Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041715\
Data File : BM001024.D
Acq On : 16 Apr 2015 19:32
Operator : TP/IZ
Sample : SSTD0.429
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.429

Quant Time: Apr 20 08:48:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM041815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 05:07:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1373	5.00	ng		0.00
4) Naphthalene-d8	10.37	136	4895	5.00	ng		0.00
8) Acenaphthene-d10	14.24	164	3053	5.00	ng		0.00
13) Phenanthrene-d10	16.99	188	4792	5.00	ng		0.00
19) Chrysene-d12	21.20	240	3922	5.00	ng		0.00
25) Perylene-d12	23.36	264	3610	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	0.00	82	0	0.00	ng		
9) 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
21) Terphenyl-d14	0.00	244	0	0.00	ng		
Target Compounds							Qvalue
6) Naphthalene	10.42	128	5018	4.27	ng		97
7) 2-Methylnaphthalene	12.04	142	3206	4.15	ng		99
10) Acenaphthylene	13.96	152	4115	2.47	ng		99
11) Acenaphthene	14.30	154	3990	4.16	ng	#	75
12) Fluorene	15.29	166	3643	3.27	ng		100
15) Pentachlorophenol	16.65	266	123	1.43	ng	#	77
16) Phenanthrene	17.02	178	5526	4.30	ng		99
17) Anthracene	17.12	178	5094	4.56	ng		99
18) Fluoranthene	19.05	202	5904	4.67	ng		99
20) Pyrene	19.43	202	6166	4.73	ng		98
22) Benzo(a)anthracene	21.18	228	4644	3.76	ng		98
23) Chrysene	21.23	228	5644	5.09	ng		97
24) Indeno(1,2,3-cd)pyrene	25.53	276	6017	4.99	ng		99
26) Benzo(b)fluoranthene	22.71	252	5028	4.03	ng		95
27) Benzo(k)fluoranthene	22.75	252	5595	5.11	ng	#	94
28) Benzo(a)pyrene	23.26	252	4977	4.77	ng	#	92
29) Dibenzo(a,h)anthracene	25.54	278	4977	5.06	ng		95
30) Benzo(g,h,i)perylene	26.19	276	5366	5.35	ng		96

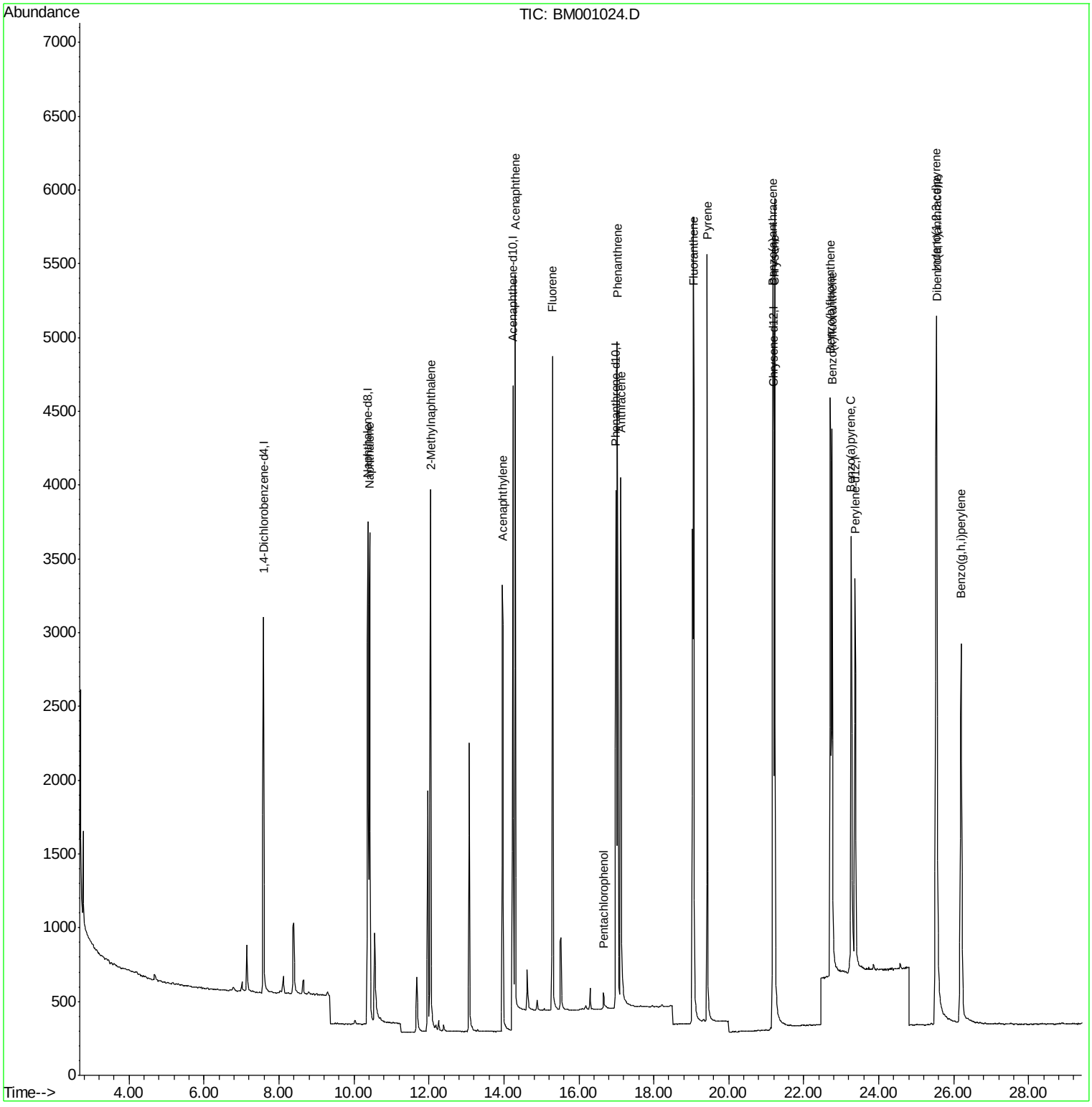
(#) = qualifier out of range (m) = manual integration (+) = signals summed

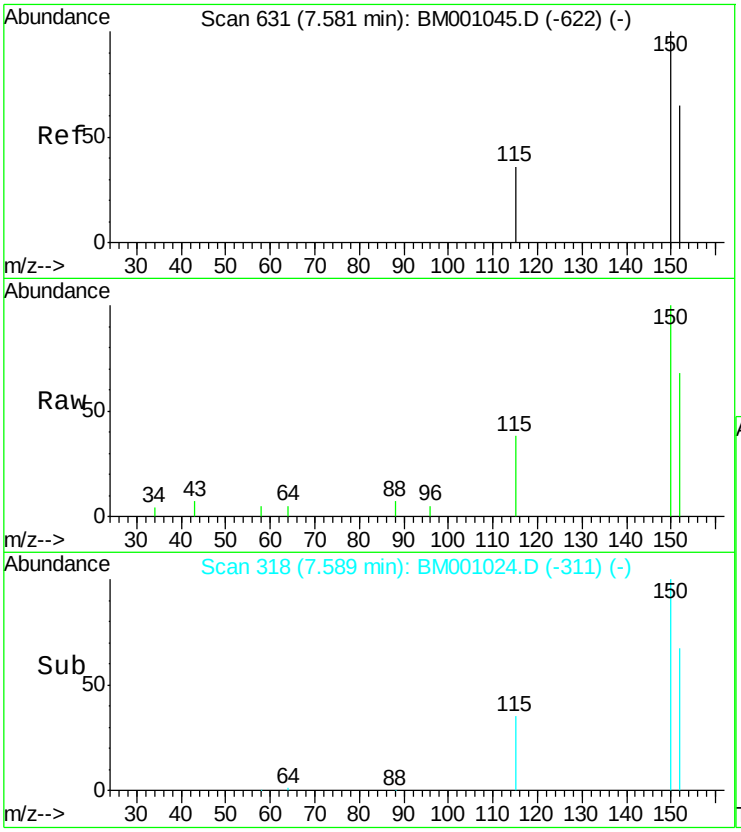
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041715\
Data File : BM001024.D
Acq On : 16 Apr 2015 19:32
Operator : TP/IZ
Sample : SSTD0.429
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Quant Time: Apr 20 08:48:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM041815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 05:07:15 2015
Response via : Initial Calibration



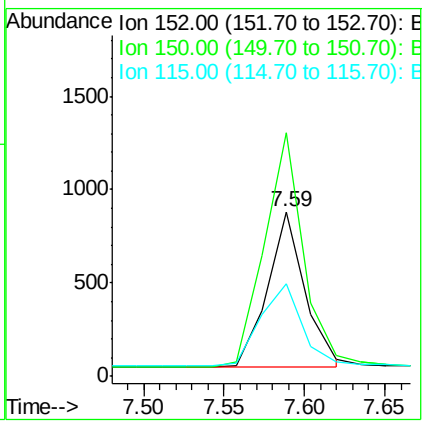


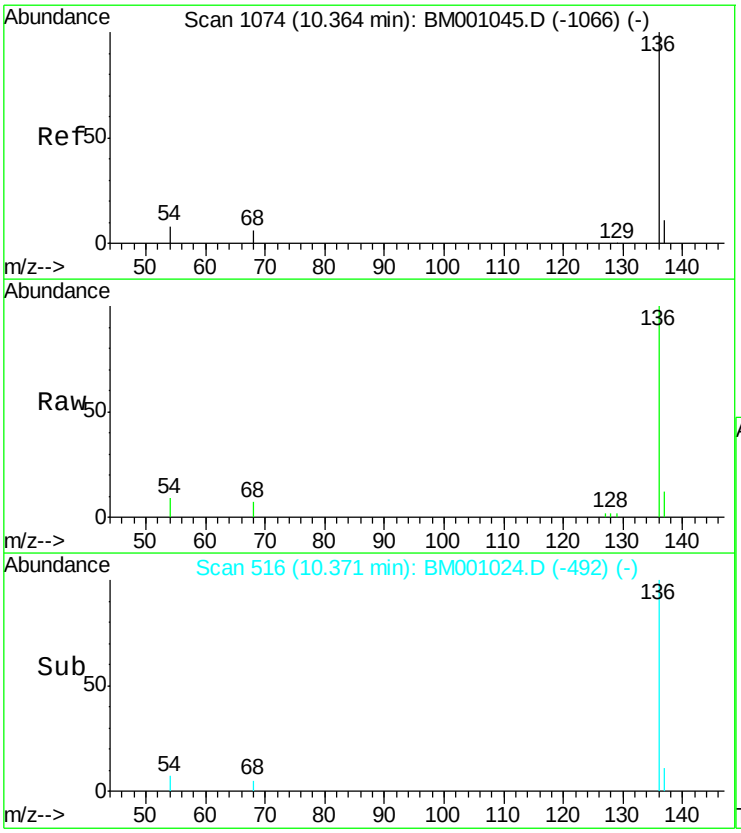
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.59 min Scan# 318
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:152 Resp: 1373

