Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004516.D
Acq On : 02 Mar 2016 12:43
Operator : SJ/UM
Sample : H1509-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1

Quant Time: Mar 02 15:33:45 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	20248	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	79493	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	41811	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	100351	5.00	ng		0.00
26) Chrysene-d12	21.23	240	77552	5.00	ng		0.00
35) Perylene-d12	23.45	264	70352	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	13650	3.22	ng		-0.02
5) Phenol-d6	6.81	99	9334	1.76	ng		-0.02
8) Nitrobenzene-d5	8.77	82	18321	4.33	ng		-0.02
14) 2,4,6-Tribromophenol	15.77	330	14255	9.23	ng		-0.02
15) 2-Fluorobiphenyl	12.87	172	62221	4.78	ng		-0.01
29) Terphenyl-d14	19.65	244	51773	4.49	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.46	42	790	0.56	ng	#	1
6) bis(2-Chloroethyl)ether	7.07	93	260	0.14	ng	#	1
9) Nitrobenzene	8.77	77	8783	1.91	ng	#	5
10) Naphthalene	10.42	128	11768	0.63	ng	#	41
16) Acenaphthylene	13.97	152	8941	0.52	ng	#	1
17) Acenaphthene	14.33	154	10516	0.90	ng	#	5
18) Fluorene	15.33	166	33731	2.40	ng	#	11
20) 4-Bromophenyl-phenylether	16.19	248	44	0.14	ng	#	1
21) Hexachlorobenzene	16.35	284	14	Below Cal		#	100
22) Pentachlorophenol	16.70	266	823	1.38	ng		94
23) Phenanthrene	17.06	178	16053	0.71	ng	#	69
24) Anthracene	17.14	178	2386	0.27	ng	#	68
27) Benzidine	19.23	184	206	0.37	ng	#	1
28) Pyrene	19.47	202	1633	0.02	ng	#	90
30) Benzo(a)anthracene	21.27	228	3075	0.16	ng	#	80
32) Chrysene	21.27	228	3216	Below Cal		#	78
33) Bis(2-ethylhexyl)phthalate	21.12	149	2439	0.26	ng	#	97
36) Benzo(b)fluoranthene	22.80	252	1043	Below Cal		#	25
37) Benzo(k)fluoranthene	22.84	252	808	Below Cal		#	9

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
Data File : BM004516.D
Acq On : 02 Mar 2016 12:43
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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BNA_M
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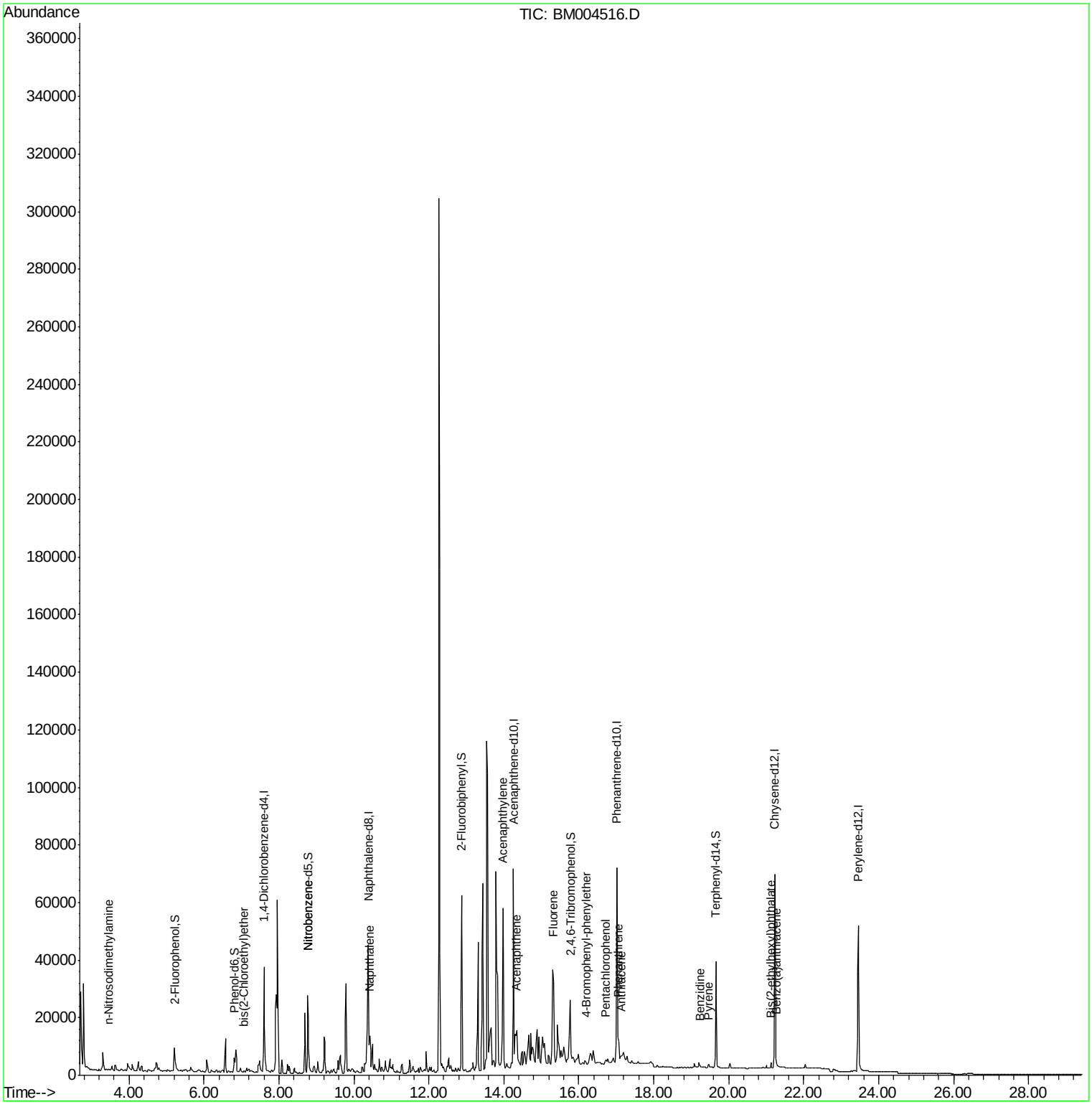
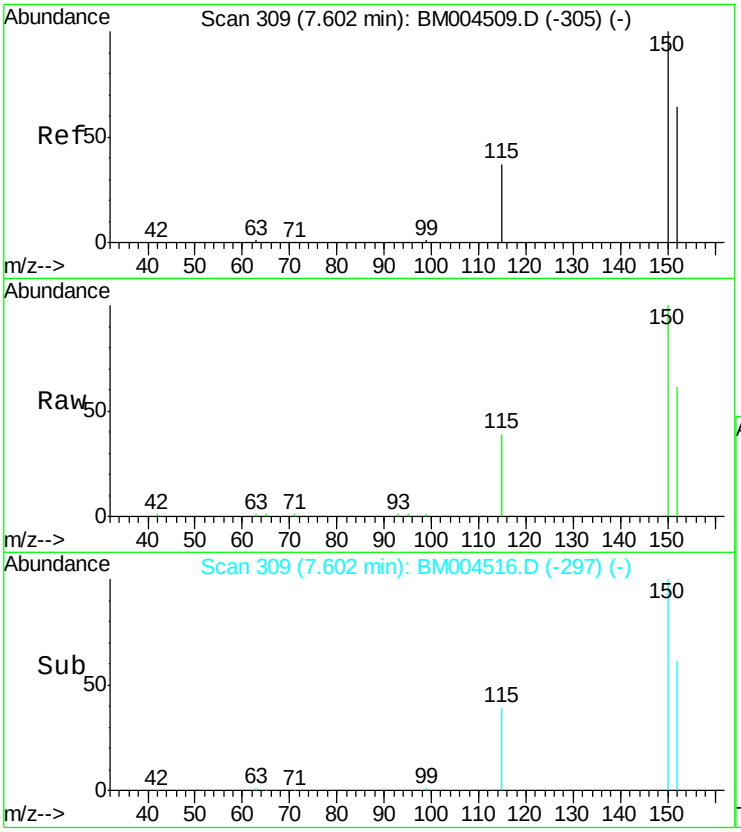
MW-1

Quant Time: Mar 02 15:33:45 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



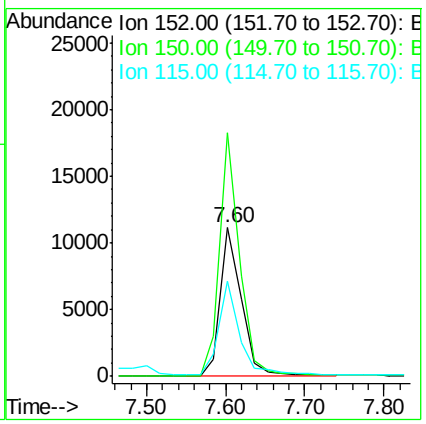


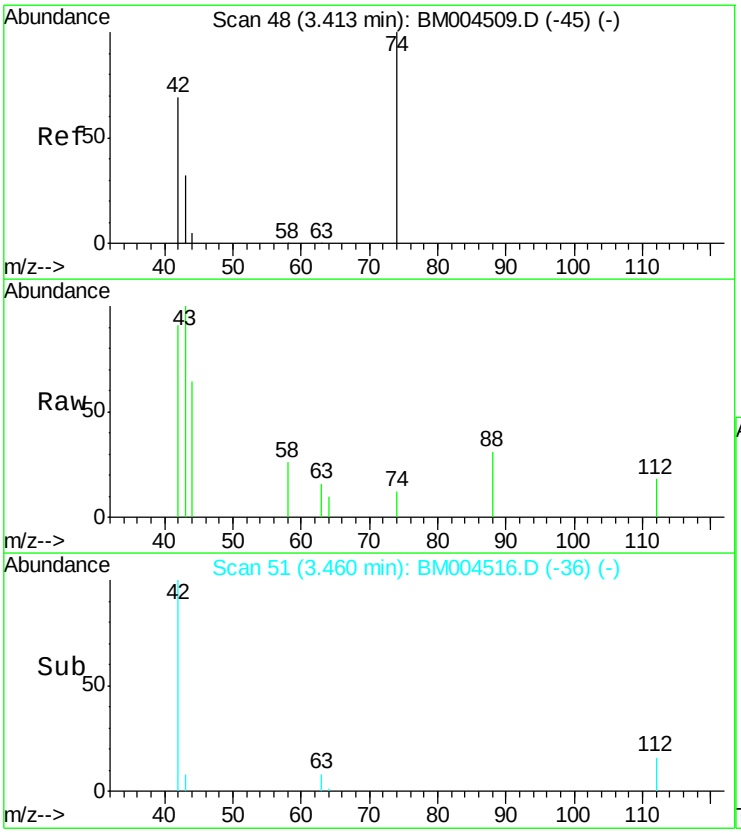
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 20248

