Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004519.D
Acq On : 02 Mar 2016 14:32
Operator : SJ/UM
Sample : H1509-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-5

Quant Time: Mar 02 16:00:26 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	18777	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	71922	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	37146	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	86927	5.00	ng		0.00
26) Chrysene-d12	21.23	240	67173	5.00	ng		0.00
35) Perylene-d12	23.45	264	63156	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	9221	2.35	ng		-0.02
5) Phenol-d6	6.83	99	6195	1.30	ng		0.00
8) Nitrobenzene-d5	8.78	82	13018	3.43	ng		-0.01
14) 2,4,6-Tribromophenol	15.77	330	11554	8.44	ng		-0.02
15) 2-Fluorobiphenyl	12.88	172	50432	4.36	ng		0.00
29) Terphenyl-d14	19.67	244	47351	4.75	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.37	42	119	0.09	ng	#	1
6) bis(2-Chloroethyl)ether	7.07	93	24	0.09	ng	#	1
9) Nitrobenzene	8.84	77	33	0.19	ng	#	33
10) Naphthalene	10.44	128	698	0.04	ng	#	1
16) Acenaphthylene	13.97	152	229	0.11	ng	#	1
17) Acenaphthene	14.33	154	241	Below Cal		#	22
18) Fluorene	15.33	166	104	Below Cal		#	1
20) 4-Bromophenyl-phenylether	16.19	248	8	0.14	ng	#	1
21) Hexachlorobenzene	16.32	284	17	Below Cal		#	100
22) Pentachlorophenol	16.73	266	58	0.27	ng	#	80
23) Phenanthrene	17.06	178	761	Below Cal		#	75
24) Anthracene	17.16	178	1138	0.23	ng	#	81
25) Fluoranthene	19.11	202	1634	0.03	ng		98
27) Benzidine	19.23	184	87	0.36	ng	#	1
28) Pyrene	19.47	202	2172	0.06	ng	#	91
30) Benzo(a)anthracene	21.27	228	2992	0.18	ng	#	82
32) Chrysene	21.27	228	3099	Below Cal		#	80
33) Bis(2-ethylhexyl)phthalate	21.12	149	2204	0.27	ng	#	98
36) Benzo(b)fluoranthene	22.80	252	2196	Below Cal		#	21
37) Benzo(k)fluoranthene	22.80	252	2196	0.06	ng	#	21
38) Benzo(a)pyrene	23.36	252	398	0.02	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 : BM004519.D
Acq On : 02 Mar 2016 14:32
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Instrument :
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MW-5

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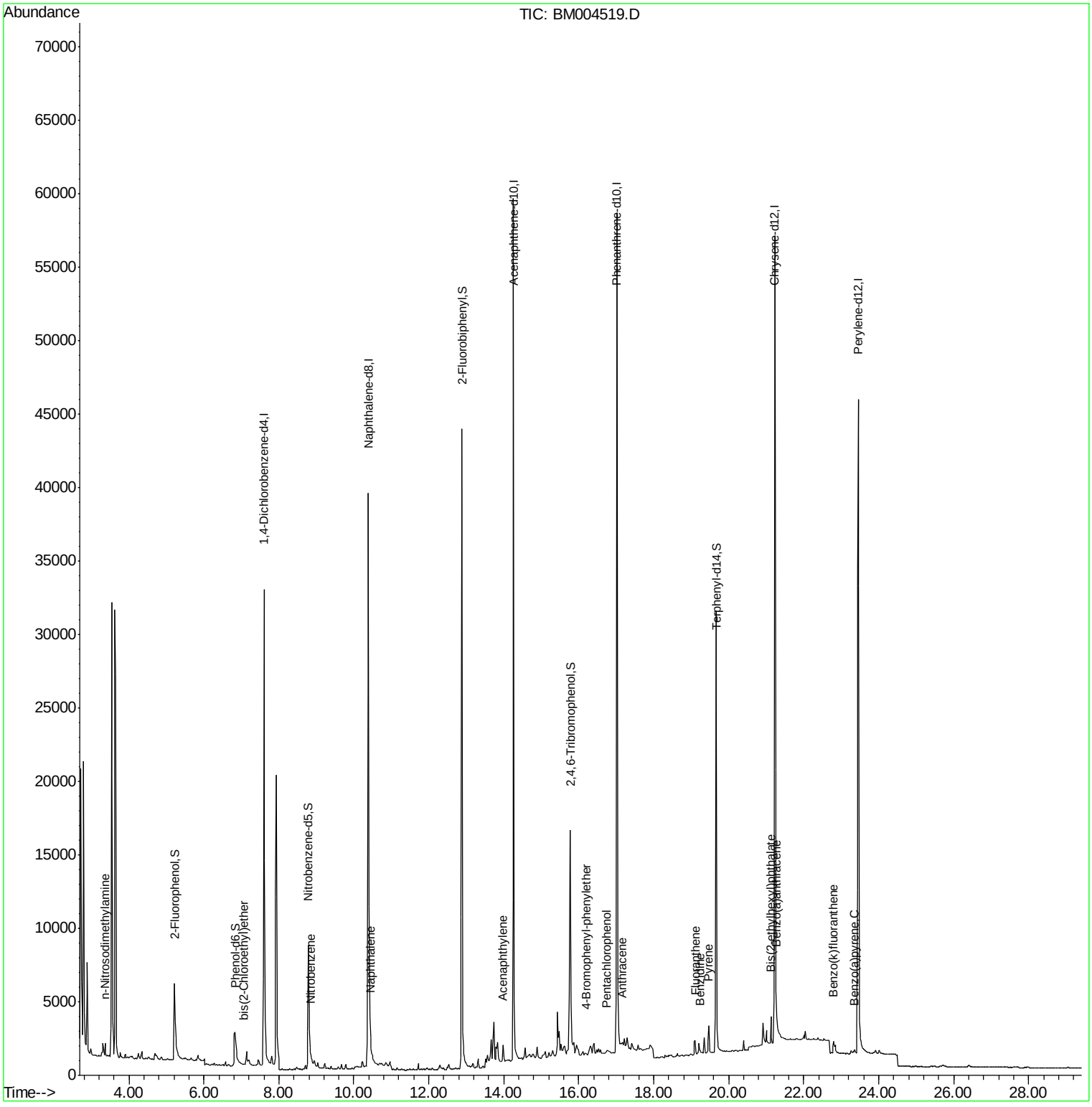
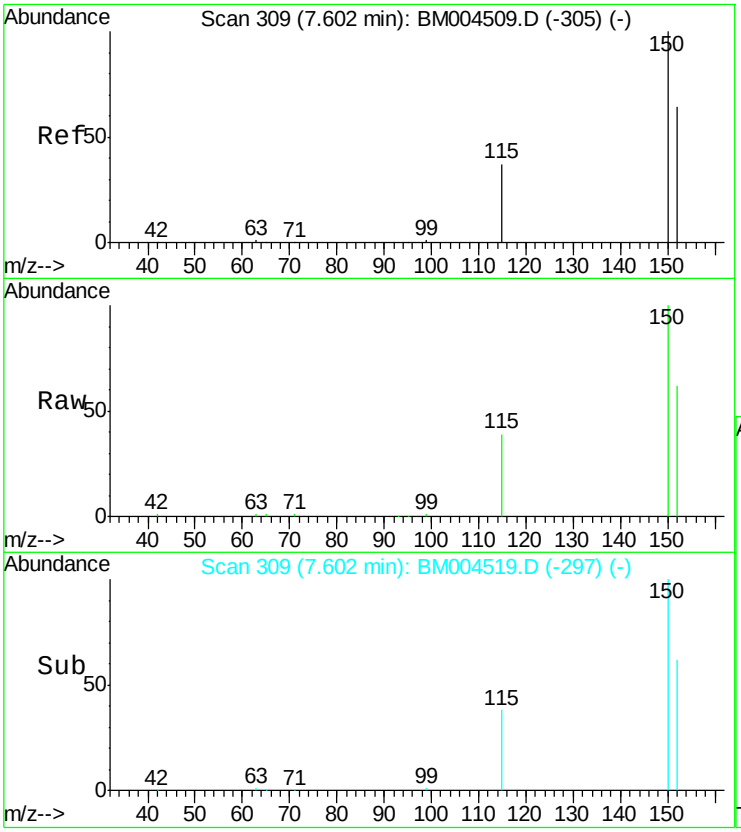
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 14:46:57 2016
Response via : Initial Calibration



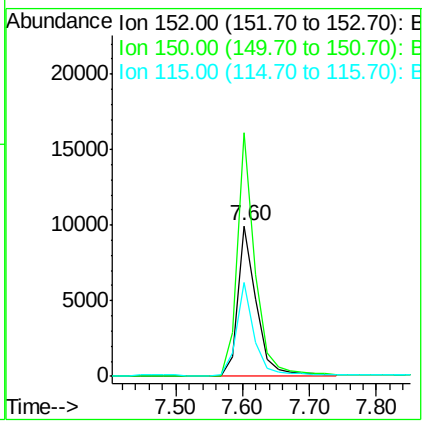


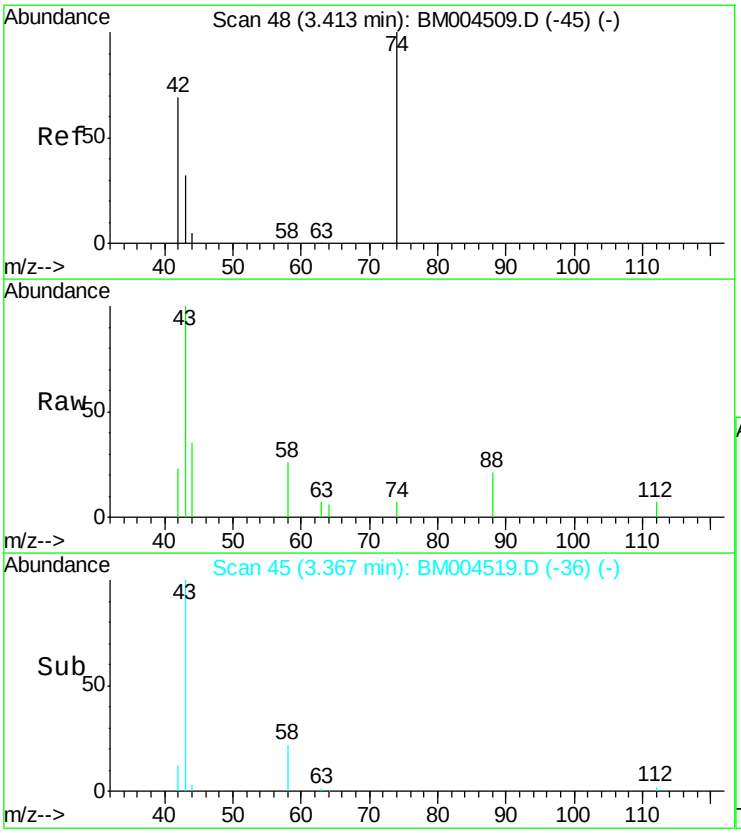
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 18777