Ion	Ratio	Lower	Upper
152	100		
150	147.7	123.3	184.9
115	55.8	45.0	67.6

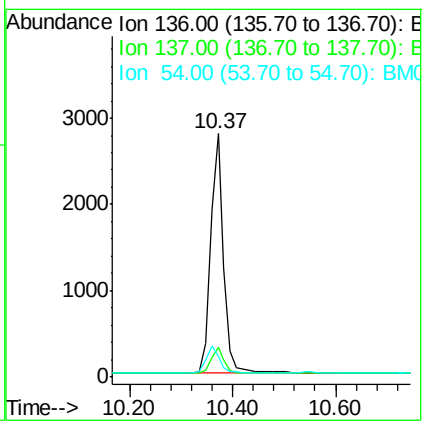


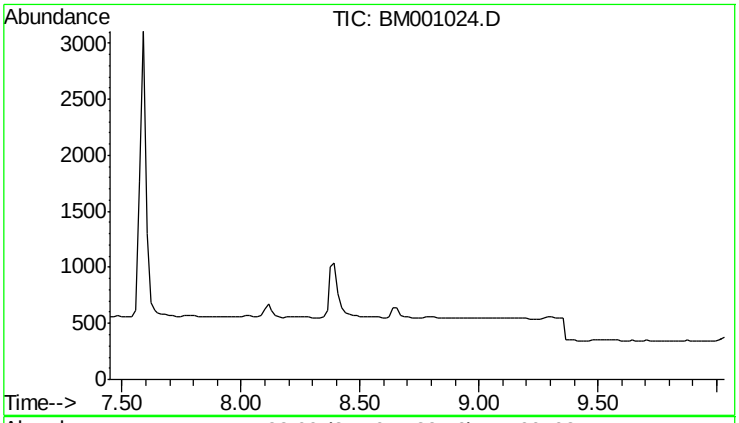


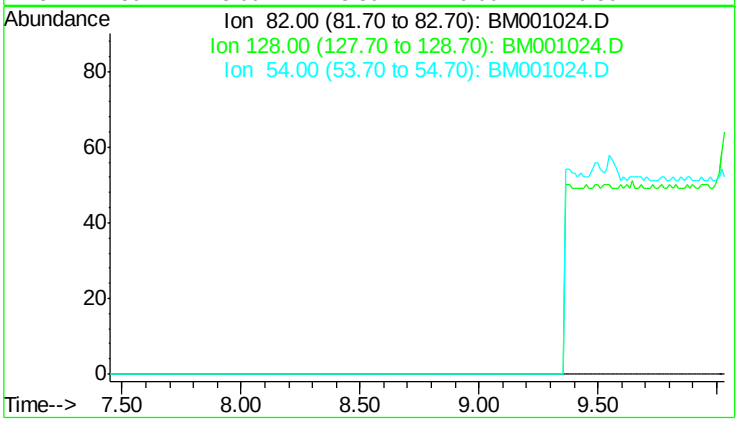
#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 516
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:136 Resp: 4895

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.6	13.0
54	8.7	6.5	9.7







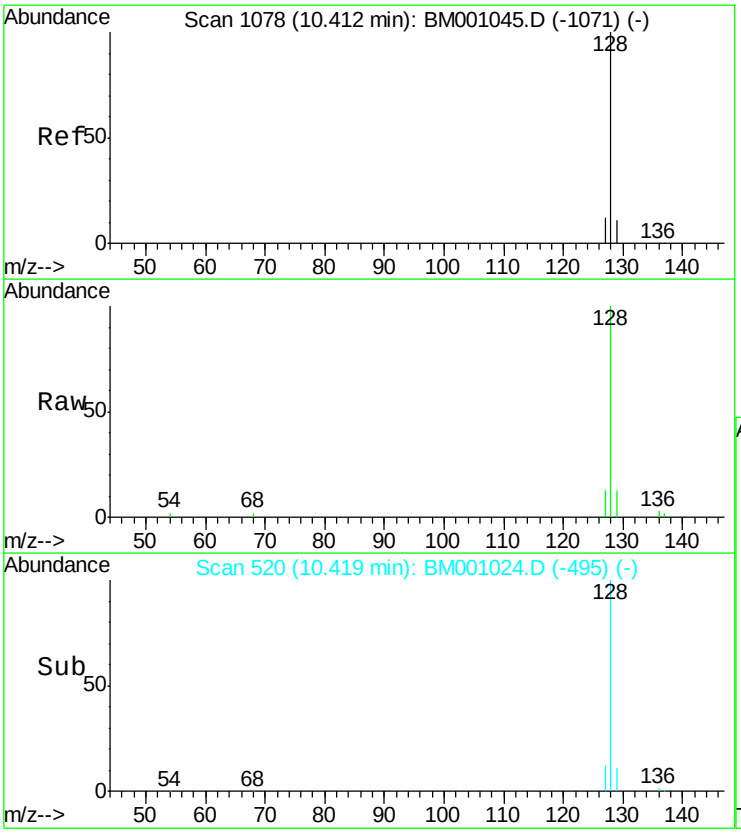
#5
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 8.74 min

Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	39.9
54	64.1

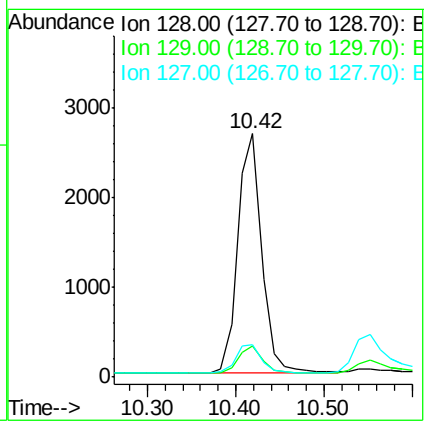
Instrument :
BNA_M
ClientSampleId :
SSTD0.429

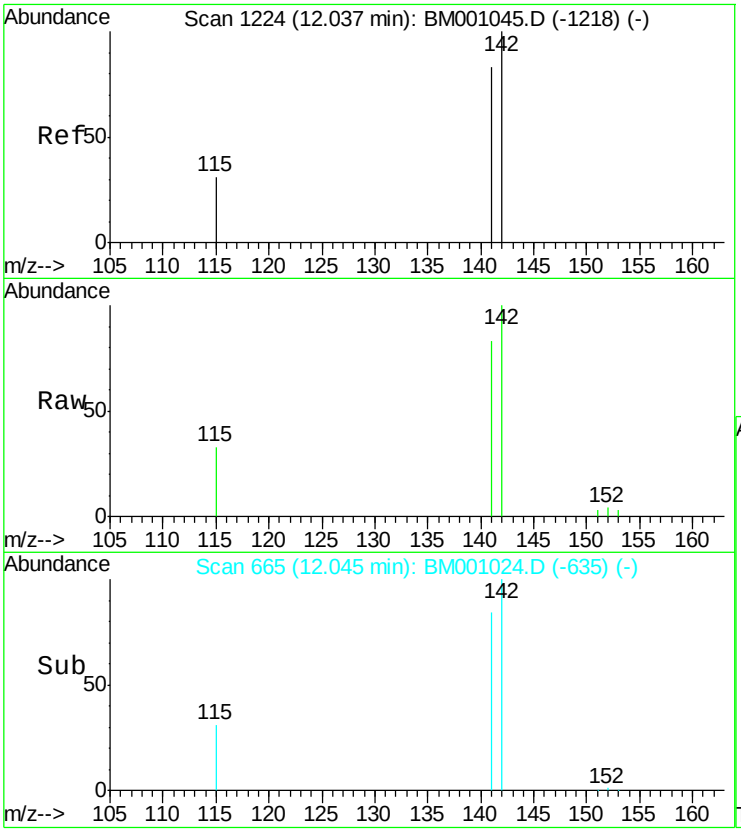


#6
Naphthalene
Concen: 4.27 ng
RT: 10.42 min Scan# 520
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:128 Resp: 5018

