Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004518.D
Acq On : 02 Mar 2016 13:56
Operator : SJ/UM
Sample : H1509-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-4

Quant Time: Mar 02 15:42:07 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	18107	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	71627	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	38740	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	91455	5.00	ng		0.00
26) Chrysene-d12	21.23	240	70039	5.00	ng		0.00
35) Perylene-d12	23.45	264	66007	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	11051	2.92	ng		-0.02
5) Phenol-d6	6.81	99	7775	1.65	ng		-0.02
8) Nitrobenzene-d5	8.78	82	15336	4.03	ng		-0.01
14) 2,4,6-Tribromophenol	15.77	330	12785	8.94	ng		-0.02
15) 2-Fluorobiphenyl	12.88	172	57376	4.76	ng		0.00
29) Terphenyl-d14	19.67	244	52824	5.09	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.40	42	51	0.04	ng	#	1
6) bis(2-Chloroethyl)ether	6.97	93	1176	0.36	ng	#	29
9) Nitrobenzene	8.78	77	33	0.19	ng	#	26
10) Naphthalene	10.44	128	931	0.05	ng	#	37
12) 2-Methylnaphthalene	12.08	142	220	0.02	ng	#	56
16) Acenaphthylene	13.97	152	192	0.11	ng	#	79
17) Acenaphthene	14.26	154	186	Below Cal		#	5
18) Fluorene	15.33	166	119	Below Cal		#	89
20) 4-Bromophenyl-phenylether	16.22	248	2	0.13	ng	#	1
21) Hexachlorobenzene	16.35	284	3	Below Cal		#	100
22) Pentachlorophenol	16.73	266	101	0.33	ng		87
23) Phenanthrene	17.06	178	1573	Below Cal		#	87
24) Anthracene	17.16	178	583	0.21	ng	#	92
25) Fluoranthene	19.11	202	4152	0.13	ng	#	95
27) Benzidine	19.23	184	69	0.36	ng	#	1
28) Pyrene	19.47	202	3887	0.13	ng		97
30) Benzo(a)anthracene	21.27	228	5415	0.28	ng	#	90
31) 3,3'-Dichlorobenzidine	21.27	252	165	0.02	ng	#	1
32) Chrysene	21.27	228	5548	0.09	ng	#	88
33) Bis(2-ethylhexyl)phthalate	21.12	149	7192	0.60	ng	#	94
34) Indeno(1,2,3-cd)pyrene	25.72	276	881	0.04	ng		98
36) Benzo(b)fluoranthene	22.80	252	5098	0.04	ng	#	40
37) Benzo(k)fluoranthene	22.80	252	4590	0.18	ng	#	40
38) Benzo(a)pyrene	23.36	252	875	0.04	ng	#	1
40) Benzo(g,h,i)perylene	26.39	276	1142	0.06	ng	#	56

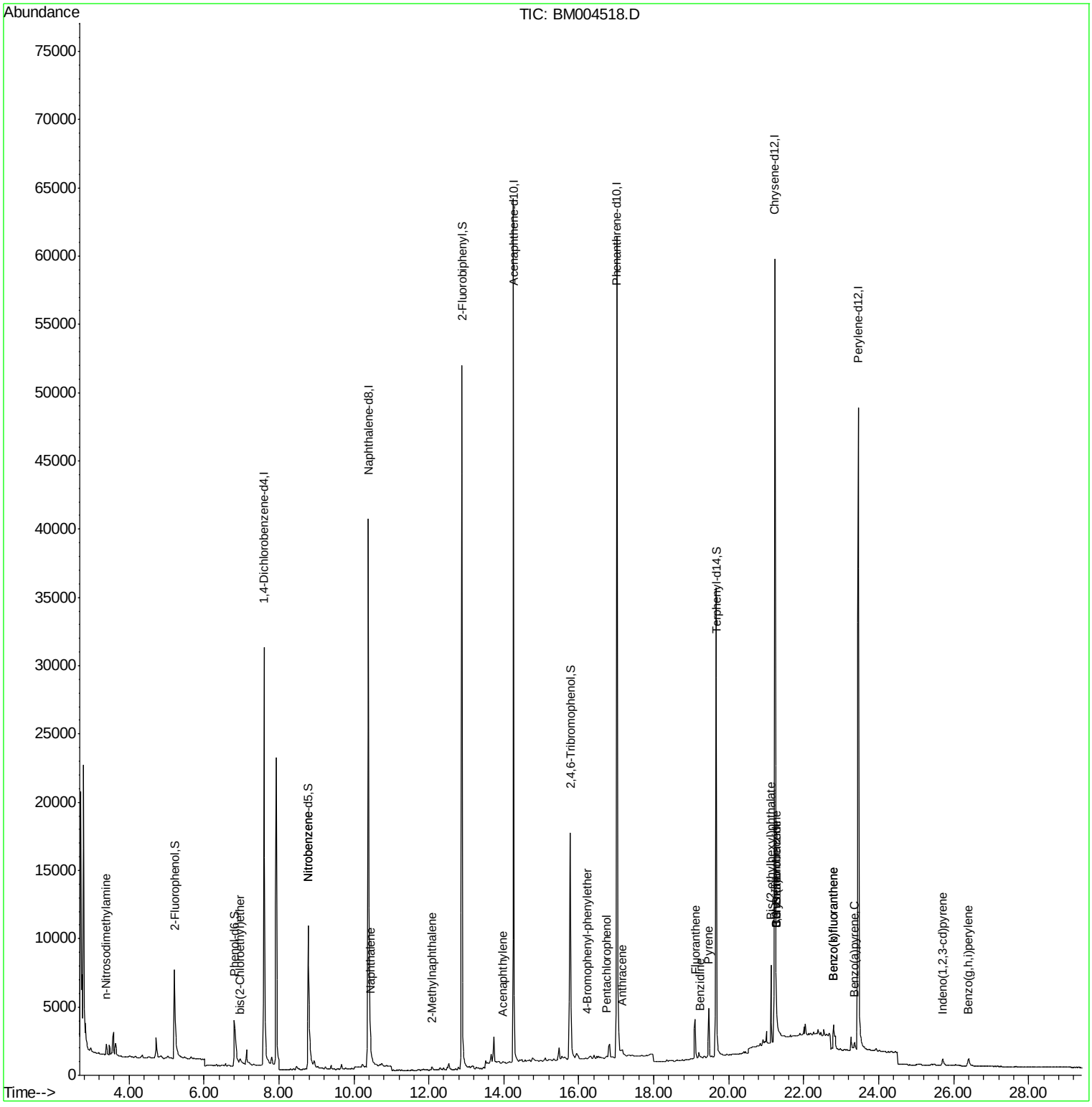
(#) = qualifier out of range (m) = manual integration (+) = signals summed

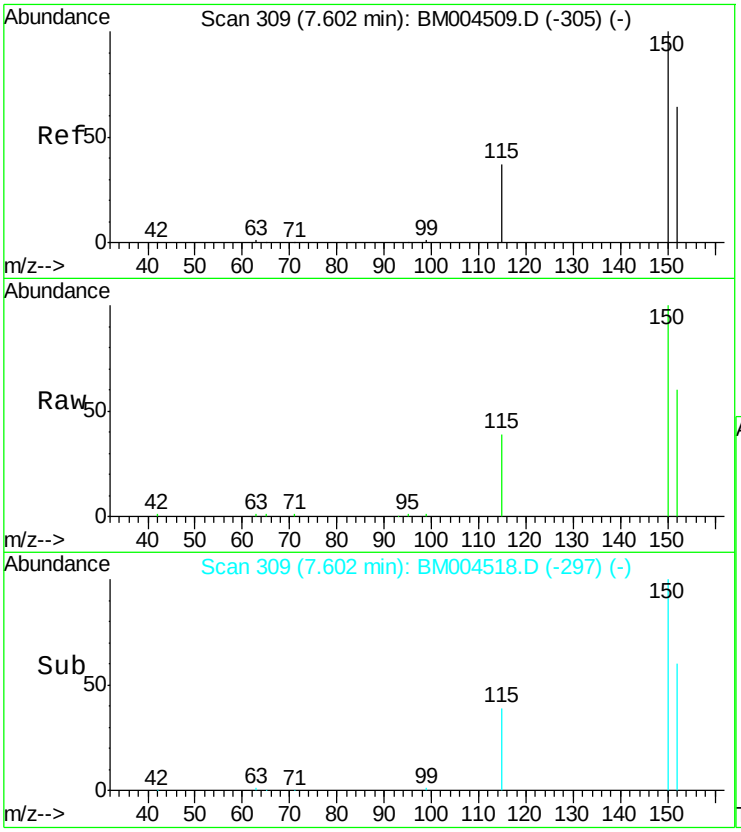
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004518.D
Acq On : 02 Mar 2016 13:56
Operator : SJ/UM
Sample : H1509-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-4

Quant Time: Mar 02 15:42:07 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



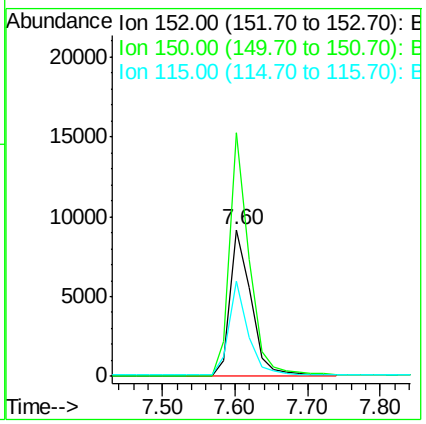


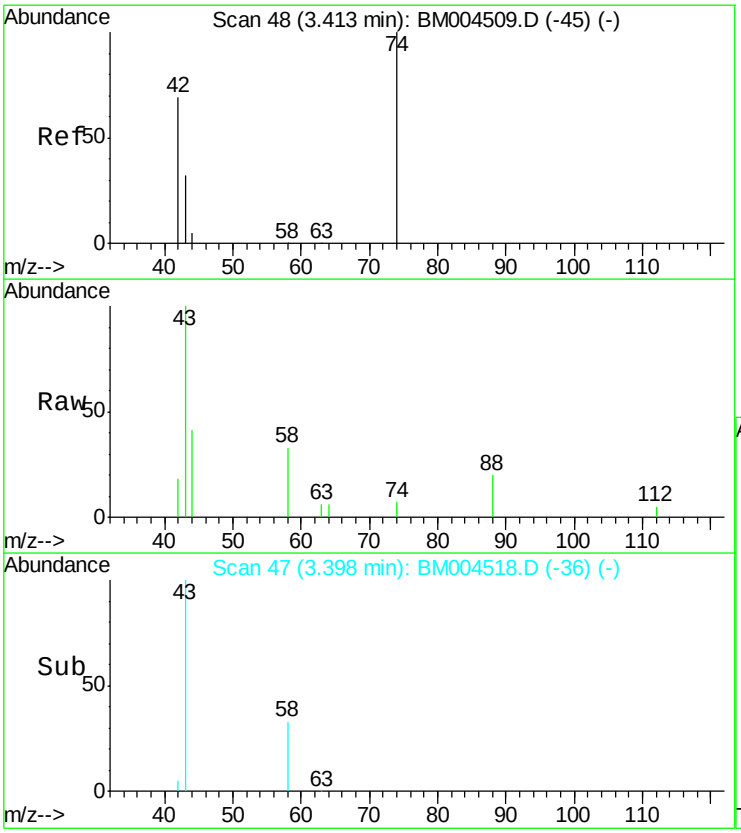
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 18107

Ion	Ratio	Lower	Upper
152	100		
150	165.7	134.2	201.2
115	64.9	52.2	78.4

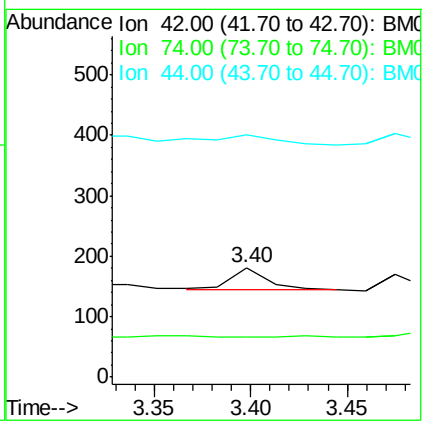


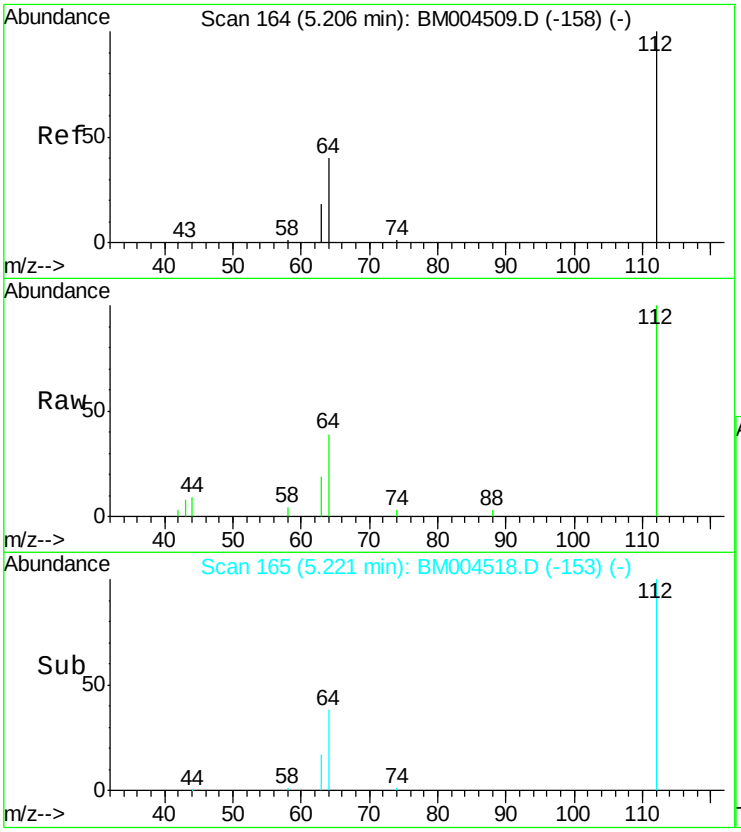


#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.40 min Scan# 47
Delta R.T. -0.03 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion: 42 Resp: 51

Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.5	173.3#
44	52.9	6.2	9.4#



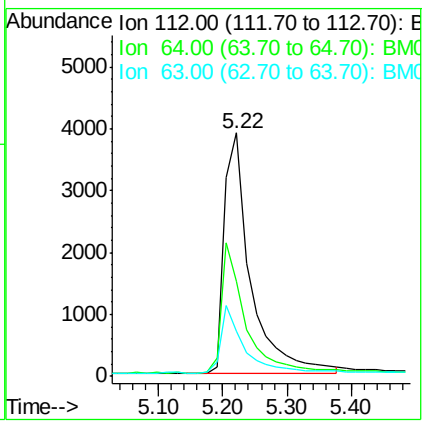


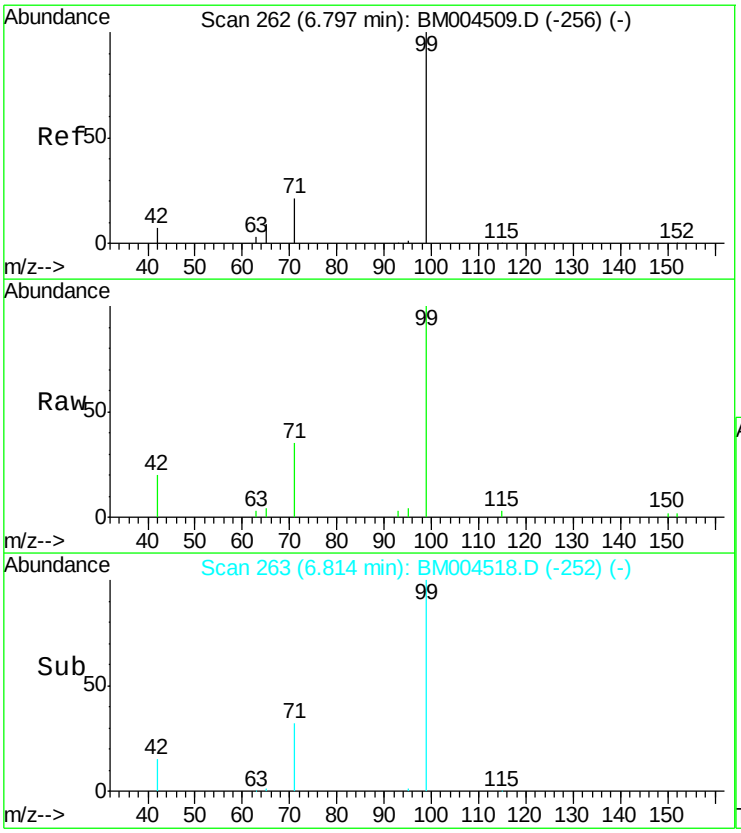
#4
2-Fluorophenol
Concen: 2.92 ng
RT: 5.22 min Scan# 165
Delta R.T. -0.02 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:112 Resp: 11051

Ion	Ratio	Lower	Upper
112	100		
64	48.9	37.0	55.6
63	24.4	19.0	28.4

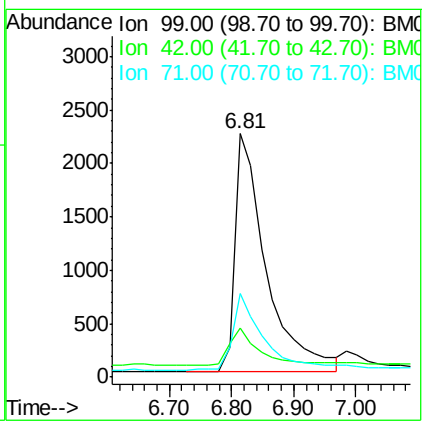


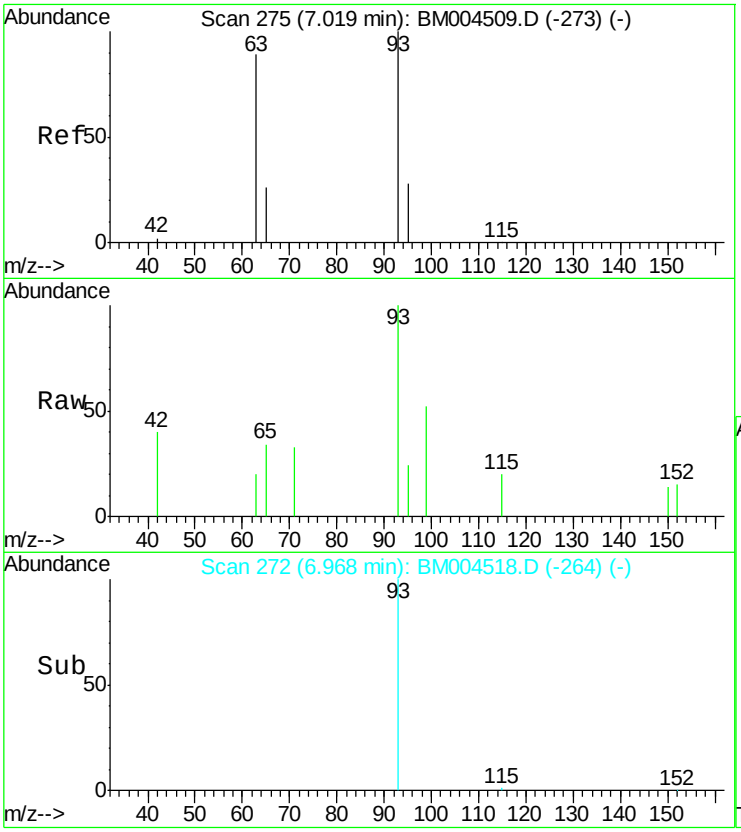


#5
Phenol-d6
Concen: 1.65 ng
RT: 6.81 min Scan# 263
Delta R.T. -0.02 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion: 99 Resp: 7775

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.4
71	31.7	23.4	35.2



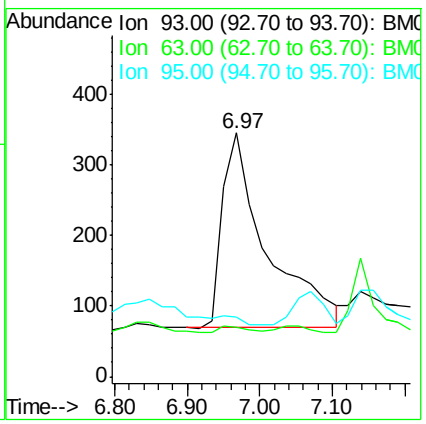


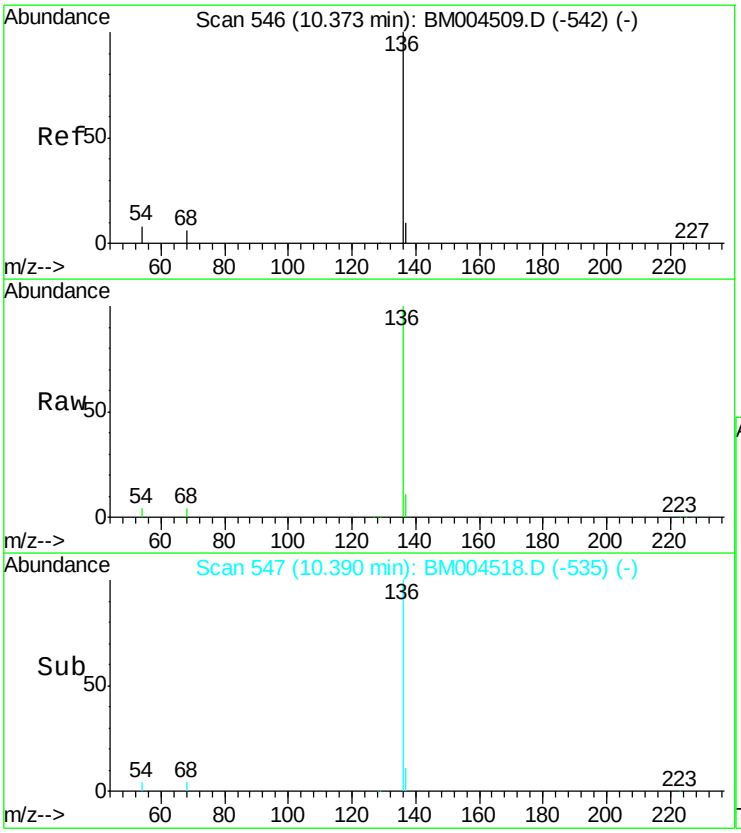
#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 6.97 min Scan# 272
Delta R.T. -0.07 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion: 93 Resp: 1176