Ion	Ratio	Lower	Upper
152	100		
150	162.0	134.2	201.2
115	62.5	52.2	78.4

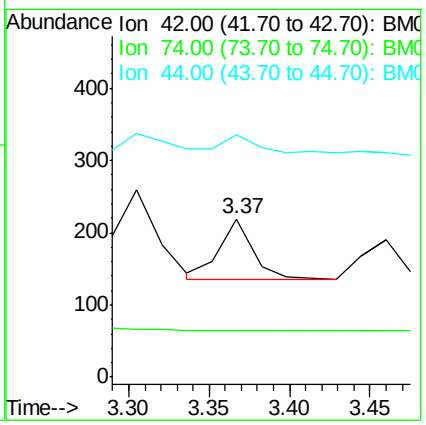


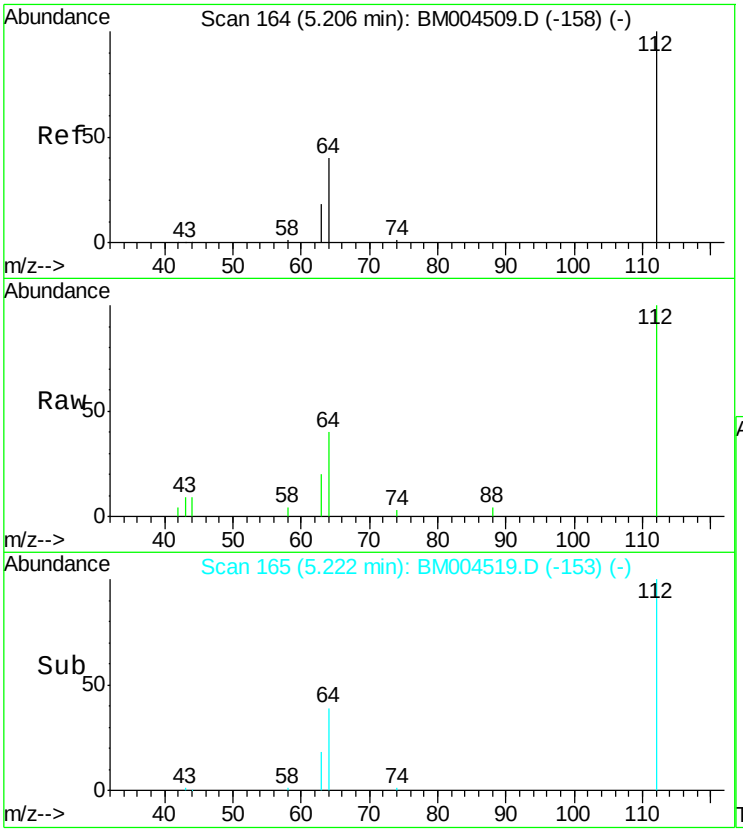


#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.37 min Scan# 45
Delta R.T. -0.06 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion: 42 Resp: 119

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

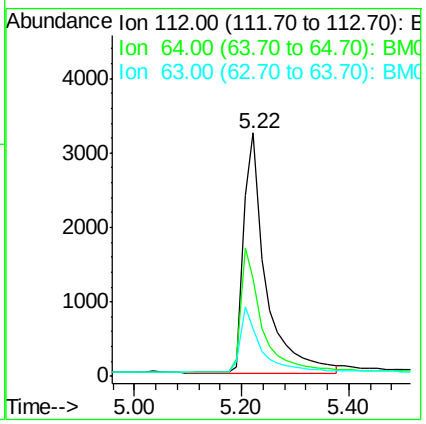




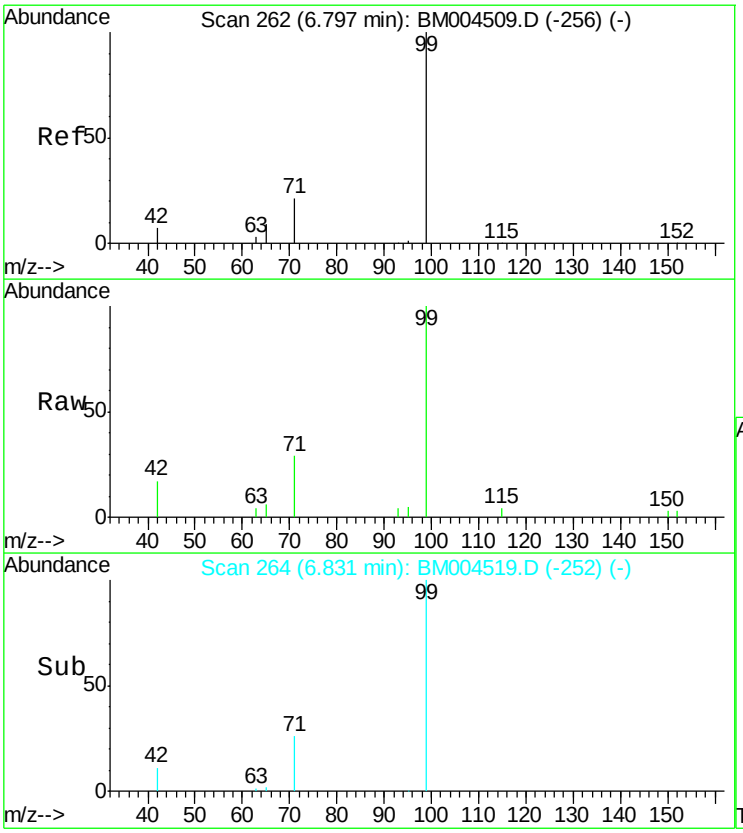
#4
2-Fluorophenol
Concen: 2.35 ng
RT: 5.22 min Scan# 165
Delta R.T. -0.02 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:112 Resp: 9221

Ion	Ratio	Lower	Upper
112	100		
64	48.9	37.0	55.6
63	24.8	19.0	28.4



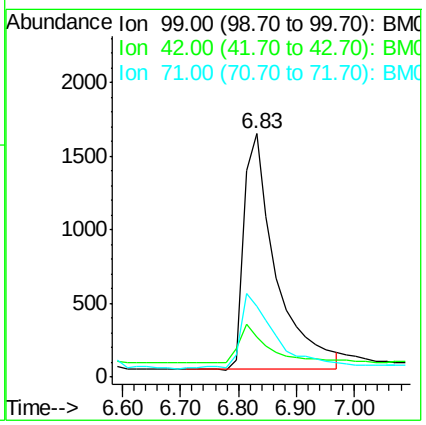
Instrument :
BNA_M
ClientSampleId :
MW-5

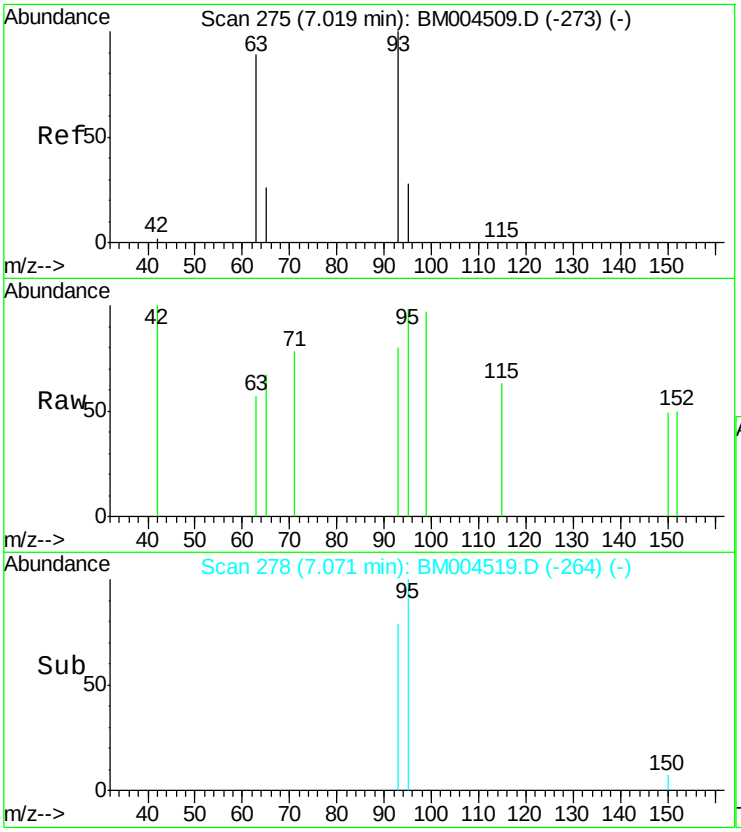


#5
Phenol-d6
Concen: 1.30 ng
RT: 6.83 min Scan# 264
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion: 99 Resp: 6195

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.4
71	33.8	23.4	35.2



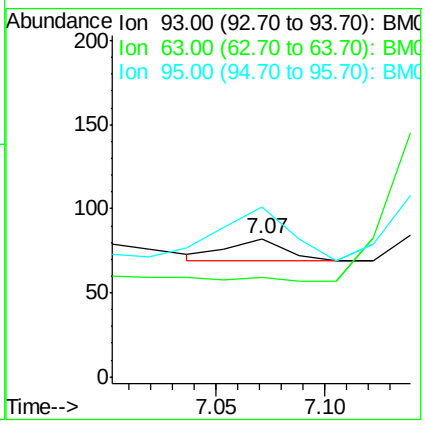


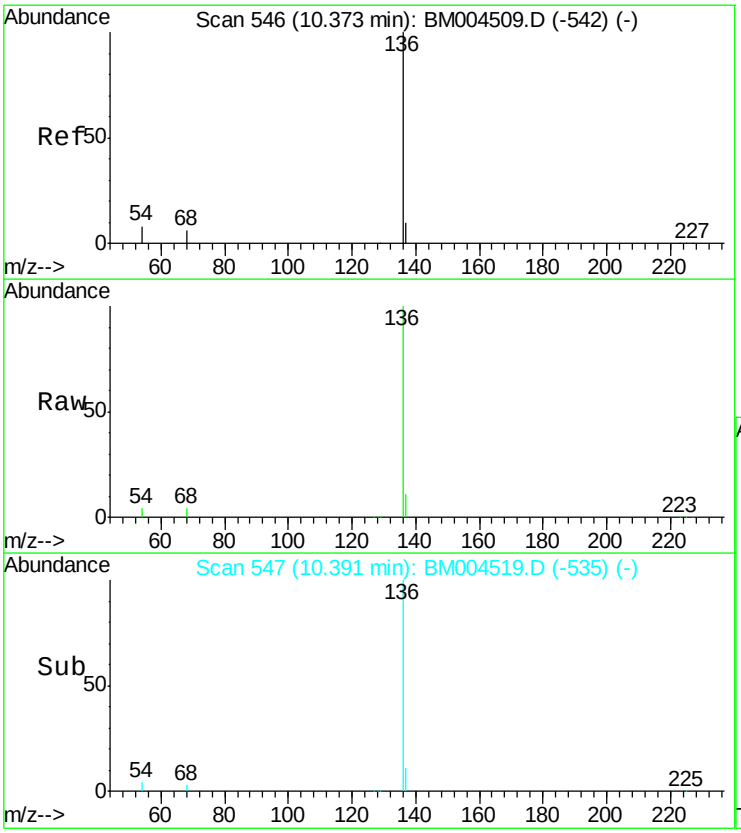
#6
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.07 min Scan# 278
Delta R.T. 0.03 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion: 93 Resp: 24