Ion	Ratio	Lower	Upper
152	100		
150	164.2	134.2	201.2
115	63.9	52.2	78.4

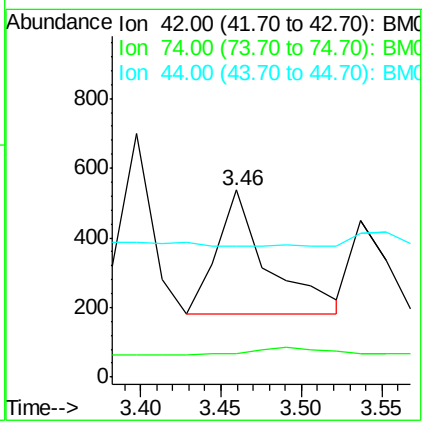


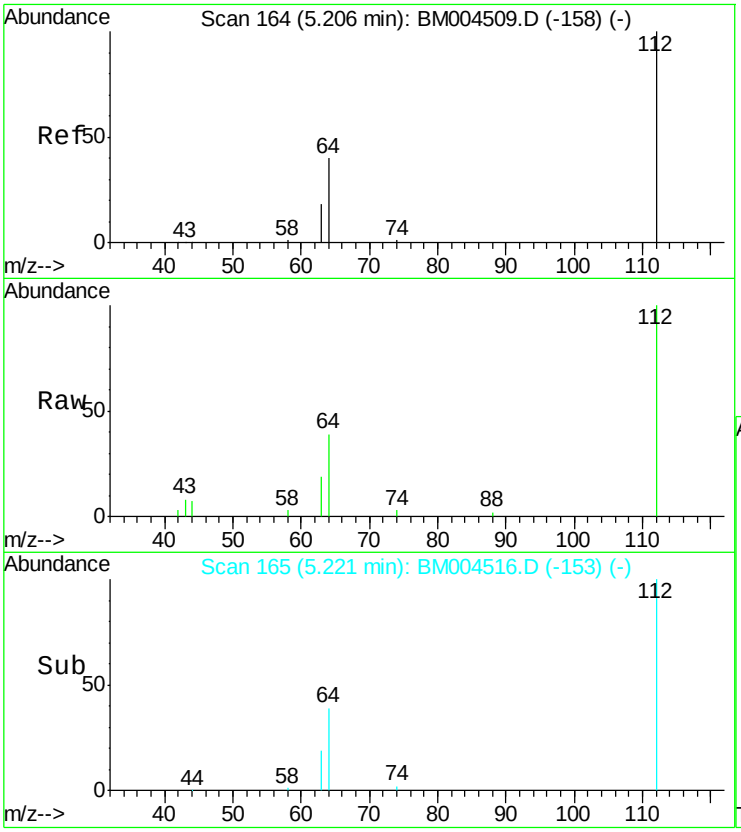


#3
n-Nitrosodimethylamine
Concen: 0.56 ng
RT: 3.46 min Scan# 51
Delta R.T. 0.03 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion: 42 Resp: 790

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



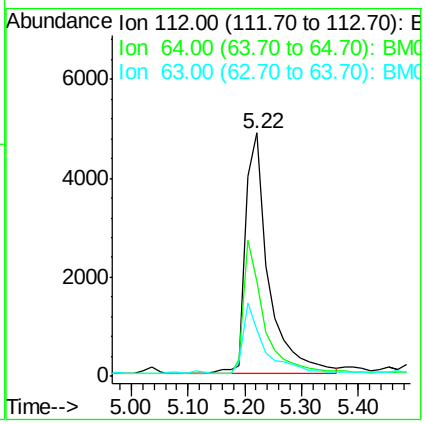


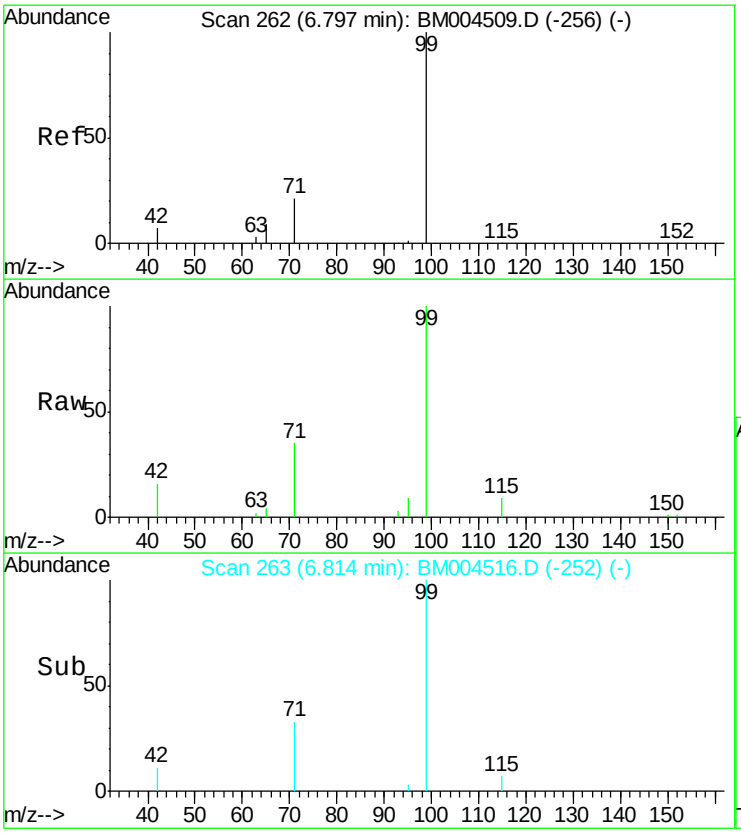
#4
2-Fluorophenol
Concen: 3.22 ng
RT: 5.22 min Scan# 165
Delta R.T. -0.02 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:112 Resp: 13650

Ion	Ratio	Lower	Upper
112	100		
64	48.8	37.0	55.6
63	26.5	19.0	28.4

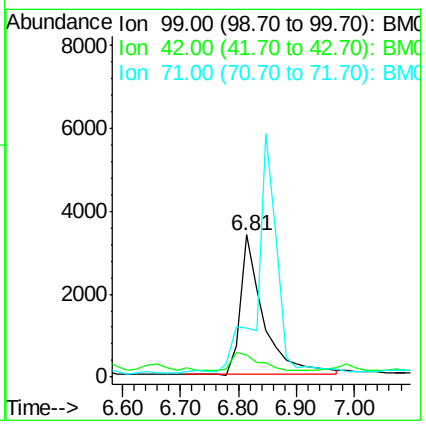


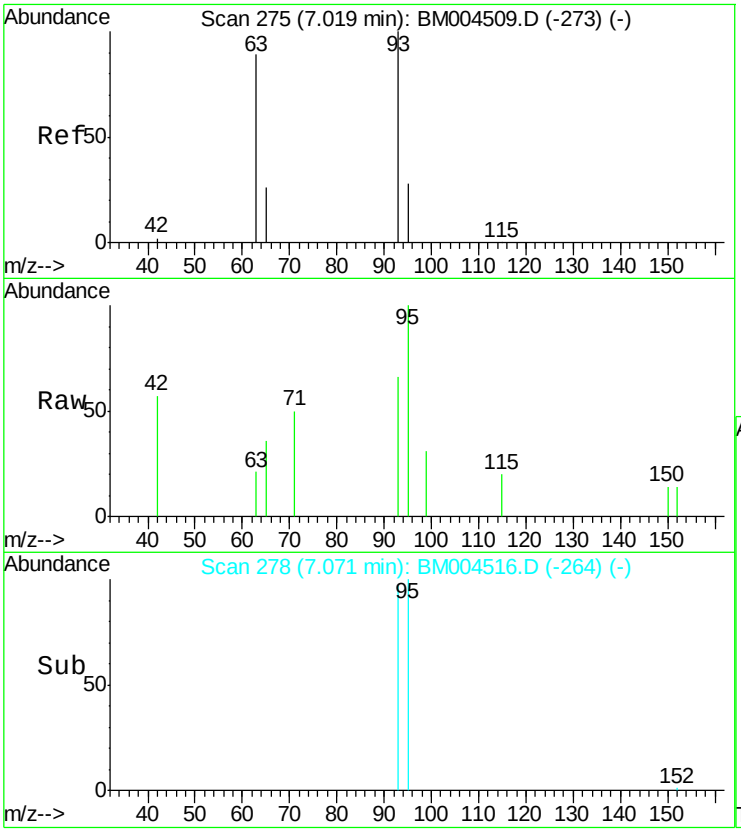


#5
Phenol-d6
Concen: 1.76 ng
RT: 6.81 min Scan# 263
Delta R.T. -0.02 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion: 99 Resp: 9334

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.4
71	0.0	23.4	35.2#



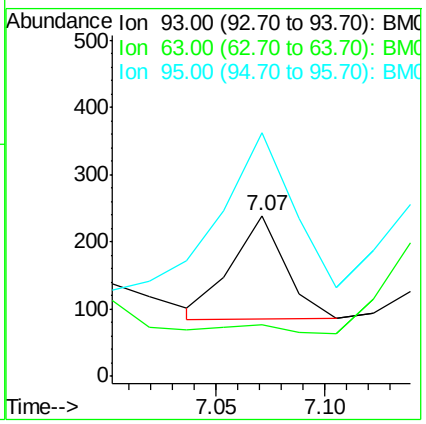


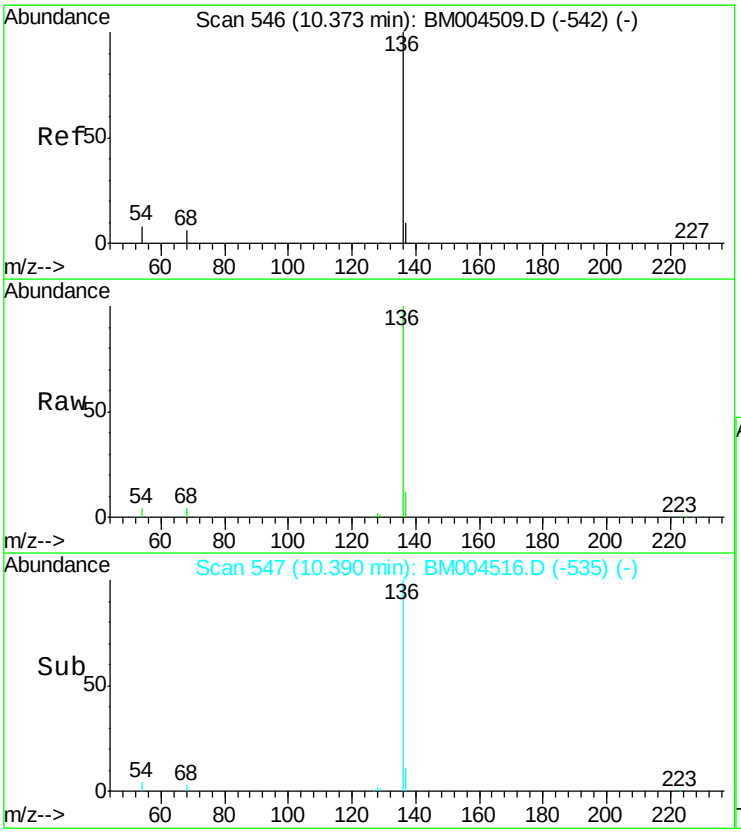
#6
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 7.07 min Scan# 278
Delta R.T. 0.03 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion: 93 Resp: 260

