Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
Data File : BM000904.D
Acq On : 08 Apr 2015 12:05
Operator : TP/IZ
Sample : PB82494BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB82494BS

Manual Integrations APPROVED
apatel
4/9/2015 4:32:45 PM

Quant Time: Apr 09 04:01:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 03:29:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	27163	5.00	ng		0.00
4) Naphthalene-d8	10.39	136	96061	5.00	ng		0.00
8) Acenaphthene-d10	14.26	164	50589	5.00	ng		0.00
13) Phenanthrene-d10	17.01	188	101561	5.00	ng		0.00
19) Chrysene-d12	21.20	240	95506	5.00	ng		0.00
25) Perylene-d12	23.38	264	86614	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.76	82	48257	8.18	ng		0.00
9) 2-Fluorobiphenyl	12.88	172	137842	8.78	ng		0.00
21) Terphenyl-d14	19.65	244	105777	9.20	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.43	42	22132	7.20	ng	#	94
6) Naphthalene	10.44	128	169902	7.61	ng		100
7) 2-Methylnaphthalene	12.06	142	111062	7.87	ng		97
10) Acenaphthylene	13.97	152	189403	8.46	ng		100
11) Acenaphthene	14.33	154	109793	7.08	ng		99
12) Fluorene	15.32	166	137593	7.92	ng		99
14) Hexachlorobenzene	16.31	284	45149	7.59	ng	#	95
15) Pentachlorophenol	16.66	266	34831	11.80	ng		93
16) Phenanthrene	17.03	178	207195m	7.45	ng		
17) Anthracene	17.13	178	220842	9.47	ng		99
18) Fluoranthene	19.07	202	233597	8.50	ng		100
20) Pyrene	19.43	202	250789	8.05	ng		99
22) Benzo(a)anthracene	21.18	228	219527	8.05	ng	#	91
23) Chrysene	21.24	228	214771	7.51	ng		98
24) Indeno(1,2,3-cd)pyrene	25.56	276	219820	7.43	ng		100
26) Benzo(b)fluoranthene	22.73	252	207714	7.61	ng		96
27) Benzo(k)fluoranthene	22.77	252	213404	8.15	ng		97
28) Benzo(a)pyrene	23.29	252	197478	8.43	ng		97
29) Dibenzo(a,h)anthracene	25.57	278	176294	7.62	ng		99
30) Benzo(g,h,i)perylene	26.23	276	189587	7.60	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
Data File : BM000904.D
Acq On : 08 Apr 2015 12:05
Operator : TP/IZ
Sample : PB82494BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 09 04:01:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 03:29:56 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB82494BS

Manual Integrations APPROVED
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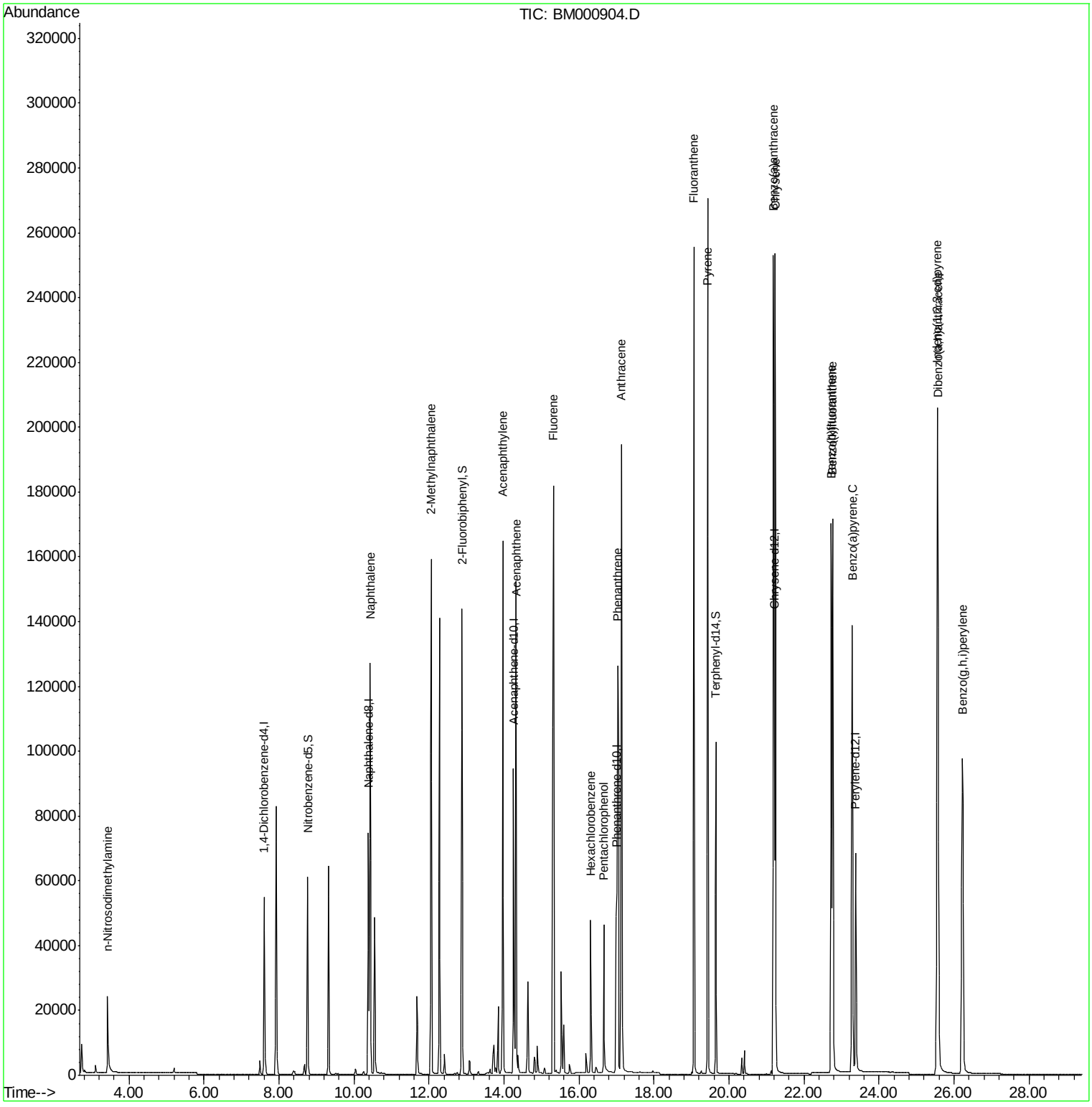
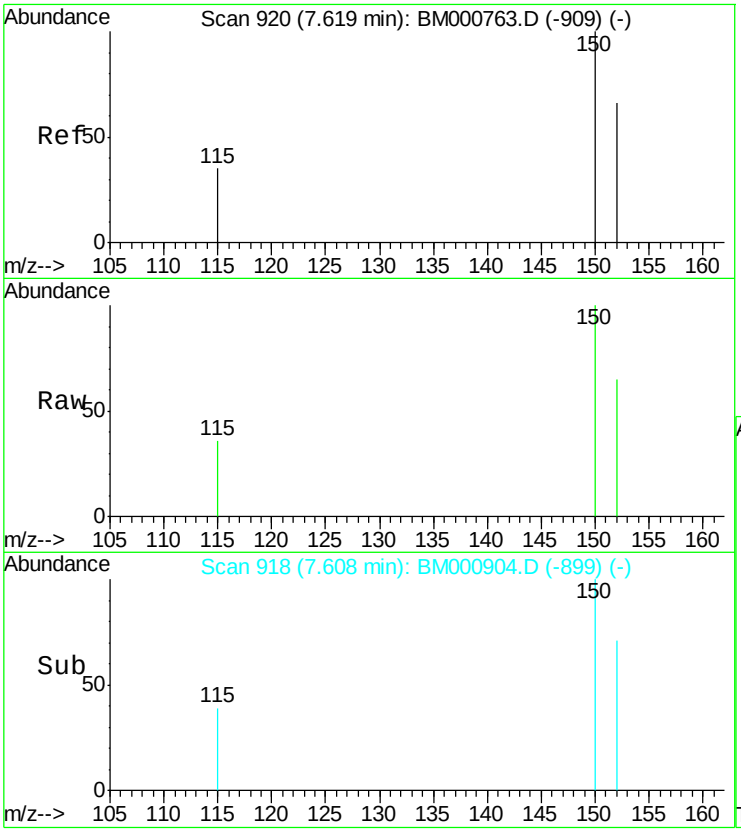
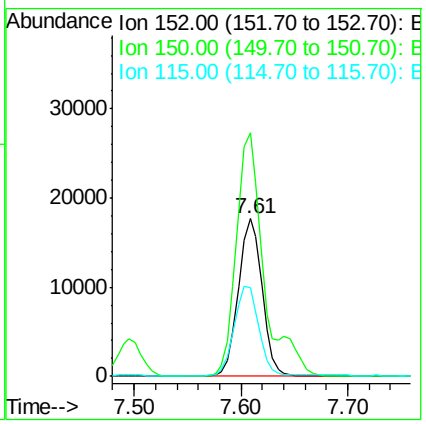