Ion	Ratio	Lower	Upper
93	100		
63	2.4	51.1	76.7#
95	0.0	25.0	37.6#

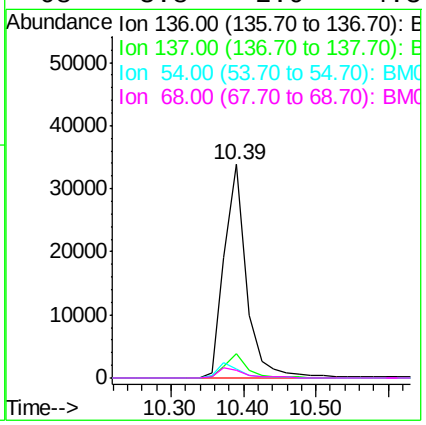


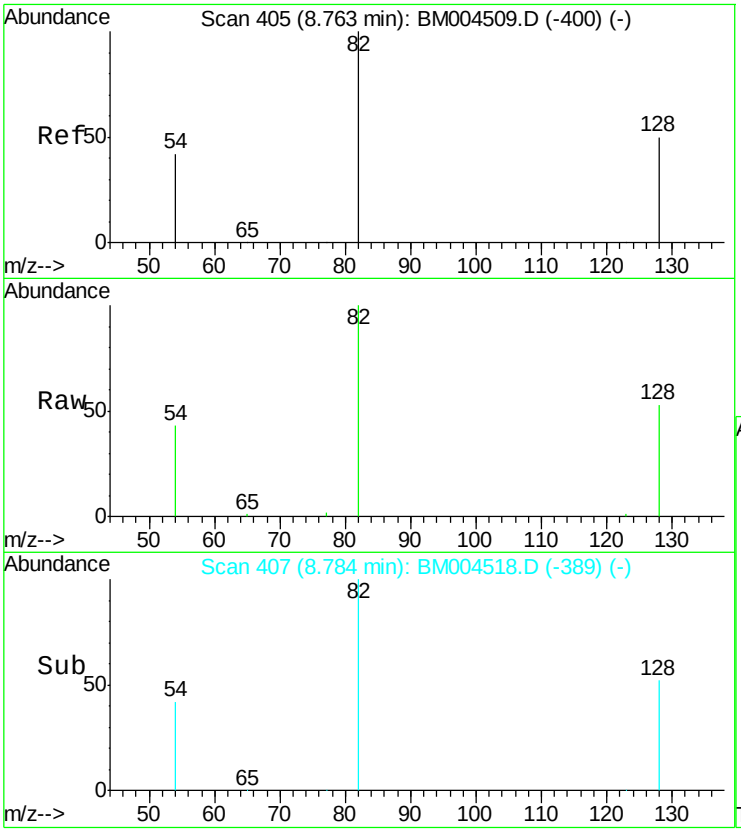


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:136 Resp: 71627

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	4.3	3.3	4.9
68	3.8	2.9	4.3



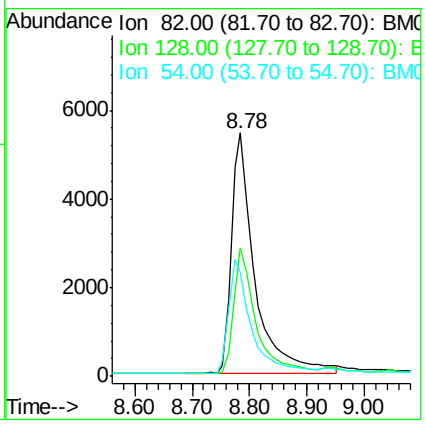


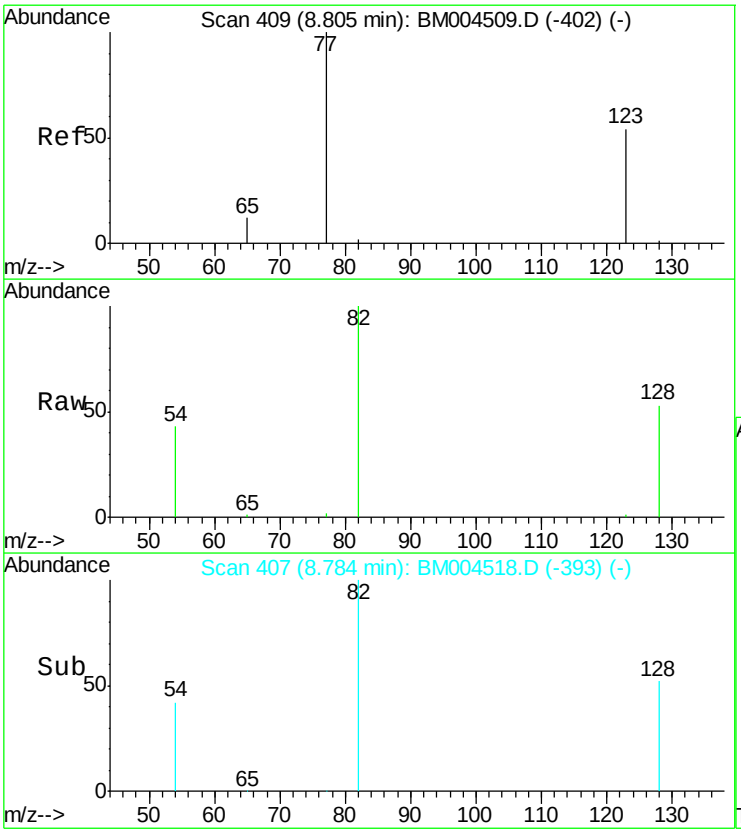
#8
Nitrobenzene-d5
Concen: 4.03 ng
RT: 8.78 min Scan# 407
Delta R.T. -0.01 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 15336

Ion	Ratio	Lower	Upper
82	100		
128	52.7	41.9	62.9
54	42.5	34.2	51.2

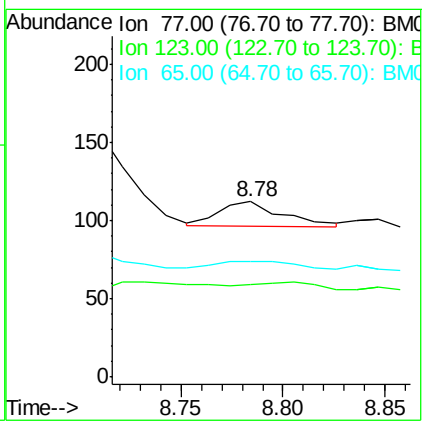


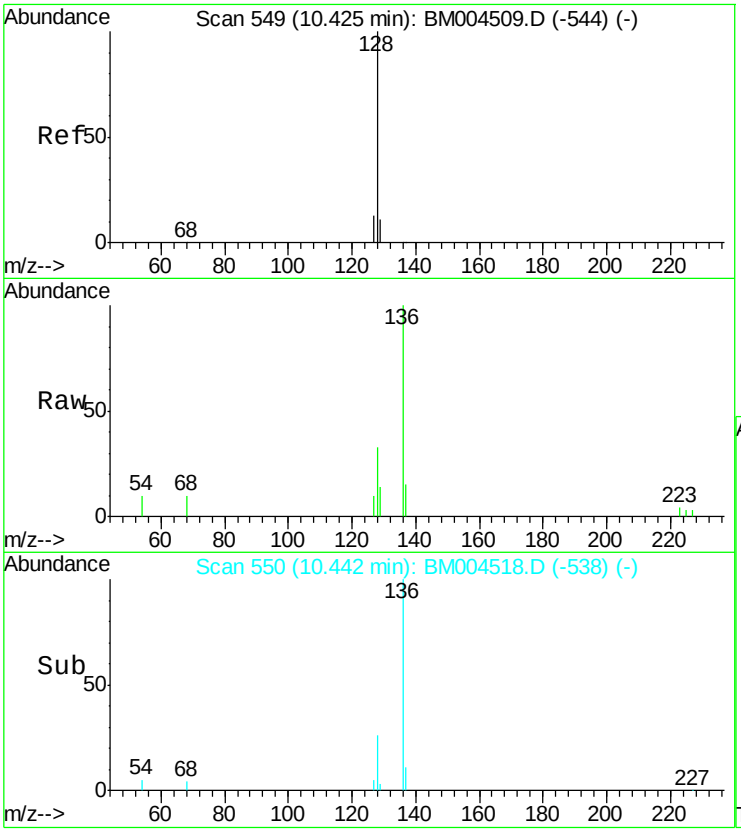


#9
Nitrobenzene
Concen: 0.19 ng
RT: 8.78 min Scan# 407
Delta R.T. -0.05 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion: 77 Resp: 33

Ion	Ratio	Lower	Upper
77	100		
123	0.0	42.5	63.7#
65	39.4	10.0	15.0#



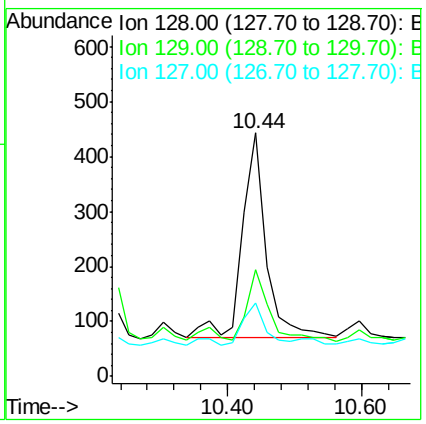


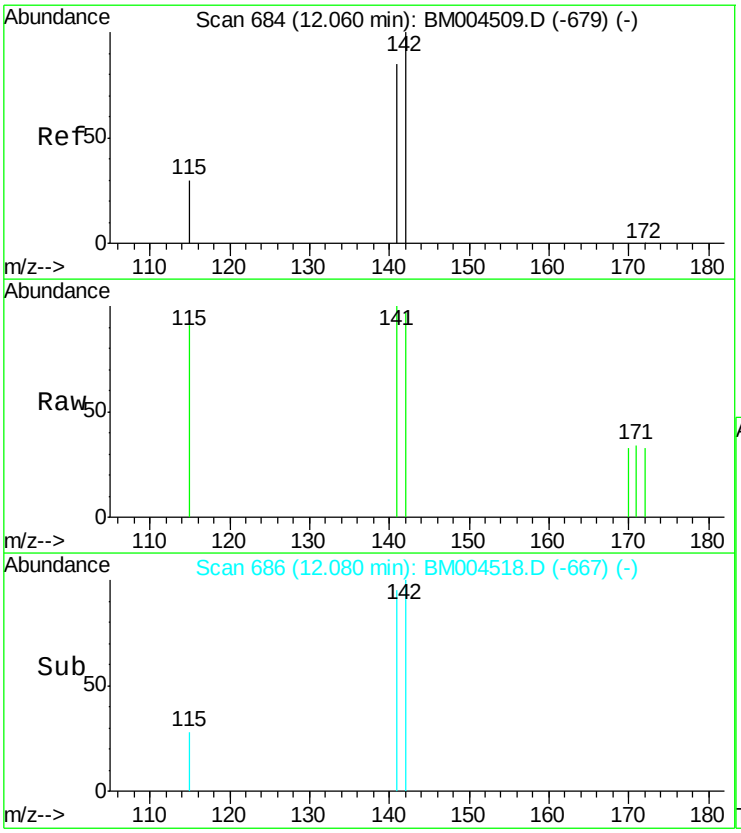
#10
Naphthalene
Concen: 0.05 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:128 Resp: 931

Ion	Ratio	Lower	Upper
128	100		
129	44.0	9.8	14.6#
127	30.2	9.9	14.9#

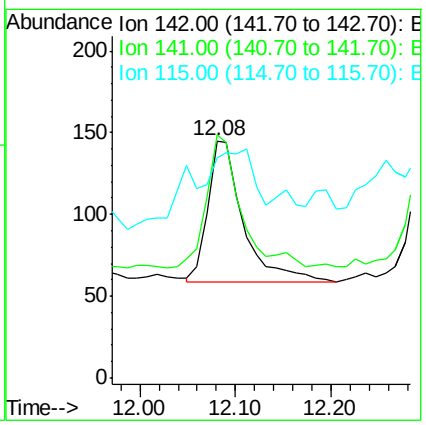


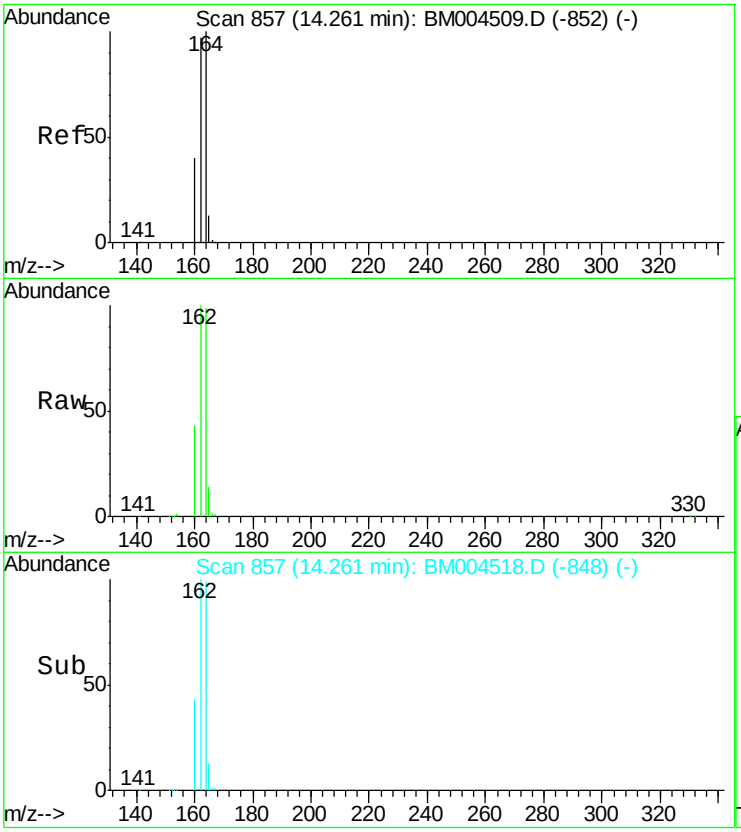


#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.08 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:142 Resp: 220

Ion	Ratio	Lower	Upper
142	100		
141	102.8	68.5	102.7#
115	93.1	24.6	36.8#



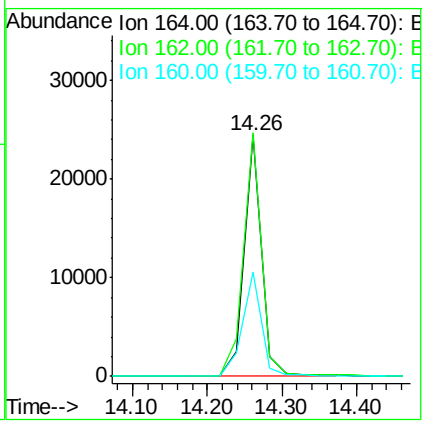


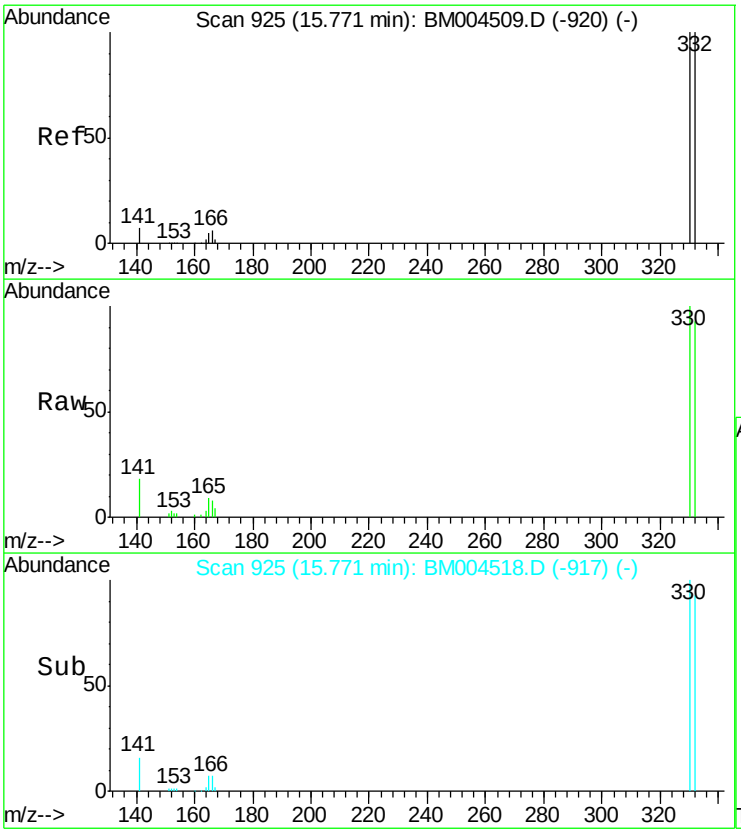
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:164 Resp: 38740