Ion	Ratio	Lower	Upper
93	100		
63	0.0	51.1	76.7#
95	205.4	25.0	37.6#

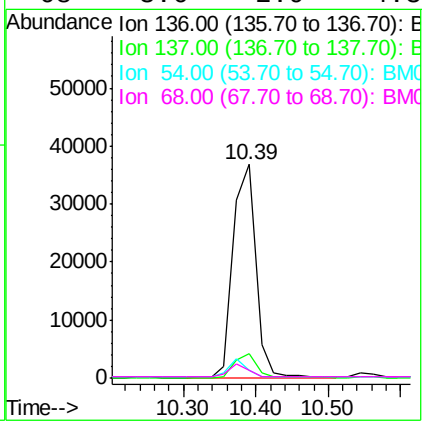


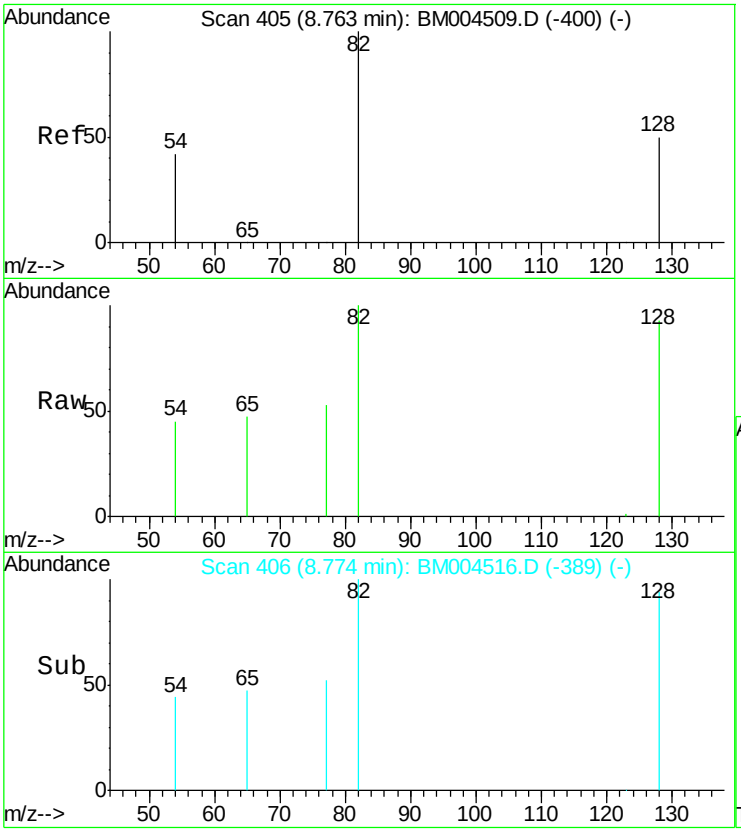


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:136 Resp: 79493

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	3.8	3.3	4.9
68	3.6	2.9	4.3



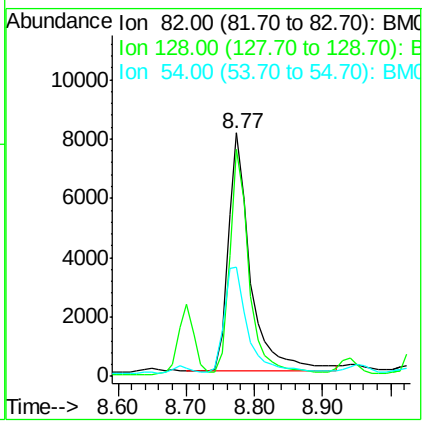


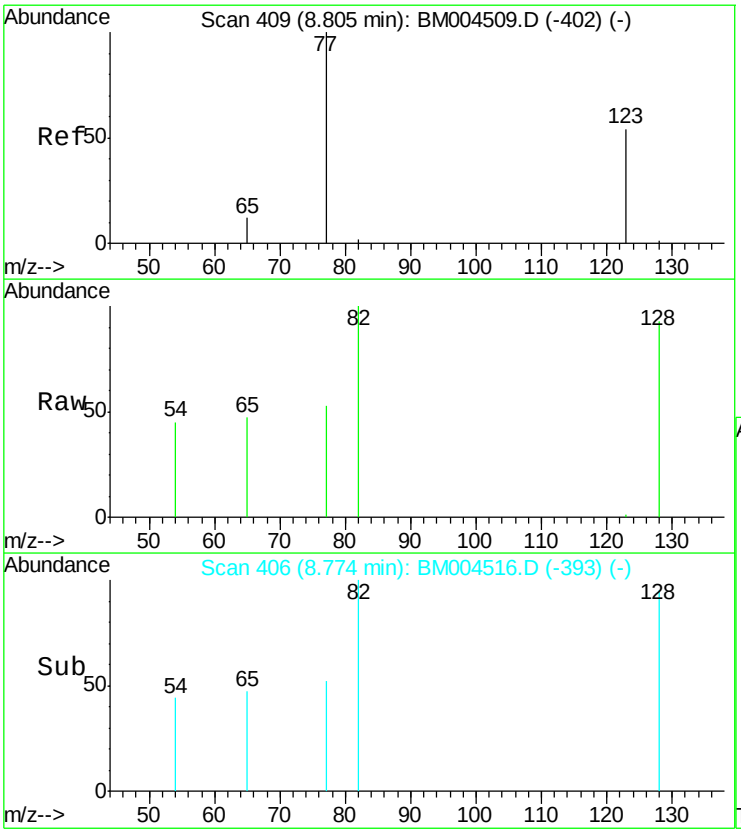
#8
Nitrobenzene-d5
Concen: 4.33 ng
RT: 8.77 min Scan# 406
Delta R.T. -0.02 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 18321

Ion	Ratio	Lower	Upper
82	100		
128	93.3	41.9	62.9#
54	44.8	34.2	51.2

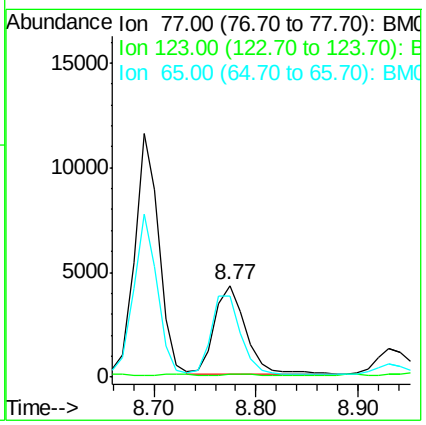


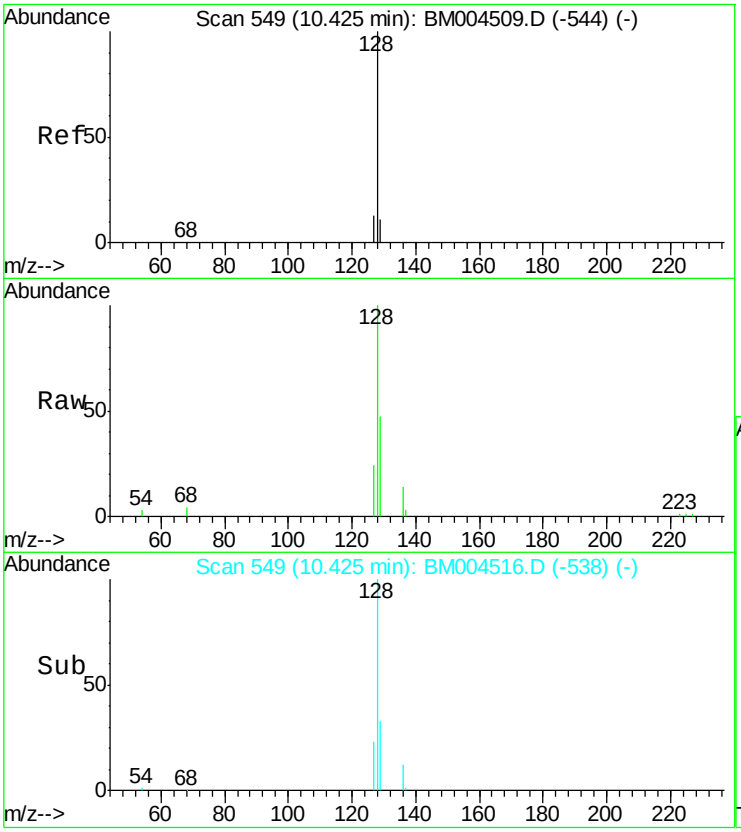


#9
Nitrobenzene
Concen: 1.91 ng
RT: 8.77 min Scan# 406
Delta R.T. -0.06 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion: 77 Resp: 8783

Ion	Ratio	Lower	Upper
77	100		
123	1.5	42.5	63.7#
65	87.7	10.0	15.0#



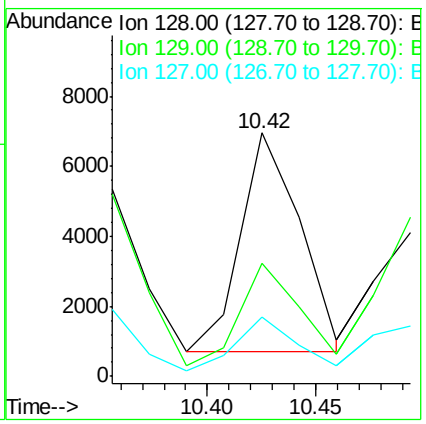


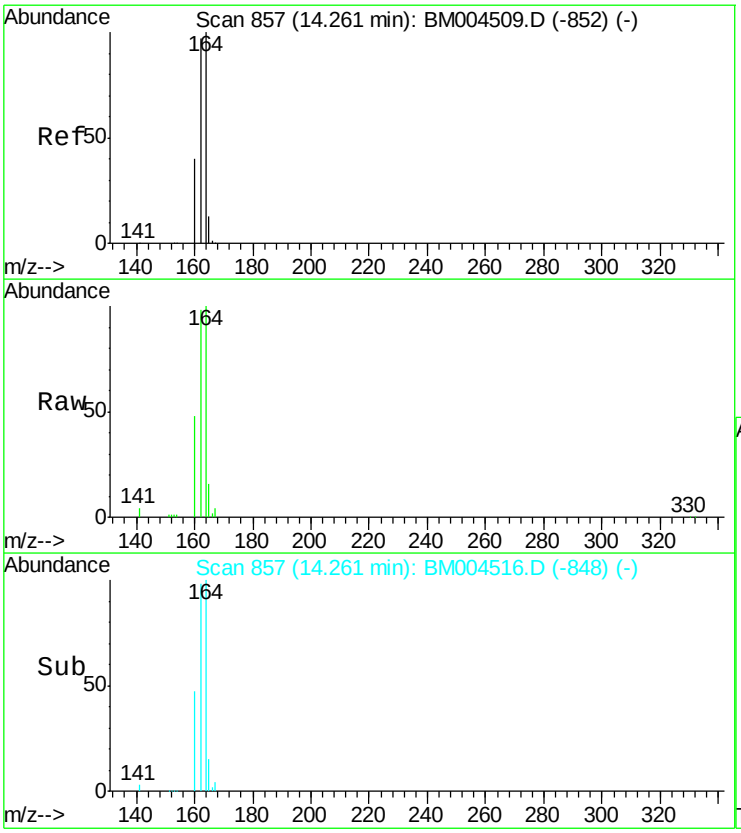
#10
Naphthalene
Concen: 0.63 ng
RT: 10.42 min Scan# 549
Delta R.T. -0.02 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:128 Resp: 11768

