Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001746.D
Acq On : 18 Jun 2015 20:47
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.2

Manual Integrations APPROVED
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Quant Time: Jun 19 04:29:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 04:18:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	16460	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	59439	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	28721	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	71933	5.00	ng		0.00
25) Chrysene-d12	21.25	240	44906	5.00	ng		0.00
32) Perylene-d12	23.47	264	40235	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	773	0.20	ng		0.00
5) Phenol-d6	6.83	99	985	0.20	ng		0.00
7) Nitrobenzene-d5	8.83	82	906	0.20	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	169	0.17	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	2146	0.21	ng		0.00
27) Terphenyl-d14	19.70	244	1342	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	446	0.22	ng		94
3) n-Nitrosodimethylamine	3.49	42	554	0.19	ng	#	99
8) Nitrobenzene	8.87	77	955	0.19	ng		99
9) Naphthalene	10.49	128	3080	0.21	ng		96
10) Hexachlorobutadiene	10.78	225	523	0.22	ng		100
11) 2-Methylnaphthalene	12.12	142	1911	0.20	ng		95
15) Acenaphthylene	14.03	152	2616	0.19	ng		99
16) Acenaphthene	14.37	154	1768	0.21	ng		99
17) Fluorene	15.36	166	1561	0.18	ng		99
19) 4-Bromophenyl-phenylether	16.24	248	601	0.09	ng		97