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.3	13.9
127	13.4	10.0	15.0



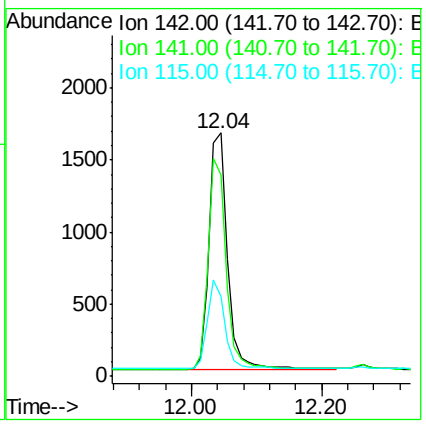


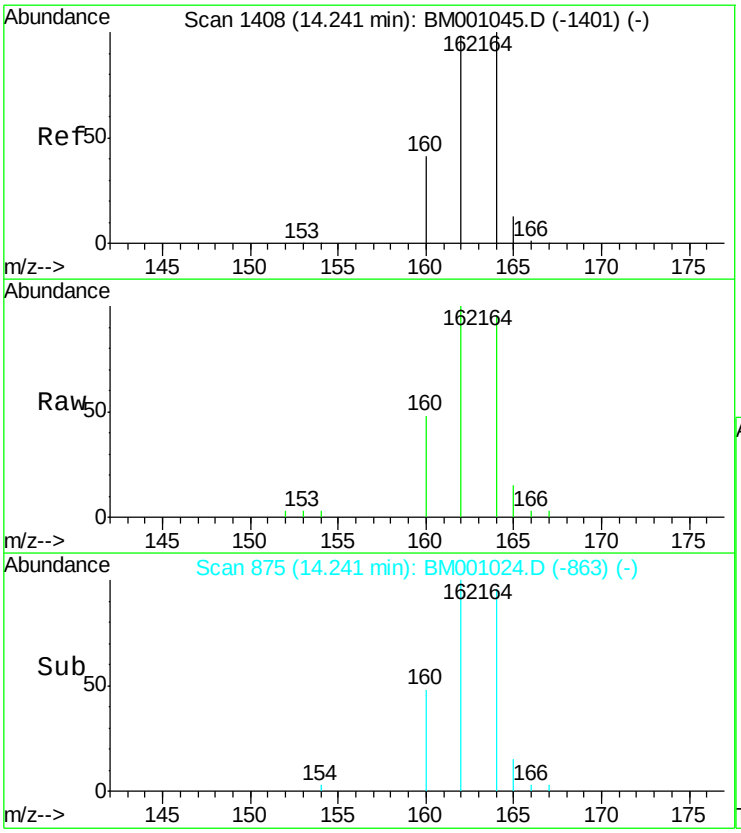
#7
2-Methylnaphthalene
Concen: 4.15 ng
RT: 12.04 min Scan# 665
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:142 Resp: 3206

Ion	Ratio	Lower	Upper
142	100		
141	82.9	66.7	100.1
115	32.6	25.5	38.3

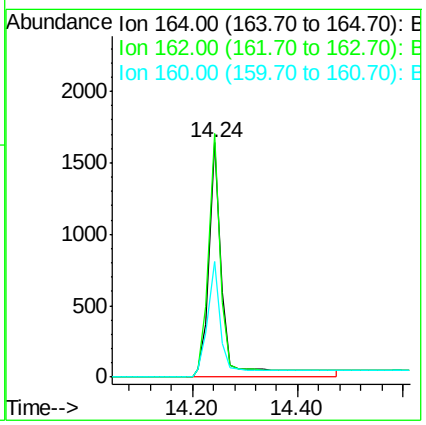


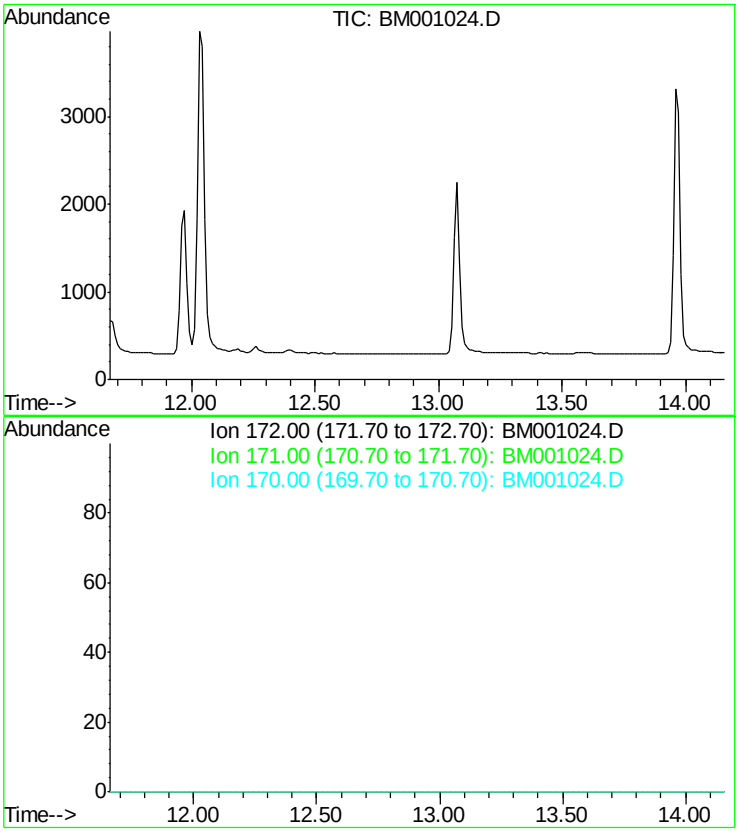


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 875
Delta R.T. -0.00 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:164 Resp: 3053

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.5	117.7
160	49.4	32.9	49.3#





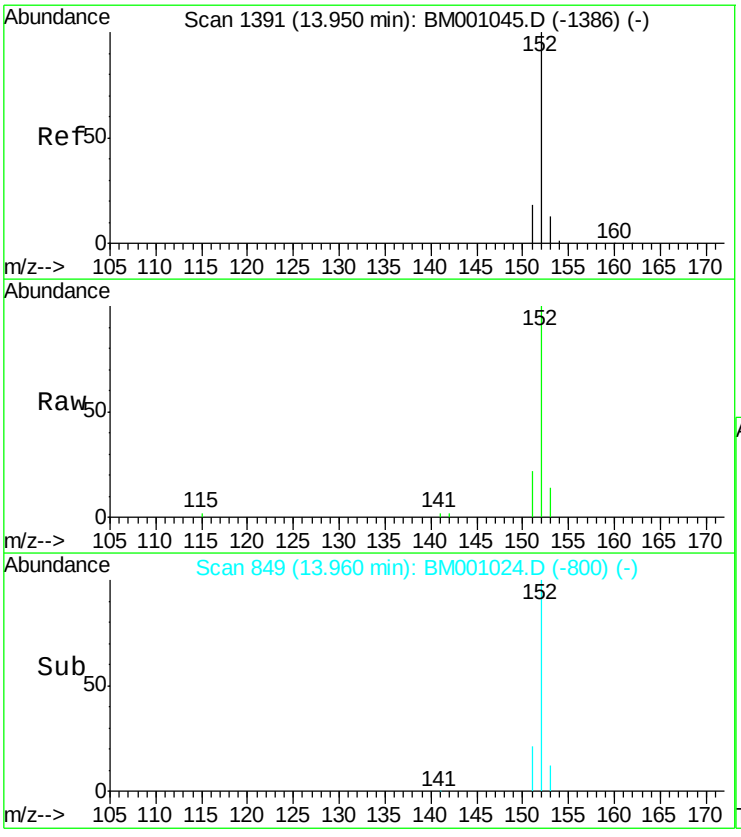
#9
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 12.86 min

Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	32.0
170	19.7

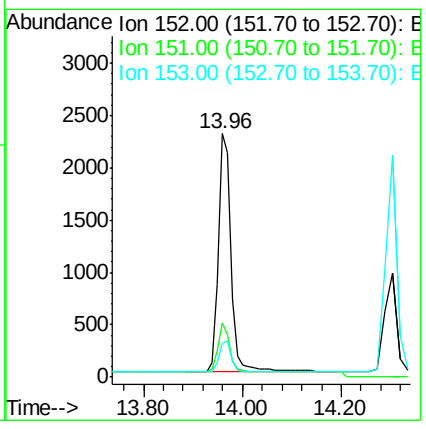
Instrument :
BNA_M
ClientSampleId :
SSTD0.429

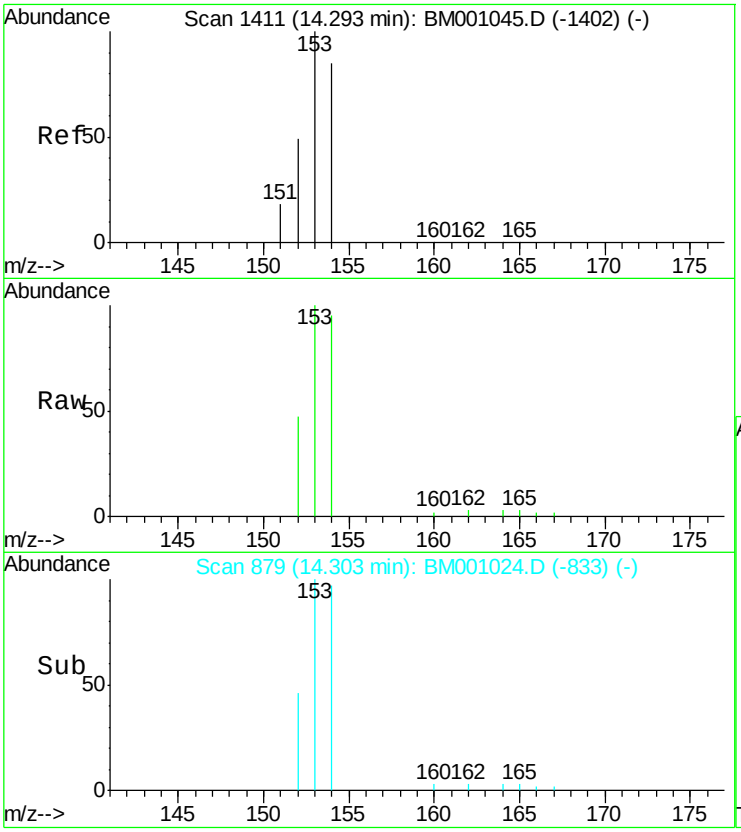


#10
Acenaphthylene
Concen: 2.47 ng
RT: 13.96 min Scan# 849
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:152 Resp: 4115

