Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040815\
Data File : BM000920.D
Acq On : 09 Apr 2015 09:19
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
apatel
4/9/2015 4:32:55 PM

Quant Time: Apr 09 11:18:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	34166	5.00	ng		-0.01
4) Naphthalene-d8	10.39	136	118435	5.00	ng		-0.01
8) Acenaphthene-d10	14.26	164	60876	5.00	ng		-0.02
13) Phenanthrene-d10	17.01	188	129851	5.00	ng		0.00
19) Chrysene-d12	21.20	240	116145	5.00	ng		-0.01
25) Perylene-d12	23.38	264	106033	5.00	ng		-0.02
System Monitoring Compounds							
5) Nitrobenzene-d5	8.76	82	5690	0.96	ng		0.00
9) 2-Fluorobiphenyl	12.88	172	18502	0.98	ng		-0.01
21) Terphenyl-d14	19.65	244	14282	1.02	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.44	42	3227	0.97	ng		98
6) Naphthalene	10.44	128	27212	0.99	ng		99
7) 2-Methylnaphthalene	12.06	142	17596	1.01	ng		95
10) Acenaphthylene	13.97	152	26331	0.98	ng		100
11) Acenaphthene	14.31	154	17879	0.96	ng		98
12) Fluorene	15.32	166	21075	1.01	ng		99
14) Hexachlorobenzene	16.31	284	7031	0.92	ng	#	95
15) Pentachlorophenol	16.66	266	2037	1.33	ng		91
16) Phenanthrene	17.05	178	34211m	0.96	ng		
17) Anthracene	17.13	178	31938	1.07	ng		99
18) Fluoranthene	19.06	202	36665	1.04	ng		99
20) Pyrene	19.43	202	38103	1.01	ng		100
22) Benzo(a)anthracene	21.19	228	32936	0.99	ng		100
23) Chrysene	21.23	228	34243	0.98	ng		99
24) Indeno(1,2,3-cd)pyrene	25.56	276	34000	0.94	ng		99
26) Benzo(b)fluoranthene	22.72	252	31792	0.95	ng		97
27) Benzo(k)fluoranthene	22.76	252	32783	1.02	ng		98
28) Benzo(a)pyrene	23.29	252	28267	0.99	ng		99
29) Dibenzo(a,h)anthracene	25.57	278	25738	0.91	ng		100
30) Benzo(g,h,i)perylene	26.22	276	29657	0.97	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 : BM000920.D
Acq On : 09 Apr 2015 09:19
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 11:18:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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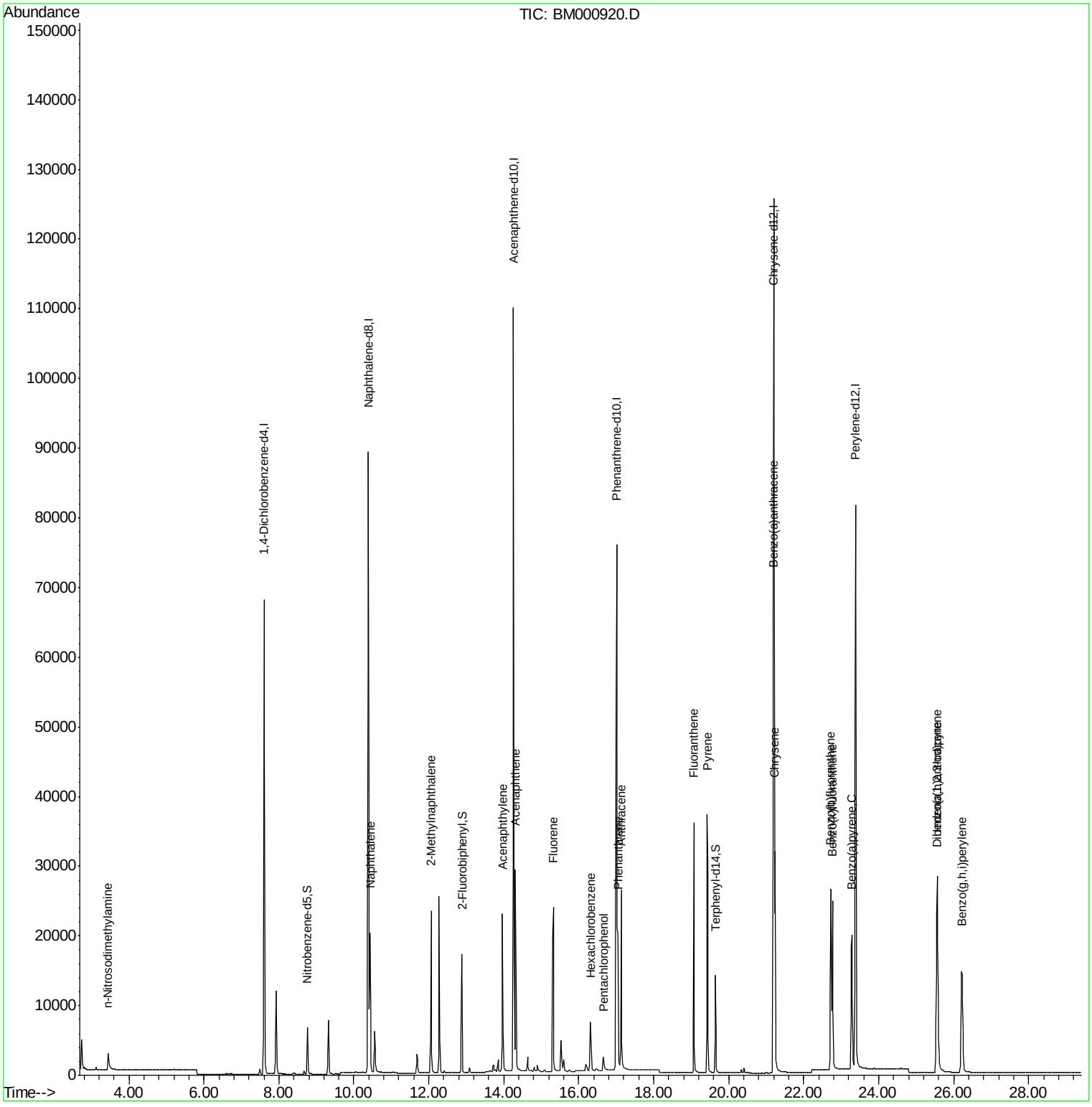
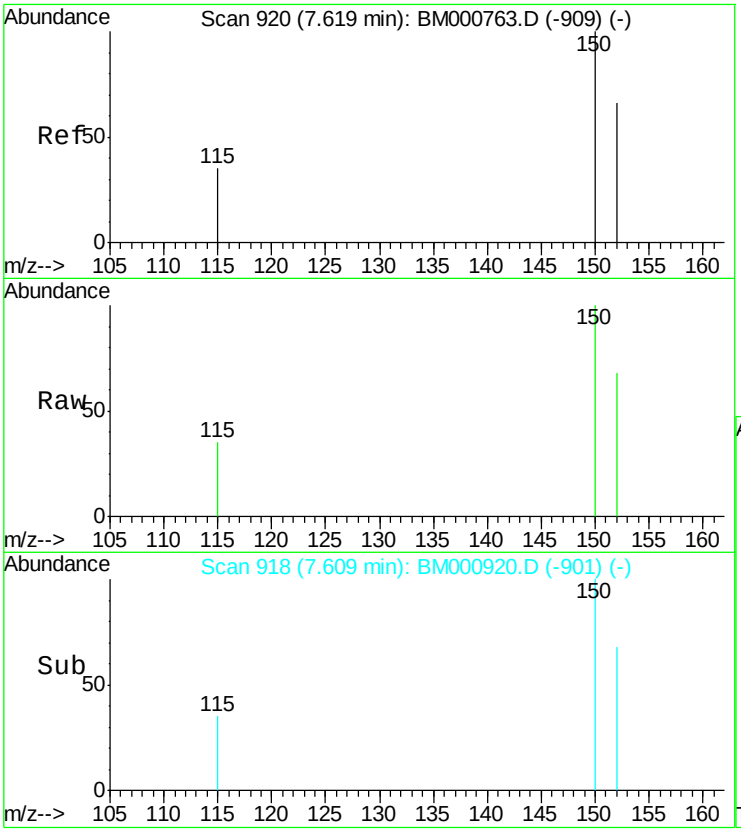
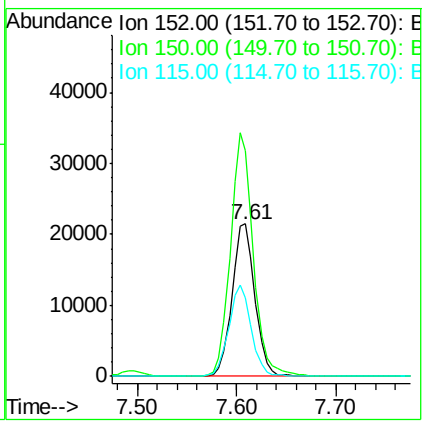




