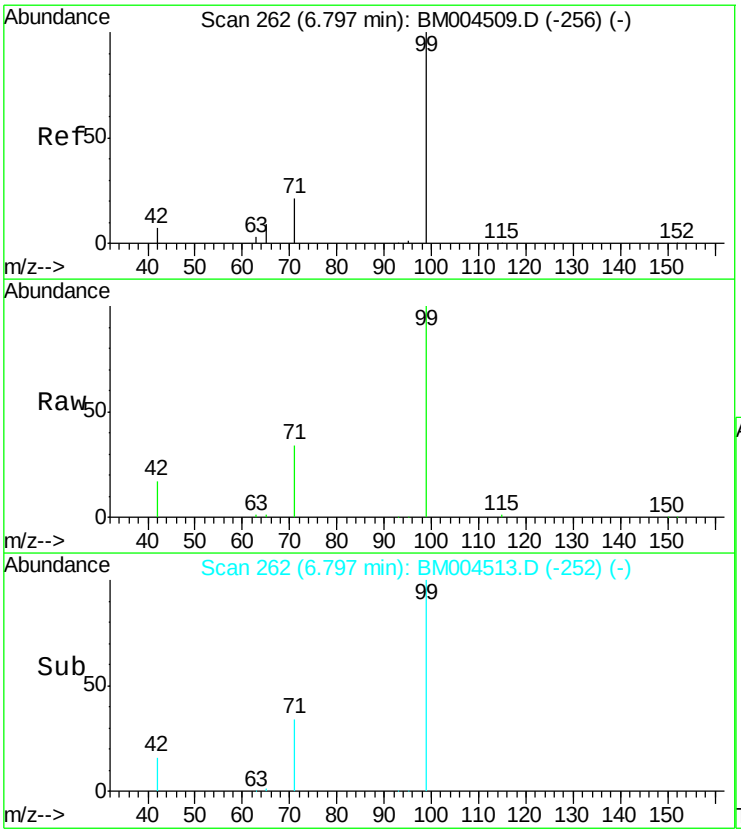
#4
2-Fluorophenol
Concen: 7.51 ng
RT: 5.21 min Scan# 164
Delta R.T. -0.03 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:112 Resp: 32856

Ion	Ratio	Lower	Upper
112	100		
64	49.0	37.0	55.6
63	24.6	19.0	28.4

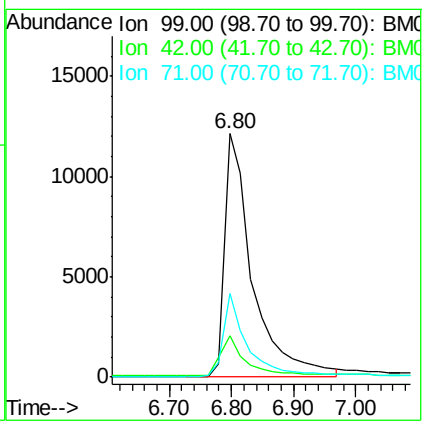


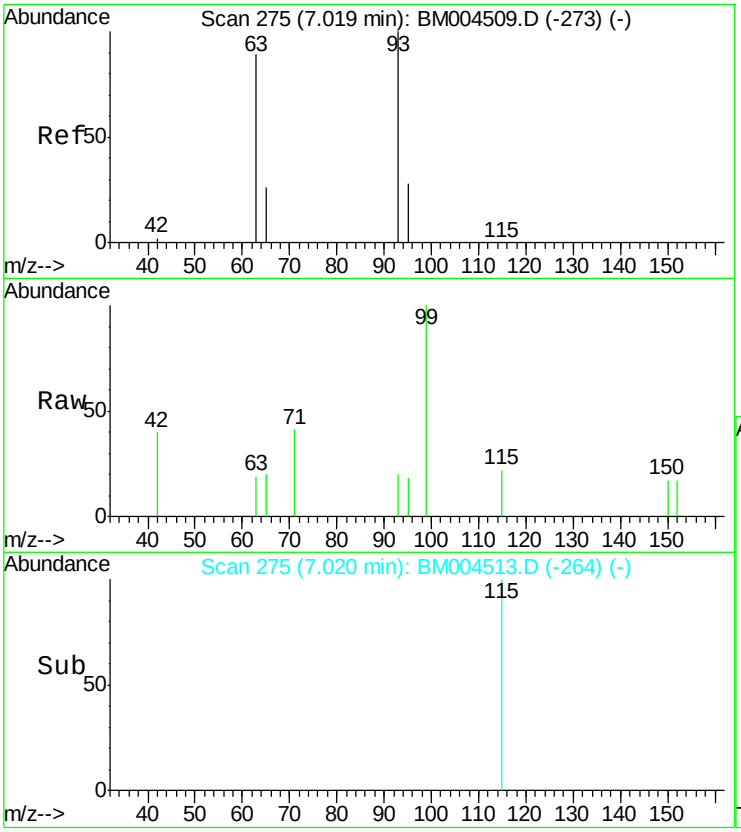


#5
Phenol-d6
Concen: 6.46 ng
RT: 6.80 min Scan# 262
Delta R.T. -0.03 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion: 99 Resp: 37373

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.4
71	29.1	23.4	35.2



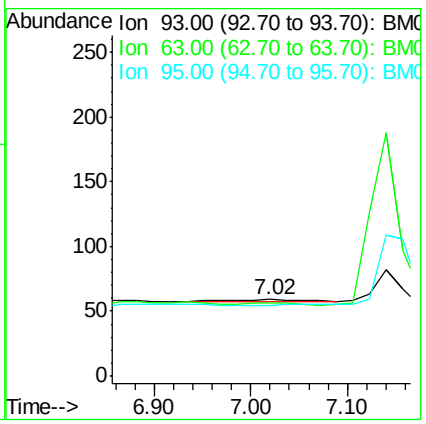


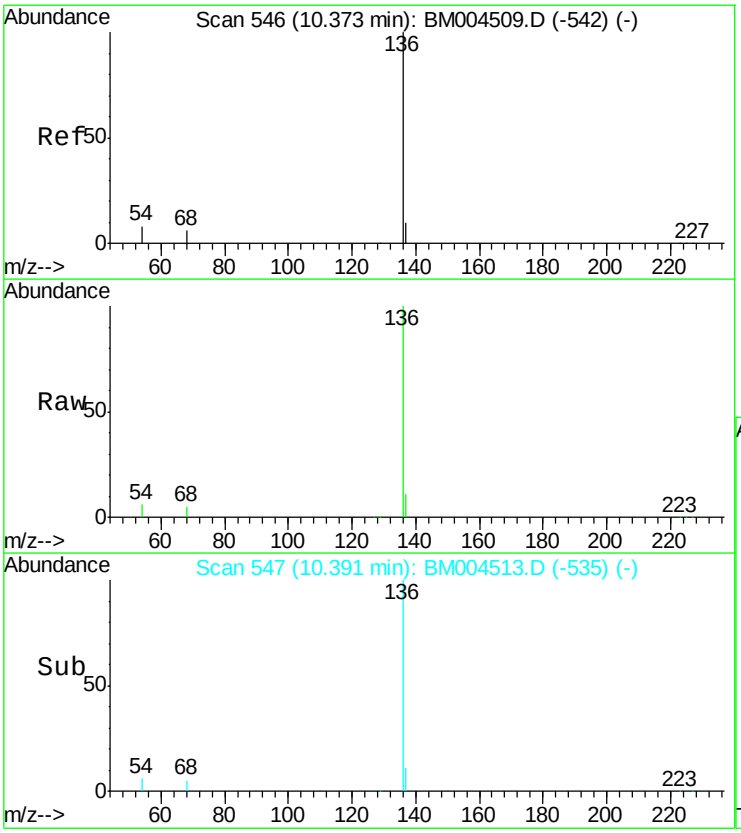
#6
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.02 min Scan# 275
Delta R.T. -0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion: 93 Resp: 9