Ion	Ratio	Lower	Upper
152	100		
151	18.7	14.7	22.1
153	12.9	10.2	15.2



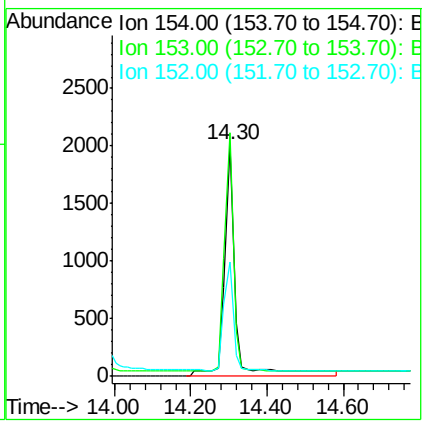


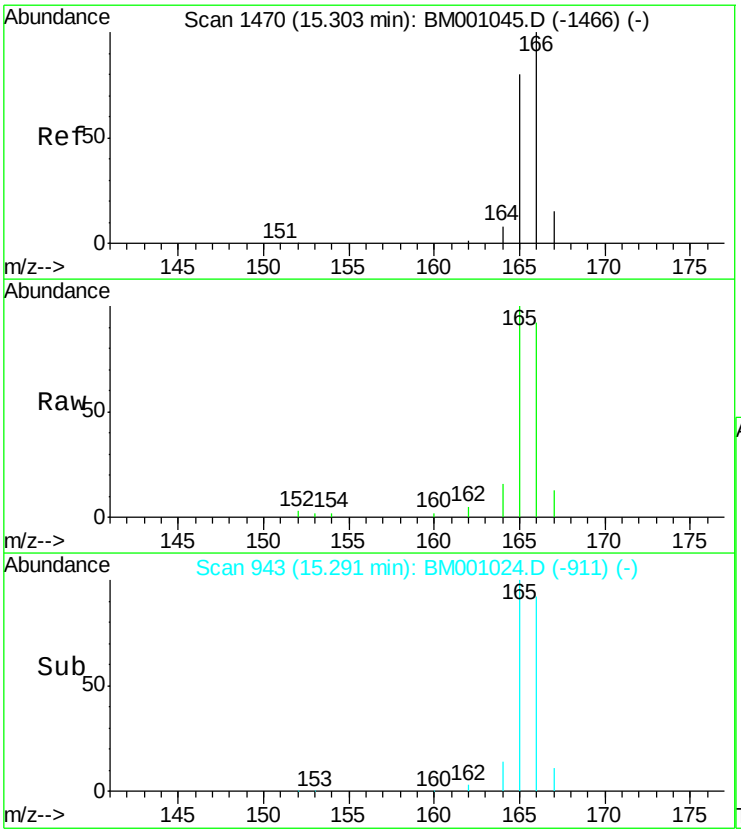
#11
Acenaphthene
Concen: 4.16 ng
RT: 14.30 min Scan# 879
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:154 Resp: 3990

Ion	Ratio	Lower	Upper
154	100		
153	80.8	88.1	132.1#
152	40.0	42.3	63.5#

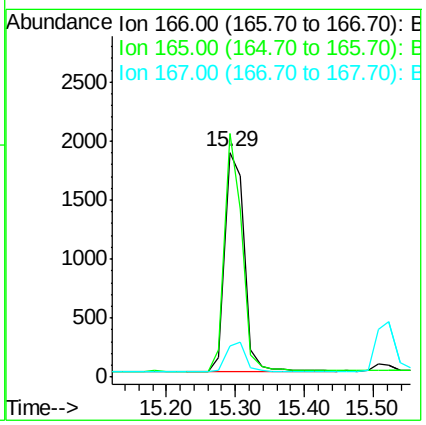


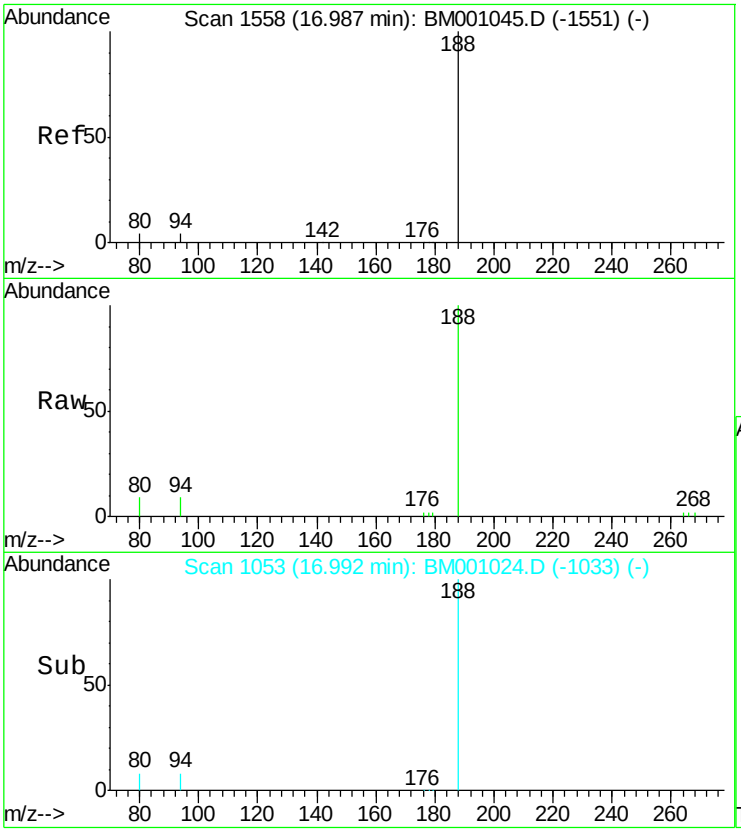


#12
Fluorene
Concen: 3.27 ng
RT: 15.29 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:166 Resp: 3643

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.6	116.4
167	13.2	10.6	16.0



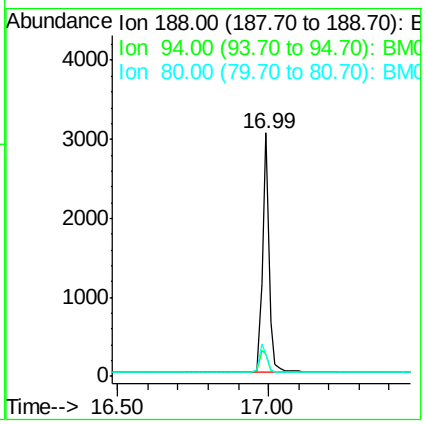


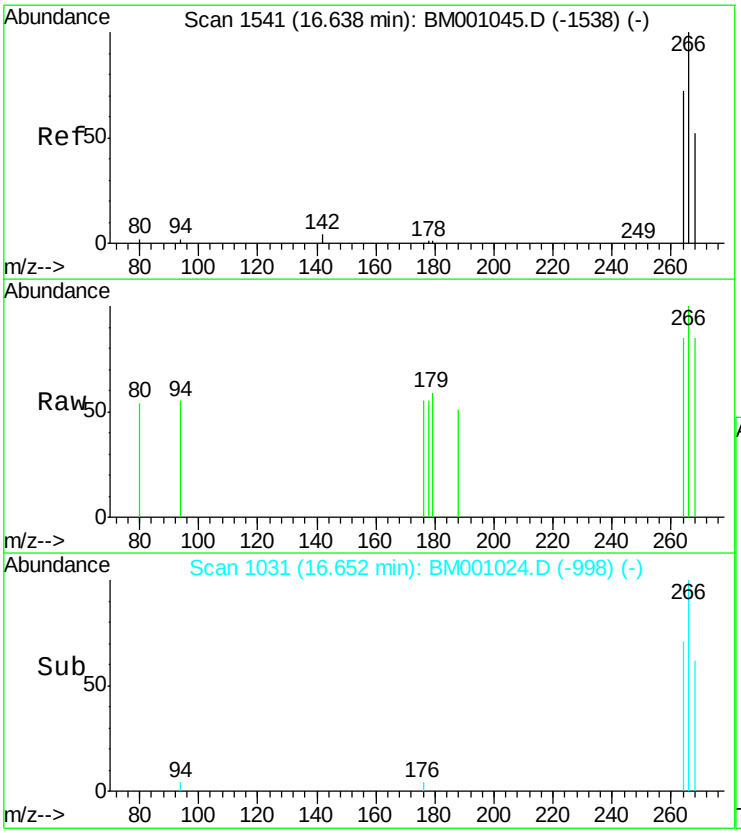
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.99 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:188 Resp: 4792

Ion	Ratio	Lower	Upper
188	100		
94	9.3	3.6	5.4#
80	9.1	3.0	4.6#

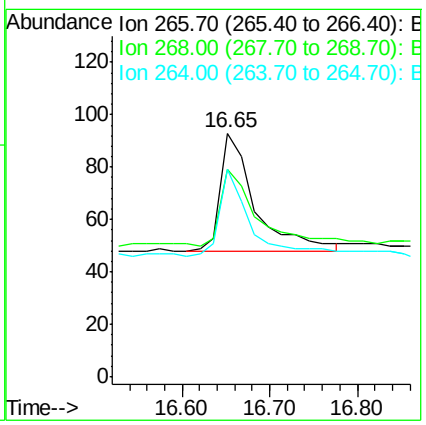


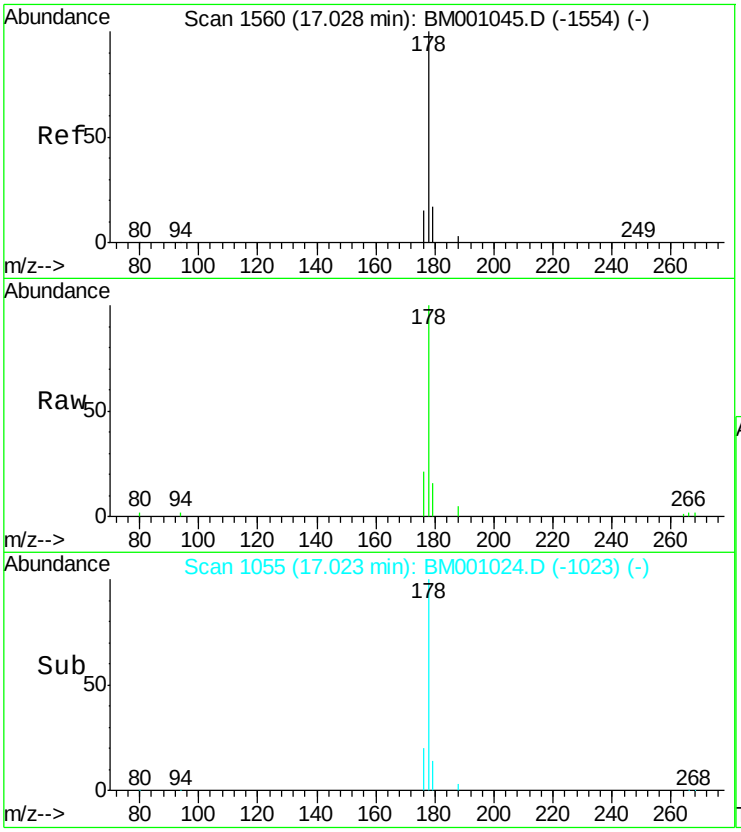


#15
Pentachlorophenol
Concen: 1.43 ng
RT: 16.65 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:266 Resp: 123

