Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004468.D
Acq On : 29 Feb 2016 03:14
Operator : SJ/UM
Sample : H1509-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-4

Quant Time: Feb 29 06:33:54 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 05:57:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12588	5.00	ng		0.00
7) Naphthalene-d8	10.38	136	45175	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	29108	5.00	ng		0.00
15) Phenanthrene-d10	17.03	188	44746	5.00	ng		0.00
19) Chrysene-d12	21.24	240	57044	5.00	ng		0.00
28) Perylene-d12	23.46	264	44153	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	7508	2.71	ng		0.00
5) Phenol-d6	6.83	99	5042	1.60	ng		0.00
8) Nitrobenzene-d5	8.76	82	10637	4.26	ng		-0.02
13) 2,4,6-Tribromophenol	15.78	330	12538	8.40	ng		0.00
14) 2-Fluorobiphenyl	12.89	172	42641	4.80	ng		0.00
22) Terphenyl-d14	19.67	244	33964	4.68	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.40	42	48	0.05	ng	#	31
6) bis(2-Chloroethyl)ether	6.96	93	880	0.35	ng	#	41
9) Nitrobenzene	8.69	77	142	0.05	ng	#	78
11) 2-Methylnaphthalene	12.07	142	147	0.02	ng	#	60
16) Hexachlorobenzene	16.35	284	2	Below	Cal	#	100
17) Pentachlorophenol	16.72	266	75	0.40	ng	#	81
18) Fluoranthene	19.10	202	2406	0.14	ng	#	95
20) Benzidine	19.29	184	56	0.42	ng	#	1
21) Pyrene	19.48	202	2247	0.13	ng		98
23) Benzo(a)anthracene	21.26	228	3688	0.23	ng	#	80
25) Chrysene	21.26	228	3811	Below	Cal	#	89
26) Bis(2-ethylhexyl)phthalate	21.14	149	3323	0.23	ng	#	93
27) Indeno(1,2,3-cd)pyrene	25.71	276	871	0.06	ng		94
29) Benzo(b)fluoranthene	22.80	252	3451	0.21	ng	#	43
30) Benzo(k)fluoranthene	22.80	252	3451	0.24	ng	#	42
31) Benzo(a)pyrene	23.37	252	477	0.04	ng	#	1
32) Dibenzo(a,h)anthracene	25.71	278	316	0.03	ng	#	1
33) Benzo(g,h,i)perylene	26.40	276	950	0.07	ng	#	58

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

Quantitation Report (Not Reviewed)

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Operator : SJ/UM
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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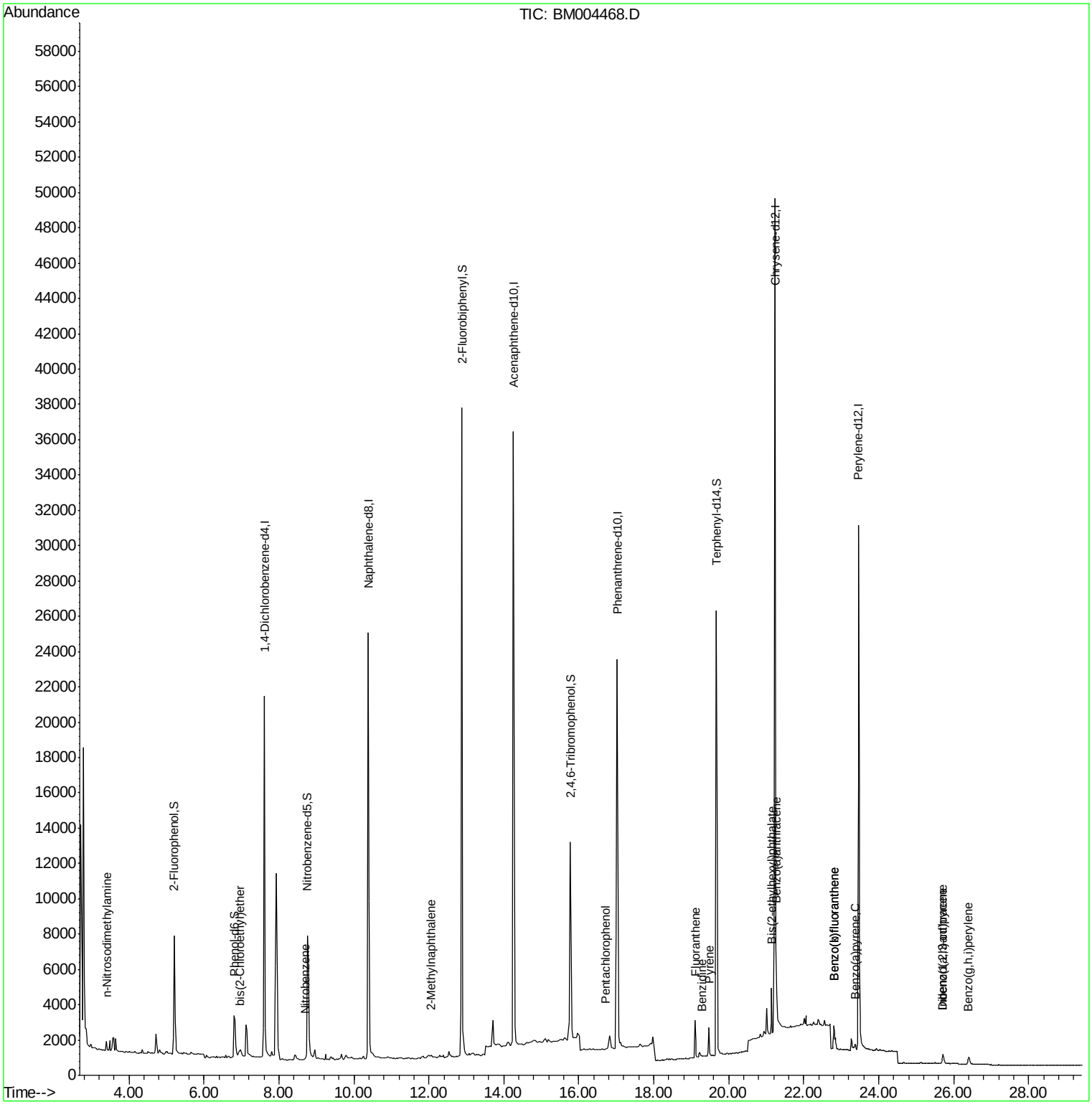
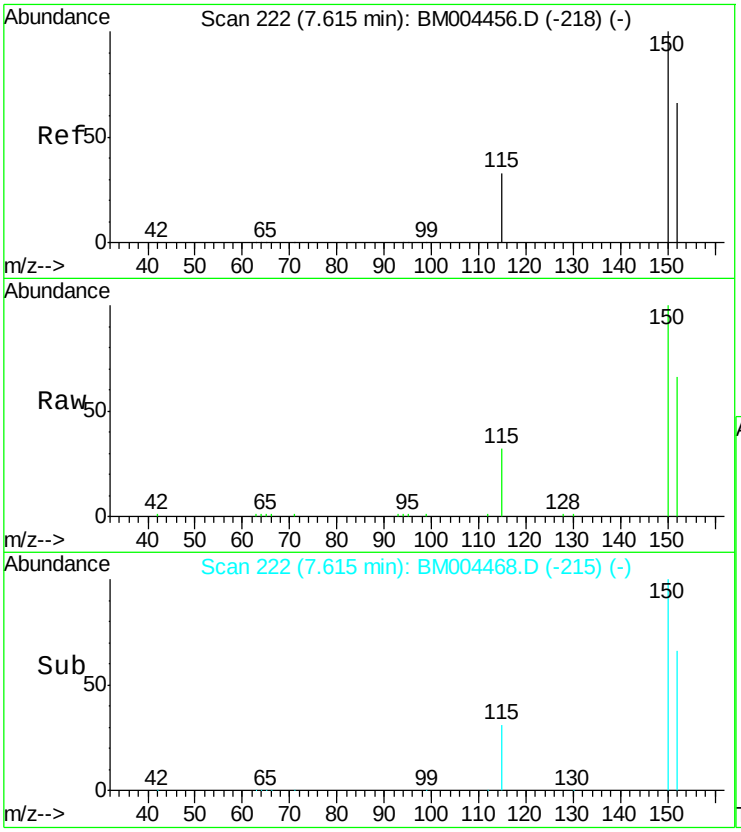


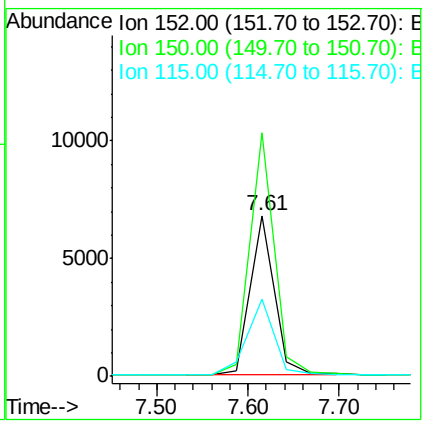


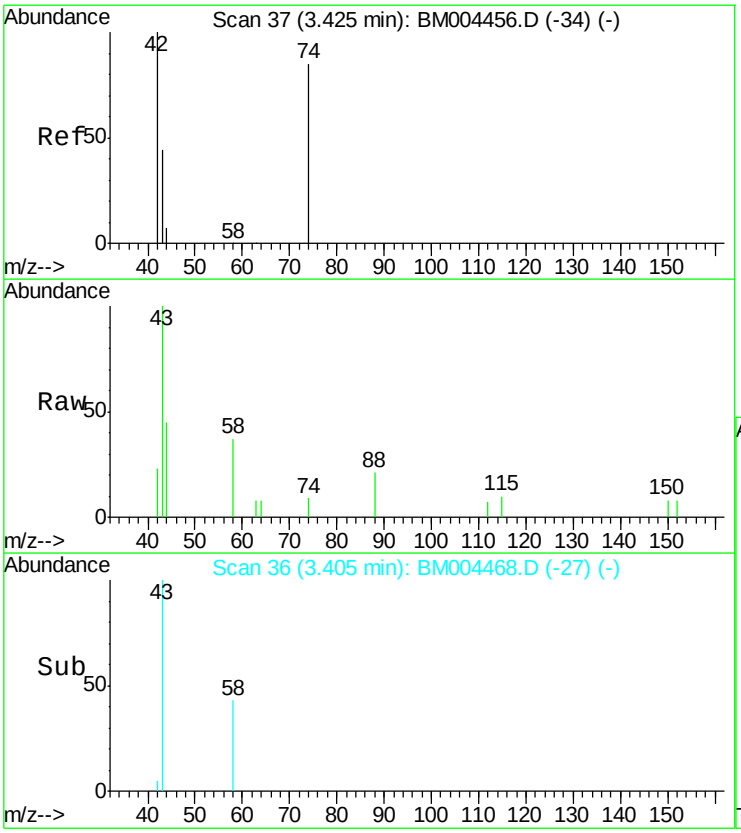
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 12588