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:152 Resp: 27163

Ion	Ratio	Lower	Upper
152	100		
150	154.5	120.8	181.2
115	56.0	42.7	64.1



Instrument :
BNA_M
ClientSampleId :
PB82494BS

Manual Integrations APPROVED
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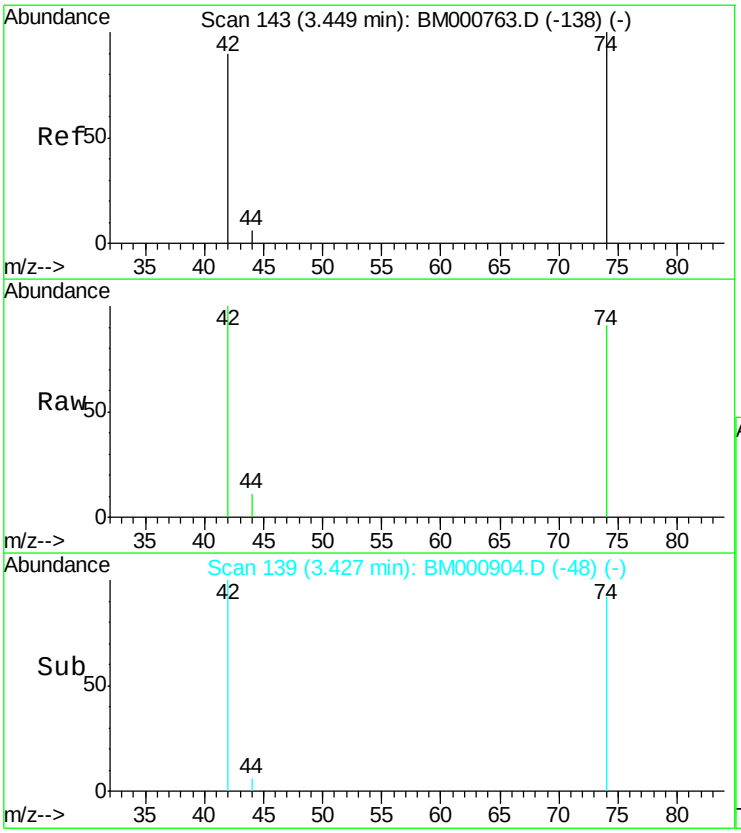
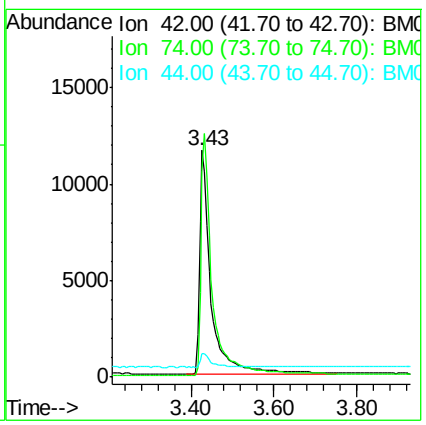
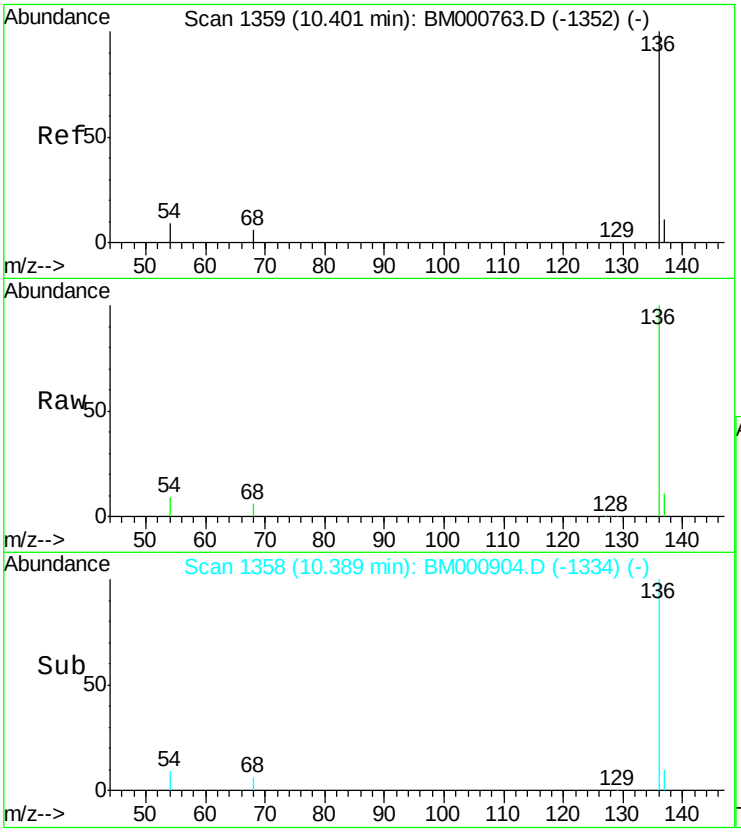


#3
n-Nitrosodimethylamine
Concen: 7.20 ng
RT: 3.43 min Scan# 139
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion: 42 Resp: 22132

Ion	Ratio	Lower	Upper
42	100		
74	110.2	93.6	140.4
44	6.0	6.3	9.5#

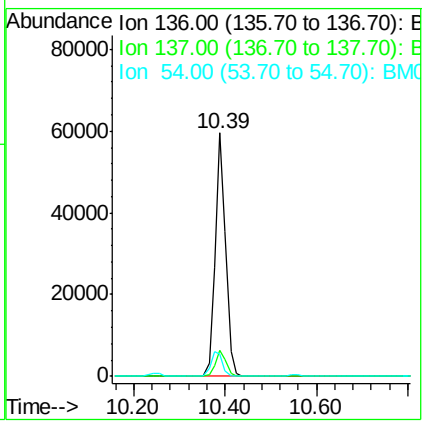




#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:136 Resp: 96061

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	8.9	7.0	10.6



Instrument :
BNA_M
ClientSampleId :
PB82494BS

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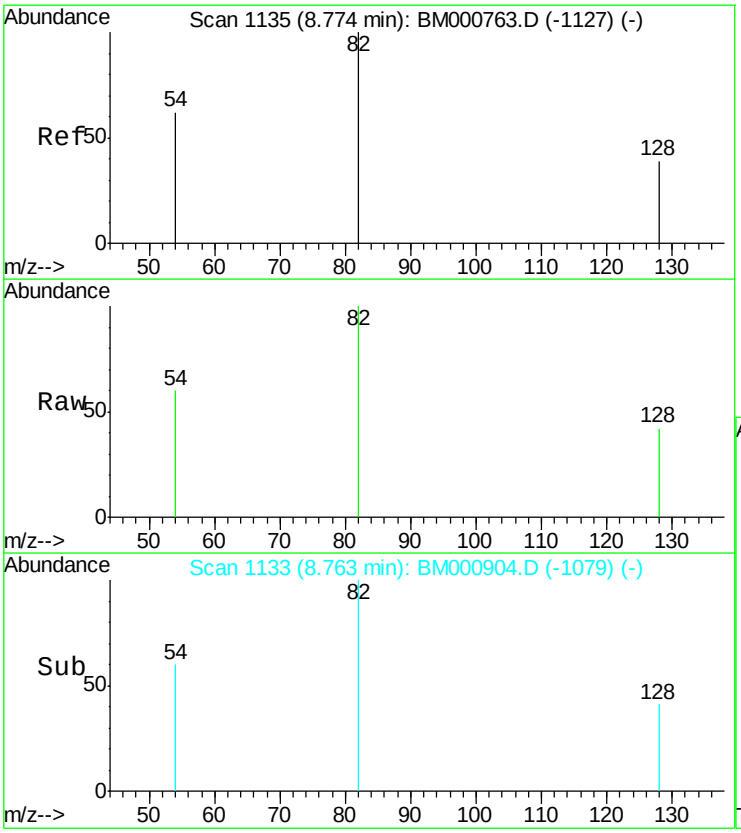
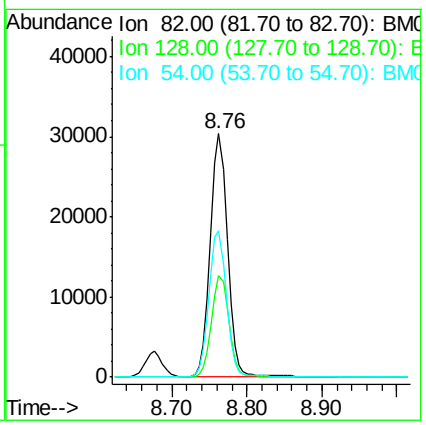
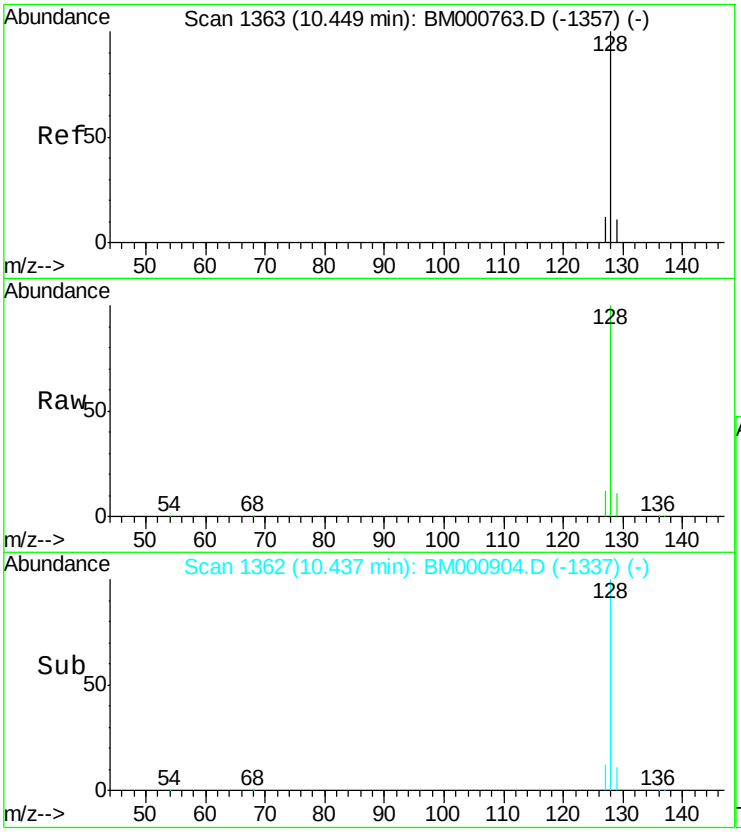


#5
Nitrobenzene-d5
Concen: 8.18 ng
RT: 8.76 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion: 82 Resp: 48257

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.2	48.2
54	59.9	50.2	75.4

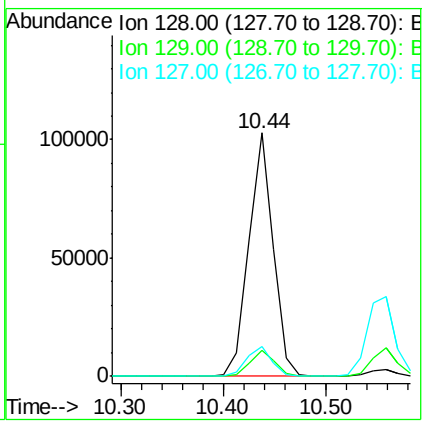




#6
Naphthalene
Concen: 7.61 ng
RT: 10.44 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:128 Resp: 169902

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.4	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
PB82494BS