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:152 Resp: 34166

Ion	Ratio	Lower	Upper
152	100		
150	148.0	120.8	181.2
115	51.5	42.7	64.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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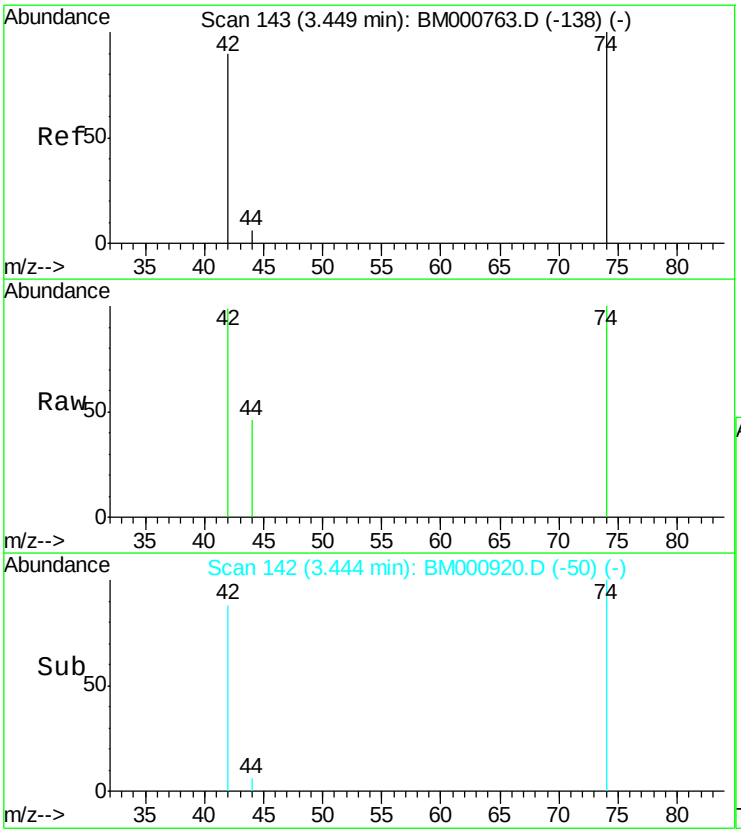
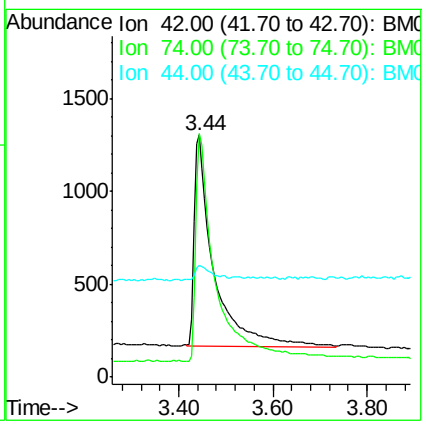
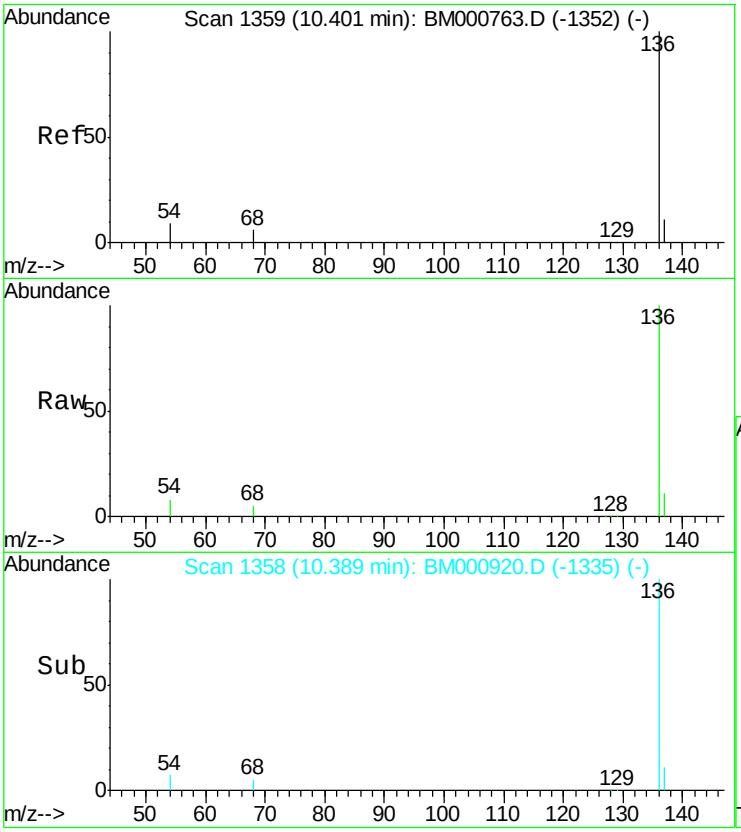


#3
n-Nitrosodimethylamine
Concen: 0.97 ng
RT: 3.44 min Scan# 142
Delta R.T. -0.00 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion: 42 Resp: 3227

Ion	Ratio	Lower	Upper
42	100		
74	114.7	93.6	140.4
44	6.3	6.3	9.5

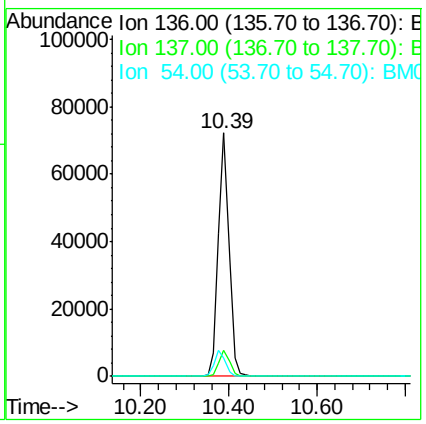




#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:136 Resp: 118435

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.5	7.0	10.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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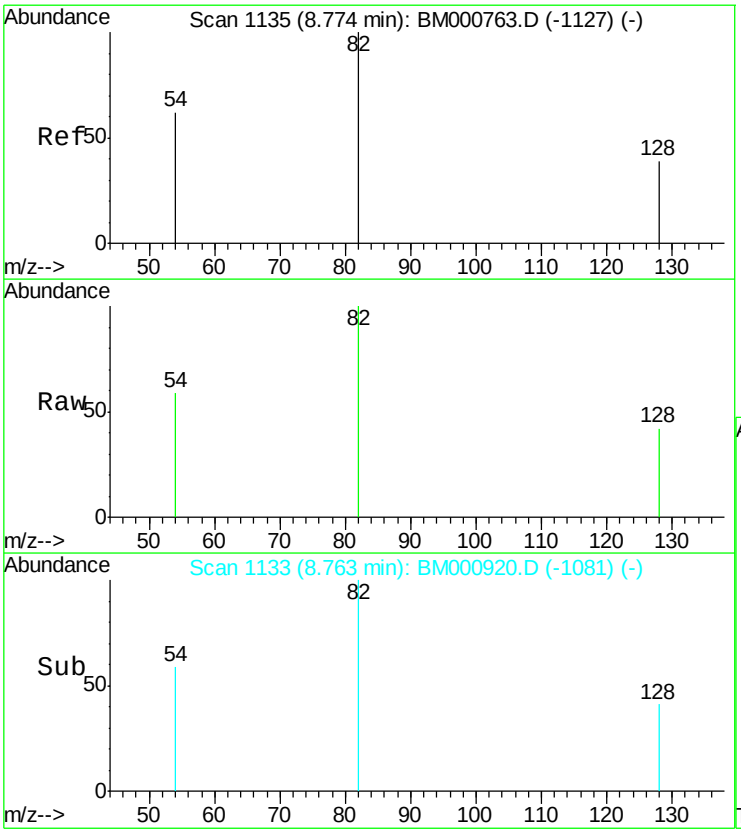
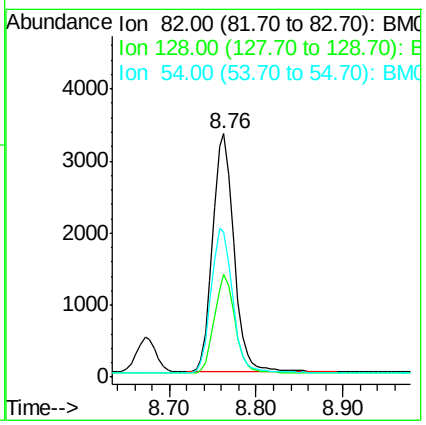
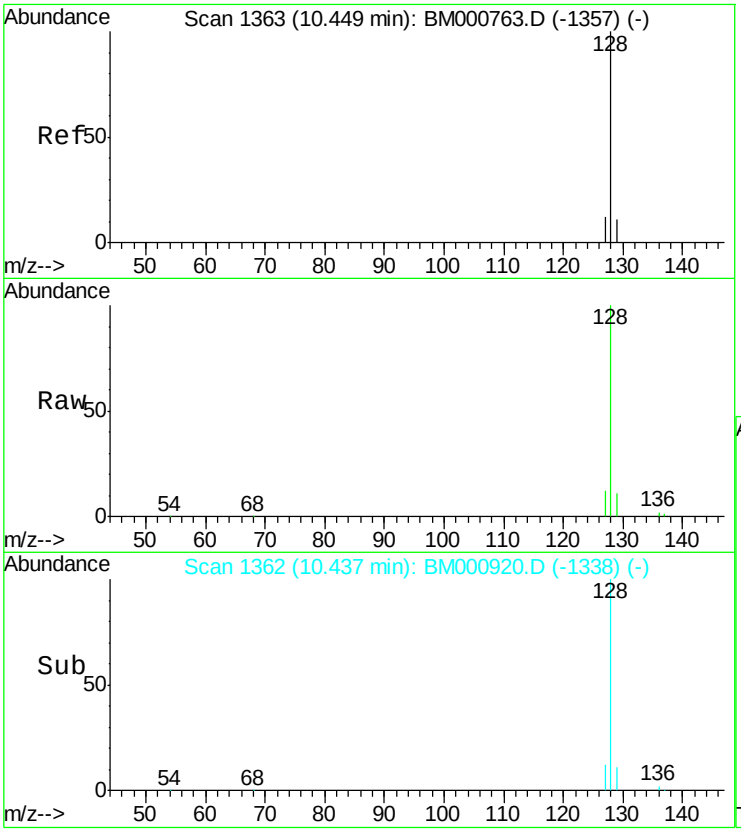


#5
Nitrobenzene-d5
Concen: 0.96 ng
RT: 8.76 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion: 82 Resp: 5690

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.2	48.2
54	59.5	50.2	75.4

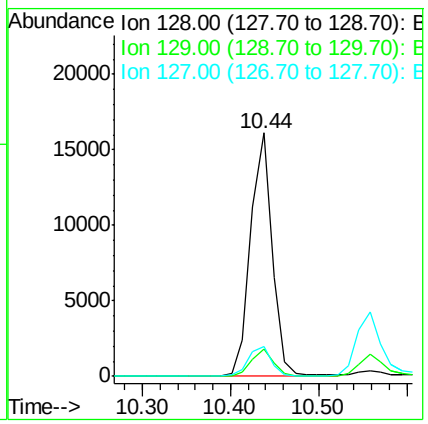




#6
Naphthalene
Concen: 0.99 ng
RT: 10.44 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:128 Resp: 27212