Ion	Ratio	Lower	Upper
128	100		
129	46.5	9.8	14.6#
127	24.5	9.9	14.9#

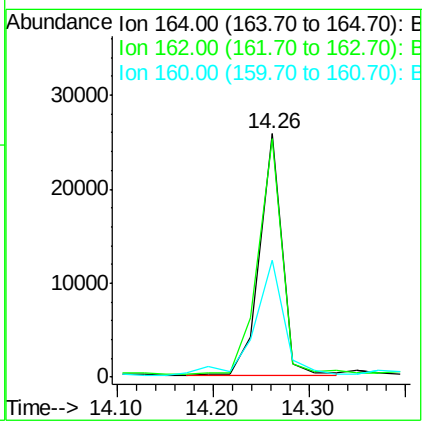


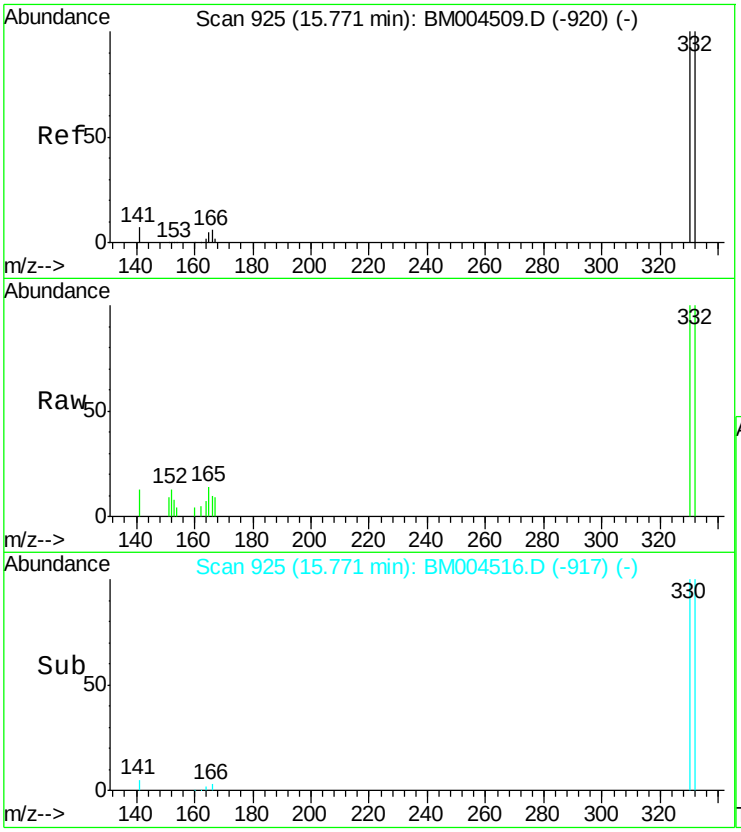


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:164 Resp: 41811

Ion	Ratio	Lower	Upper
164	100		
162	97.7	81.6	122.4
160	48.3	34.9	52.3



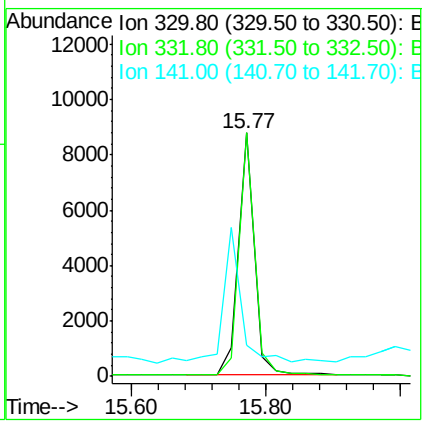


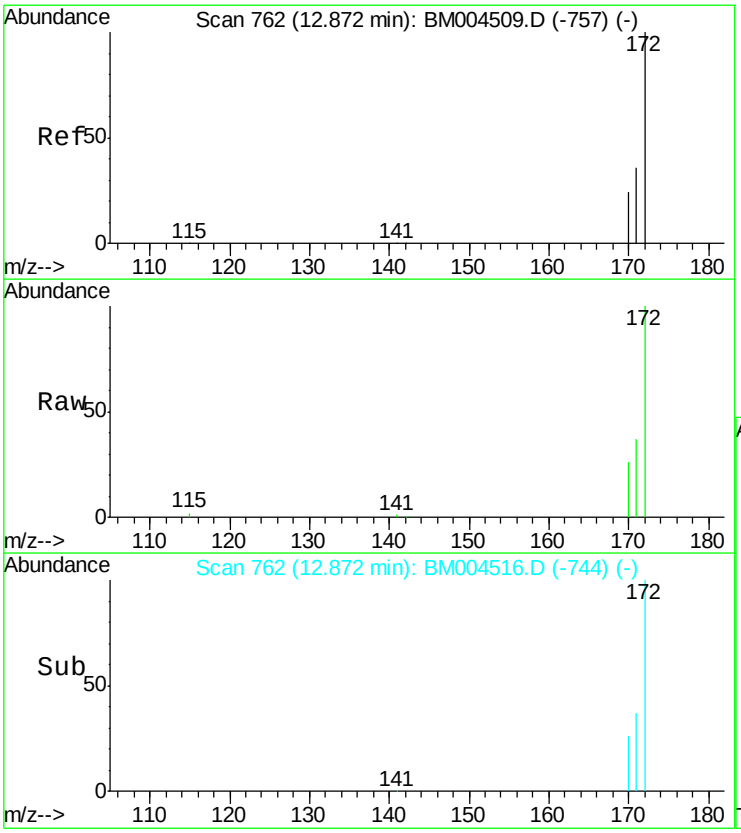
#14
2,4,6-Tribromophenol
Concen: 9.23 ng
RT: 15.77 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:330 Resp: 14255

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	0.0	0.0	0.0

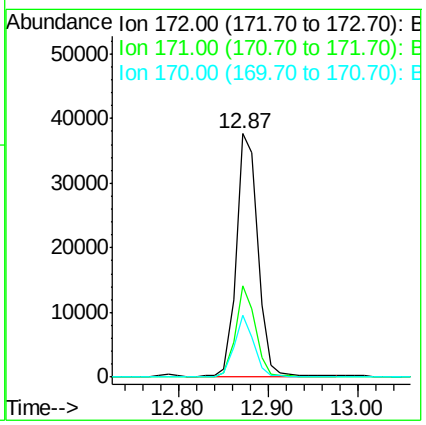


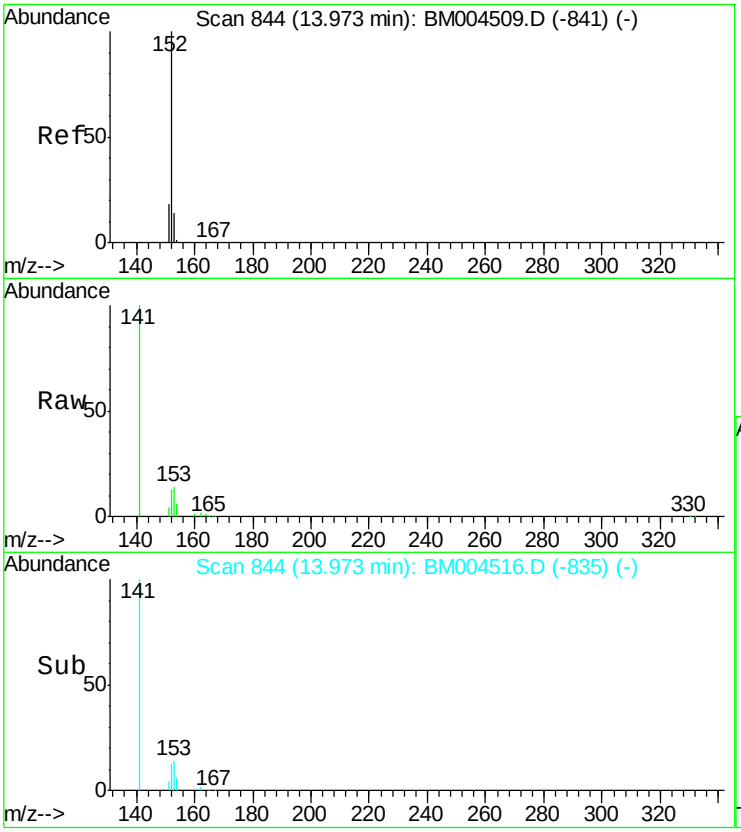


#15
2-Fluorobiphenyl
Concen: 4.78 ng
RT: 12.87 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:172 Resp: 62221

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.5	44.3
170	25.7	20.2	30.2



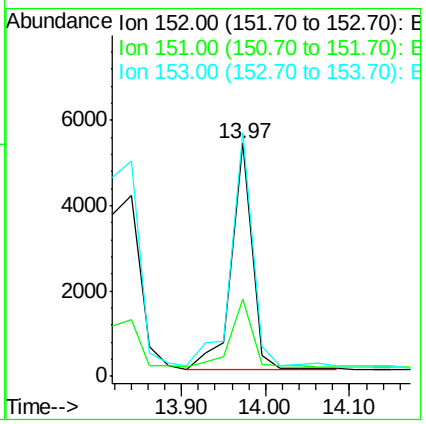


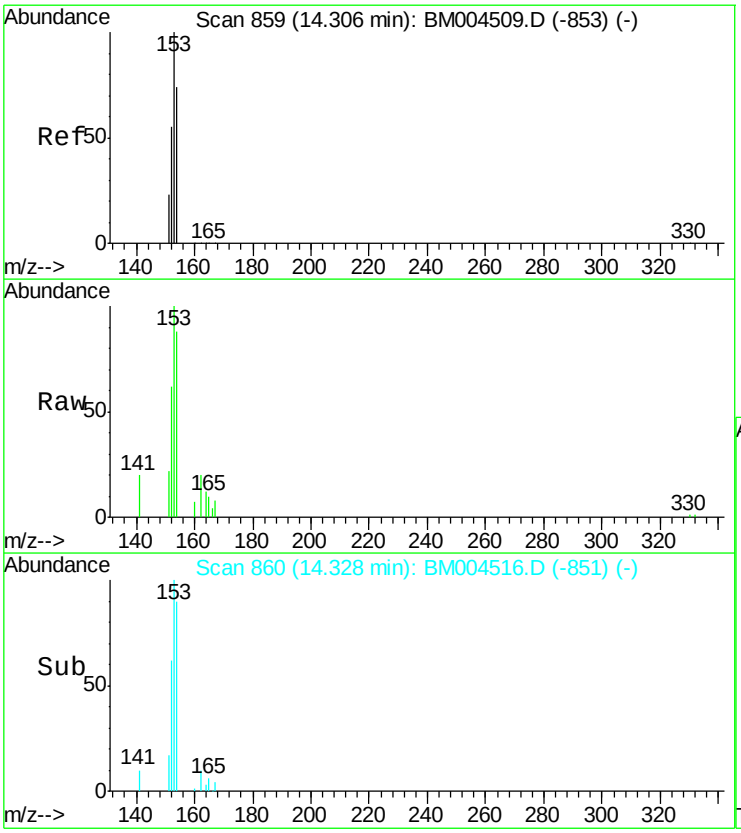
#16
Acenaphthylene
Concen: 0.52 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 8941

