Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110515\
Data File : BM003067.D
Acq On : 05 Nov 2015 16:57
Operator : UM/IZ
Sample : G4259-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FB-01-110315

Quant Time: Nov 17 13:07:15 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 12:50:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	91900	5.00	ng		0.00
7) Naphthalene-d8	10.55	136	375566	5.00	ng		0.00
13) Acenaphthene-d10	14.39	164	196964	5.00	ng		0.00
19) Phenanthrene-d10	17.14	188	483382	5.00	ng		0.00
26) Chrysene-d12	21.33	240	360184	5.00	ng		0.00
35) Perylene-d12	23.60	264	272218	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	109190	5.61	ng		0.00
5) Phenol-d6	6.92	99	79335	3.50	ng		0.00
8) Nitrobenzene-d5	8.92	82	144722	8.36	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	95275	18.68	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	471043	7.59	ng		0.00
29) Terphenyl-d14	19.77	244	456628	8.80	ng		0.00
Target Compounds							Qvalue
10) Naphthalene	10.60	128	13373	0.17	ng		98
22) Pentachlorophenol	16.81	266	294	0.22	ng	#	78
28) Pyrene	19.57	202	3018	0.03	ng		97
30) Benzo(a)anthracene	21.31	228	8761	0.12	ng	#	89
33) Bis(2-ethylhexyl)phthalate	21.25	149	5146	0.36	ng	#	93
34) Indeno(1,2,3-cd)pyrene	25.89	276	5314	0.11	ng	#	85
36) Benzo(b)fluoranthene	22.91	252	7637	0.06	ng	#	82
37) Benzo(k)fluoranthene	22.96	252	6620	0.05	ng	#	80
38) Benzo(a)pyrene	23.50	252	4597	0.07	ng	#	65
39) Dibenzo(a,h)anthracene	25.90	278	4175	0.06	ng	#	82
40) Benzo(g,h,i)perylene	26.58	276	5002	0.07	ng	#	90

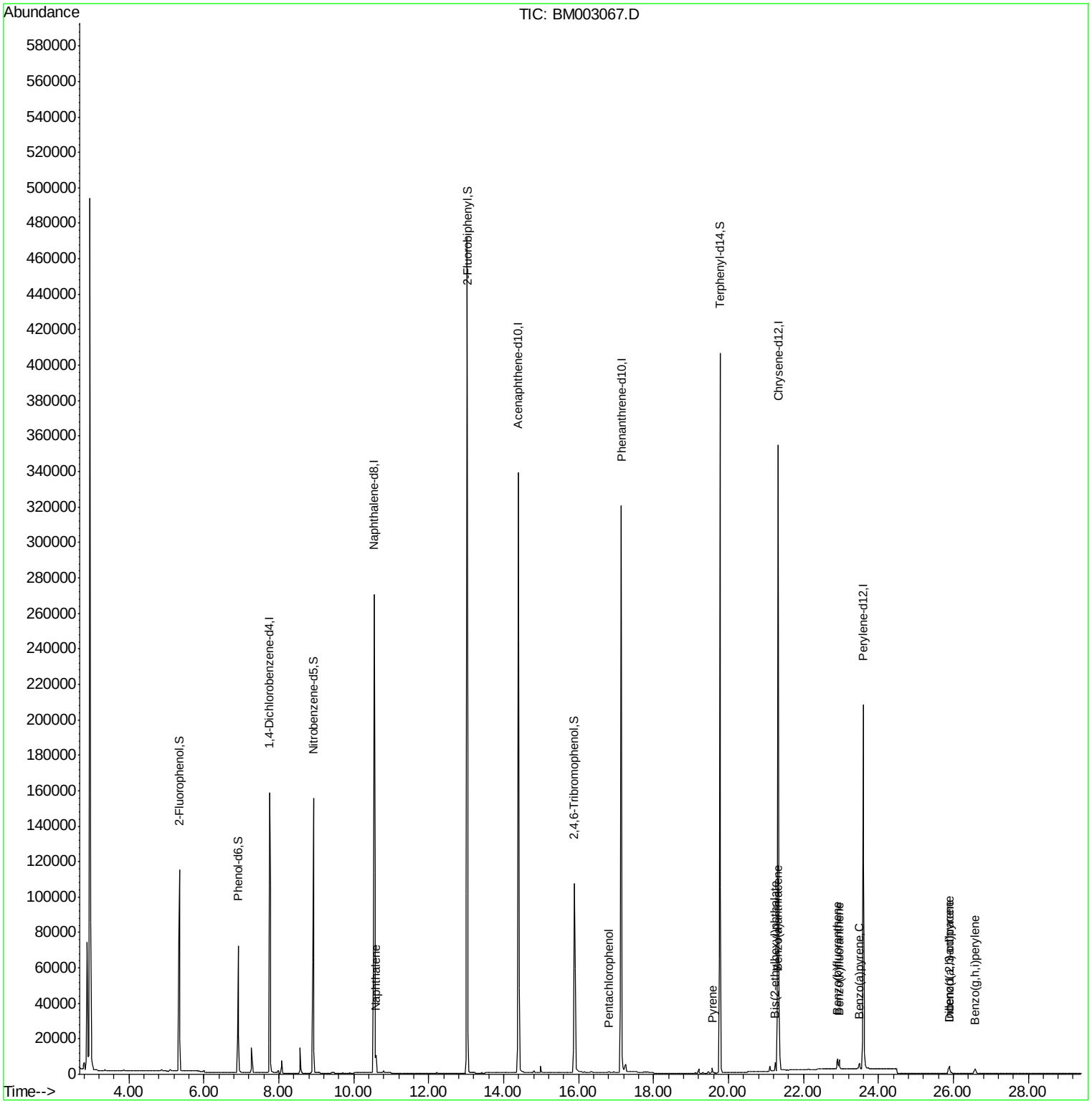
(#) = qualifier out of range (m) = manual integration (+) = signals summed

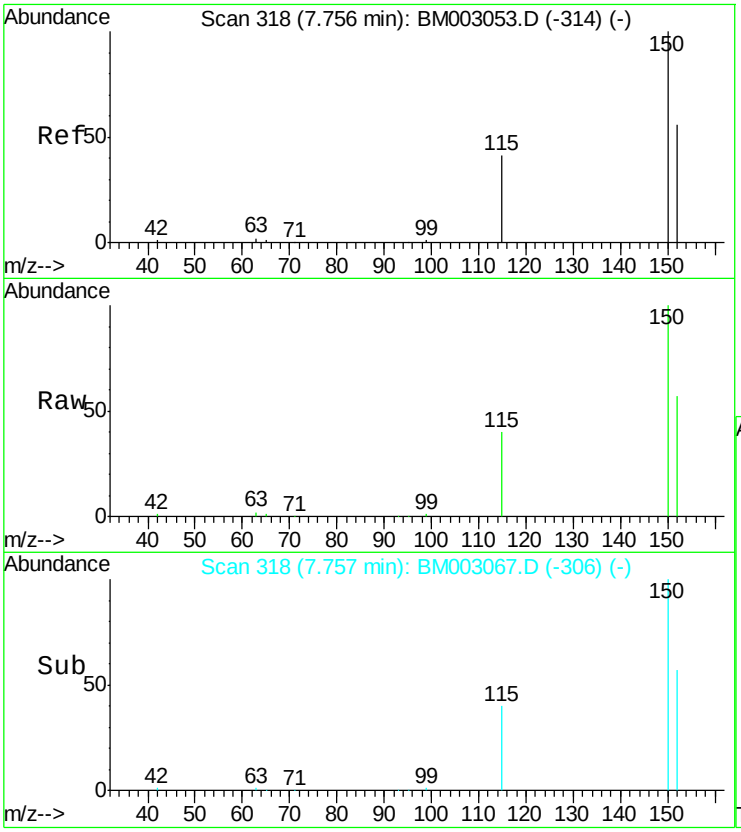
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110515\
Data File : BM003067.D
Acq On : 05 Nov 2015 16:57
Operator : UM/IZ
Sample : G4259-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FB-01-110315

Quant Time: Nov 17 13:07:15 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 12:50:51 2015
Response via : Initial Calibration