Ion	Ratio	Lower	Upper
93	100		
63	0.0	51.1	76.7#
95	0.0	25.0	37.6#

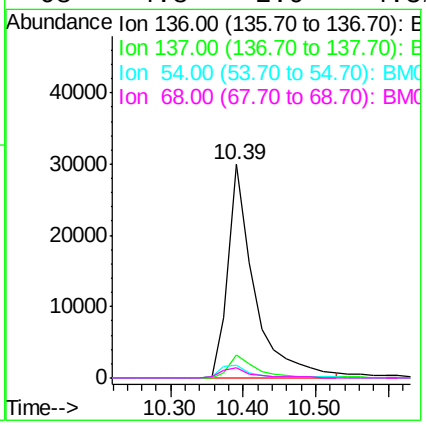


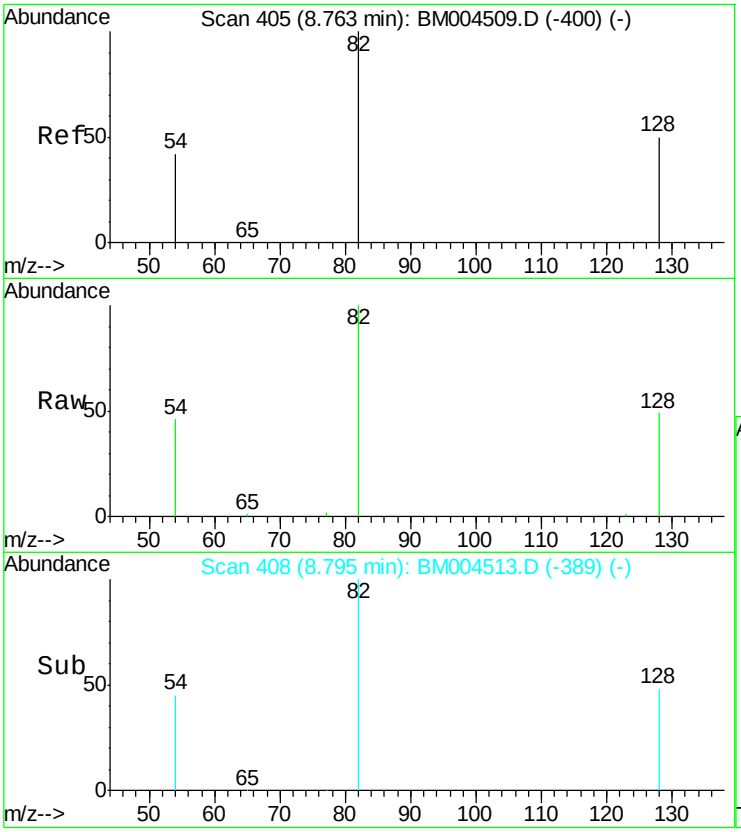


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:136 Resp: 75030

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.9	3.3	4.9#
68	4.8	2.9	4.3#



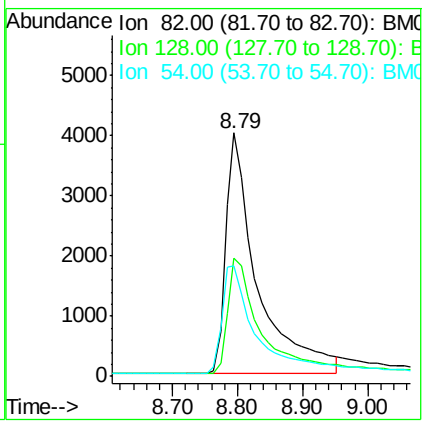


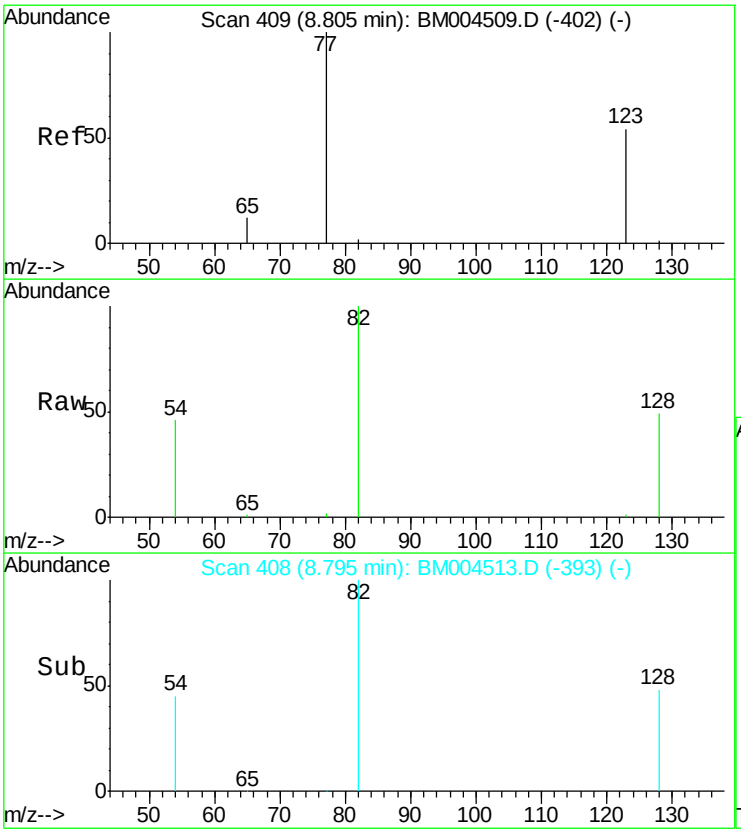
#8
Nitrobenzene-d5
Concen: 3.38 ng
RT: 8.79 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion: 82 Resp: 13340

Ion	Ratio	Lower	Upper
82	100		
128	48.6	41.9	62.9
54	45.5	34.2	51.2

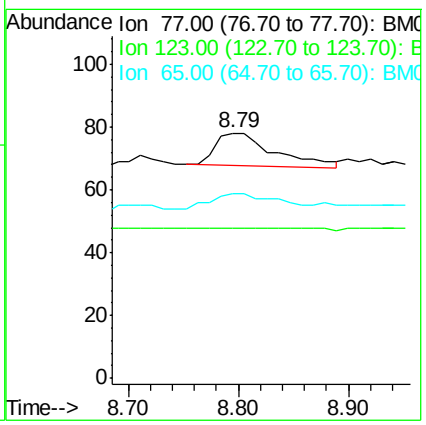


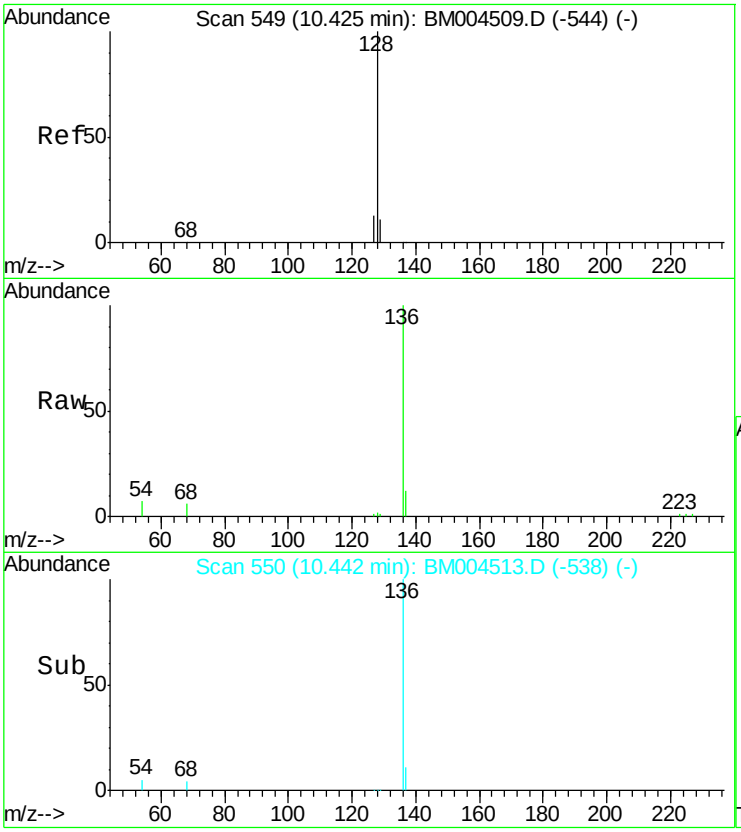


#9
Nitrobenzene
Concen: 0.19 ng
RT: 8.79 min Scan# 408
Delta R.T. -0.04 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion: 77 Resp: 39

Ion	Ratio	Lower	Upper
77	100		
123	0.0	42.5	63.7#
65	48.7	10.0	15.0#



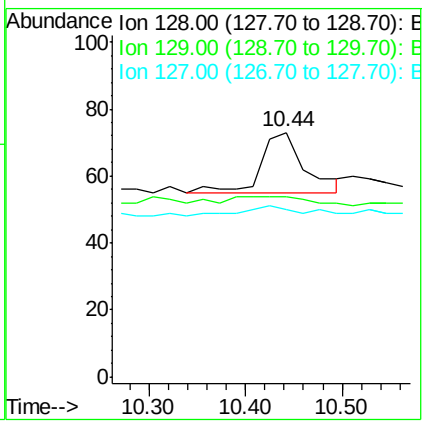


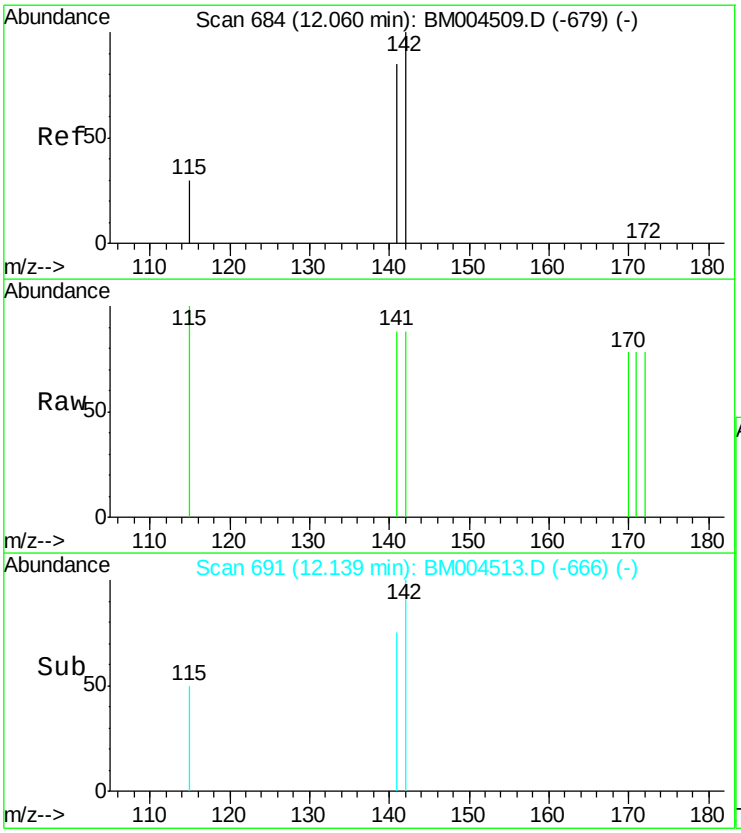
#10
Naphthalene
Concen: 0.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:128 Resp: 57

Ion	Ratio	Lower	Upper
128	100		
129	74.0	9.8	14.6#
127	68.5	9.9	14.9#

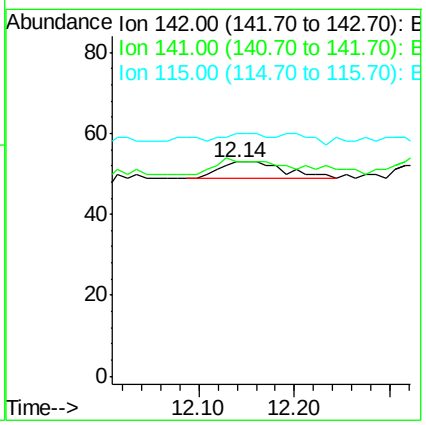


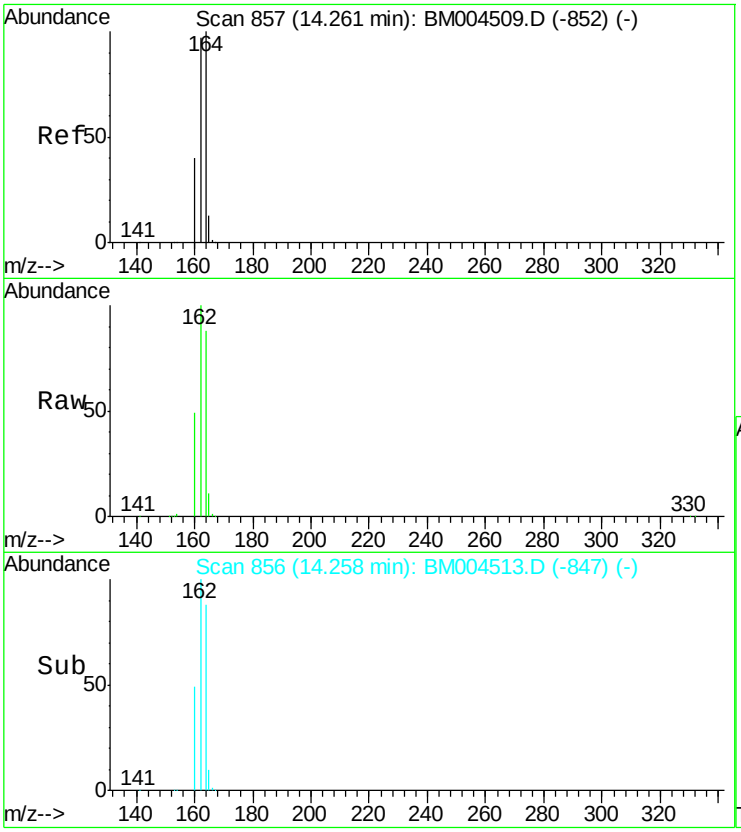


#12
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.14 min Scan# 691
Delta R.T. 0.06 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:142 Resp: 19

