Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
Data File : BM001169.D
Acq On : 02 May 2015 15:14
Operator : TP/IZ
Sample : G2057-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FB-042815

Quant Time: May 04 01:00:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 00:38:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	16252	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	63011	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	35819	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	90288	5.00	ng	0.00
24) Chrysene-d12	21.15	240	73005	5.00	ng	0.00
30) Perylene-d12	23.29	264	58720	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	17476	5.53	ng/uL	-0.02
5) Phenol-d6	6.71	99	12991	3.34	ng/uL	0.00
7) Nitrobenzene-d5	8.69	82	35270	9.88	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	21886	12.42	ng/uL	0.00
14) 2-Fluorobiphenyl	12.81	172	113574	9.59	ng	0.00
26) Terphenyl-d14	19.59	244	111302	11.06	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.61	42	70	0.04	ng	# 50
8) Nitrobenzene	8.69	77	191	0.19	ng/uL	# 42
9) Naphthalene	10.36	128	823	0.06	ng	# 79
10) Hexachlorobutadiene	10.65	225	11	0.00	ng/uL	# 77
11) 2-Methylnaphthalene	11.99	142	66	0.01	ng	# 63
15) Acenaphthylene	13.51	152	393	0.03	ng	# 1
16) Acenaphthene	14.18	154	193	0.02	ng	# 4
17) Fluorene	15.24	166	39	0.00	ng	# 88
19) Hexachlorobenzene	15.95	284	118	0.02	ng	# 42
20) Pentachlorophenol	16.59	266	26	0.24	ng	# 51
21) Phenanthrene	16.98	178	142	0.01	ng	# 80
22) Anthracene	17.08	178	25	0.00	ng	# 61
23) Fluoranthene	19.01	202	43	0.00	ng	# 70
25) Pyrene	19.38	202	57	0.00	ng	# 78
27) Benzo(a)anthracene	21.15	228	275	0.01	ng	# 73
28) Chrysene	21.15	228	275	0.01	ng	# 73
29) Indeno(1,2,3-cd)pyrene	25.44	276	36	0.00	ng	# 77
31) Benzo(b)fluoranthene	22.66	252	40	0.00	ng	# 1
32) Benzo(k)fluoranthene	22.70	252	24	0.00	ng	# 1
33) Benzo(a)pyrene	23.20	252	25	0.00	ng	# 1
34) Dibenzo(a,h)anthracene	25.46	278	29	0.00	ng	# 1
35) Benzo(g,h,i)perylene	26.09	276	32	0.00	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
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Acq On : 02 May 2015 15:14
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 00:38:27 2015
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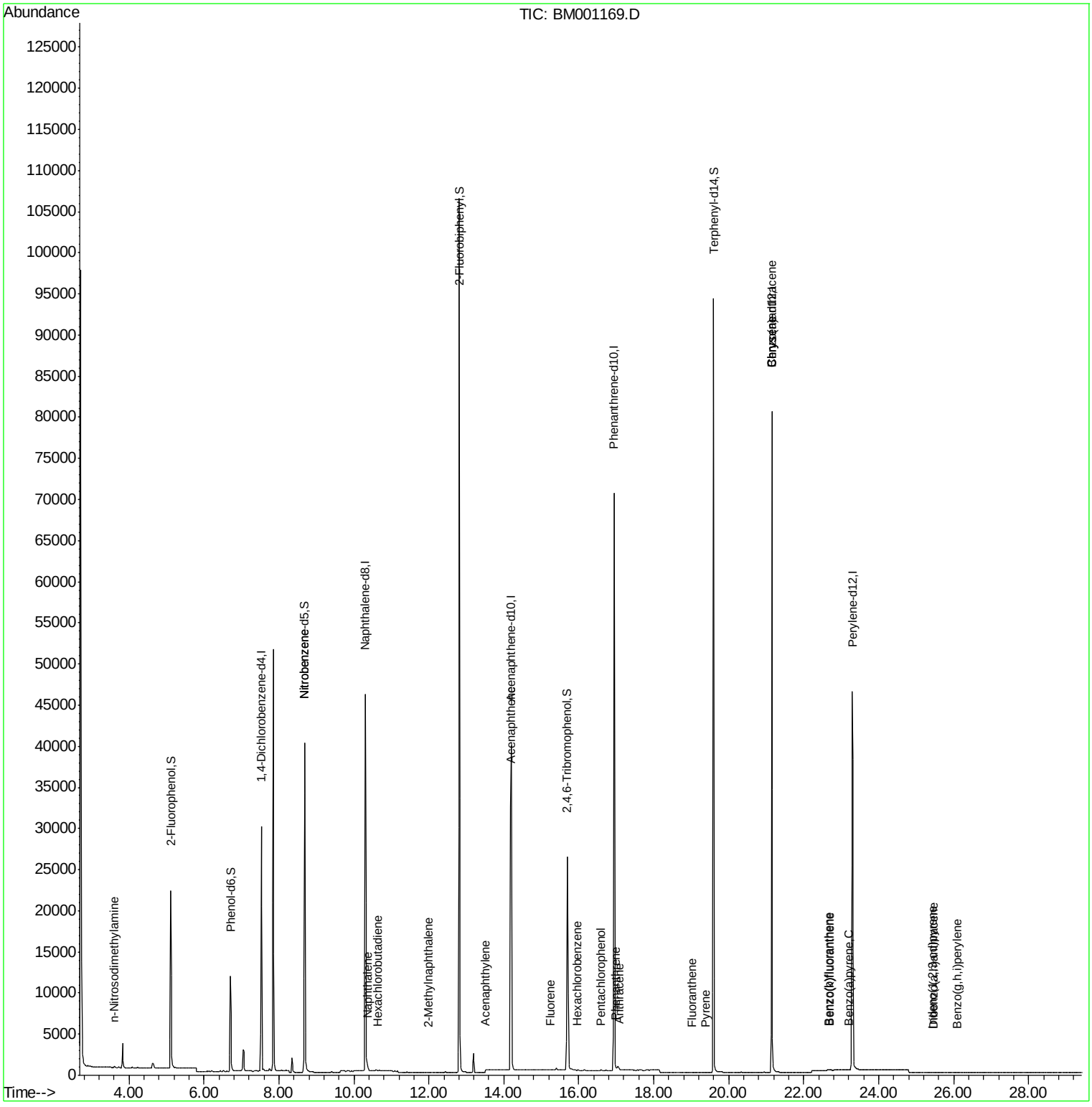
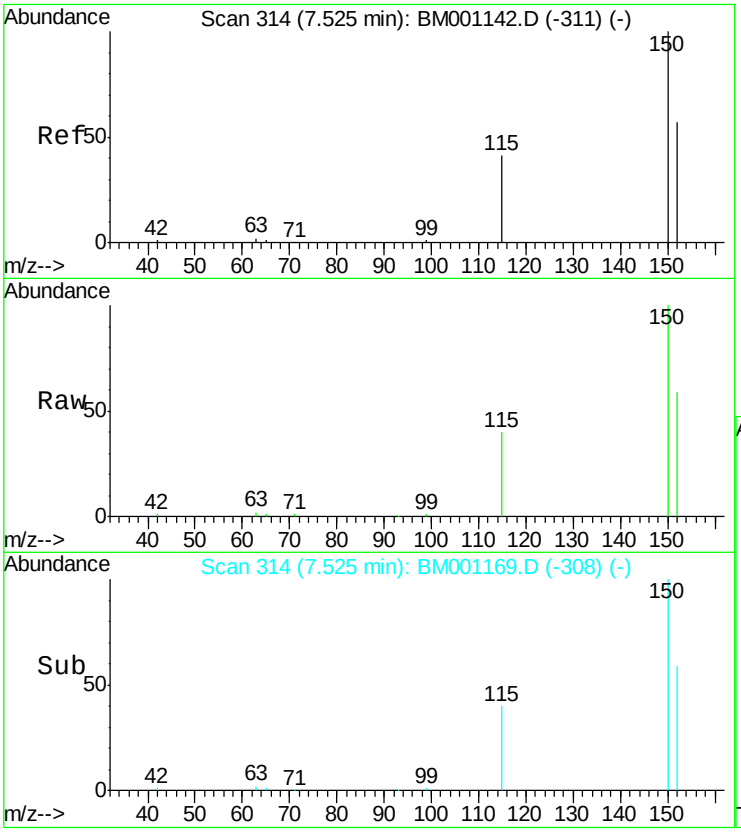


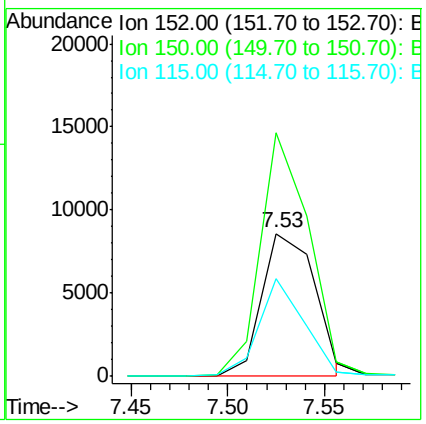


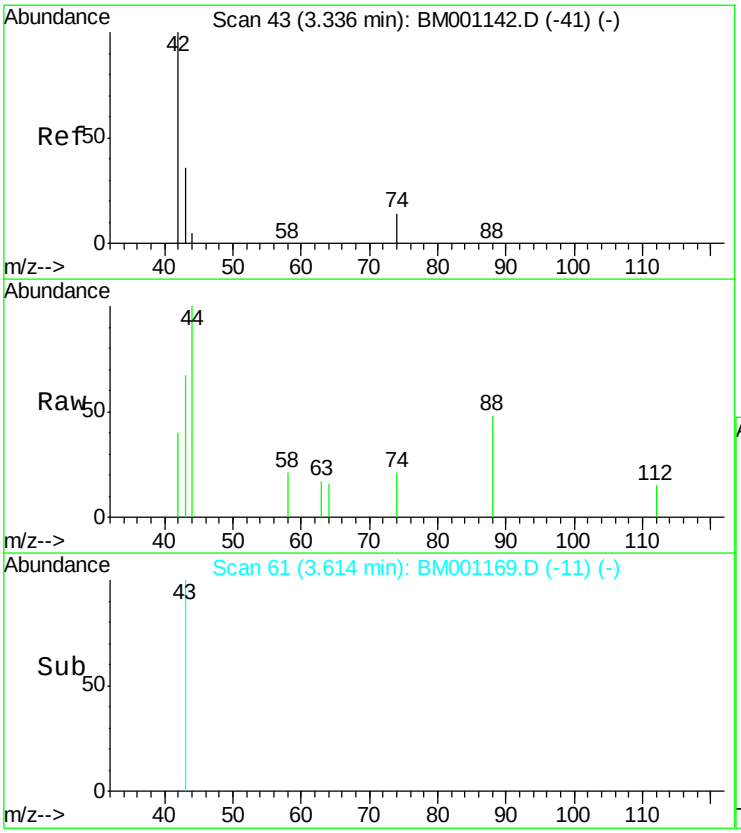
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:152 Resp: 16252

Ion	Ratio	Lower	Upper
152	100		
150	170.4	140.1	210.1
115	68.8	57.8	86.6

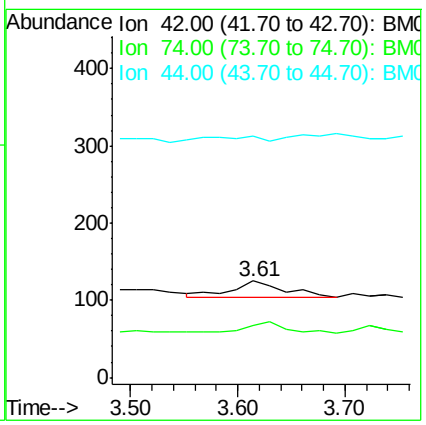


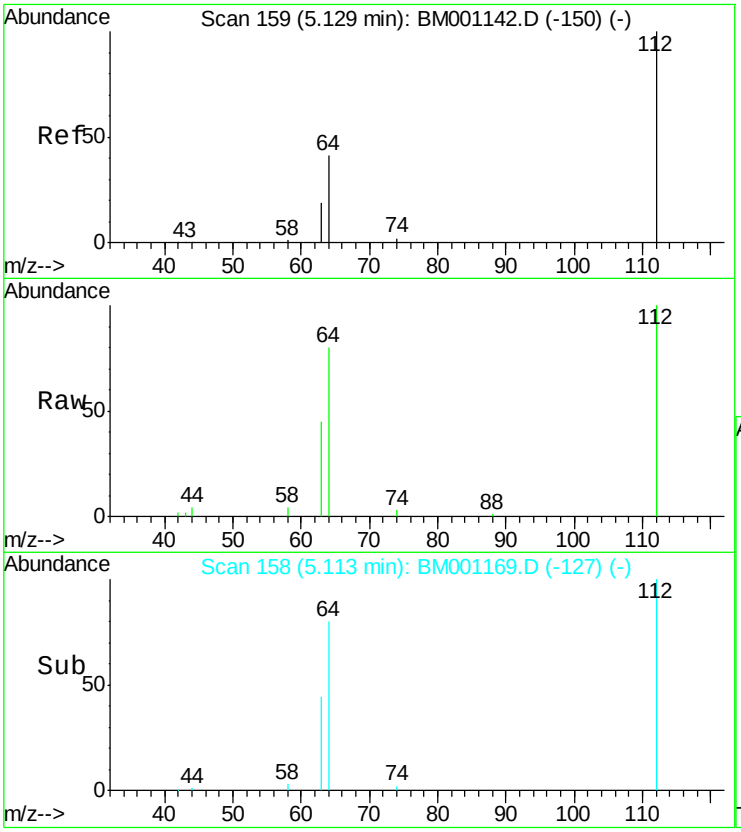


#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.61 min Scan# 61
Delta R.T. 0.28 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion: 42 Resp: 70