Ion	Ratio	Lower	Upper
266	100		
268	84.9	46.3	69.5#
264	84.9	59.8	89.6



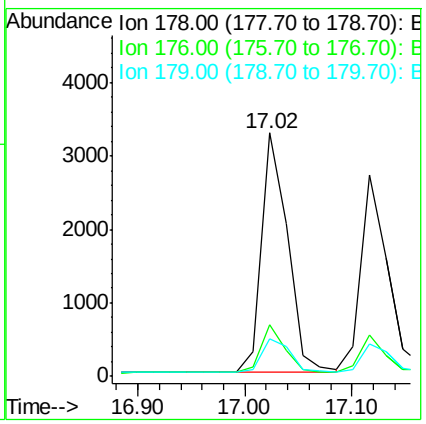


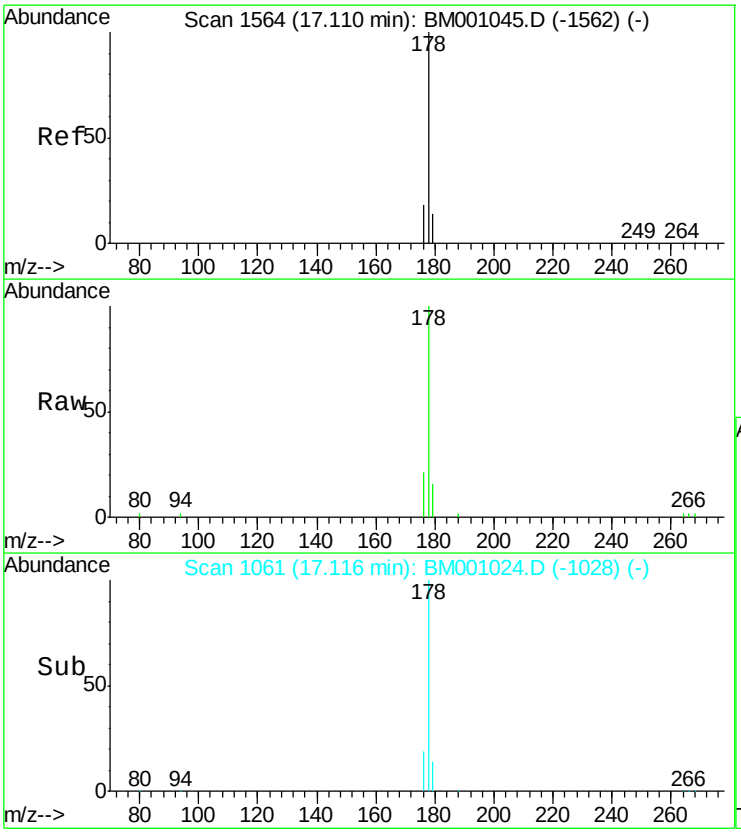
#16
Phenanthrene
Concen: 4.30 ng
RT: 17.02 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:178 Resp: 5526

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.5	12.6	19.0

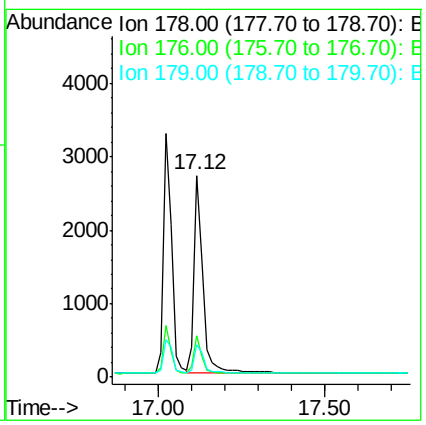


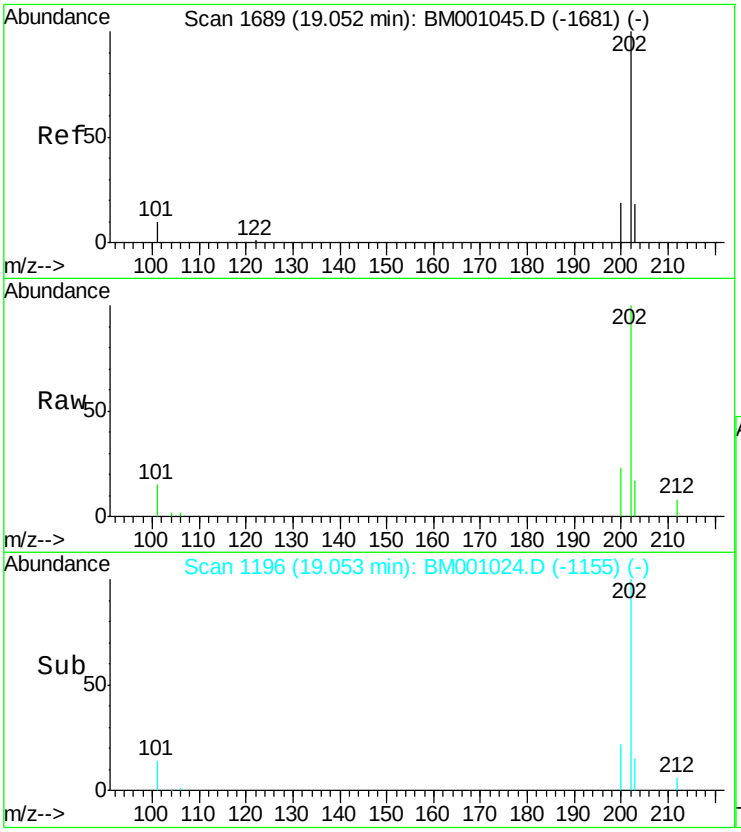


#17
Anthracene
Concen: 4.56 ng
RT: 17.12 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:178 Resp: 5094

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.3	21.5
179	15.3	11.8	17.8



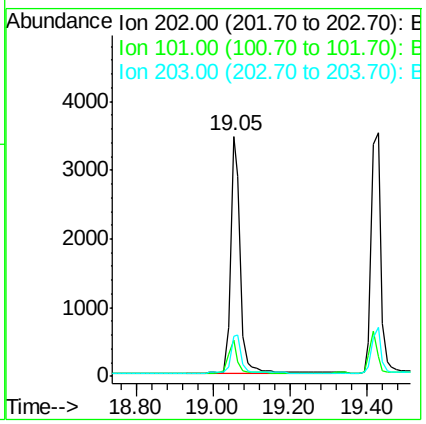


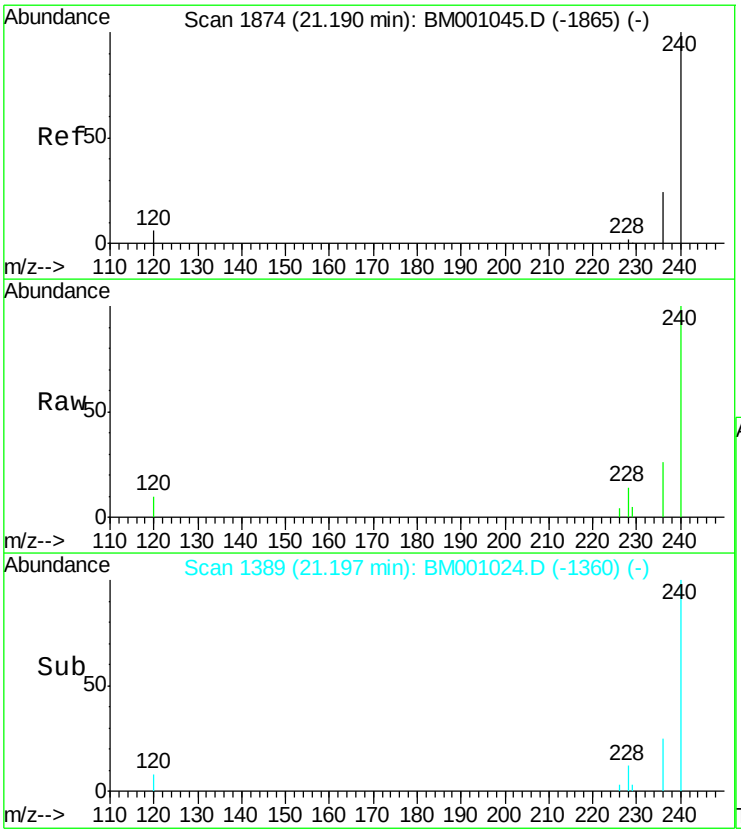
#18
Fluoranthene
Concen: 4.67 ng
RT: 19.05 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:202 Resp: 5904