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.2	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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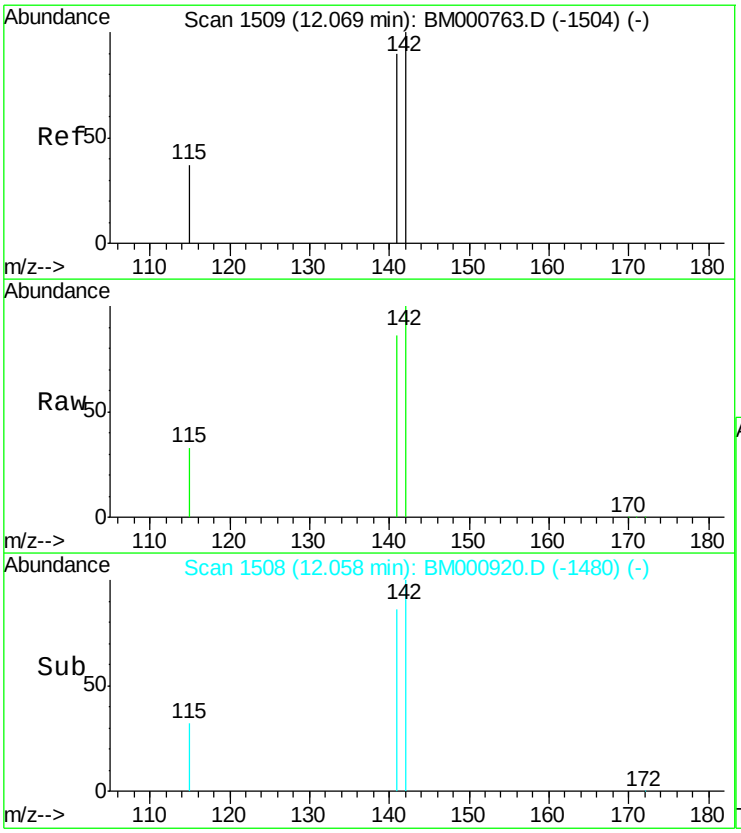
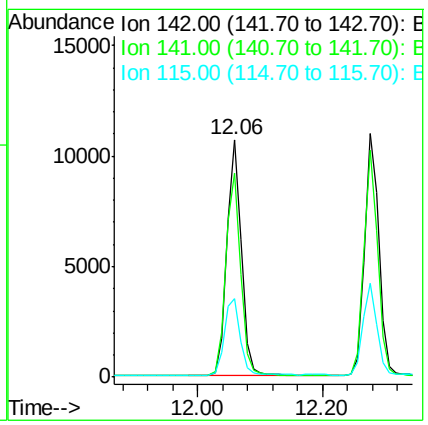
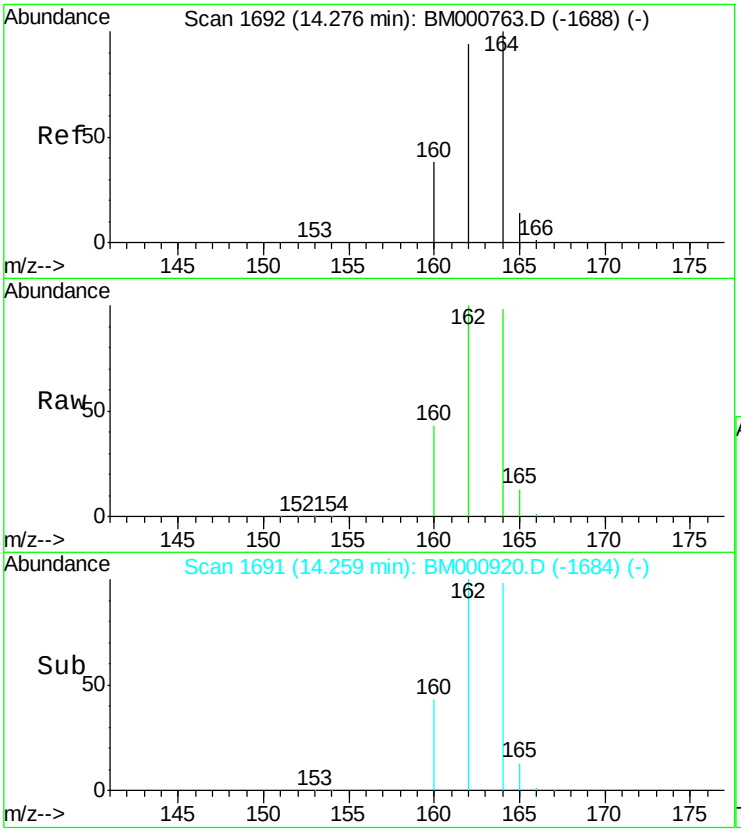


#7
2-Methylnaphthalene
Concen: 1.01 ng
RT: 12.06 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:142 Resp: 17596

Ion	Ratio	Lower	Upper
142	100		
141	85.8	72.3	108.5
115	32.9	29.5	44.3

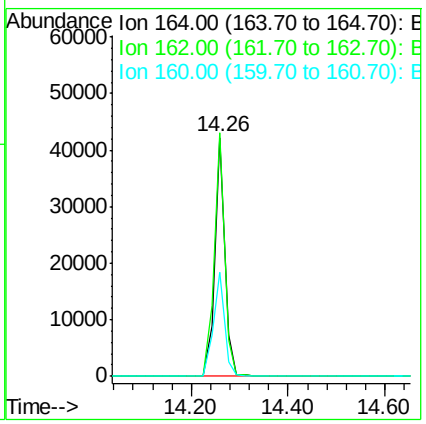




#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:164 Resp: 60876

Ion	Ratio	Lower	Upper
164	100		
162	101.9	75.4	113.2
160	43.8	30.8	46.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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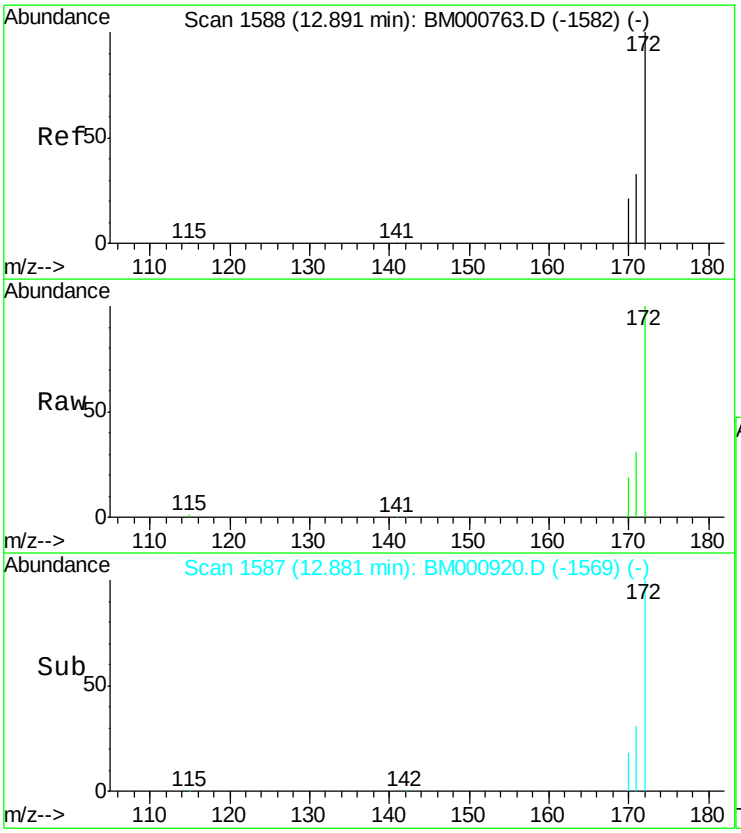
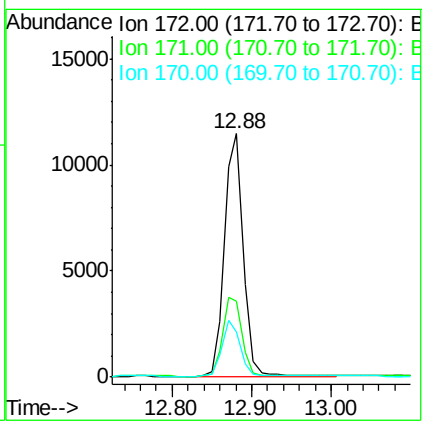
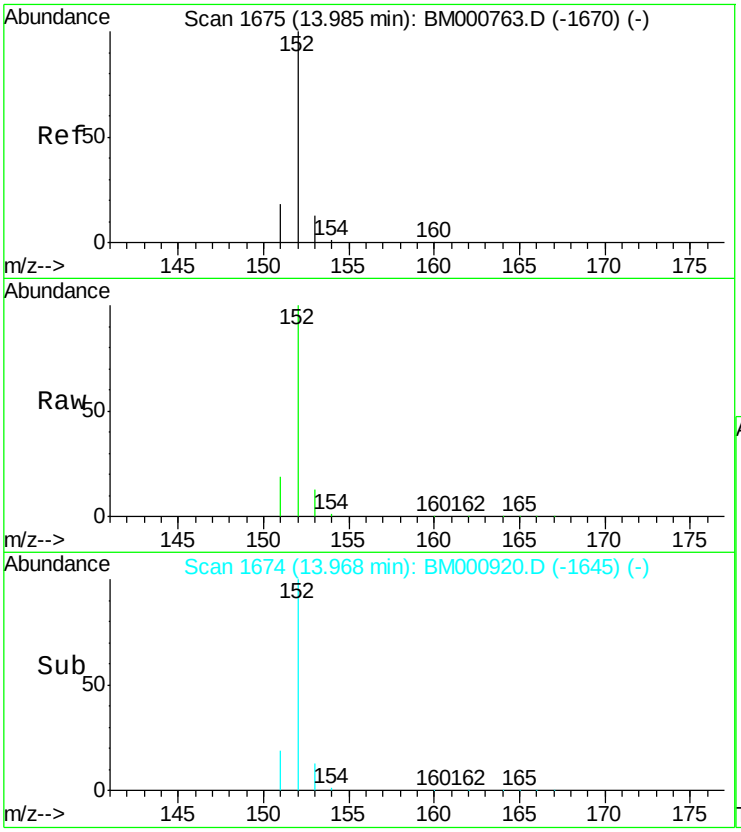


#9
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 12.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:172 Resp: 18502

Ion	Ratio	Lower	Upper
172	100		
171	31.1	26.6	39.8
170	18.8	17.1	25.7

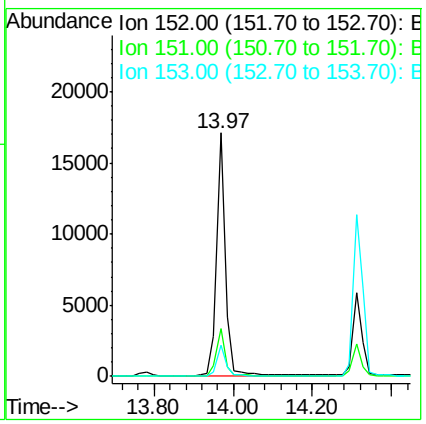




#10
Acenaphthylene
Concen: 0.98 ng
RT: 13.97 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:152 Resp: 26331