Ion	Ratio	Lower	Upper
93	100		
63	0.0	51.1	76.7#
95	312.5	25.0	37.6#

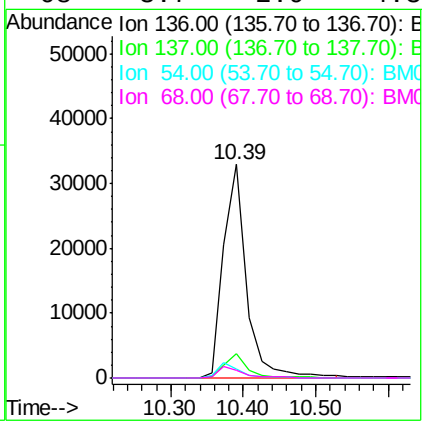


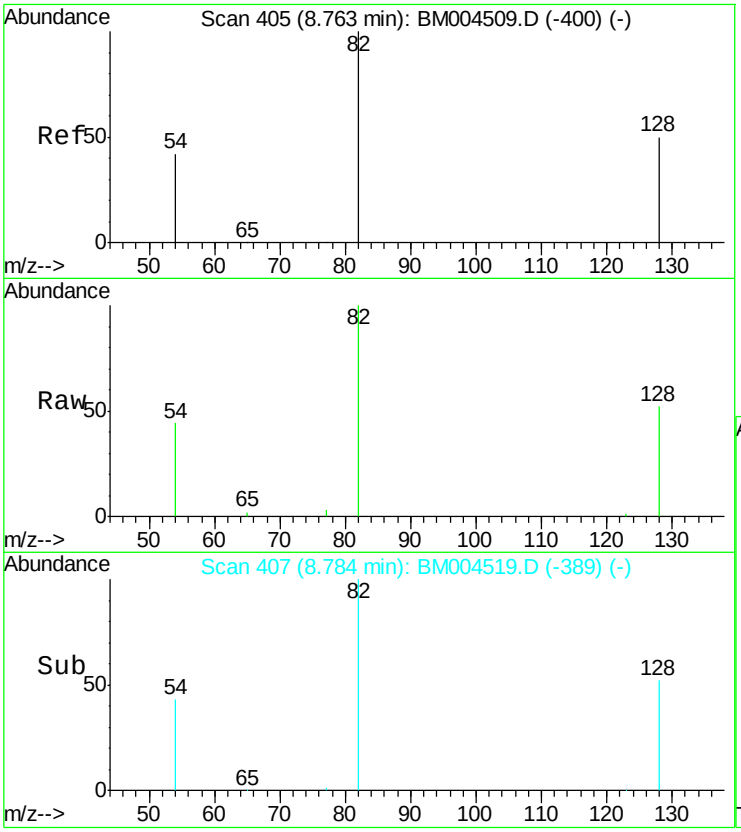


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:136 Resp: 71922

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	4.2	3.3	4.9
68	3.7	2.9	4.3



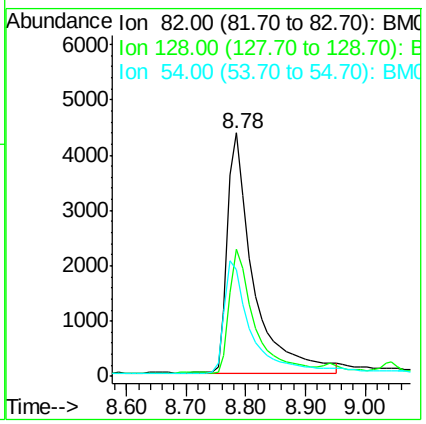


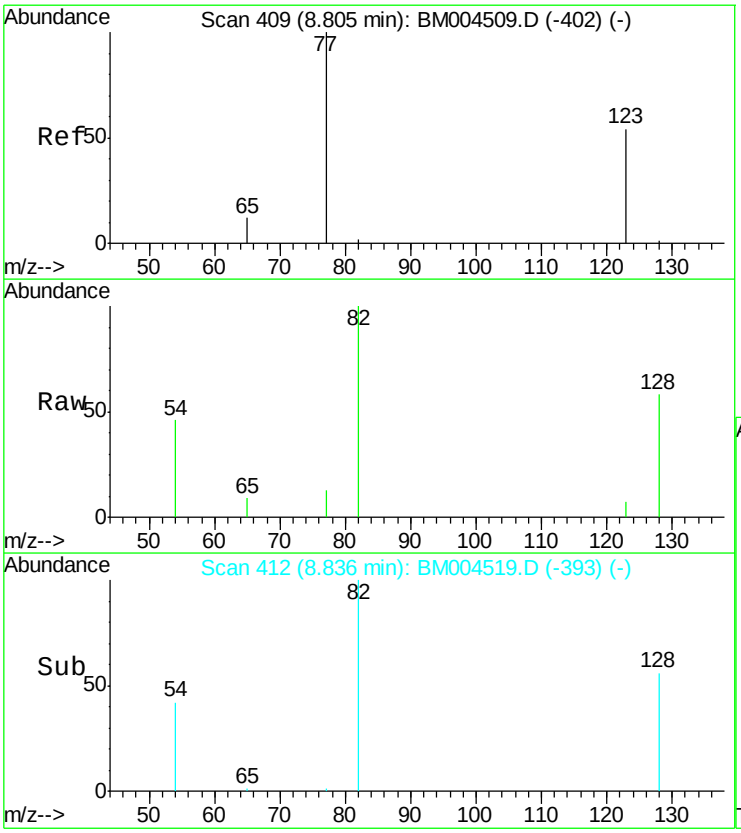
#8
Nitrobenzene-d5
Concen: 3.43 ng
RT: 8.78 min Scan# 407
Delta R.T. -0.01 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion: 82 Resp: 13018

Ion	Ratio	Lower	Upper
82	100		
128	52.2	41.9	62.9
54	43.6	34.2	51.2

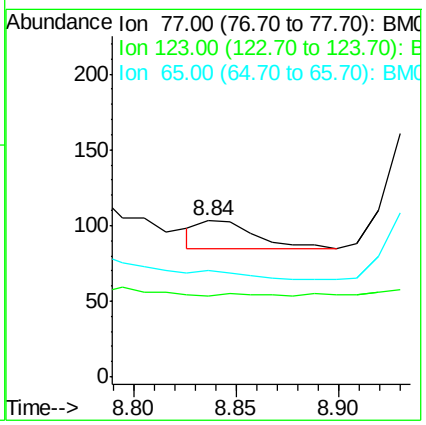


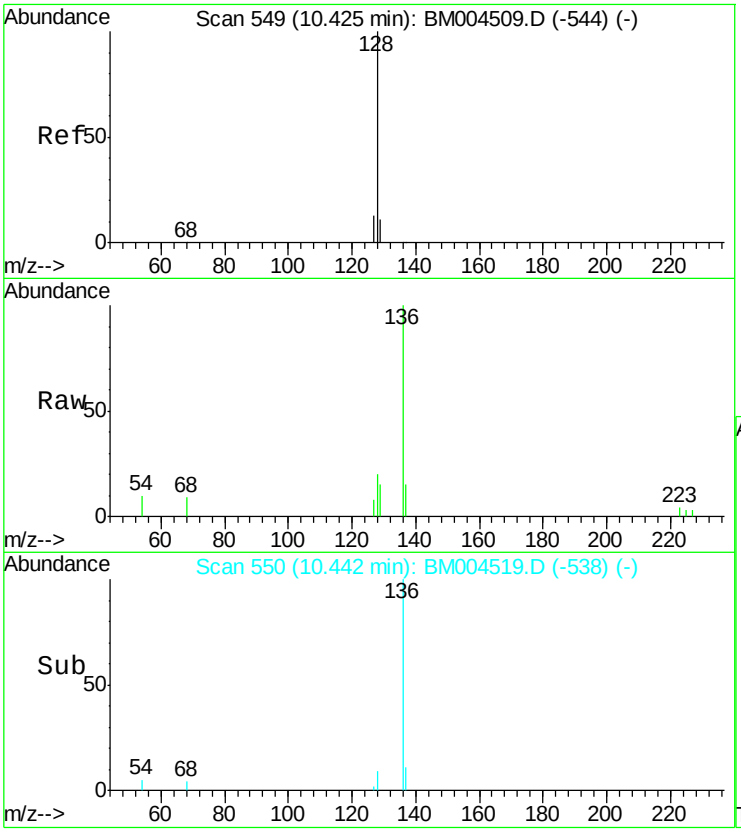


#9
Nitrobenzene
Concen: 0.19 ng
RT: 8.84 min Scan# 412
Delta R.T. 0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion: 77 Resp: 33

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



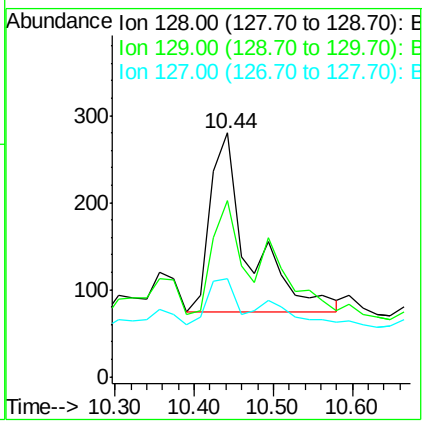


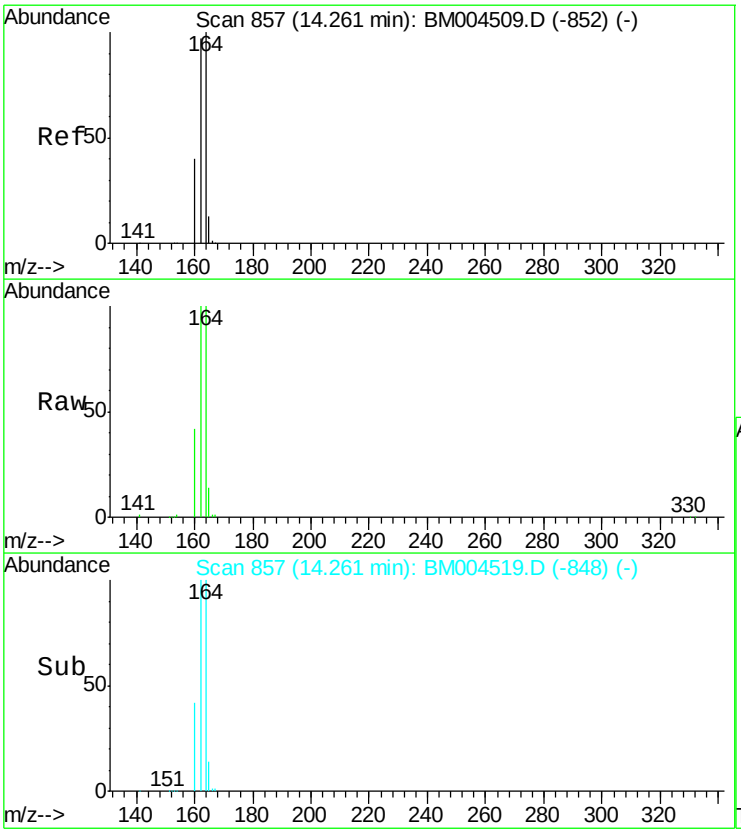
#10
Naphthalene
Concen: 0.04 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:128 Resp: 698