Ion	Ratio	Lower	Upper
142	100		
141	100.0	68.5	102.7
115	113.2	24.6	36.8#



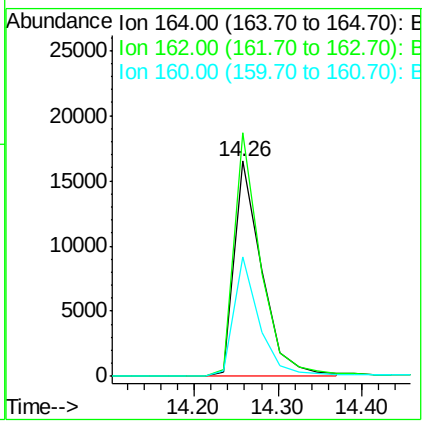


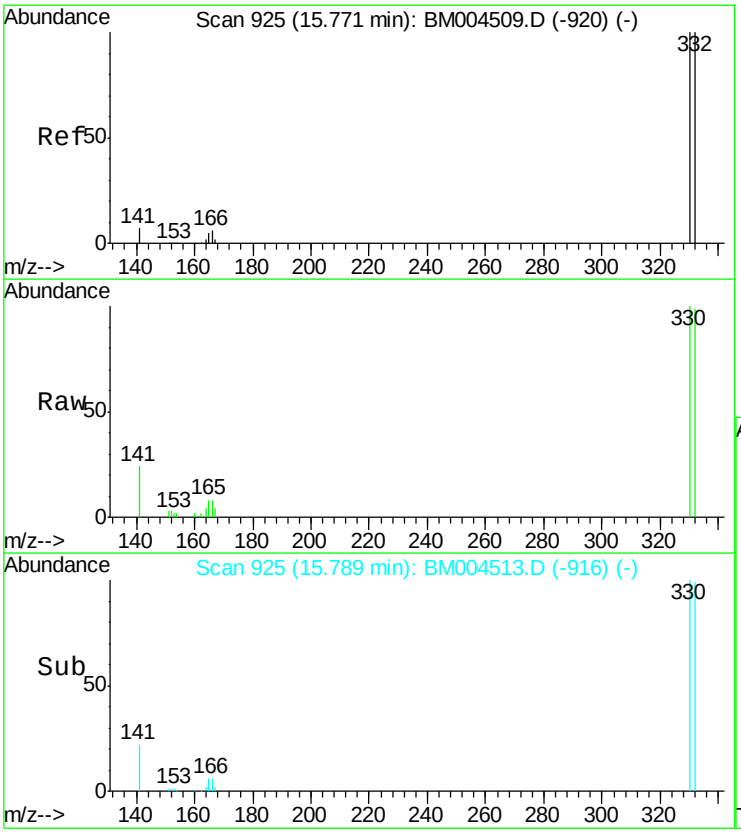
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:164 Resp: 36913

Ion	Ratio	Lower	Upper
164	100		
162	113.1	81.6	122.4
160	55.8	34.9	52.3#

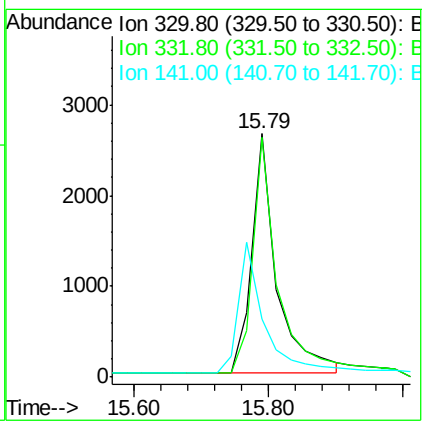


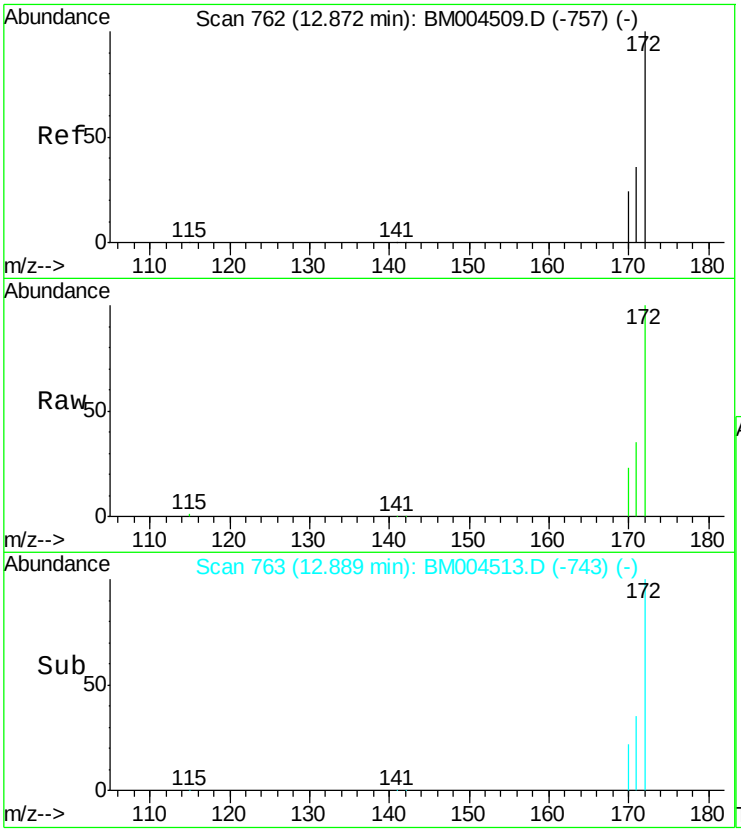


#14
2,4,6-Tribromophenol
Concen: 5.14 ng
RT: 15.79 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:330 Resp: 6873

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	0.0	0.0	0.0



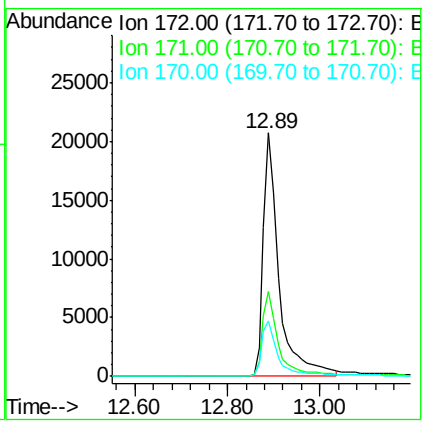


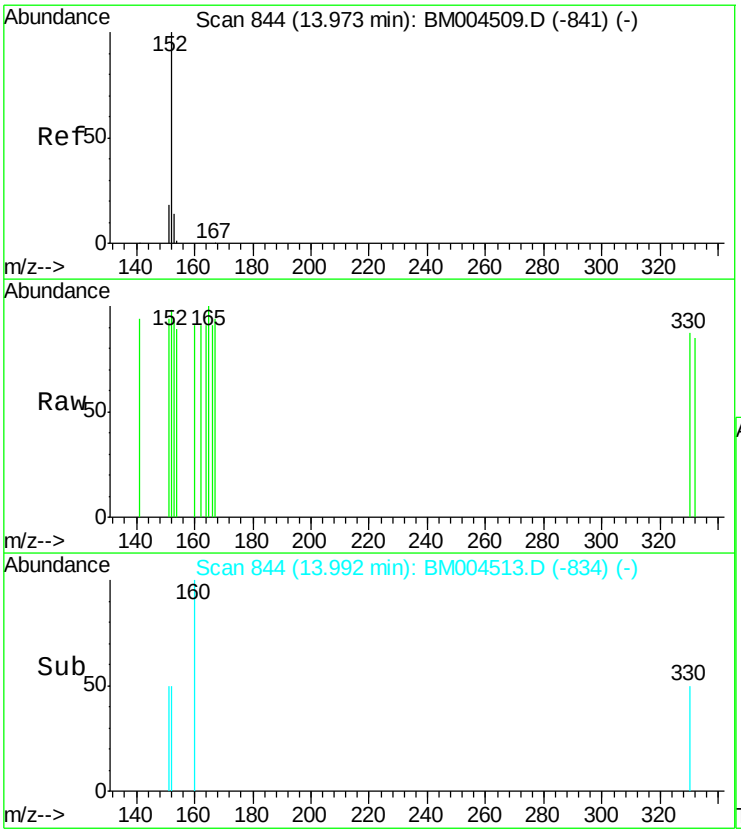
#15
2-Fluorobiphenyl
Concen: 4.20 ng
RT: 12.89 min Scan# 763
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:172 Resp: 48284

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.5	44.3
170	22.6	20.2	30.2

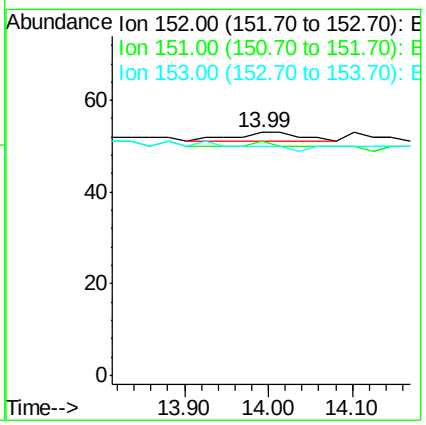


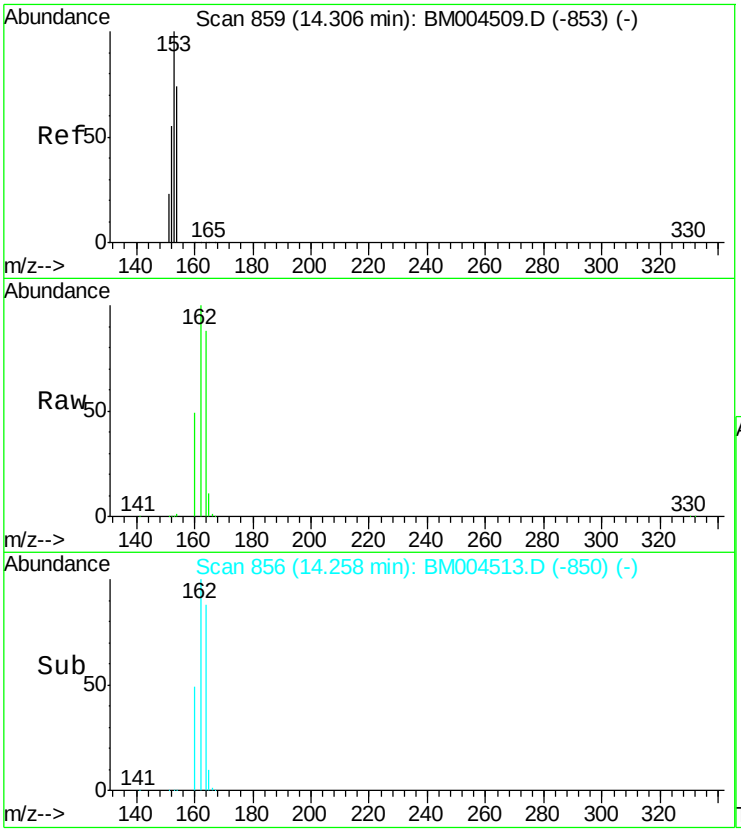


#16
Acenaphthylene
Concen: 0.10 ng
RT: 13.99 min Scan# 844
Delta R.T. 0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:152 Resp: 12

Ion	Ratio	Lower	Upper
152	100		
151	8.3	15.8	23.6#
153	0.0	10.2	15.4#



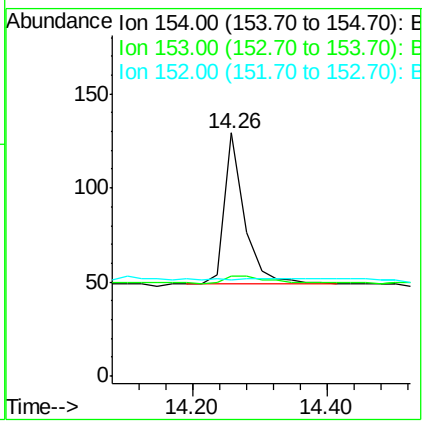


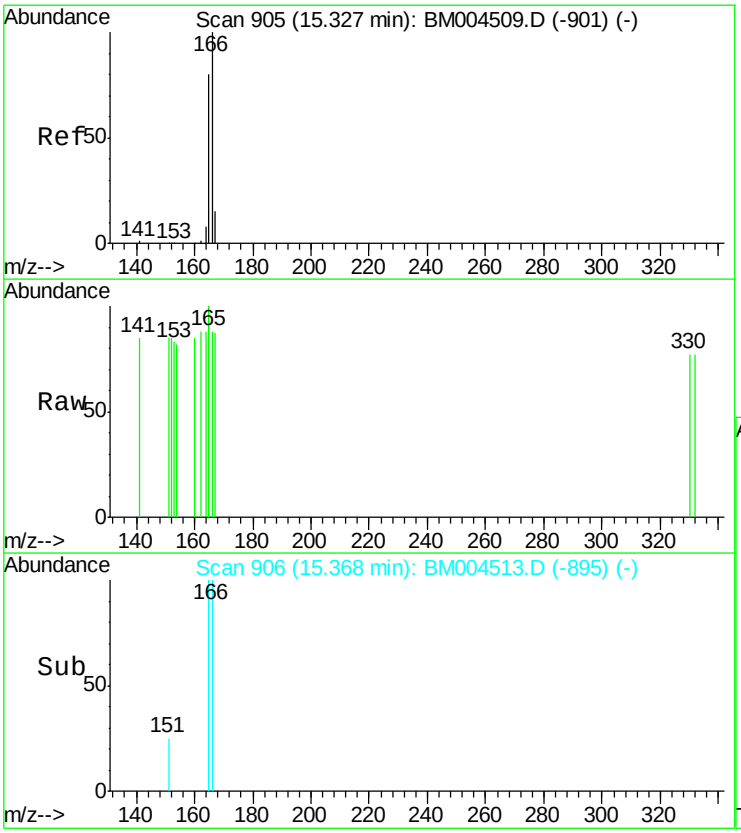
#17
Acenaphthene
Concen: Below Cal
RT: 14.26 min Scan# 856
Delta R.T. -0.07 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:154 Resp: 168