Ion	Ratio	Lower	Upper
42	100		
74	45.7	72.0	108.0#
44	37.1	3.7	5.5#



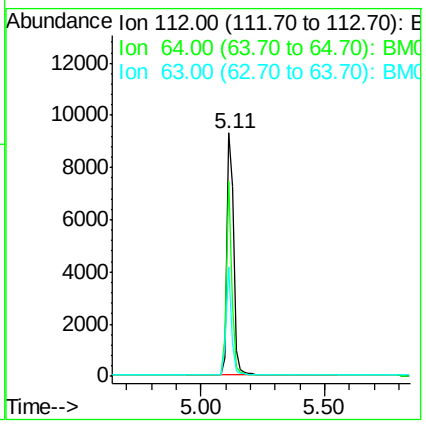


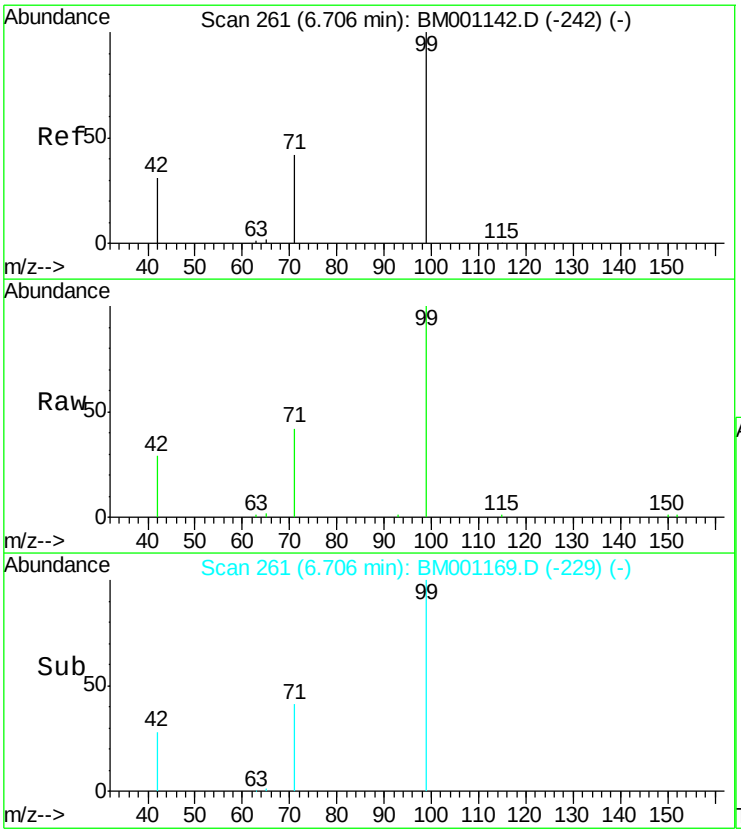
#4
2-Fluorophenol
Concen: 5.53 ng/uL
RT: 5.11 min Scan# 158
Delta R.T. -0.02 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:112 Resp: 17476

Ion	Ratio	Lower	Upper
112	100		
64	64.8	52.6	79.0
63	36.1	29.5	44.3

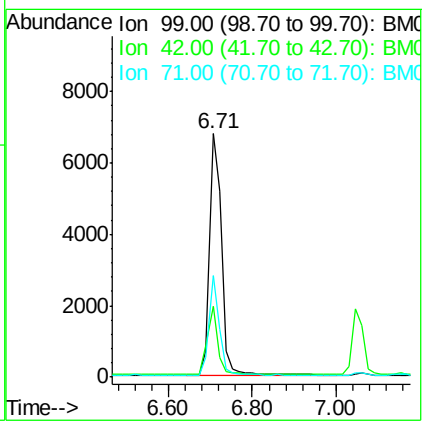


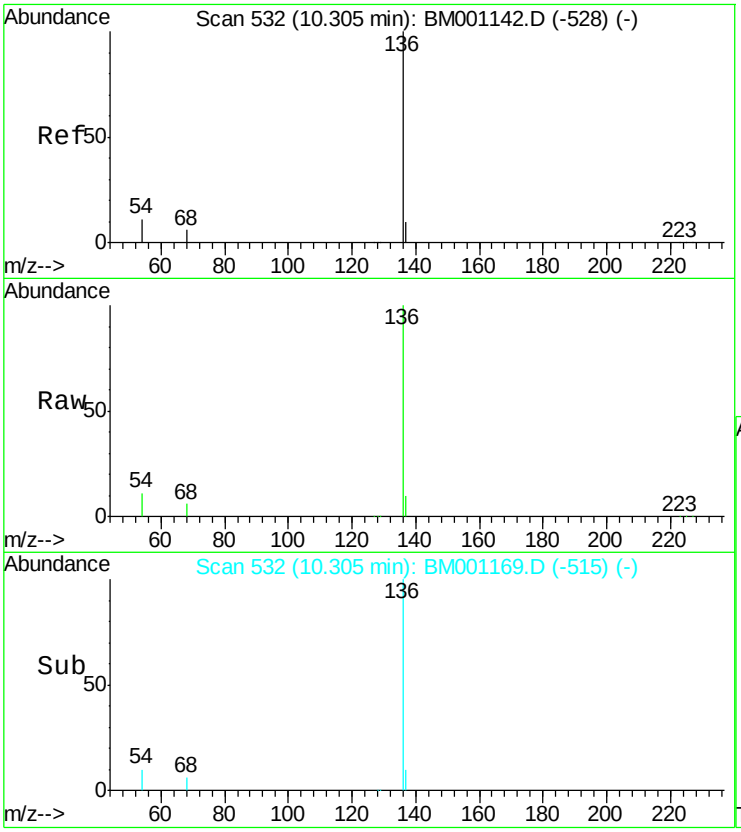


#5
Phenol-d6
Concen: 3.34 ng/uL
RT: 6.71 min Scan# 261
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion: 99 Resp: 12991

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.9	31.3
71	35.6	28.5	42.7



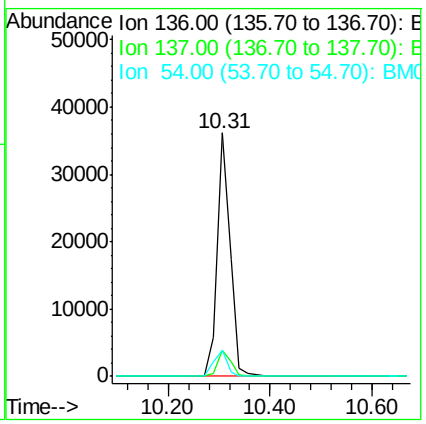


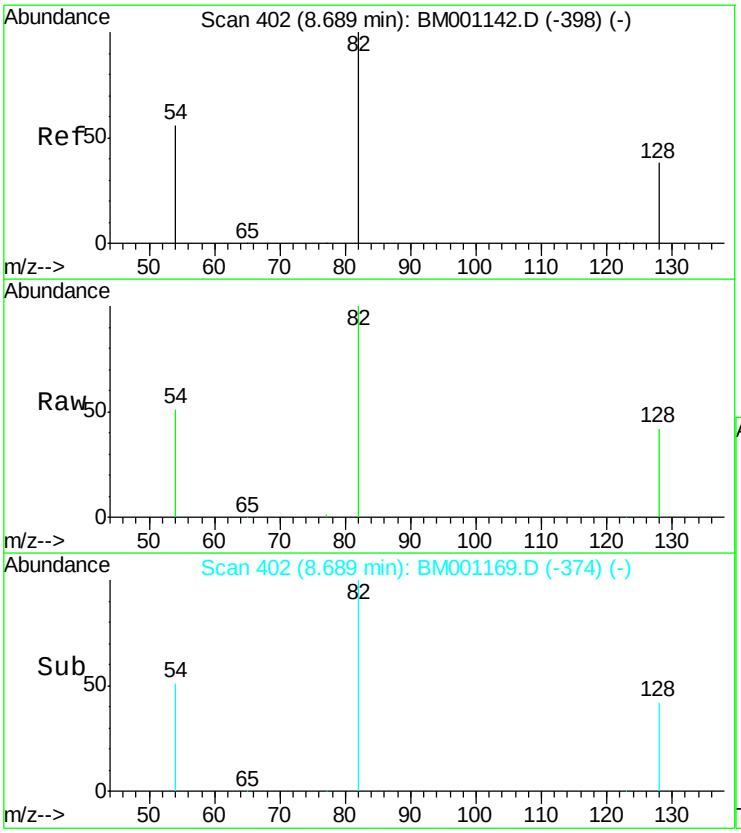
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:136 Resp: 63011

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	10.6	9.0	13.4

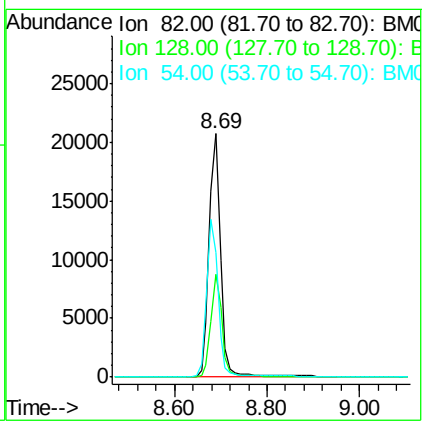


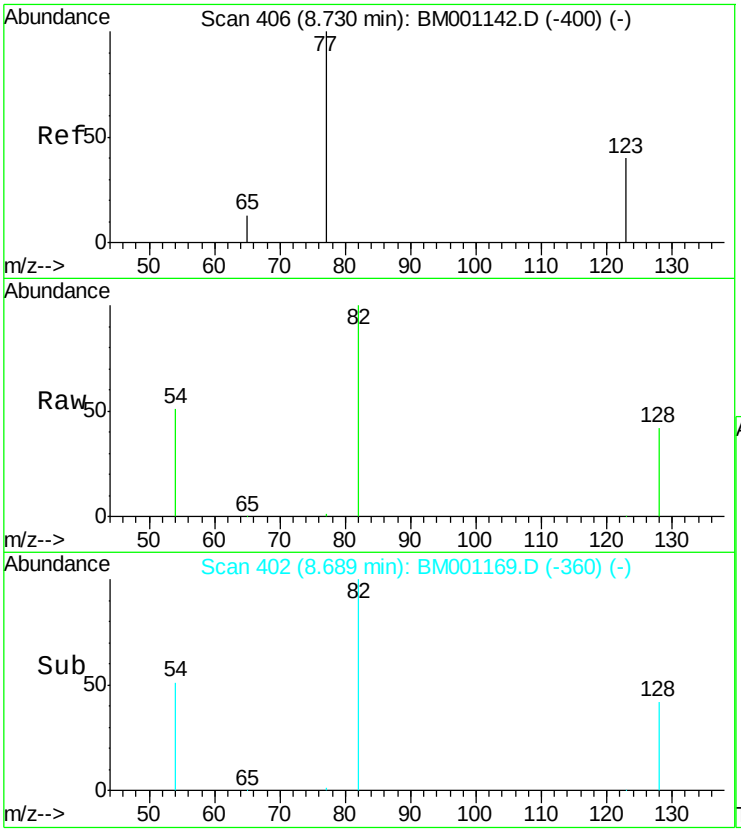


#7
Nitrobenzene-d5
Concen: 9.88 ng
RT: 8.69 min Scan# 402
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion: 82 Resp: 35270

Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.9	47.9
54	51.3	46.2	69.2



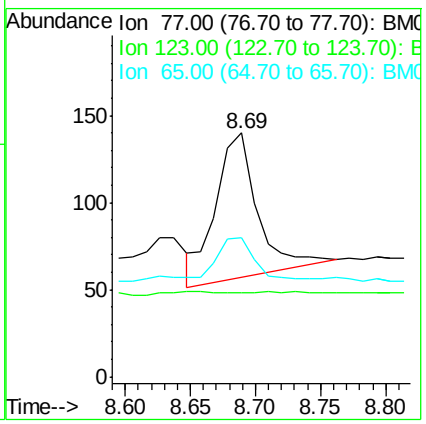


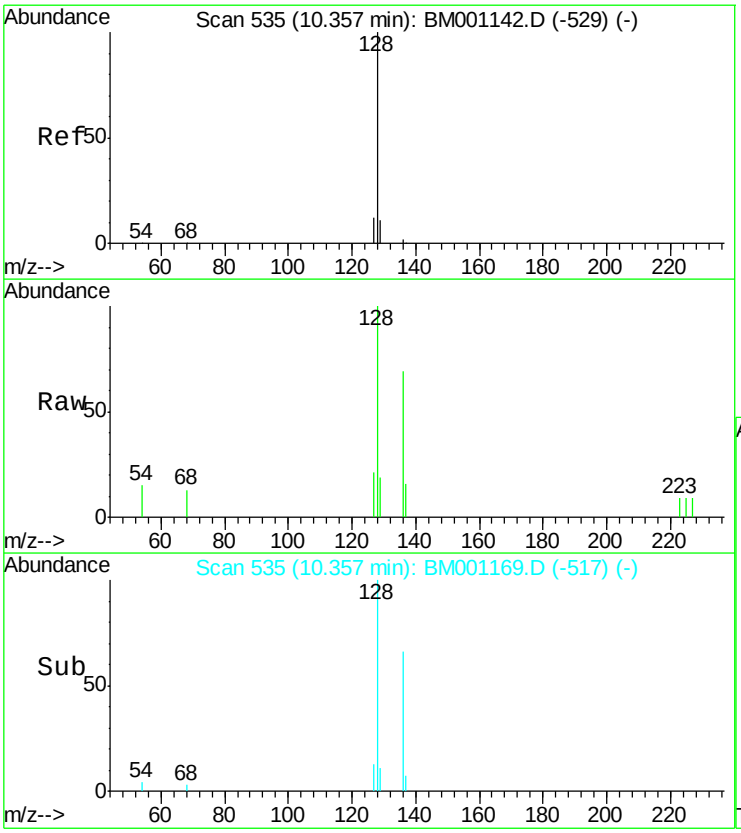
#8
Nitrobenzene
Concen: 0.19 ng/uL
RT: 8.69 min Scan# 402
Delta R.T. -0.04 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion: 77 Resp: 191

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.0	46.6#
65	29.3	10.6	15.8#

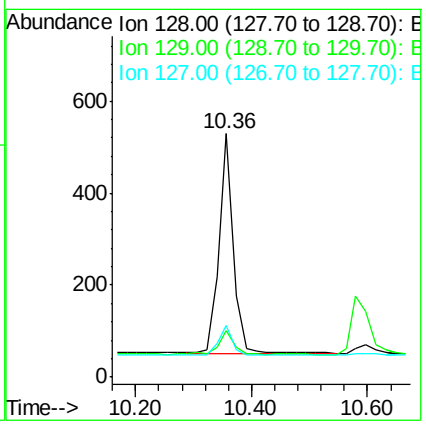


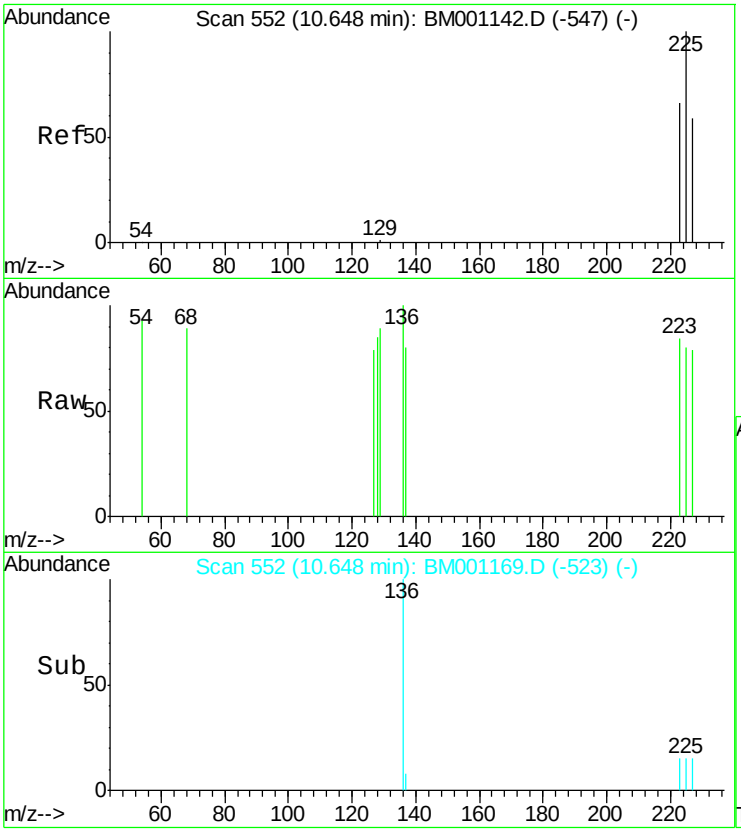


#9
Naphthalene
Concen: 0.06 ng
RT: 10.36 min Scan# 535
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:128 Resp: 823

Ion	Ratio	Lower	Upper
128	100		
129	19.3	9.0	13.6#
127	21.0	10.0	15.0#



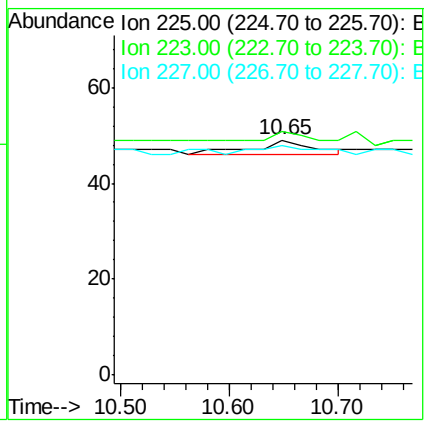


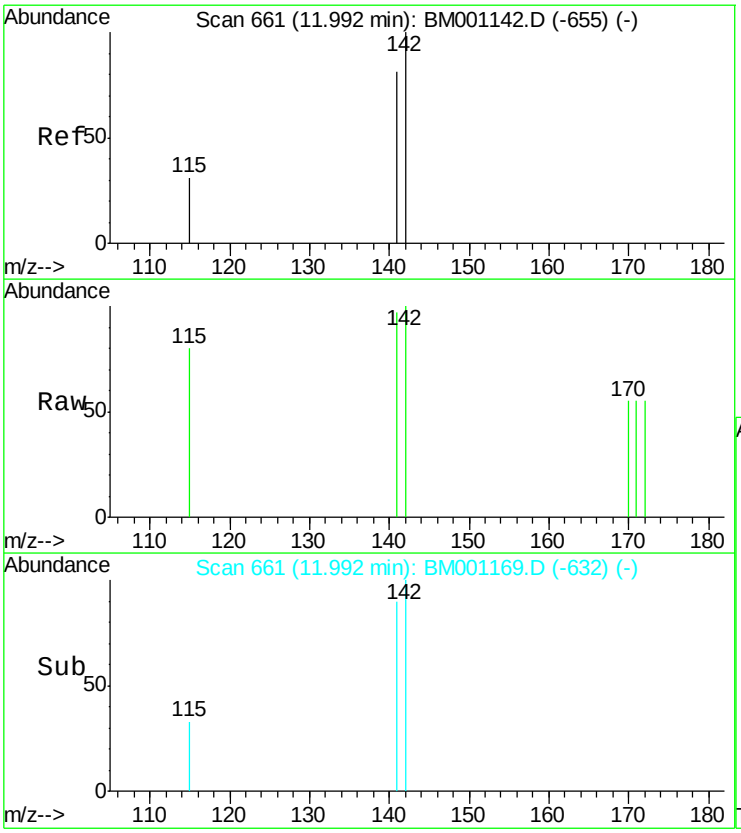
#10
Hexachlorobutadiene
Concen: 0.00 ng/uL
RT: 10.65 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:225 Resp: 11

Ion	Ratio	Lower	Upper
225	100		
223	27.3	50.8	76.2#
227	63.6	51.0	76.4

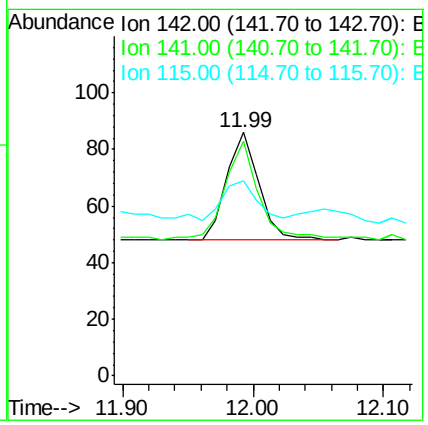


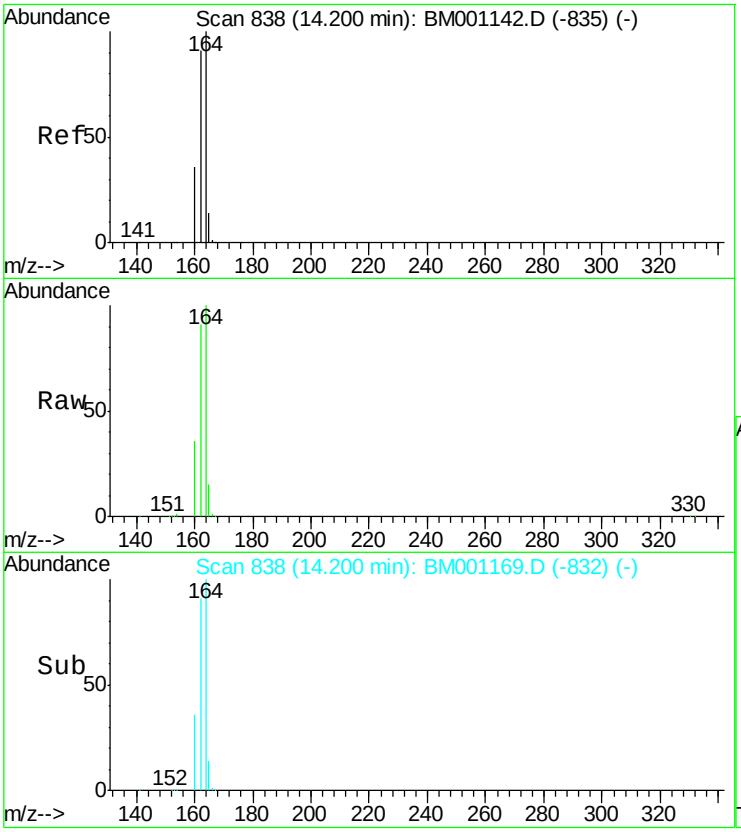


#11
2-Methylnaphthalene
Concen: 0.01 ng
RT: 11.99 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:142 Resp: 66

Ion	Ratio	Lower	Upper
142	100		
141	96.5	65.1	97.7
115	80.2	25.1	37.7#



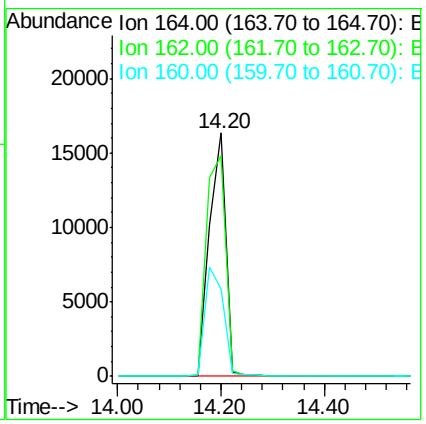


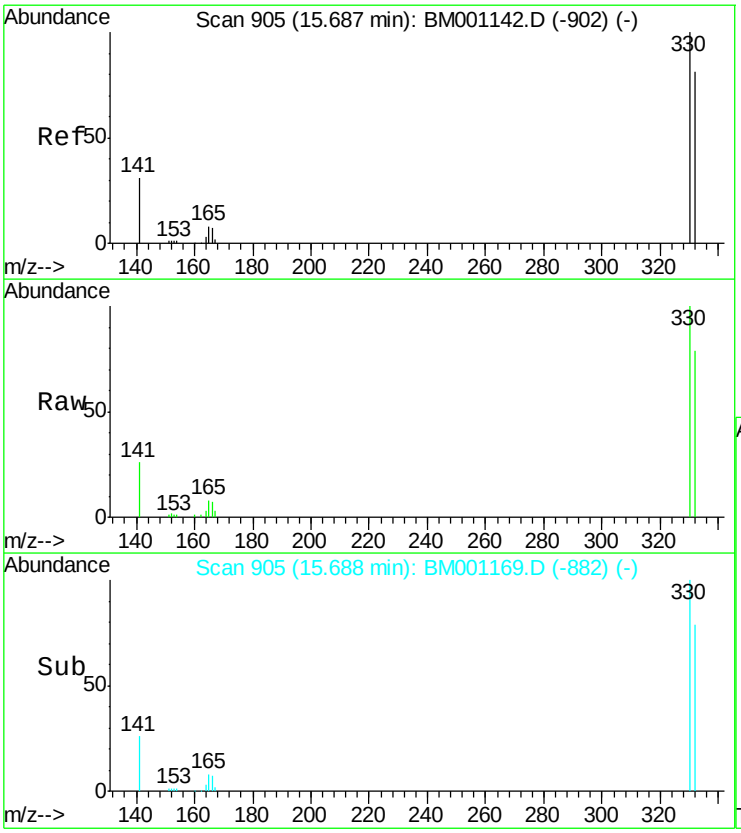
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:164 Resp: 35819