Ion	Ratio	Lower	Upper
128	100		
129	72.5	9.8	14.6#
127	40.0	9.9	14.9#

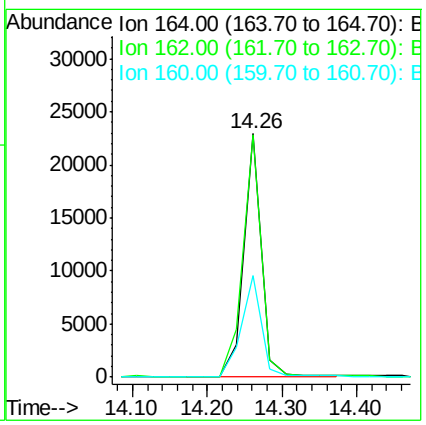


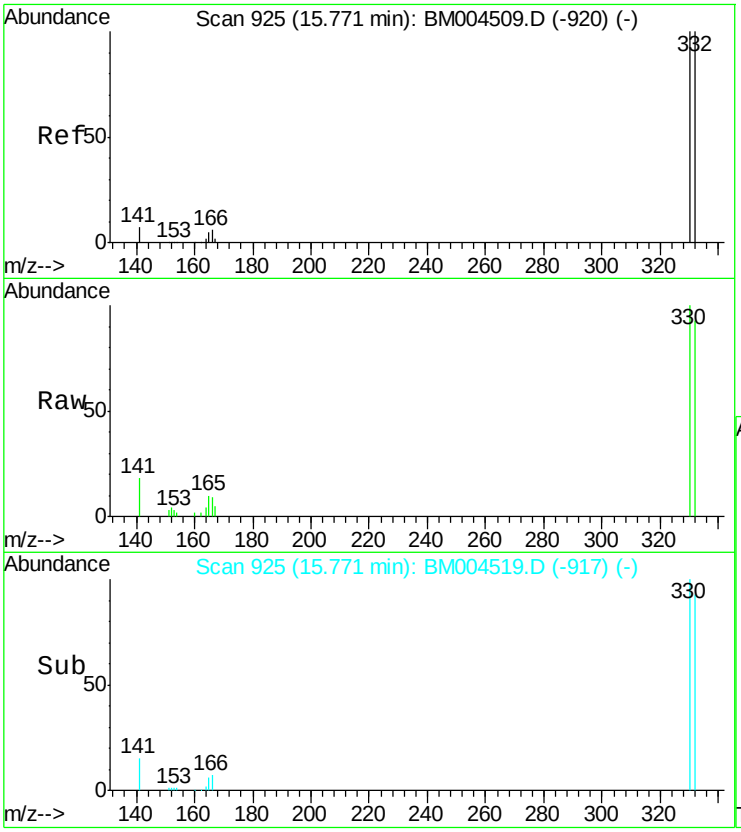


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:164 Resp: 37146

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.6	122.4
160	41.7	34.9	52.3



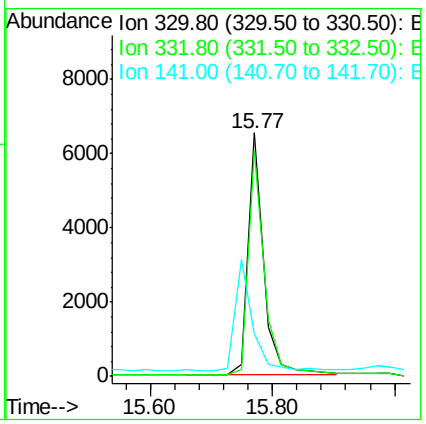


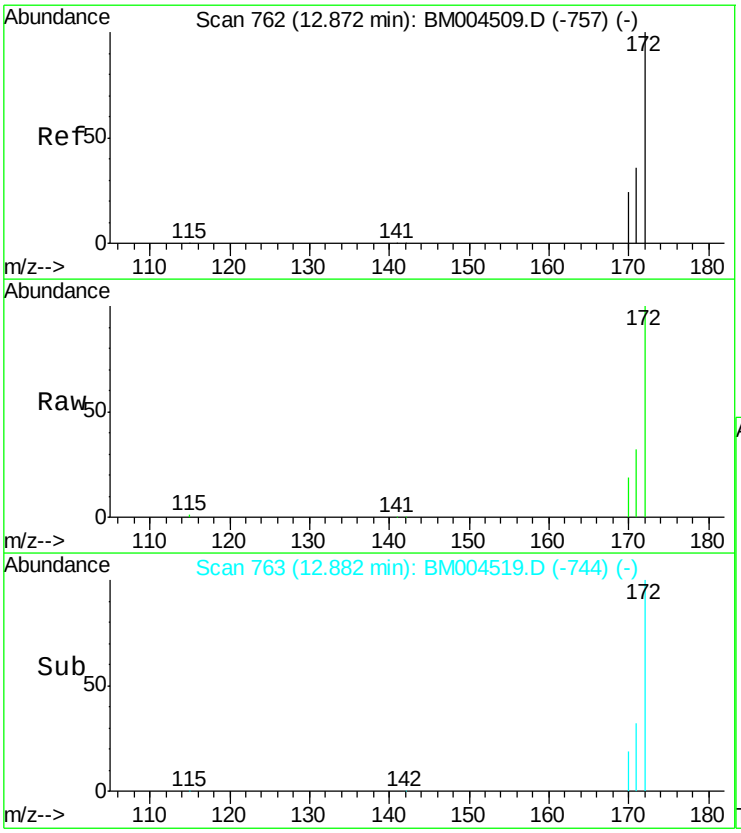
#14
2,4,6-Tribromophenol
Concen: 8.44 ng
RT: 15.77 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:330 Resp: 11554

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	0.0	0.0	0.0

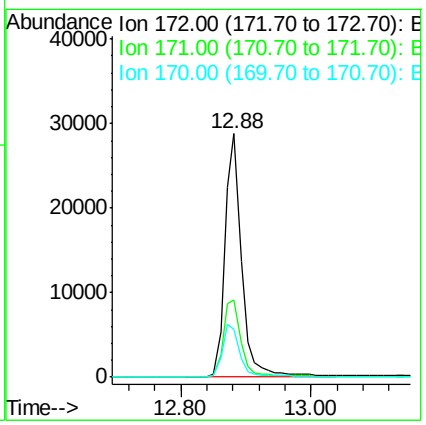


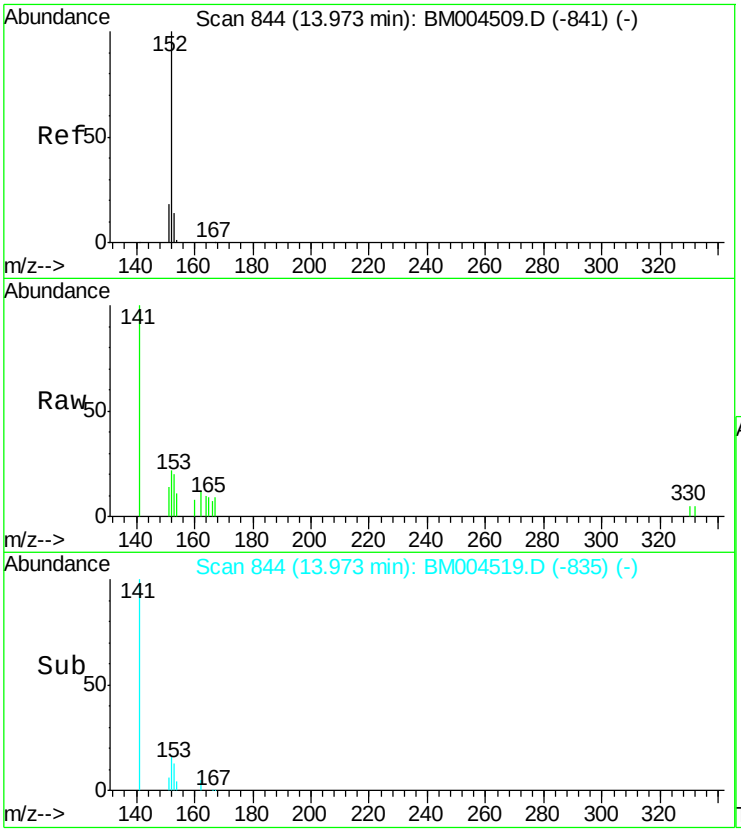


#15
2-Fluorobiphenyl
Concen: 4.36 ng
RT: 12.88 min Scan# 763
Delta R.T. 0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:172 Resp: 50432

Ion	Ratio	Lower	Upper
172	100		
171	32.0	29.5	44.3
170	19.5	20.2	30.2#



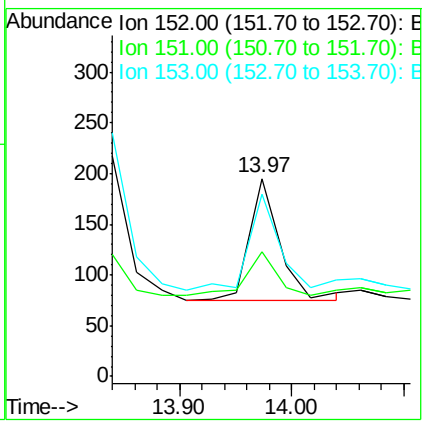


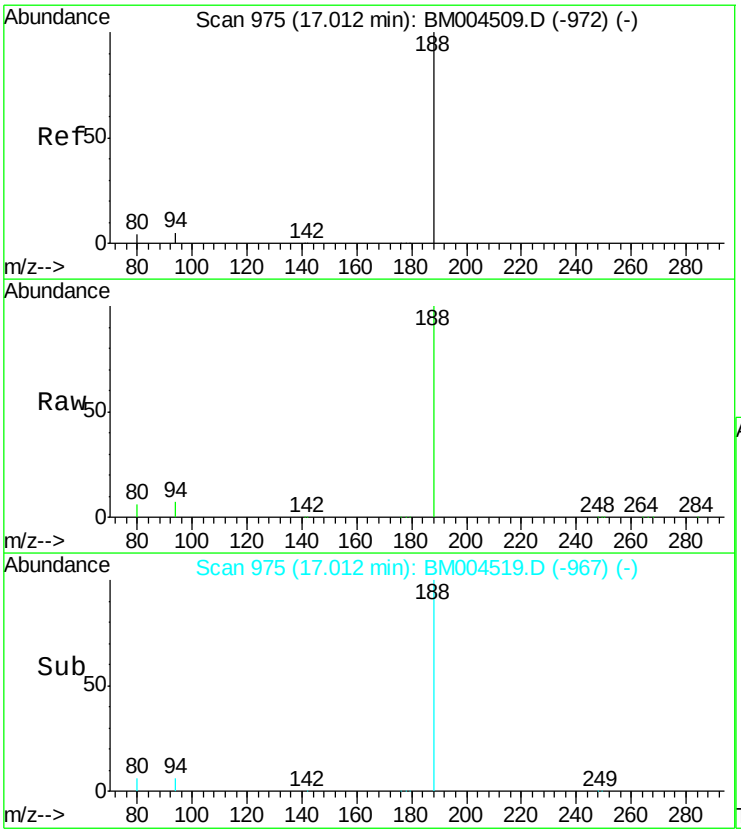
#16
Acenaphthylene
Concen: 0.11 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 229