Ion	Ratio	Lower	Upper
152	100		
151	32.8	15.8	23.6#
153	107.0	10.2	15.4#

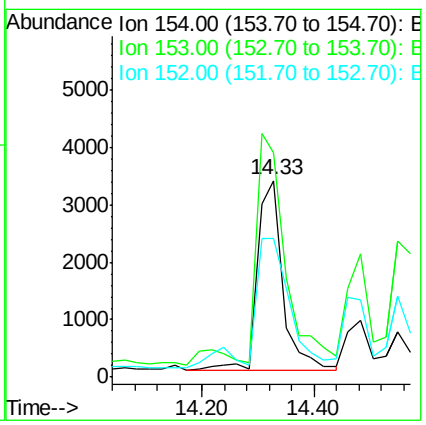


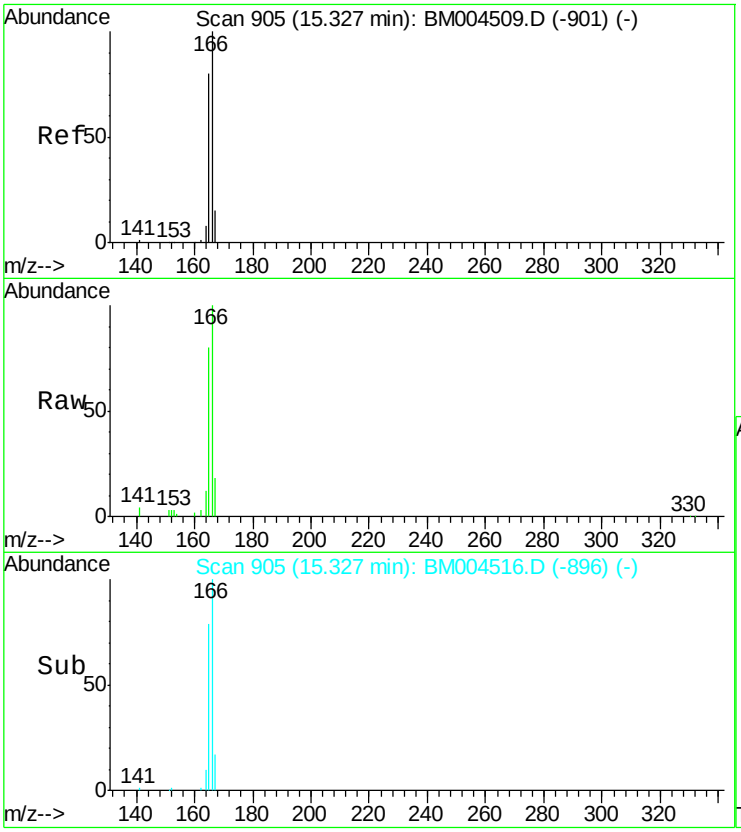


#17
Acenaphthene
Concen: 0.90 ng
RT: 14.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:154 Resp: 10516

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



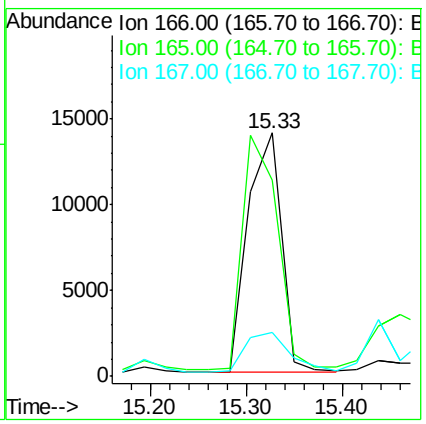


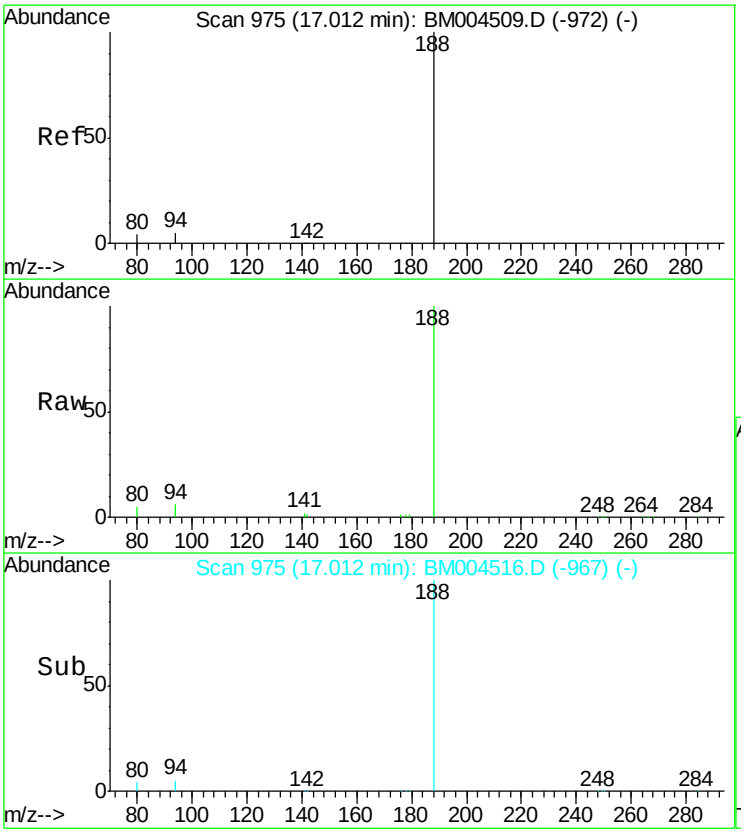
#18
Fluorene
Concen: 2.40 ng
RT: 15.33 min Scan# 905
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:166 Resp: 33731

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.6#
167	21.5	10.8	16.2#

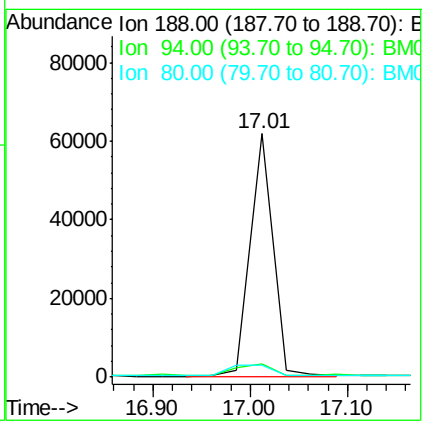


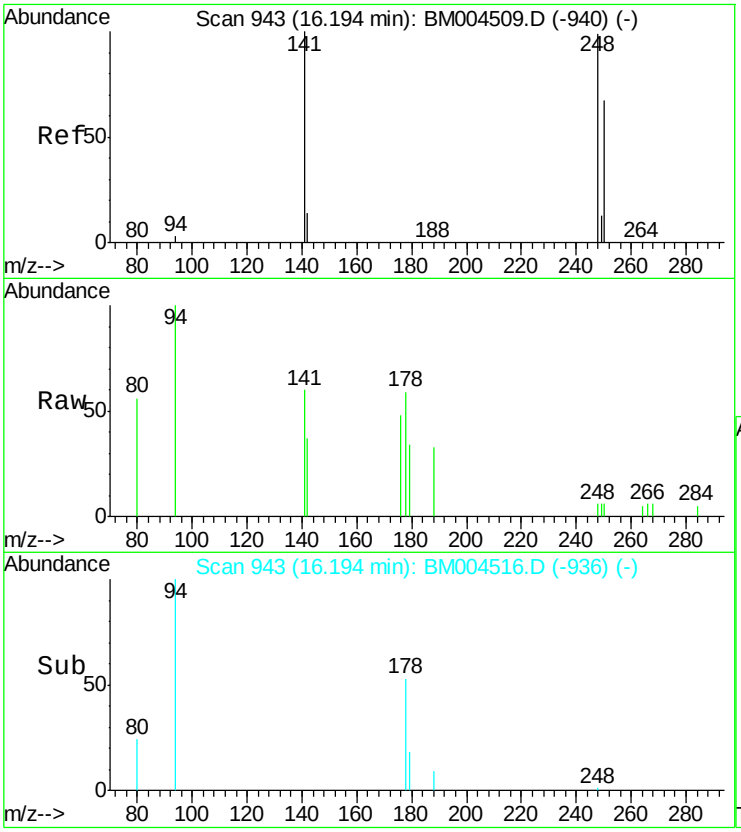


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:188 Resp: 100351

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.3	9.5#
80	4.7	5.9	8.9#



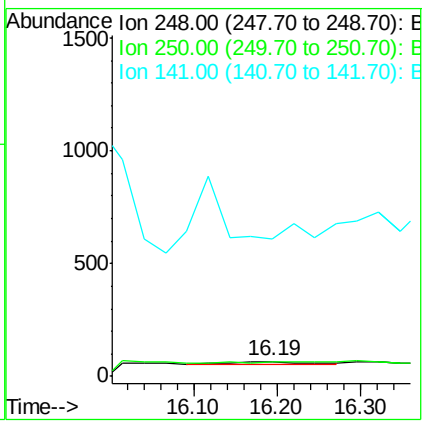


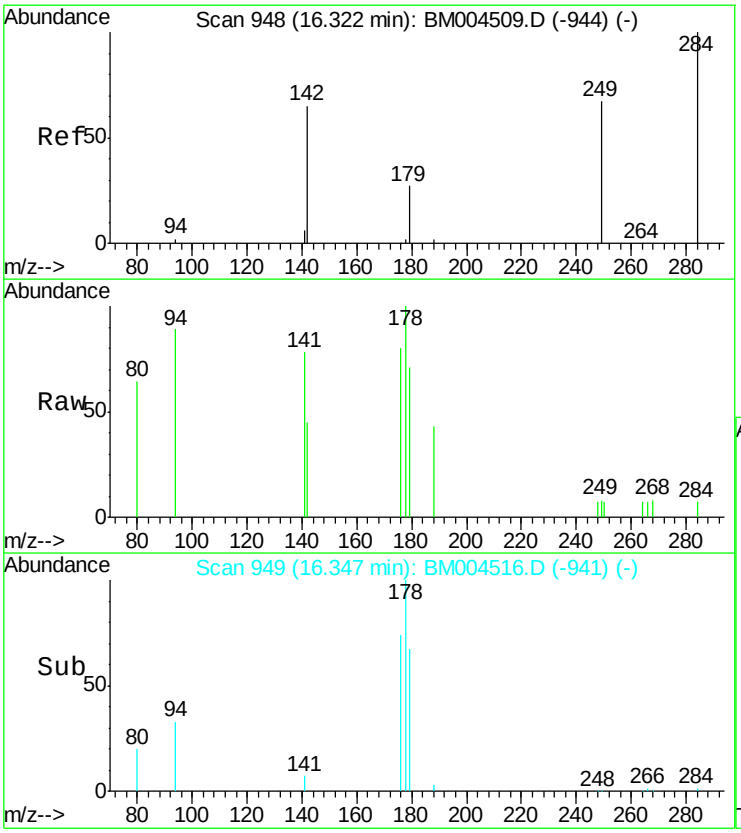
#20
4-Bromophenyl-phenylether
Concen: 0.14 ng
RT: 16.19 min Scan# 943
Delta R.T. -0.03 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:248 Resp: 44