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.9	185.9
115	48.2	40.6	61.0

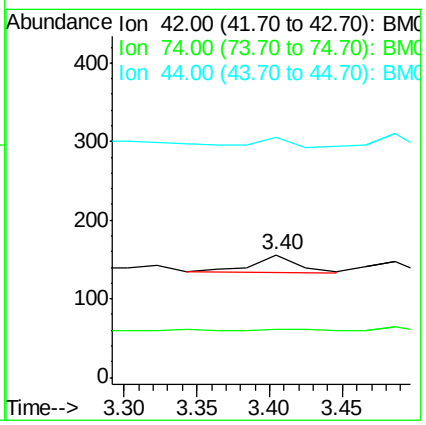


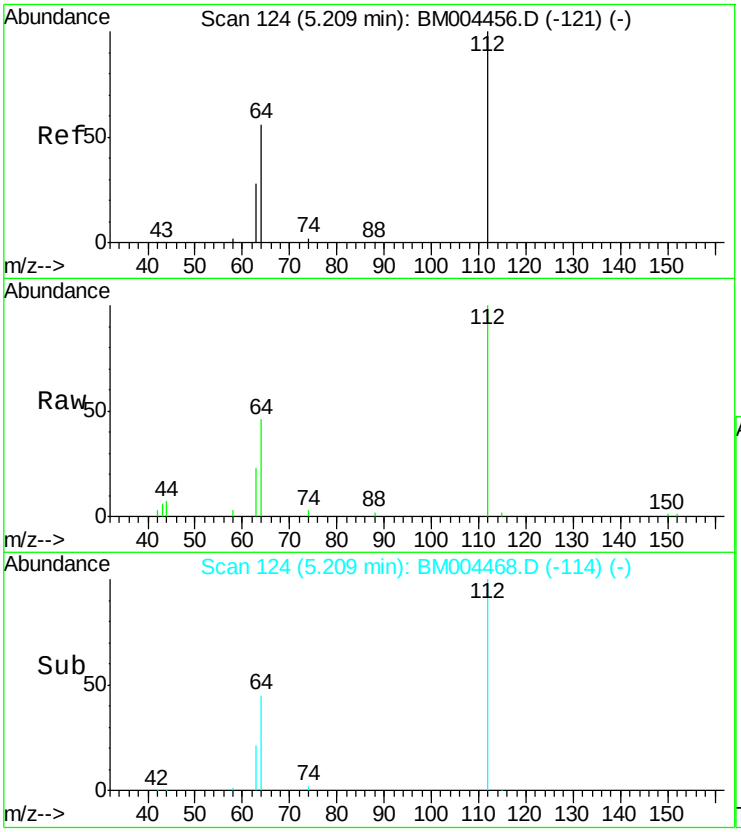


#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.40 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion: 42 Resp: 48

Ion	Ratio	Lower	Upper
42	100		
74	10.4	0.0	0.0#
44	31.3	5.8	8.6#



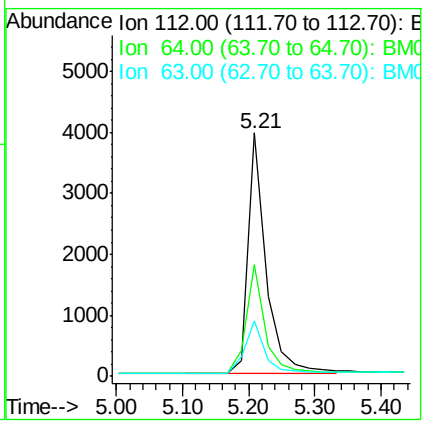


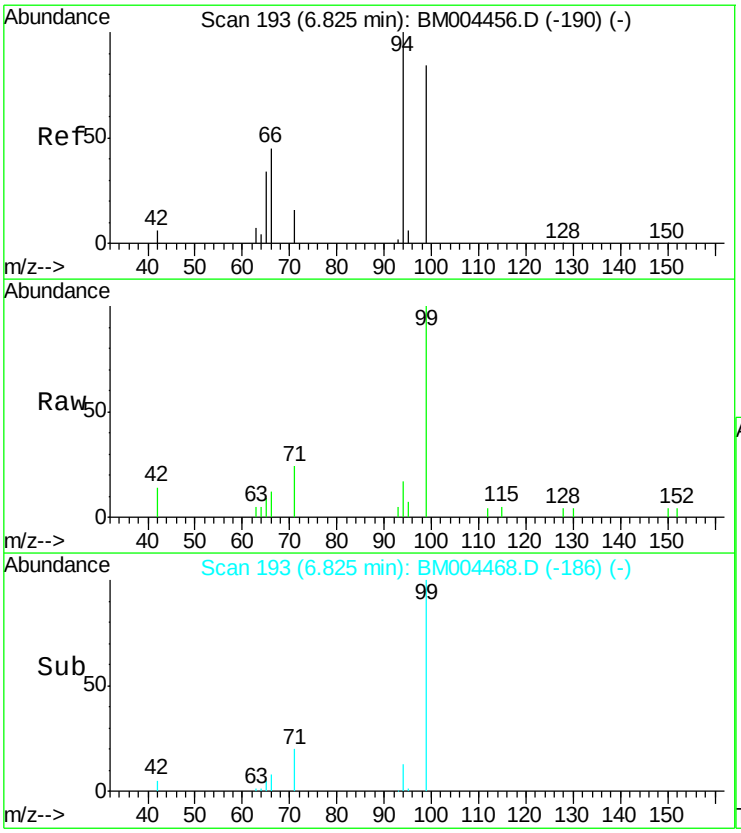
#4
2-Fluorophenol
Concen: 2.71 ng
RT: 5.21 min Scan# 124
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:112 Resp: 7508

Ion	Ratio	Lower	Upper
112	100		
64	46.9	39.4	59.2
63	23.7	19.9	29.9

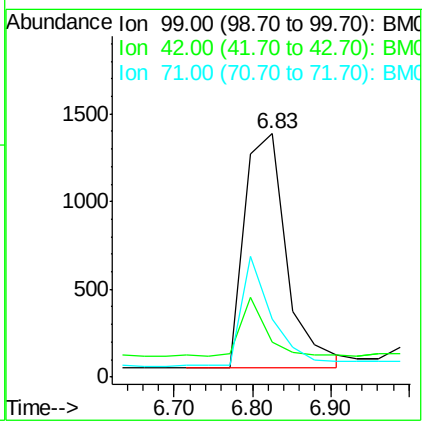


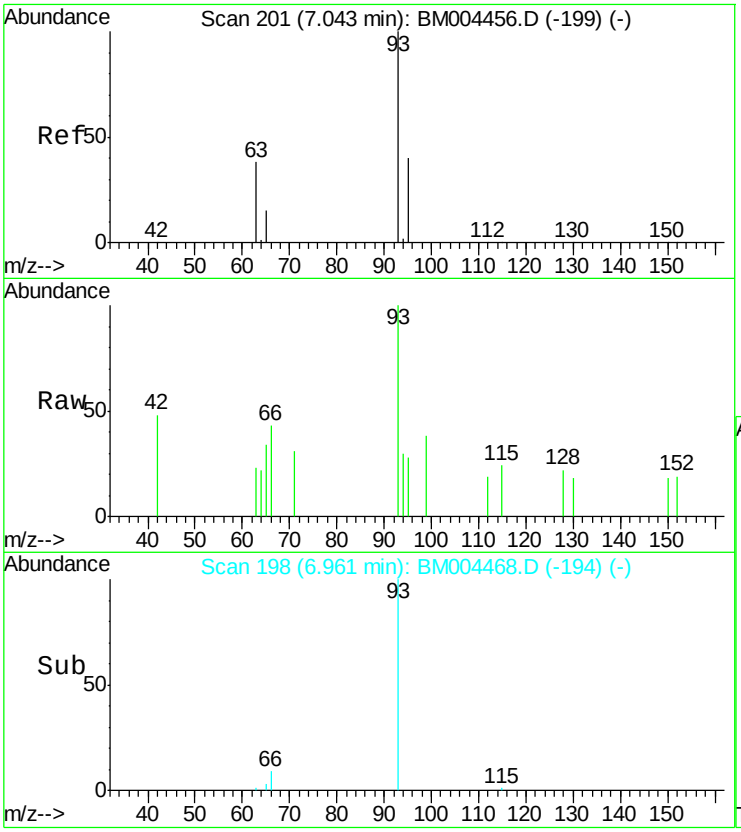


#5
Phenol-d6
Concen: 1.60 ng
RT: 6.83 min Scan# 193
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion: 99 Resp: 5042

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0



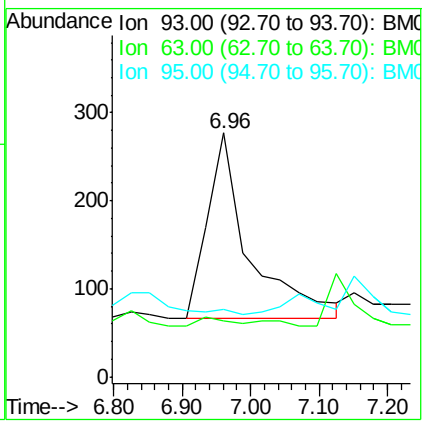


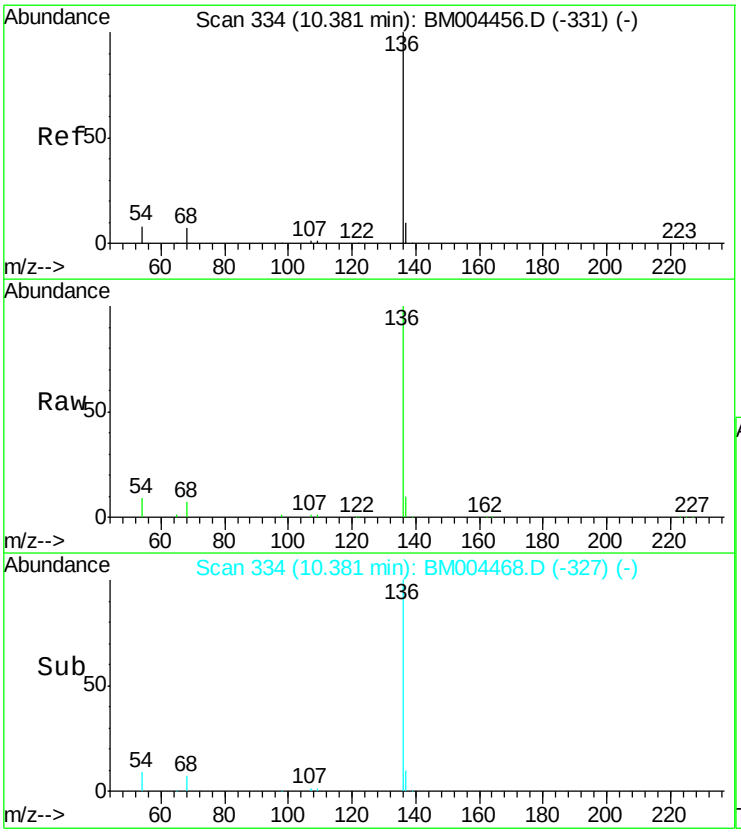
#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 6.96 min Scan# 198
Delta R.T. -0.08 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion: 93 Resp: 880