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.6	122.4
160	43.5	34.9	52.3

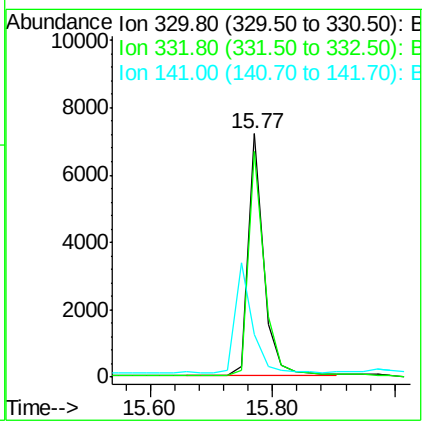


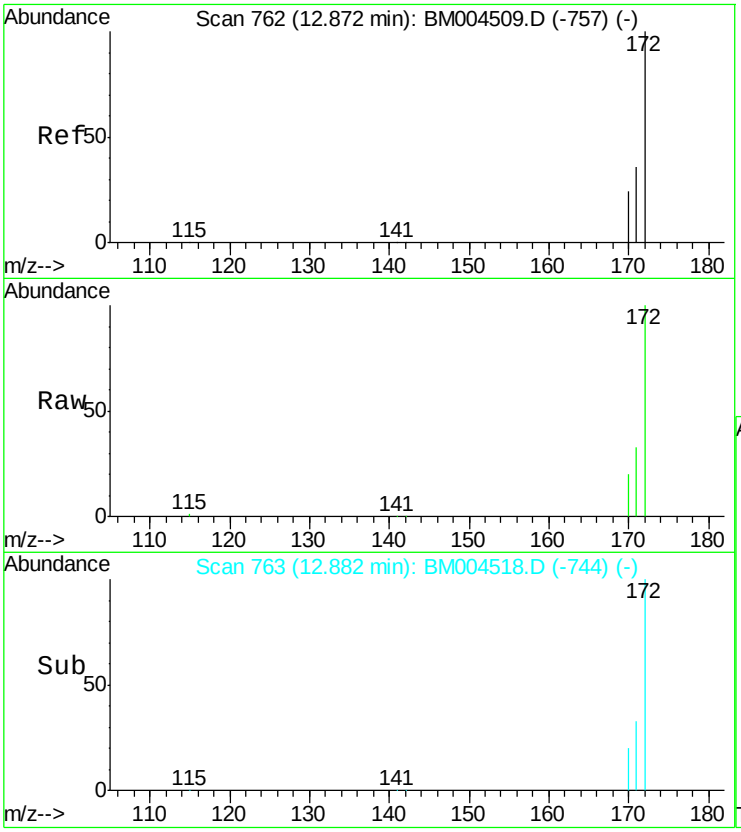


#14
2,4,6-Tribromophenol
Concen: 8.94 ng
RT: 15.77 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:330 Resp: 12785

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	0.0	0.0	0.0



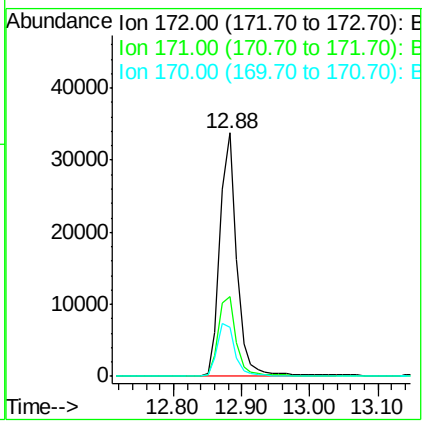


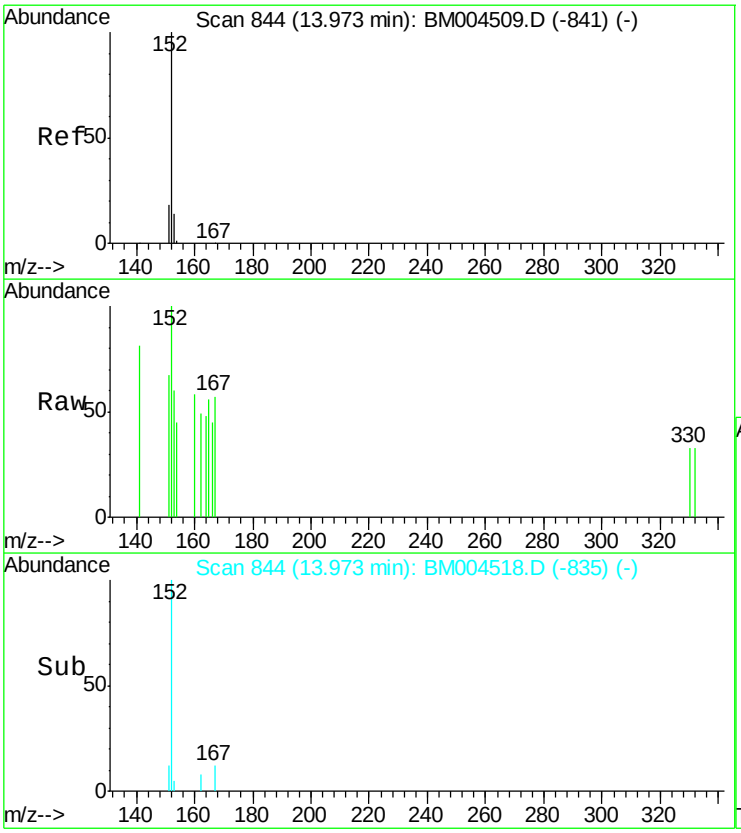
#15
2-Fluorobiphenyl
Concen: 4.76 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:172 Resp: 57376

Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.5	44.3
170	20.0	20.2	30.2#

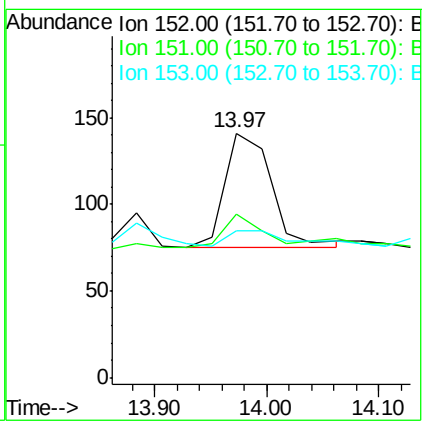


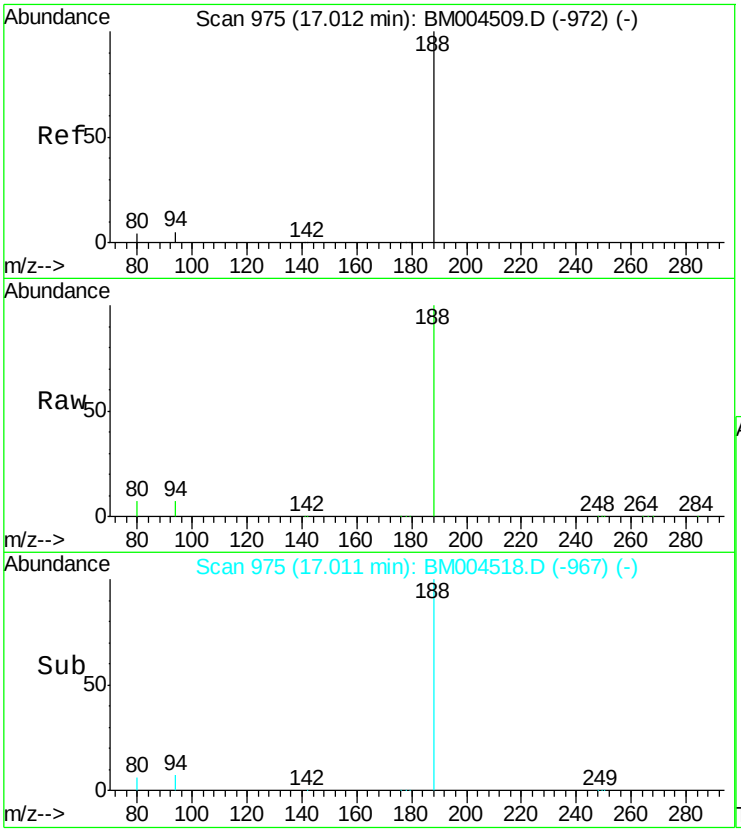


#16
Acenaphthylene
Concen: 0.11 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:152 Resp: 192

Ion	Ratio	Lower	Upper
152	100		
151	30.7	15.8	23.6#
153	19.3	10.2	15.4#



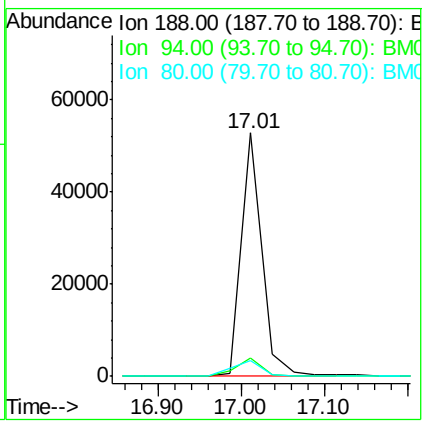


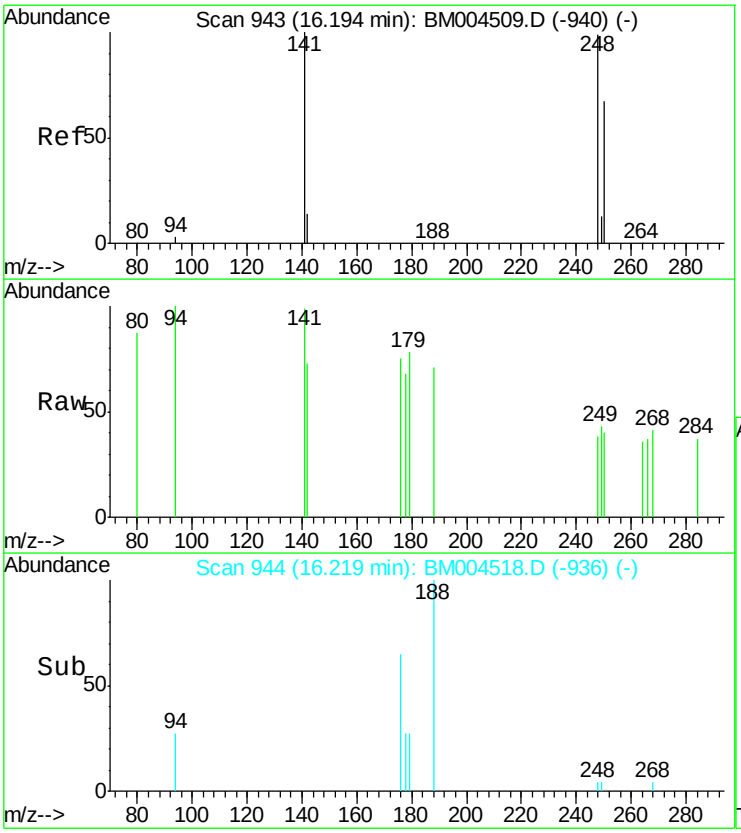
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 91455