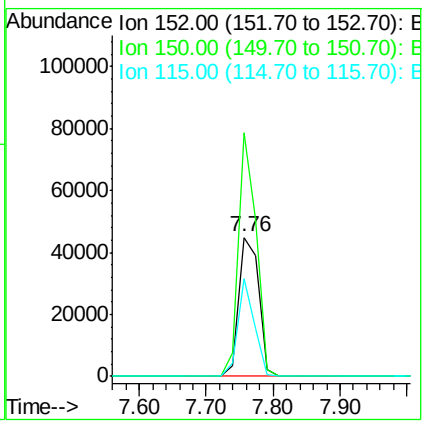


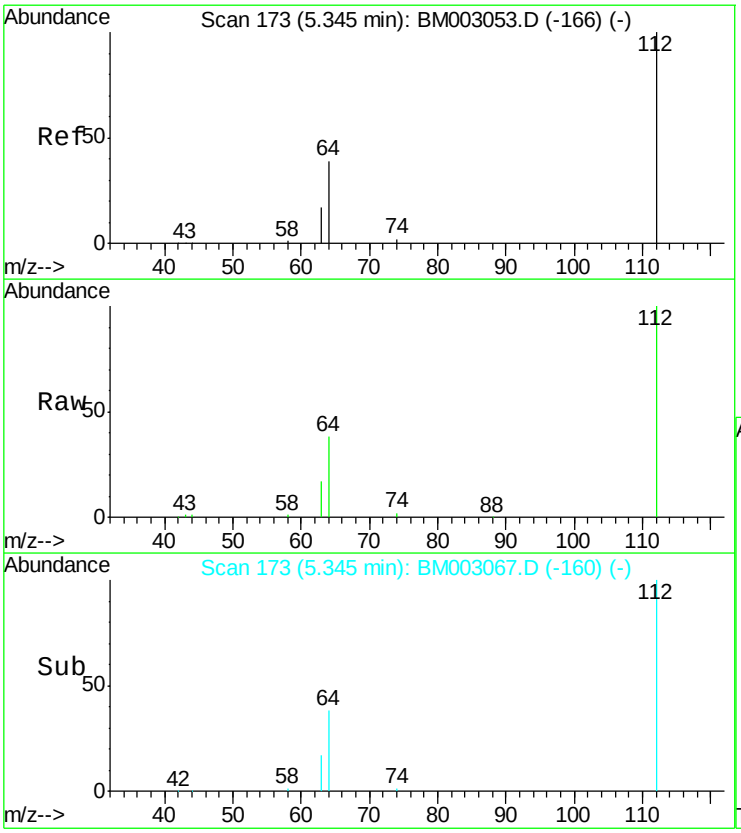
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.76 min Scan# 318
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:152 Resp: 91900

Ion	Ratio	Lower	Upper
152	100		
150	175.0	143.6	215.4
115	70.2	58.5	87.7

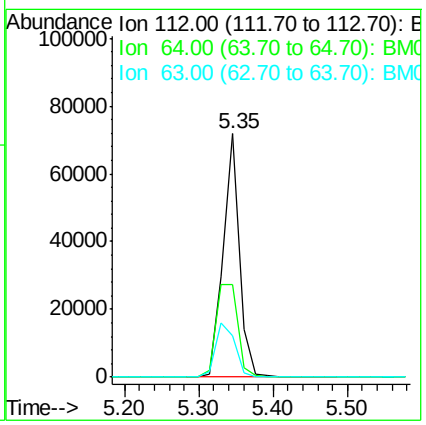


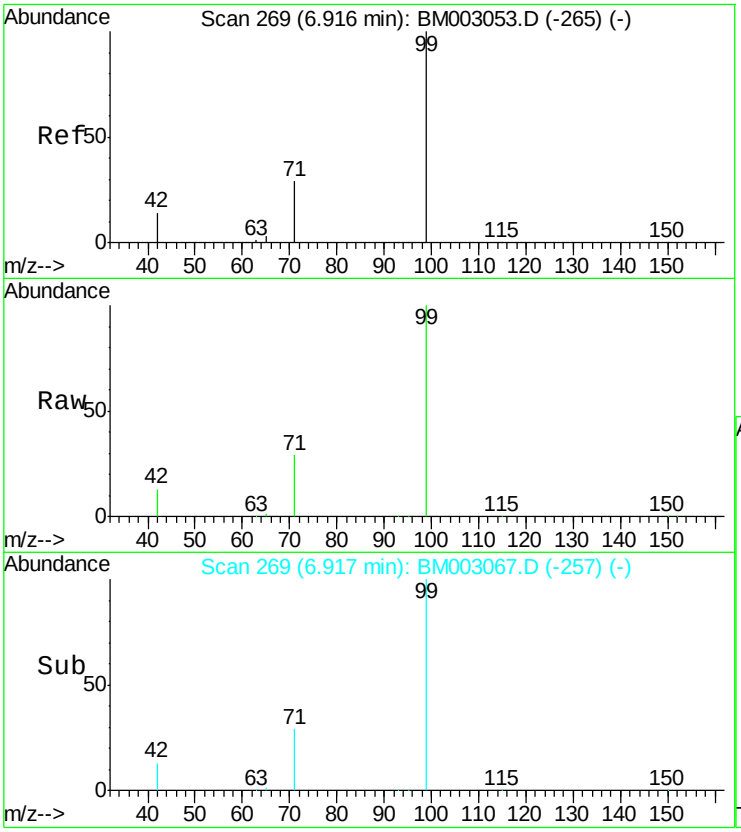


#4
2-Fluorophenol
Concen: 5.61 ng
RT: 5.35 min Scan# 173
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:112 Resp: 109190

Ion	Ratio	Lower	Upper
112	100		
64	50.8	41.2	61.8
63	26.3	21.2	31.8



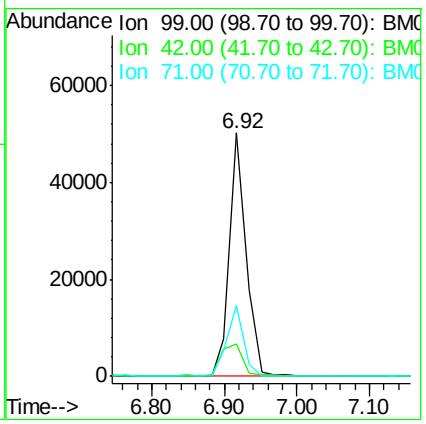


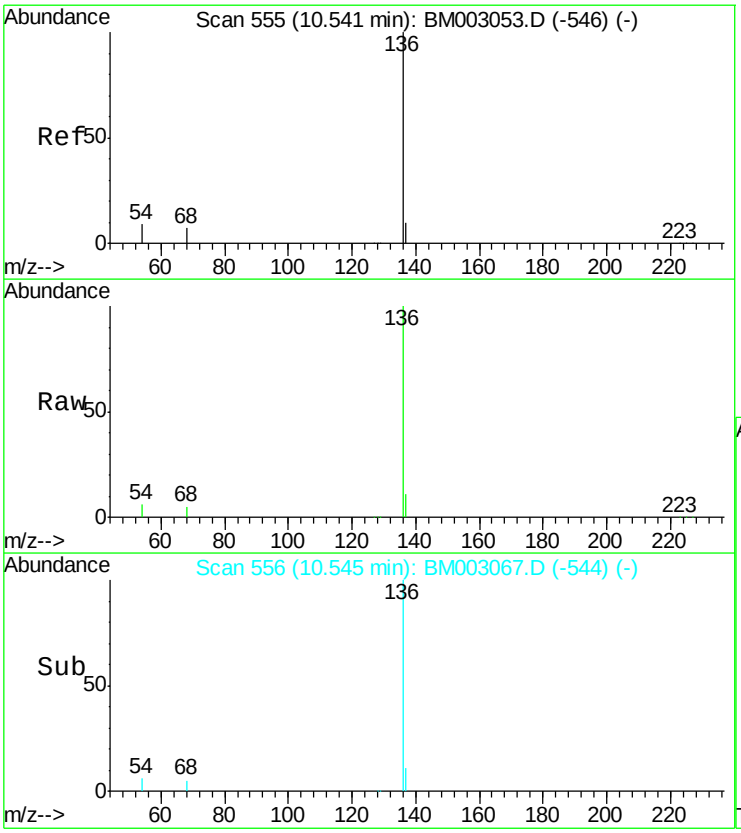
#5
Phenol-d6
Concen: 3.50 ng
RT: 6.92 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion: 99 Resp: 79335