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	0.0	27.1	40.7#

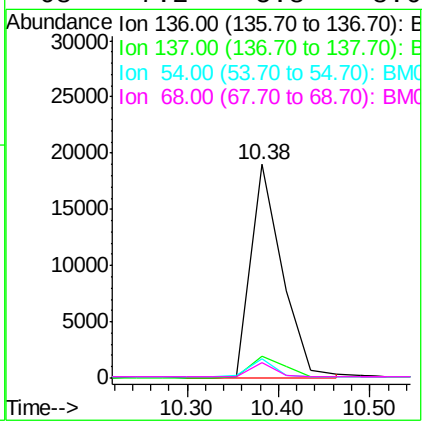


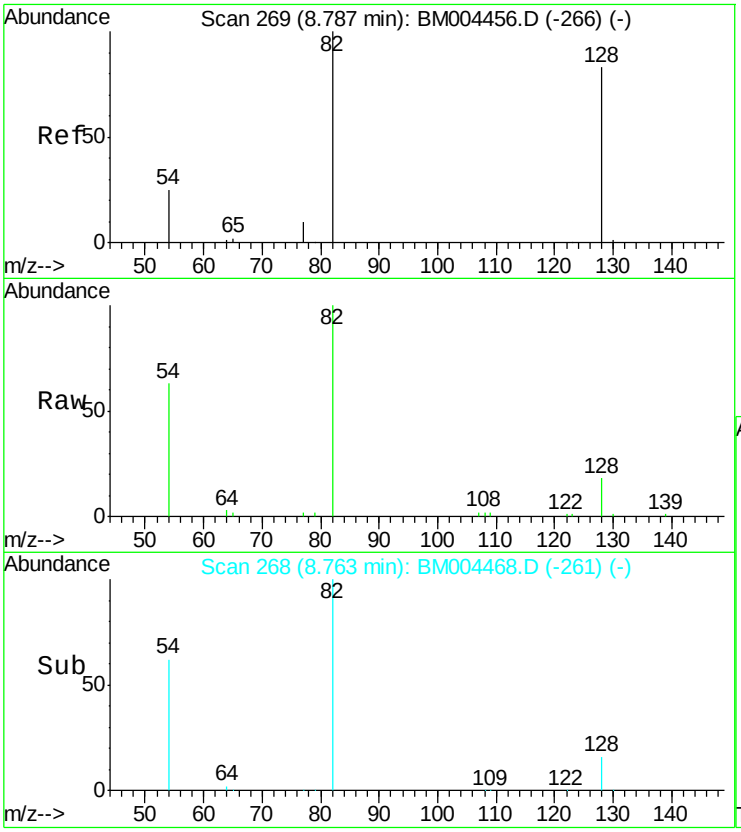


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:136 Resp: 45175

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.0	12.0
54	8.9	7.0	10.6
68	7.2	5.8	8.6



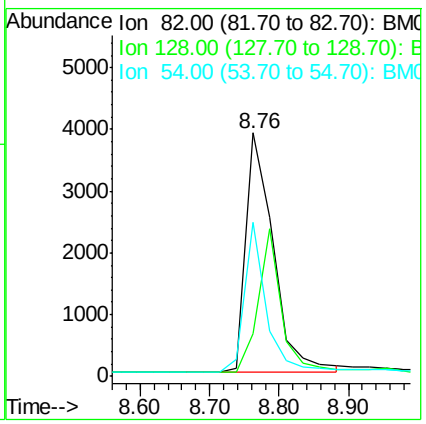


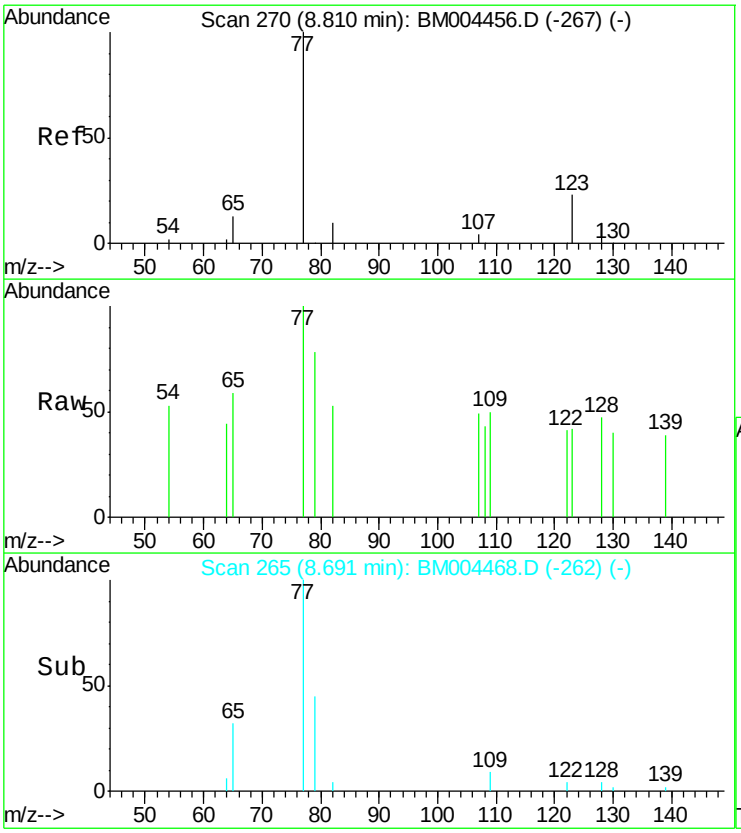
#8
Nitrobenzene-d5
Concen: 4.26 ng
RT: 8.76 min Scan# 268
Delta R.T. -0.02 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 10637

Ion	Ratio	Lower	Upper
82	100		
128	17.6	67.0	100.6#
54	63.1	25.2	37.8#

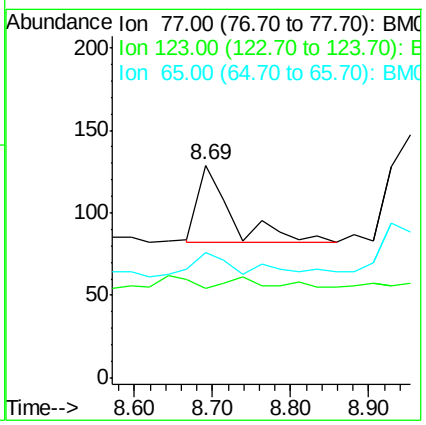


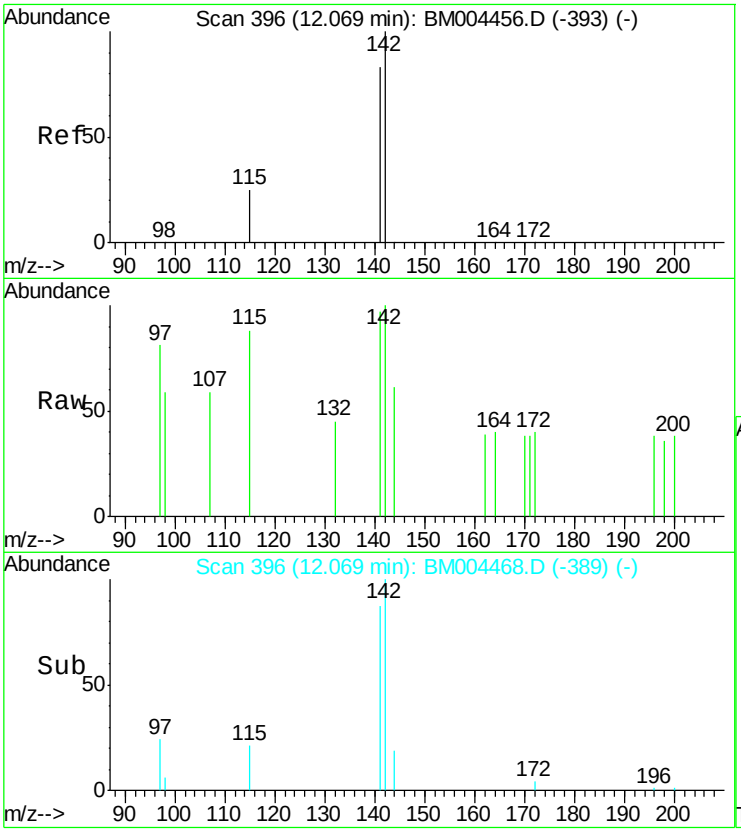


#9
Nitrobenzene
Concen: 0.05 ng
RT: 8.69 min Scan# 265
Delta R.T. -0.12 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion: 77 Resp: 142

Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	21.1	10.1	15.1#



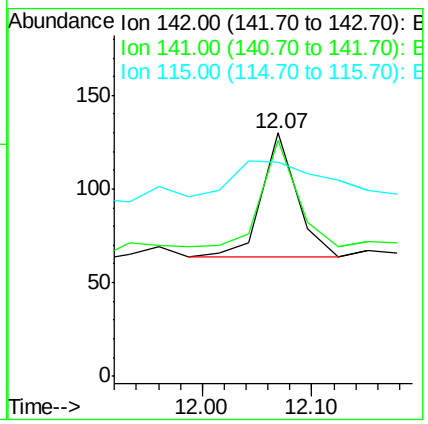


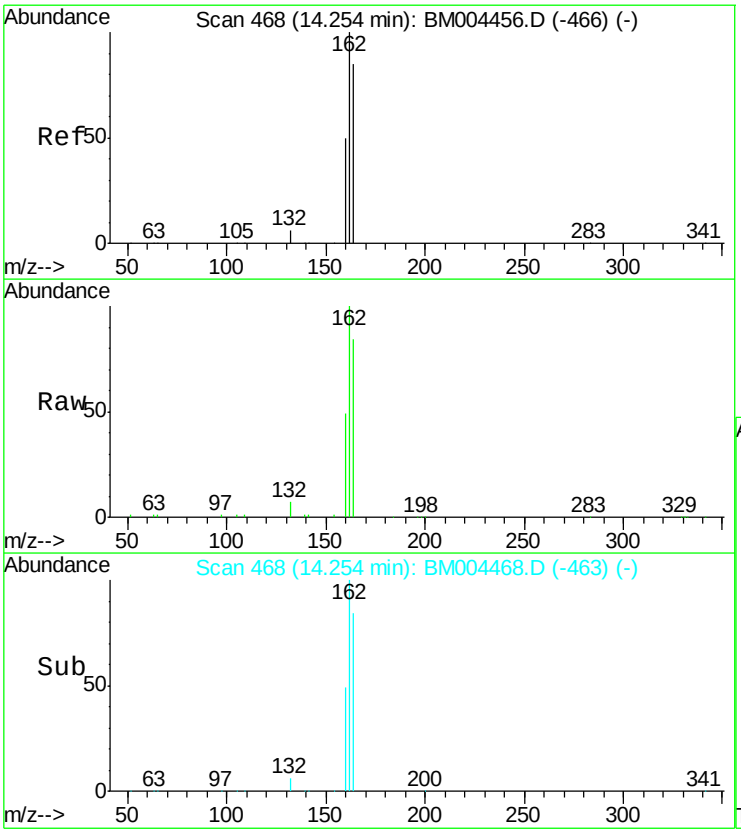
#11
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.07 min Scan# 396
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:142 Resp: 147