Ion	Ratio	Lower	Upper
154	100		
153	13.7	88.7	133.1#
152	0.0	41.8	62.8#

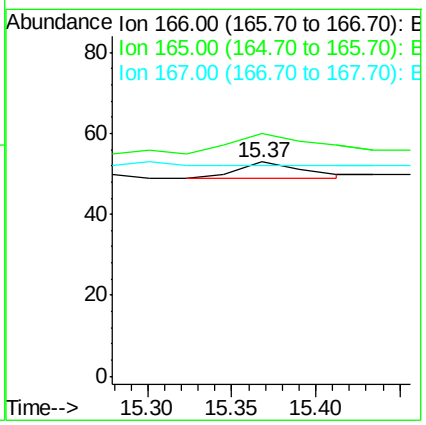


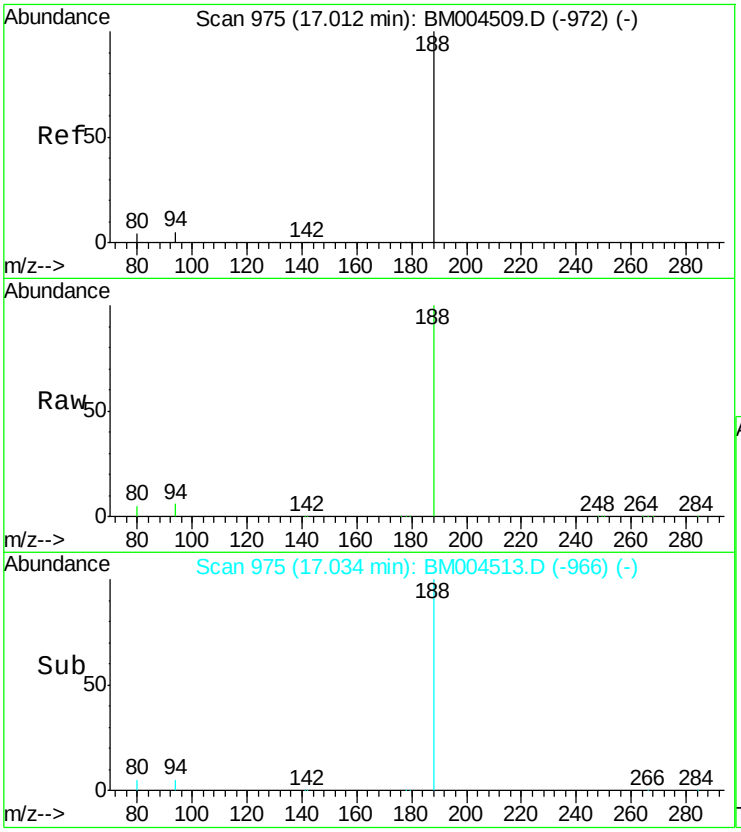


#18
Fluorene
Concen: Below Cal
RT: 15.37 min Scan# 906
Delta R.T. 0.04 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:166 Resp: 11

Ion	Ratio	Lower	Upper
166	100		
165	172.7	77.8	116.6#
167	0.0	10.8	16.2#



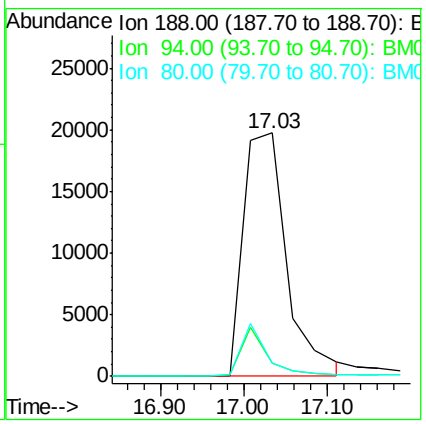


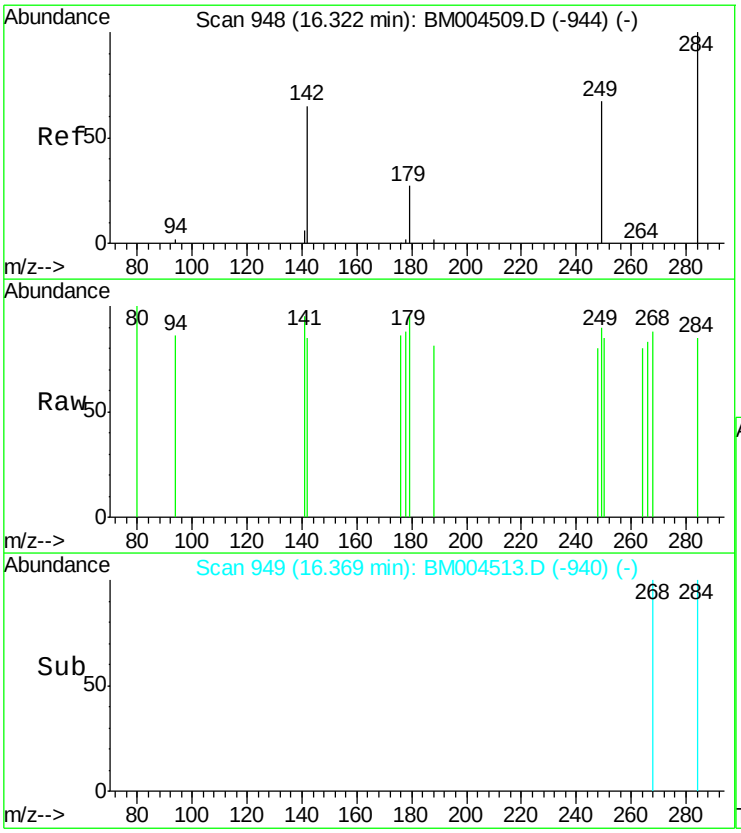
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 975
Delta R.T. 0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:188 Resp: 71559

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.3	9.5#
80	5.4	5.9	8.9#

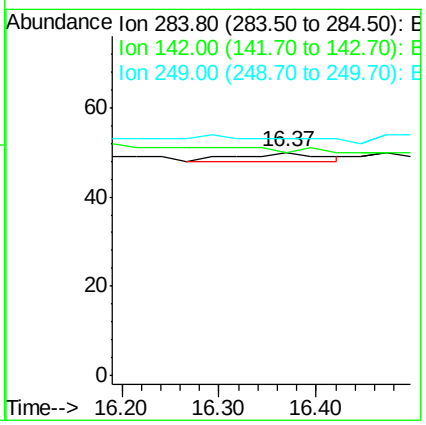


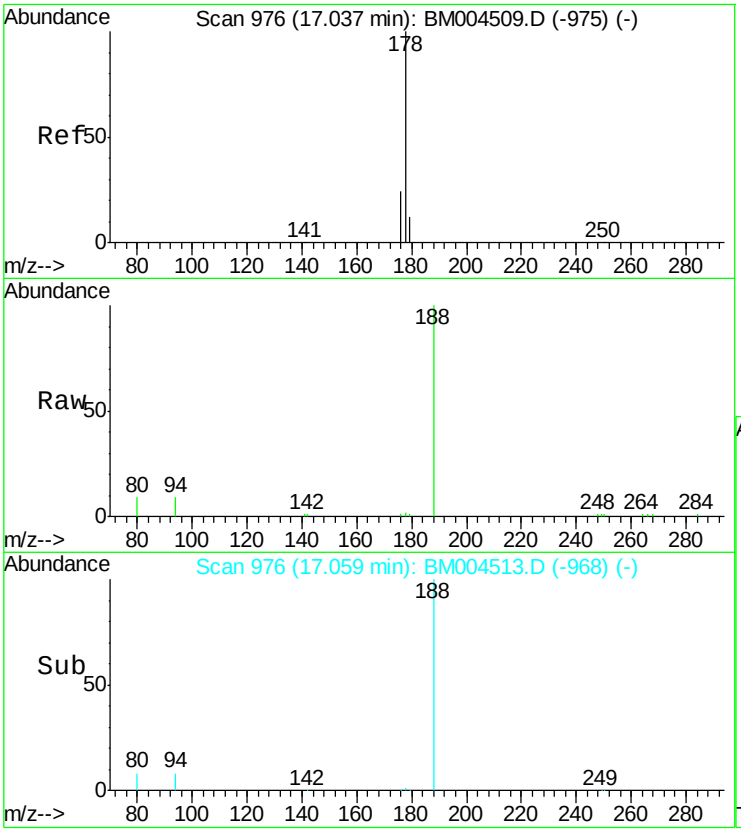


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.37 min Scan# 949
Delta R.T. 0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:284 Resp: 11

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



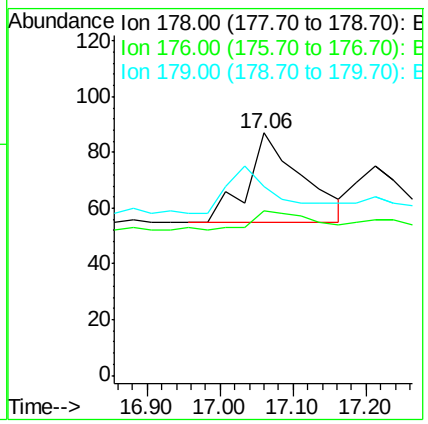


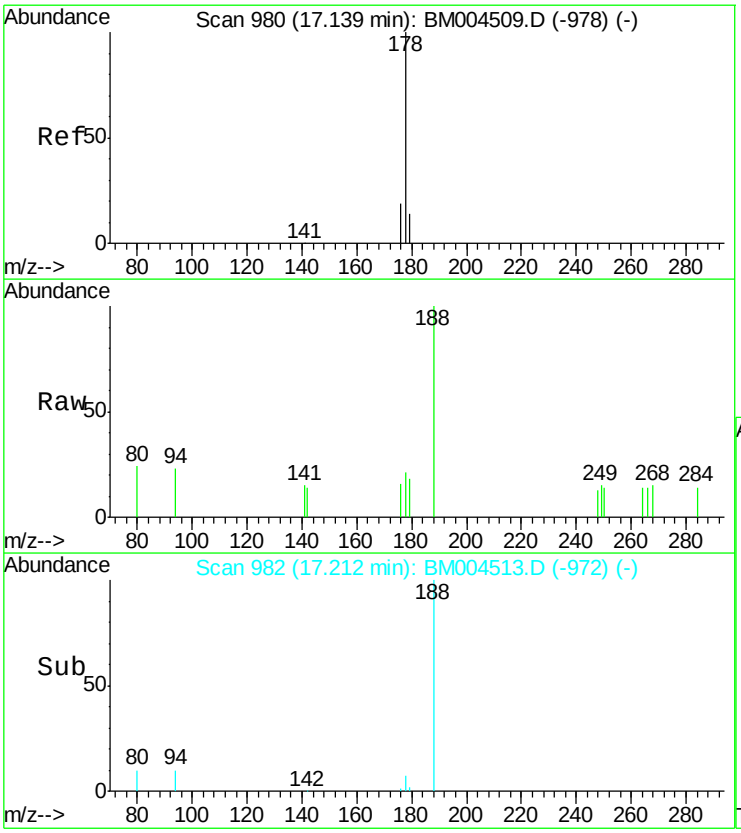
#23
Phenanthrene
Concen: Below Cal
RT: 17.06 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:178 Resp: 167