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	22.0
71	29.1	23.3	34.9

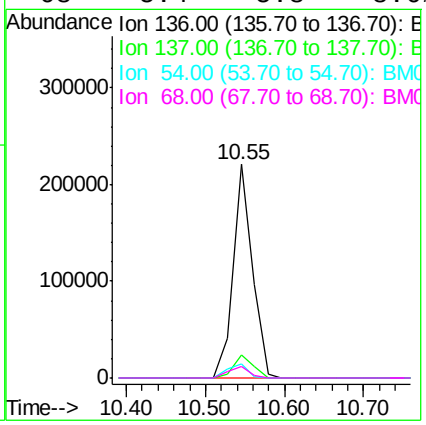


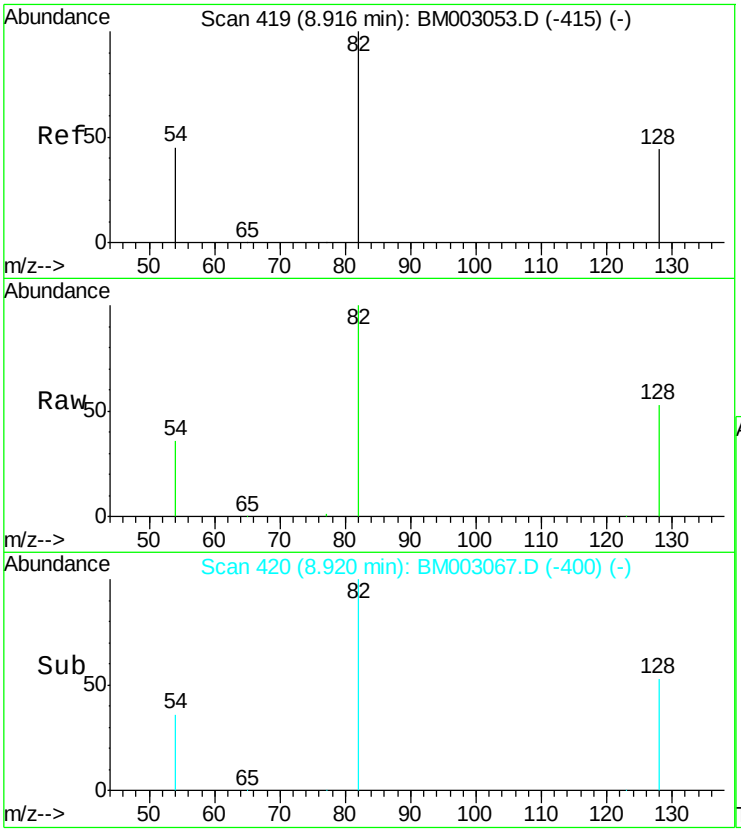


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:136 Resp: 375566

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.0	12.0
54	6.4	7.4	11.0#
68	5.4	5.8	8.6#



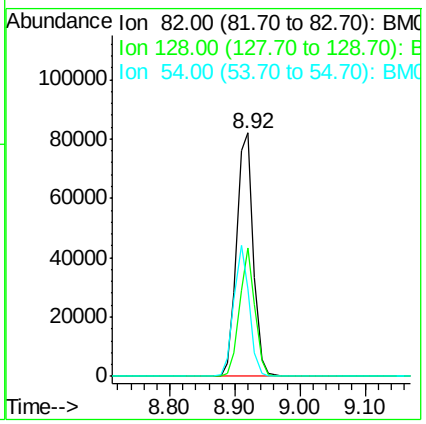


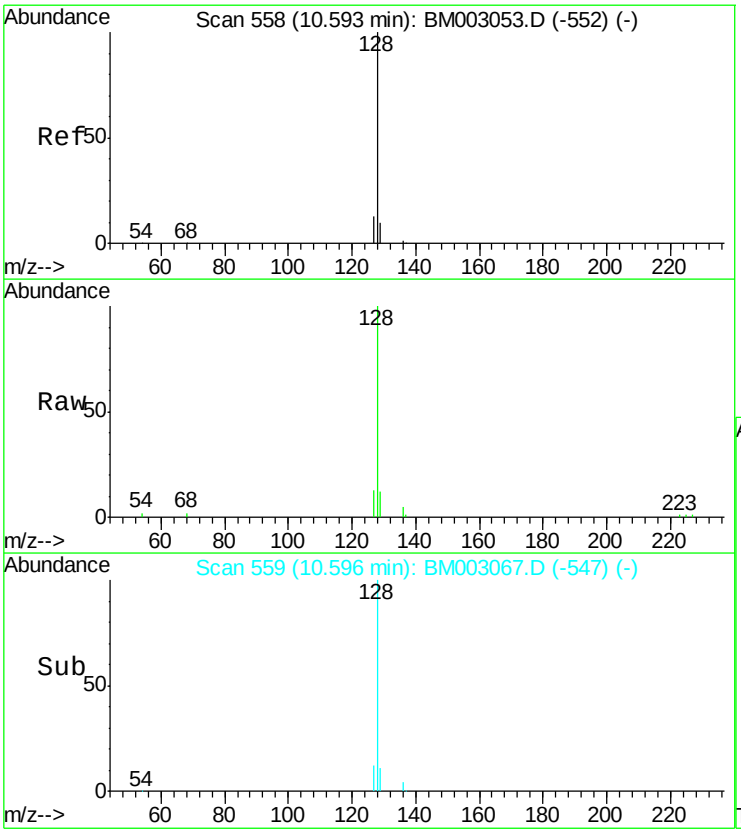
#8
Nitrobenzene-d5
Concen: 8.36 ng
RT: 8.92 min Scan# 420
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion: 82 Resp: 144722

Ion	Ratio	Lower	Upper
82	100		
128	52.9	35.2	52.8#
54	36.2	36.4	54.6#

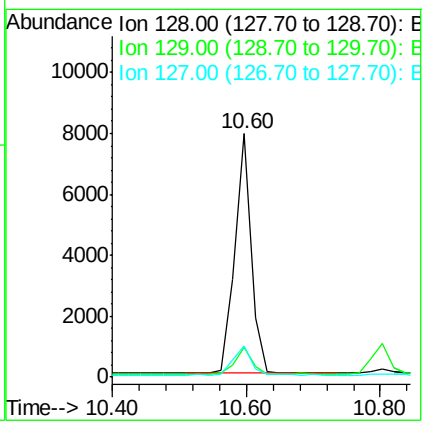


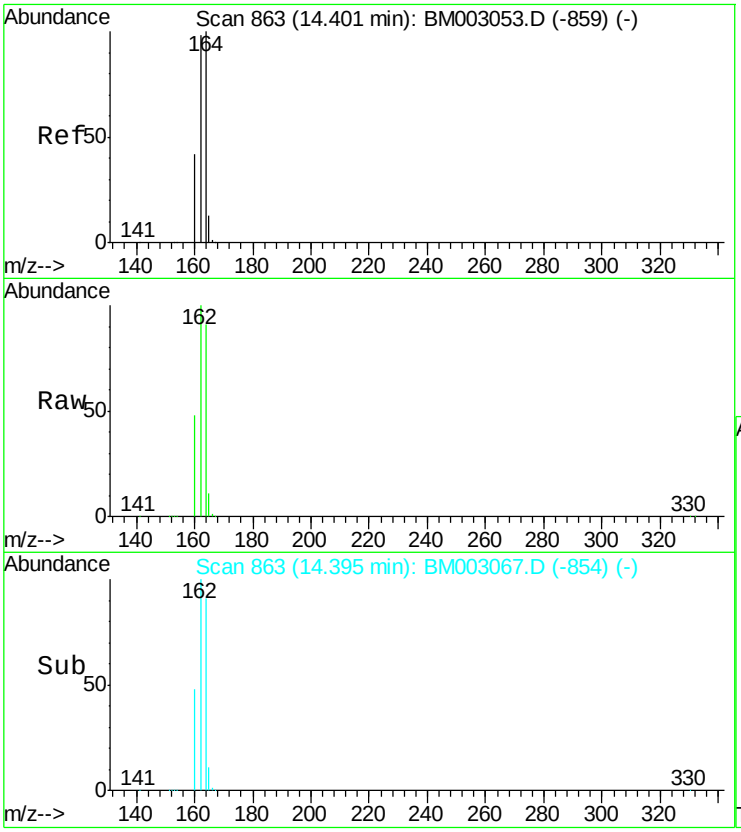


#10
Naphthalene
Concen: 0.17 ng
RT: 10.60 min Scan# 559
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:128 Resp: 13373