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

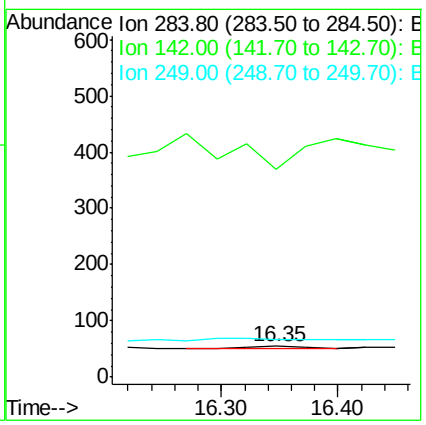


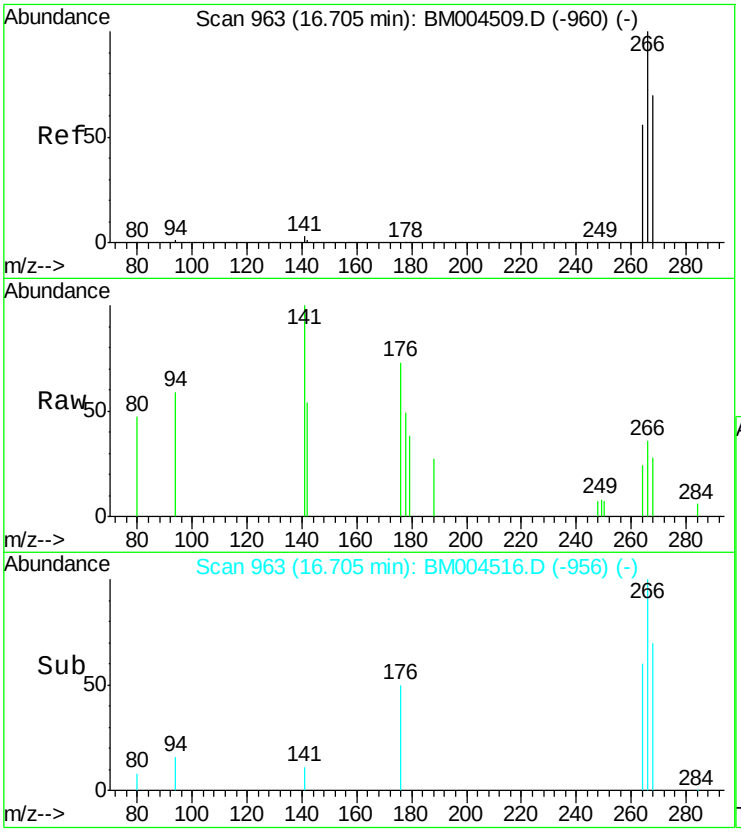


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:284 Resp: 14

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



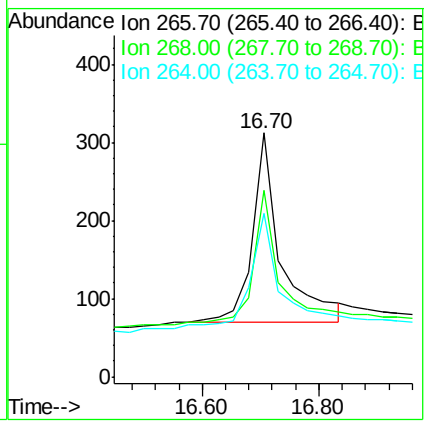


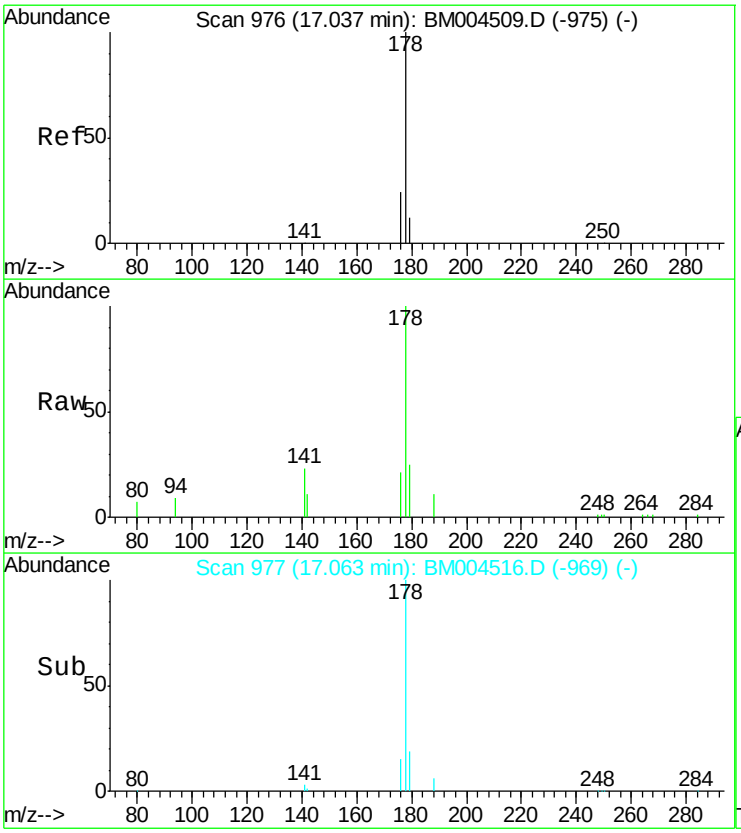
#22
Pentachlorophenol
Concen: 1.38 ng
RT: 16.70 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:266 Resp: 823

Ion	Ratio	Lower	Upper
266	100		
268	76.3	63.0	94.6
264	67.0	59.6	89.4

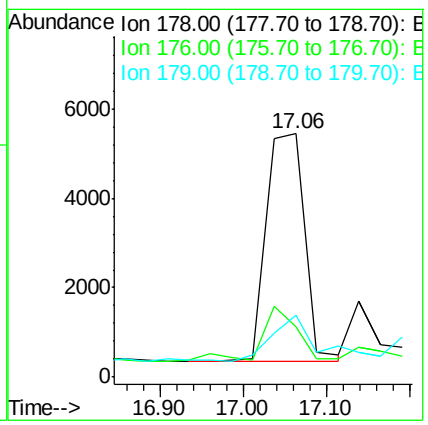


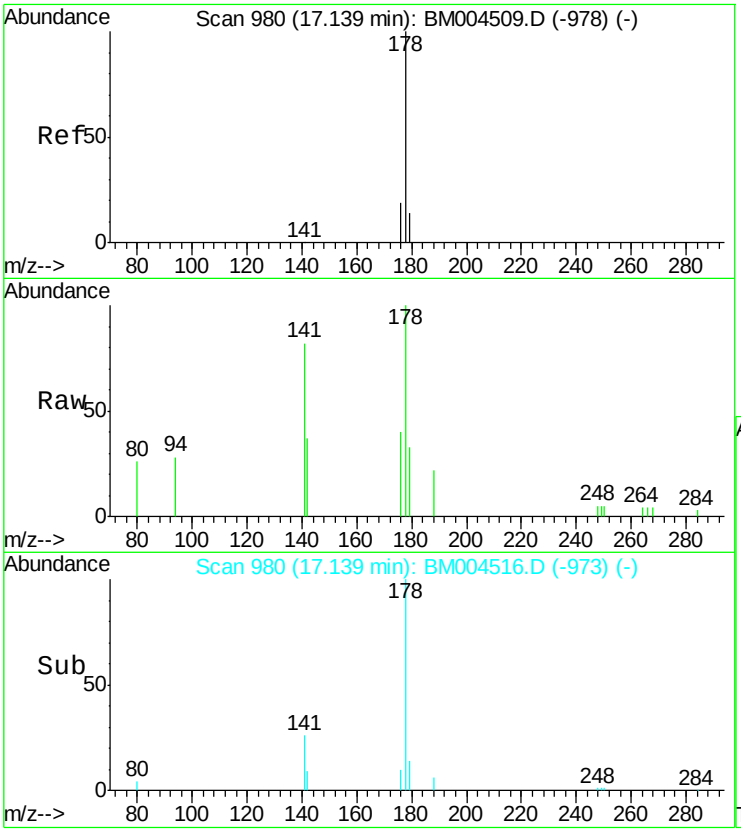


#23
Phenanthrene
Concen: 0.71 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:178 Resp: 16053

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	24.1	12.8	19.2#



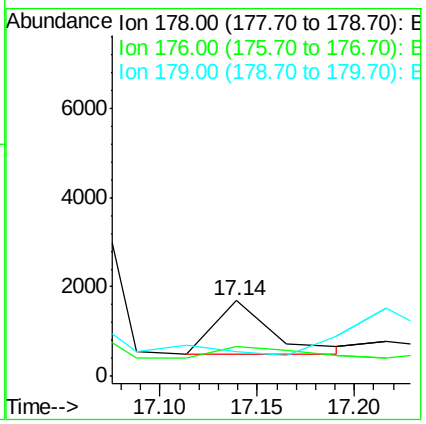


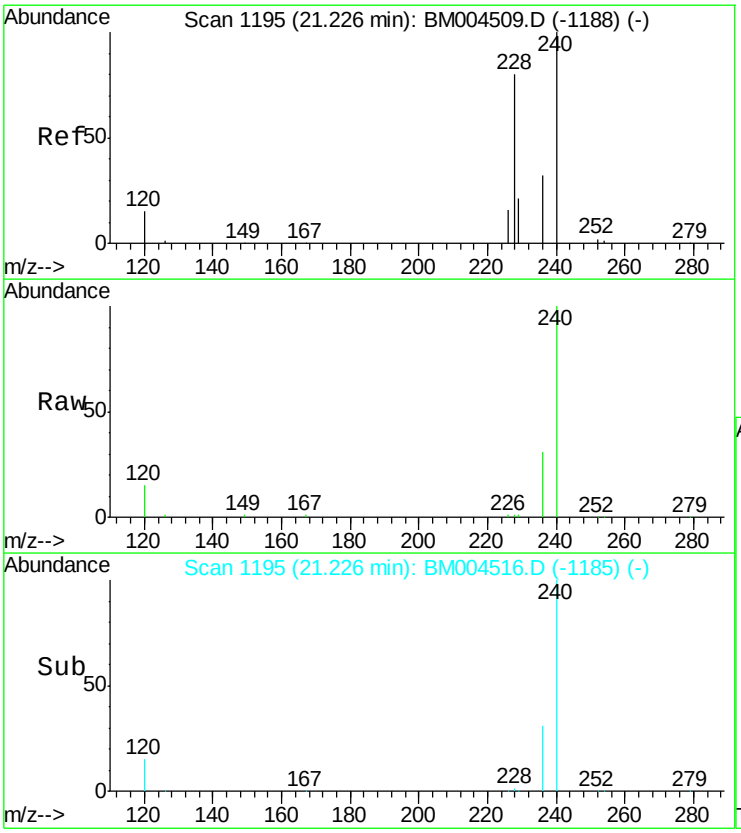
#24
Anthracene
Concen: 0.27 ng
RT: 17.14 min Scan# 980
Delta R.T. -0.03 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:178 Resp: 2386