Ion	Ratio	Lower	Upper
178	100		
176	24.0	15.0	22.4#
179	0.0	12.8	19.2#

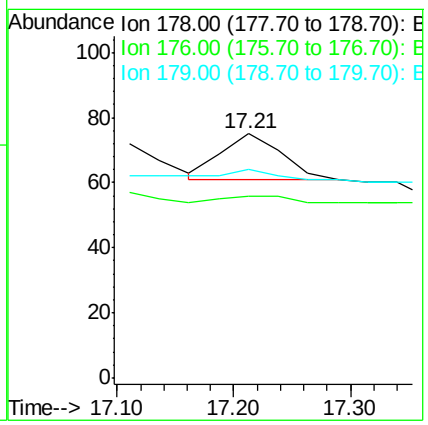


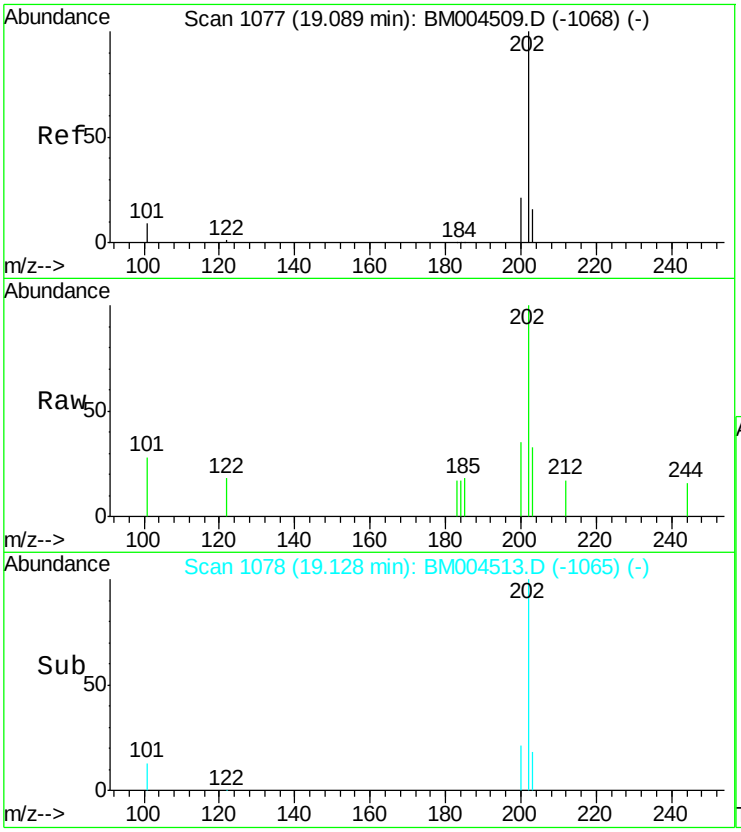


#24
Anthracene
Concen: 0.18 ng
RT: 17.21 min Scan# 982
Delta R.T. 0.05 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:178 Resp: 51

Ion	Ratio	Lower	Upper
178	100		
176	15.7	14.7	22.1
179	11.8	12.2	18.4#



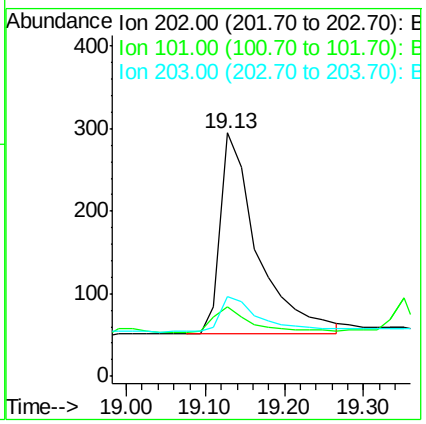


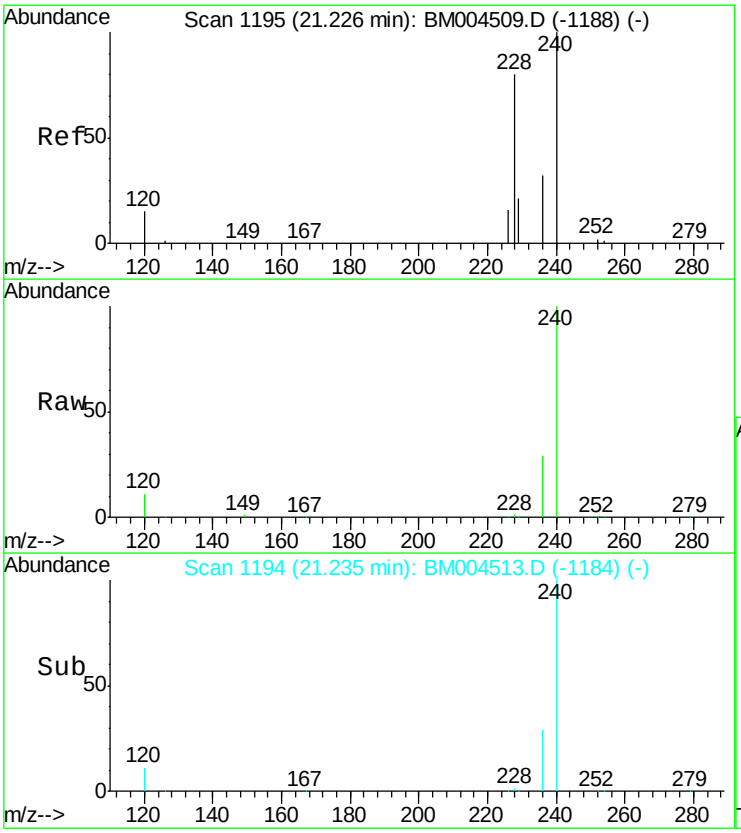
#25
Fluoranthene
Concen: Below Cal
RT: 19.13 min Scan# 1078
Delta R.T. 0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:202 Resp: 790

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.8	14.8
203	19.9	13.8	20.8

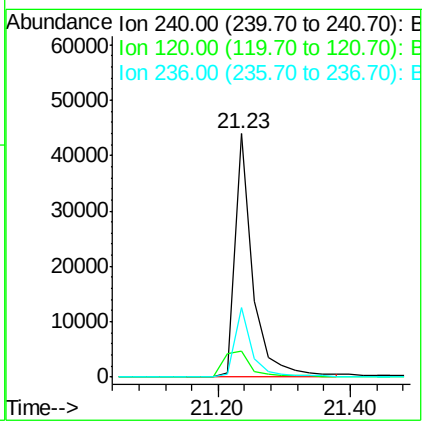


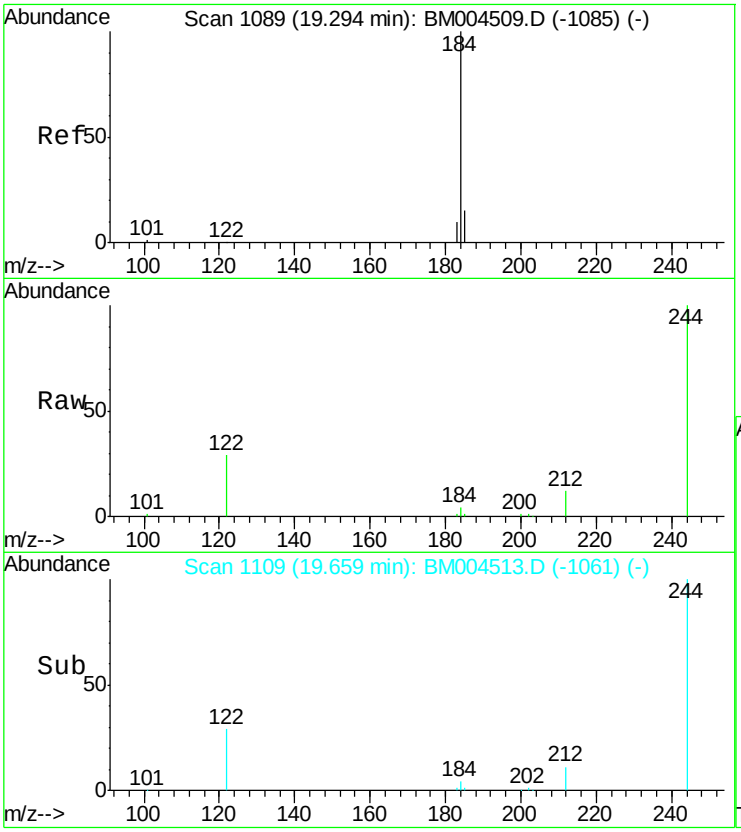


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:240 Resp: 82273

Ion	Ratio	Lower	Upper
240	100		
120	10.7	18.9	28.3#
236	28.8	26.4	39.6



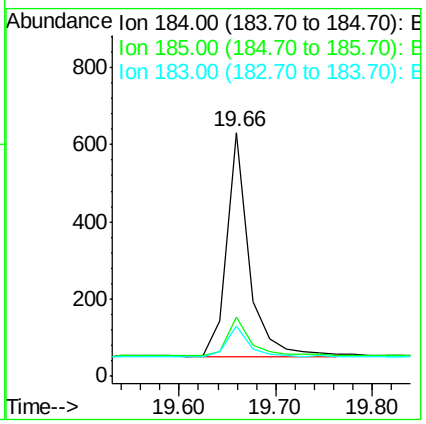


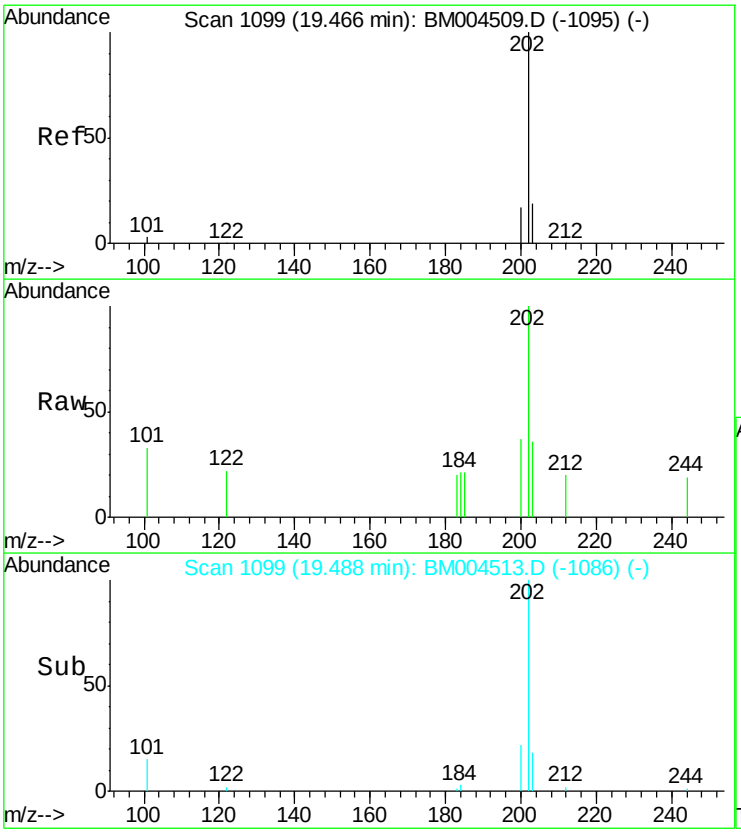
#27
Benzidine
Concen: 0.43 ng
RT: 19.66 min Scan# 1109
Delta R.T. 0.33 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:184 Resp: 927