Ion	Ratio	Lower	Upper
152	100		
151	34.5	15.8	23.6#
153	93.0	10.2	15.4#

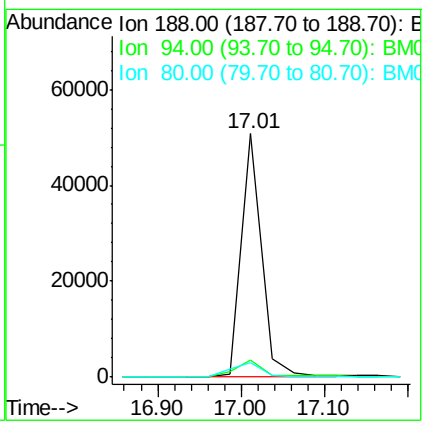


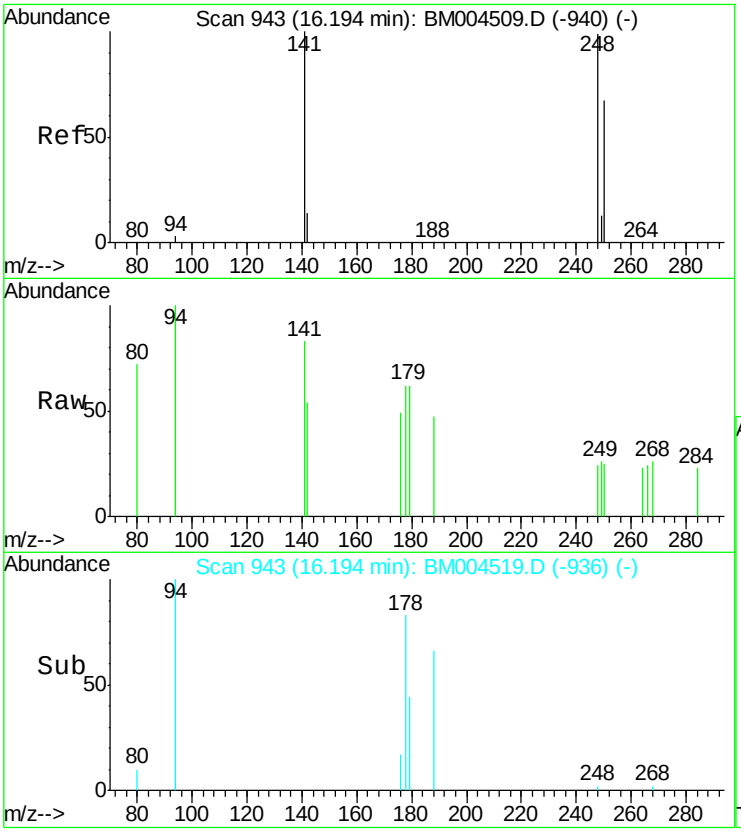


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:188 Resp: 86927

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.3	9.5
80	6.0	5.9	8.9



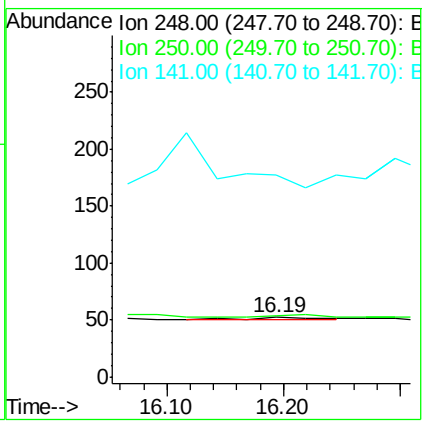


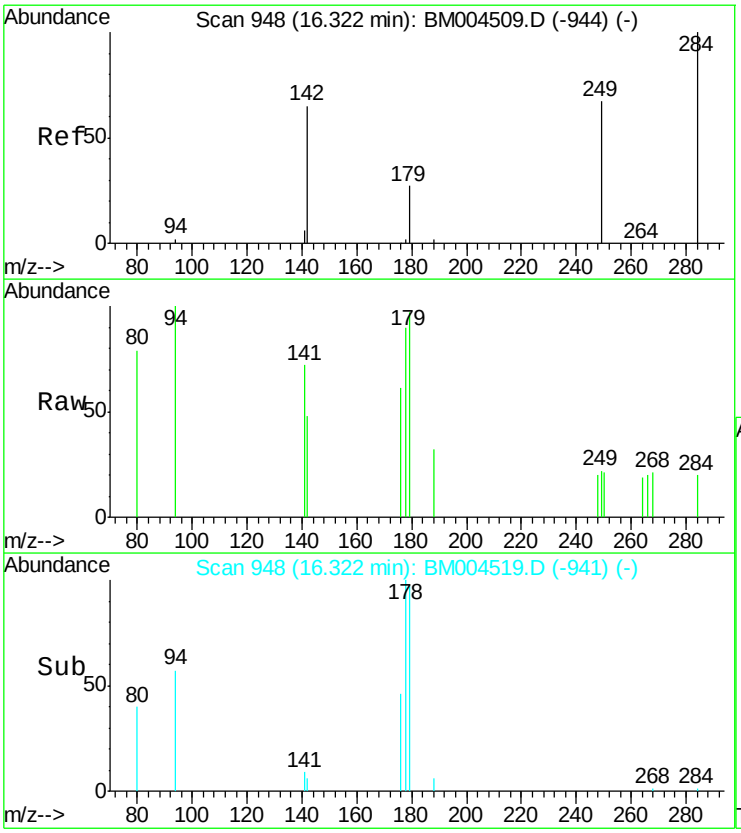
#20
4-Bromophenyl-phenylether
Concen: 0.14 ng
RT: 16.19 min Scan# 943
Delta R.T. -0.03 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:248 Resp: 8

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

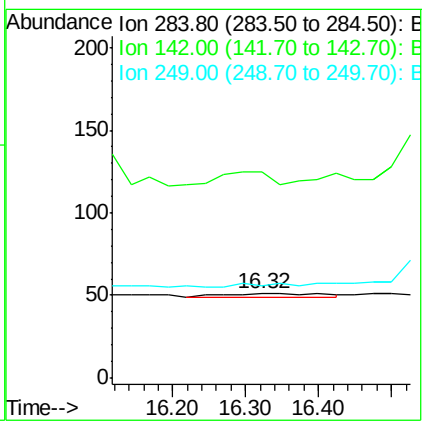


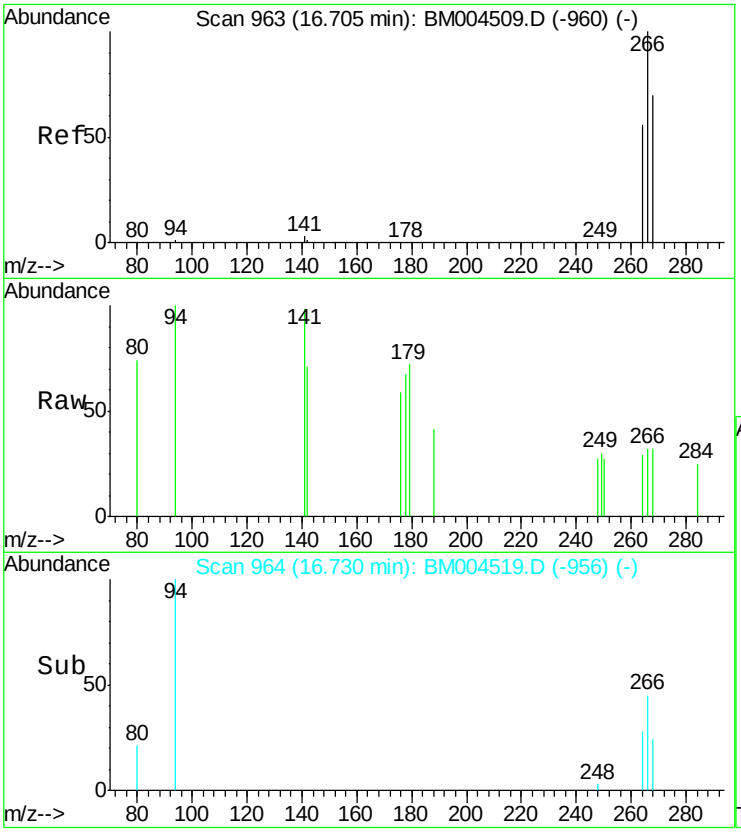


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.32 min Scan# 948
Delta R.T. -0.03 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:284 Resp: 17

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



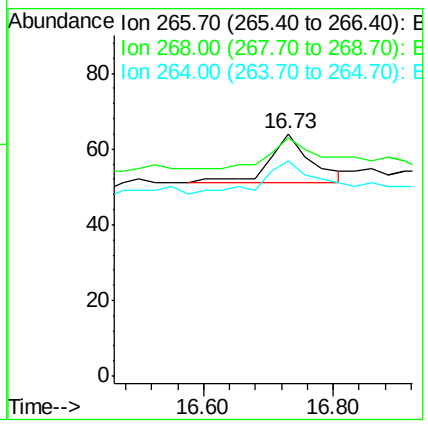


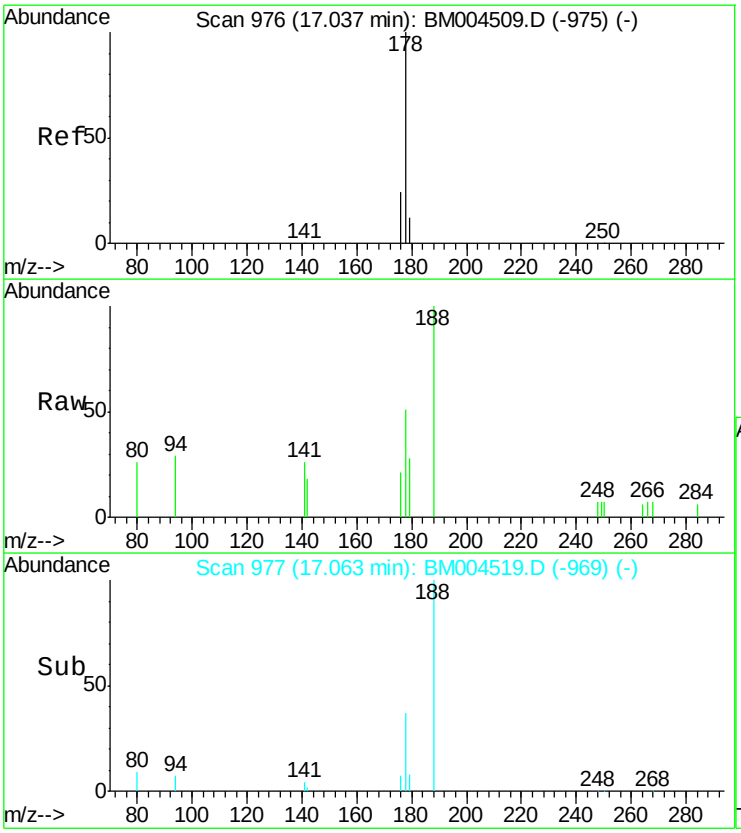
#22
Pentachlorophenol
Concen: 0.27 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:266 Resp: 58

Ion	Ratio	Lower	Upper
266	100		
268	98.4	63.0	94.6#
264	89.1	59.6	89.4

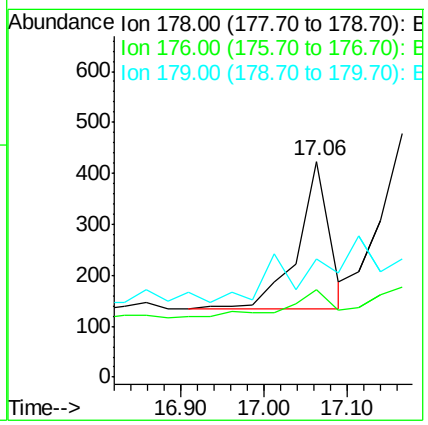


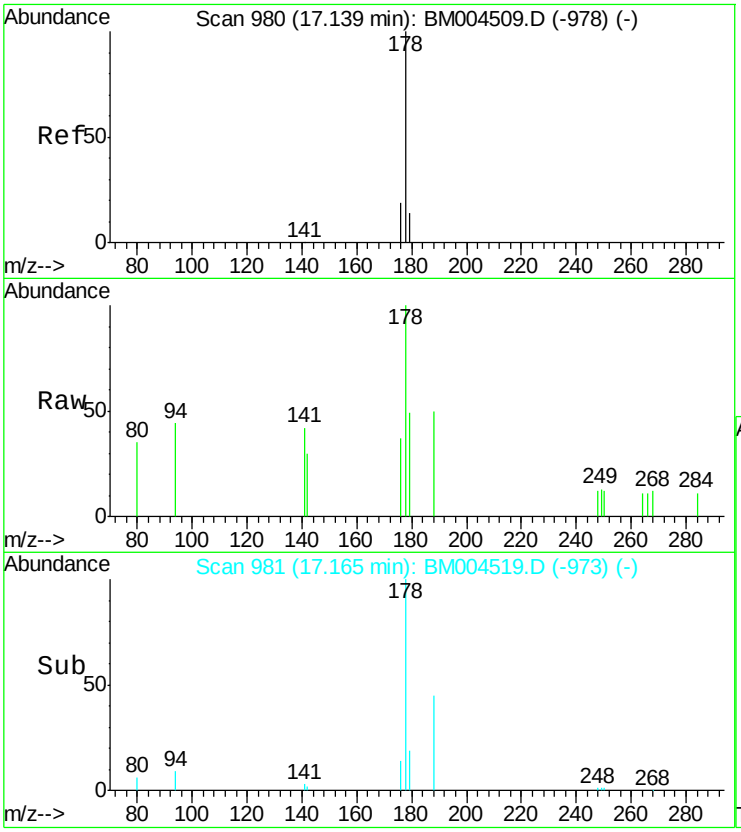


#23
Phenanthrene
Concen: Below Cal
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:178 Resp: 761