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.5	12.7
127	13.0	10.6	16.0



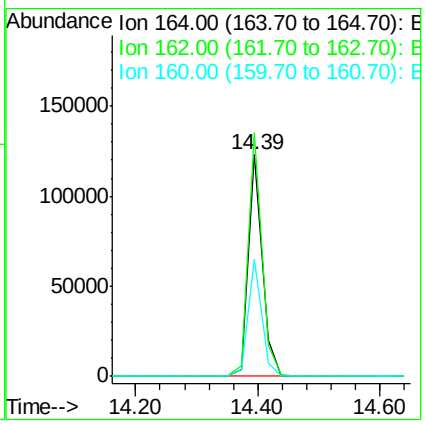


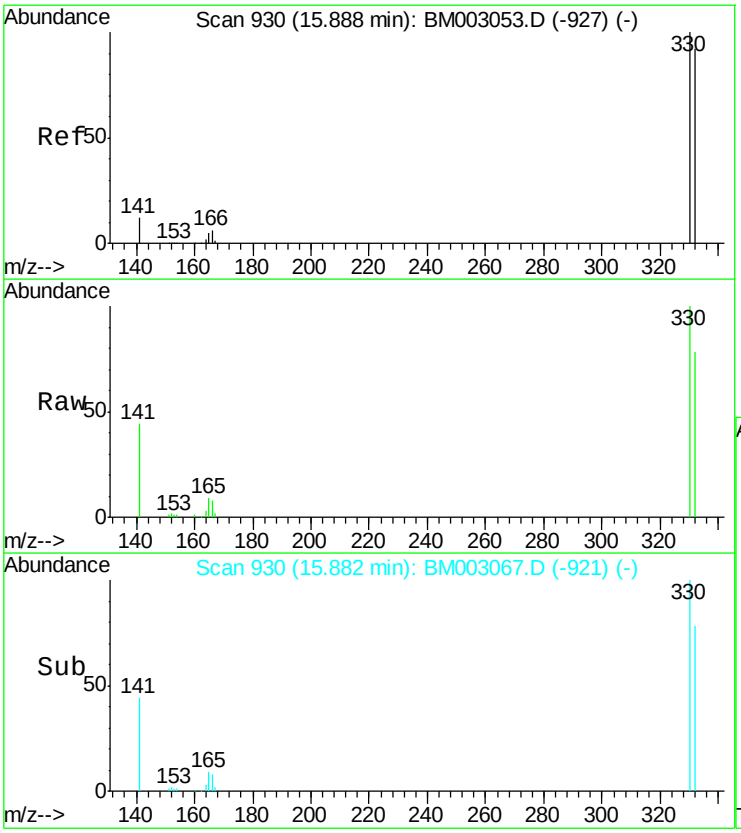
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.39 min Scan# 863
Delta R.T. -0.01 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:164 Resp: 196964

Ion	Ratio	Lower	Upper
164	100		
162	109.9	78.3	117.5
160	52.5	33.8	50.6#

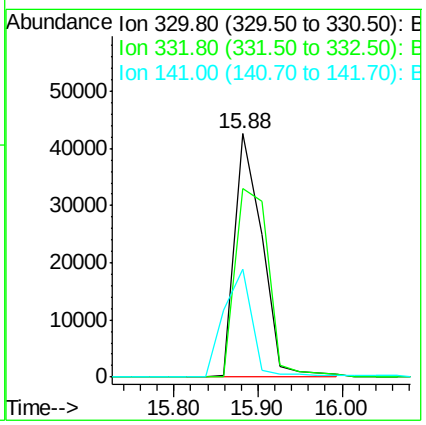


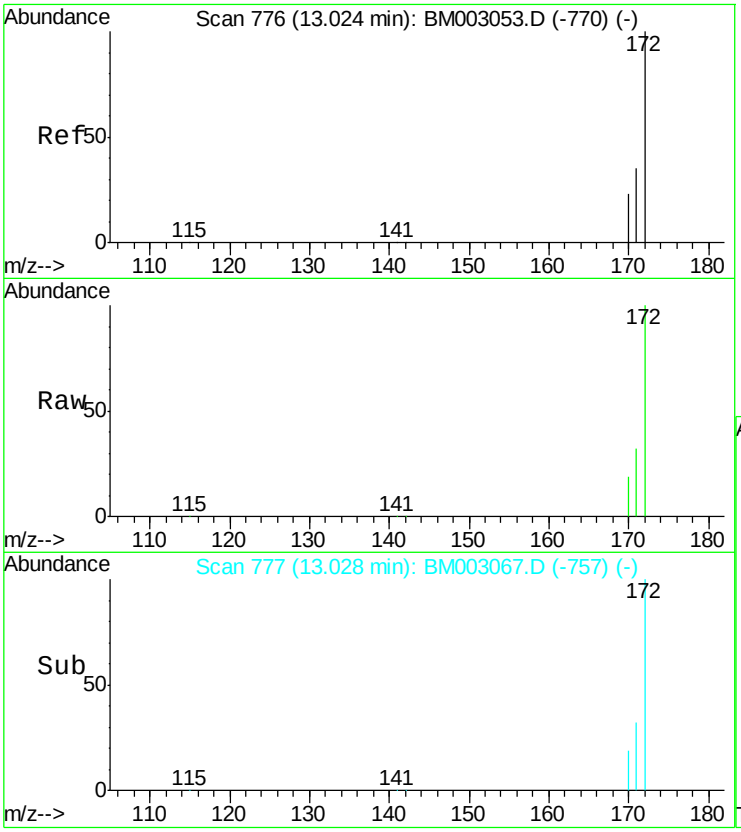


#14
2,4,6-Tribromophenol
Concen: 18.68 ng
RT: 15.88 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:330 Resp: 95275

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.0	114.0
141	45.8	0.0	0.0#



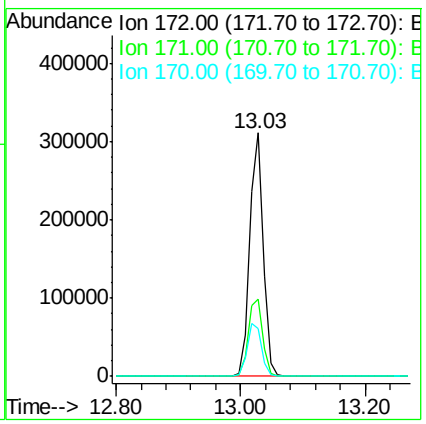


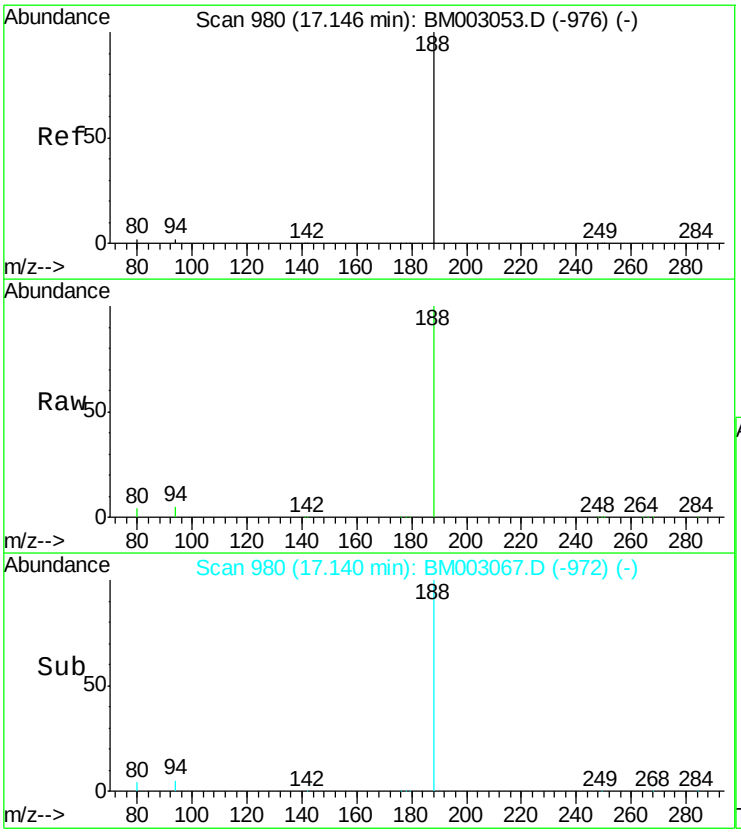
#15
2-Fluorobiphenyl
Concen: 7.59 ng
RT: 13.03 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:172 Resp: 471043