Ion	Ratio	Lower	Upper
184	100		
185	24.2	15.0	22.4#
183	20.6	12.6	19.0#

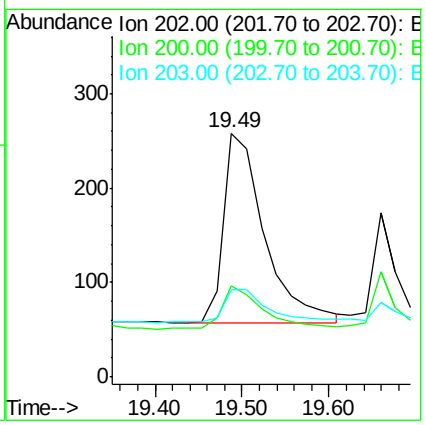


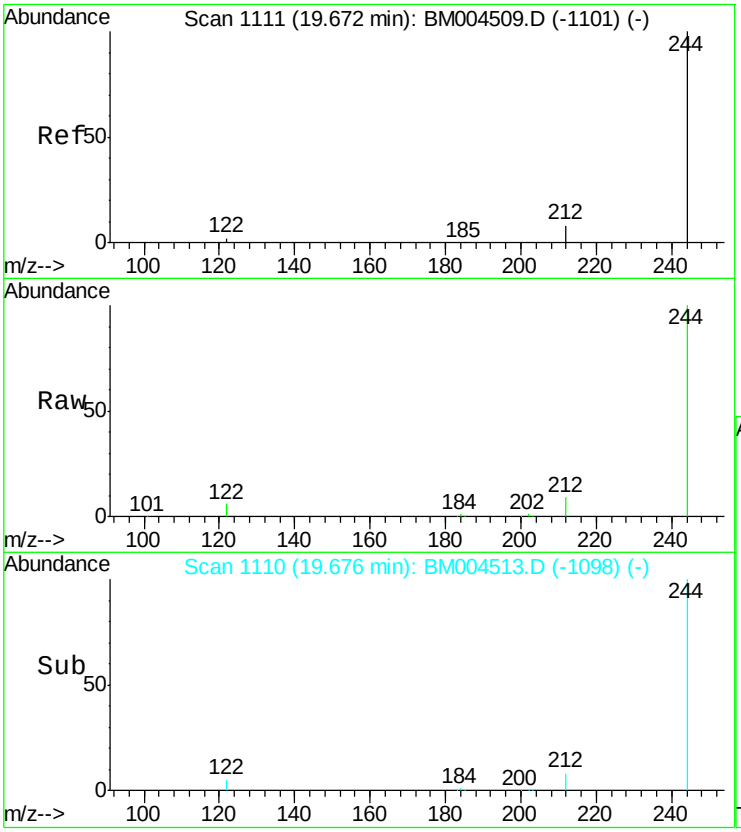


#28
Pyrene
Concen: Below Cal
RT: 19.49 min Scan# 1099
Delta R.T. 0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:202 Resp: 663

Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.6	25.0
203	19.8	13.7	20.5



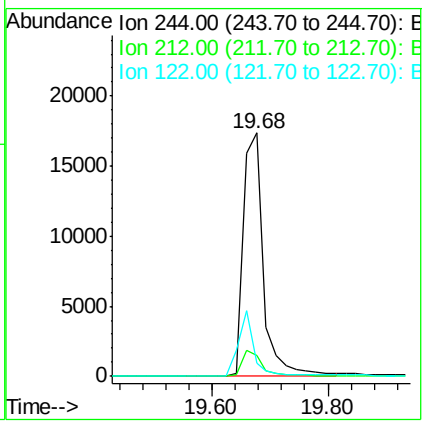


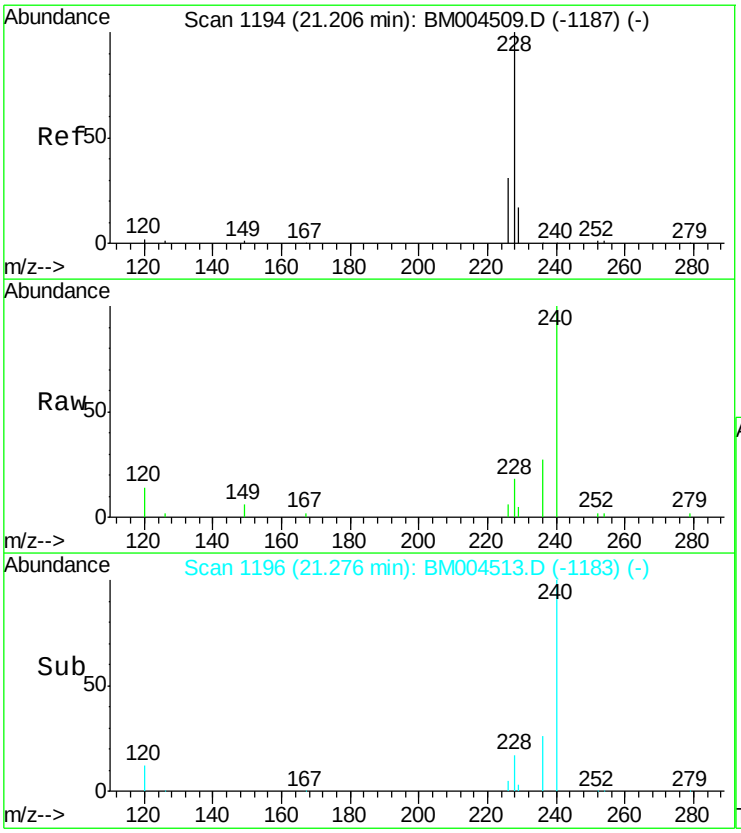
#29
Terphenyl-d14
Concen: 3.37 ng
RT: 19.68 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:244 Resp: 41593

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.8	11.6
122	5.7	7.0	10.4#

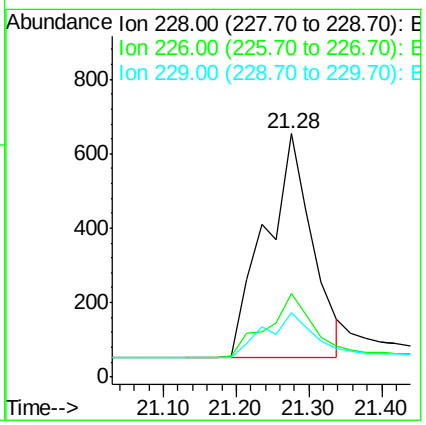


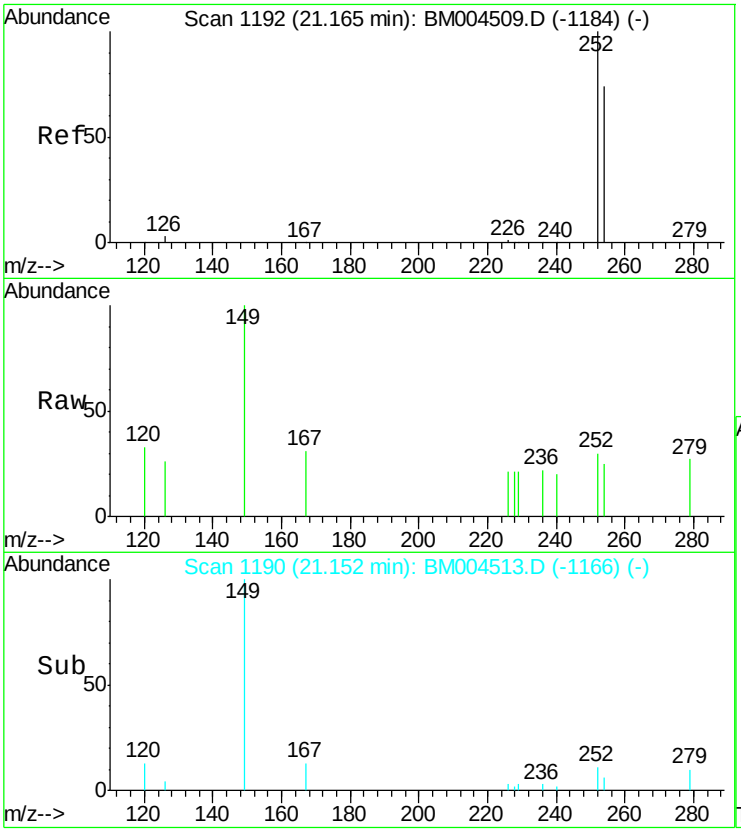


#30
Benzo(a)anthracene
Concen: 0.14 ng
RT: 21.28 min Scan# 1196
Delta R.T. 0.07 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:228 Resp: 2709

Ion	Ratio	Lower	Upper
228	100		
226	34.6	27.0	40.4
229	26.6	13.1	19.7#



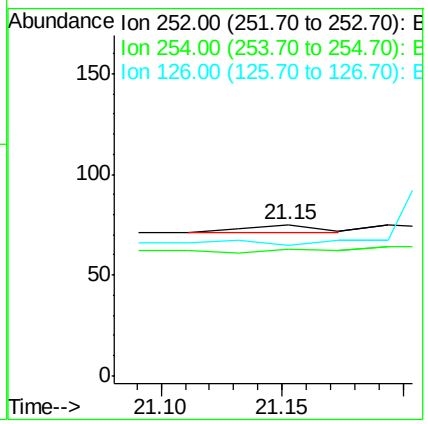


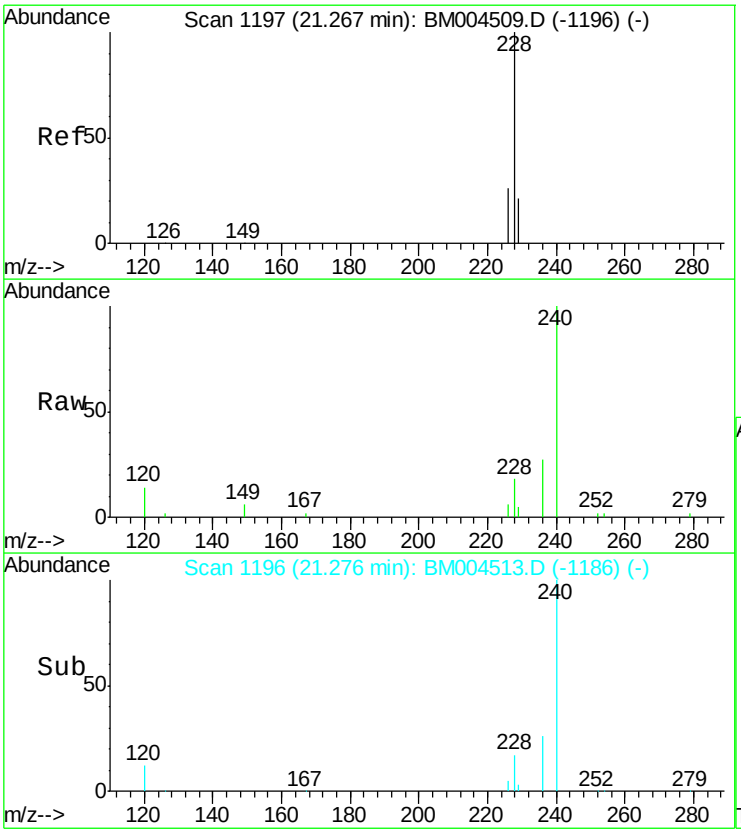
#31
3,3'-Dichlorobenzidine
Concen: 0.00 ng
RT: 21.15 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:252 Resp: 9