Ion	Ratio	Lower	Upper
178	100		
176	31.2	14.7	22.1#
179	0.0	12.2	18.4#

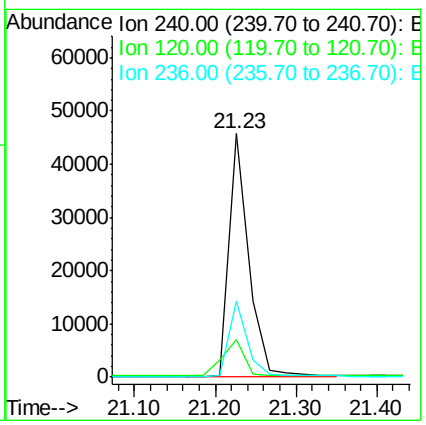


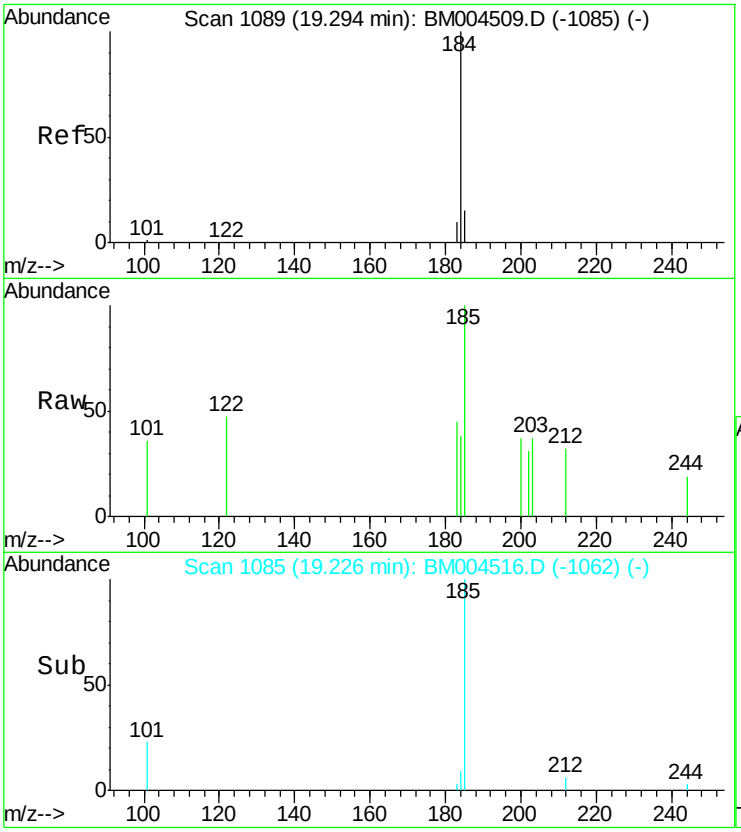


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:240 Resp: 77552

Ion	Ratio	Lower	Upper
240	100		
120	15.4	18.9	28.3#
236	31.3	26.4	39.6



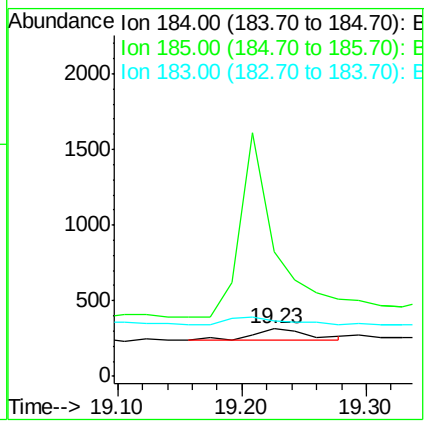


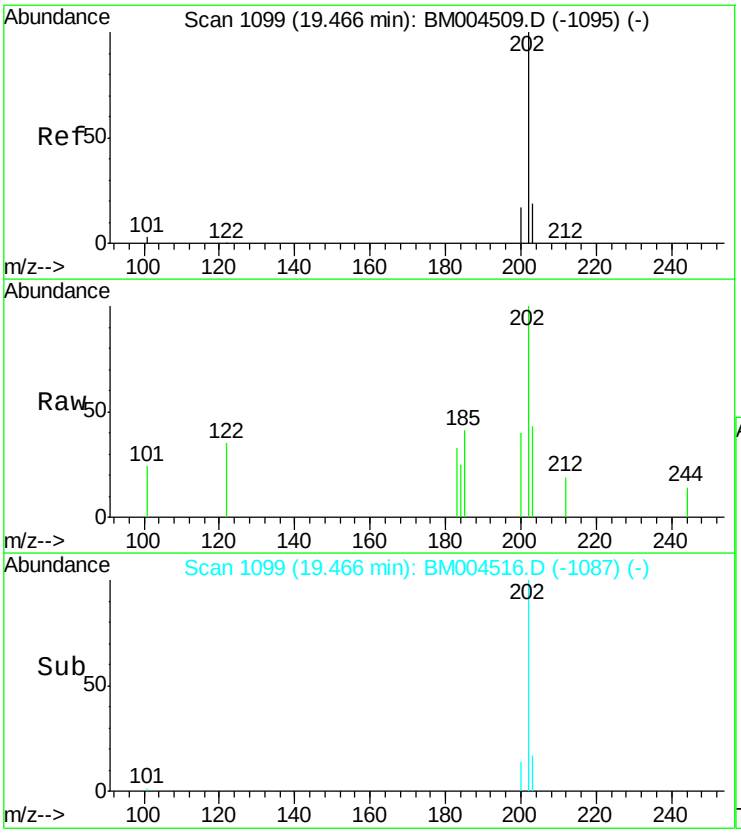
#27
Benzidine
Concen: 0.37 ng
RT: 19.23 min Scan# 1085
Delta R.T. -0.10 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:184 Resp: 206

Ion	Ratio	Lower	Upper
184	100		
185	262.4	15.0	22.4#
183	117.2	12.6	19.0#

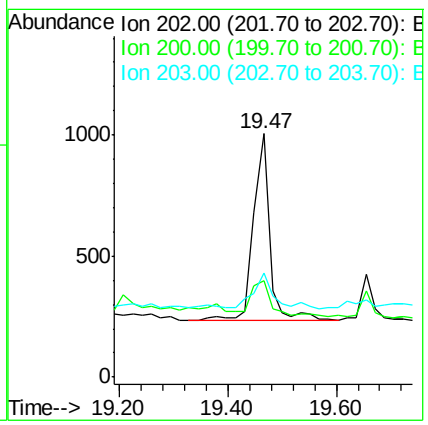


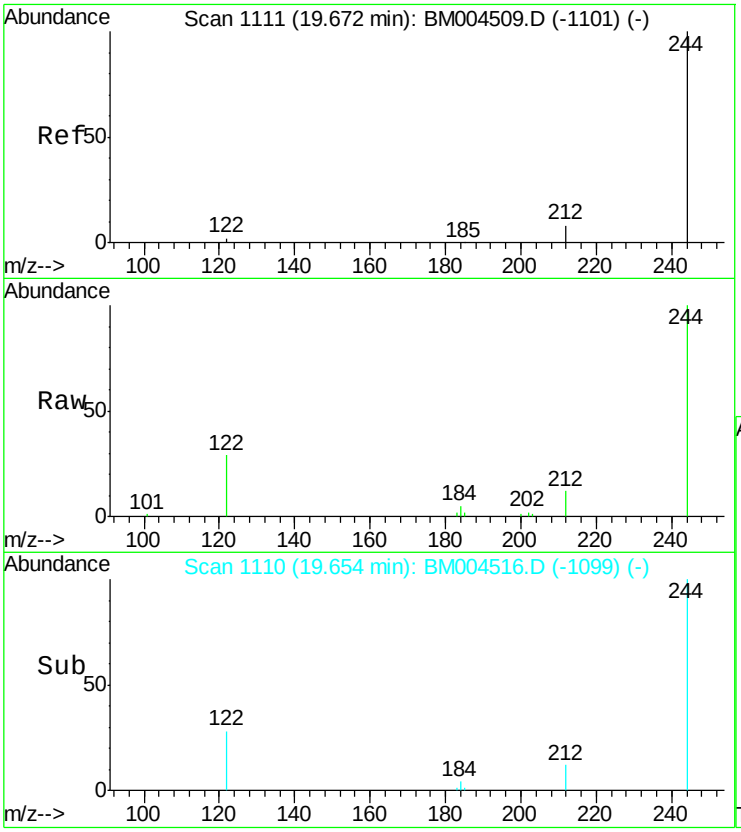


#28
Pyrene
Concen: 0.02 ng
RT: 19.47 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:202 Resp: 1633

Ion	Ratio	Lower	Upper
202	100		
200	24.1	16.6	25.0
203	23.2	13.7	20.5#



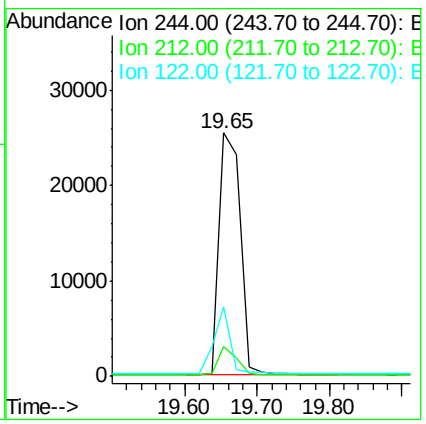


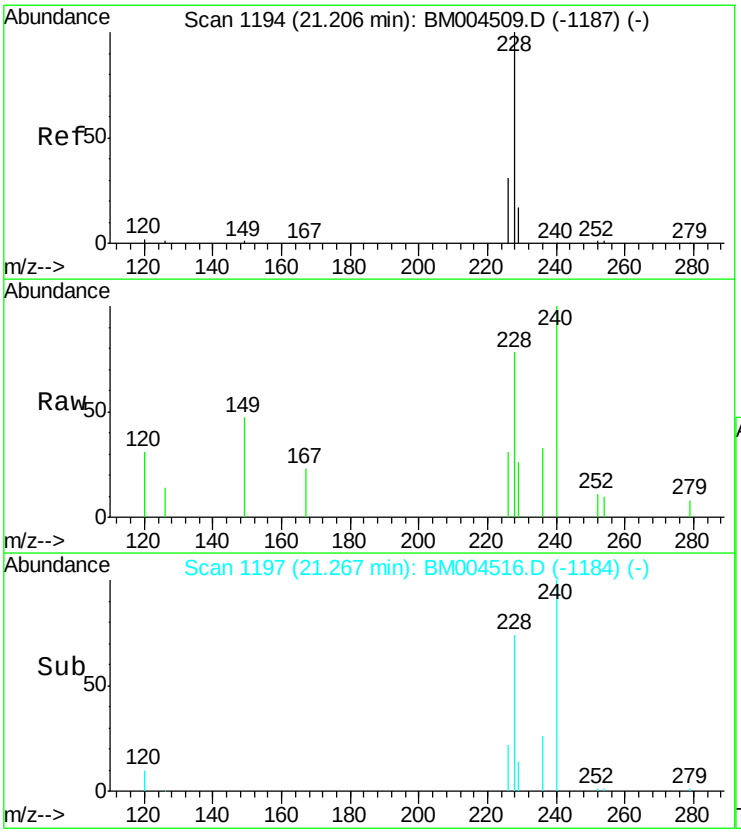
#29
Terphenyl-d14
Concen: 4.49 ng
RT: 19.65 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 51773