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7
153	12.8	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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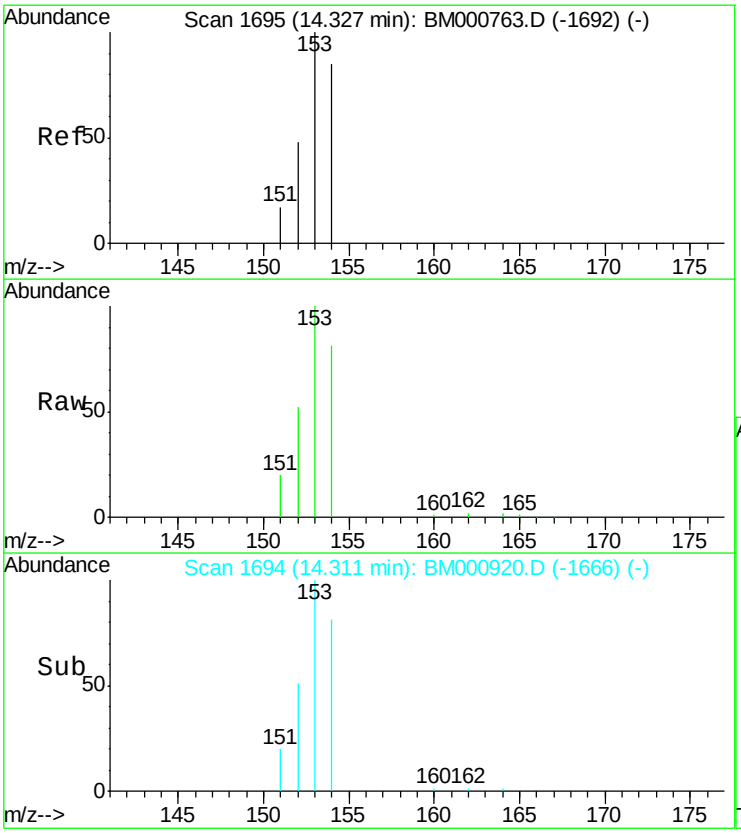
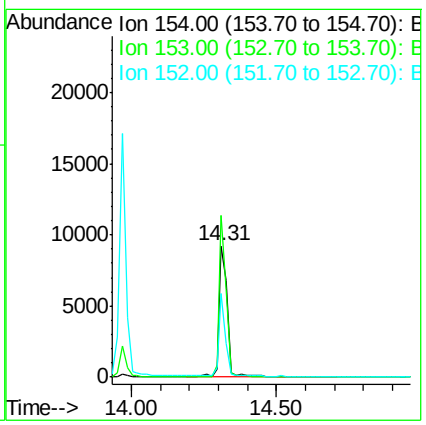
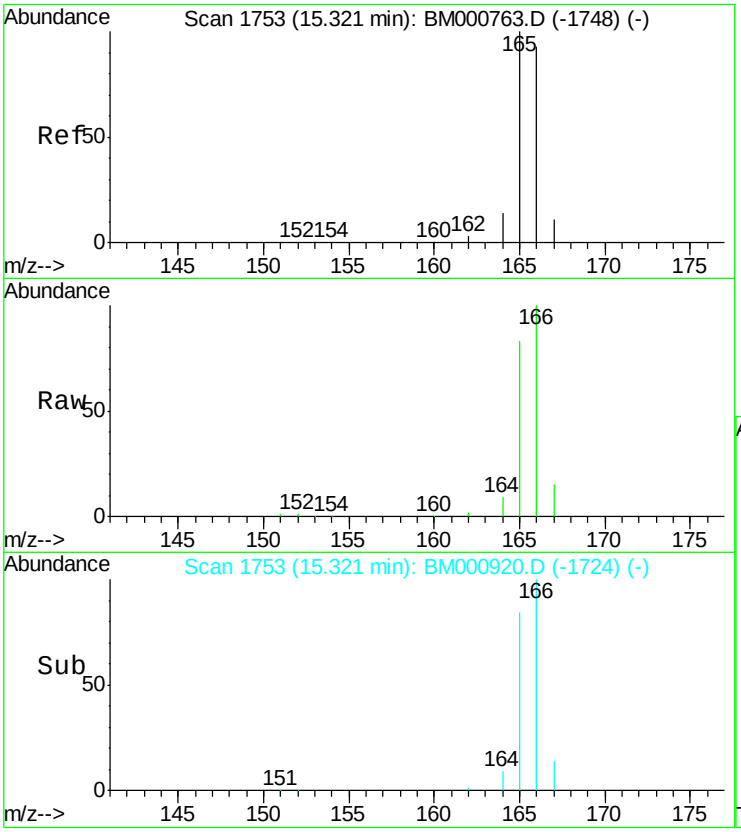


#11
Acenaphthene
Concen: 0.96 ng
RT: 14.31 min Scan# 1694
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:154 Resp: 17879

Ion	Ratio	Lower	Upper
154	100		
153	107.2	87.3	130.9
152	51.4	43.0	64.6

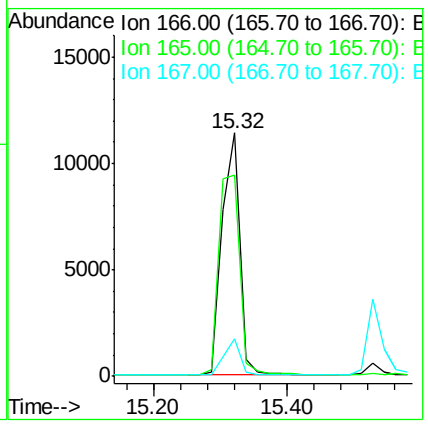




#12
Fluorene
Concen: 1.01 ng
RT: 15.32 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:166 Resp: 21075

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.2	117.2
167	13.4	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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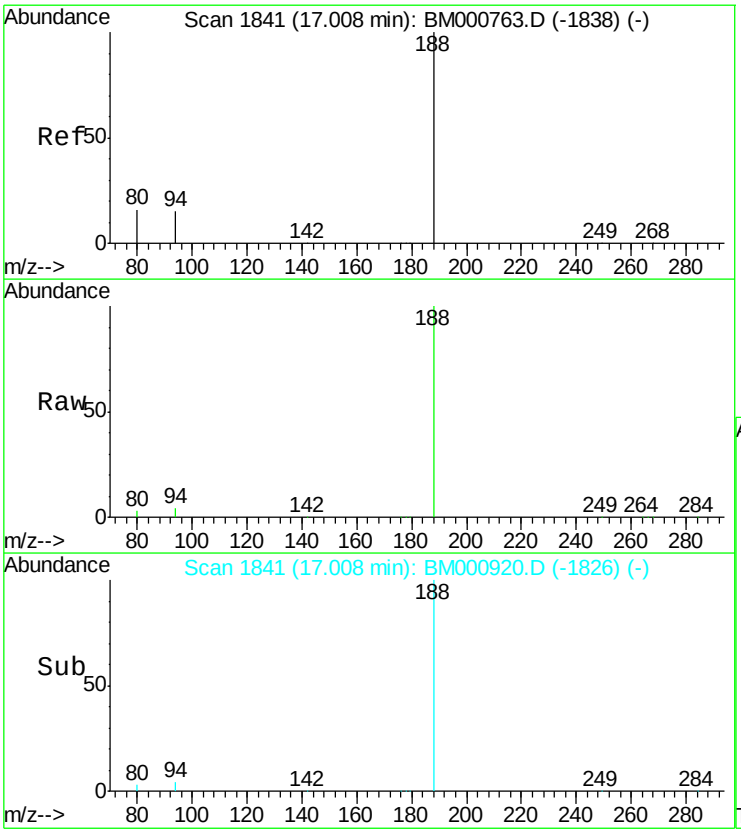
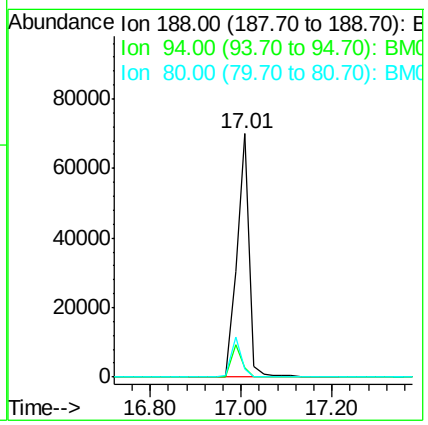
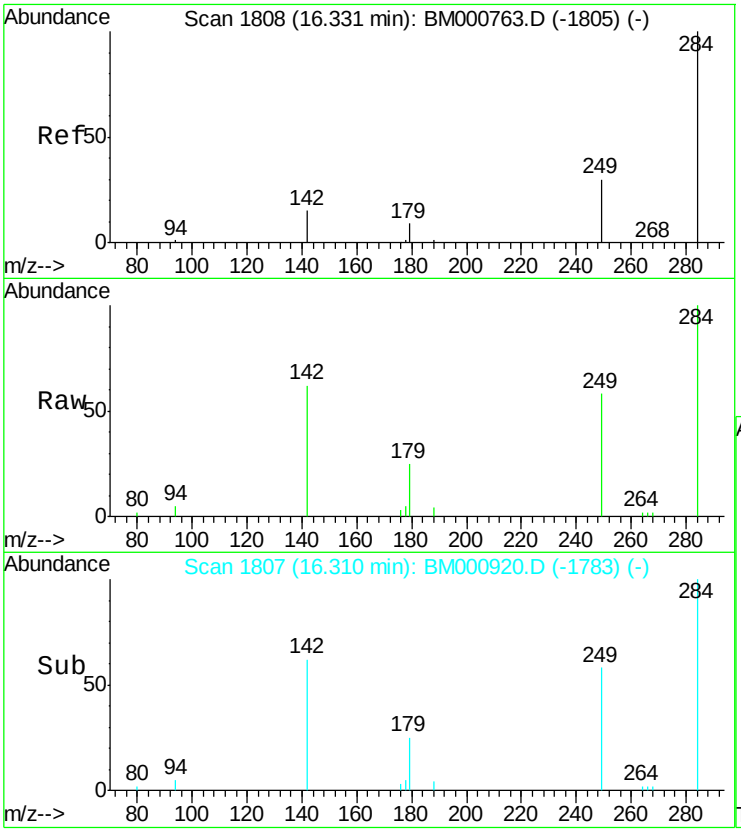


#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:188 Resp: 129851

Ion	Ratio	Lower	Upper
188	100		
94	4.1	12.0	18.0#
80	3.5	12.8	19.2#

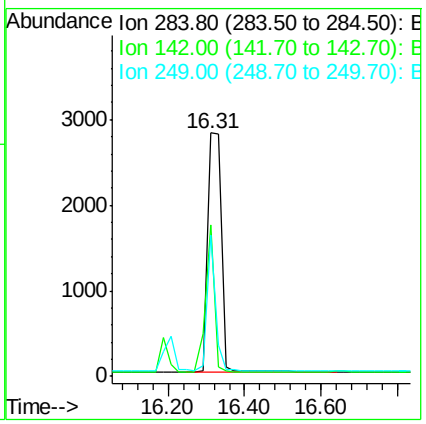




#14
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.31 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:284 Resp: 7031