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.3	9.5
80	6.6	5.9	8.9

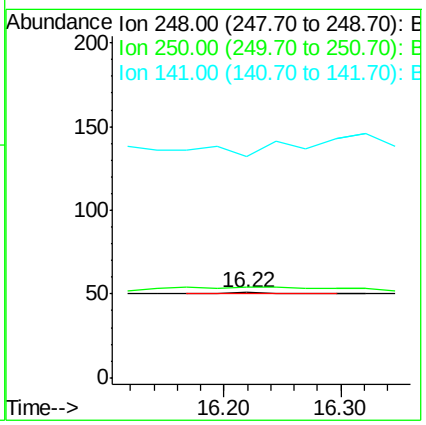


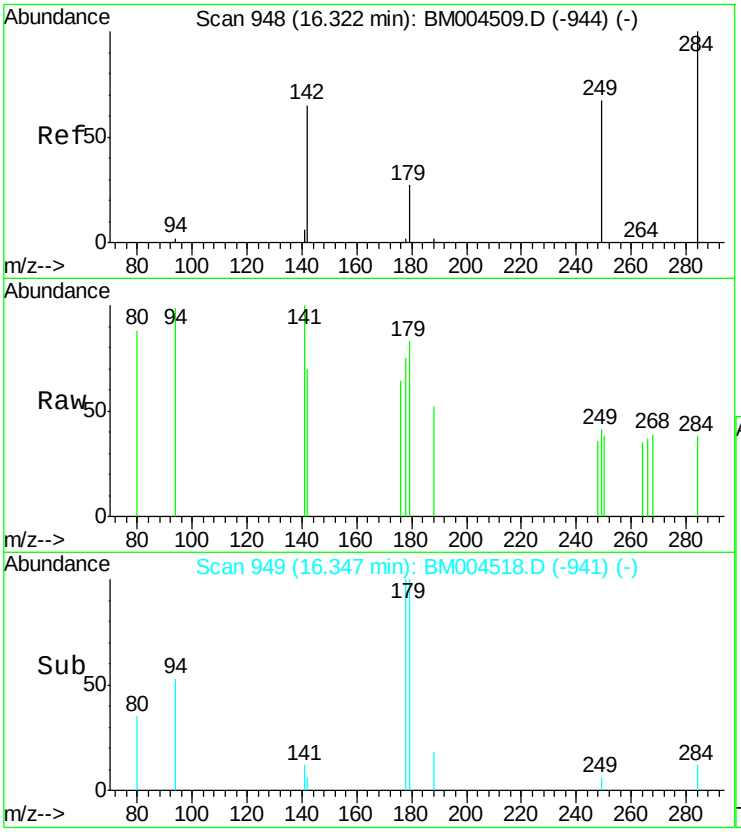


#20
4-Bromophenyl-phenylether
Concen: 0.13 ng
RT: 16.22 min Scan# 944
Delta R.T. 0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:248 Resp: 2

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



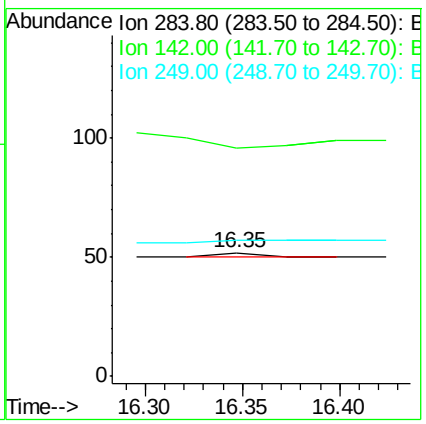


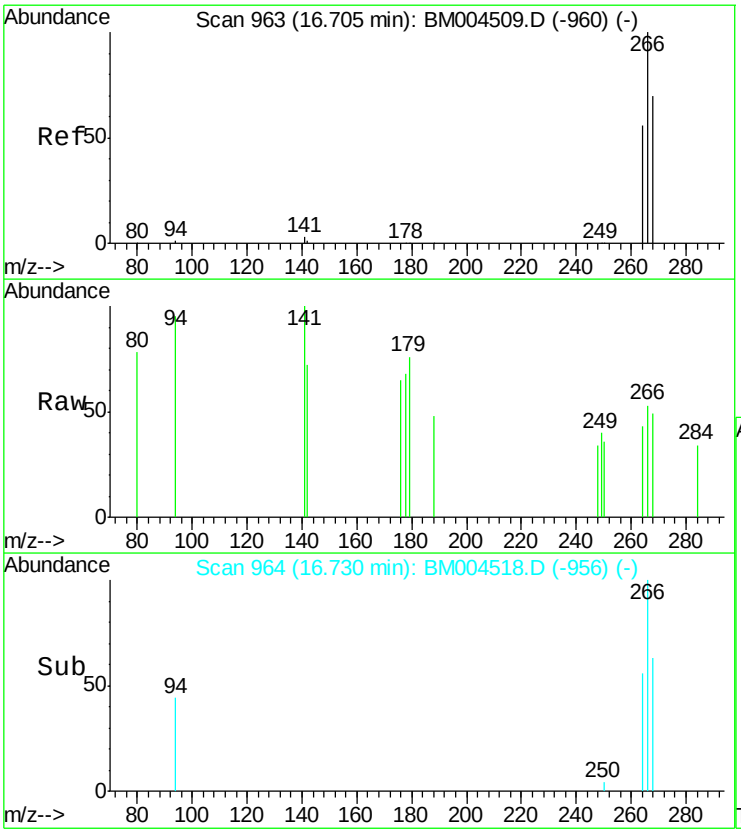
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.35 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:284 Resp: 3

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

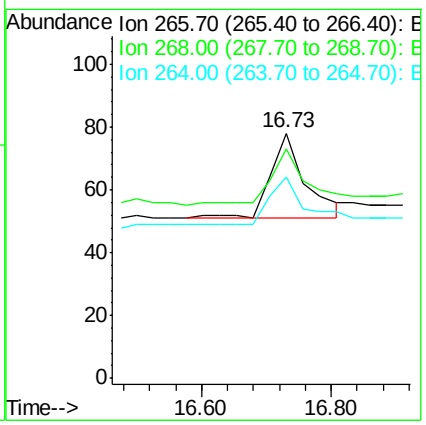


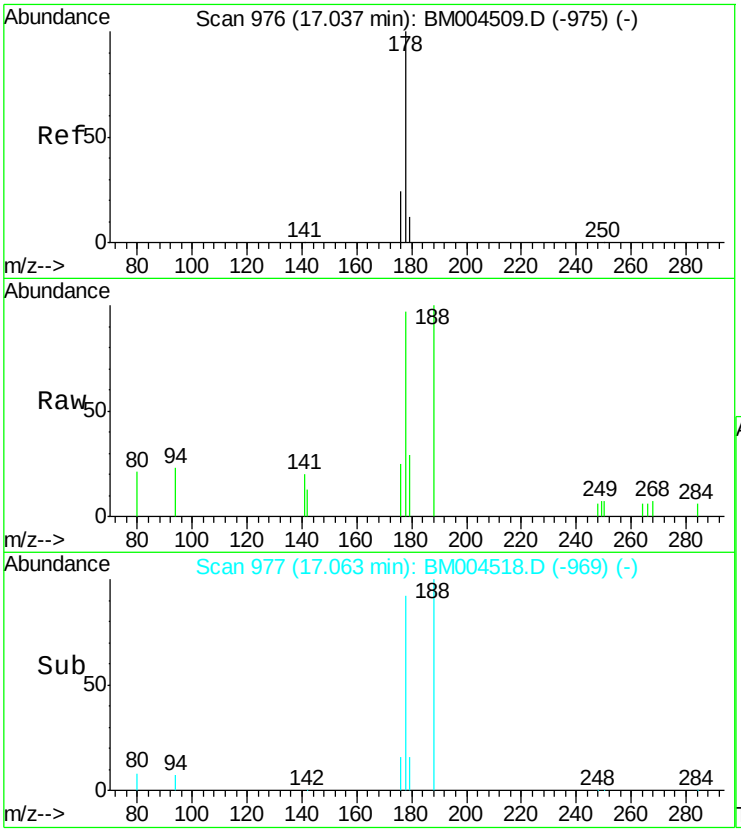


#22
Pentachlorophenol
Concen: 0.33 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:266 Resp: 101

Ion	Ratio	Lower	Upper
266	100		
268	93.6	63.0	94.6
264	82.1	59.6	89.4



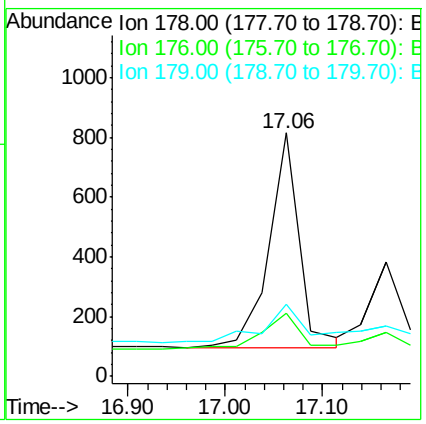


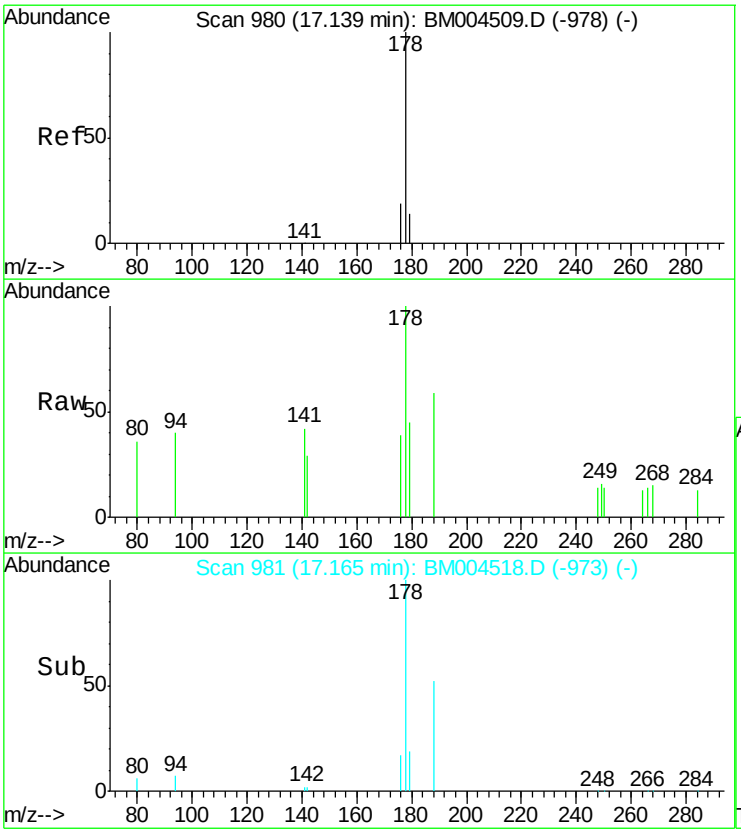
#23
Phenanthrene
Concen: Below Cal
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:178 Resp: 1573

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.0	22.4
179	25.6	12.8	19.2#

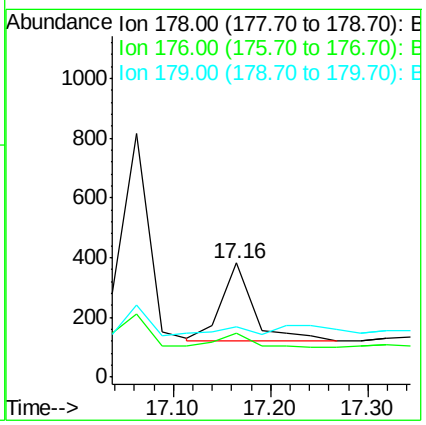


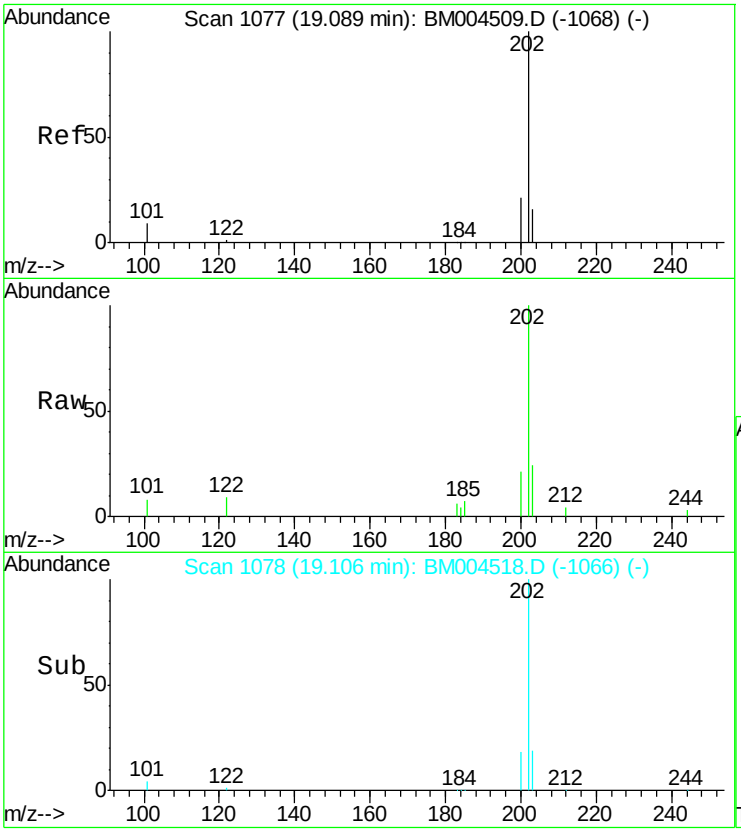


#24
Anthracene
Concen: 0.21 ng
RT: 17.16 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:178 Resp: 583