Manual Integrations APPROVED
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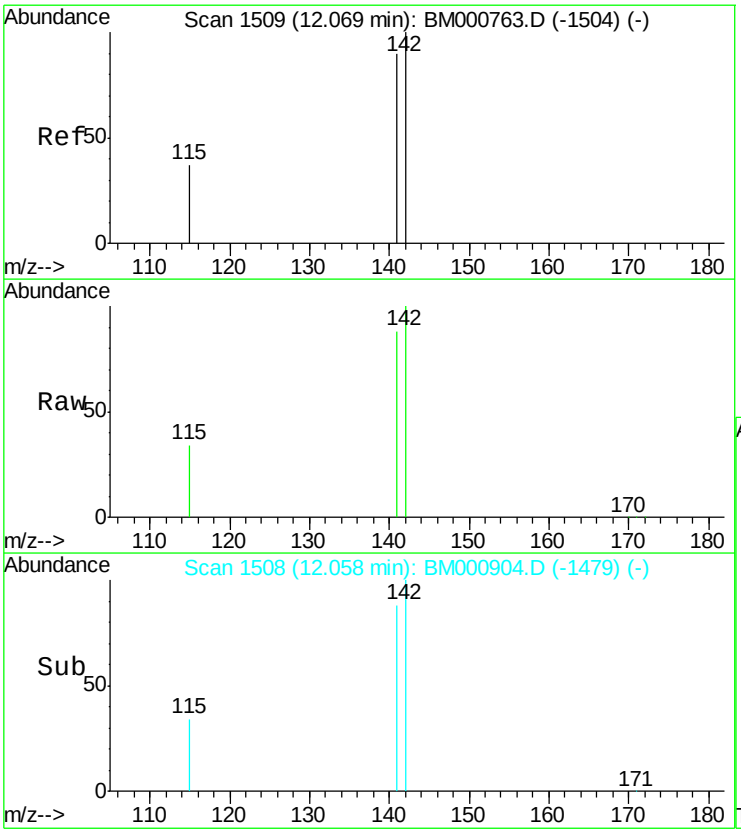
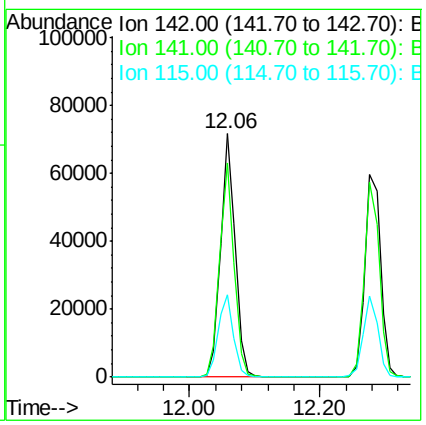
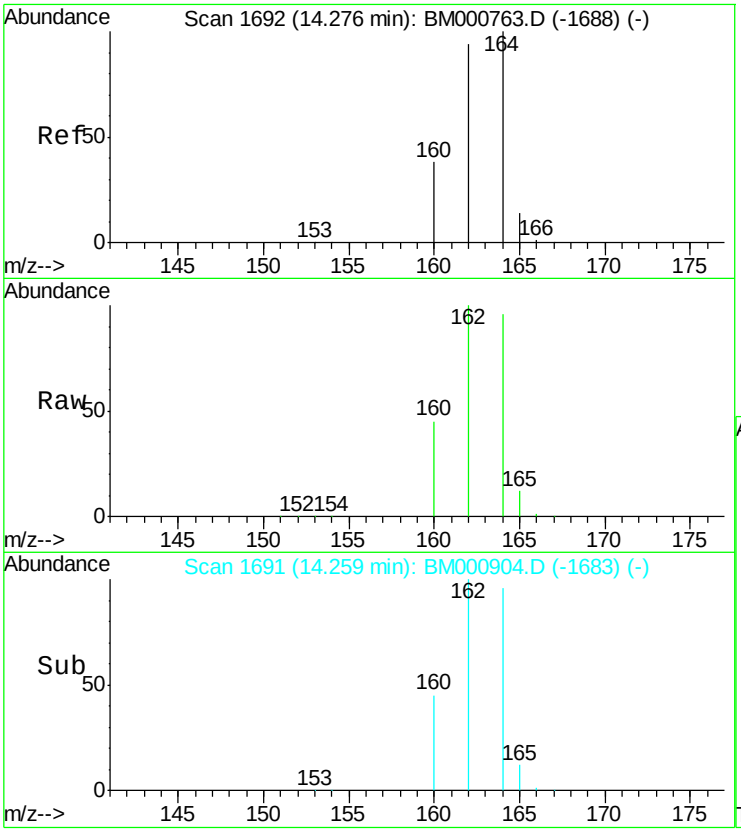


#7
2-Methylnaphthalene
Concen: 7.87 ng
RT: 12.06 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:142 Resp: 111062

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.3	108.5
115	34.0	29.5	44.3

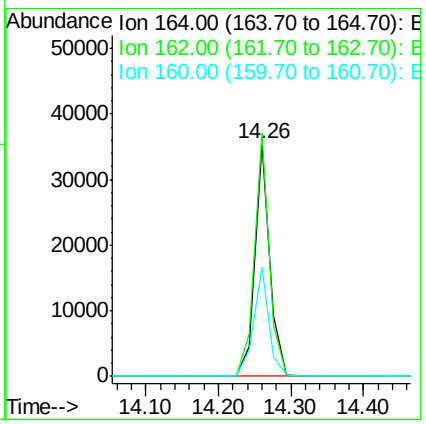




#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:164 Resp: 50589

Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.4	113.2
160	47.1	30.8	46.2#



Instrument :
BNA_M
ClientSampleId :
PB82494BS

Manual Integrations APPROVED
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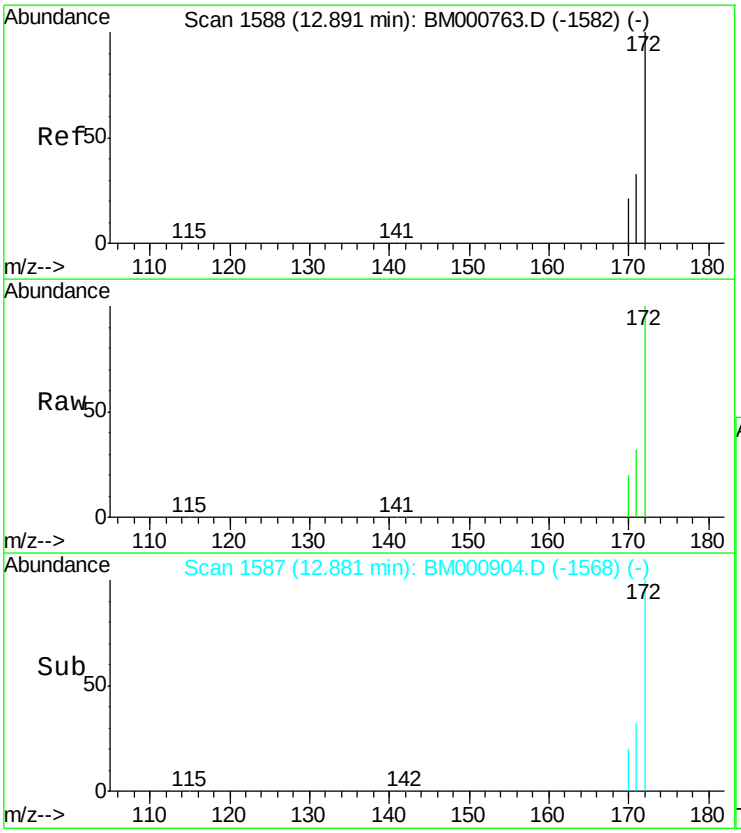
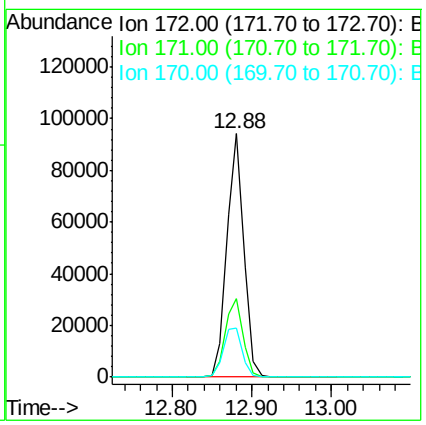
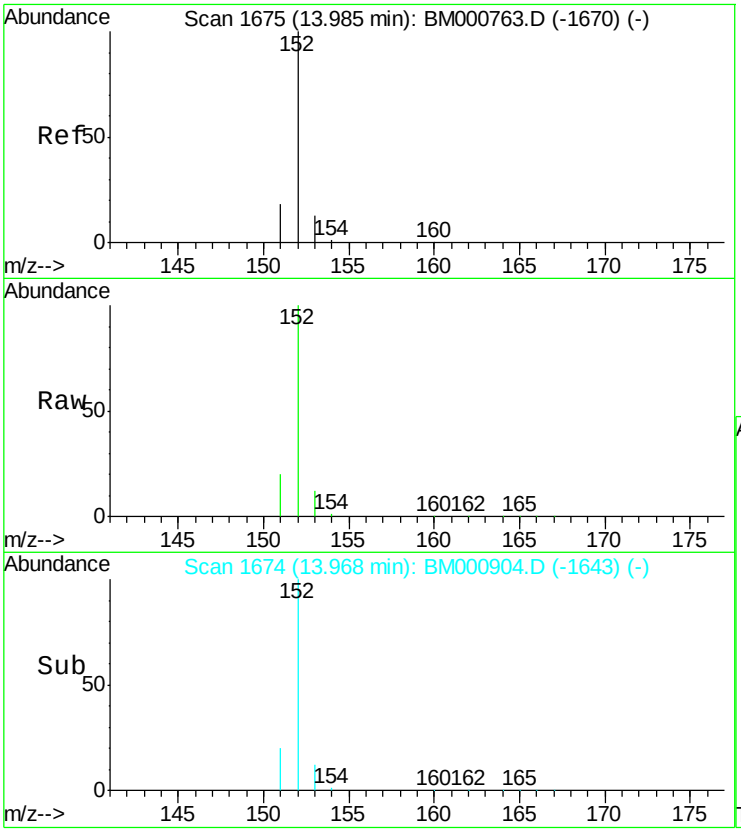


#9
2-Fluorobiphenyl
Concen: 8.78 ng
RT: 12.88 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:172 Resp: 137842

Ion	Ratio	Lower	Upper
172	100		
171	32.2	26.6	39.8
170	20.0	17.1	25.7

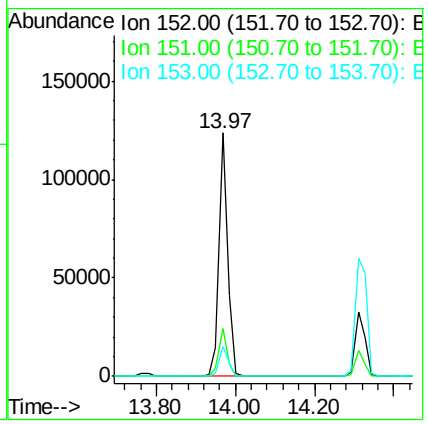




#10
Acenaphthylene
Concen: 8.46 ng
RT: 13.97 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:152 Resp: 189403

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7
153	12.9	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
PB82494BS