Ion	Ratio	Lower	Upper
284	100		
142	39.1	0.0	0.0#
249	34.3	25.2	37.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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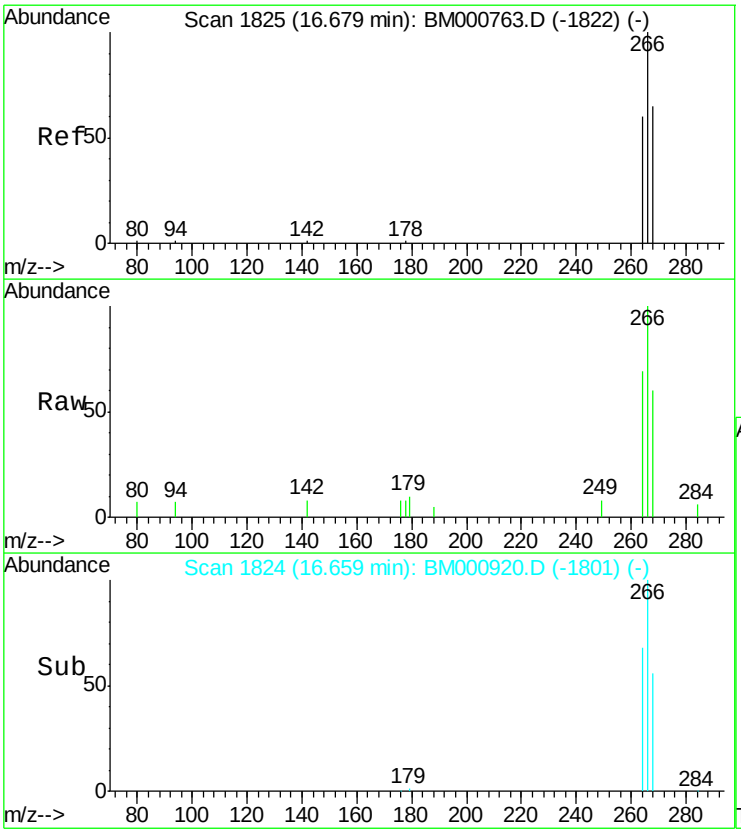
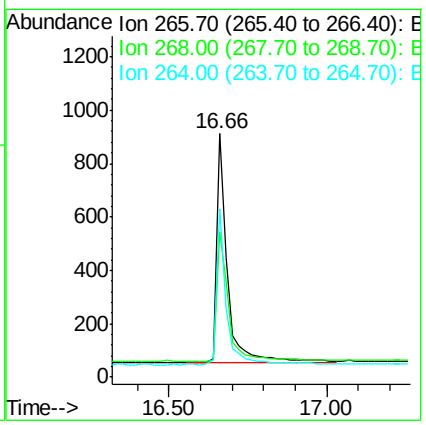
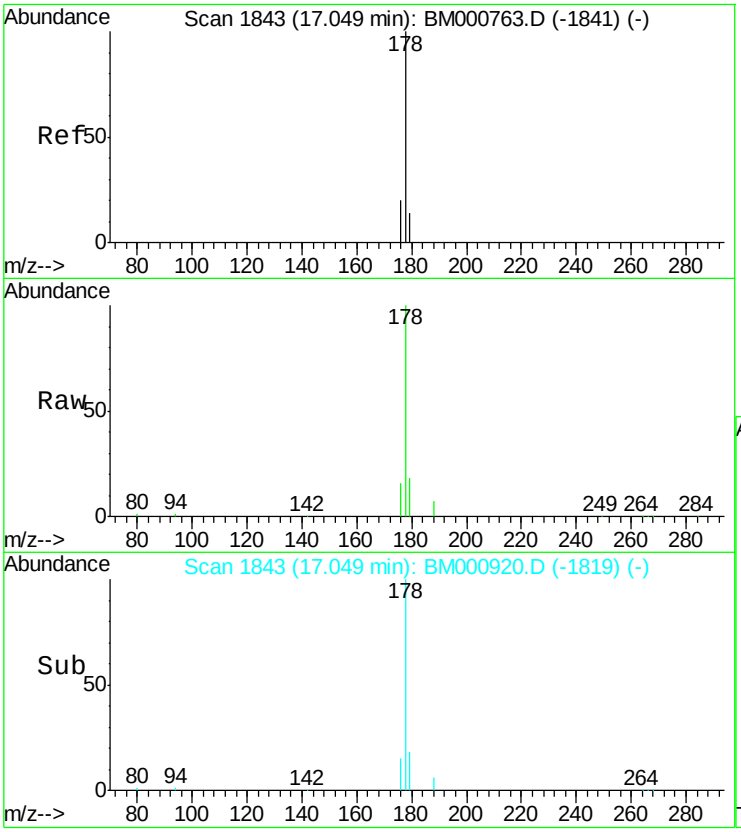


#15
Pentachlorophenol
Concen: 1.33 ng
RT: 16.66 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:266 Resp: 2037

Ion	Ratio	Lower	Upper
266	100		
268	59.5	55.0	82.6
264	69.2	51.0	76.4

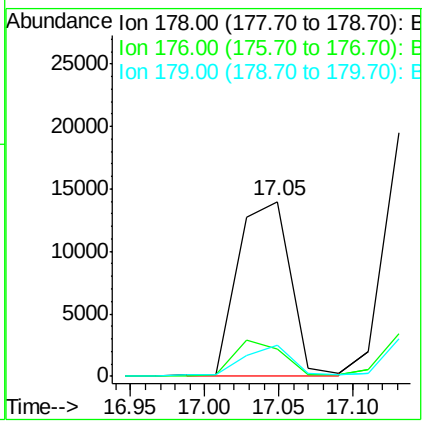




#16
Phenanthrene
Concen: 0.96 ng m
RT: 17.05 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:178 Resp: 34211

Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.3	22.9
179	14.1	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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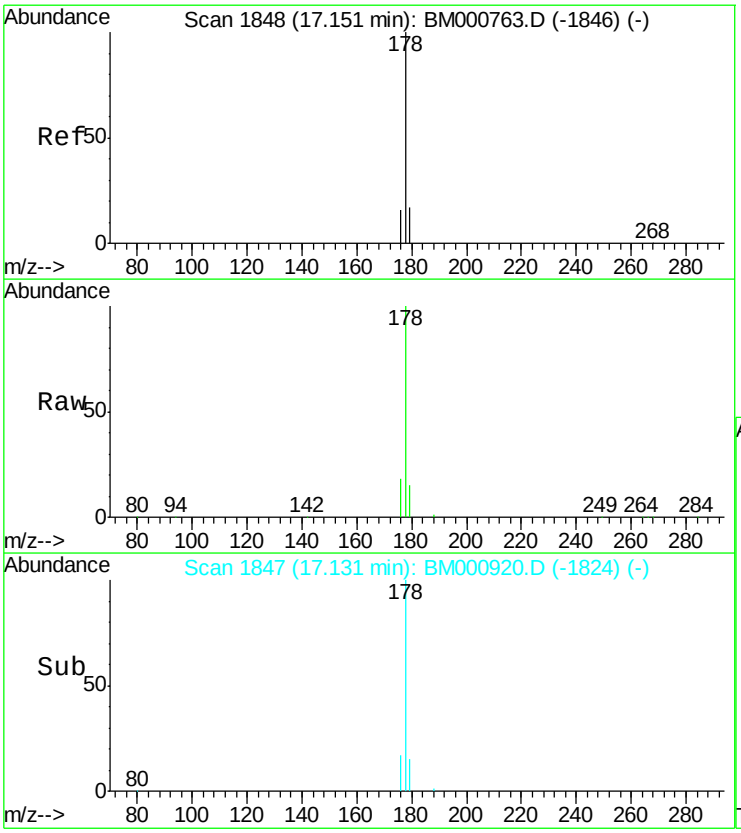
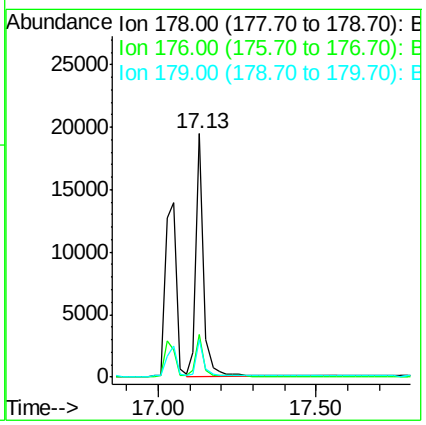
4/9/2015 4:32:55 PM

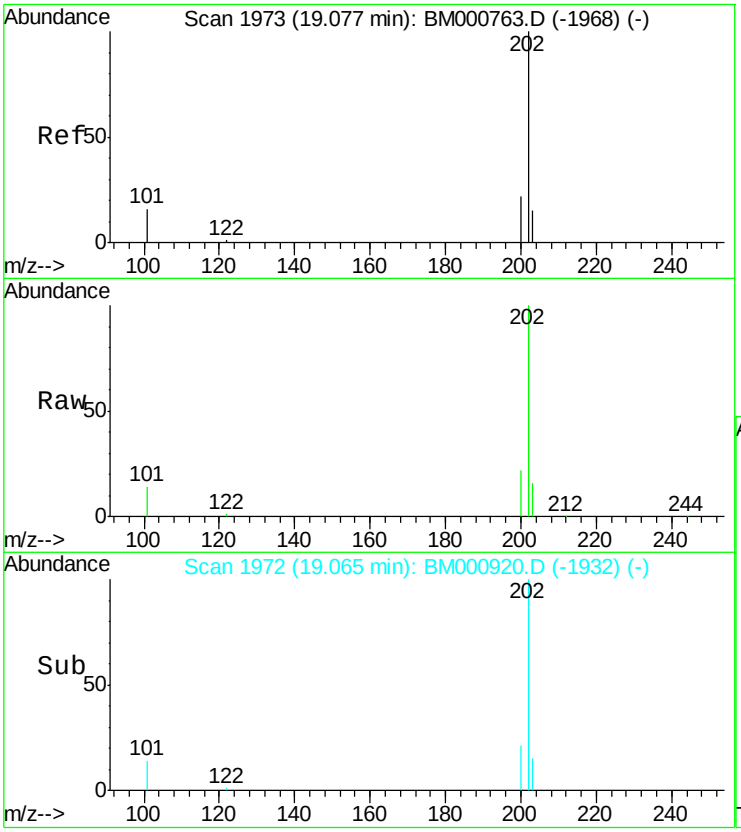


#17
Anthracene
Concen: 1.07 ng
RT: 17.13 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:178 Resp: 31938

Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.6	22.0
179	15.1	12.2	18.4





#18
Fluoranthene
Concen: 1.04 ng
RT: 19.06 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:202 Resp: 36665