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.1	15.1
203	17.6	13.8	20.8

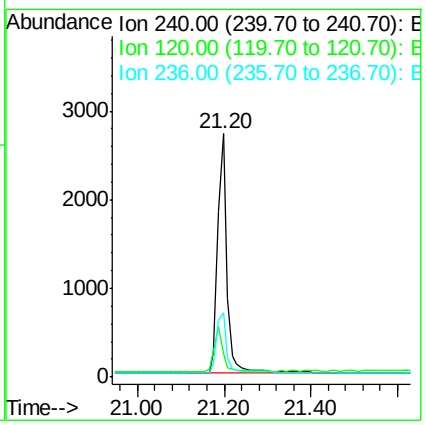


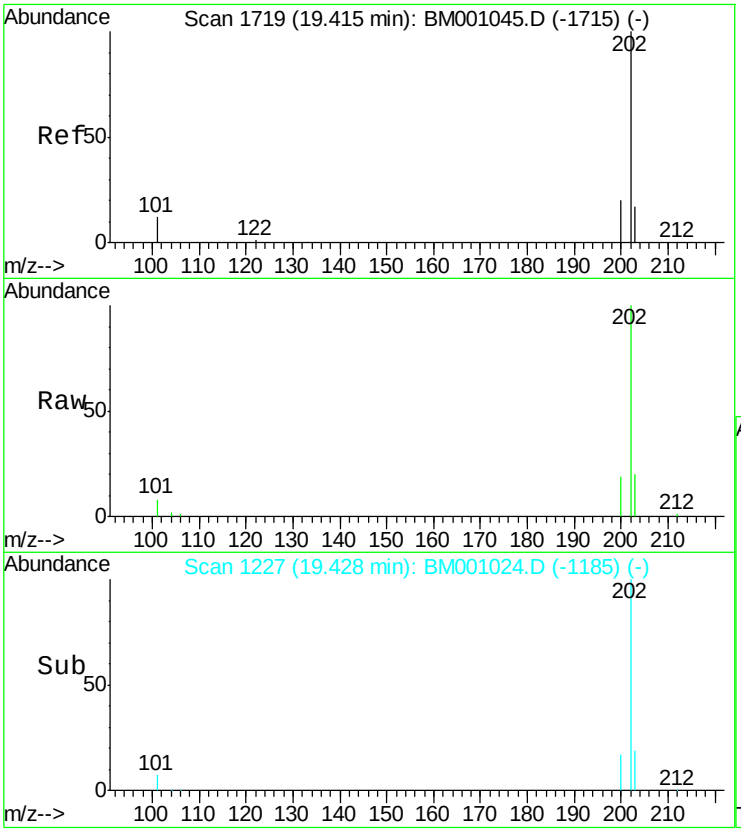


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:240 Resp: 3922

Ion	Ratio	Lower	Upper
240	100		
120	9.9	4.6	6.8#
236	26.3	19.1	28.7



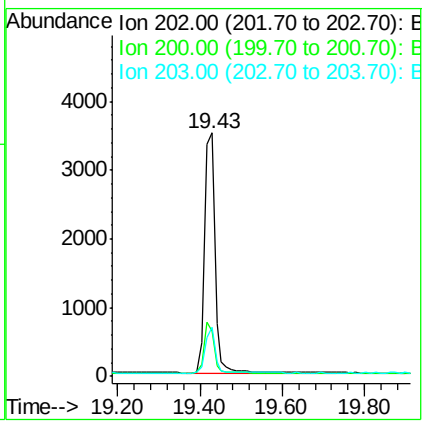


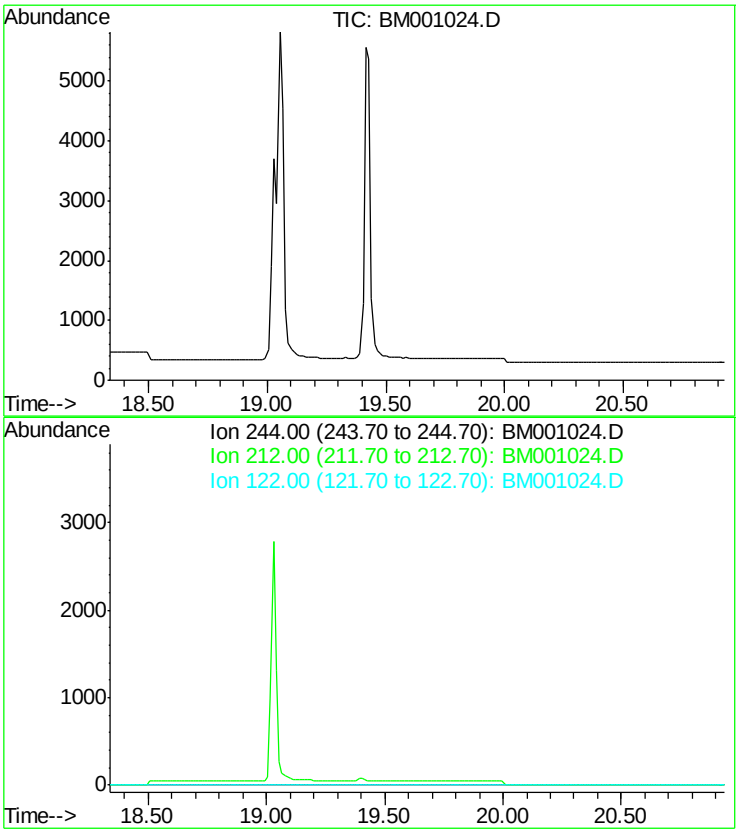
#20
Pyrene
Concen: 4.73 ng
RT: 19.43 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:202 Resp: 6166

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.3	24.5
203	18.1	13.8	20.6



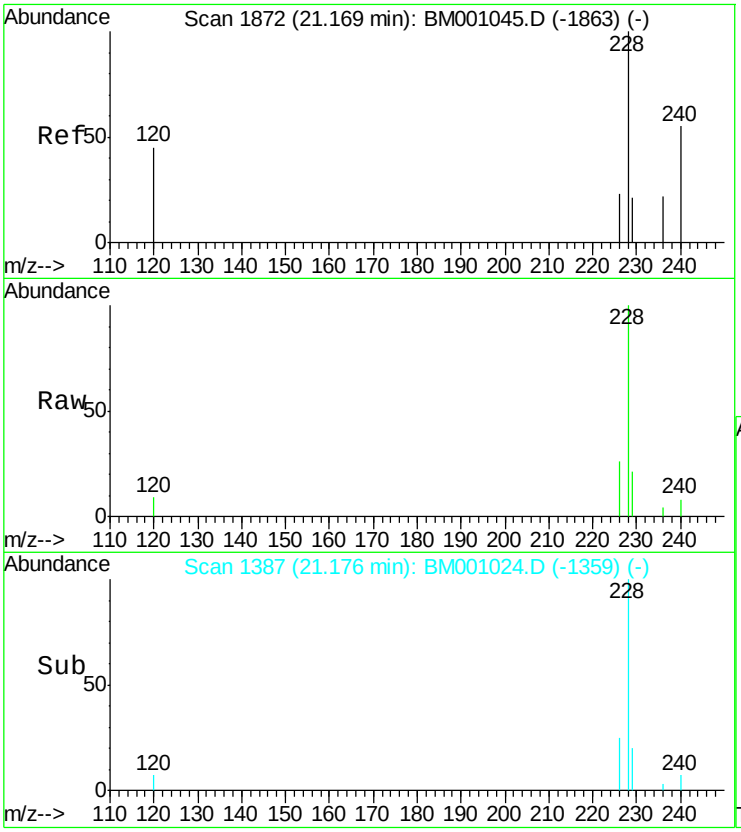


#21
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.63 min

Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	8.9
122	7.4

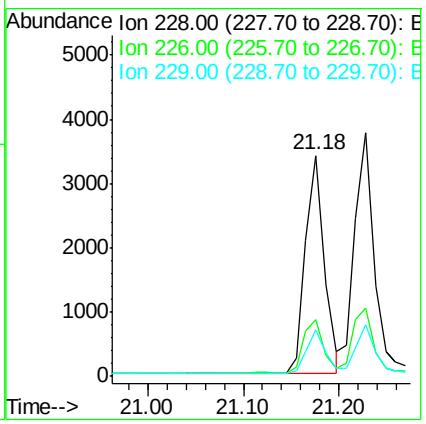


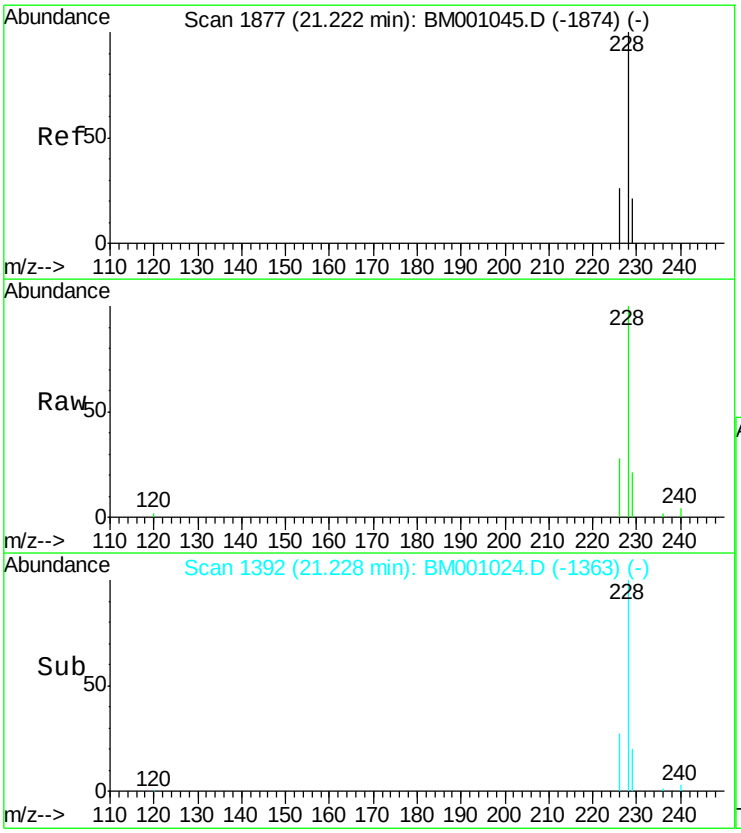
#22
Benzo(a)anthracene
Concen: 3.76 ng
RT: 21.18 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:228 Resp: 4644