Manual Integrations APPROVED
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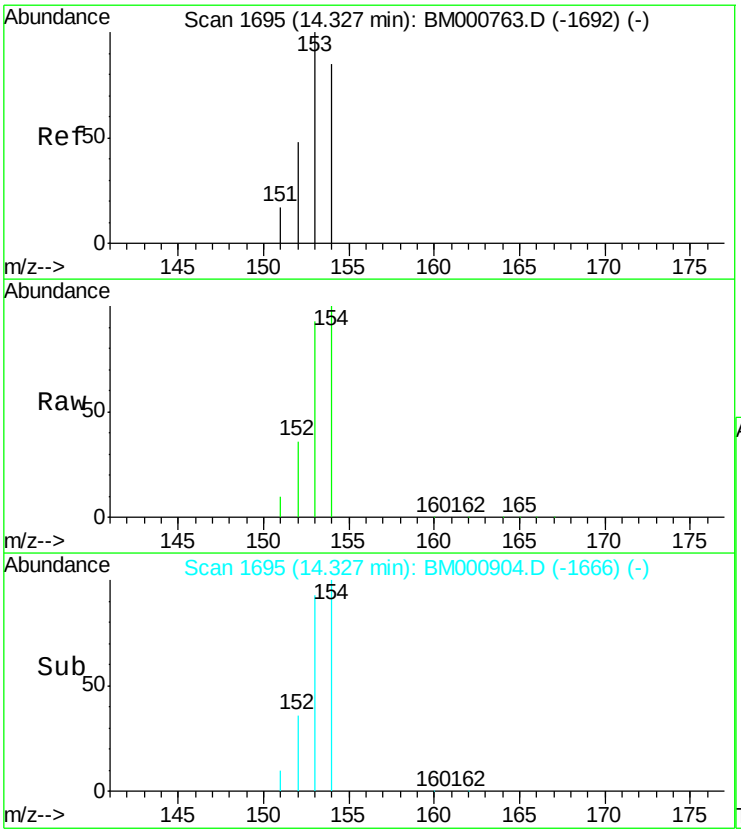
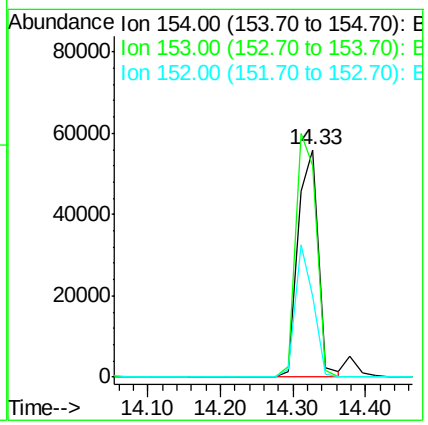
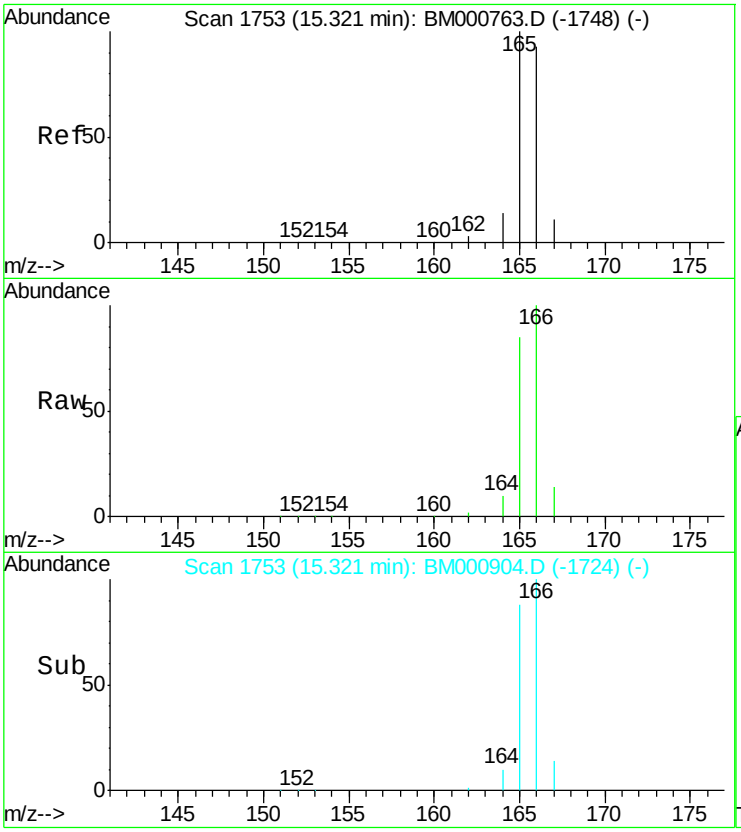


#11
Acenaphthene
Concen: 7.08 ng
RT: 14.33 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:154 Resp: 109793

Ion	Ratio	Lower	Upper
154	100		
153	109.1	87.3	130.9
152	51.9	43.0	64.6

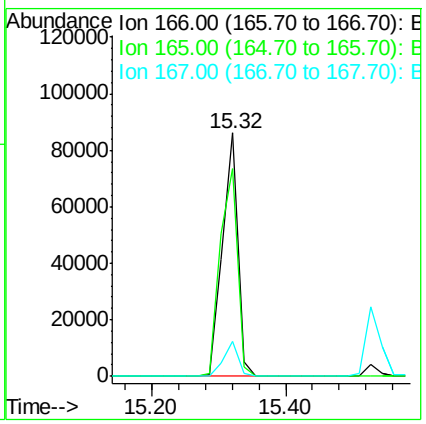




#12
Fluorene
Concen: 7.92 ng
RT: 15.32 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:166 Resp: 137593

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.2	117.2
167	13.5	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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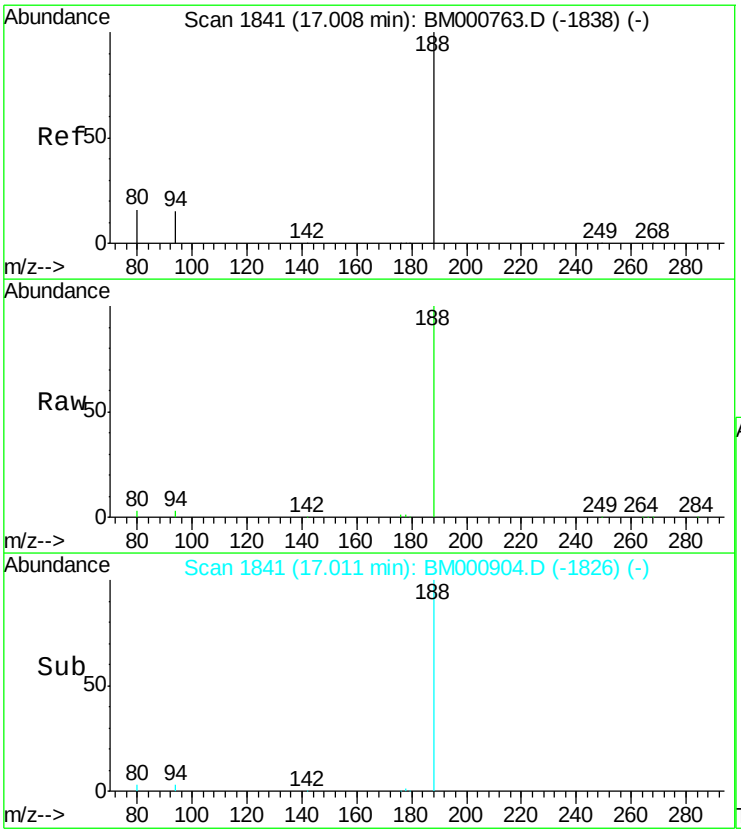
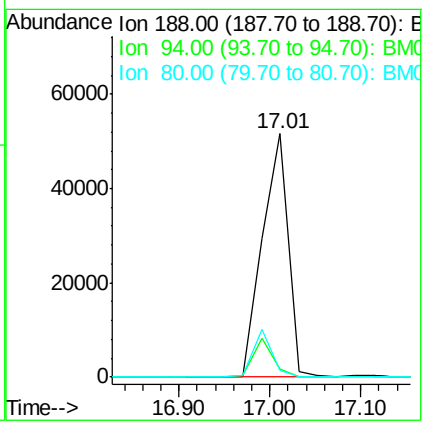
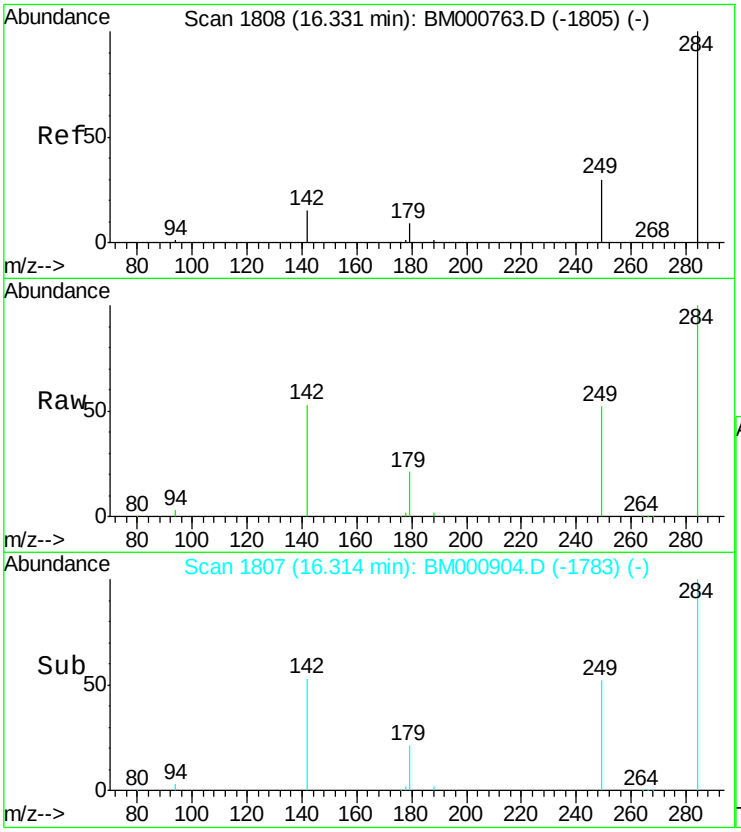


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:188 Resp: 101561

Ion	Ratio	Lower	Upper
188	100		
94	3.4	12.0	18.0#
80	2.9	12.8	19.2#





#14
Hexachlorobenzene
Concen: 7.59 ng
RT: 16.31 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:284 Resp: 45149

Ion	Ratio	Lower	Upper
284	100		
142	40.1	0.0	0.0#
249	34.5	25.2	37.8

Instrument :
BNA_M
ClientSampleId :
PB82494BS

Manual Integrations APPROVED
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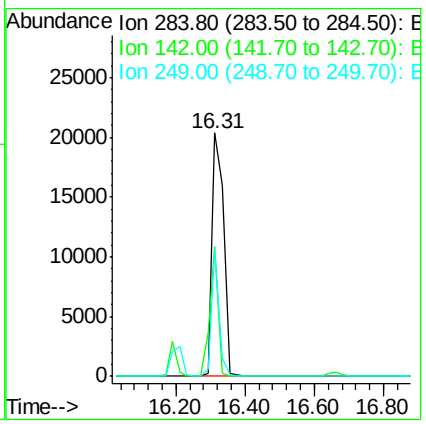
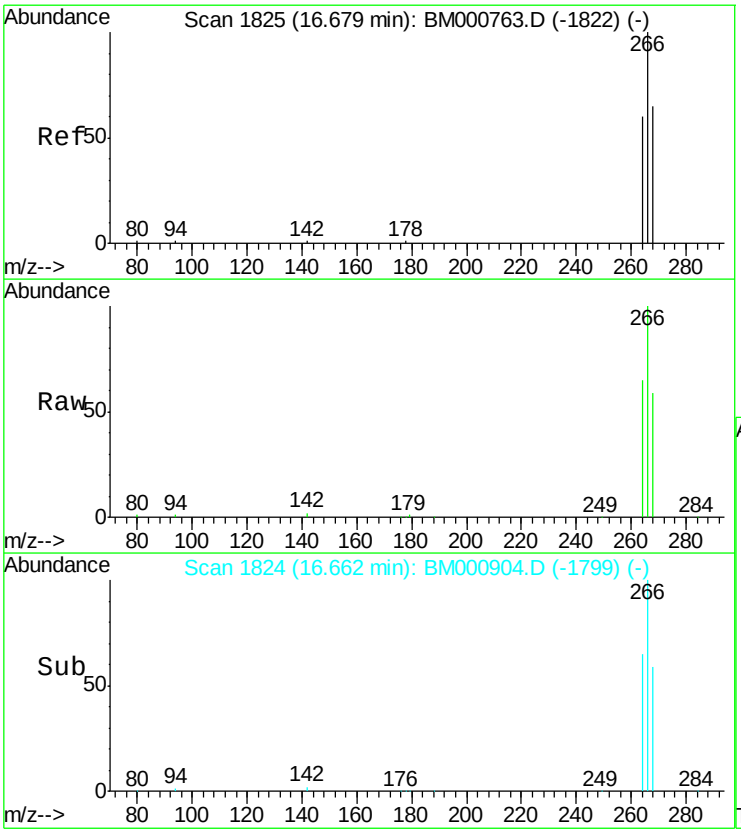
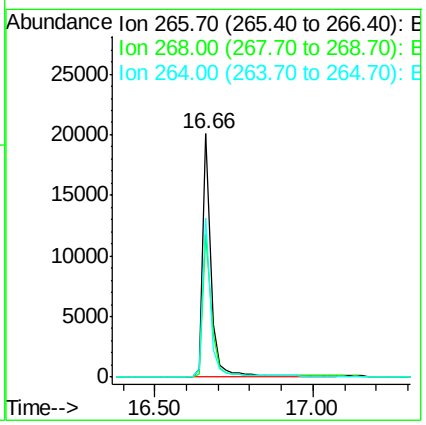