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.5	15.7
203	17.1	13.8	20.8

Instrument :
BNA_M
ClientSampleId :
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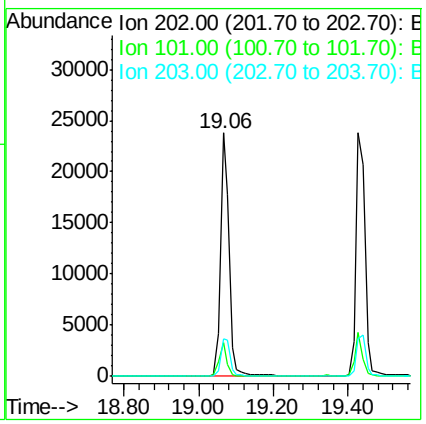
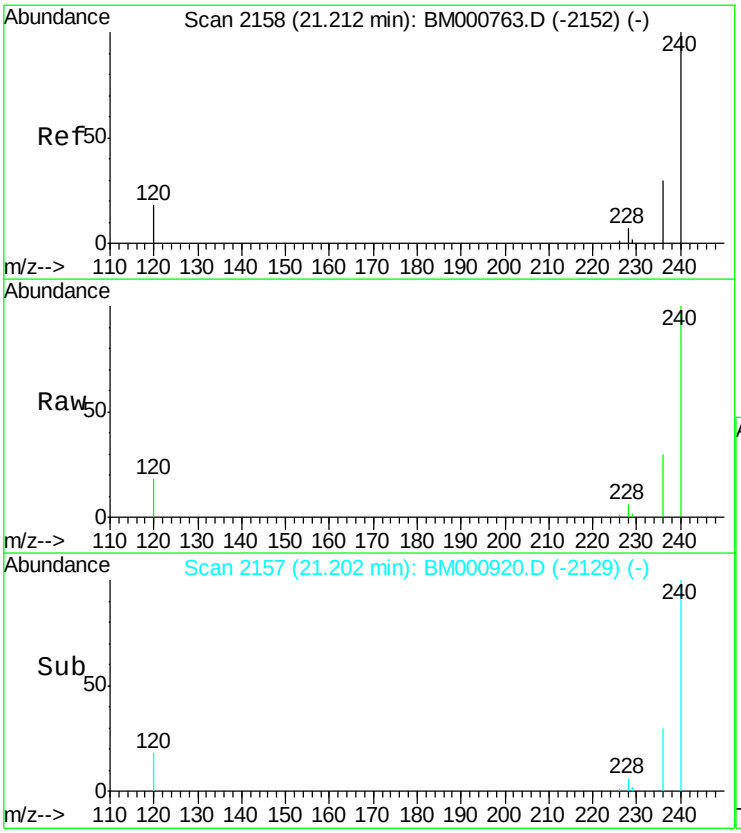
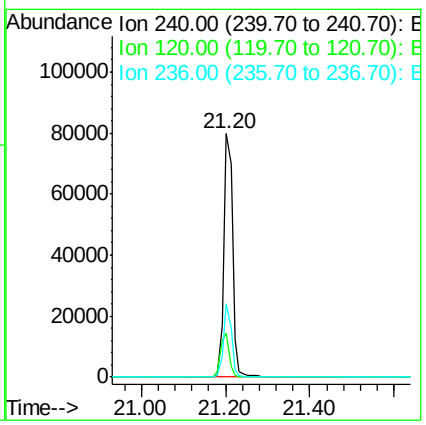


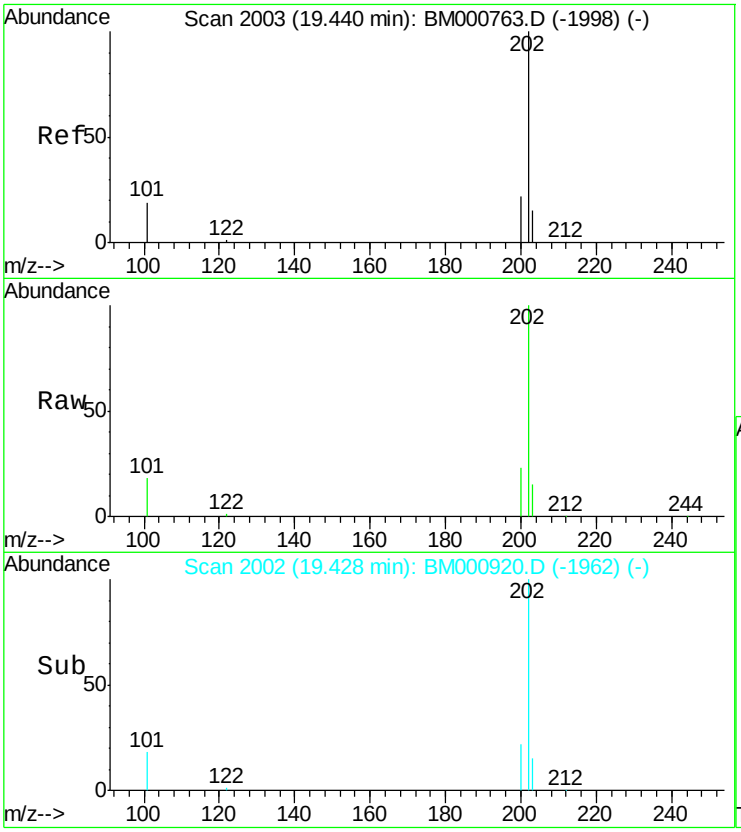


#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.20 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:240 Resp: 116145

Ion	Ratio	Lower	Upper
240	100		
120	18.1	14.9	22.3
236	30.2	24.2	36.4

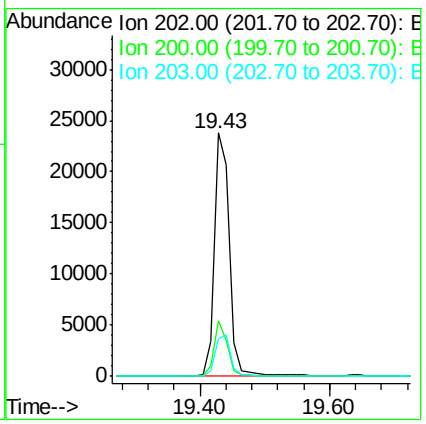




#20
Pyrene
Concen: 1.01 ng
RT: 19.43 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:202 Resp: 38103

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.2	24.2
203	17.3	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
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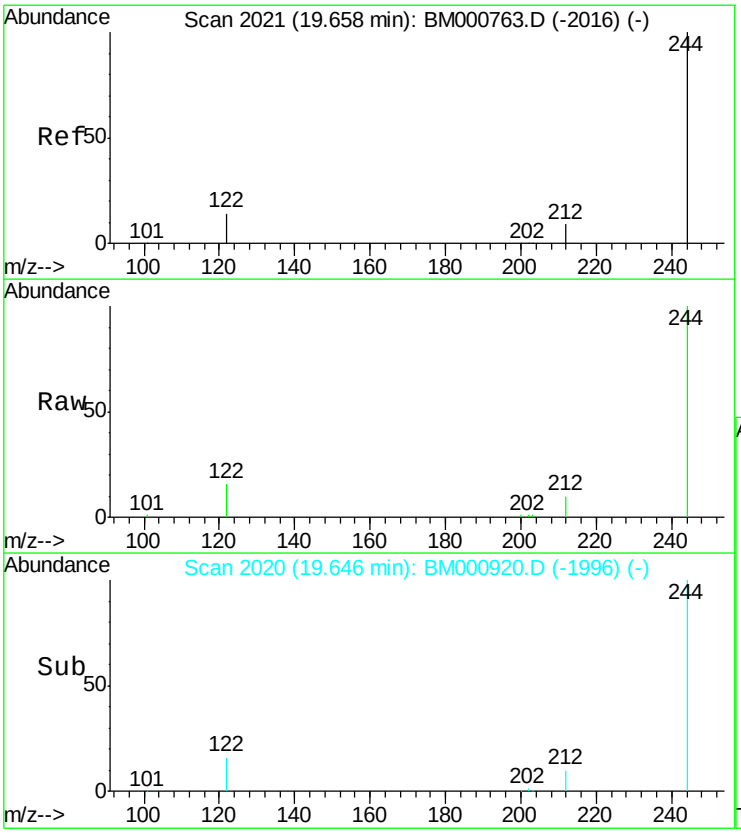
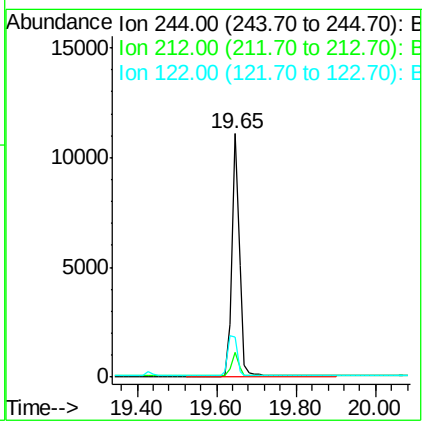
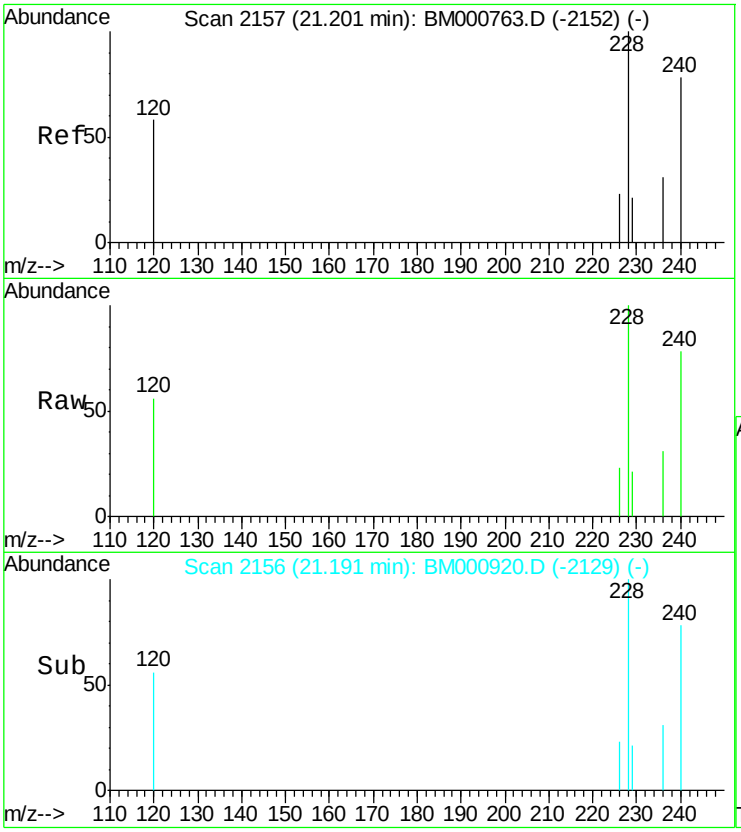


#21
Terphenyl-d14
Concen: 1.02 ng
RT: 19.65 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:244 Resp: 14282

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.8	11.6
122	16.3	11.8	17.8

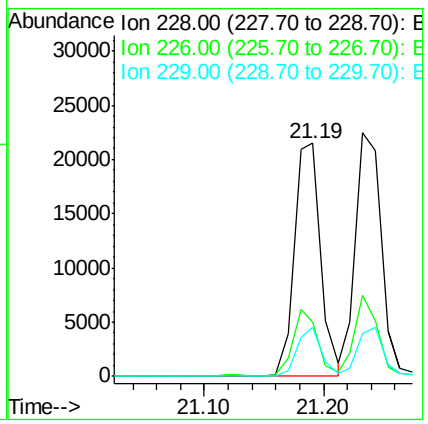




#22
Benzo(a)anthracene
Concen: 0.99 ng
RT: 21.19 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:228 Resp: 32936