Ion	Ratio	Lower	Upper
172	100		
171	31.7	28.0	42.0
170	19.5	18.9	28.3

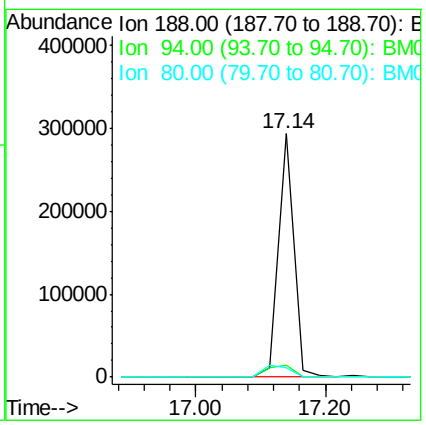


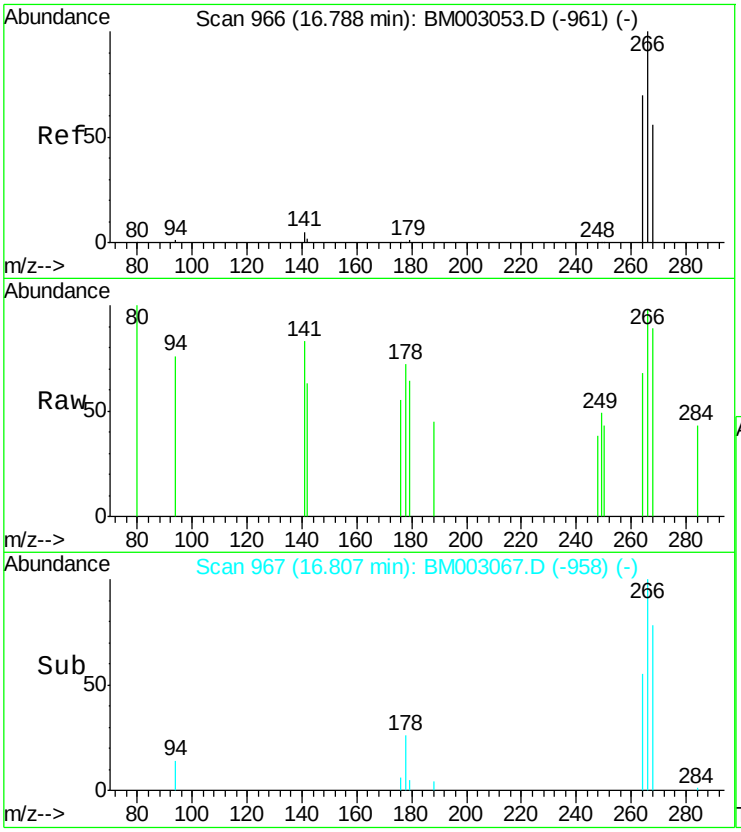


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:188 Resp: 483382

Ion	Ratio	Lower	Upper
188	100		
94	4.7	1.8	2.6#
80	3.9	1.4	2.0#



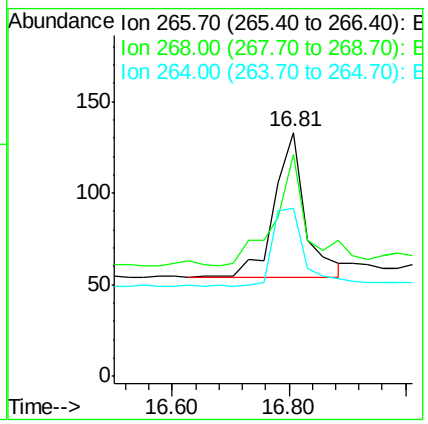


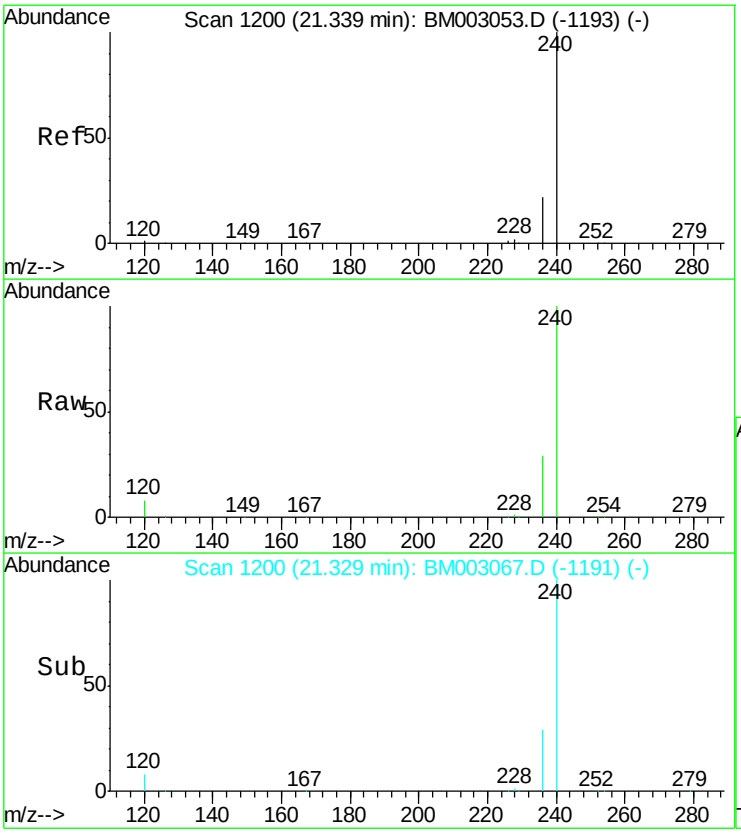
#22
Pentachlorophenol
Concen: 0.22 ng
RT: 16.81 min Scan# 967
Delta R.T. 0.02 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument : BNA_M
ClientSampleId : FB-01-110315

Tgt Ion:266 Resp: 294

Ion	Ratio	Lower	Upper
266	100		
268	91.0	45.8	68.8#
264	69.2	56.7	85.1

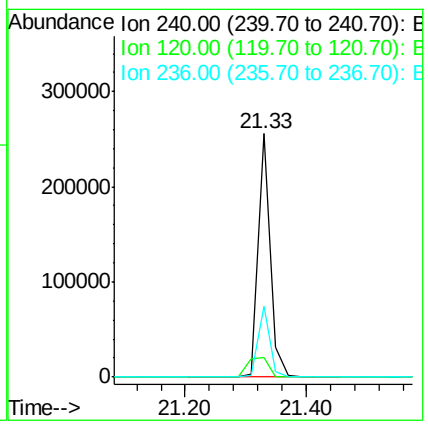


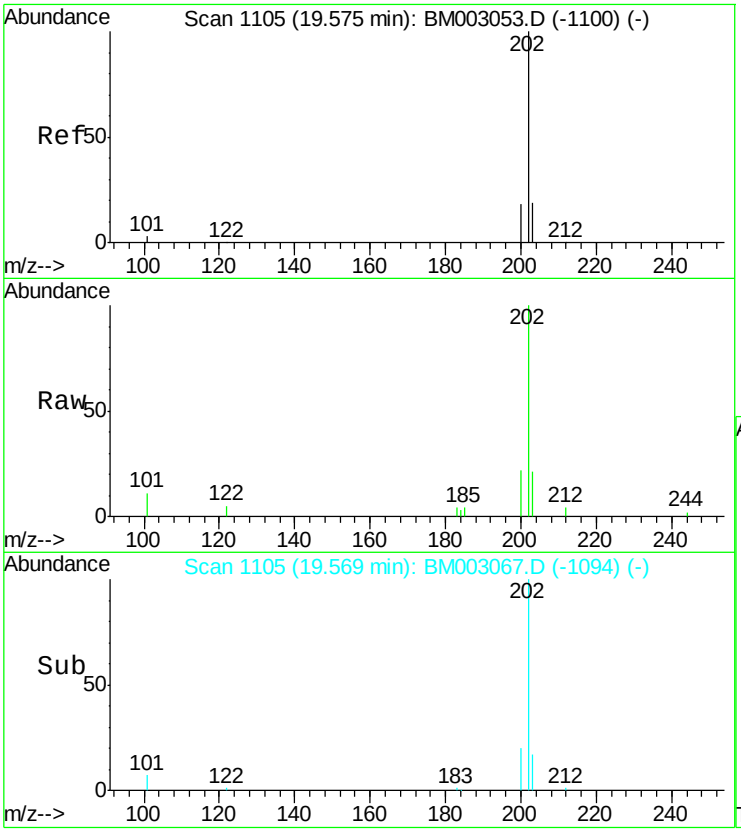


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:240 Resp: 360184

Ion	Ratio	Lower	Upper
240	100		
120	7.9	1.0	1.4#
236	29.1	17.9	26.9#



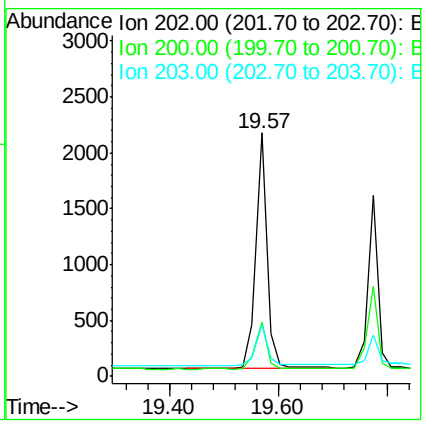


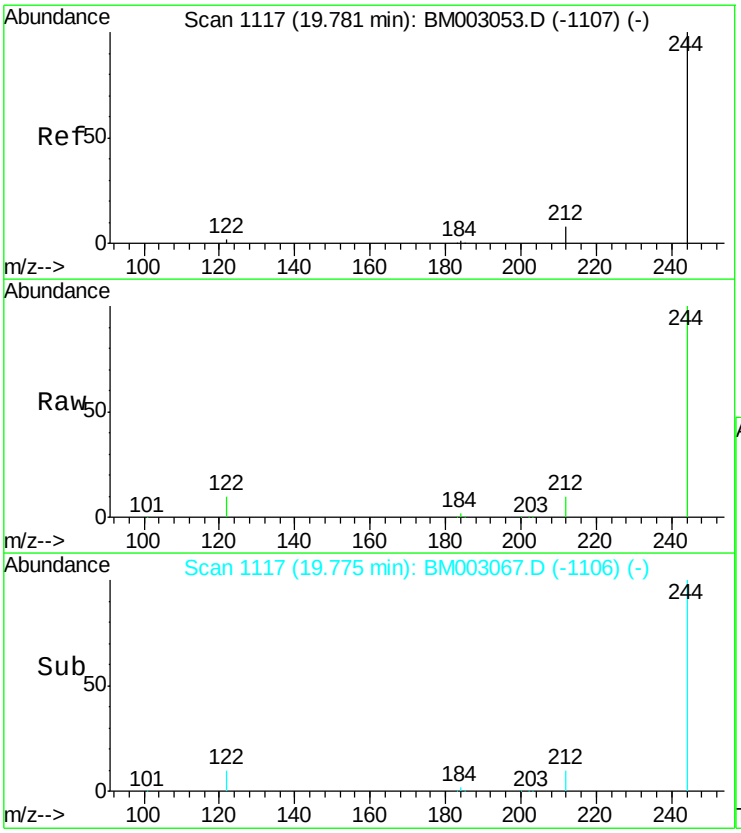
#28
Pyrene
Concen: 0.03 ng
RT: 19.57 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:202 Resp: 3018