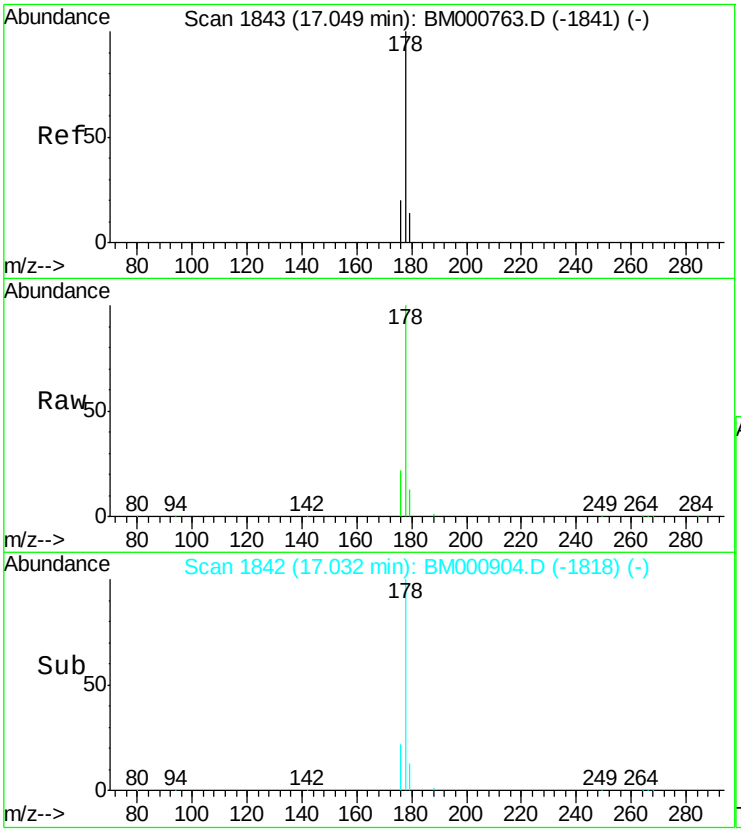


#15
Pentachlorophenol
Concen: 11.80 ng
RT: 16.66 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:266 Resp: 34831

Ion	Ratio	Lower	Upper
266	100		
268	58.7	55.0	82.6
264	65.3	51.0	76.4

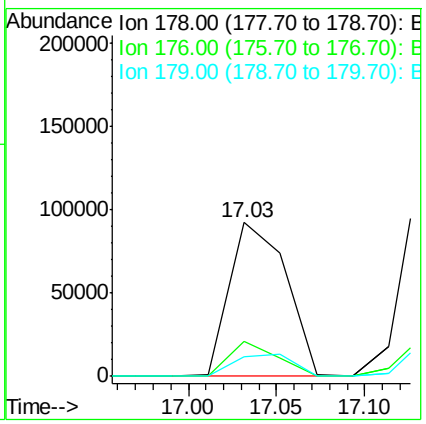




#16
Phenanthrene
Concen: 7.45 ng m
RT: 17.03 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:178 Resp: 207195

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.5	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
PB82494BS

Manual Integrations APPROVED
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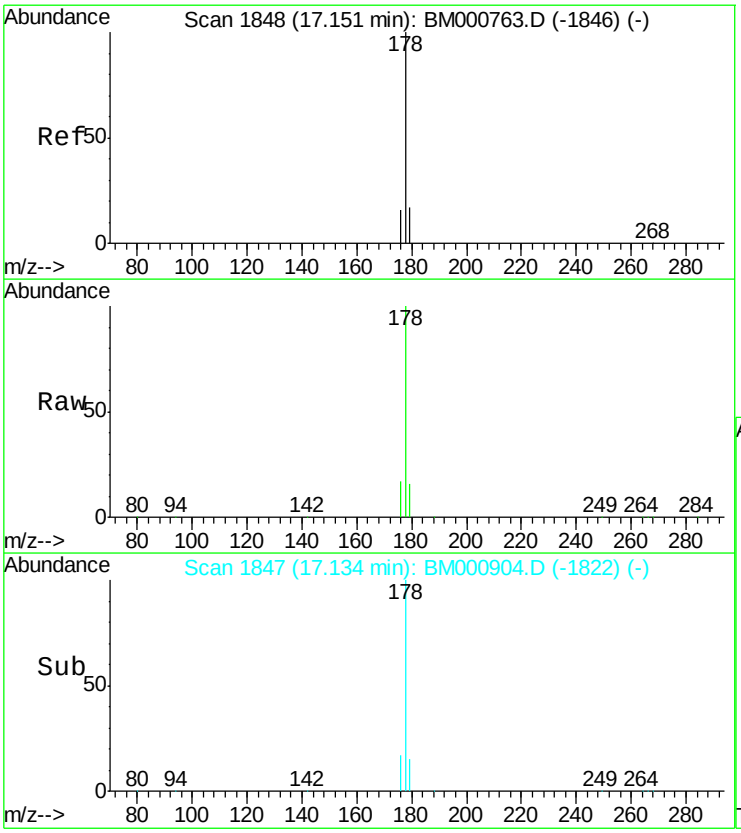
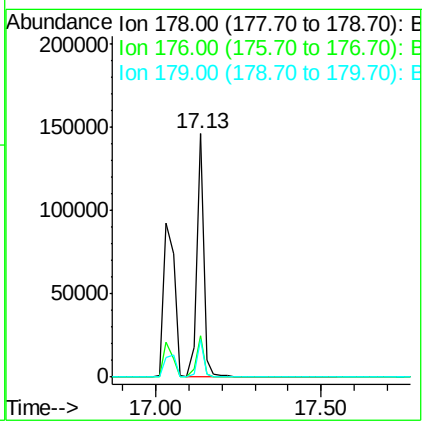
4/9/2015 4:32:45 PM

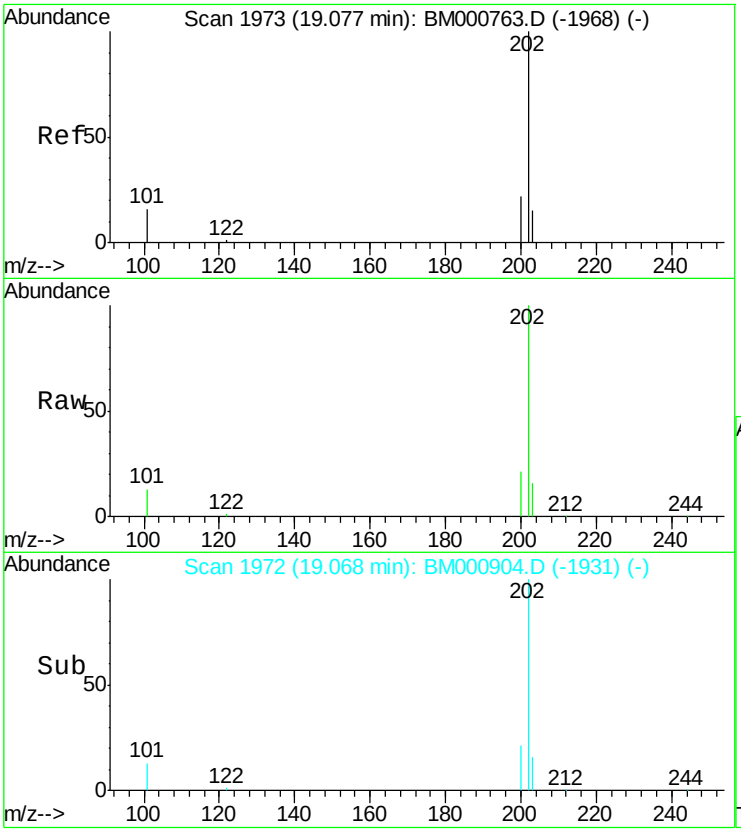


#17
Anthracene
Concen: 9.47 ng
RT: 17.13 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:178 Resp: 220842

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	15.5	12.2	18.4





#18
Fluoranthene
Concen: 8.50 ng
RT: 19.07 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:202 Resp: 233597