Ion	Ratio	Lower	Upper
228	100		
226	23.0	18.6	27.8
229	21.2	17.2	25.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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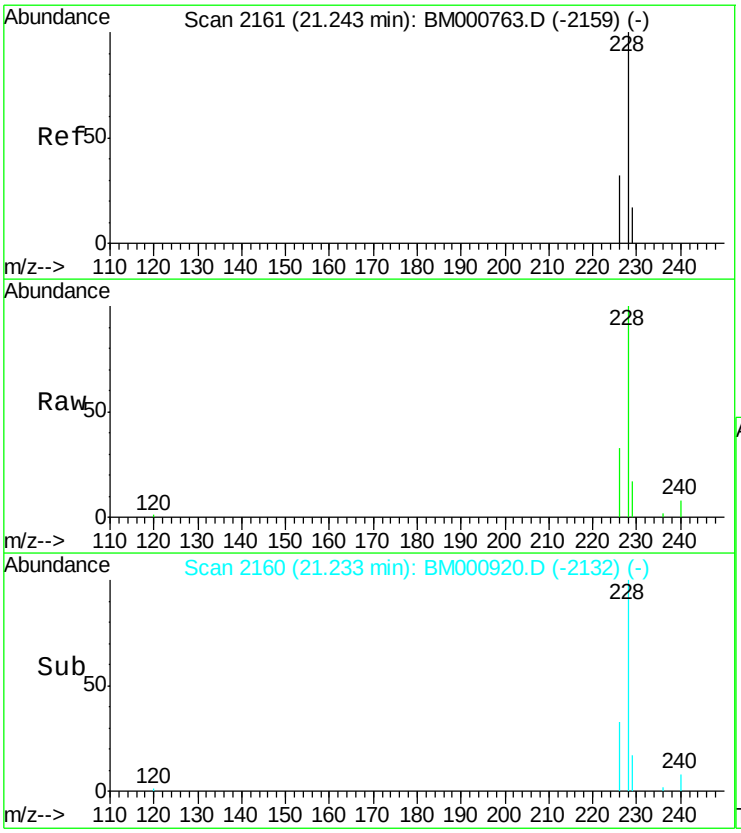
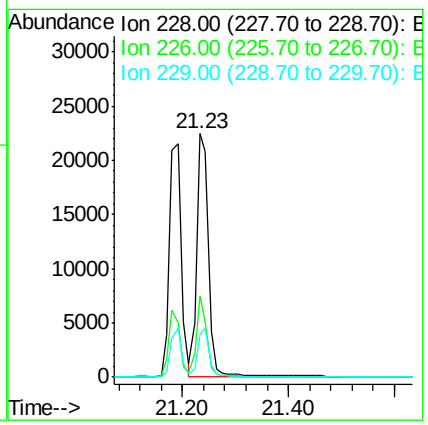
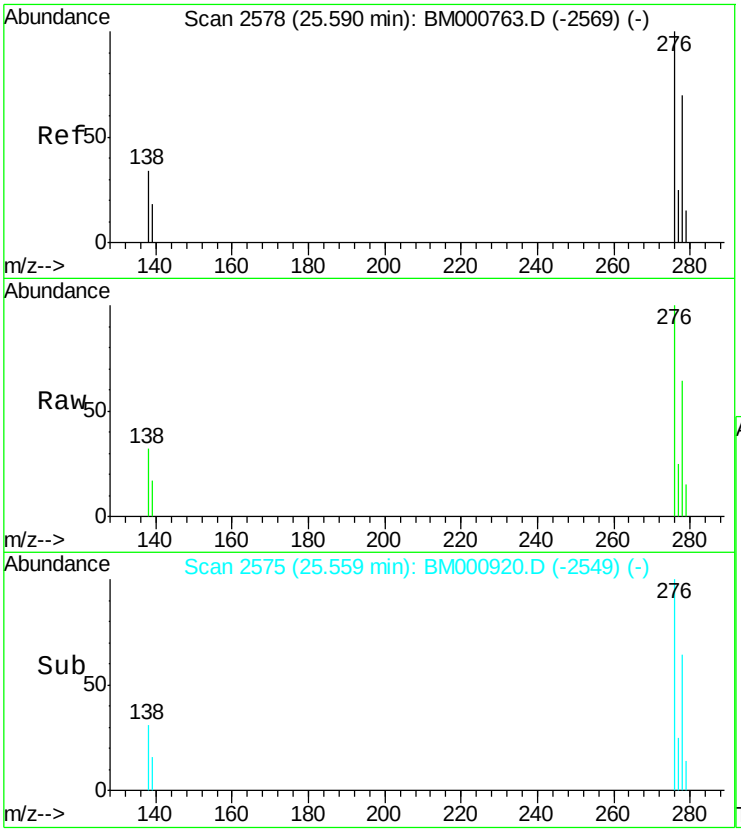


#23
Chrysene
Concen: 0.98 ng
RT: 21.23 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:228 Resp: 34243

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.8	38.8
229	17.3	13.8	20.6

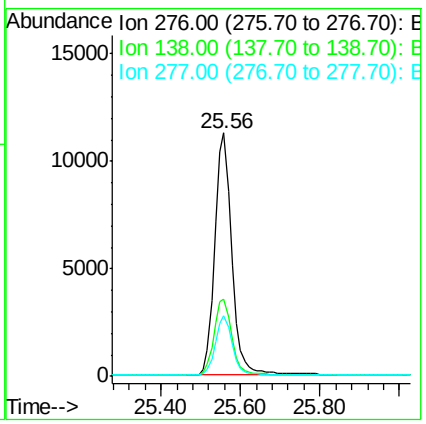




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.94 ng
RT: 25.56 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:276 Resp: 34000

Ion	Ratio	Lower	Upper
276	100		
138	33.0	27.4	41.2
277	24.4	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
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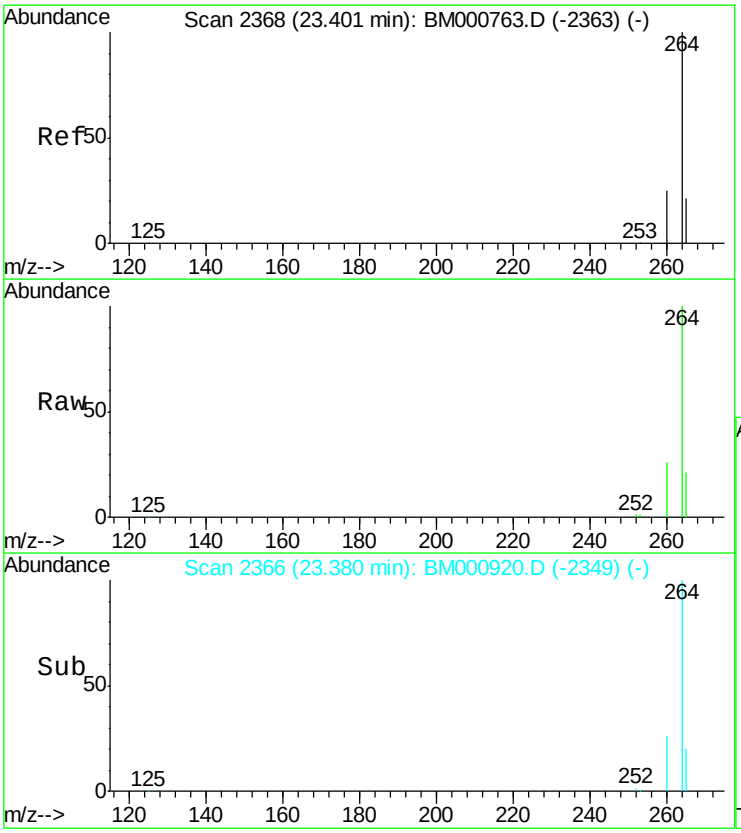
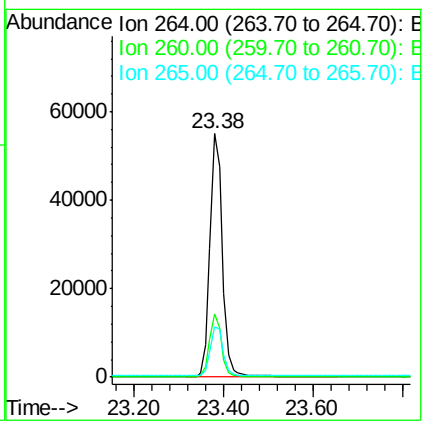
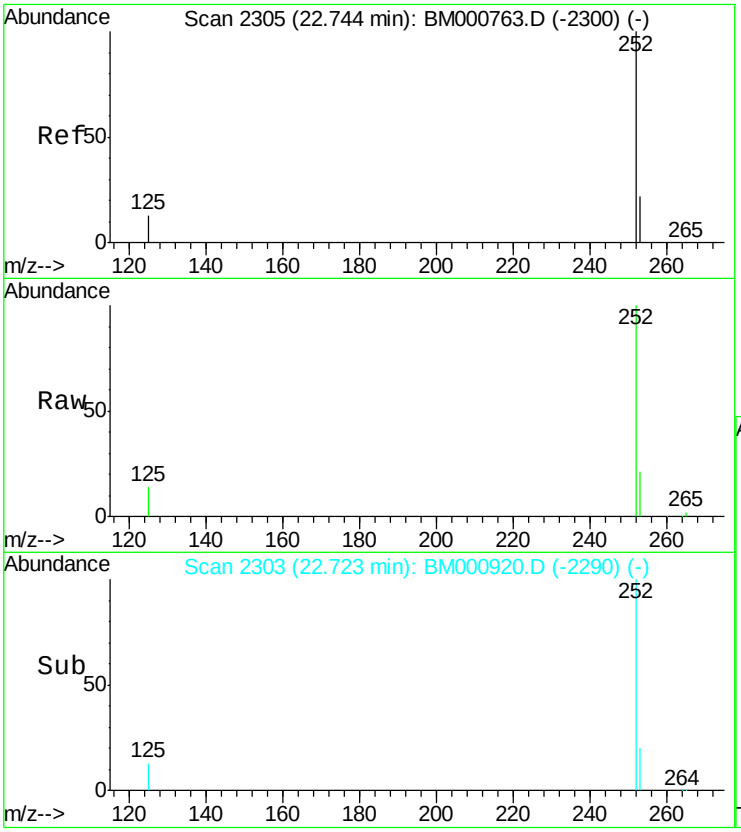


#25
Perylene-d12
Concen: 5.00 ng
RT: 23.38 min Scan# 2366
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:264 Resp: 106033

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	20.7	17.4	26.0

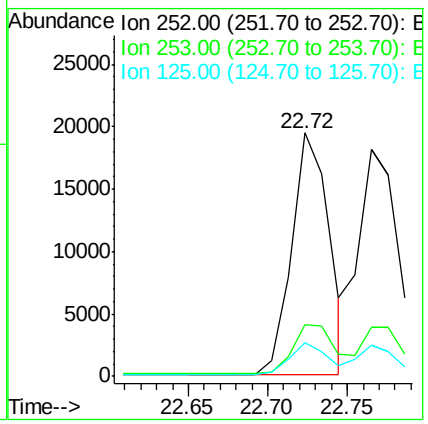




#26
Benzo(b)fluoranthene
Concen: 0.95 ng
RT: 22.72 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:252 Resp: 31792