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.7	22.1
179	9.9	12.2	18.4#



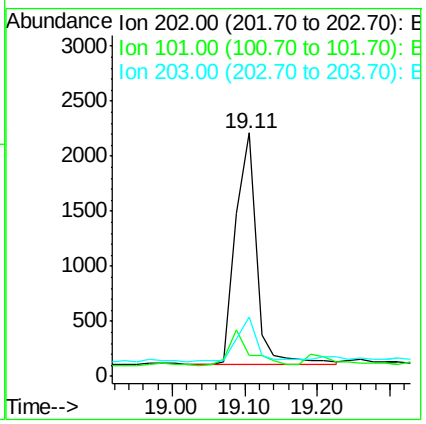


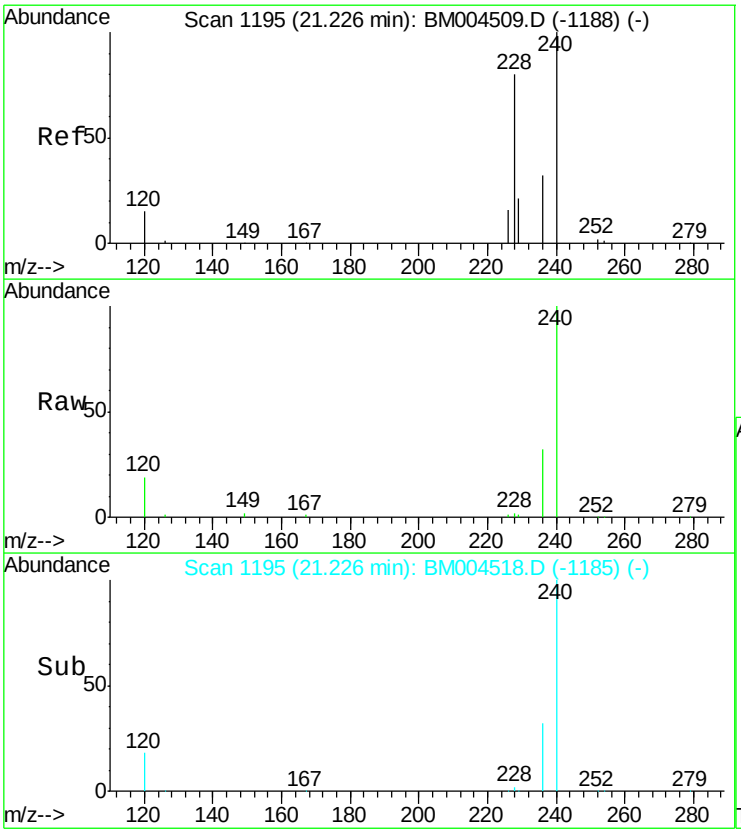
#25
Fluoranthene
Concen: 0.13 ng
RT: 19.11 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:202 Resp: 4152

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.8	14.8#
203	18.4	13.8	20.8

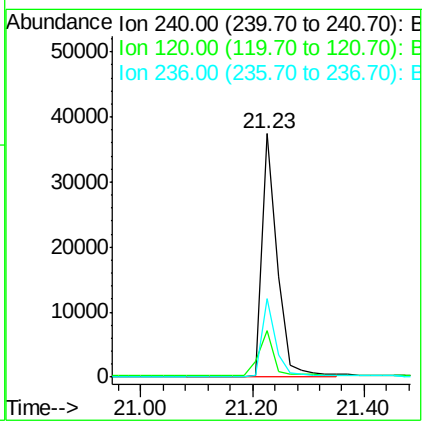


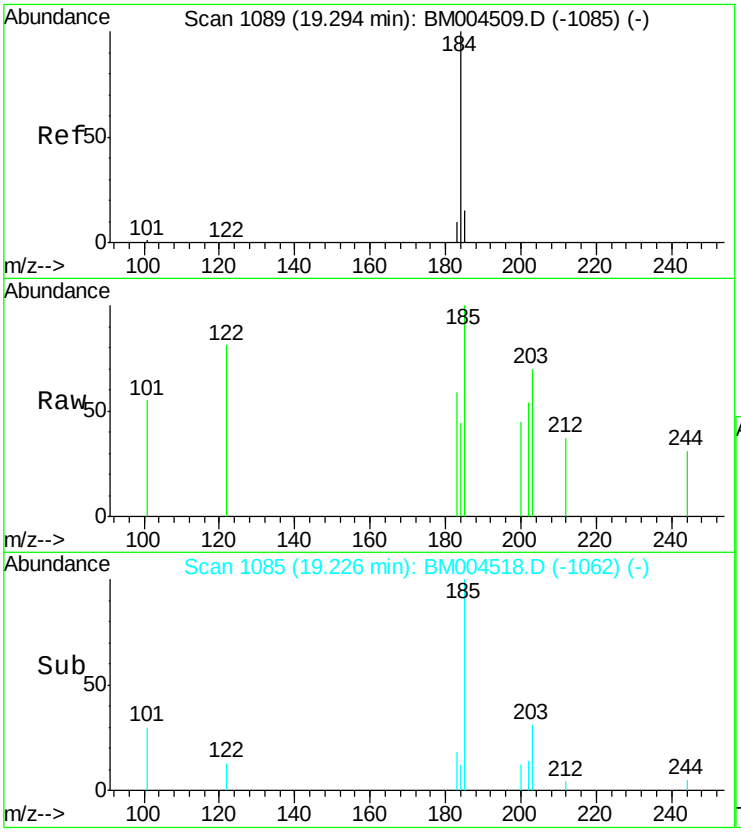


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:240 Resp: 70039

Ion	Ratio	Lower	Upper
240	100		
120	18.9	18.9	28.3#
236	32.5	26.4	39.6



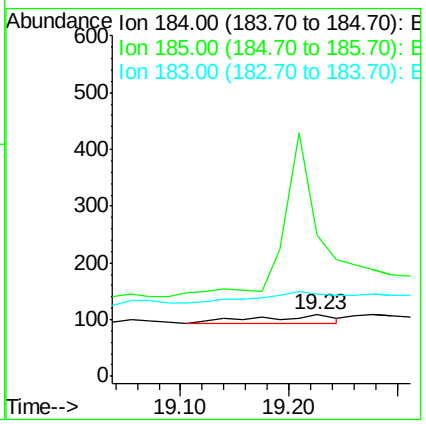


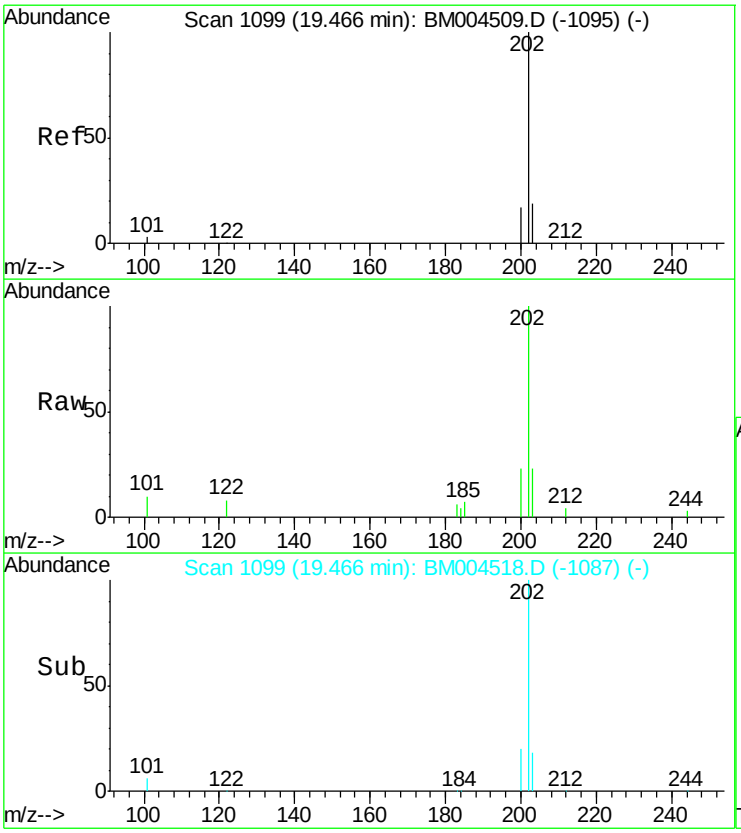
#27
Benzidine
Concen: 0.36 ng
RT: 19.23 min Scan# 1085
Delta R.T. -0.10 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:184 Resp: 69

Ion	Ratio	Lower	Upper
184	100		
185	229.6	15.0	22.4#
183	135.2	12.6	19.0#

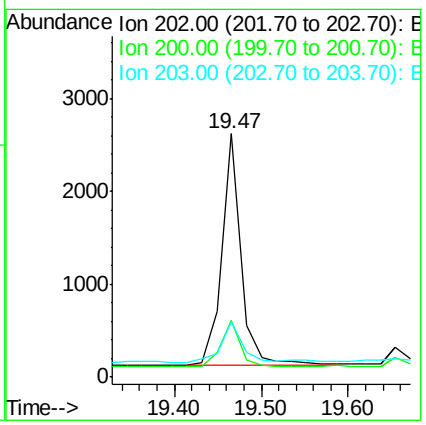


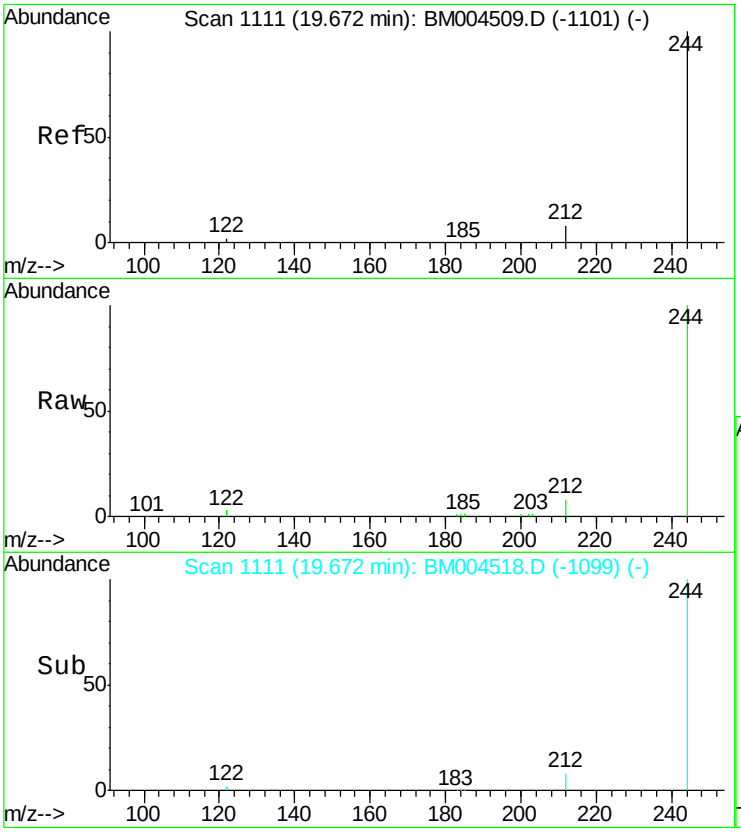


#28
Pyrene
Concen: 0.13 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:202 Resp: 3887

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.6	25.0
203	18.2	13.7	20.5



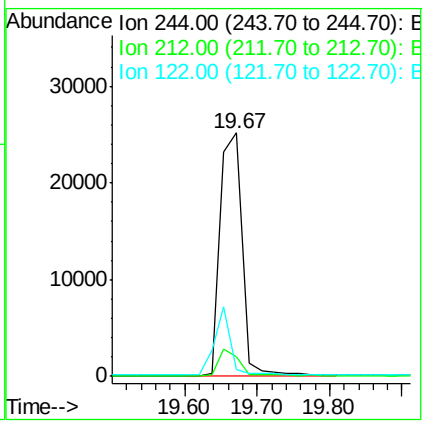


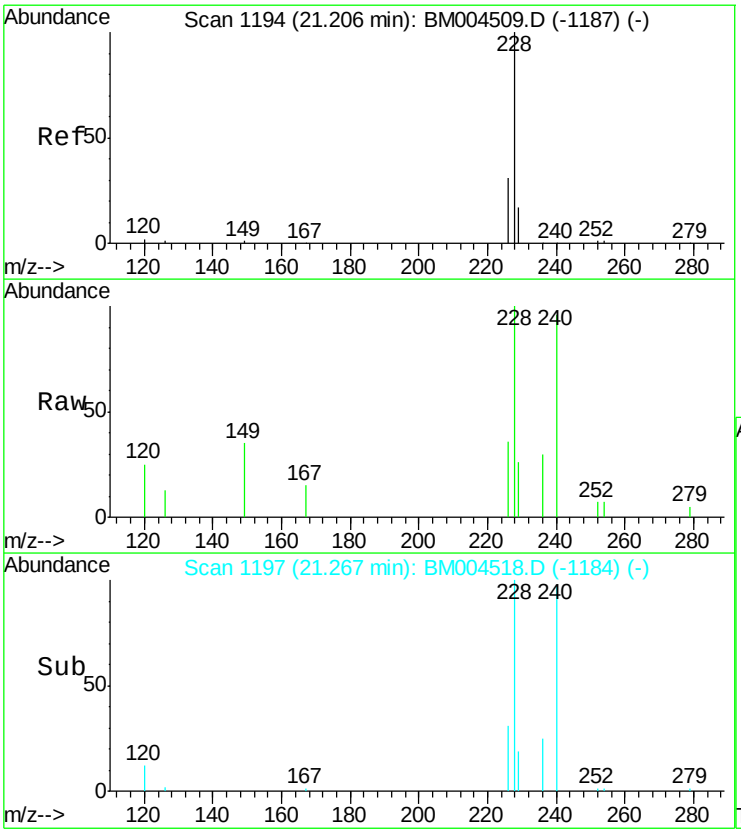
#29
Terphenyl-d14
Concen: 5.09 ng
RT: 19.67 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 52824