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.5	15.7
203	17.4	13.8	20.8

Instrument :
BNA_M
ClientSampleId :
PB82494BS

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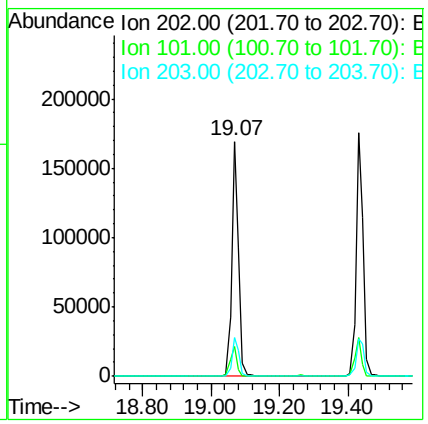
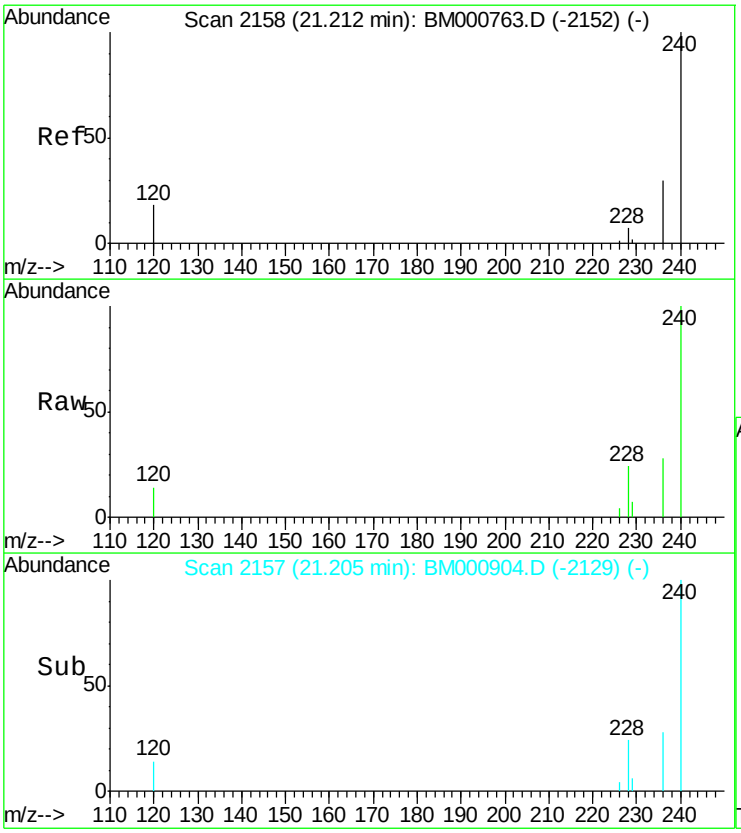
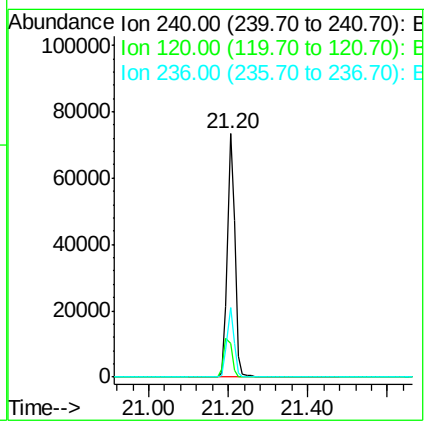


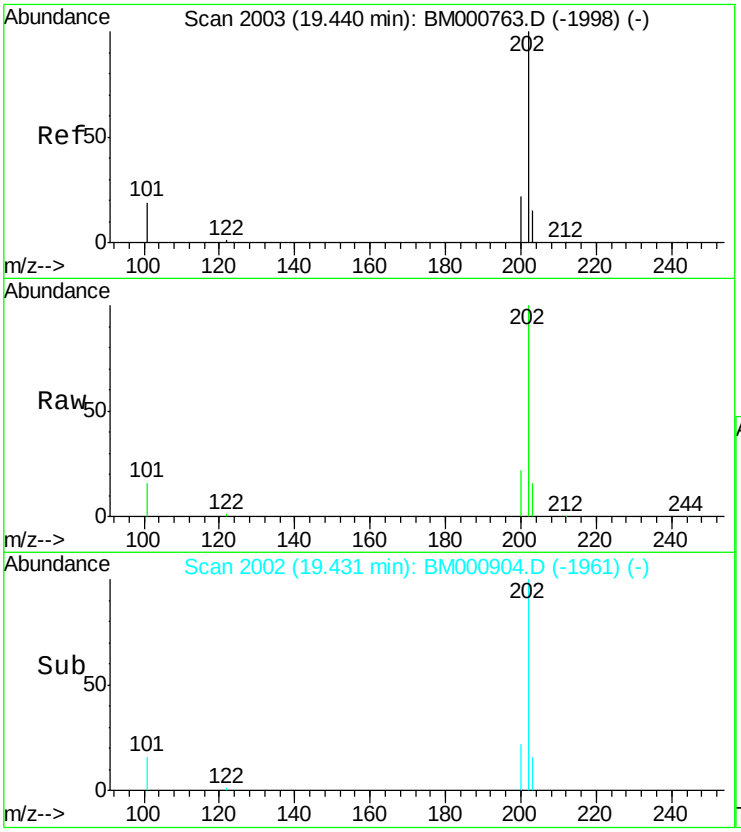


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:240 Resp: 95506

Ion	Ratio	Lower	Upper
240	100		
120	14.0	14.9	22.3#
236	28.5	24.2	36.4





#20
Pyrene
Concen: 8.05 ng
RT: 19.43 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:202 Resp: 250789

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	17.7	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
PB82494BS

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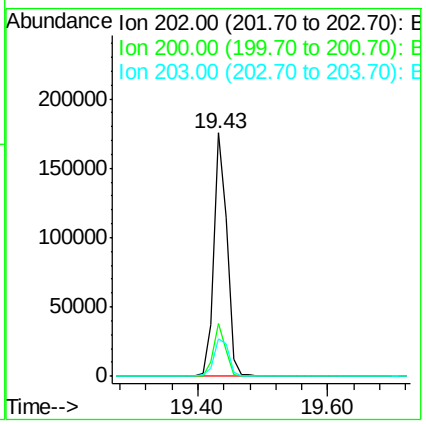
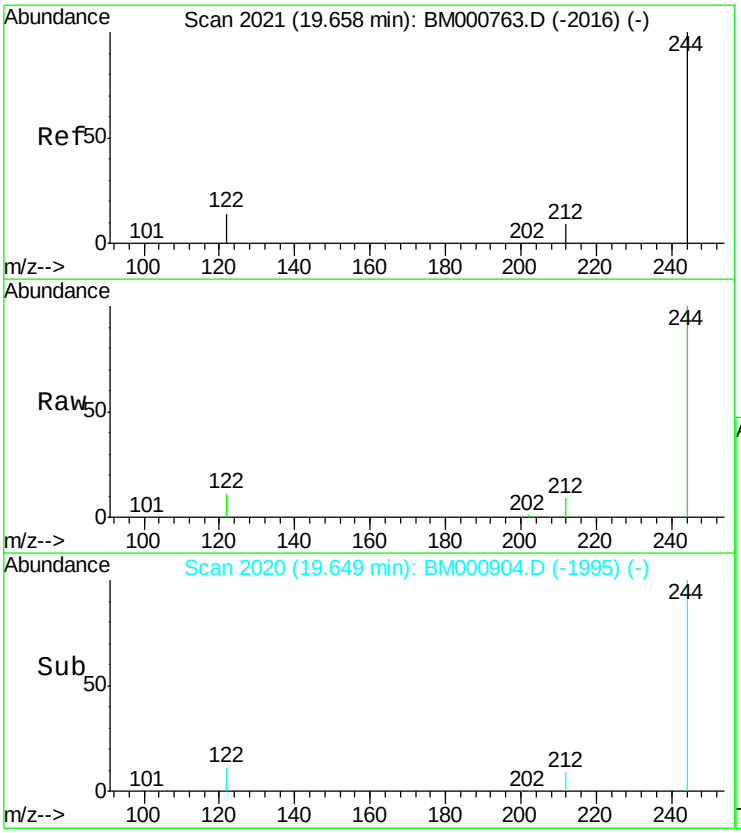
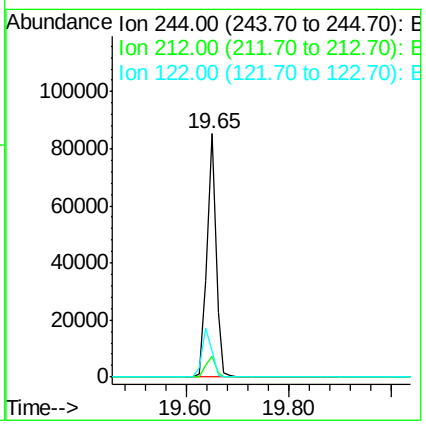


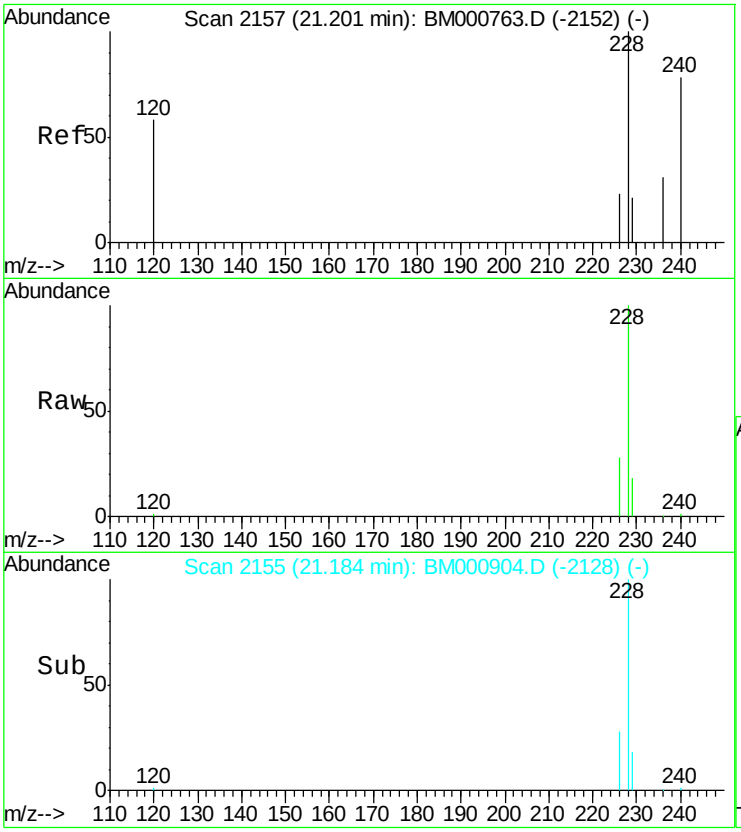


#21
Terphenyl-d14
Concen: 9.20 ng
RT: 19.65 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:244 Resp: 105777

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.8	11.6
122	10.8	11.8	17.8#

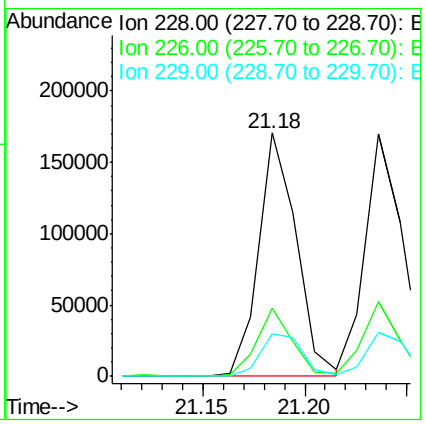




#22
Benzo(a)anthracene
Concen: 8.05 ng
RT: 21.18 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:228 Resp: 219527