Ion	Ratio	Lower	Upper
178	100		
176	24.8	15.0	22.4#
179	0.0	12.8	19.2#



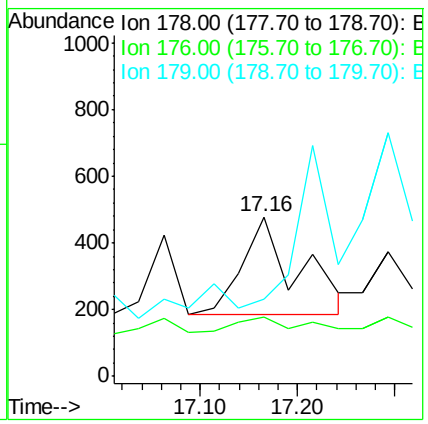


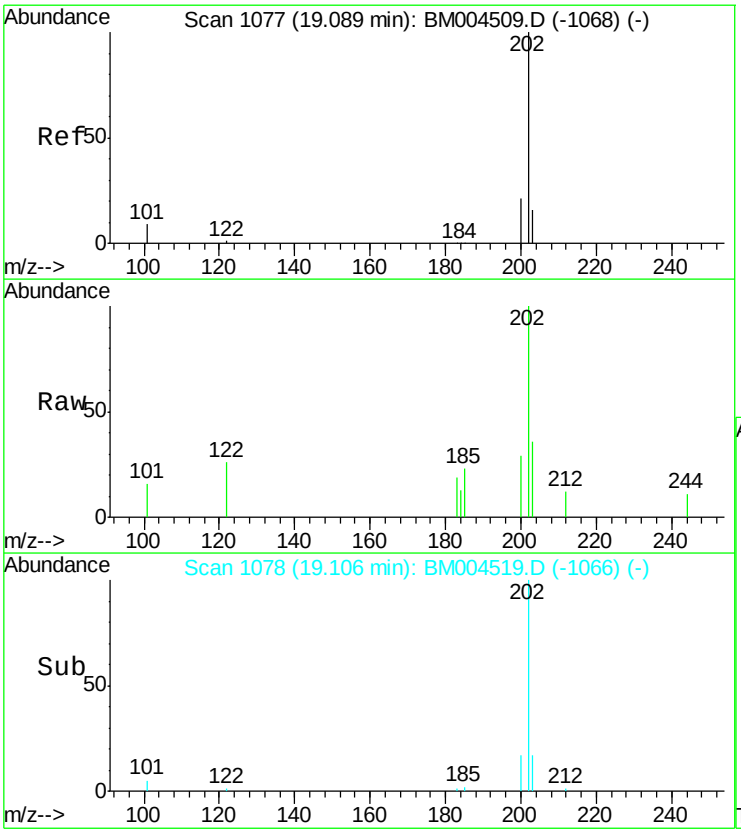
#24
Anthracene
Concen: 0.23 ng
RT: 17.16 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:178 Resp: 1138

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.7	22.1
179	0.0	12.2	18.4#

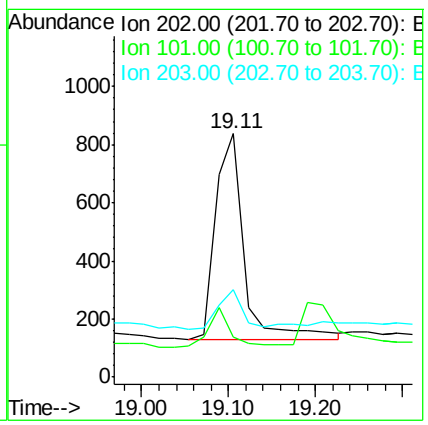


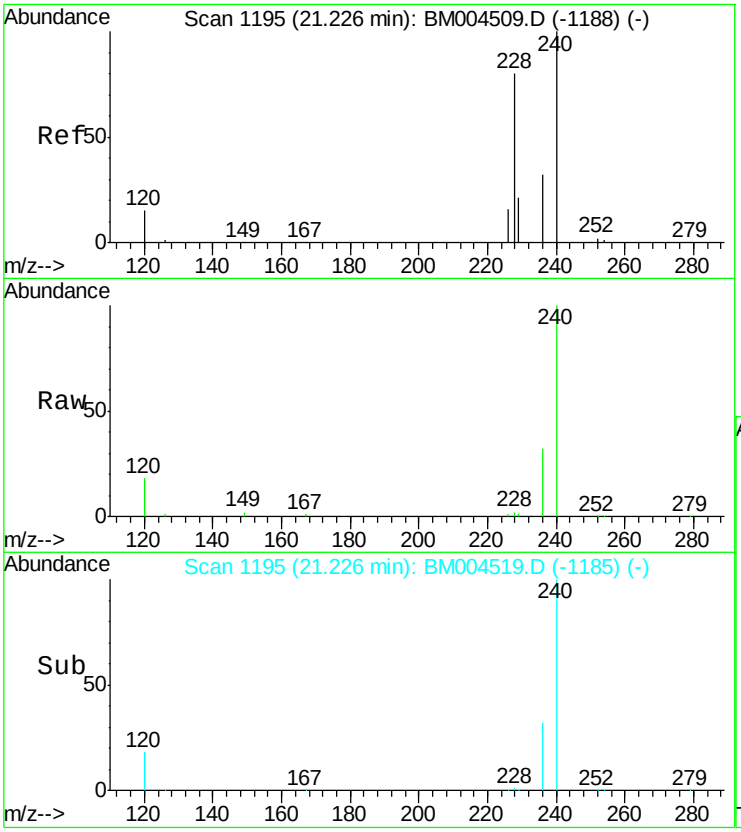


#25
Fluoranthene
Concen: 0.03 ng
RT: 19.11 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:202 Resp: 1634

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.8
203	16.7	13.8	20.8



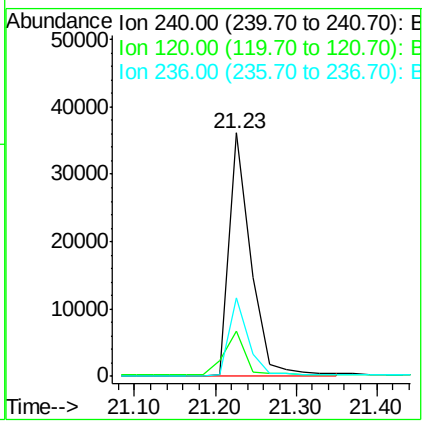


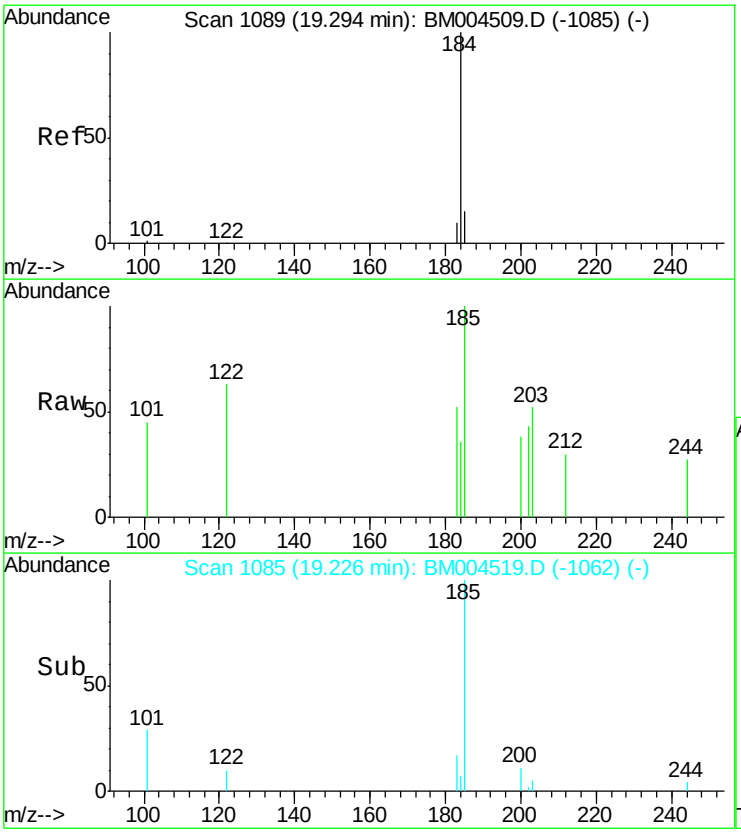
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:240 Resp: 67173

Ion	Ratio	Lower	Upper
240	100		
120	18.4	18.9	28.3#
236	32.4	26.4	39.6

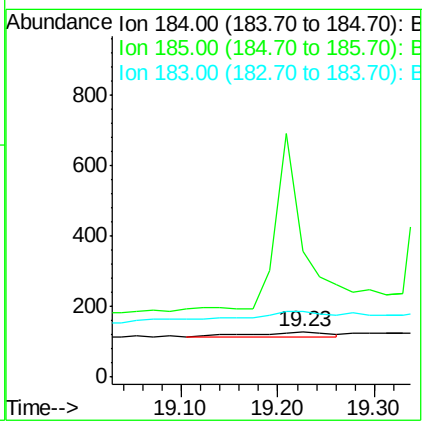


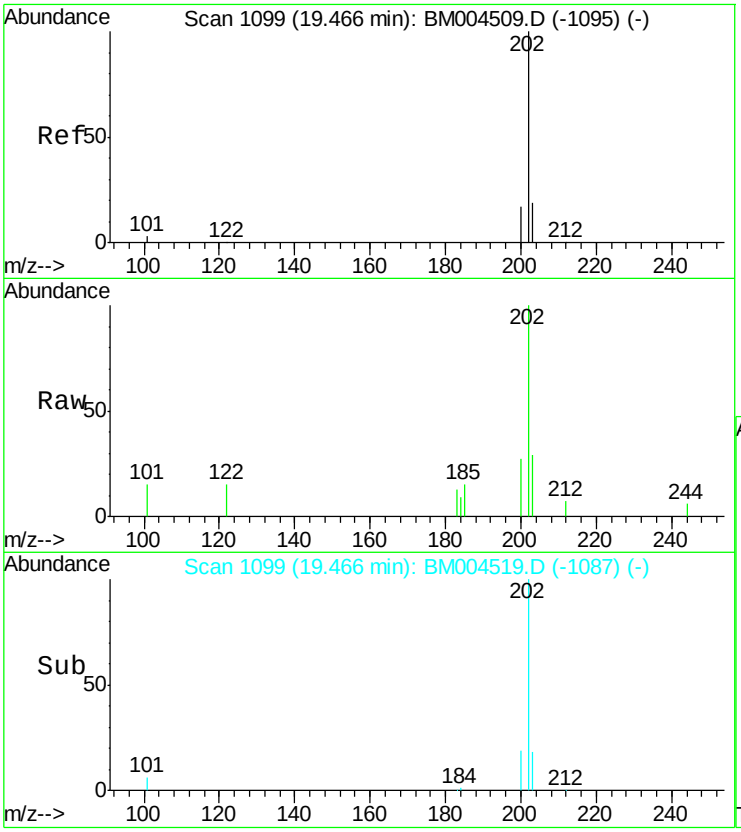


#27
Benzidine
Concen: 0.36 ng
RT: 19.23 min Scan# 1085
Delta R.T. -0.10 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:184 Resp: 87