Ion	Ratio	Lower	Upper
252	100		
254	84.0	47.4	71.0#
126	86.7	11.0	16.6#

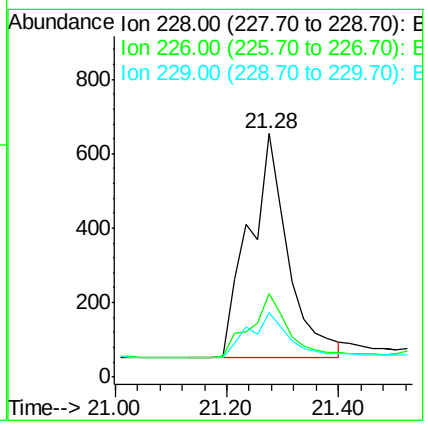


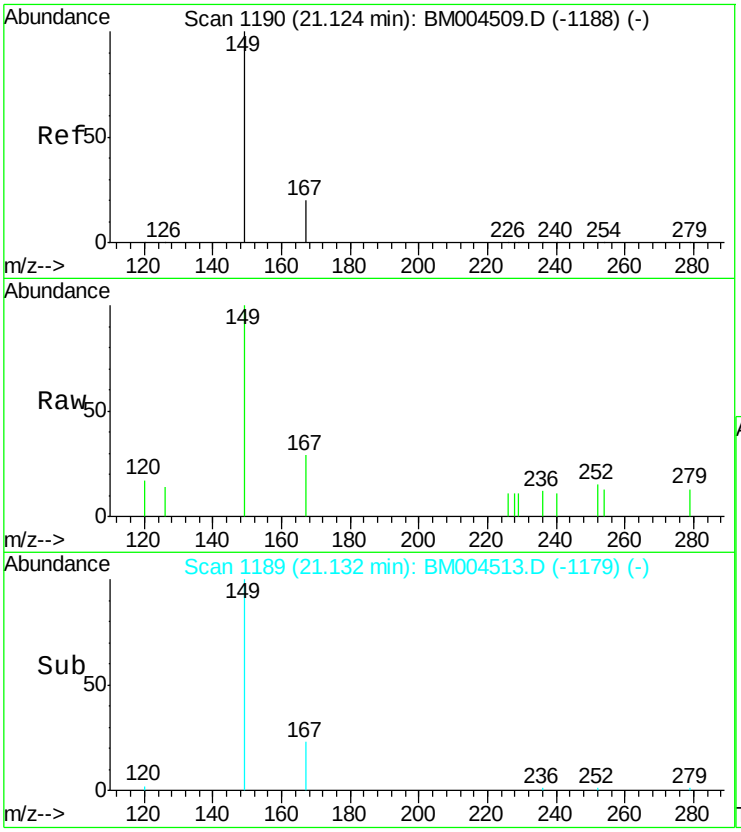


#32
Chrysene
Concen: Below Cal
RT: 21.28 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:228 Resp: 2905

Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.6	37.0
229	26.6	15.2	22.8#



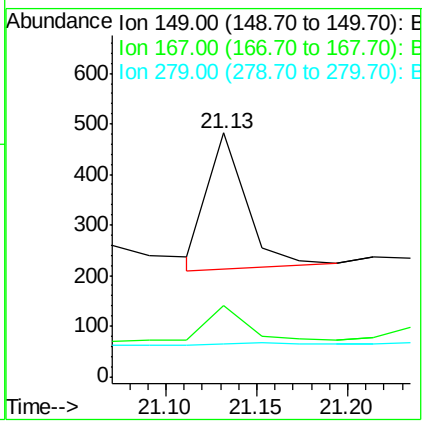


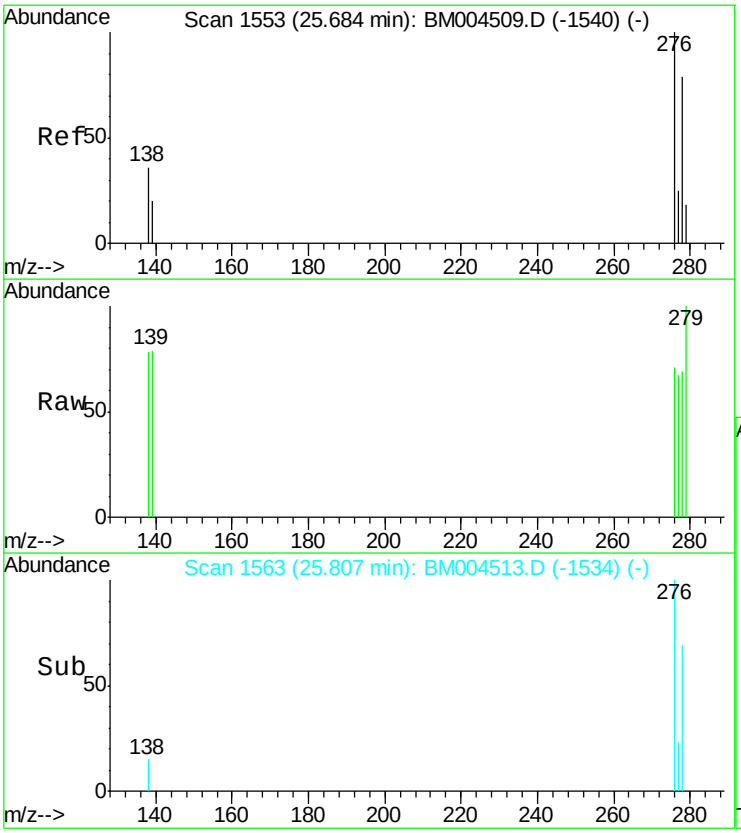
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.13 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:149 Resp: 396

Ion	Ratio	Lower	Upper
149	100		
167	33.8	20.2	30.4#
279	0.0	0.0	0.0

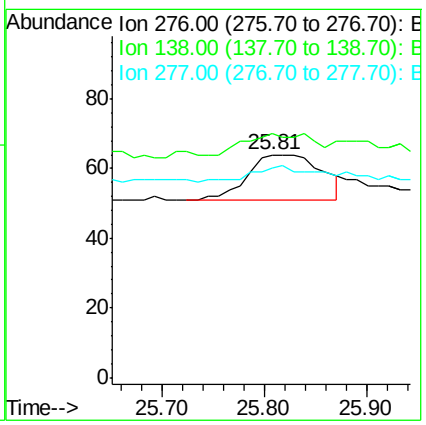


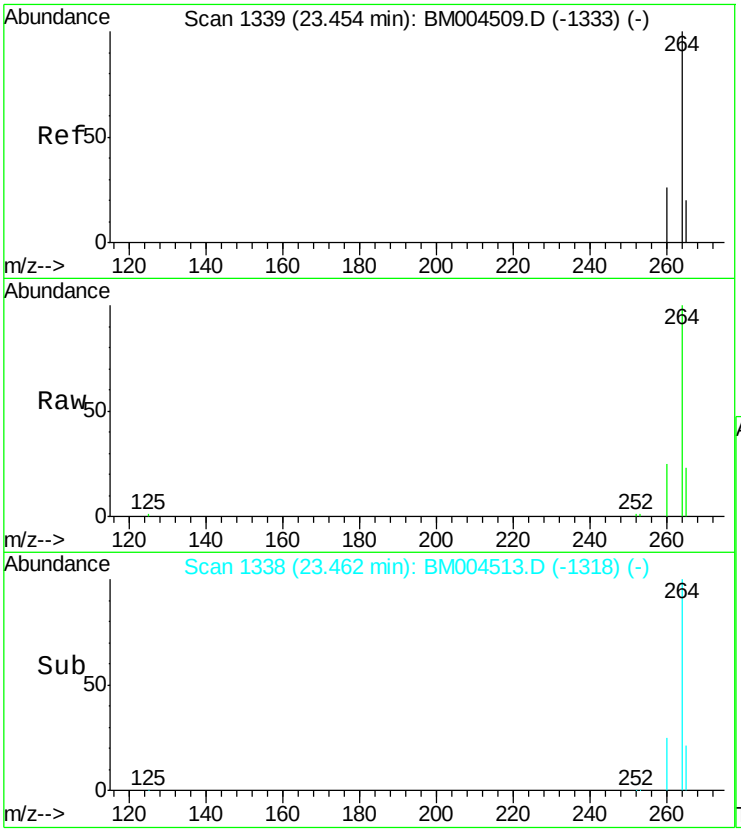


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.81 min Scan# 1563
Delta R.T. 0.10 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:276 Resp: 65

Ion	Ratio	Lower	Upper
276	100		
138	41.5	31.0	46.4
277	32.3	19.9	29.9#



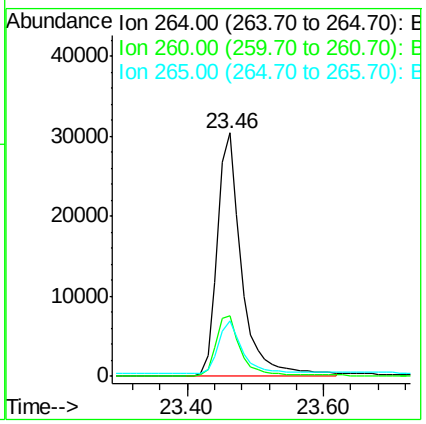


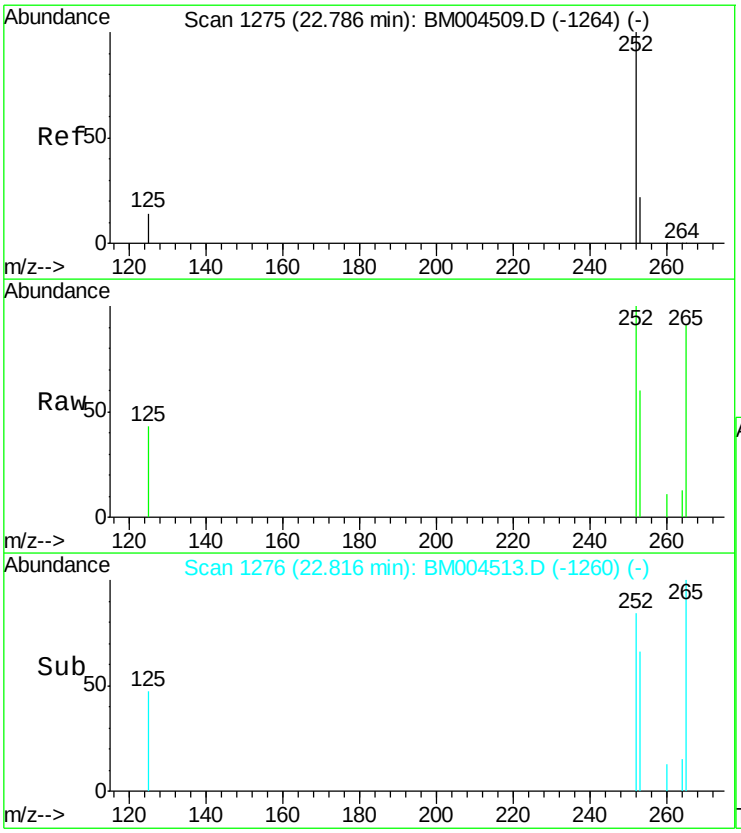
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:264 Resp: 74513