Ion	Ratio	Lower	Upper
164	100		
162	90.6	72.7	109.1
160	35.8	28.7	43.1

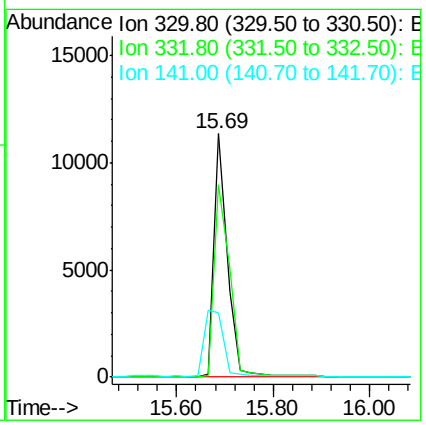


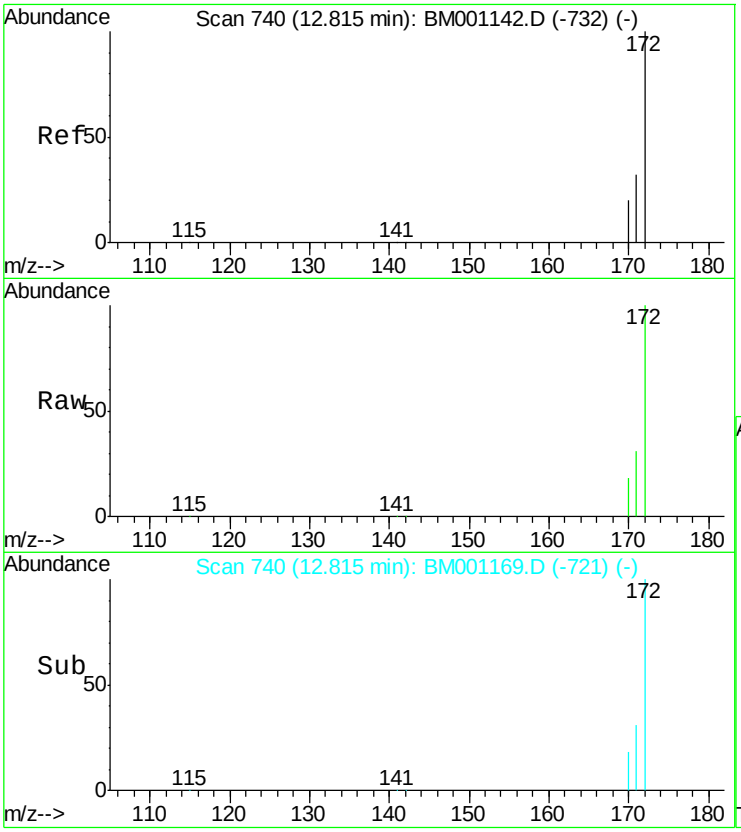


#13
2,4,6-Tribromophenol
Concen: 12.42 ng/uL
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:330 Resp: 21886

Ion	Ratio	Lower	Upper
330	100		
332	91.9	74.5	111.7
141	0.0	21.0	31.4#



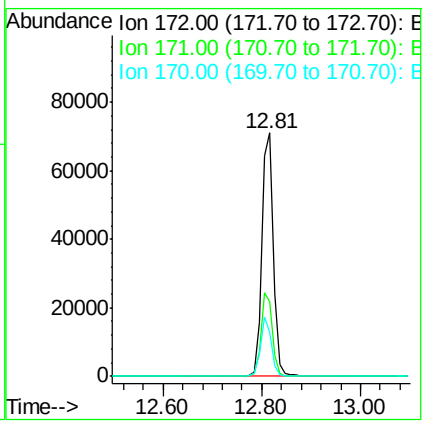


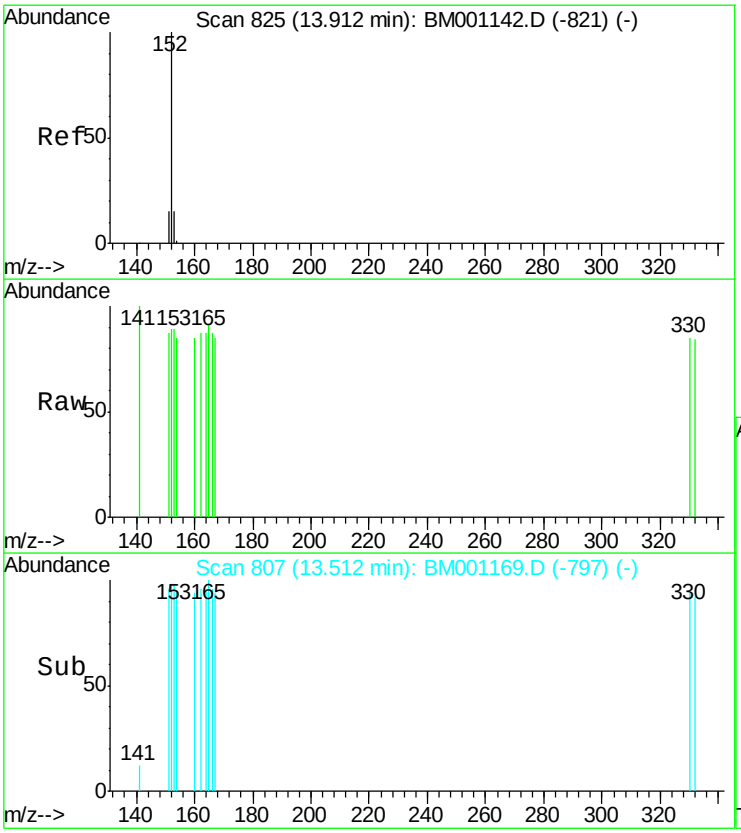
#14
2-Fluorobiphenyl
Concen: 9.59 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:172 Resp: 113574

Ion	Ratio	Lower	Upper
172	100		
171	30.7	25.8	38.6
170	18.1	16.1	24.1

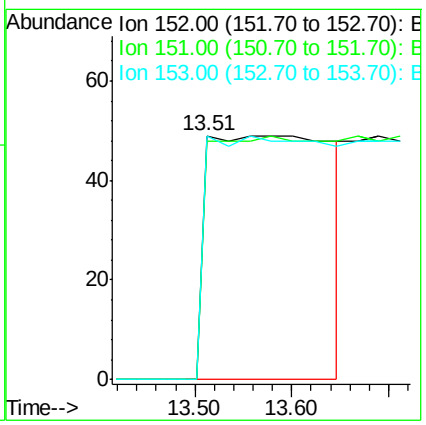


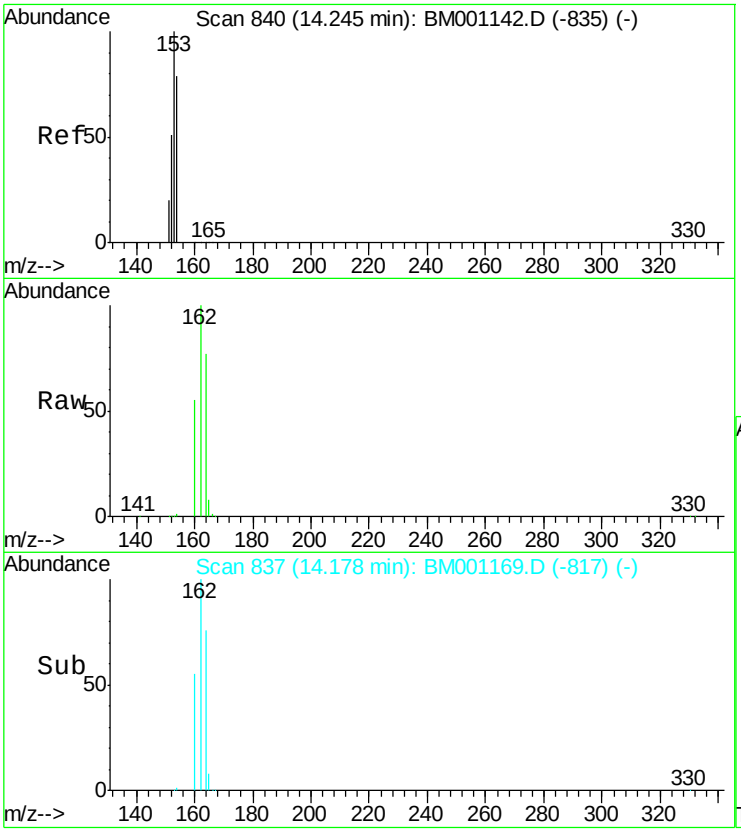


#15
Acenaphthylene
Concen: 0.03 ng
RT: 13.51 min Scan# 807
Delta R.T. -0.40 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:152 Resp: 393

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	0.0
153	98.7	10.3	15.5#



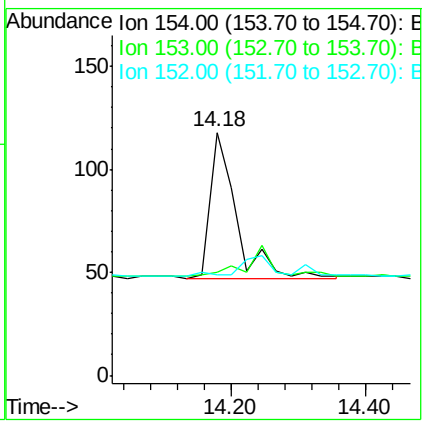


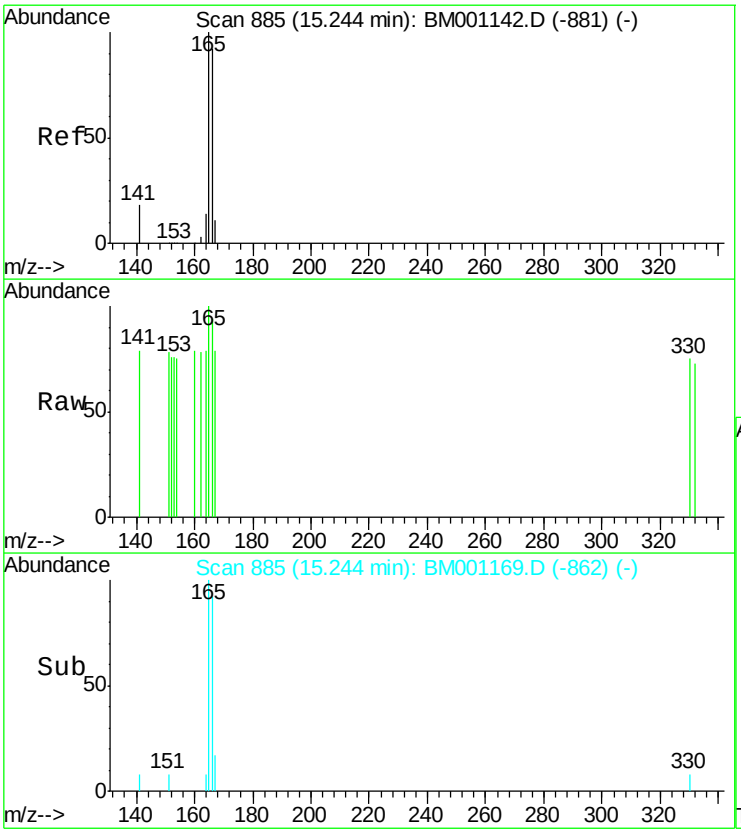
#16
Acenaphthene
Concen: 0.02 ng
RT: 14.18 min Scan# 837
Delta R.T. -0.07 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:154 Resp: 193

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.6	136.0#
152	0.0	45.0	67.4#