Ion	Ratio	Lower	Upper
184	100		
185	276.7	15.0	22.4#
183	143.4	12.6	19.0#



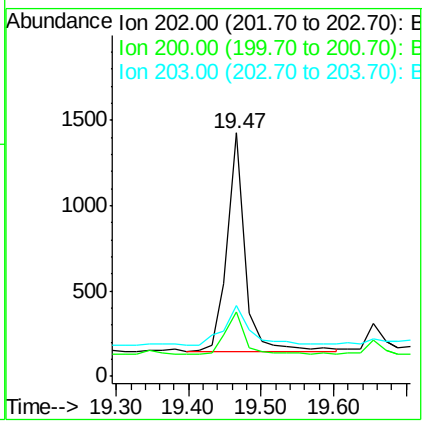


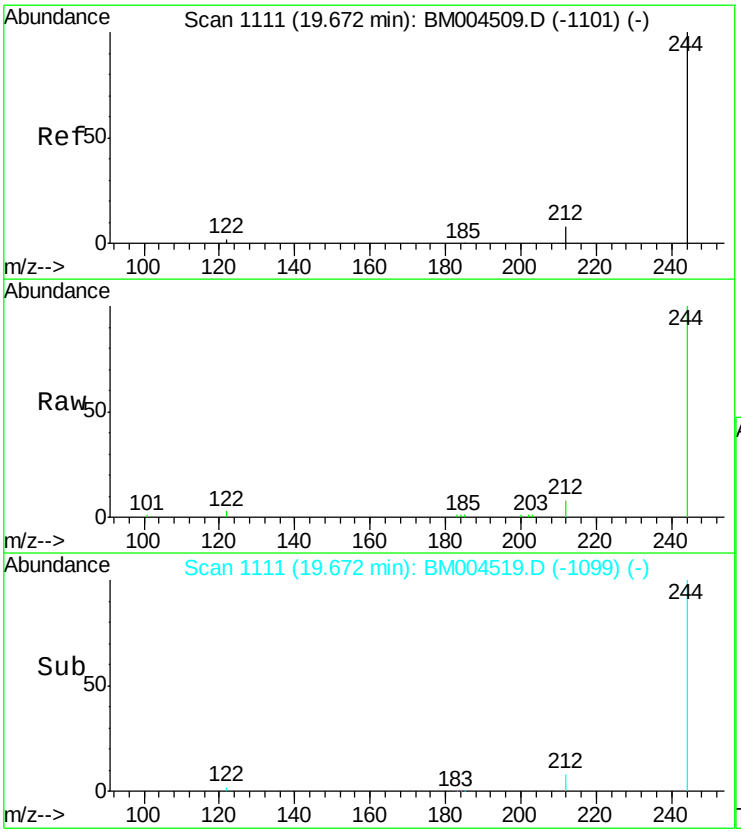
#28
Pyrene
Concen: 0.06 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:202 Resp: 2172

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	25.3	13.7	20.5#

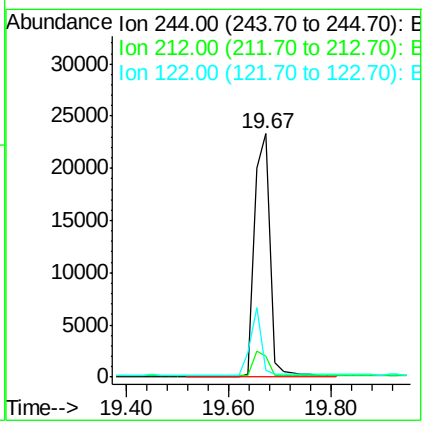


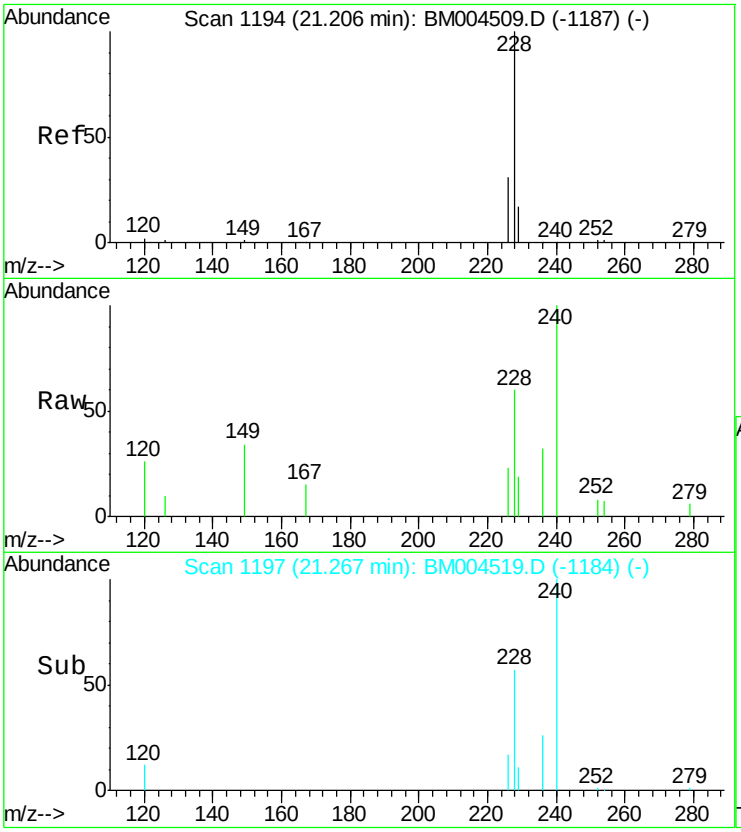


#29
Terphenyl-d14
Concen: 4.75 ng
RT: 19.67 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:244 Resp: 47351

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.8	11.6
122	2.8	7.0	10.4#



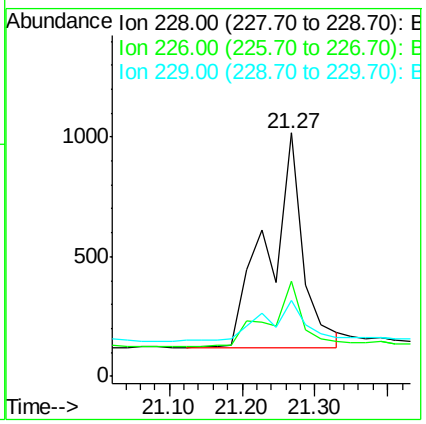


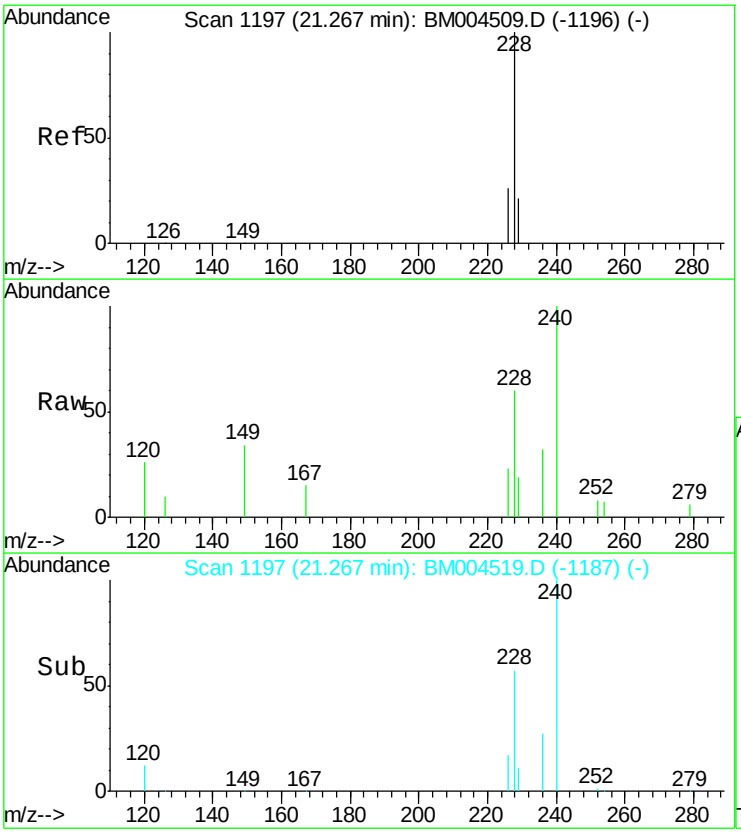
#30
Benzo(a)anthracene
Concen: 0.18 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.06 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:228 Resp: 2992

Ion	Ratio	Lower	Upper
228	100		
226	38.9	27.0	40.4
229	31.3	13.1	19.7#

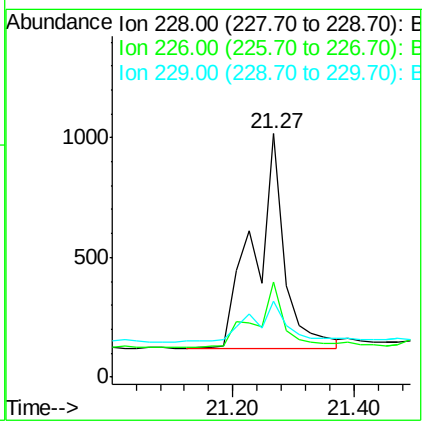


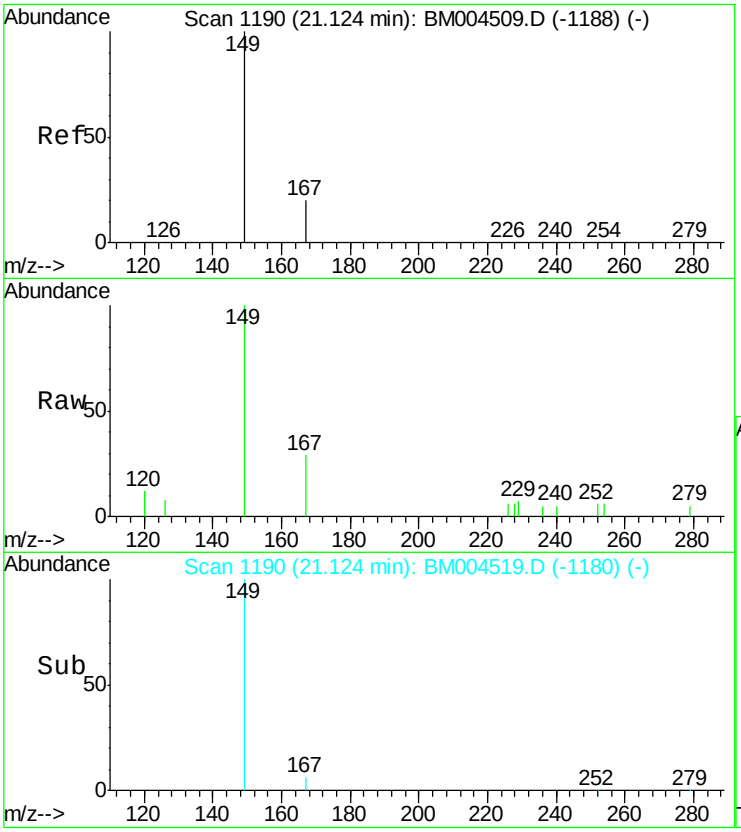


#32
Chrysene
Concen: Below Cal
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:228 Resp: 3099