Ion	Ratio	Lower	Upper
244	100		
212	12.4	7.8	11.6#
122	28.8	7.0	10.4#

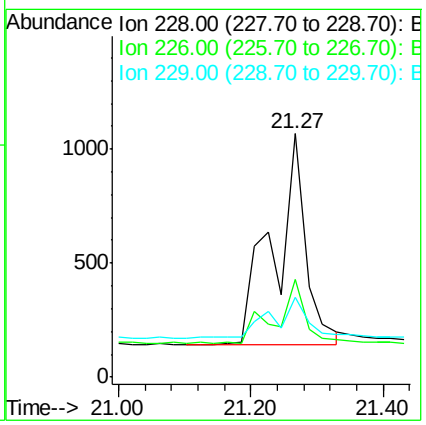


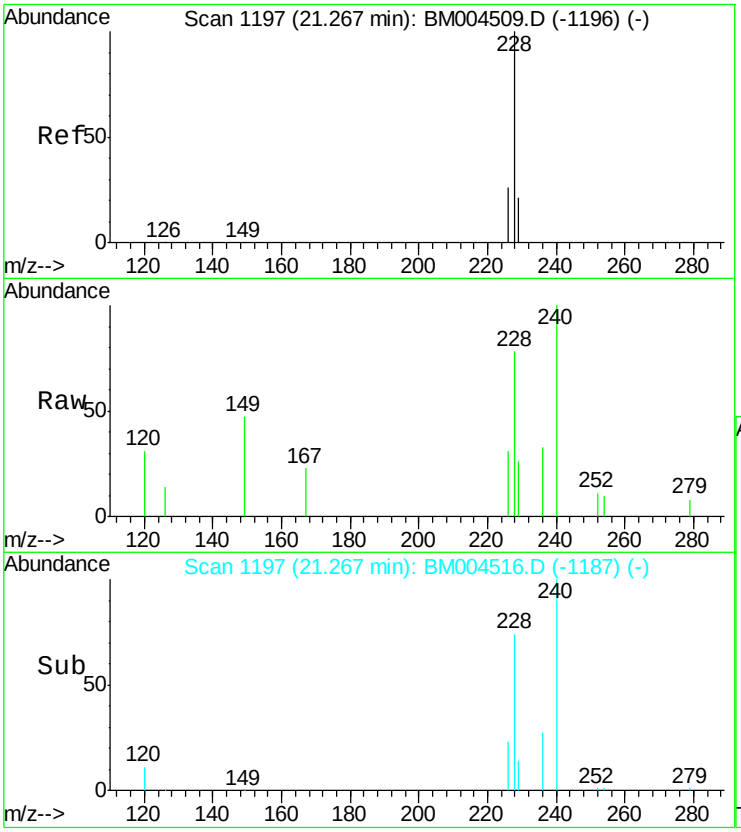


#30
Benzo(a)anthracene
Concen: 0.16 ng
RT: 21.27 min Scan# 1197
Delta R.T. 0.06 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:228 Resp: 3075

Ion	Ratio	Lower	Upper
228	100		
226	40.3	27.0	40.4
229	32.9	13.1	19.7#



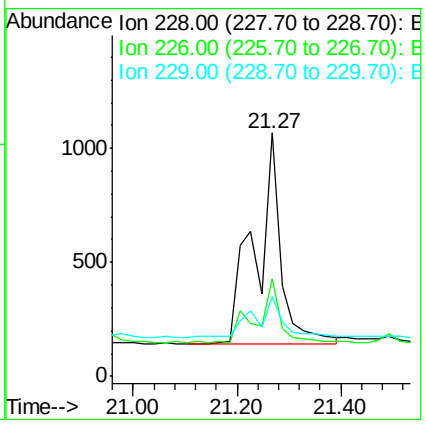


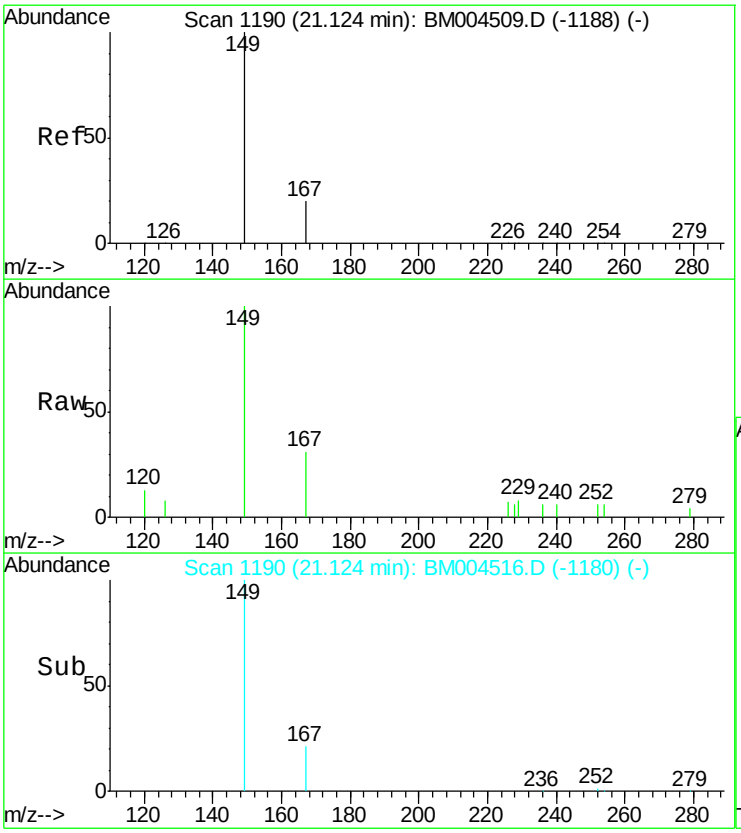
#32
Chrysene
Concen: Below Cal
RT: 21.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:228 Resp: 3216

Ion	Ratio	Lower	Upper
228	100		
226	40.3	24.6	37.0#
229	32.9	15.2	22.8#

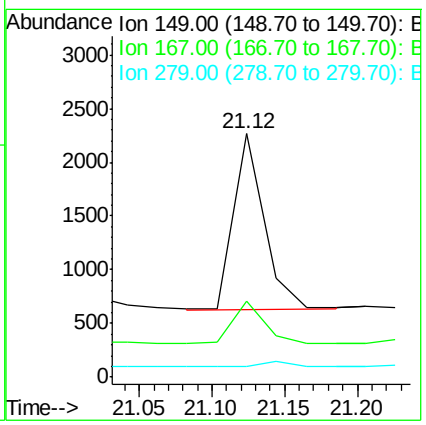


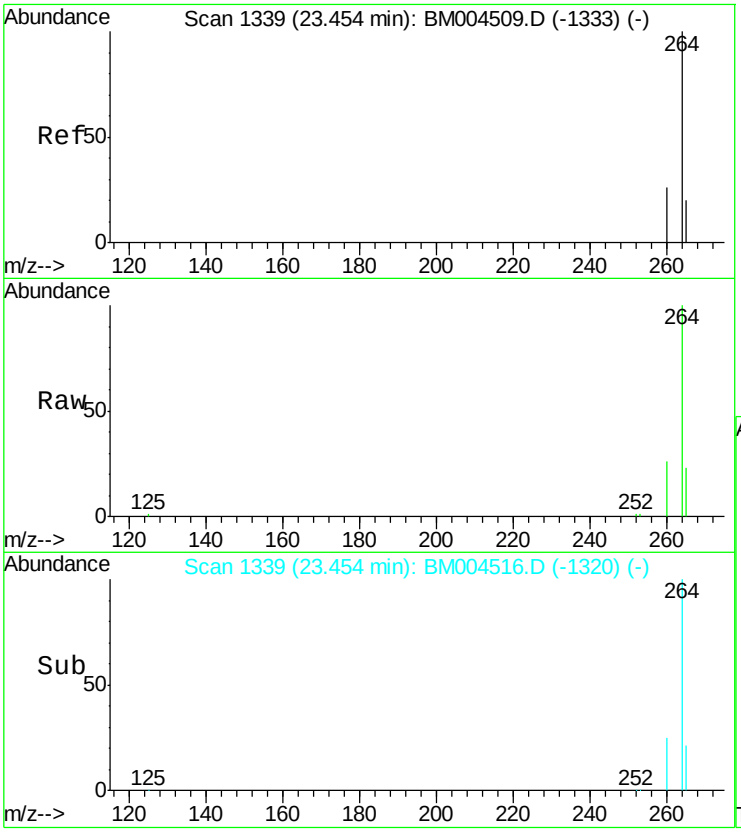


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:149 Resp: 2439

Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.2	30.4
279	0.0	0.0	0.0



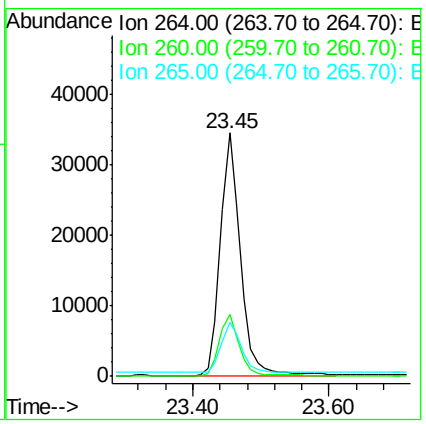


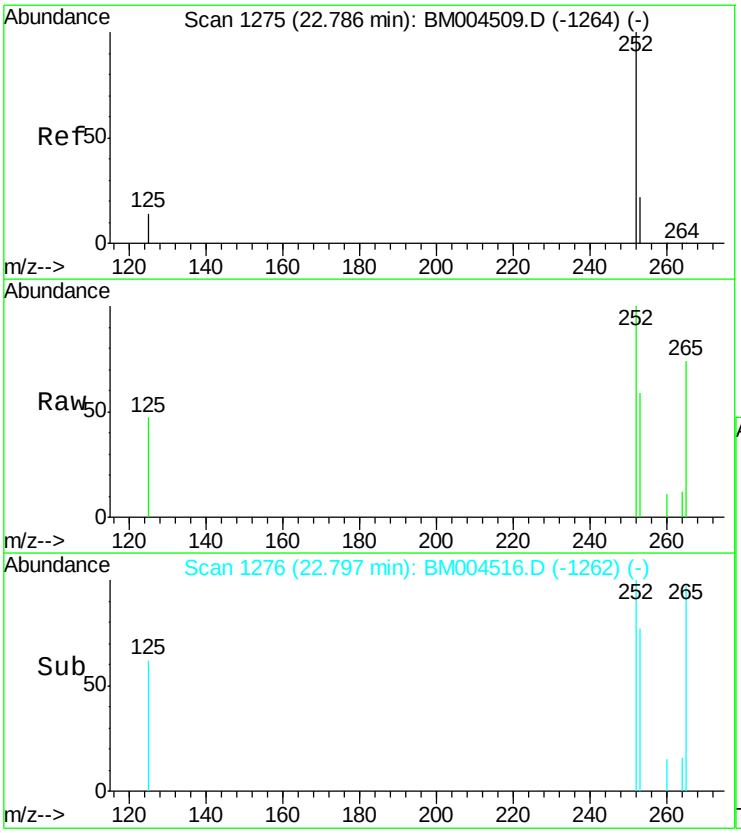
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BM004516.D
Acq: 02 Mar 2016 12:43

Instrument :
BNA_M
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 70352

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.2	31.8
265	22.5	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: BM004516.D
Acq: 02 Mar 2016 12:43

Tgt Ion:252 Resp: 1043

Ion	Ratio	Lower	Upper
252	100		
253	59.0	19.0	28.4#
125	47.3	11.7	17.5#