Ion	Ratio	Lower	Upper
142	100		
141	96.9	66.4	99.6
115	87.7	21.6	32.4#

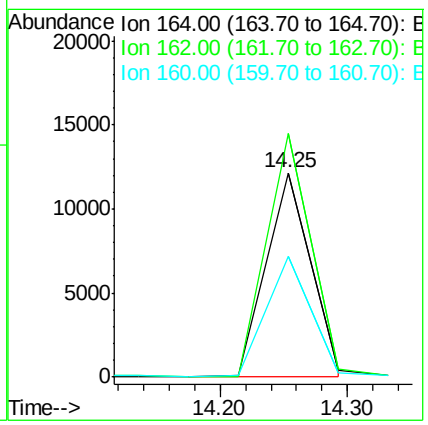


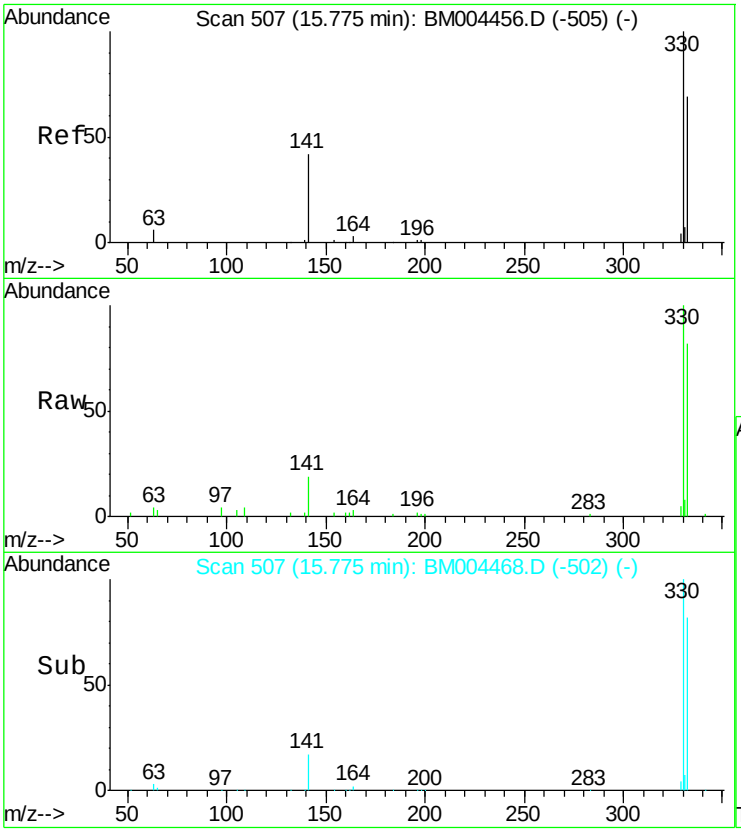


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:164 Resp: 29108

Ion	Ratio	Lower	Upper
164	100		
162	119.3	94.6	141.8
160	59.0	47.0	70.4



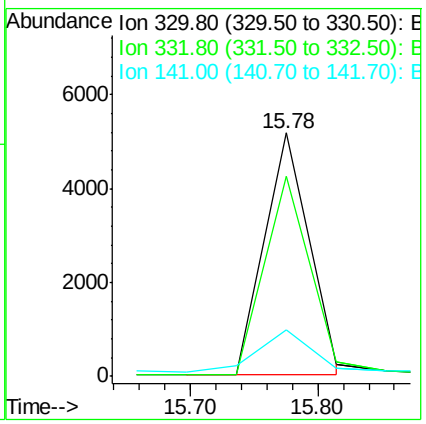


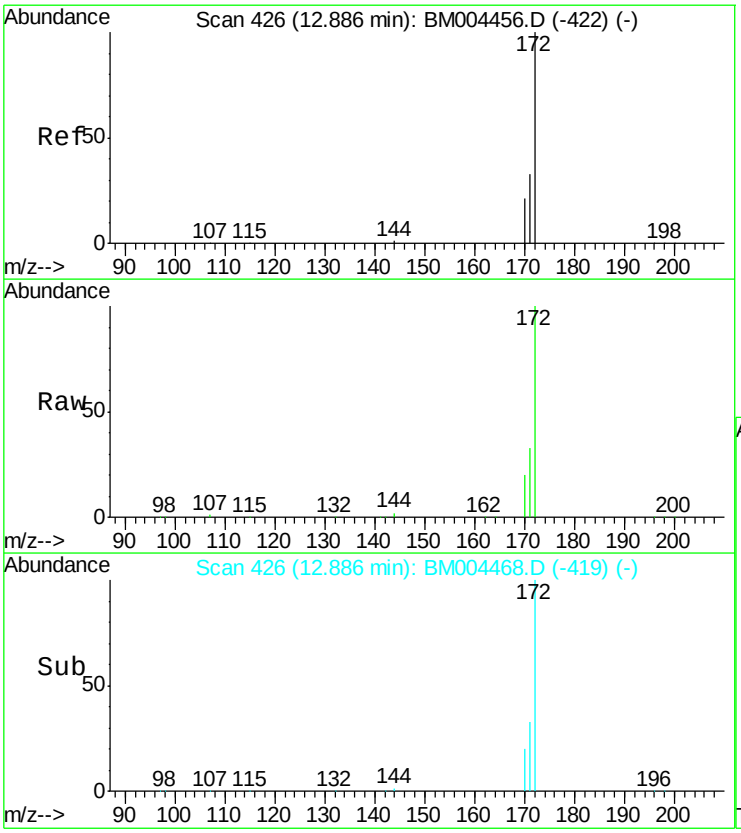
#13
2,4,6-Tribromophenol
Concen: 8.40 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:330 Resp: 12538

Ion	Ratio	Lower	Upper
330	100		
332	83.6	59.2	88.8
141	20.3	33.0	49.4#

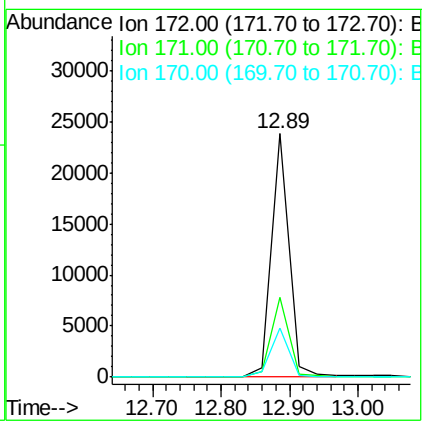


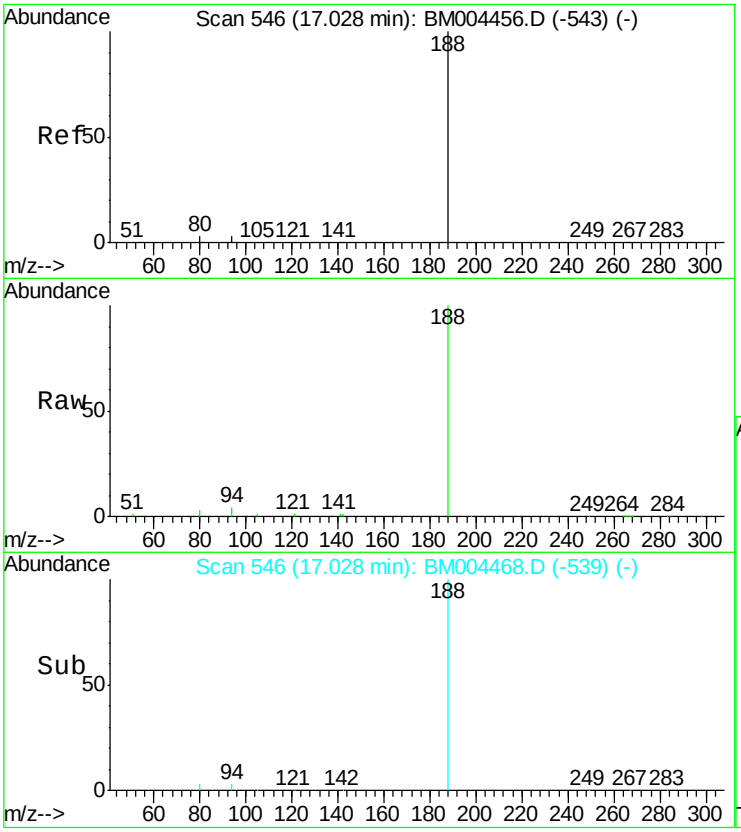


#14
2-Fluorobiphenyl
Concen: 4.80 ng
RT: 12.89 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:172 Resp: 42641

Ion	Ratio	Lower	Upper
172	100		
171	32.7	27.2	40.8
170	20.3	17.4	26.0



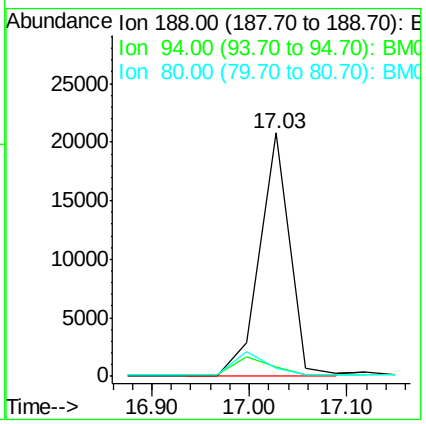


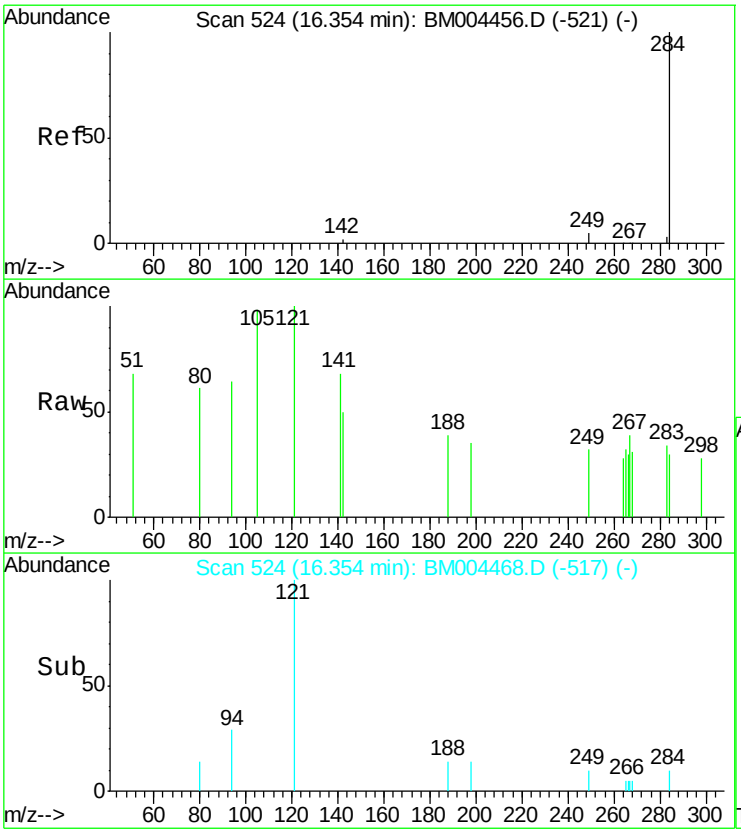
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 44746