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.8	11.6
122	2.6	7.0	10.4#

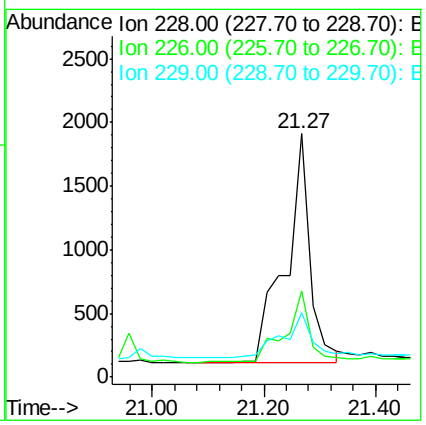


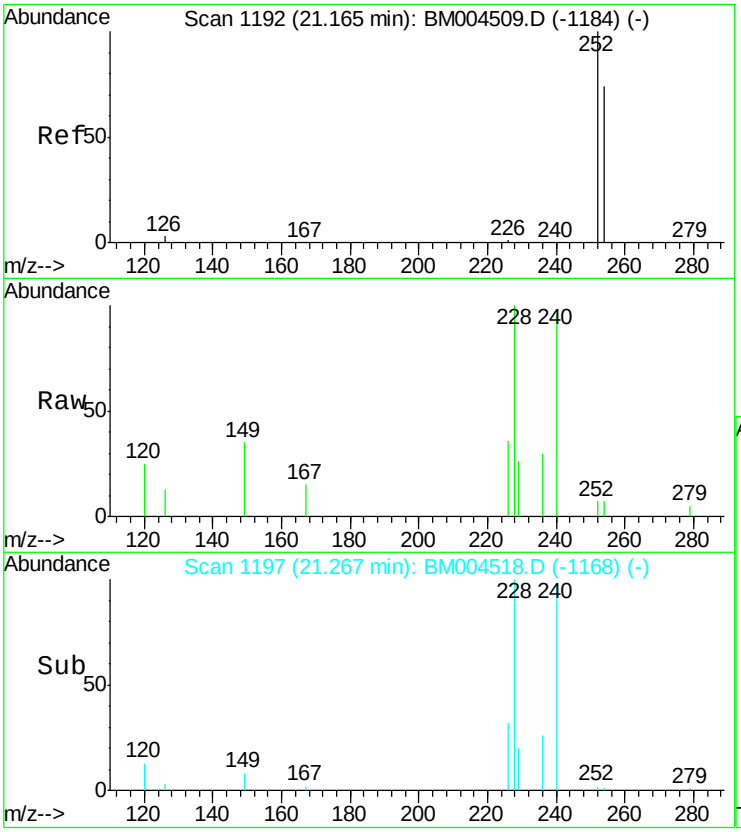


#30
Benzo(a)anthracene
Concen: 0.28 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.06 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:228 Resp: 5415

Ion	Ratio	Lower	Upper
228	100		
226	35.6	27.0	40.4
229	26.4	13.1	19.7#



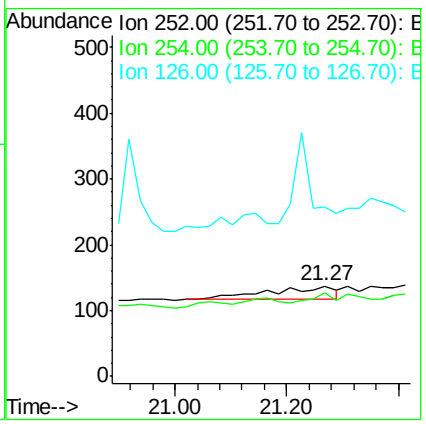


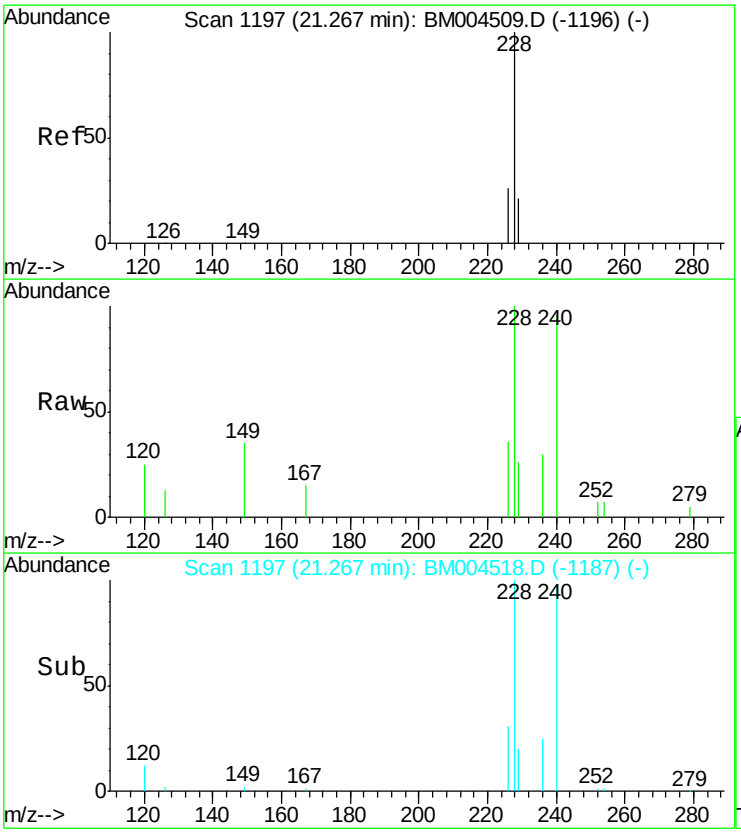
#31
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.10 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:252 Resp: 165

Ion	Ratio	Lower	Upper
252	100		
254	93.4	47.4	71.0#
126	187.6	11.0	16.6#

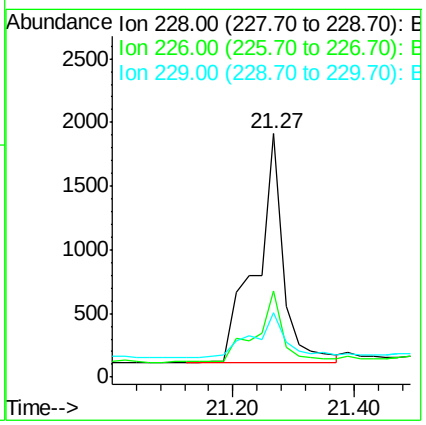


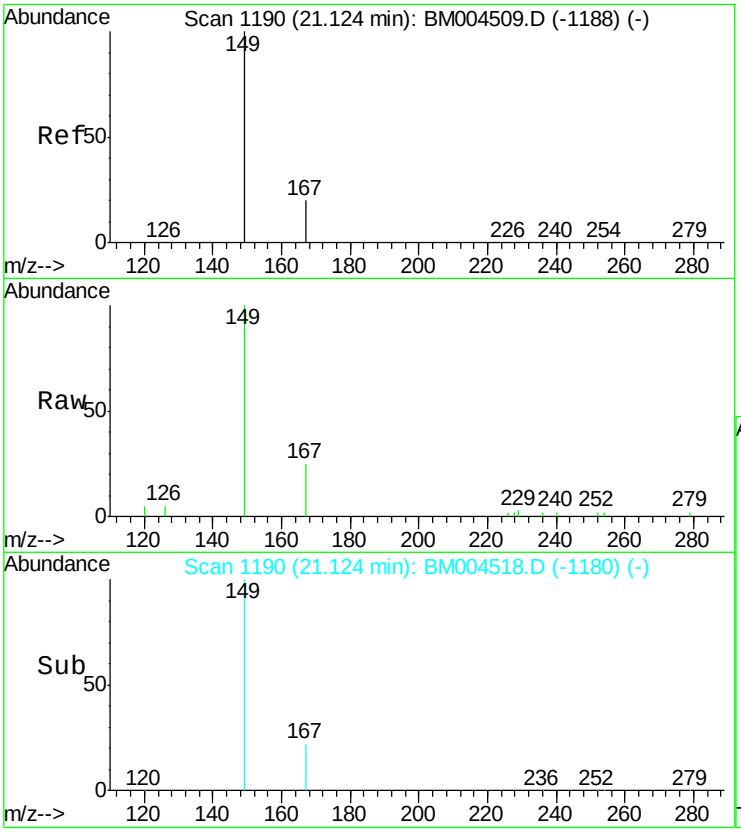


#32
Chrysene
Concen: 0.09 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:228 Resp: 5548

Ion	Ratio	Lower	Upper
228	100		
226	35.6	24.6	37.0
229	26.4	15.2	22.8#



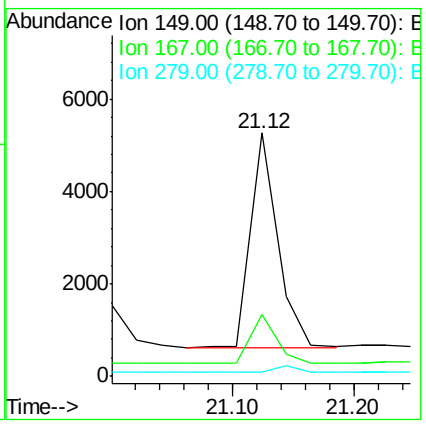


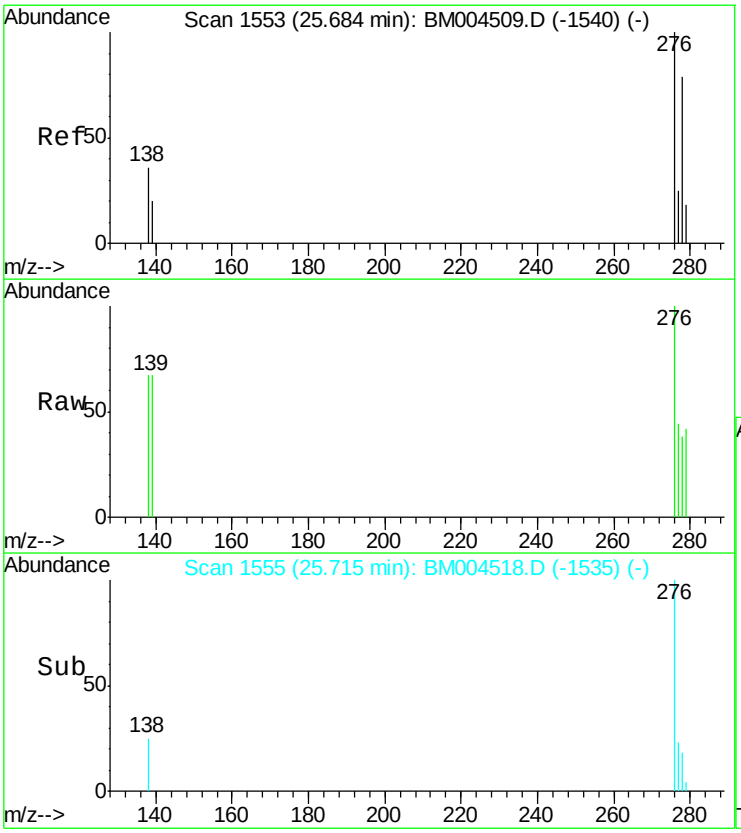
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.60 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:149 Resp: 7192