Ion	Ratio	Lower	Upper
228	100		
226	25.9	19.0	28.6
229	20.8	16.8	25.2

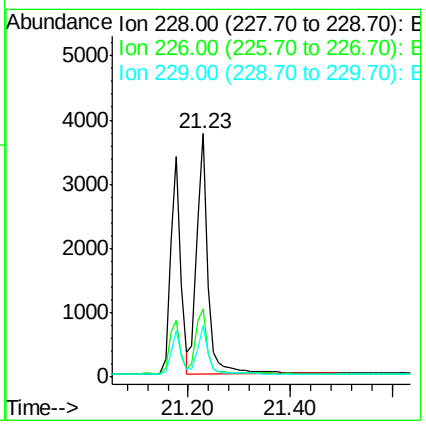


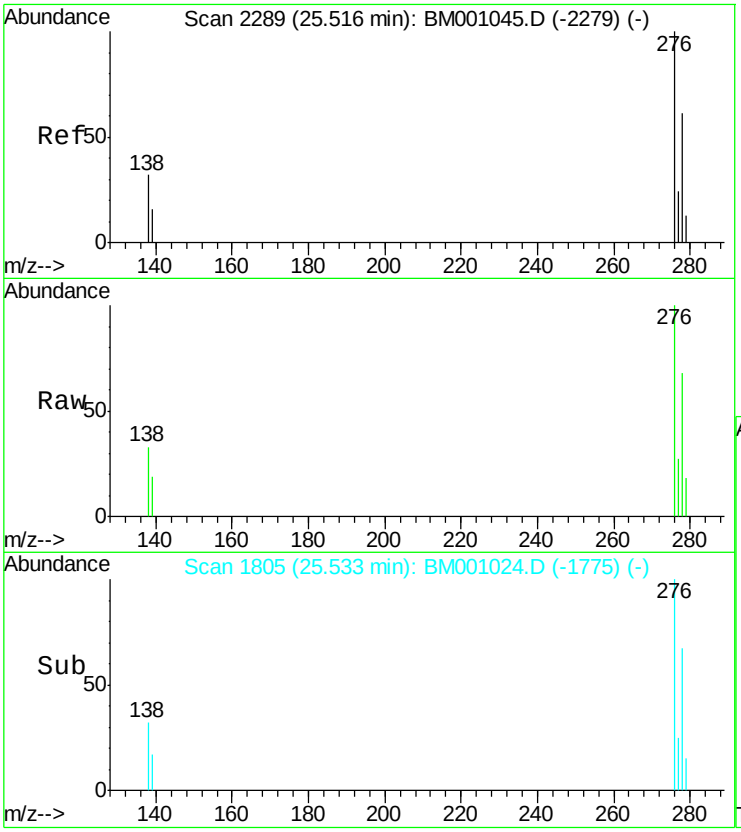


#23
Chrysene
Concen: 5.09 ng
RT: 21.23 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:228 Resp: 5644

Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.6	31.0
229	21.1	17.2	25.8



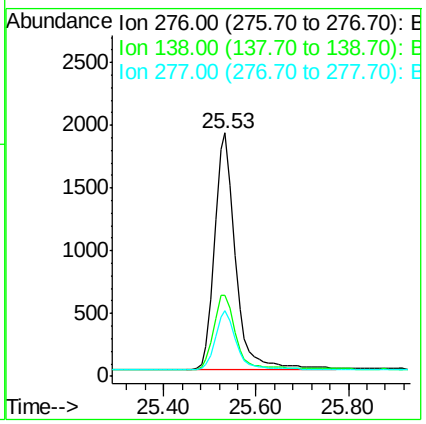


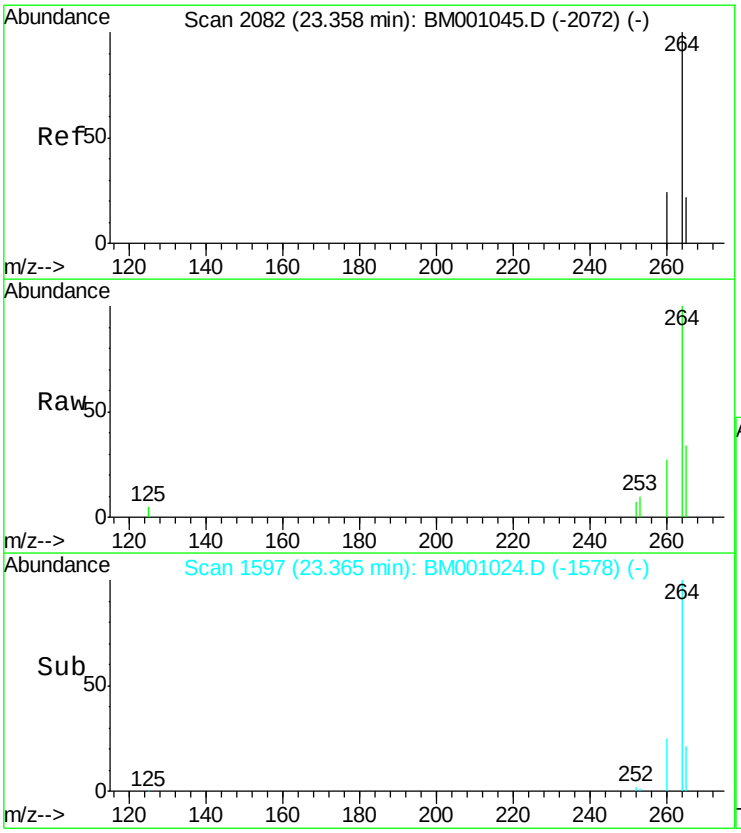
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.99 ng
RT: 25.53 min Scan# 1805
Delta R.T. 0.02 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:276 Resp: 6017

Ion	Ratio	Lower	Upper
276	100		
138	33.0	26.3	39.5
277	25.0	19.5	29.3

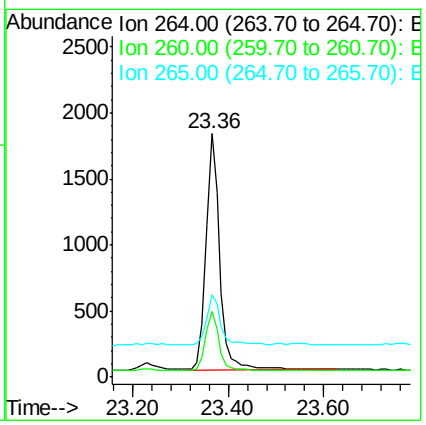


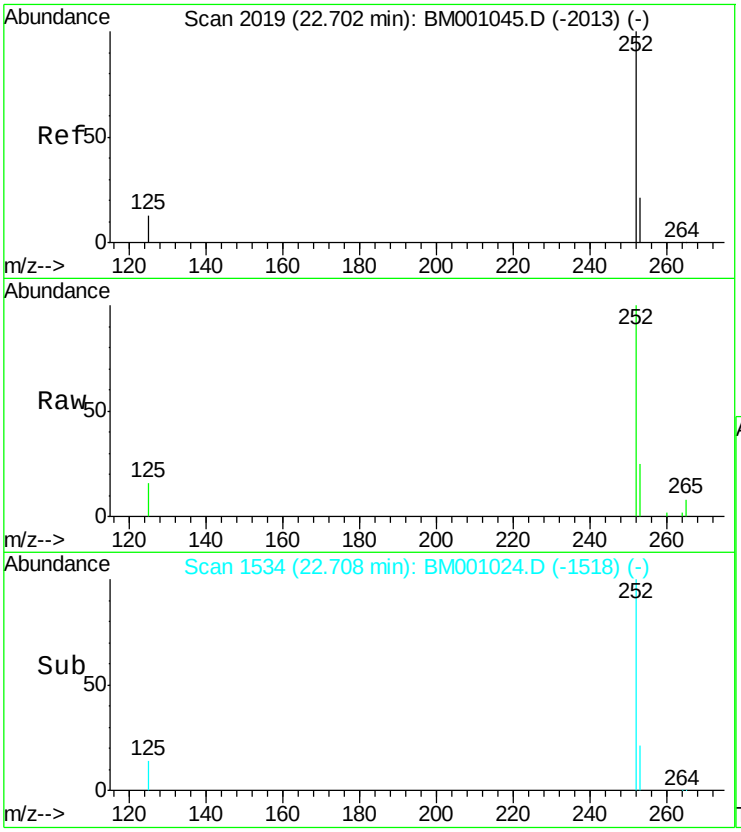


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:264 Resp: 3610

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.0	28.6
265	33.6	17.9	26.9#



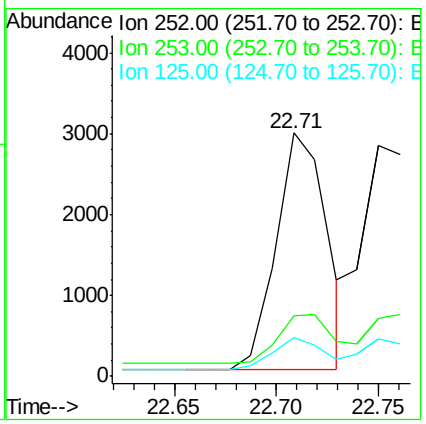


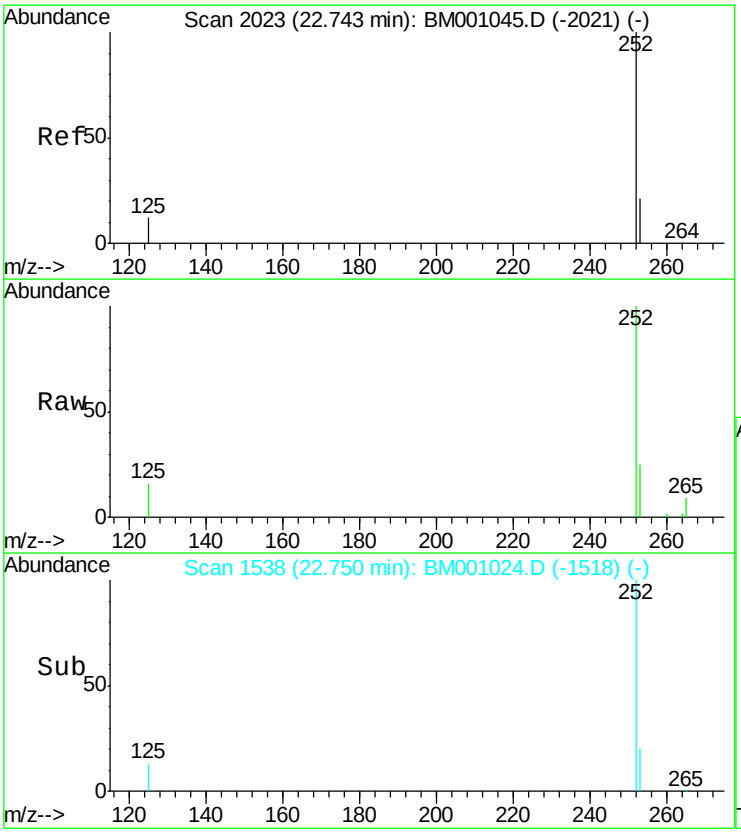
#26
Benzo(b)fluoranthene
Concen: 4.03 ng
RT: 22.71 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:252 Resp: 5028