Ion	Ratio	Lower	Upper
188	100		
94	3.9	2.7	4.1
80	3.2	2.2	3.4

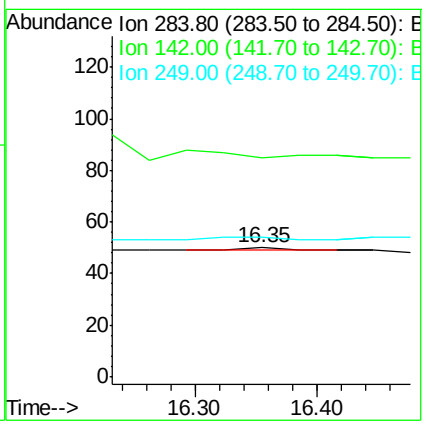


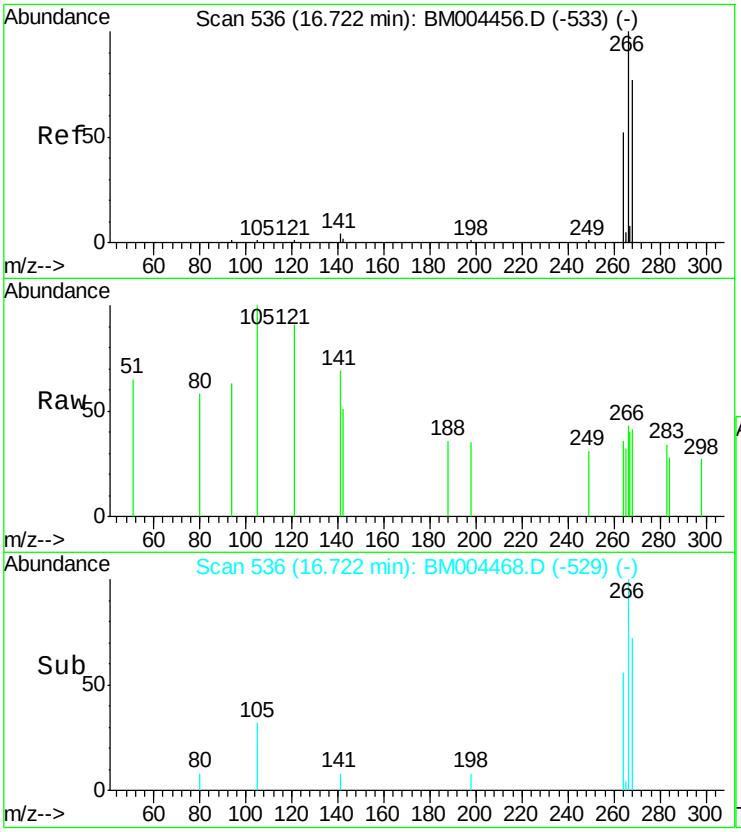


#16
Hexachlorobenzene
Concen: Below Cal
RT: 16.35 min Scan# 524
Delta R.T. 0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:284 Resp: 2

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



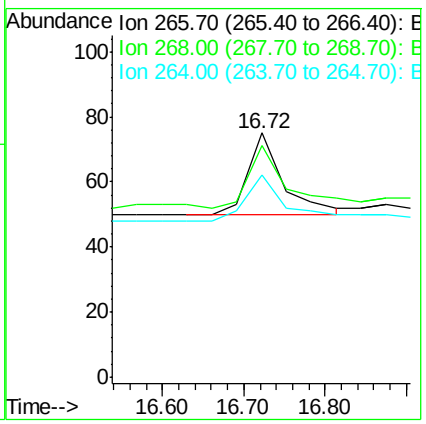


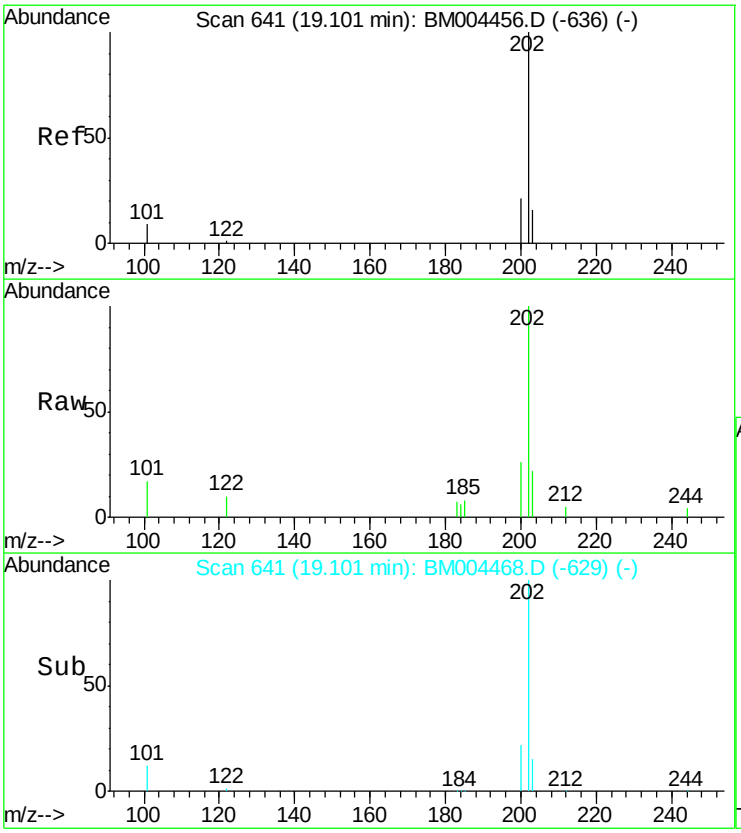
#17
Pentachlorophenol
Concen: 0.40 ng
RT: 16.72 min Scan# 536
Delta R.T. 0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:266 Resp: 75

Ion	Ratio	Lower	Upper
266	100		
268	94.7	66.8	100.2
264	82.7	49.4	74.0#

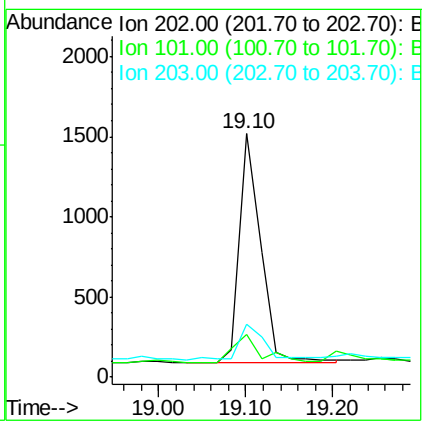


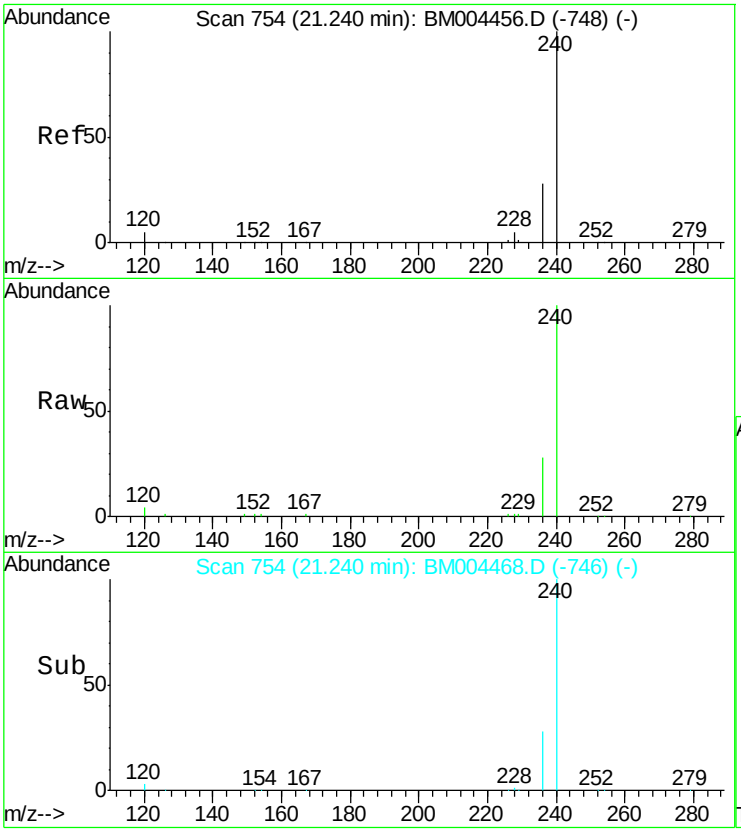


#18
Fluoranthene
Concen: 0.14 ng
RT: 19.10 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:202 Resp: 2406

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.4	14.0#
203	17.7	13.9	20.9



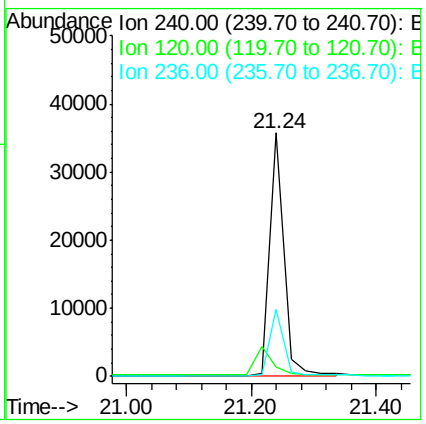


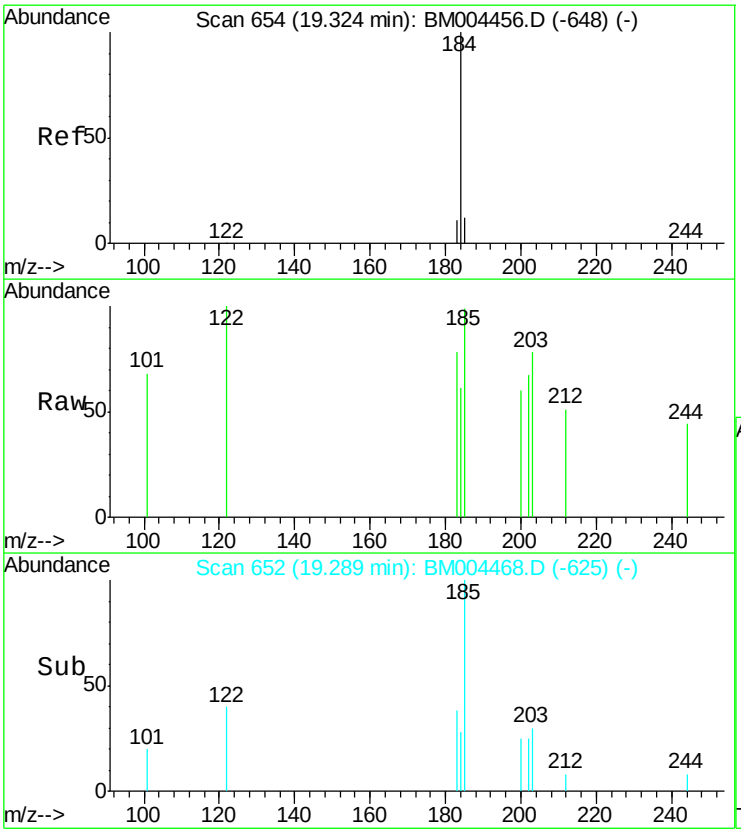
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:240 Resp: 57044