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.5	27.7
125	13.9	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
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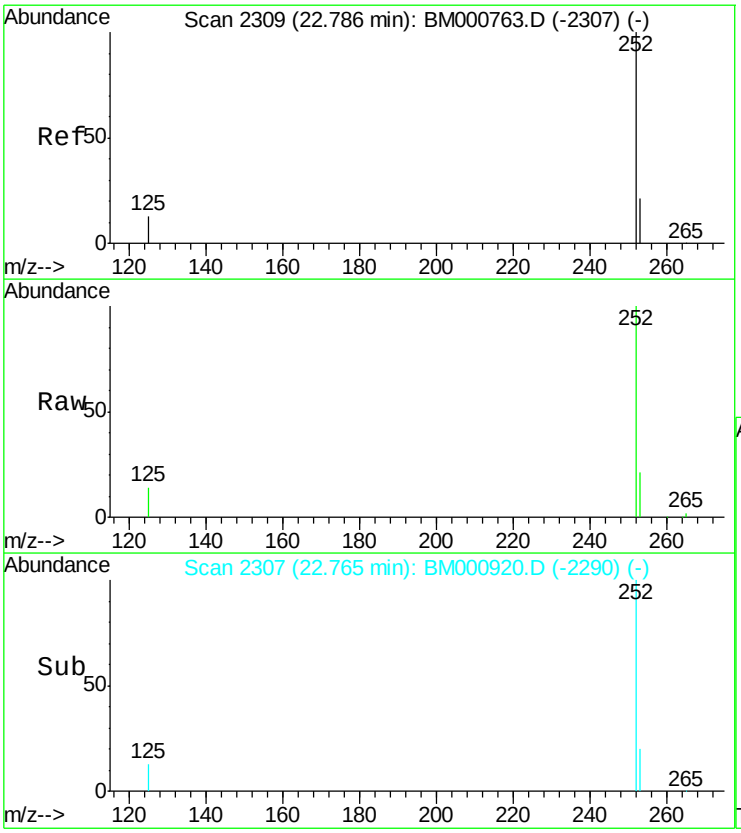
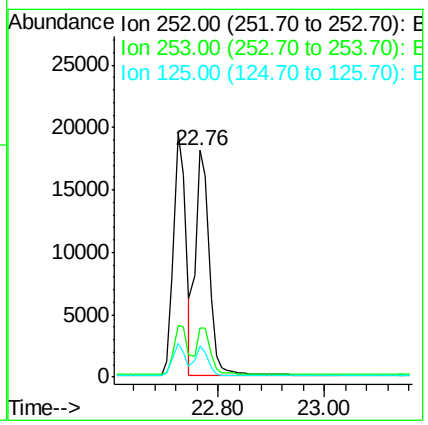
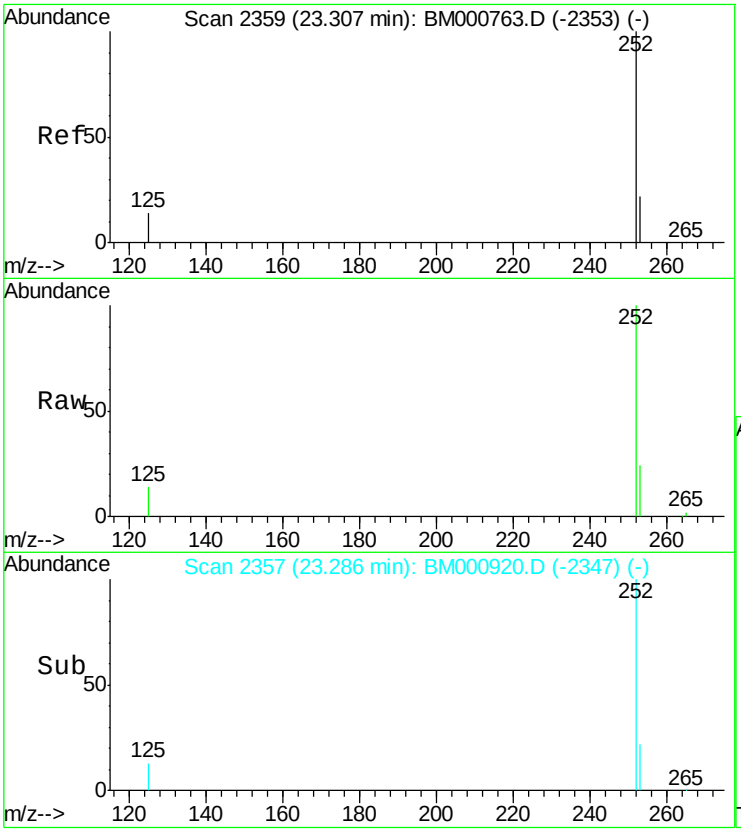


#27
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.76 min Scan# 2307
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:252 Resp: 32783

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	13.9	10.8	16.2

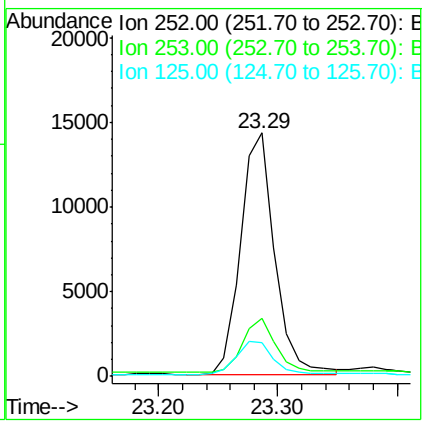




#28
Benzo(a)pyrene
Concen: 0.99 ng
RT: 23.29 min Scan# 2357
Delta R.T. -0.02 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:252 Resp: 28267

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	14.1	11.5	17.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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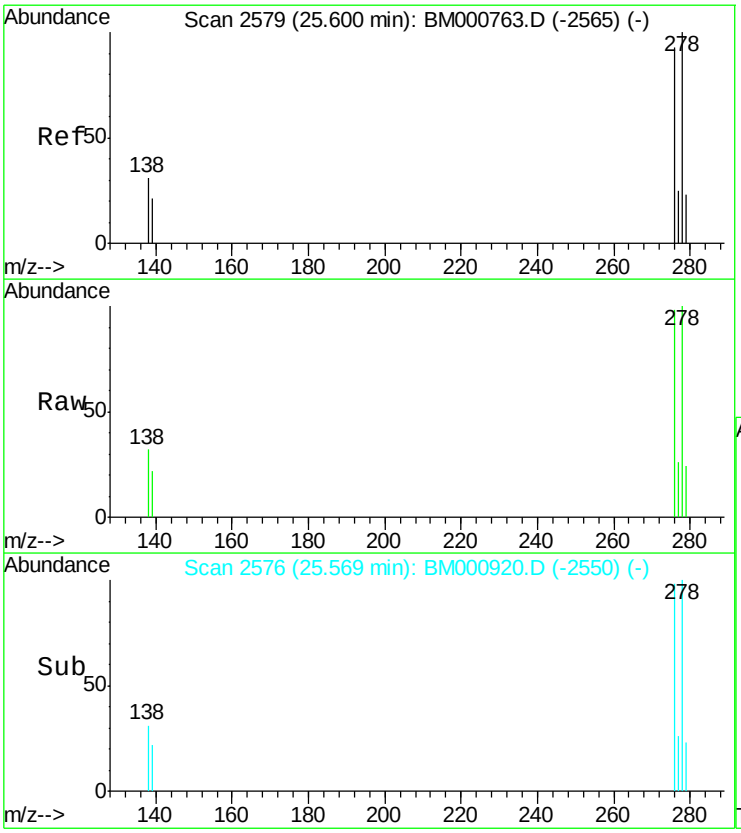
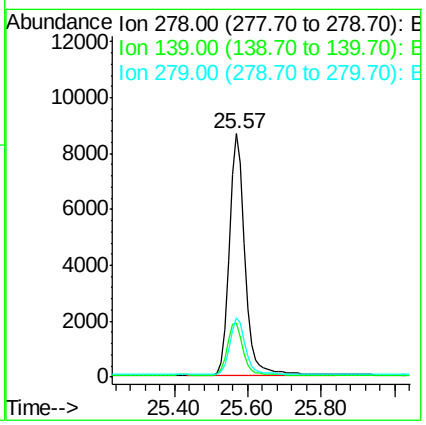
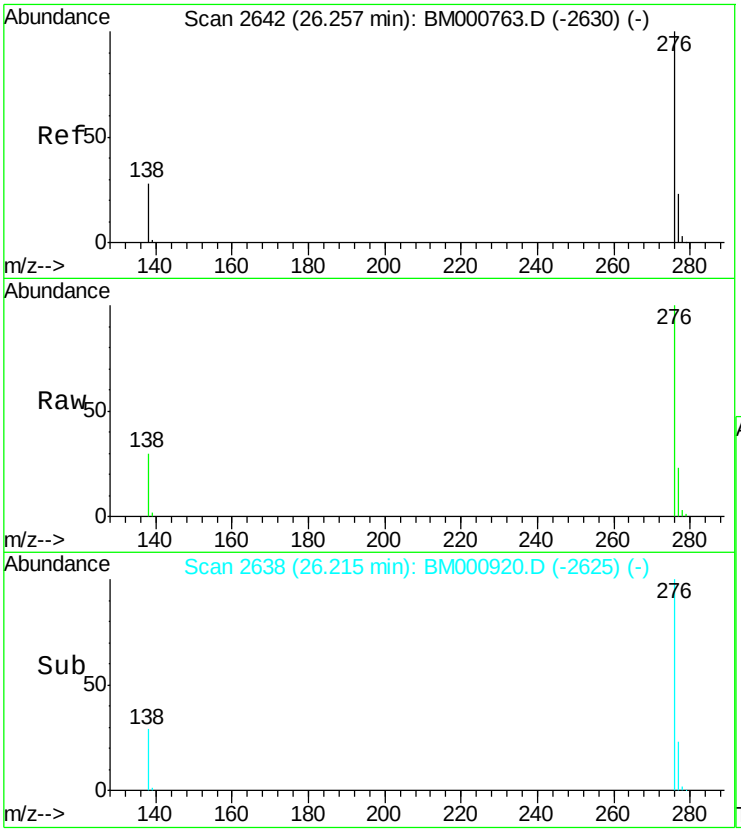


#29
Dibenzo(a,h)anthracene
Concen: 0.91 ng
RT: 25.57 min Scan# 2576
Delta R.T. -0.03 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:278 Resp: 25738

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.8	26.6
279	24.3	19.3	28.9

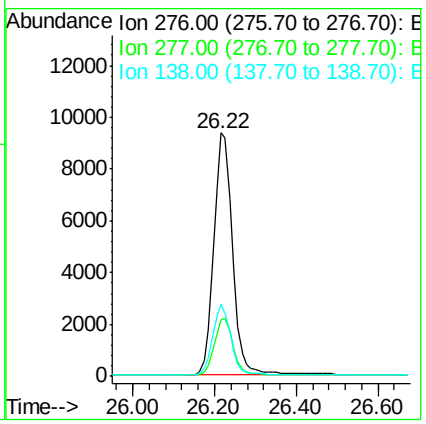




#30
Benzo(g,h,i)perylene
Concen: 0.97 ng
RT: 26.22 min Scan# 2638
Delta R.T. -0.04 min
Lab File: BM000920.D
Acq: 09 Apr 2015 09:19

Tgt Ion:276 Resp: 29657

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	29.6	23.1	34.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

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