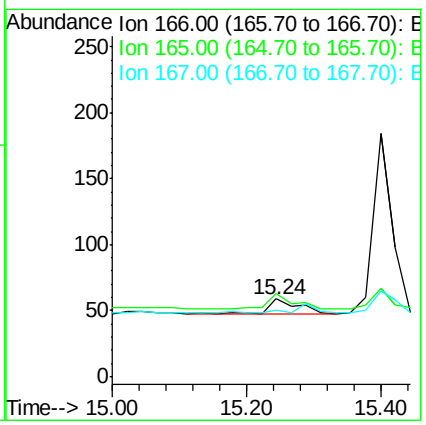


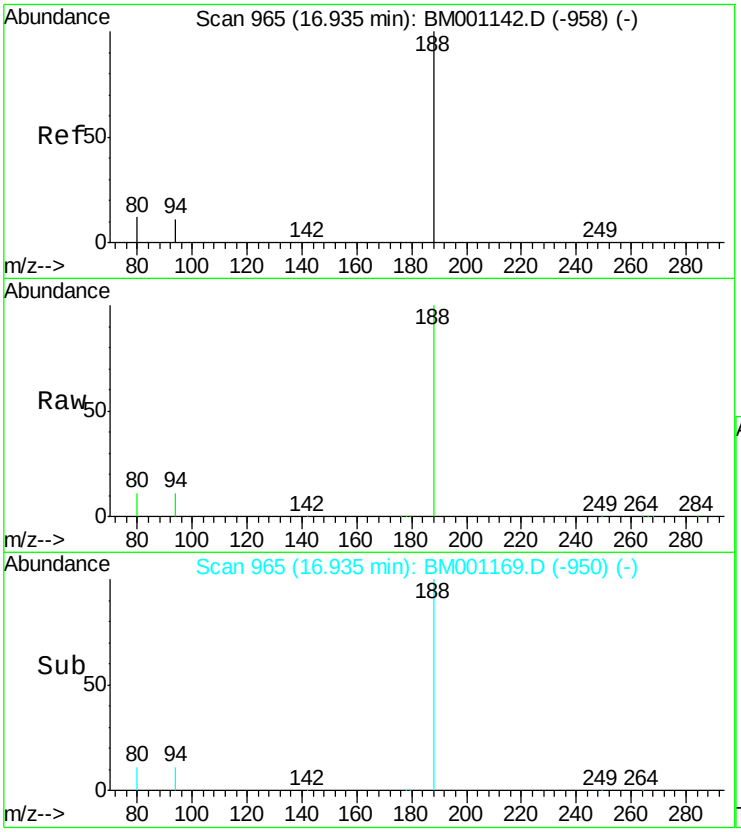


#17
Fluorene
Concen: 0.00 ng
RT: 15.24 min Scan# 885
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:166 Resp: 39

Ion	Ratio	Lower	Upper
166	100		
165	92.3	81.0	121.6
167	0.0	10.4	15.6#



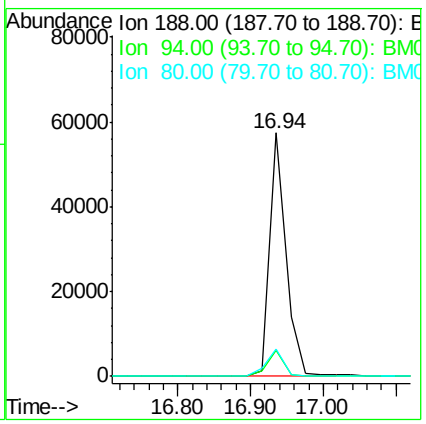


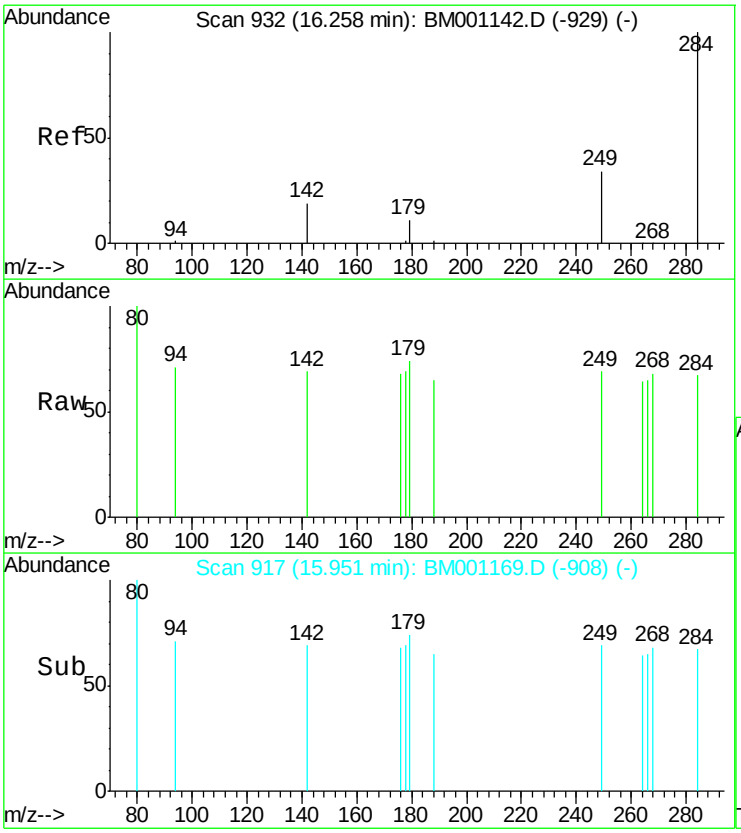
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:188 Resp: 90288

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.3	13.9
80	11.2	9.8	14.6

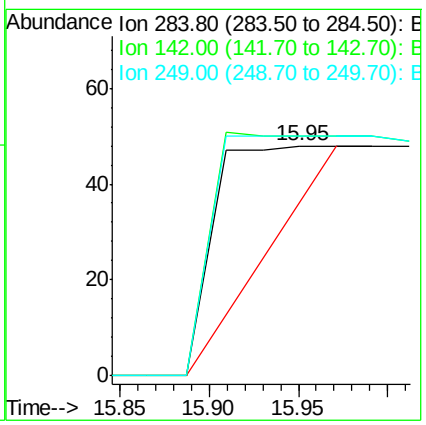


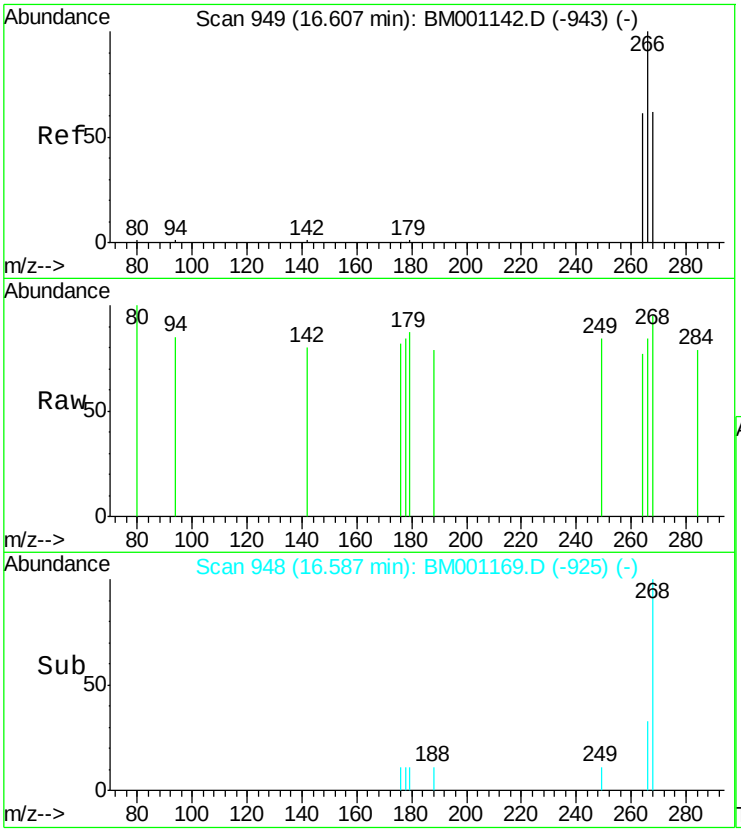


#19
Hexachlorobenzene
Concen: 0.02 ng
RT: 15.95 min Scan# 917
Delta R.T. -0.31 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:284 Resp: 118

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	26.5	39.7#



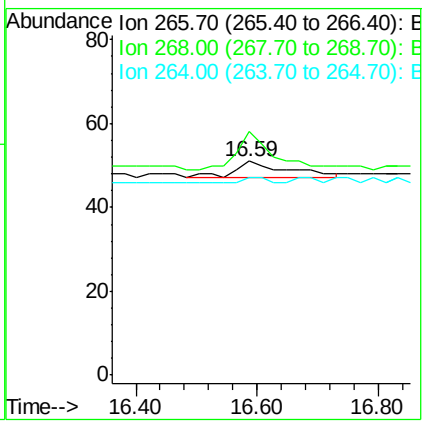


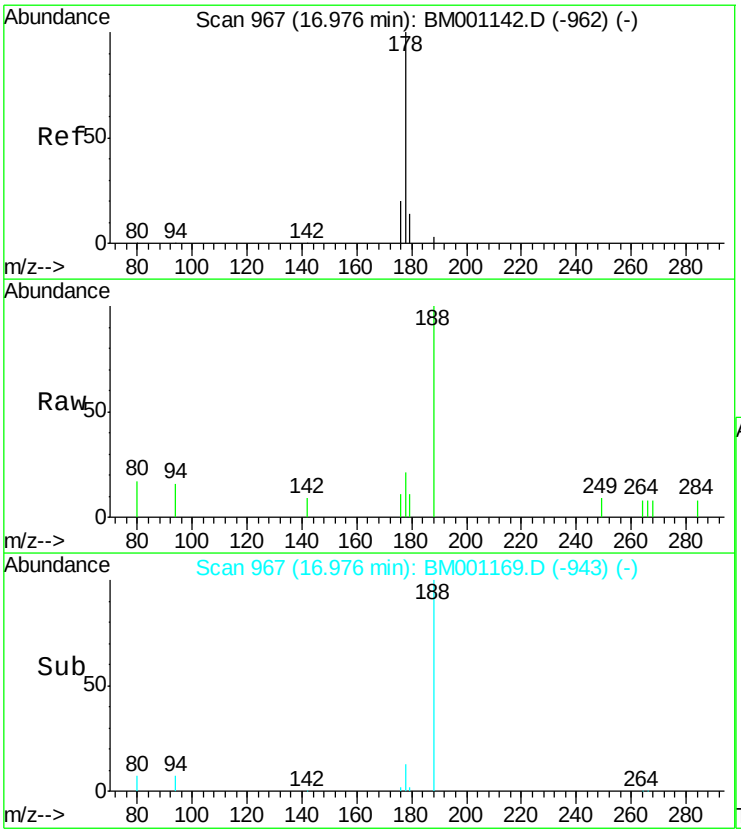
#20
Pentachlorophenol
Concen: 0.24 ng
RT: 16.59 min Scan# 948
Delta R.T. -0.02 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
268	113.7	52.6	79.0#
264	92.2	51.0	76.4#

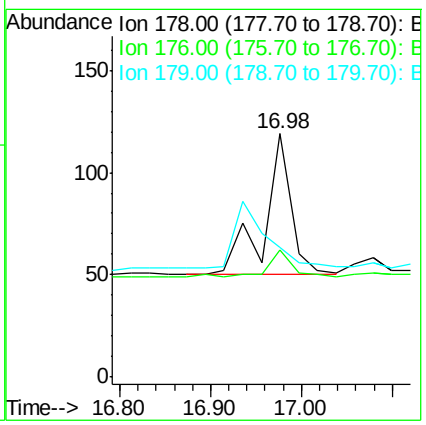


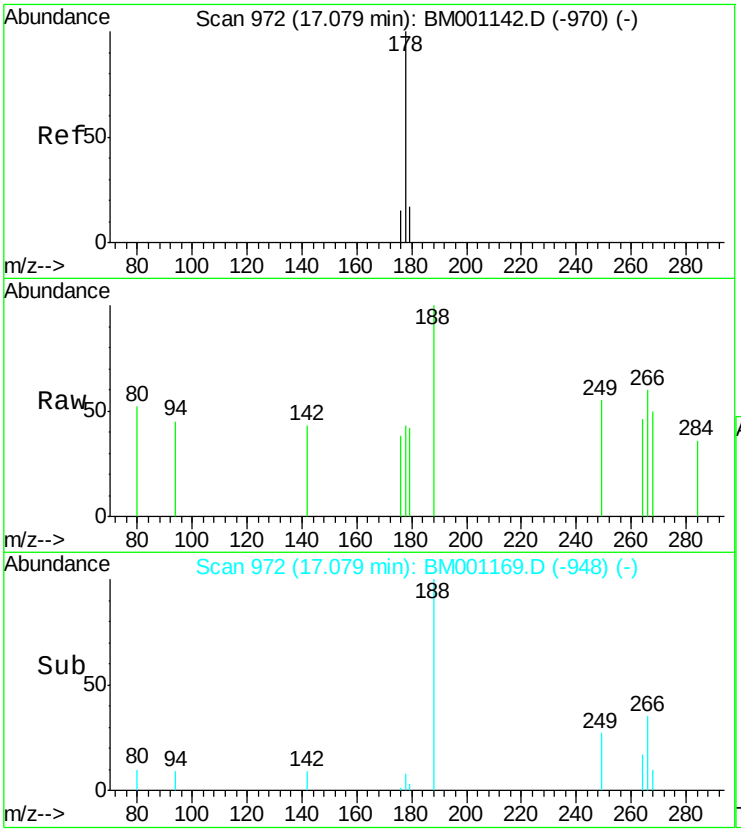


#21
Phenanthrene
Concen: 0.01 ng
RT: 16.98 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:178 Resp: 142