Ion	Ratio	Lower	Upper
240	100		
120	4.0	4.0	6.0
236	27.7	22.7	34.1

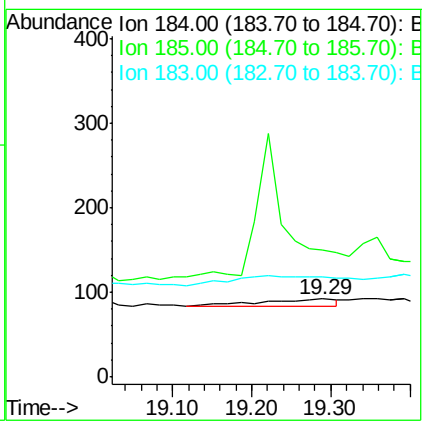


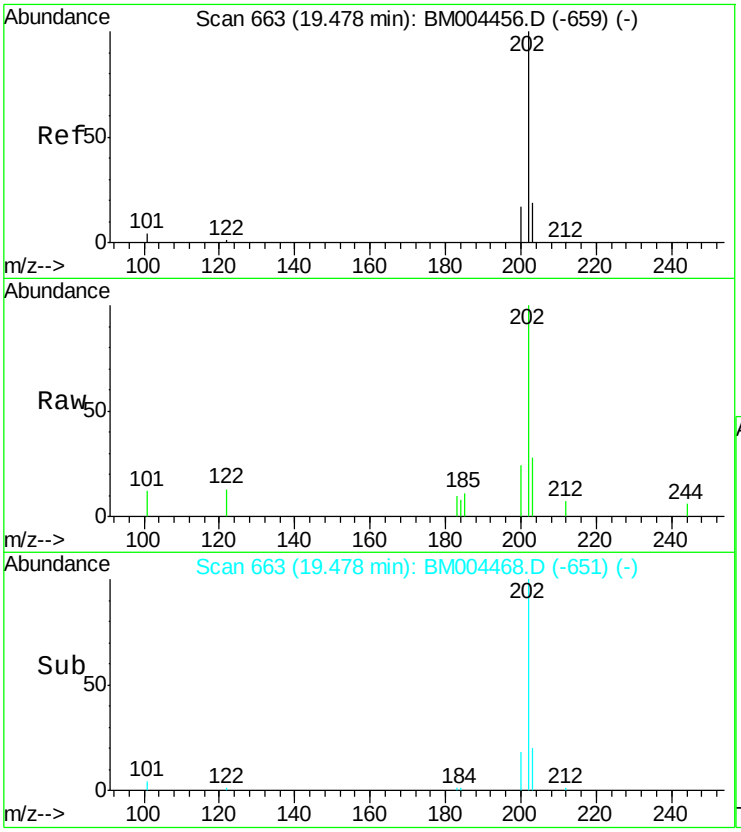


#20
Benzidine
Concen: 0.42 ng
RT: 19.29 min Scan# 652
Delta R.T. -0.03 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:184 Resp: 56

Ion	Ratio	Lower	Upper
184	100		
185	163.0	20.8	31.2#
183	128.3	18.5	27.7#



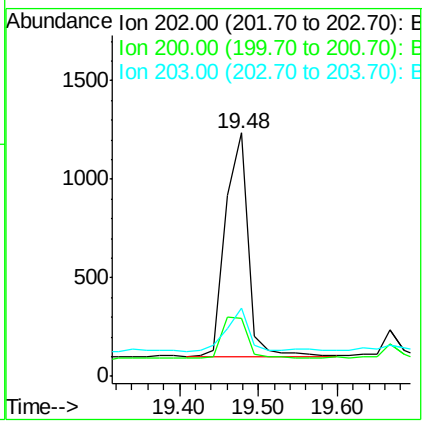


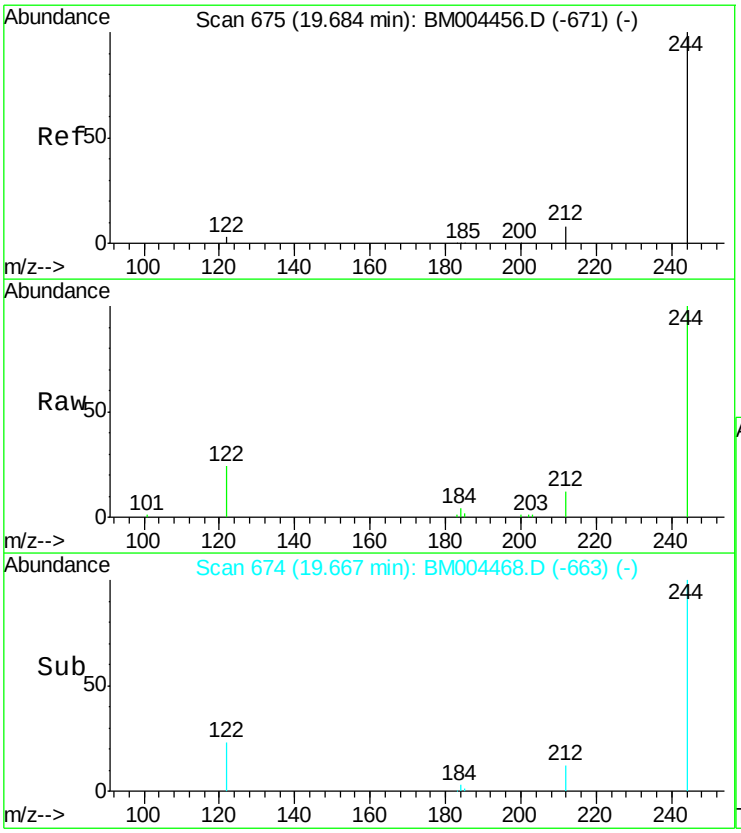
#21
Pyrene
Concen: 0.13 ng
RT: 19.48 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:202 Resp: 2247

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	19.1	13.9	20.9

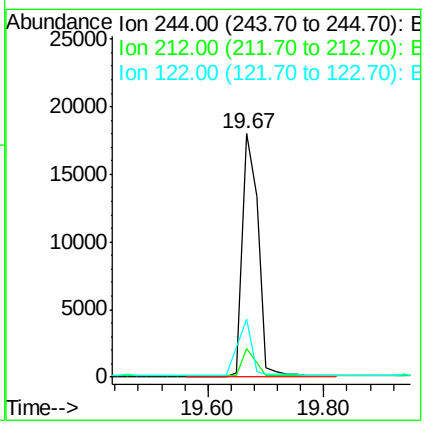


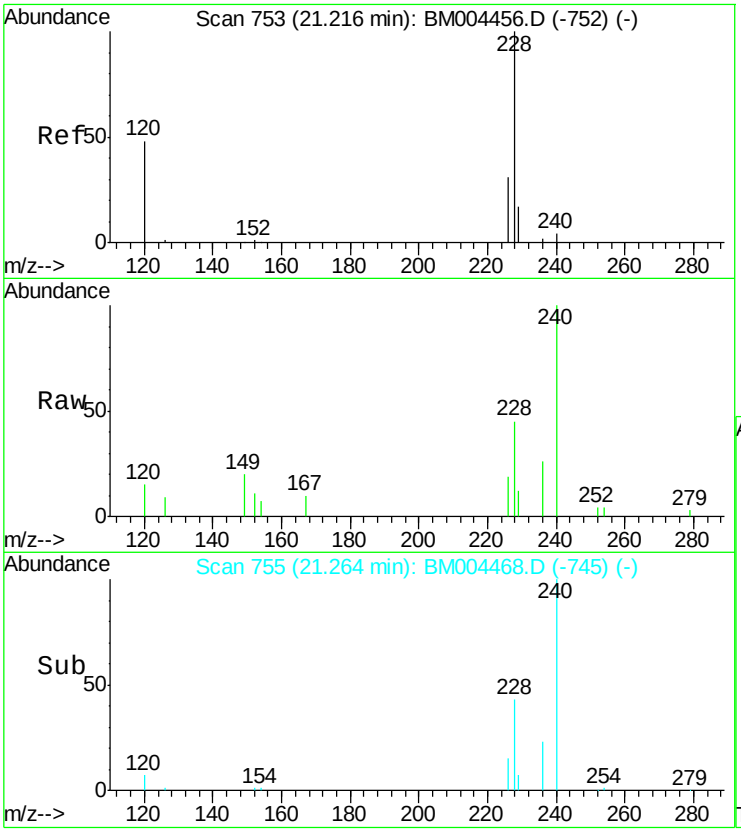


#22
Terphenyl-d14
Concen: 4.68 ng
RT: 19.67 min Scan# 674
Delta R.T. -0.02 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:244 Resp: 33964

Ion	Ratio	Lower	Upper
244	100		
212	12.0	7.4	11.2#
122	24.0	4.2	6.2#



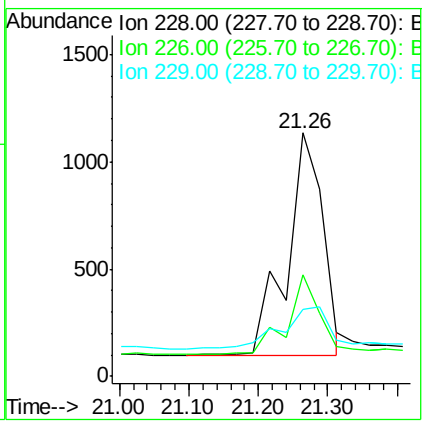


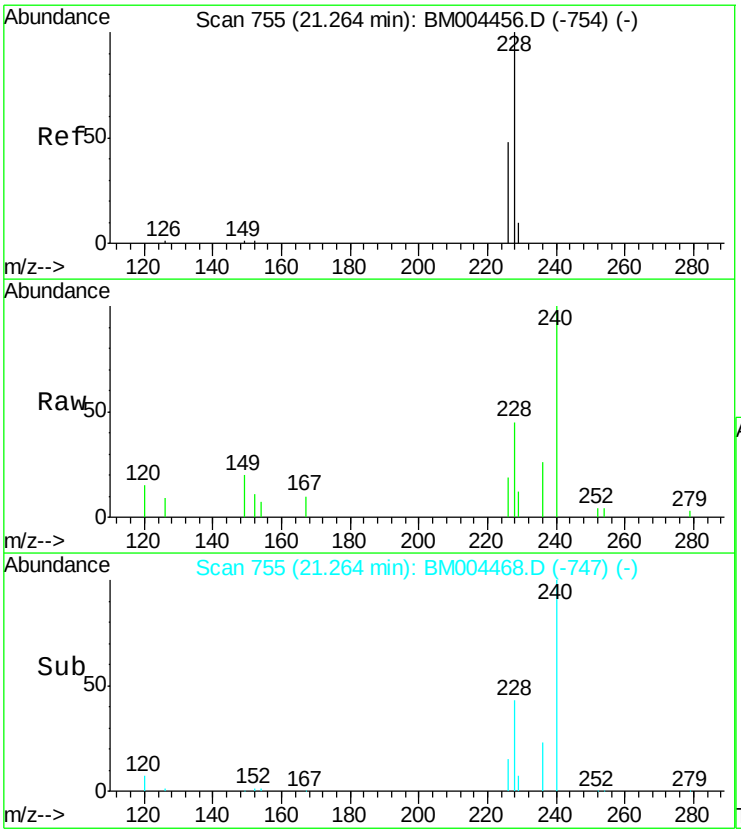
#23
Benzo(a)anthracene
Concen: 0.23 ng
RT: 21.26 min Scan# 755
Delta R.T. 0.05 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:228 Resp: 3688