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	20.0	13.8	20.6

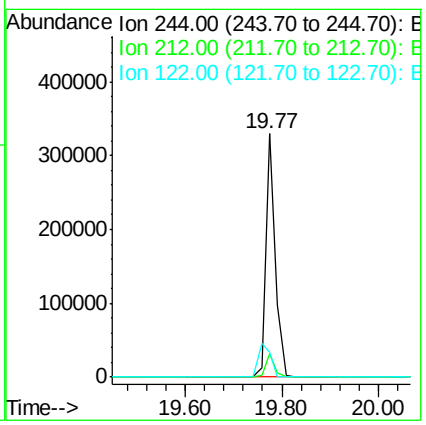


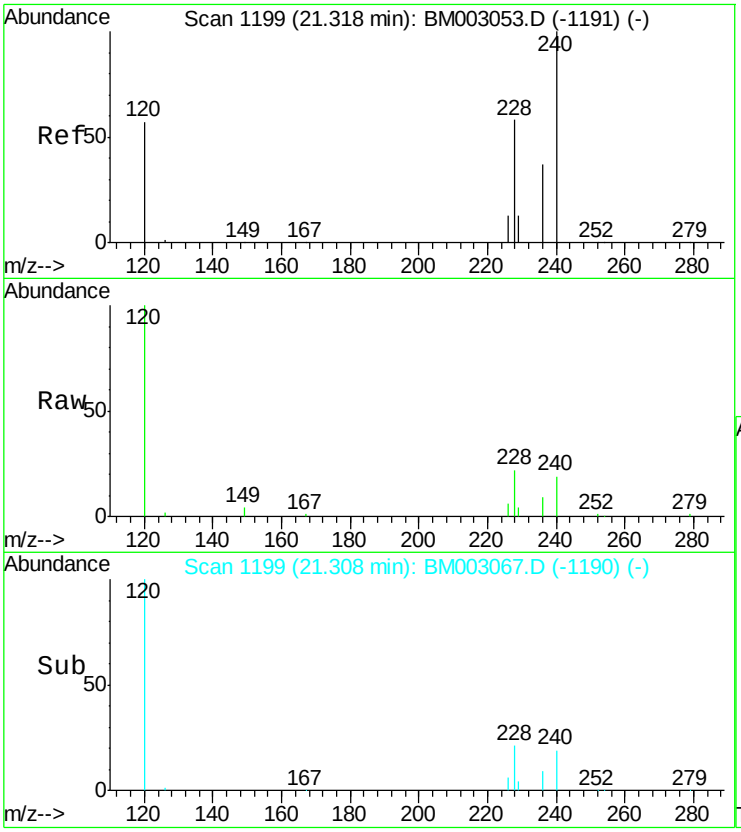


#29
Terphenyl-d14
Concen: 8.80 ng
RT: 19.77 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:244 Resp: 456628

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.5	9.7#
122	10.1	2.0	3.0#



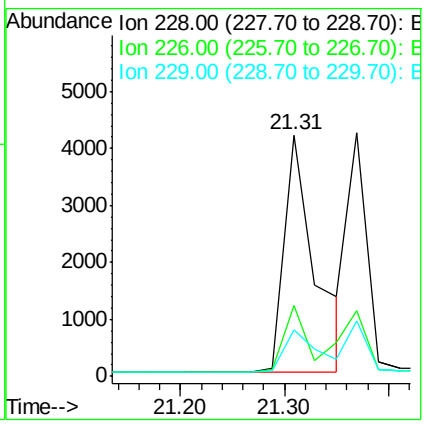


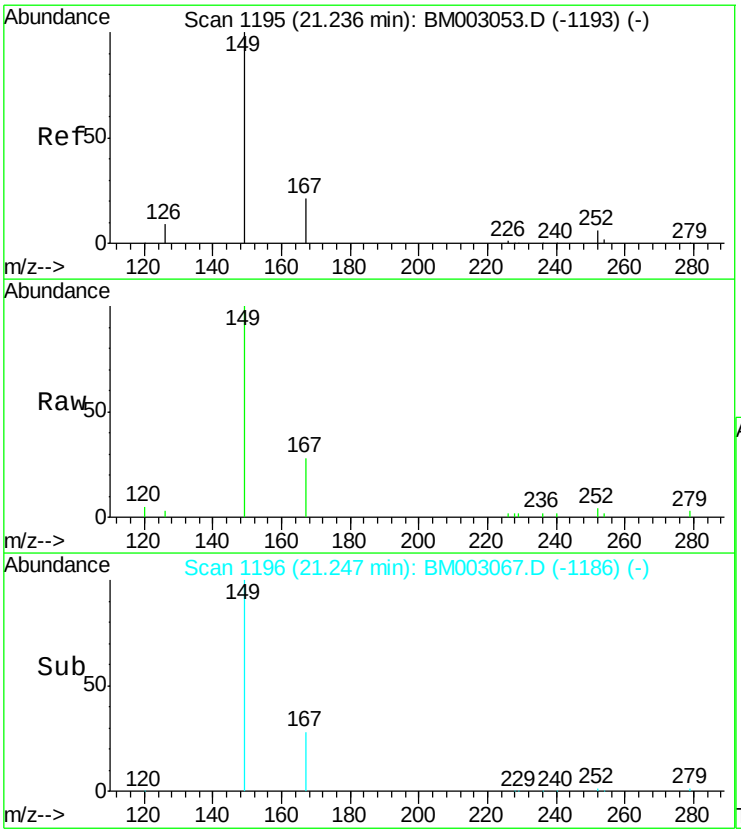
#30
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:228 Resp: 8761

Ion	Ratio	Lower	Upper
228	100		
226	29.6	17.8	26.6#
229	19.3	18.0	27.0

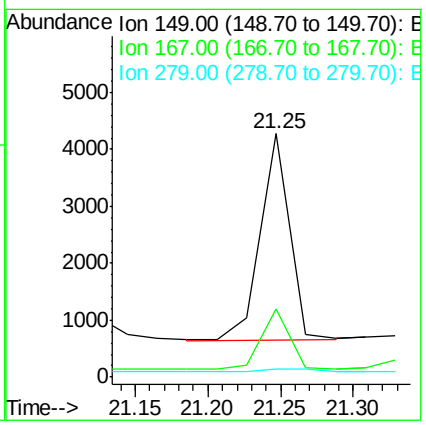


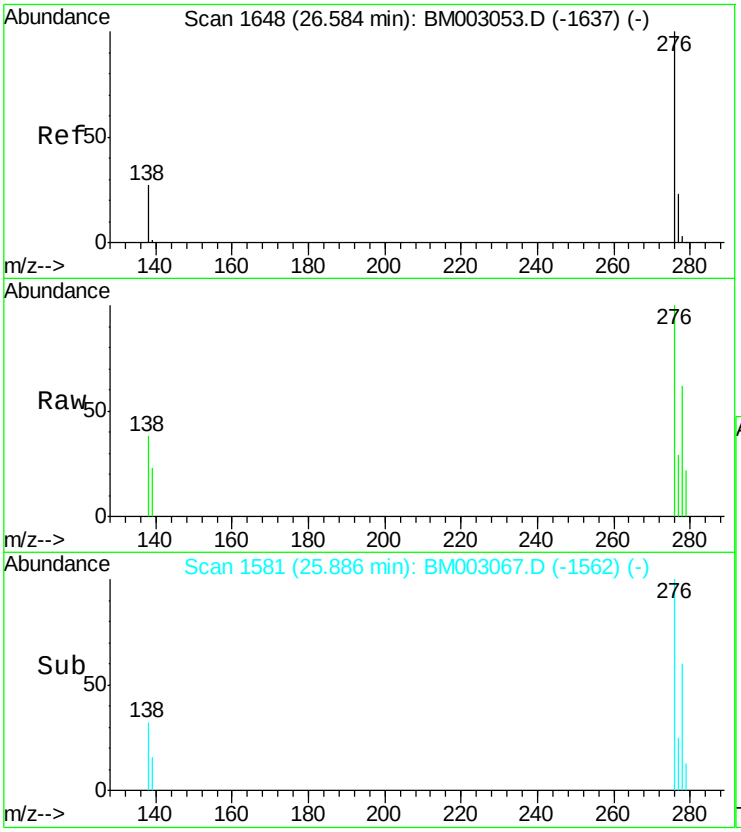


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.36 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:149 Resp: 5146