Ion	Ratio	Lower	Upper
228	100		
226	28.2	18.6	27.8#
229	17.7	17.2	25.8



Instrument :
BNA_M
ClientSampleId :
PB82494BS

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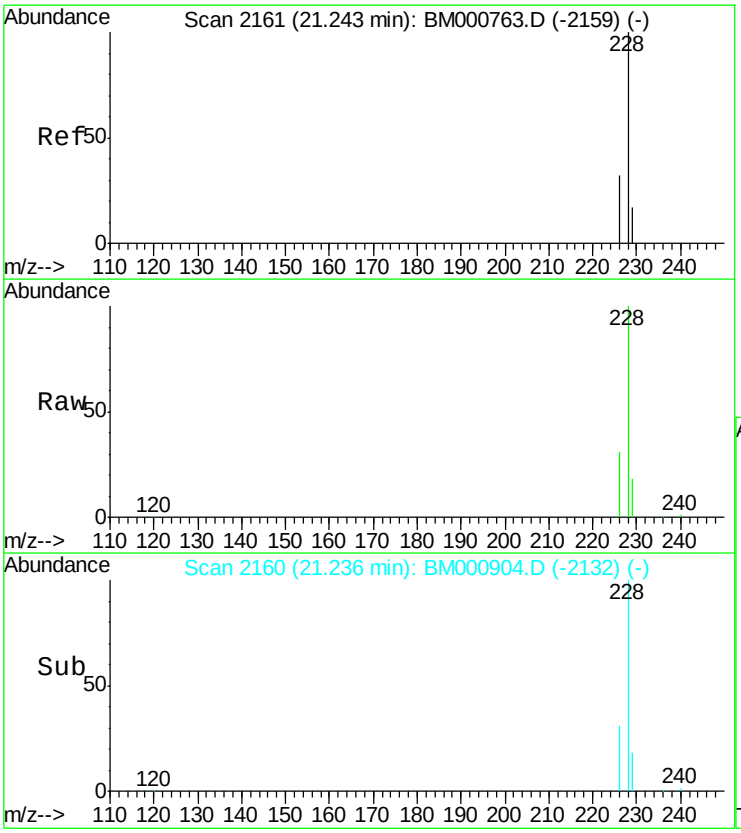
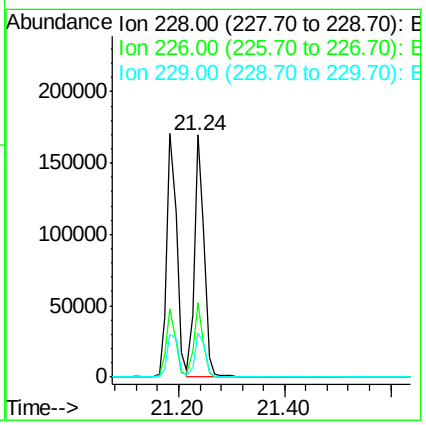
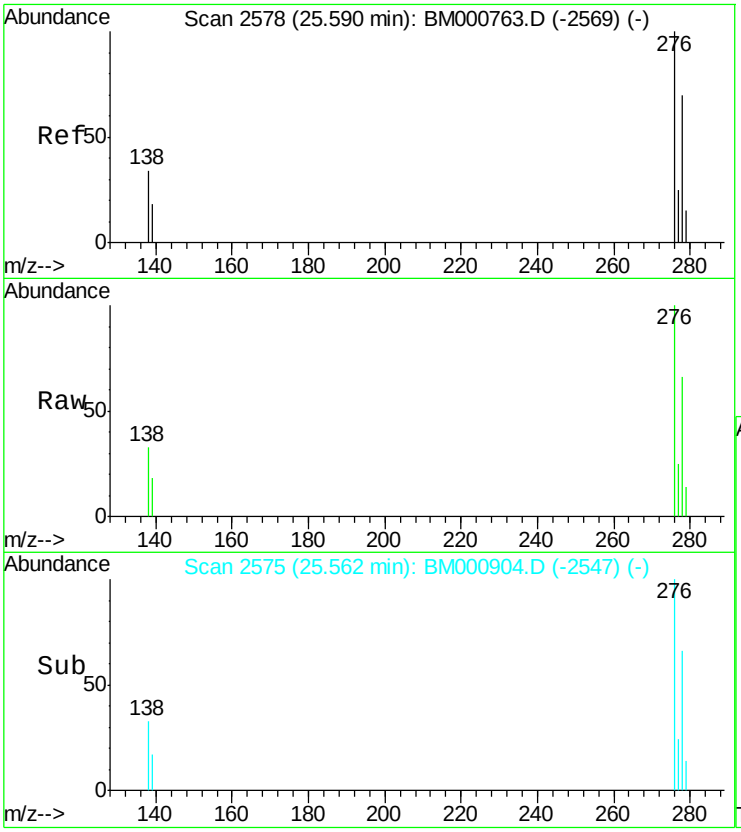


#23
Chrysene
Concen: 7.51 ng
RT: 21.24 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:228 Resp: 214771

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.8	38.8
229	17.9	13.8	20.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 7.43 ng
RT: 25.56 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:276 Resp: 219820

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.4	41.2
277	24.5	19.7	29.5

Instrument :
BNA_M
ClientSampleId :
PB82494BS

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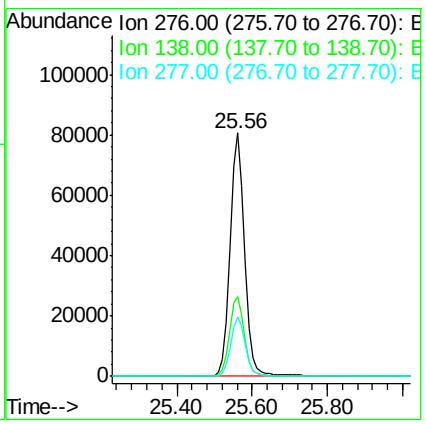
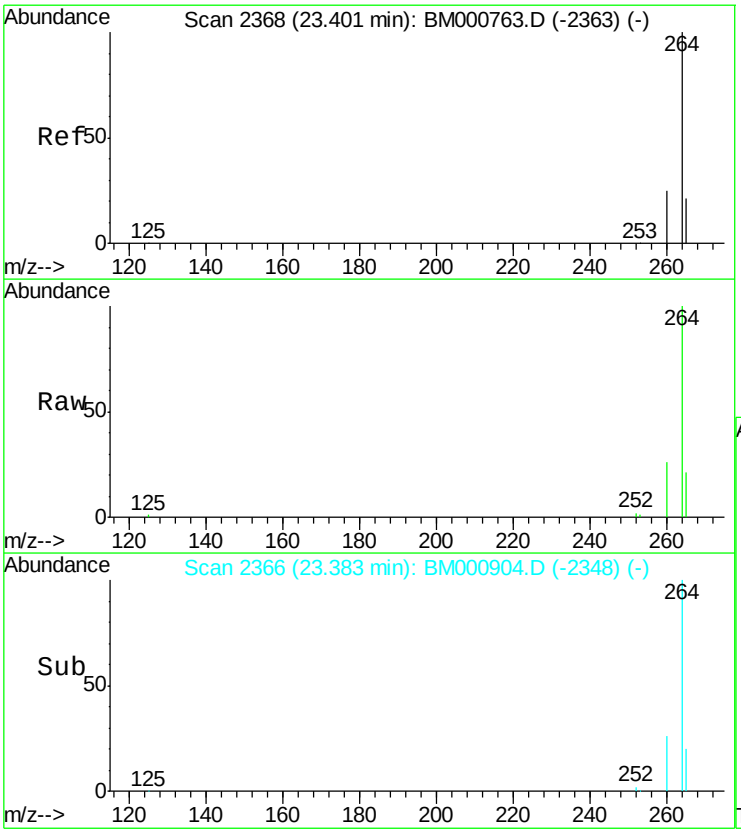
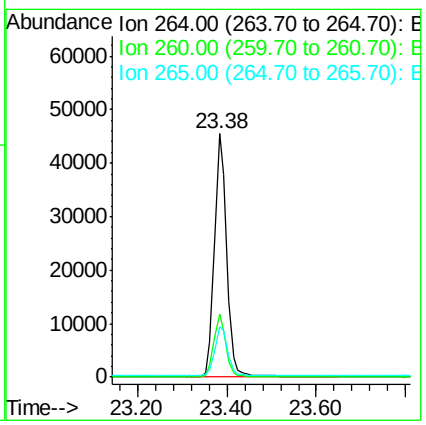


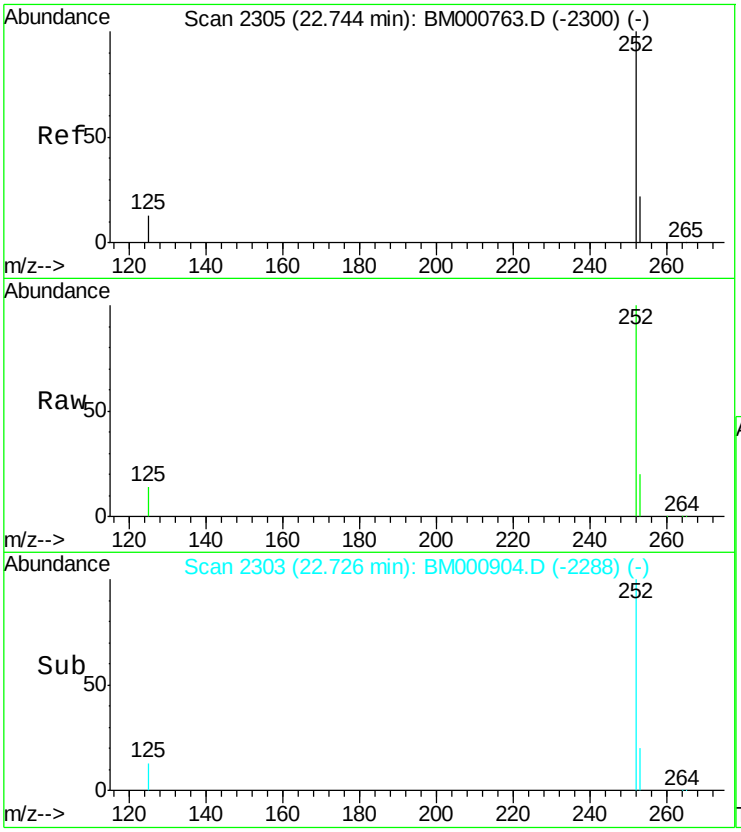


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.38 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:264 Resp: 86614

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	20.9	17.4	26.0





#26
Benzo(b)fluoranthene
Concen: 7.61 ng
RT: 22.73 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:252 Resp: 207714