Ion	Ratio	Lower	Upper
228	100		
226	41.6	25.1	37.7#
229	27.3	14.2	21.4#

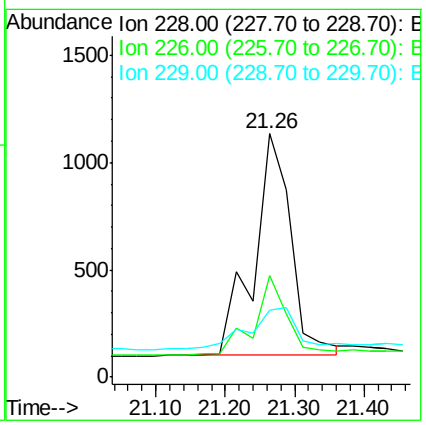


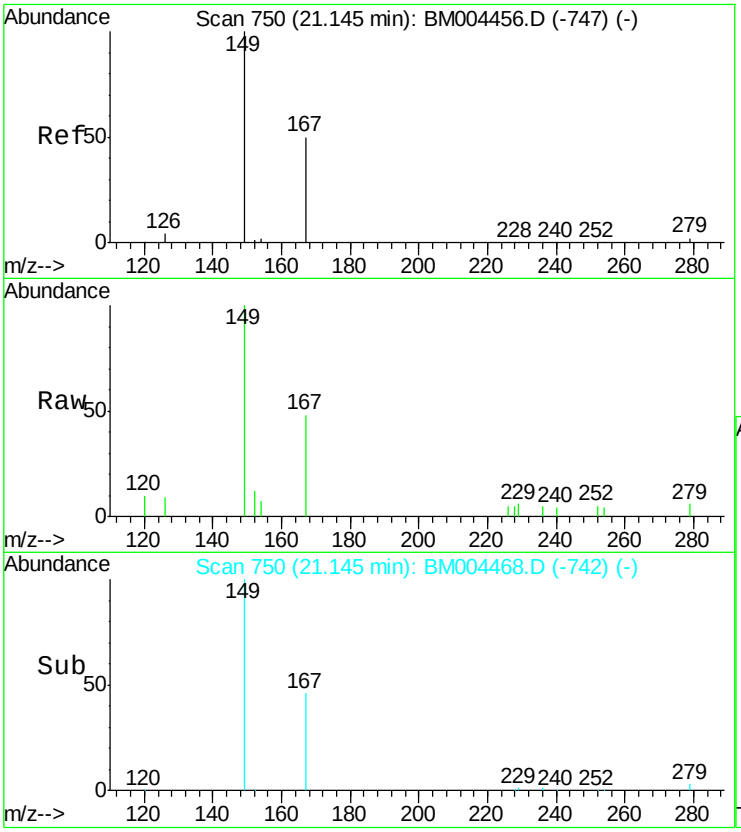


#25
Chrysene
Concen: Below Cal
RT: 21.26 min Scan# 755
Delta R.T. 0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:228 Resp: 3811

Ion	Ratio	Lower	Upper
228	100		
226	41.6	31.0	46.6
229	27.3	13.4	20.2#



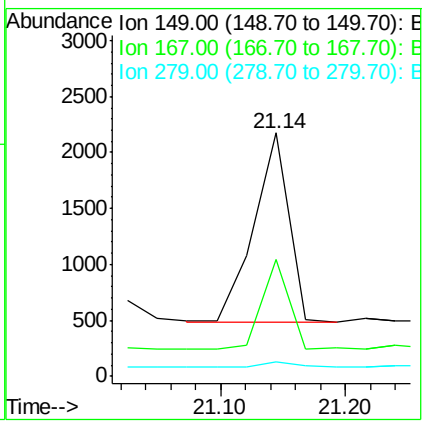


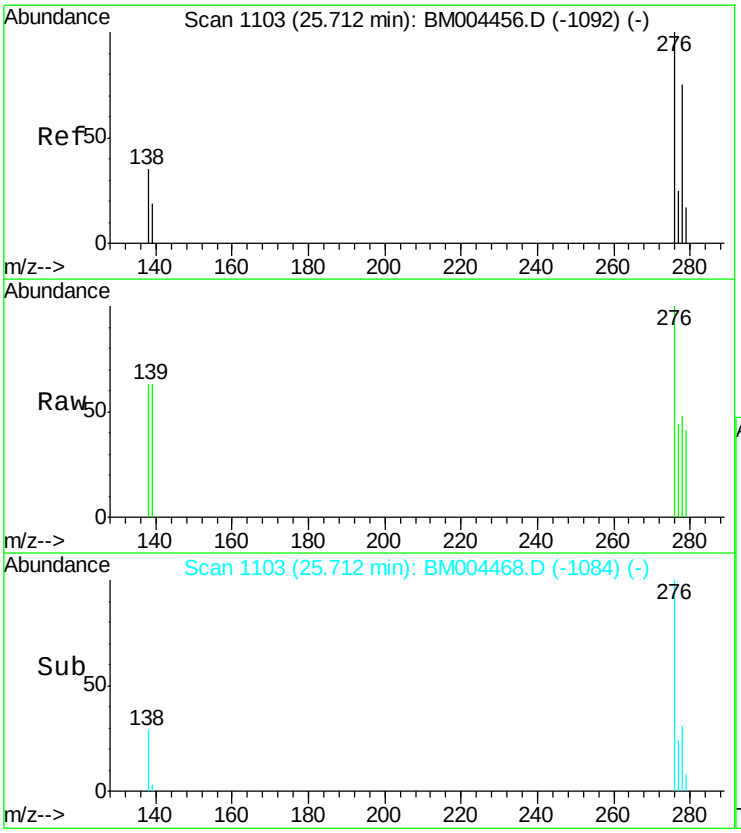
#26
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.14 min Scan# 750
Delta R.T. 0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:149 Resp: 3323

Ion	Ratio	Lower	Upper
149	100		
167	36.8	33.1	49.7
279	3.2	2.0	3.0#

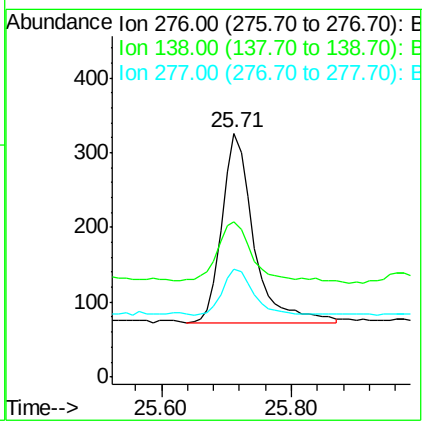


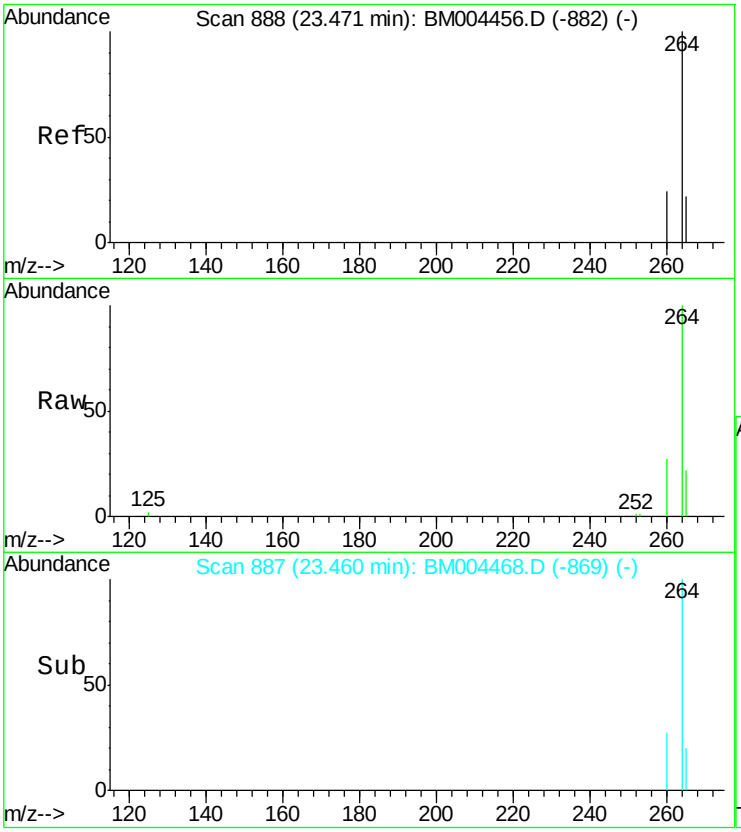


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.71 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:276 Resp: 871

Ion	Ratio	Lower	Upper
276	100		
138	32.3	30.0	45.0
277	23.5	19.8	29.8



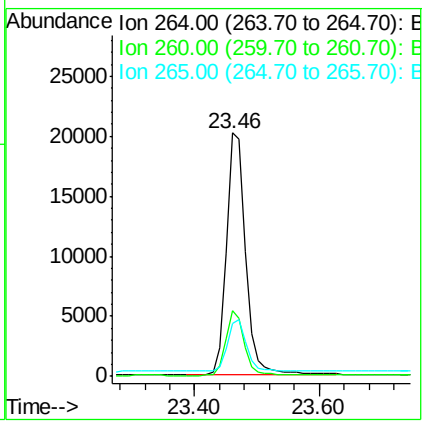


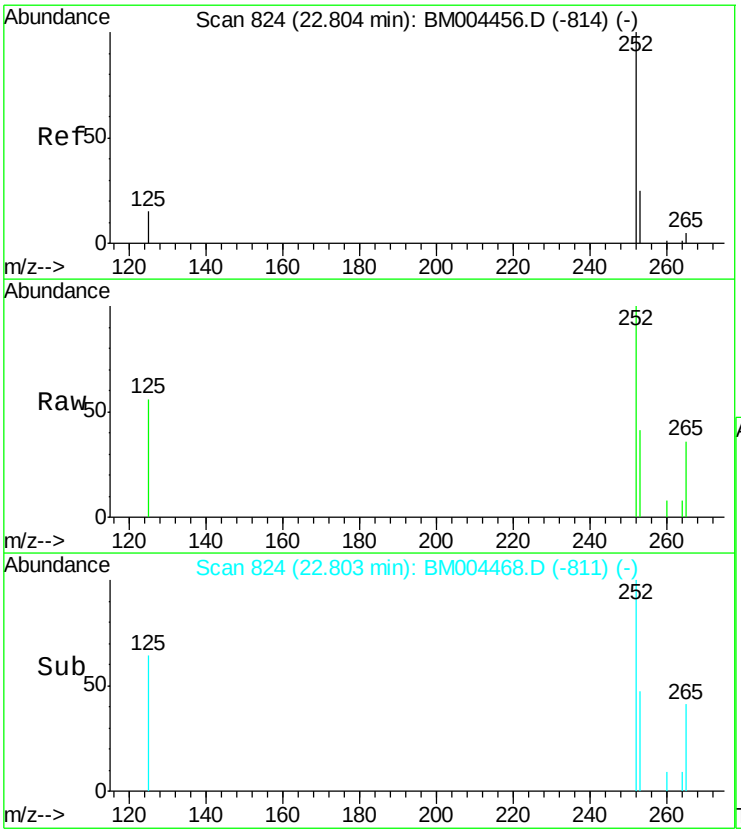
#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 44153