Ion	Ratio	Lower	Upper
149	100		
167	28.1	19.6	29.4
279	0.0	0.0	0.0



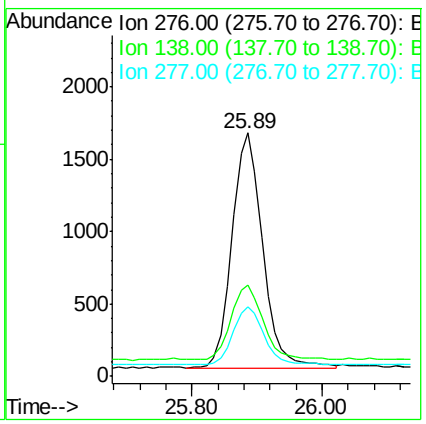


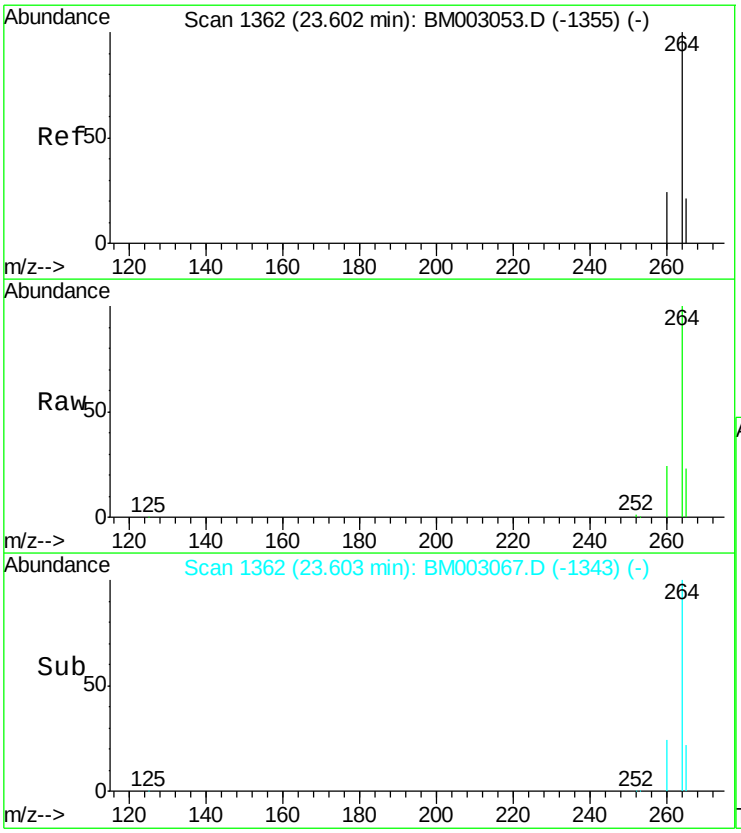
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.89 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:276 Resp: 5314

Ion	Ratio	Lower	Upper
276	100		
138	32.5	19.1	28.7#
277	25.2	15.9	23.9#

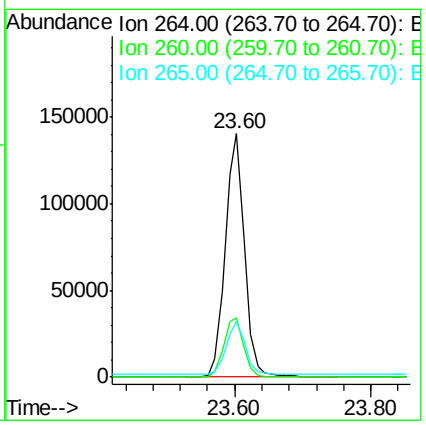


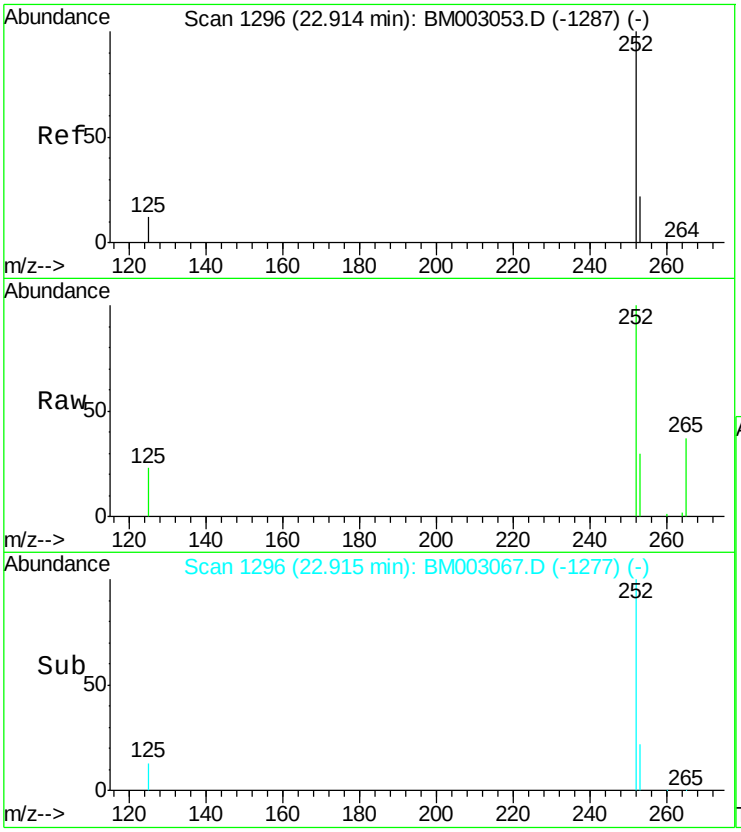


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.60 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:264 Resp: 272218

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.8	18.4	27.6



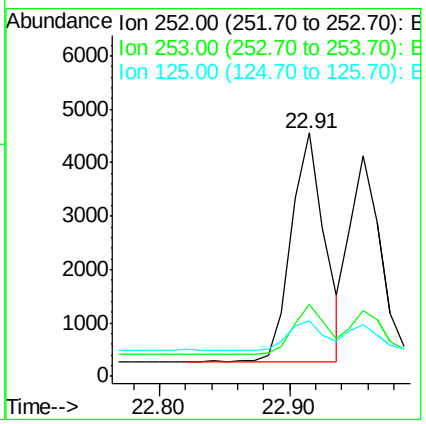


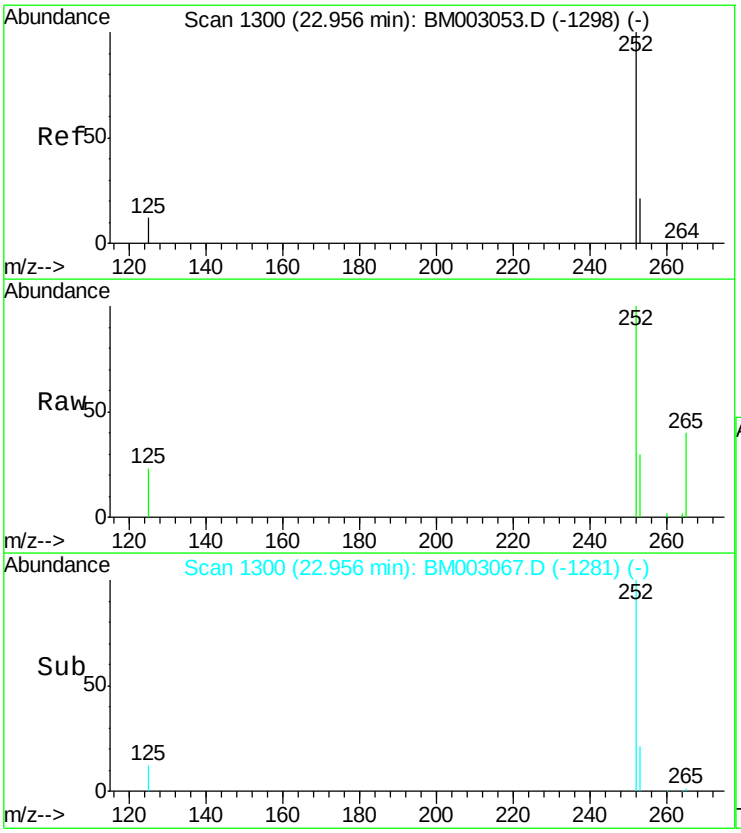
#36
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:252 Resp: 7637

Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.2	27.4#
125	22.7	10.3	15.5#