Ion	Ratio	Lower	Upper
149	100		
167	22.4	20.2	30.4
279	0.0	0.0	0.0

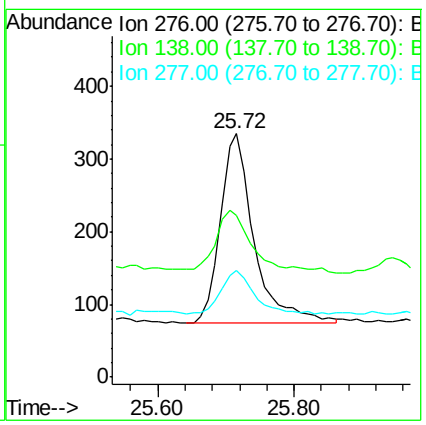


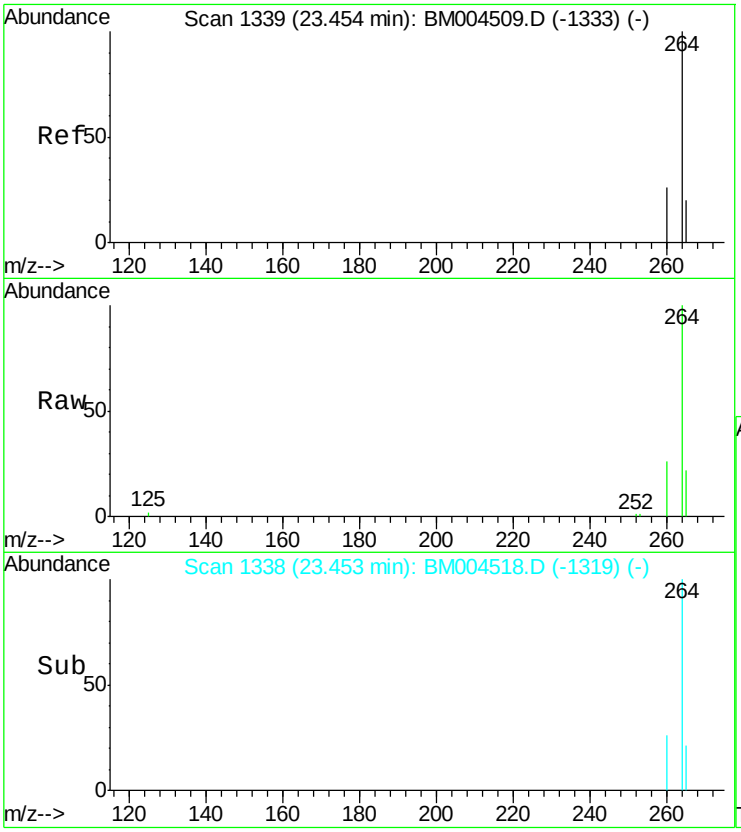


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 25.72 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:276 Resp: 881

Ion	Ratio	Lower	Upper
276	100		
138	38.1	31.0	46.4
277	23.6	19.9	29.9



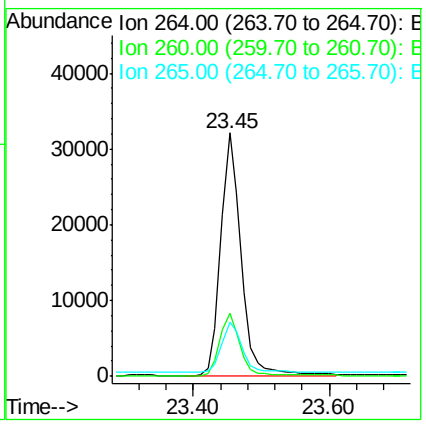


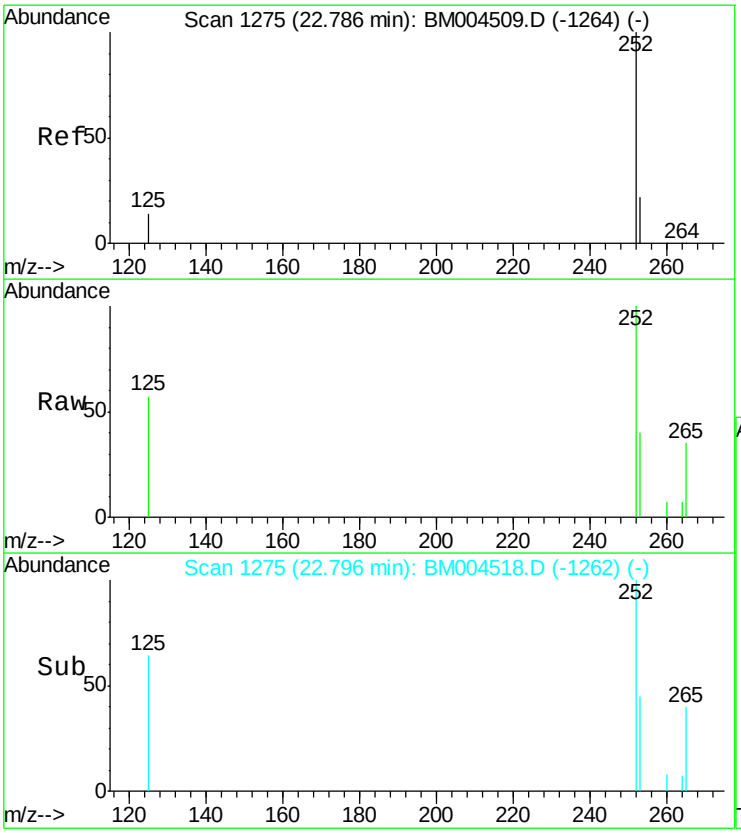
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 66007

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.2	31.8
265	22.5	17.4	26.0

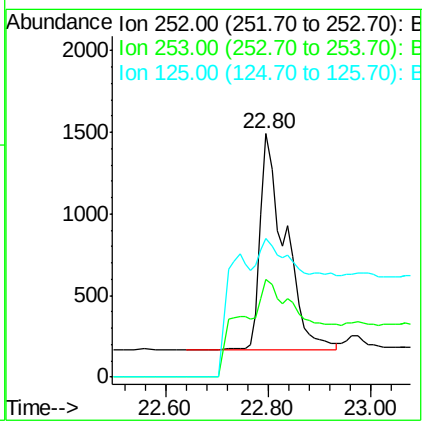


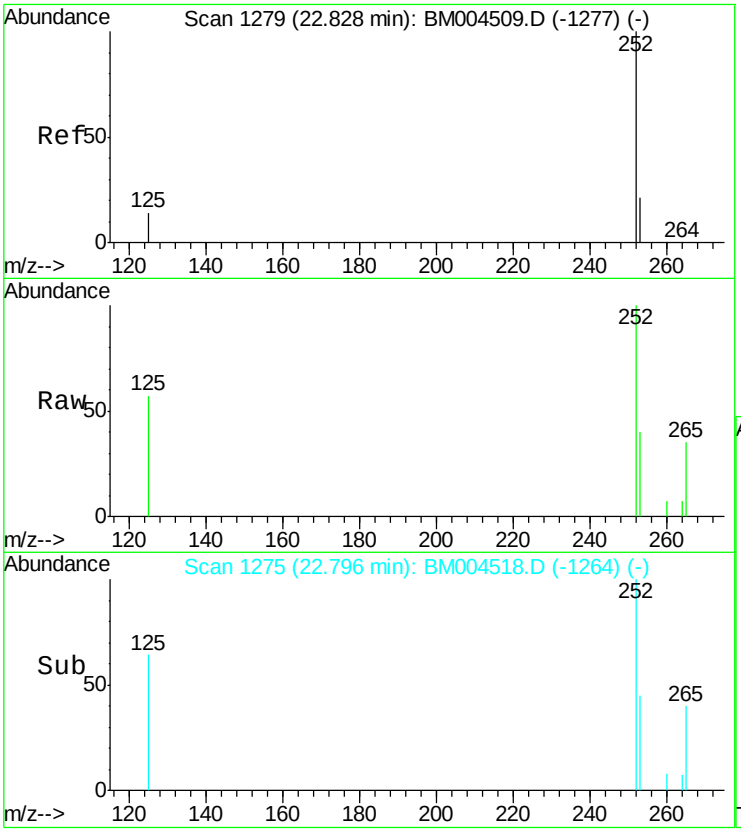


#36
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.80 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:252 Resp: 5098

Ion	Ratio	Lower	Upper
252	100		
253	40.3	19.0	28.4#
125	57.1	11.7	17.5#



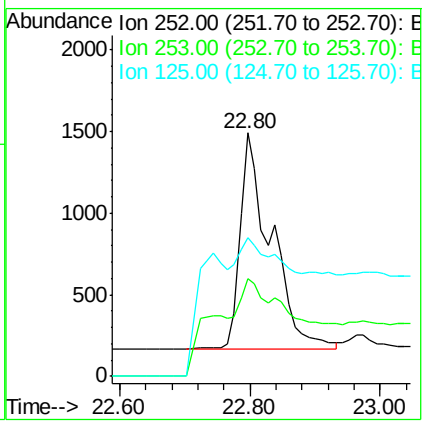


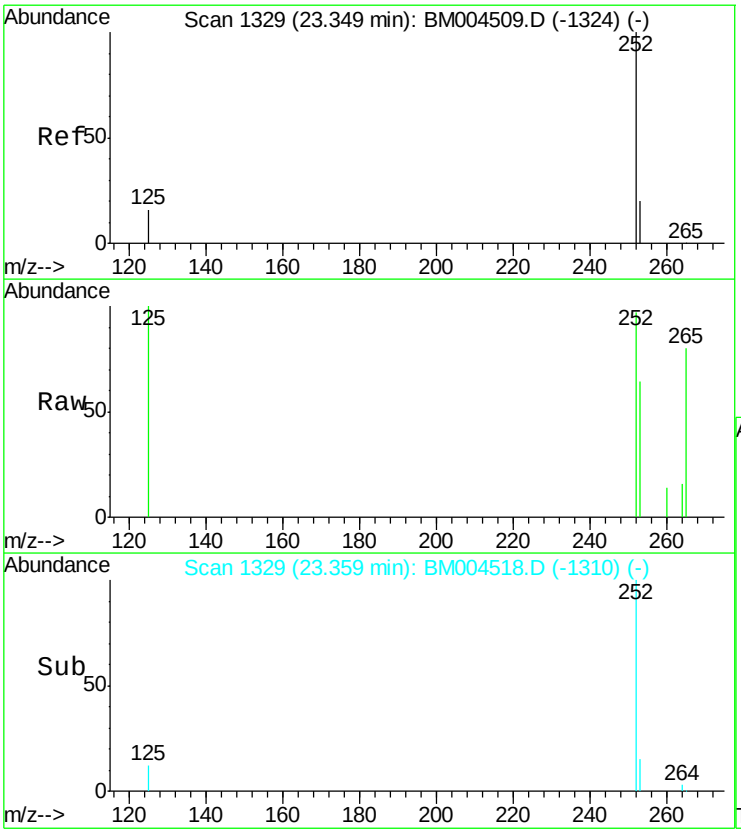
#37
Benzo(k)fluoranthene
Concen: 0.18 ng
RT: 22.80 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:252 Resp: 4590

Ion	Ratio	Lower	Upper
252	100		
253	40.3	18.9	28.3#
125	57.1	11.9	17.9#

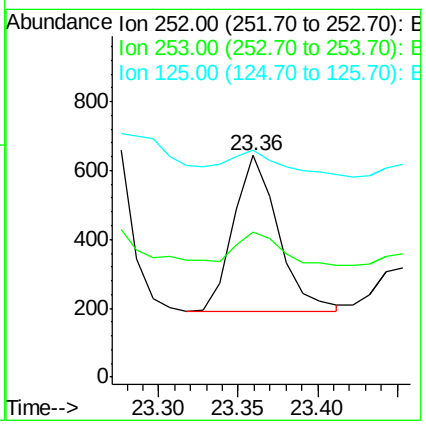


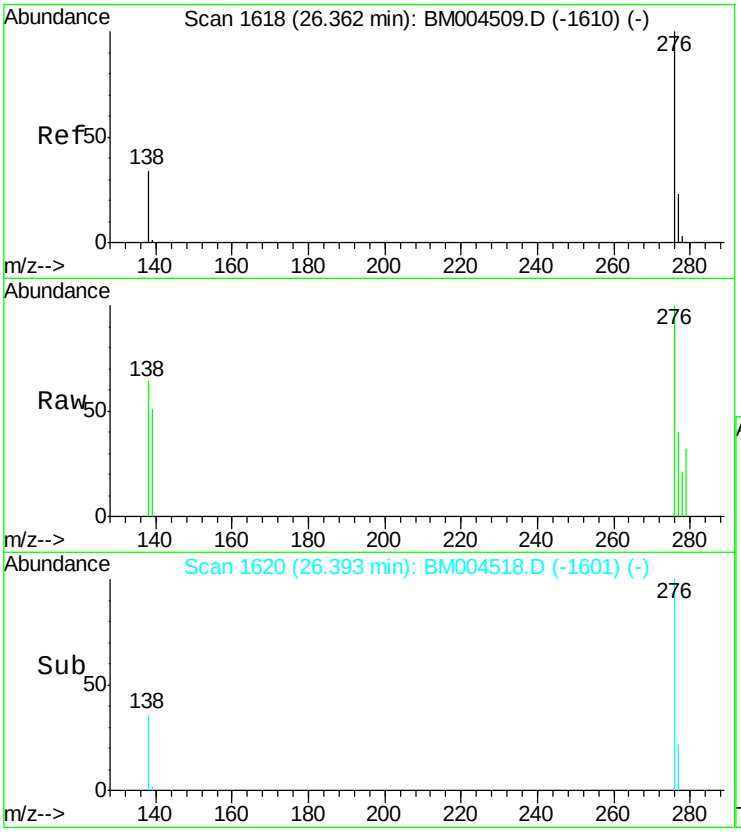


#38
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Tgt Ion:252 Resp: 875

Ion	Ratio	Lower	Upper
252	100		
253	65.5	19.0	28.6#
125	102.6	13.7	20.5#





#40
Benzo(g,h,i)perylene
Concen: 0.06 ng
RT: 26.39 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BM004518.D
Acq: 02 Mar 2016 13:56

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:276 Resp: 1142

Ion	Ratio	Lower	Upper
276	100		
277	40.3	19.8	29.8#
138	64.0	26.6	40.0#