Ion	Ratio	Lower	Upper
178	100		
176	16.2	15.5	23.3
179	0.0	12.0	18.0#



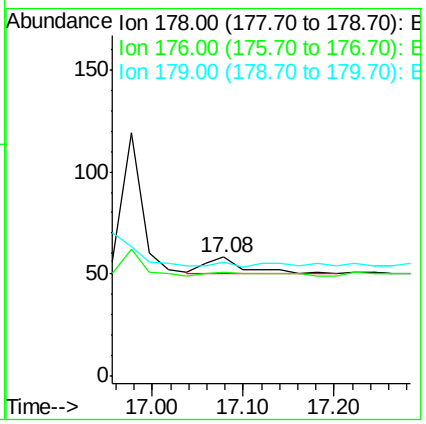


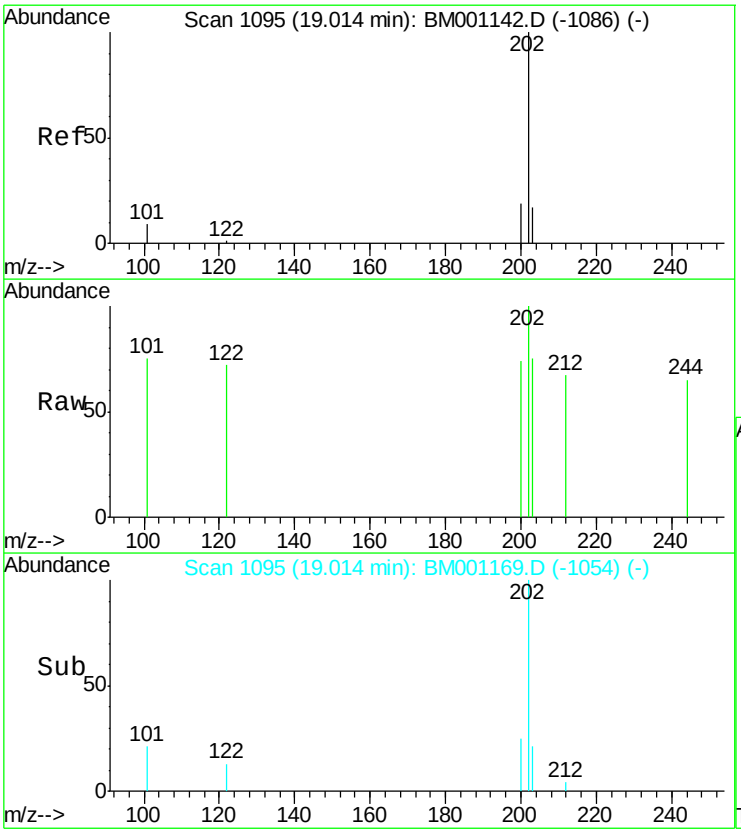
#22
Anthracene
Concen: 0.00 ng
RT: 17.08 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:178 Resp: 25

Ion	Ratio	Lower	Upper
178	100		
176	36.0	14.3	21.5#
179	0.0	12.2	18.2#

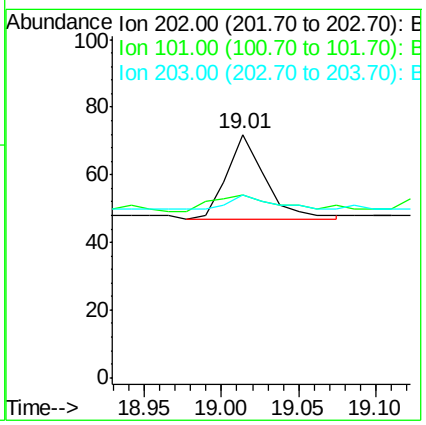


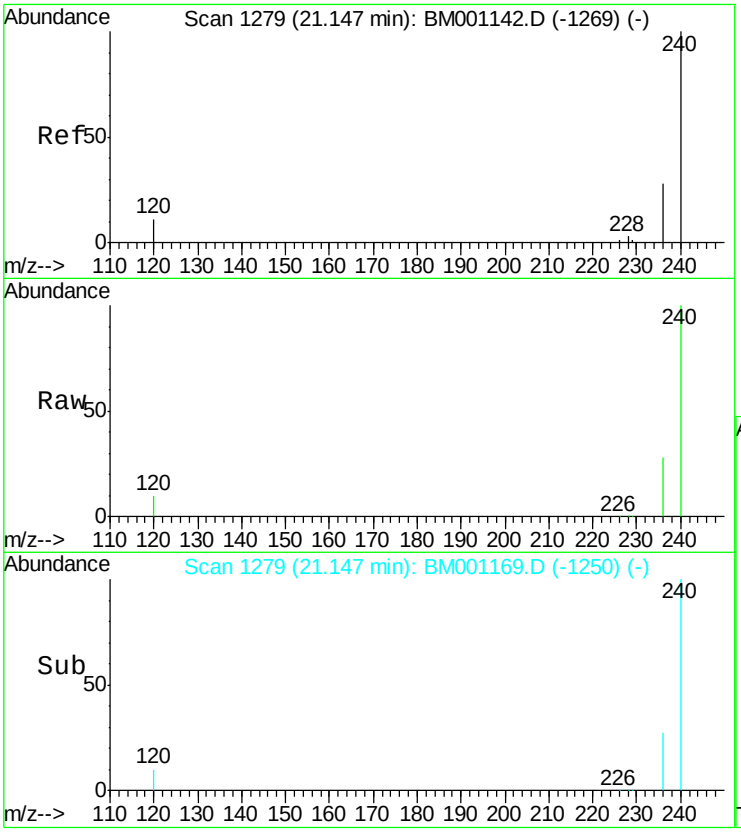


#23
Fluoranthene
Concen: 0.00 ng
RT: 19.01 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:202 Resp: 43

Ion	Ratio	Lower	Upper
202	100		
101	39.5	9.3	13.9#
203	16.3	13.7	20.5



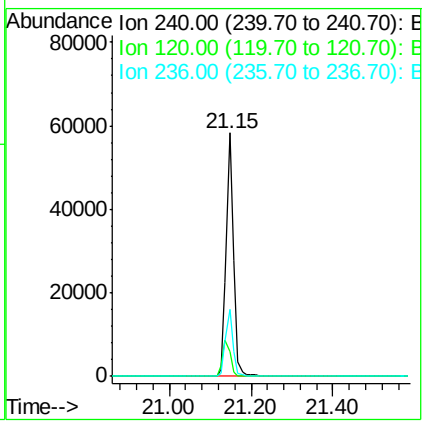


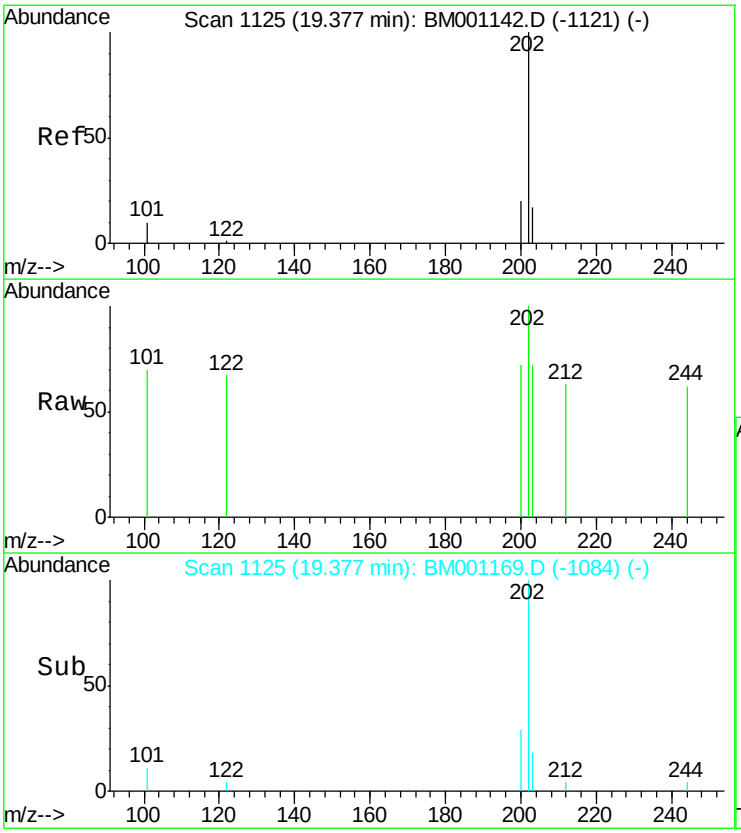
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:240 Resp: 73005

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.2	13.8
236	27.6	22.4	33.6

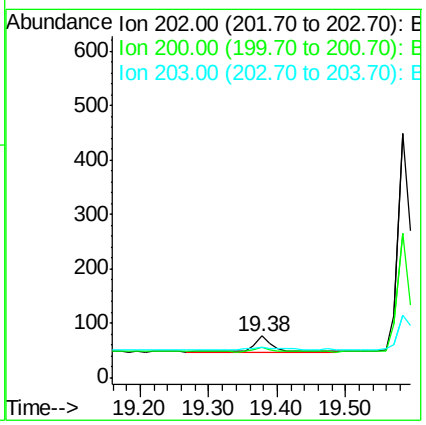


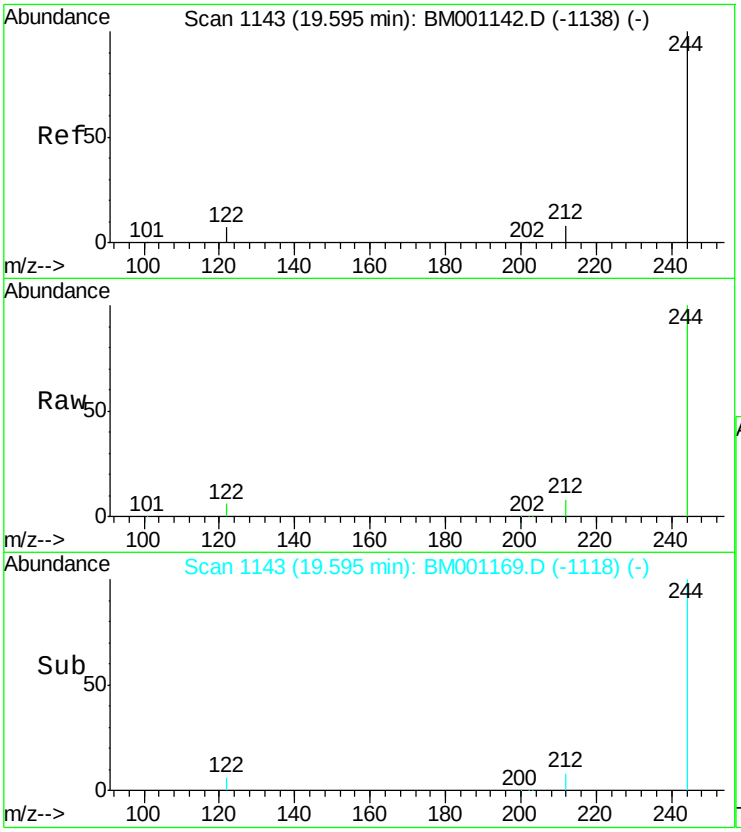


#25
Pyrene
Concen: 0.00 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:202 Resp: 57