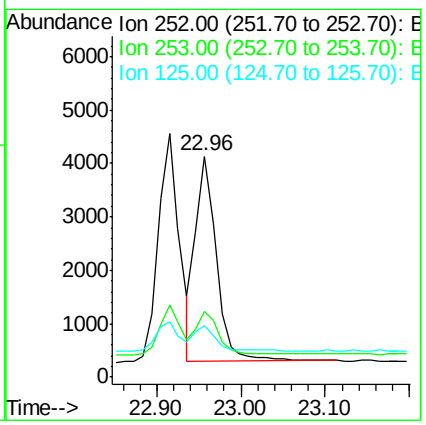


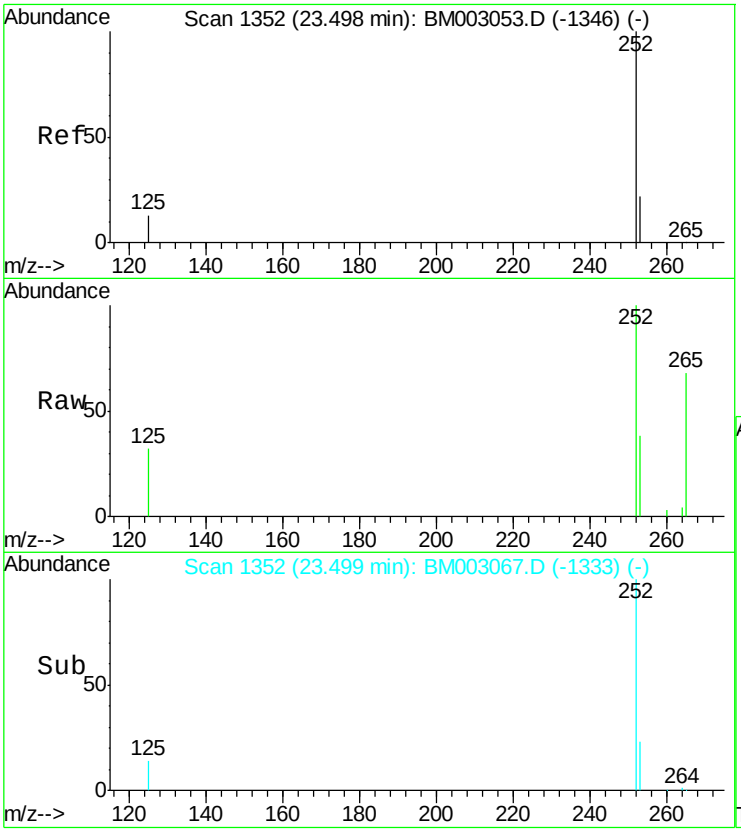


#37
Benzo(k)fluoranthene
Concen: 0.05 ng
RT: 22.96 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:252 Resp: 6620

Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.5	26.3#
125	23.2	10.7	16.1#



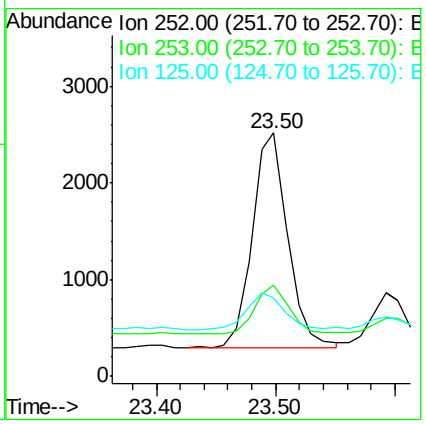


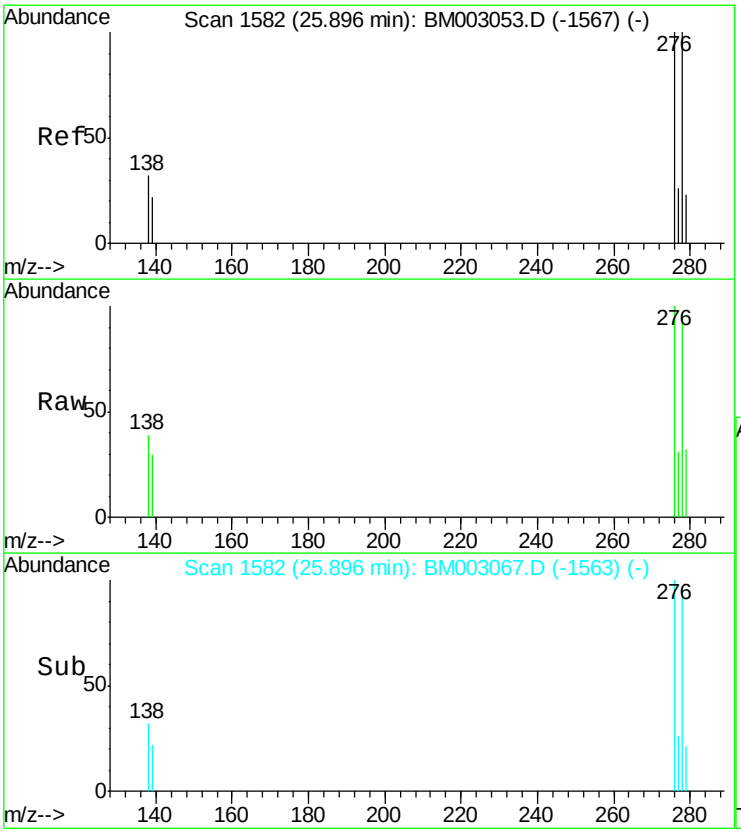
#38
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.50 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:252 Resp: 4597

Ion	Ratio	Lower	Upper
252	100		
253	37.6	18.7	28.1#
125	32.4	11.6	17.4#

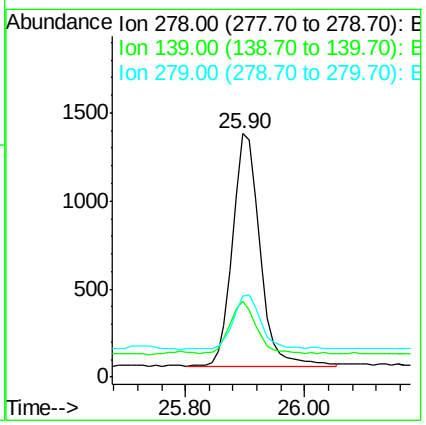


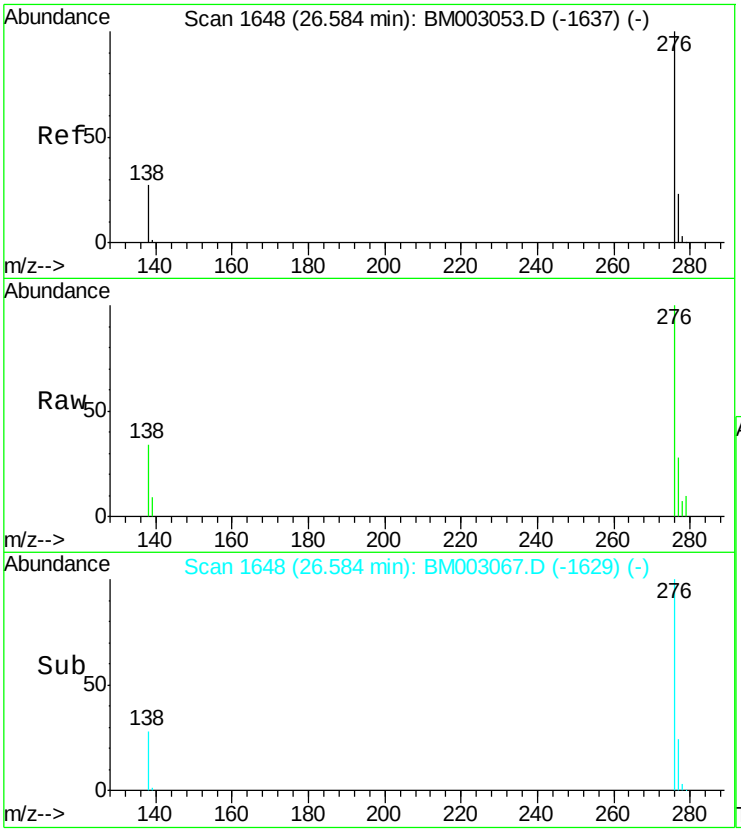


#39
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 25.90 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Tgt Ion:278 Resp: 4175

Ion	Ratio	Lower	Upper
278	100		
139	31.0	18.2	27.4#
279	33.1	18.8	28.2#





#40
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.58 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM003067.D
Acq: 05 Nov 2015 16:57

Instrument :
BNA_M
ClientSampleId :
FB-01-110315

Tgt Ion:276 Resp: 5002

Ion	Ratio	Lower	Upper
276	100		
277	28.0	19.0	28.6
138	34.2	22.3	33.5#