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.5	27.7
125	13.5	10.6	16.0

Instrument :
BNA_M
ClientSampleId :
PB82494BS

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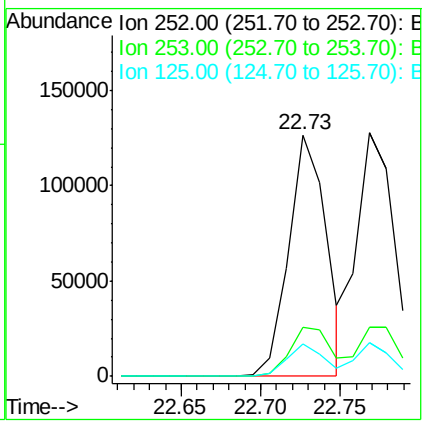
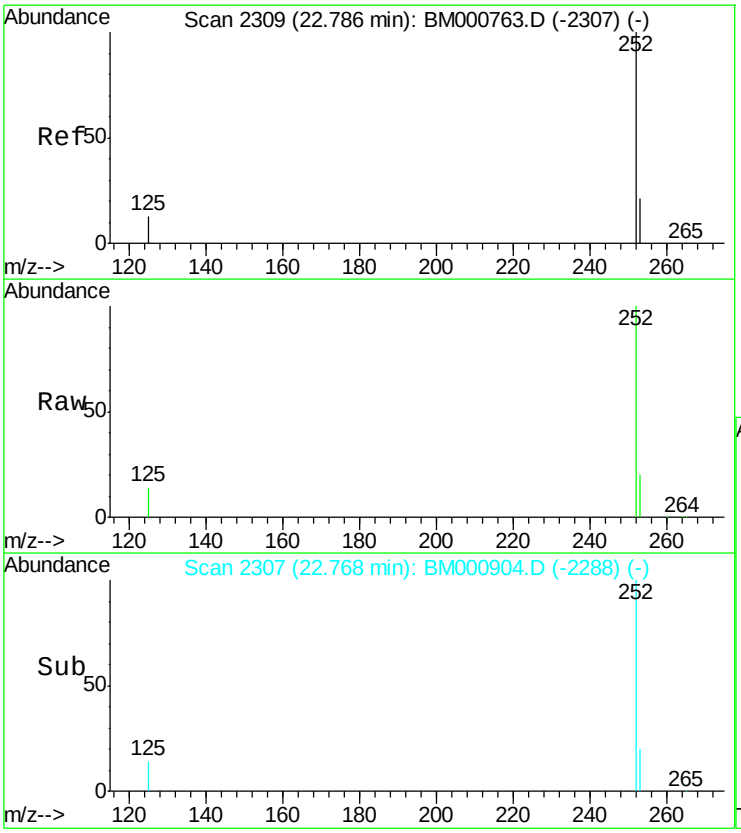
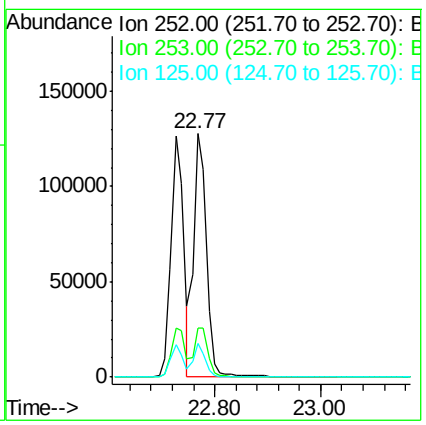


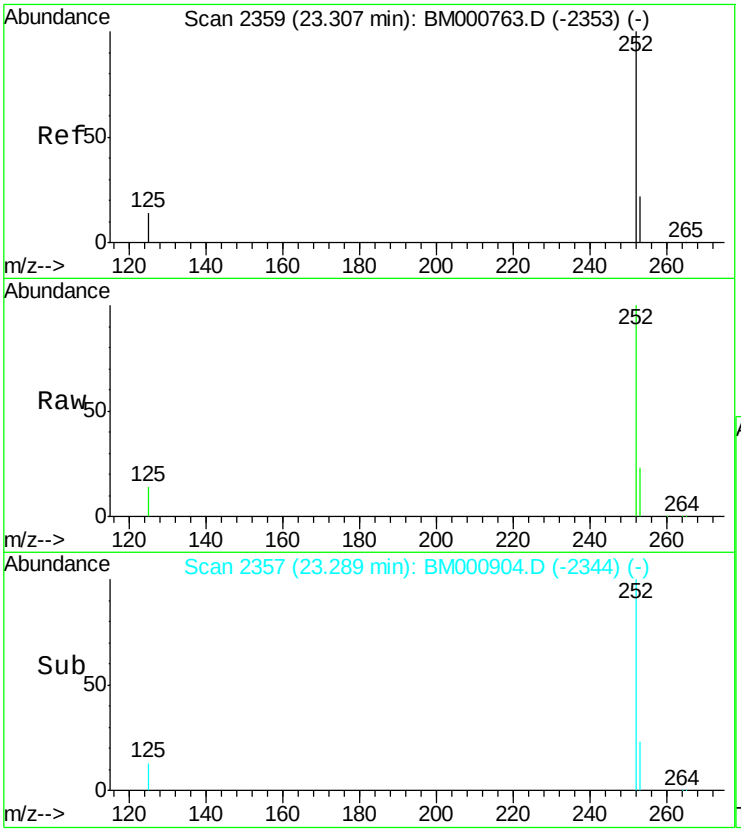


#27
Benzo(k)fluoranthene
Concen: 8.15 ng
RT: 22.77 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:252 Resp: 213404

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.9	26.9
125	13.8	10.8	16.2





#28
Benzo(a)pyrene
Concen: 8.43 ng
RT: 23.29 min Scan# 2357
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:252 Resp: 197478

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.2
125	13.5	11.5	17.3

Instrument :
BNA_M
ClientSampleId :
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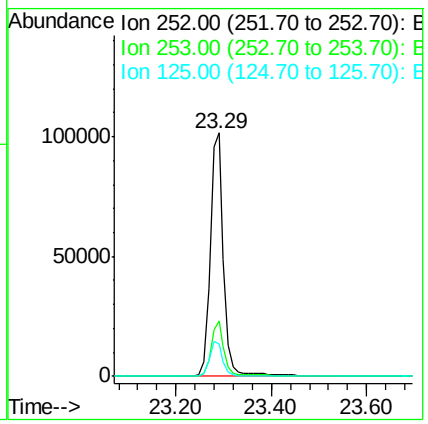
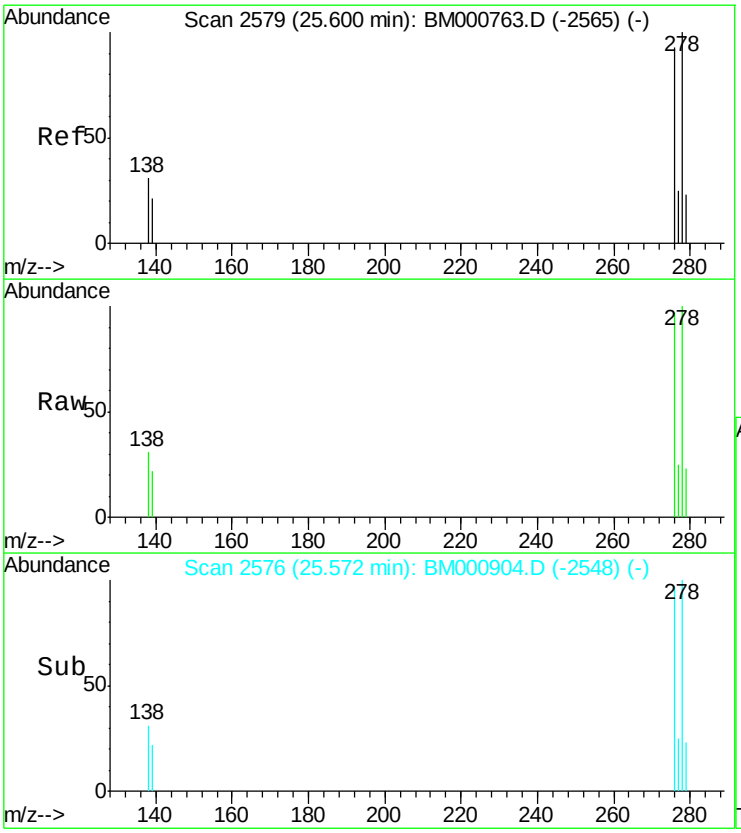
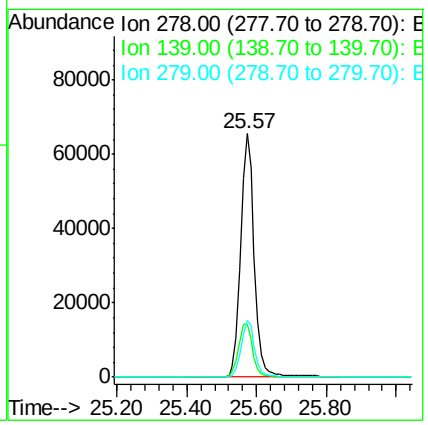


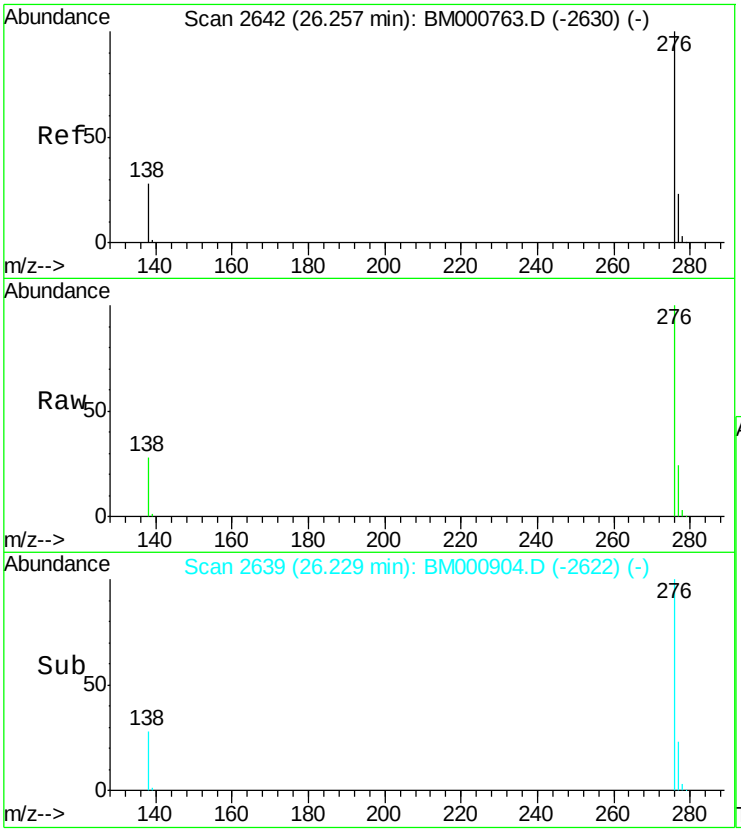


#29
Dibenzo(a,h)anthracene
Concen: 7.62 ng
RT: 25.57 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:278 Resp: 176294

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.8	26.6
279	23.1	19.3	28.9

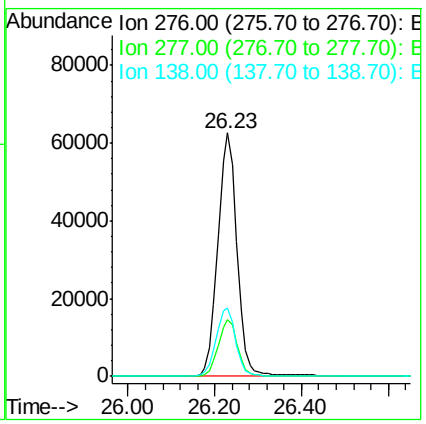




#30
Benzo(g,h,i)perylene
Concen: 7.60 ng
RT: 26.23 min Scan# 2639
Delta R.T. 0.00 min
Lab File: BM000904.D
Acq: 08 Apr 2015 12:05

Tgt Ion:276 Resp: 189587

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	28.2	23.1	34.7



Instrument :
BNA_M
ClientSampleId :
PB82494BS

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