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.2	31.8
265	22.8	17.4	26.0

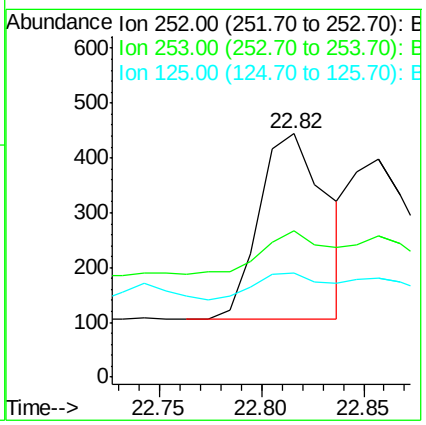


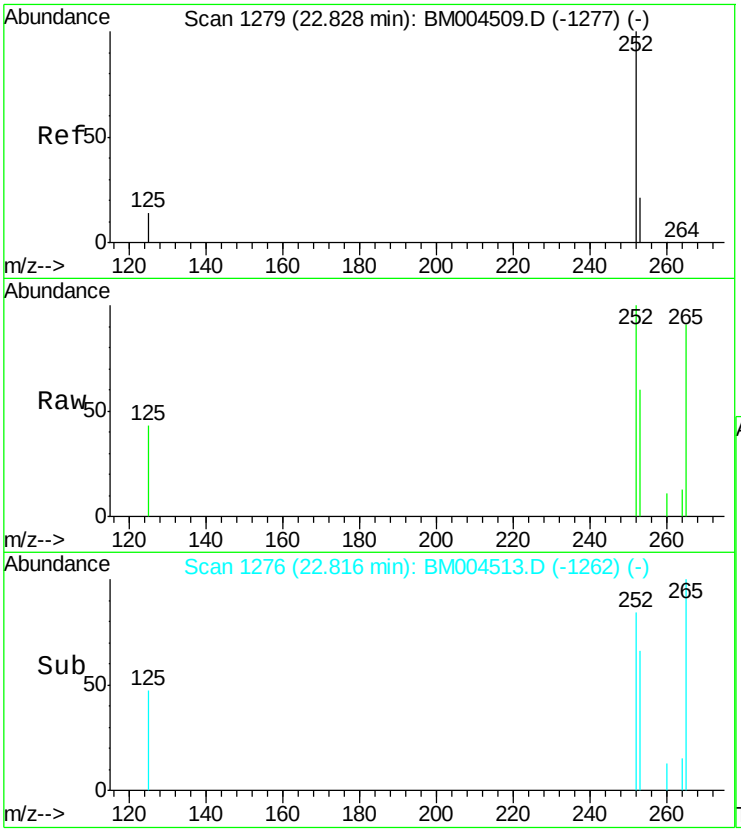


#36
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.82 min Scan# 1276
Delta R.T. 0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:252 Resp: 781

Ion	Ratio	Lower	Upper
252	100		
253	60.1	19.0	28.4#
125	42.8	11.7	17.5#



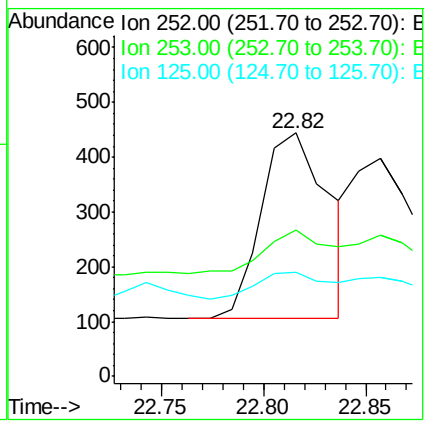


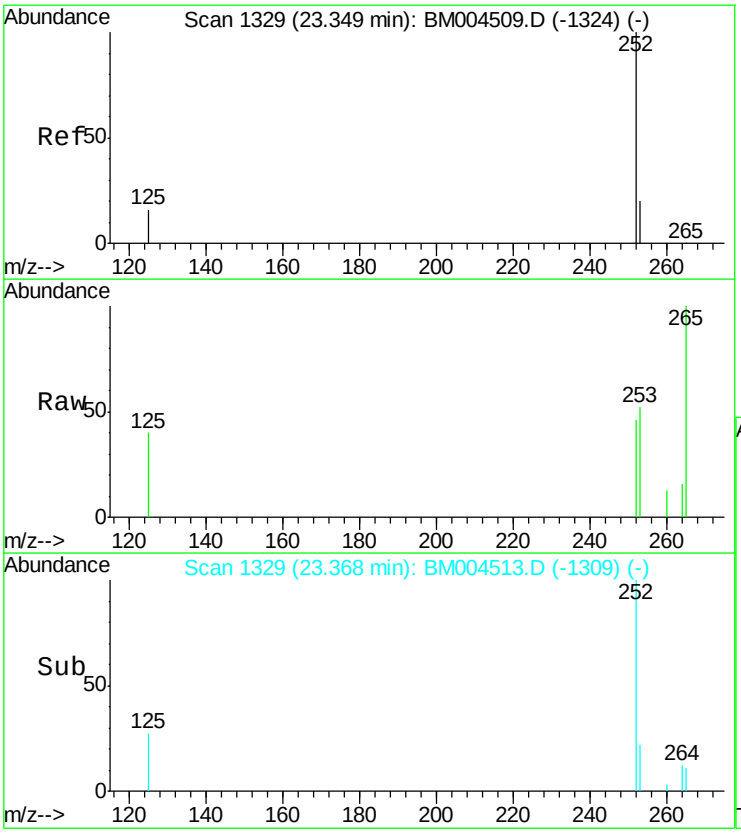
#37
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.82 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:252 Resp: 781

Ion	Ratio	Lower	Upper
252	100		
253	60.1	18.9	28.3#
125	42.8	11.9	17.9#

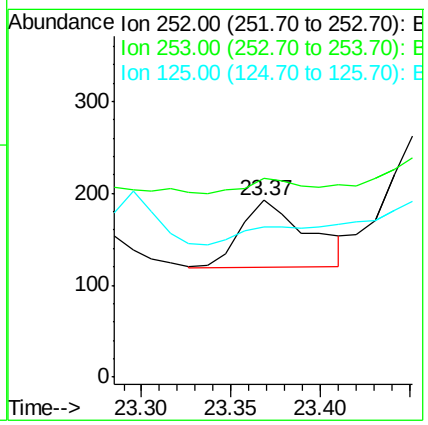


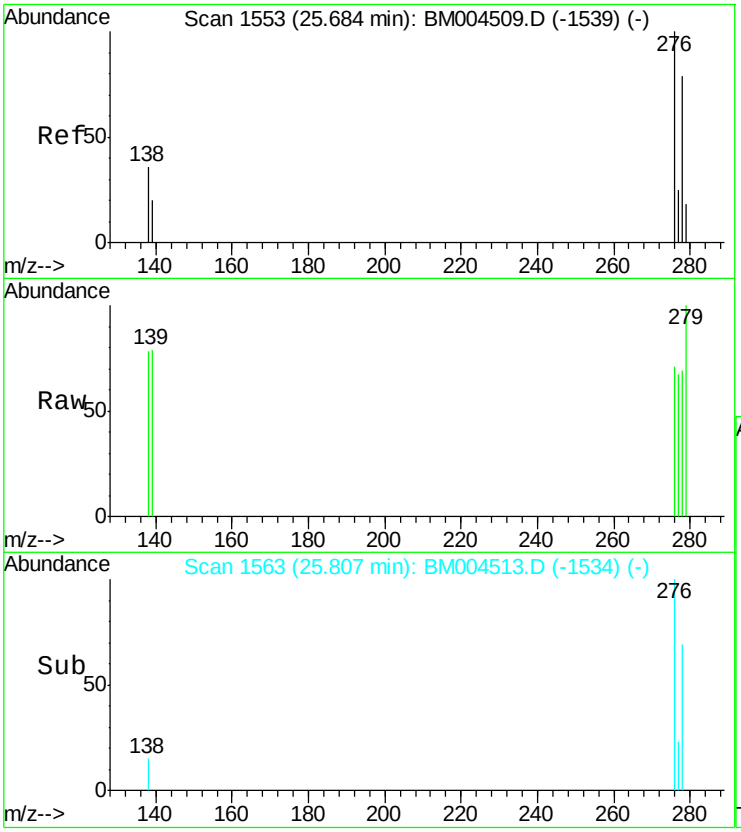


#38
Benzo(a)pyrene
Concen: 0.01 ng
RT: 23.37 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:252 Resp: 191

Ion	Ratio	Lower	Upper
252	100		
253	112.5	19.0	28.6#
125	85.4	13.7	20.5#



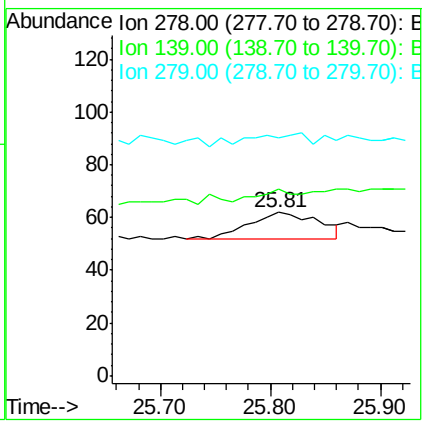


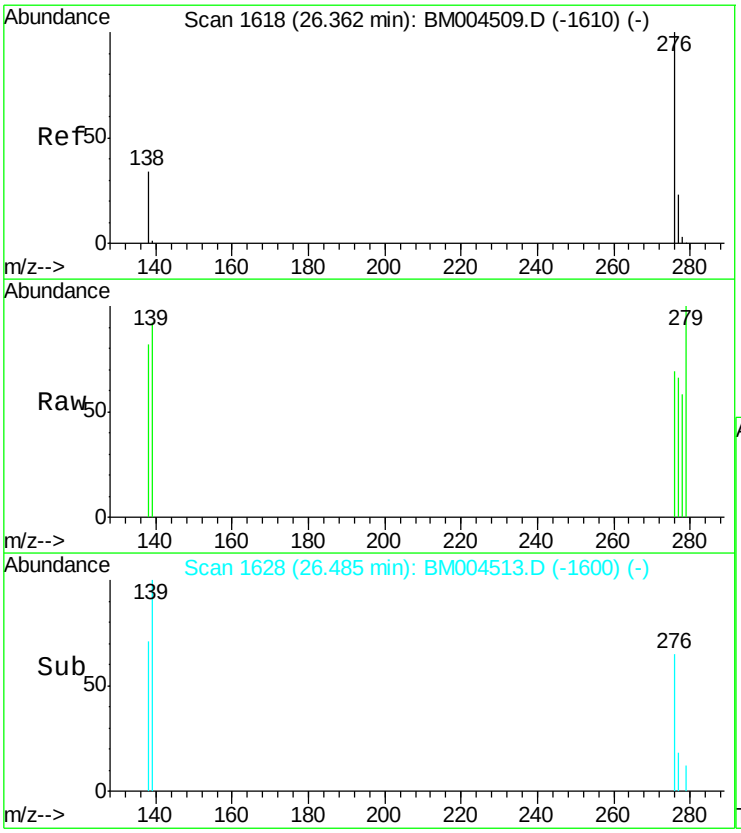
#39
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.81 min Scan# 1563
Delta R.T. 0.10 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tgt Ion:278 Resp: 43

Ion	Ratio	Lower	Upper
278	100		
139	114.5	22.6	33.8#
279	145.2	20.1	30.1#





#40
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.48 min Scan# 1628
Delta R.T. 0.09 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:276 Resp: 51

Ion	Ratio	Lower	Upper
276	100		
277	95.2	19.8	29.8#
138	119.0	26.6	40.0#