Ion	Ratio	Lower	Upper
264	100		
260	27.0	19.4	29.2
265	21.9	18.9	28.3

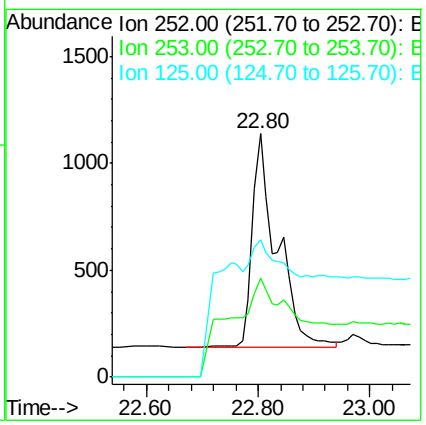


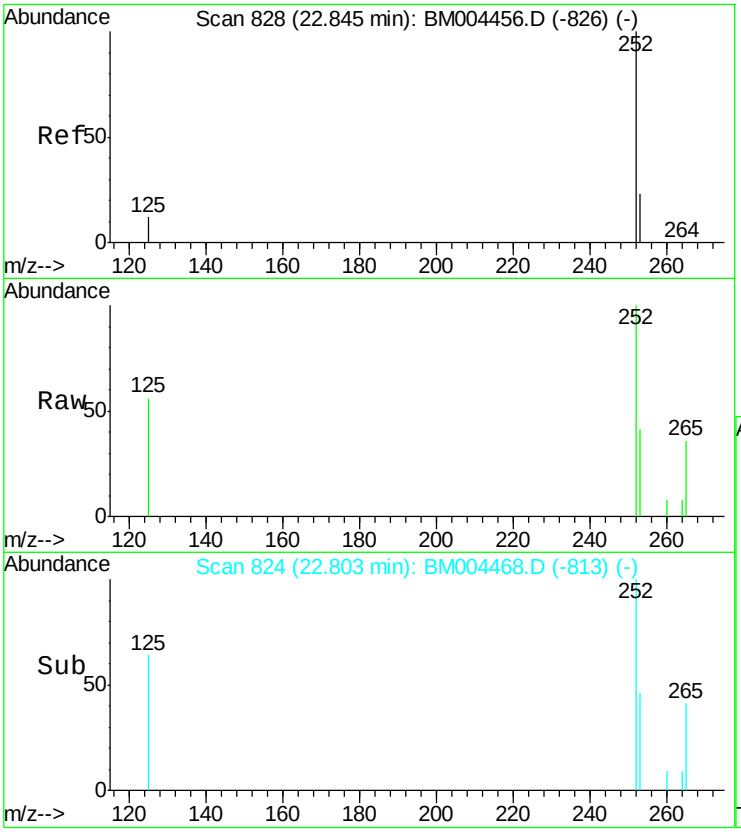


#29
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 22.80 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:252 Resp: 3451

Ion	Ratio	Lower	Upper
252	100		
253	40.6	19.8	29.6#
125	56.3	12.2	18.2#



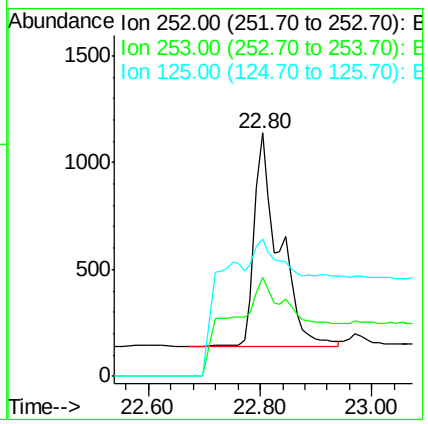


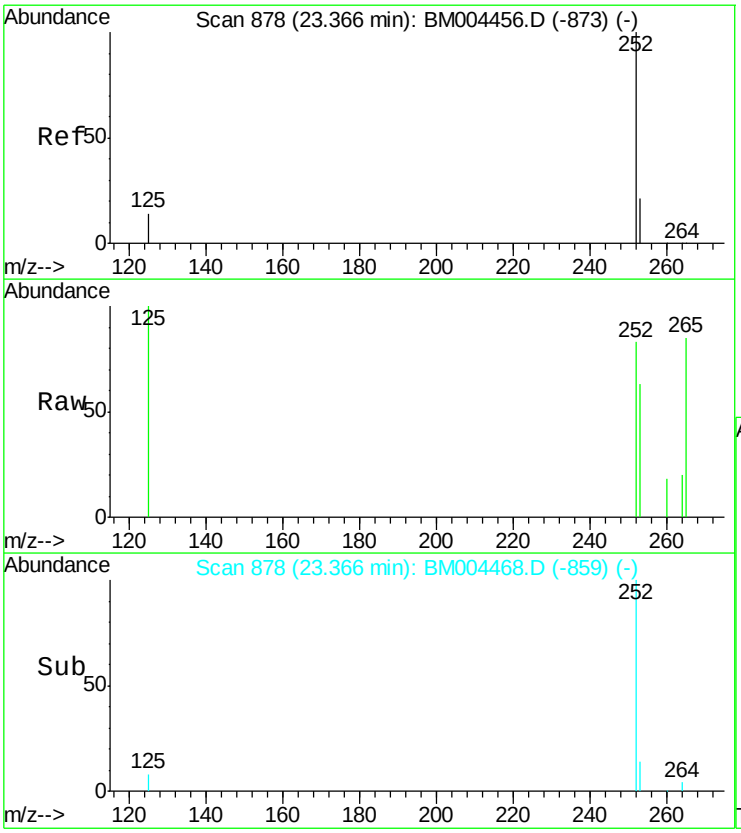
#30
Benzo(k)fluoranthene
Concen: 0.24 ng
RT: 22.80 min Scan# 824
Delta R.T. -0.04 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:252 Resp: 3451

Ion	Ratio	Lower	Upper
252	100		
253	40.6	19.3	28.9#
125	56.3	12.4	18.6#

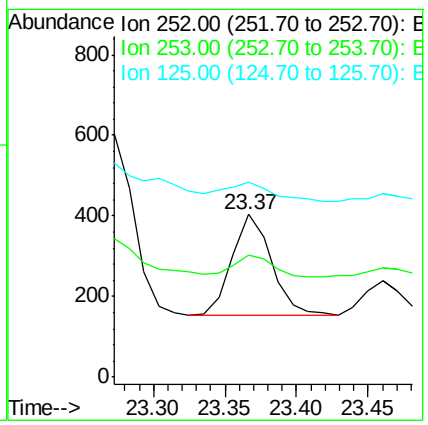


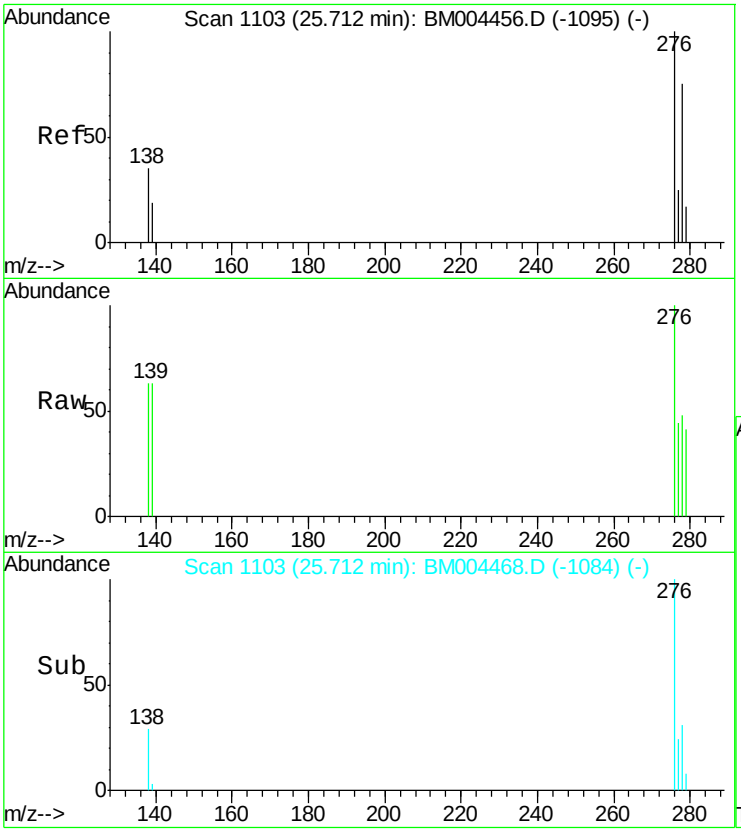


#31
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.37 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:252 Resp: 477

Ion	Ratio	Lower	Upper
252	100		
253	75.2	19.3	28.9#
125	119.9	14.4	21.6#



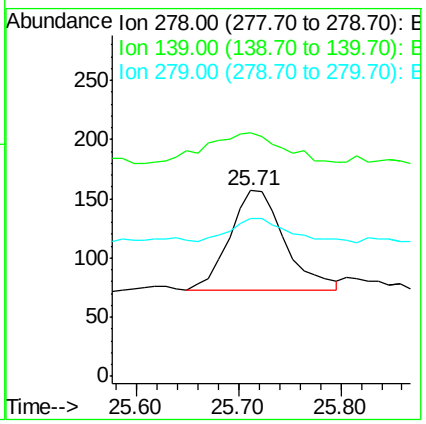


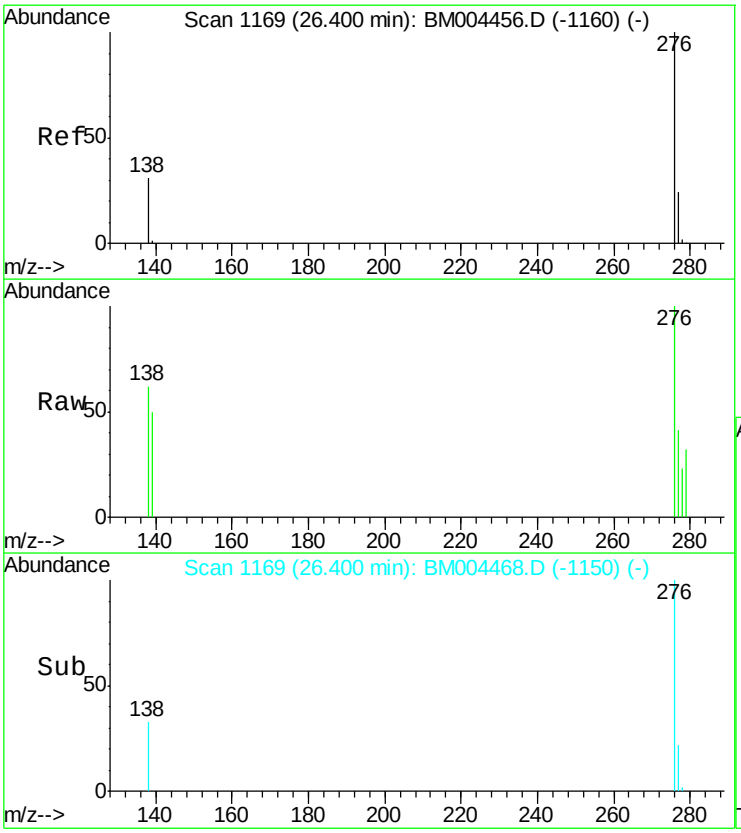
#32
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 25.71 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tgt Ion:278 Resp: 316

Ion	Ratio	Lower	Upper
278	100		
139	131.2	22.3	33.5#
279	84.7	20.7	31.1#





#33
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.40 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:276 Resp: 950

Ion	Ratio	Lower	Upper
276	100		
277	41.4	20.4	30.6#
138	61.7	26.4	39.6#