Ion	Ratio	Lower	Upper
228	100		
226	38.9	24.6	37.0#
229	31.3	15.2	22.8#



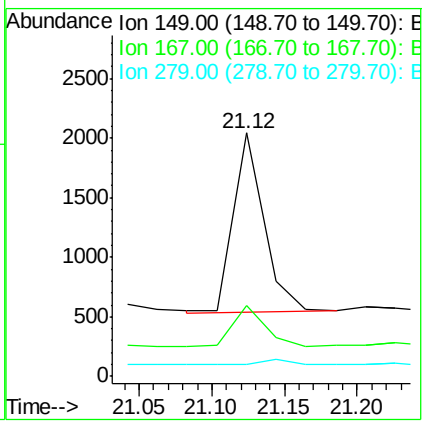


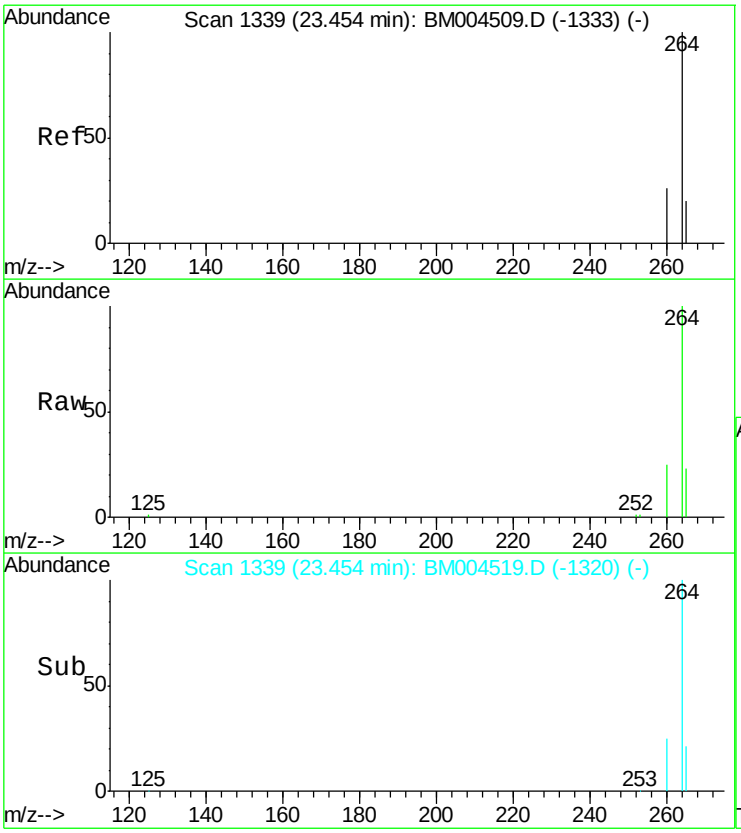
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:149 Resp: 2204

Ion	Ratio	Lower	Upper
149	100		
167	24.1	20.2	30.4
279	0.0	0.0	0.0

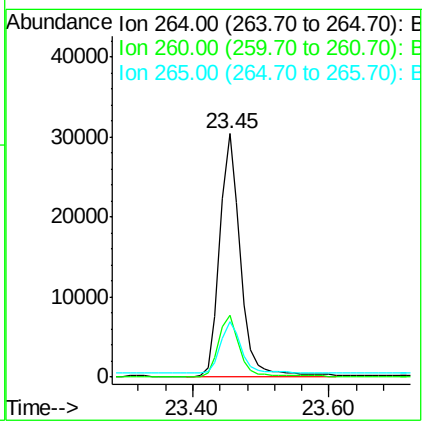


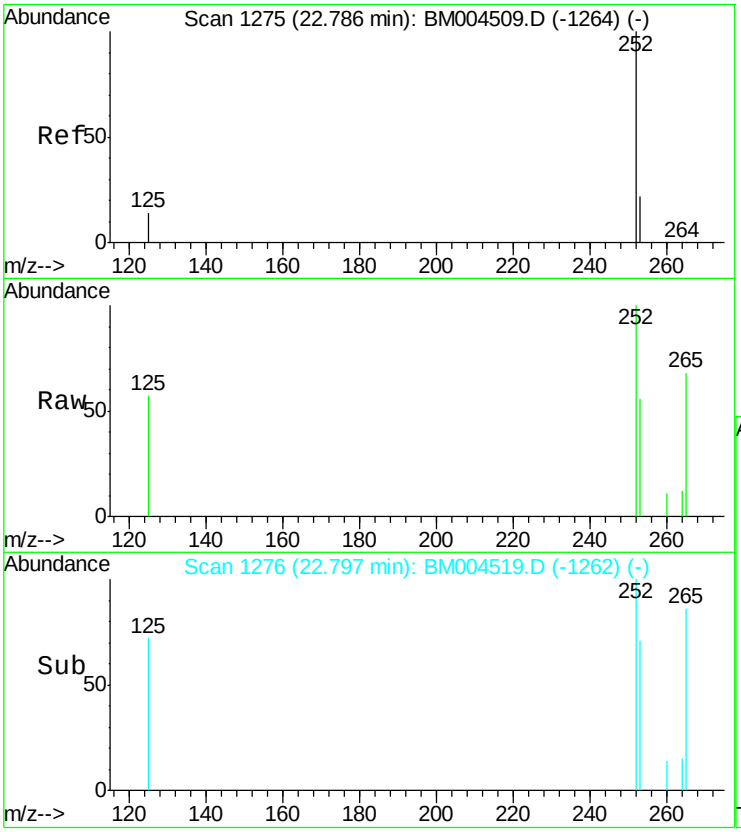


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:264 Resp: 63156

Ion	Ratio	Lower	Upper
264	100		
260	25.3	21.2	31.8
265	22.9	17.4	26.0



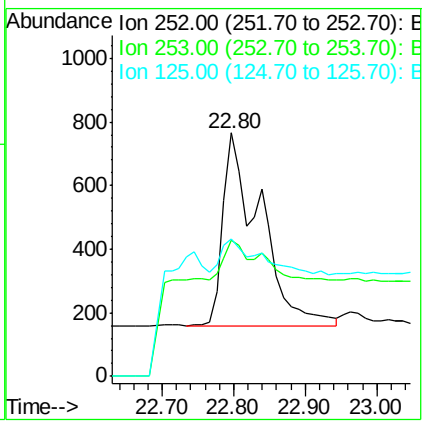


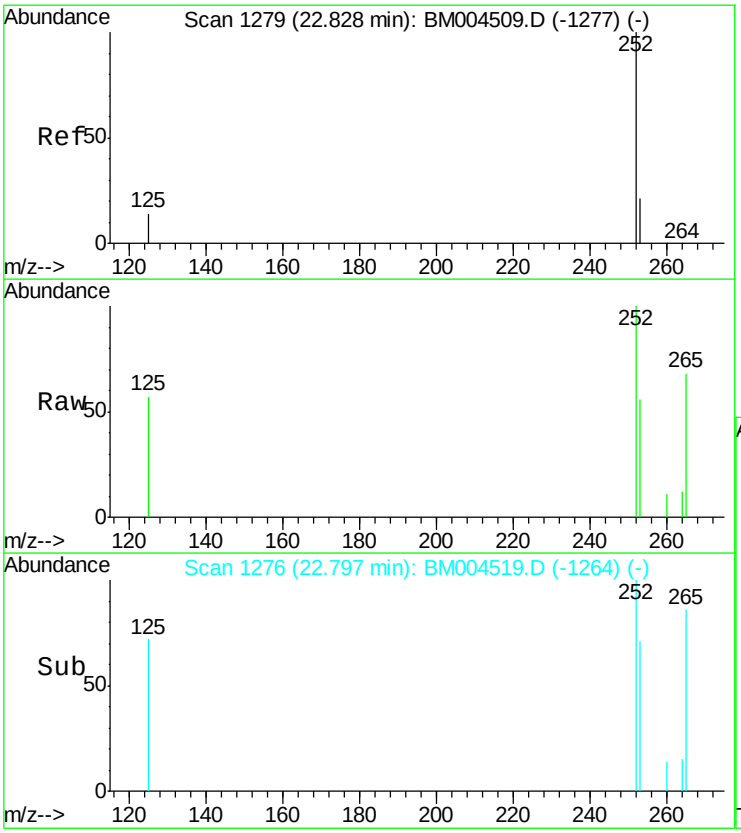
#36
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.80 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:252 Resp: 2196

Ion	Ratio	Lower	Upper
252	100		
253	55.9	19.0	28.4#
125	56.7	11.7	17.5#

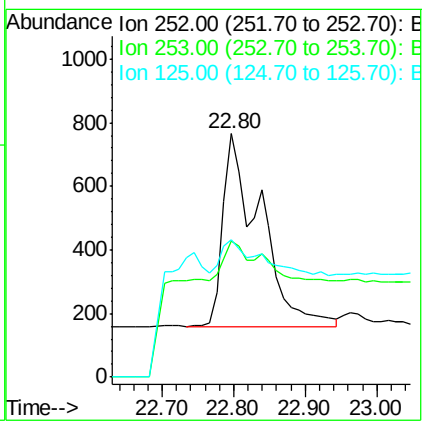


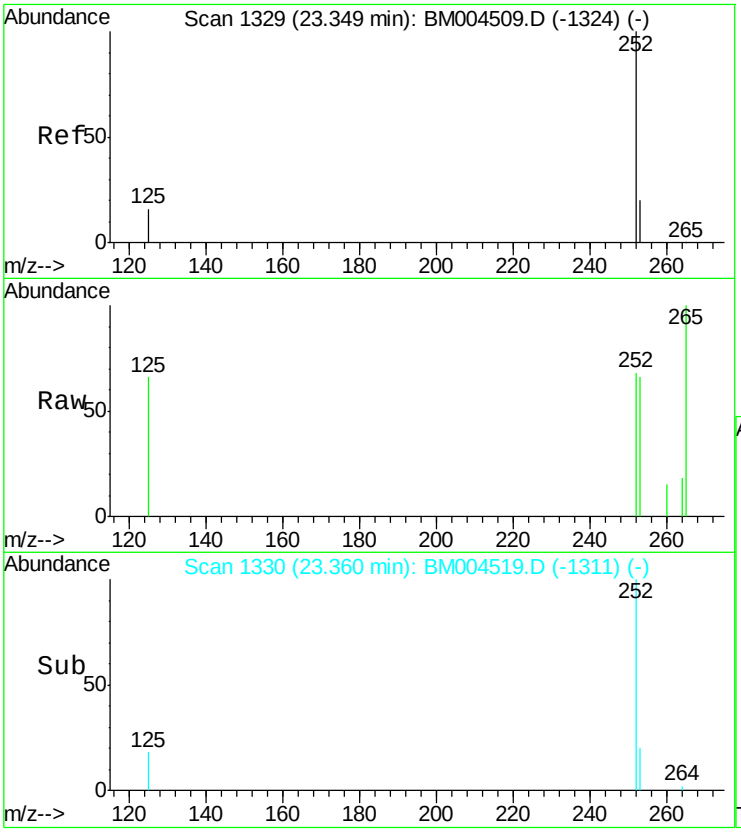


#37
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.80 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Tgt Ion:252 Resp: 2196

Ion	Ratio	Lower	Upper
252	100		
253	55.9	18.9	28.3#
125	56.7	11.9	17.9#





#38
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.36 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BM004519.D
Acq: 02 Mar 2016 14:32

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:252 Resp: 398

Ion	Ratio	Lower	Upper
252	100		
253	96.1	19.0	28.6#
125	96.4	13.7	20.5#