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	16.1	10.9	16.3

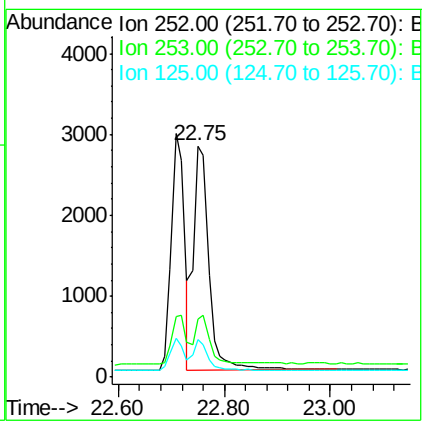


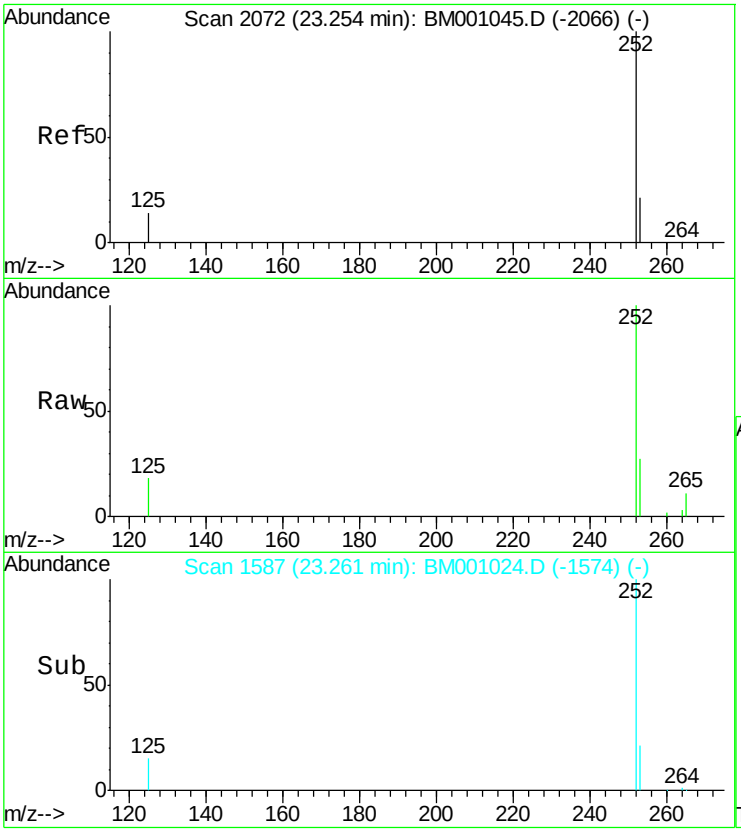


#27
Benzo(k)fluoranthene
Concen: 5.11 ng
RT: 22.75 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:252 Resp: 5595

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.3	27.5
125	16.1	10.6	15.8#



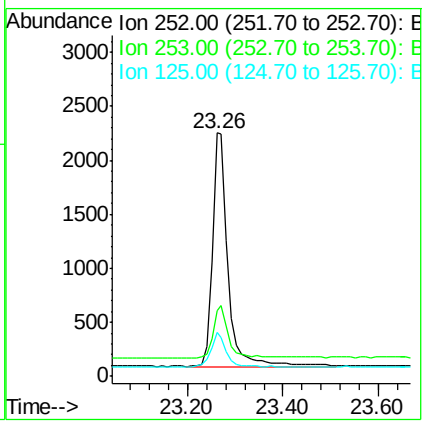


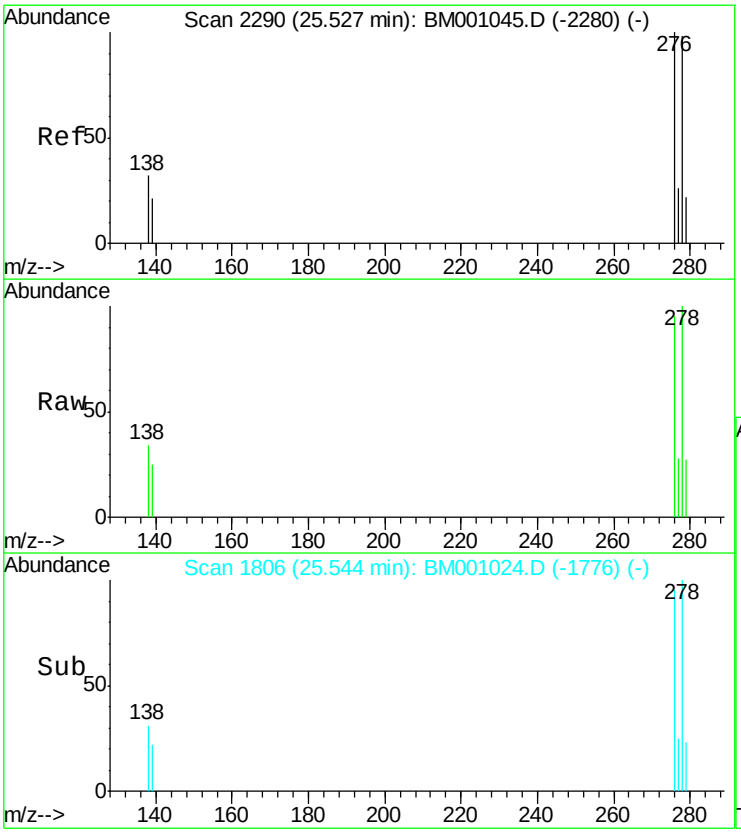
#28
Benzo(a)pyrene
Concen: 4.77 ng
RT: 23.26 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:252 Resp: 4977

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.6	27.8
125	18.1	11.9	17.9#

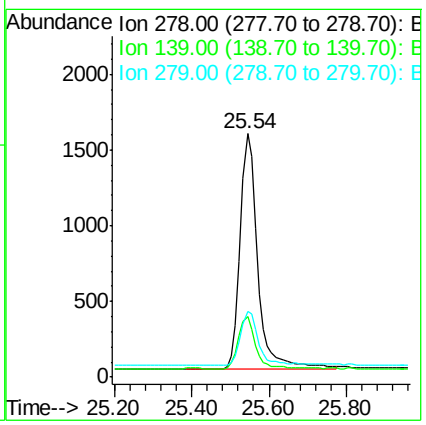


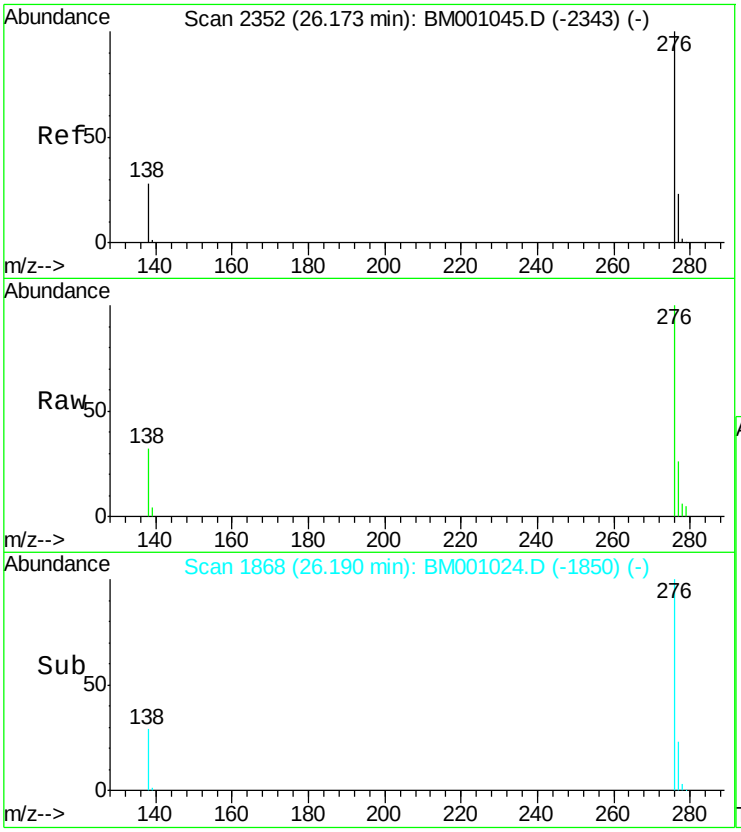


#29
Dibenzo(a,h)anthracene
Concen: 5.06 ng
RT: 25.54 min Scan# 1806
Delta R.T. 0.02 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Tgt Ion:278 Resp: 4977

Ion	Ratio	Lower	Upper
278	100		
139	24.7	18.2	27.2
279	27.0	19.1	28.7





#30
Benzo(g,h,i)perylene
Concen: 5.35 ng
RT: 26.19 min Scan# 1868
Delta R.T. 0.02 min
Lab File: BM001024.D
Acq: 16 Apr 2015 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.429

Tgt Ion:276 Resp: 5366

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.0	28.4
138	31.7	23.4	35.2