Ion	Ratio	Lower	Upper
202	100		
200	26.3	16.4	24.6#
203	31.6	13.8	20.6#



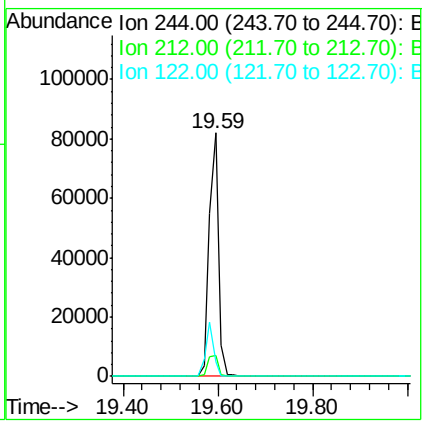


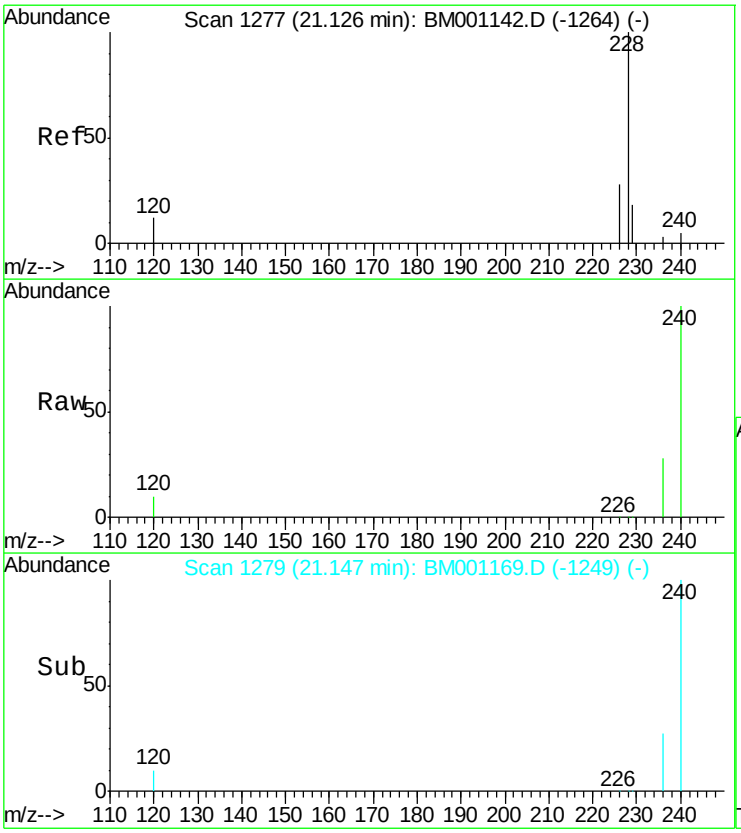
#26
Terphenyl-d14
Concen: 11.06 ng
RT: 19.59 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:244 Resp: 111302

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.1	10.7
122	6.0	6.2	9.4#

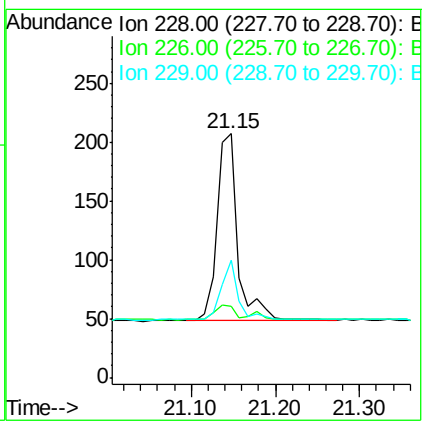


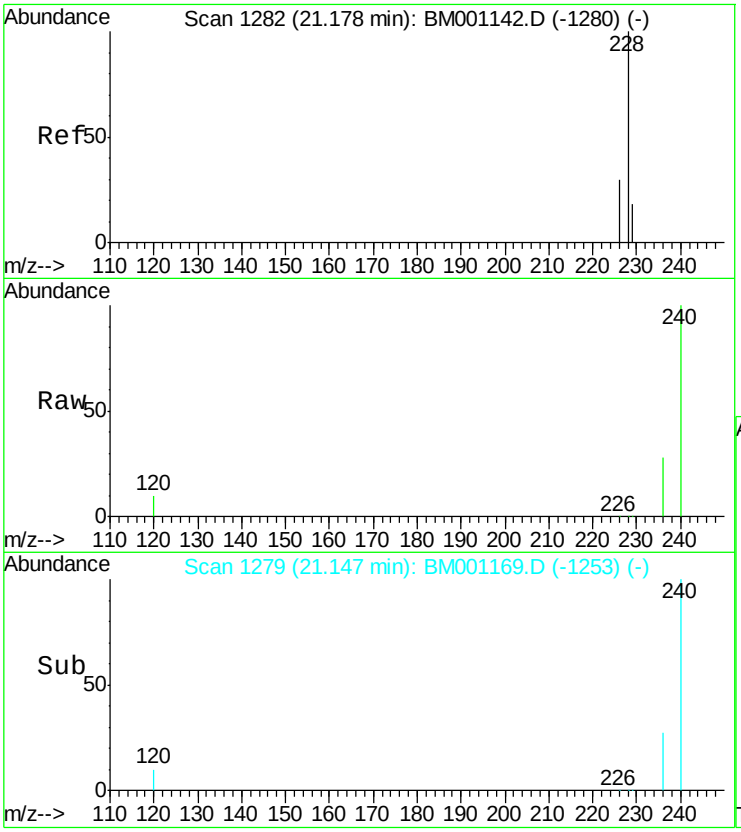


#27
Benzo(a)anthracene
Concen: 0.01 ng
RT: 21.15 min Scan# 1279
Delta R.T. 0.02 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:228 Resp: 275

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.8	34.2
229	48.3	14.4	21.6#



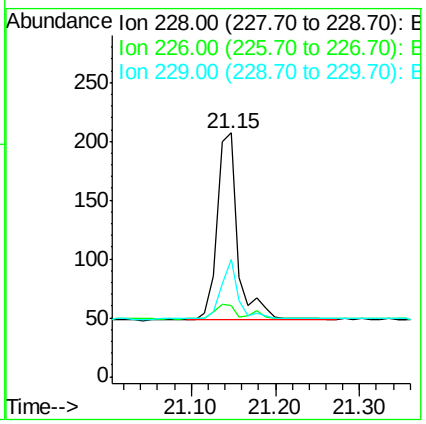


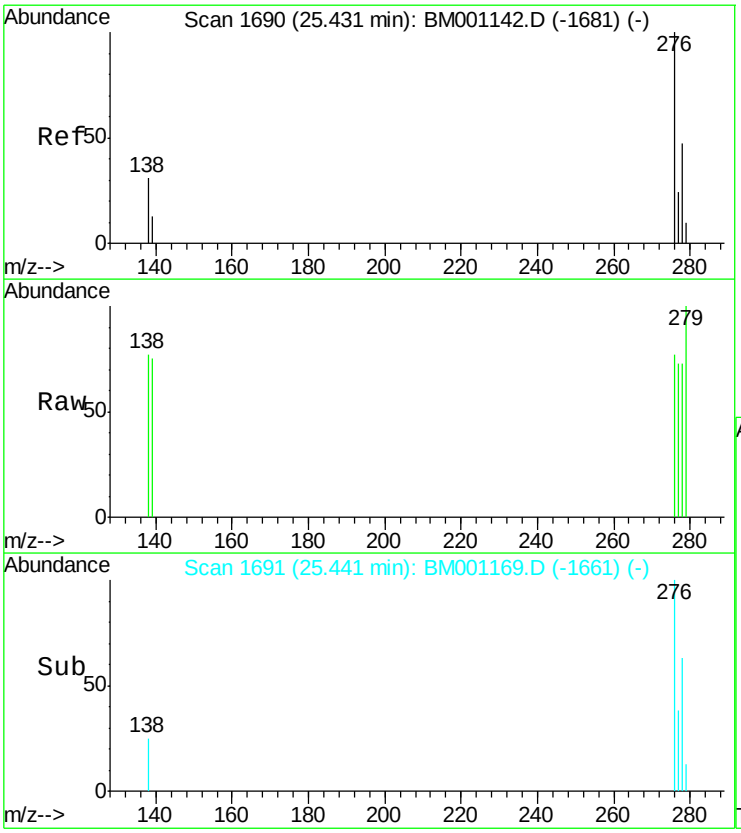
#28
Chrysene
Concen: 0.01 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:228 Resp: 275

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.4	36.6
229	48.3	14.3	21.5#

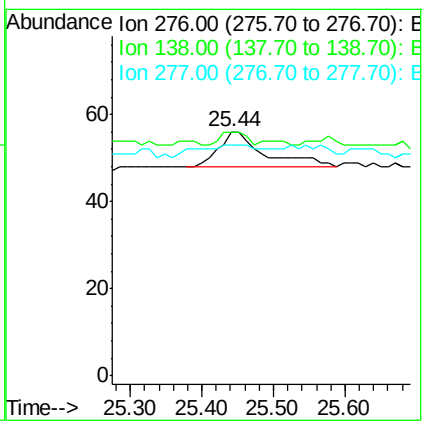


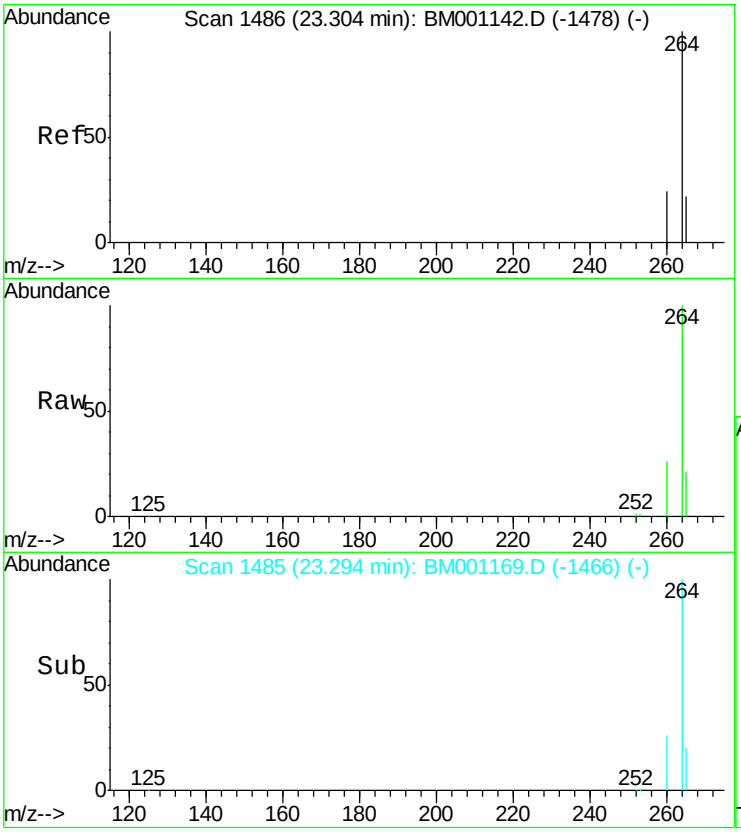


#29
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 25.44 min Scan# 1691
Delta R.T. 0.01 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:276 Resp: 36

Ion	Ratio	Lower	Upper
276	100		
138	22.2	24.2	36.4#
277	8.3	19.8	29.6#



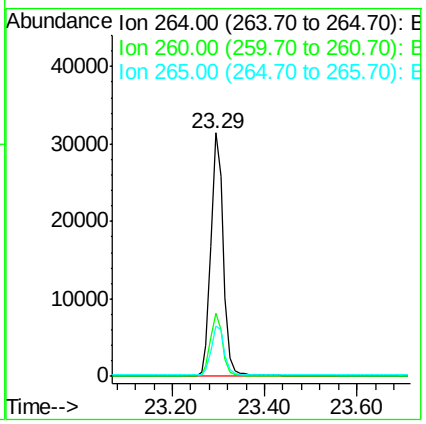


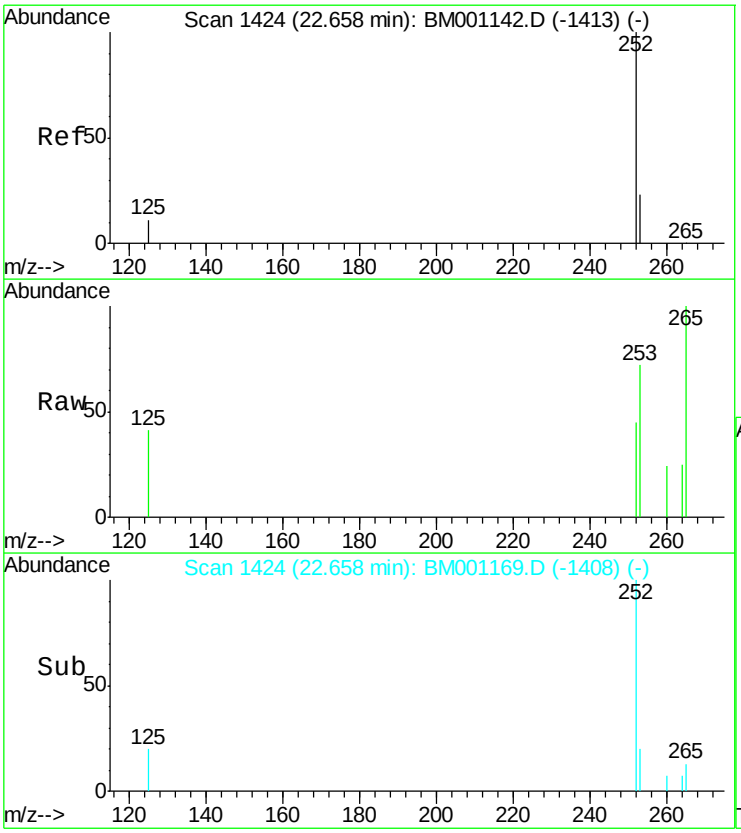
#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:264 Resp: 58720

Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.9	28.3
265	20.7	18.1	27.1

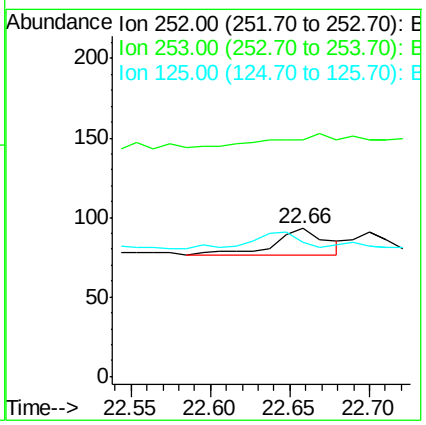


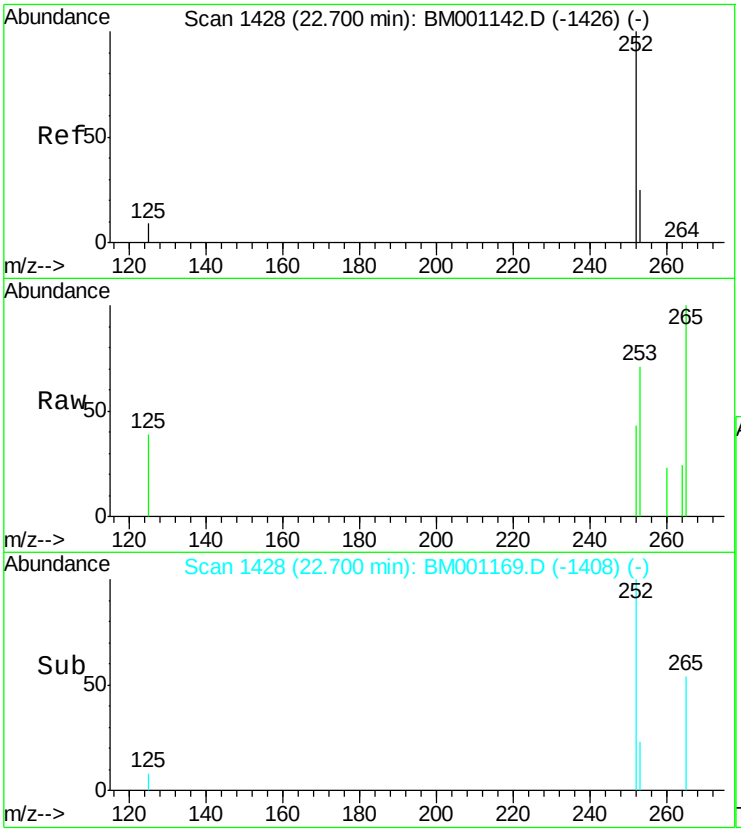


#31
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 22.66 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:252 Resp: 40

Ion	Ratio	Lower	Upper
252	100		
253	160.2	19.0	28.4#
125	90.3	9.1	13.7#



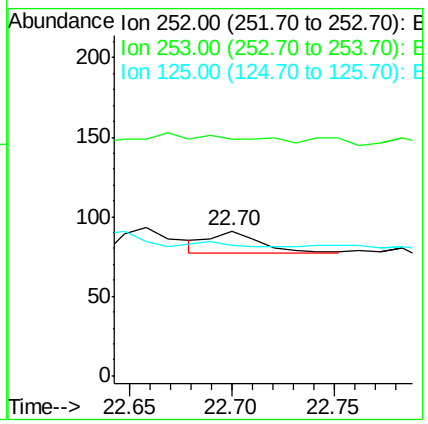


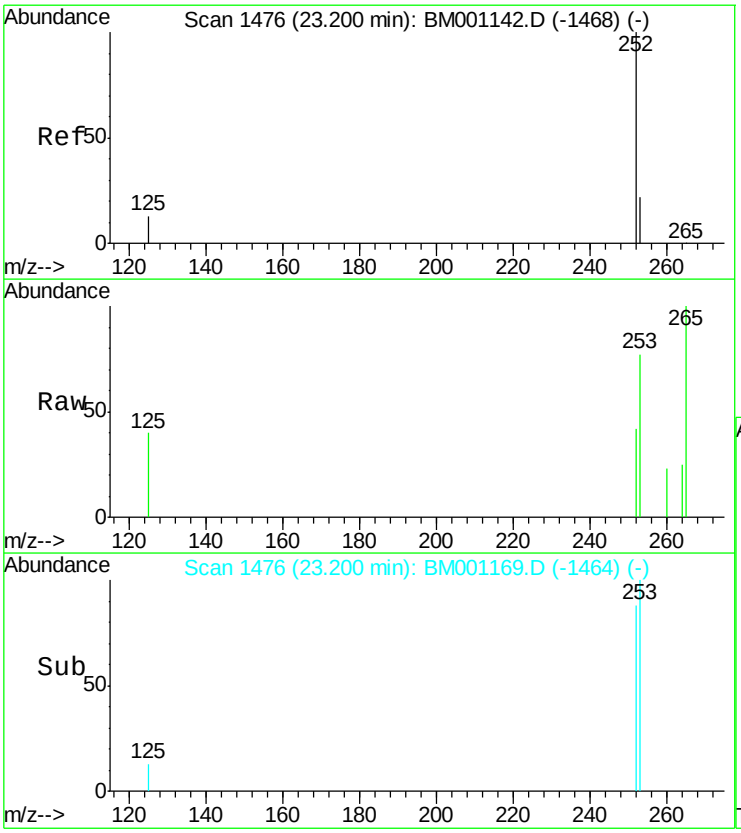
#32
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 22.70 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:252 Resp: 24

Ion	Ratio	Lower	Upper
252	100		
253	163.7	19.1	28.7#
125	90.1	9.3	13.9#

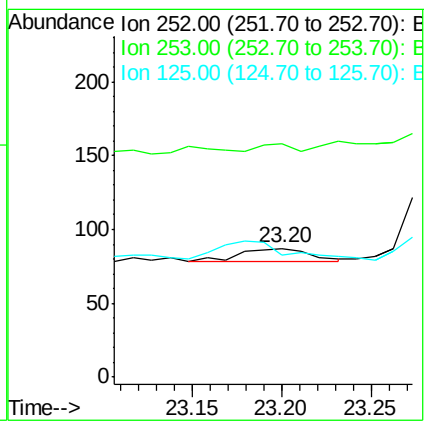


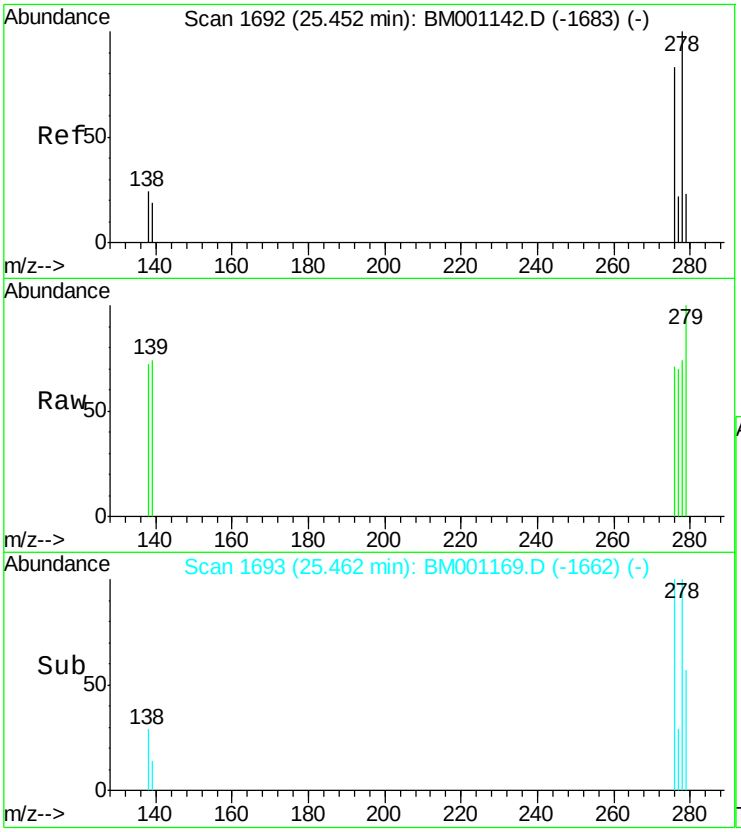


#33
Benzo(a)pyrene
Concen: 0.00 ng
RT: 23.20 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:252 Resp: 25

Ion	Ratio	Lower	Upper
252	100		
253	181.6	18.2	27.2#
125	95.4	10.6	16.0#



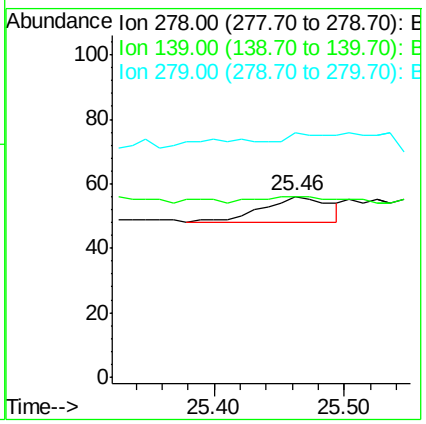


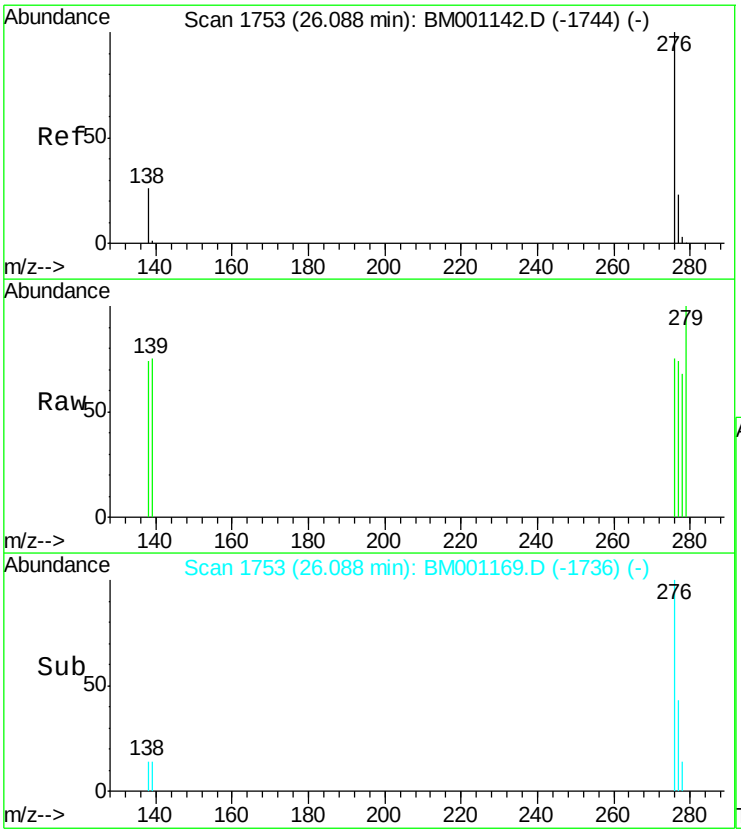
#34
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 25.46 min Scan# 1693
Delta R.T. 0.02 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Instrument :
BNA_M
ClientSampleId :
FB-042815

Tgt Ion:278 Resp: 29

Ion	Ratio	Lower	Upper
278	100		
139	100.0	15.5	23.3#
279	135.7	19.7	29.5#





#35
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 26.09 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM001169.D
Acq: 02 May 2015 15:14

Tgt Ion:276 Resp: 32

Ion	Ratio	Lower	Upper
276	100		
277	98.2	19.0	28.4#
138	98.2	21.3	31.9#