20) Hexachlorobenzene	16.38	284	442	0.07	ng	#	100
21) Pentachlorophenol	16.72	266	171	0.10	ng	#	85
22) Phenanthrene	17.09	178	4934	0.21	ng		98
23) Anthracene	17.19	178	2101m	0.08	ng		
24) Fluoranthene	19.12	202	3134	0.10	ng		100
26) Pyrene	19.49	202	3207	0.21	ng		99
28) Benzo(a)anthracene	21.24	228	2735	0.19	ng		96
29) Chrysene	21.28	228	3000	0.22	ng		98
30) Bis(2-ethylhexyl)phthalate	21.16	149	1580	0.18	ng		98
31) Indeno(1,2,3-cd)pyrene	25.70	276	2744	0.25	ng		100
33) Benzo(b)fluoranthene	22.80	252	2653	0.20	ng	#	90
34) Benzo(k)fluoranthene	22.84	252	2400	0.19	ng	#	91
35) Benzo(a)pyrene	23.38	252	2205	0.20	ng	#	87
36) Dibenzo(a,h)anthracene	25.72	278	2197	0.23	ng	#	90
37) Benzo(g,h,i)perylene	26.39	276	2376	0.23	ng		92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001746.D
Acq On : 18 Jun 2015 20:47
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Misc :
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Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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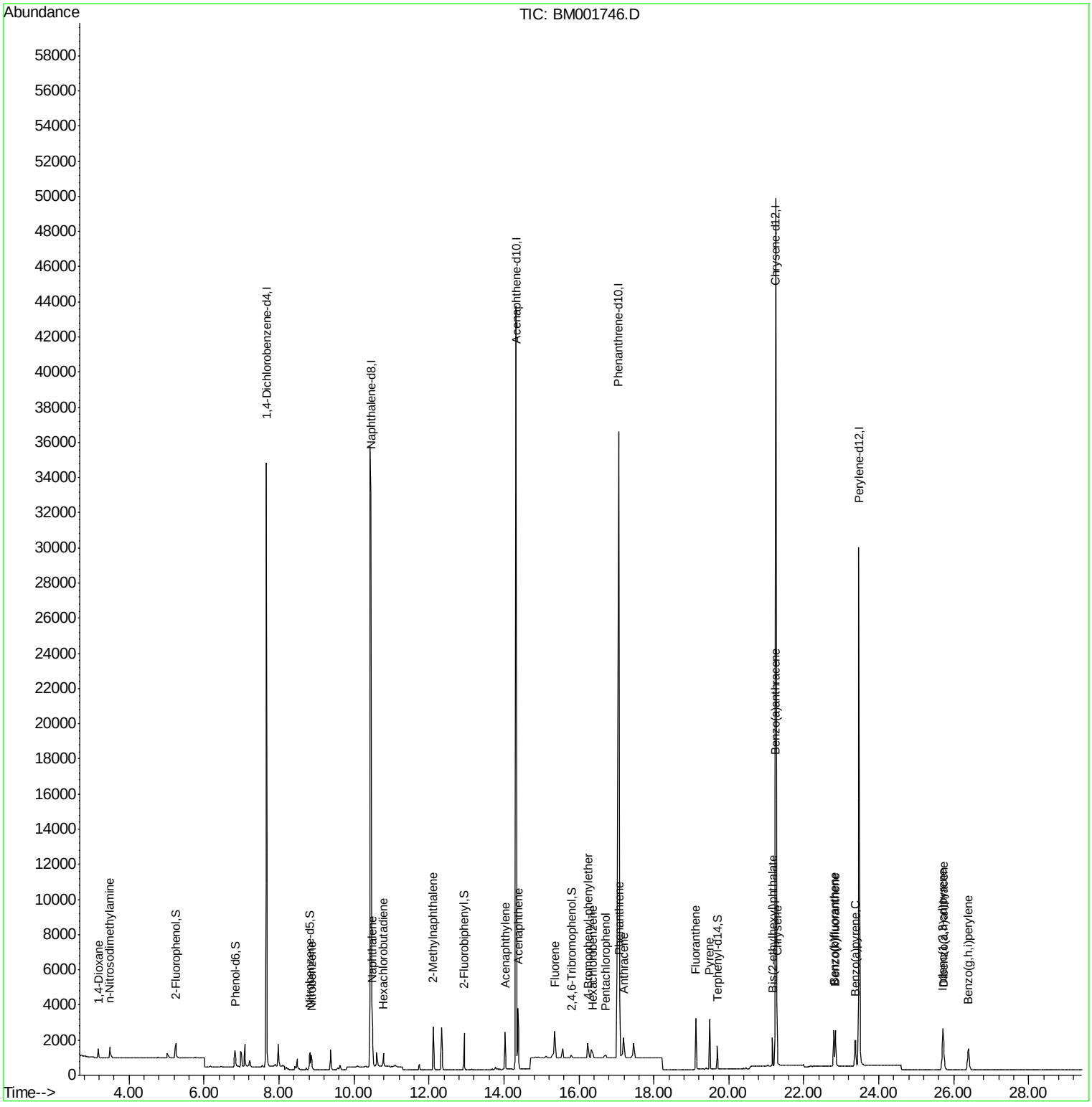
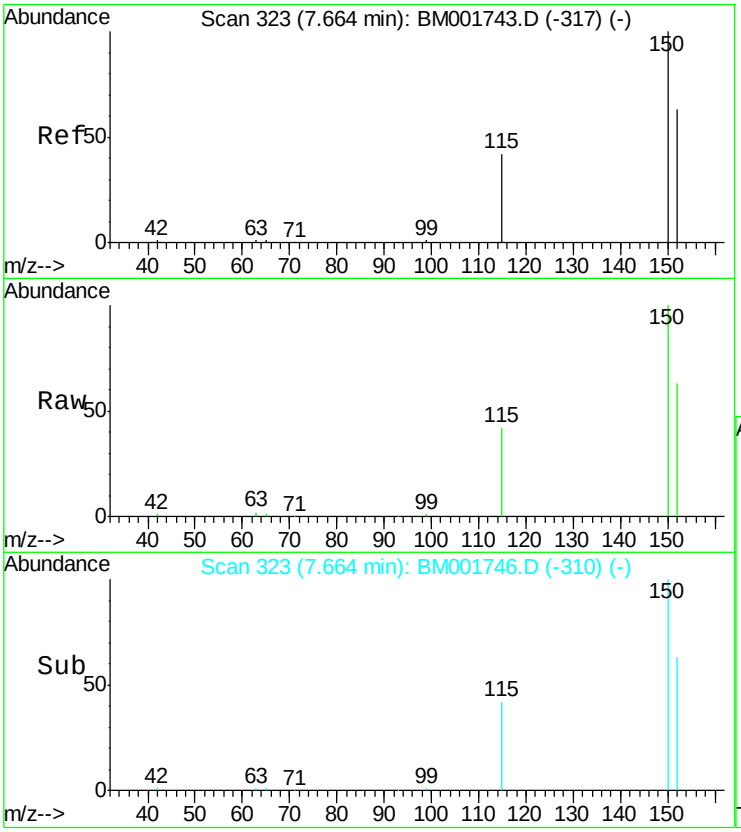
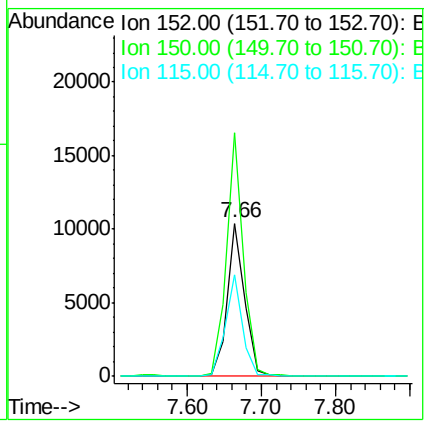




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:152 Resp: 16460

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.5	191.3
115	66.4	53.2	79.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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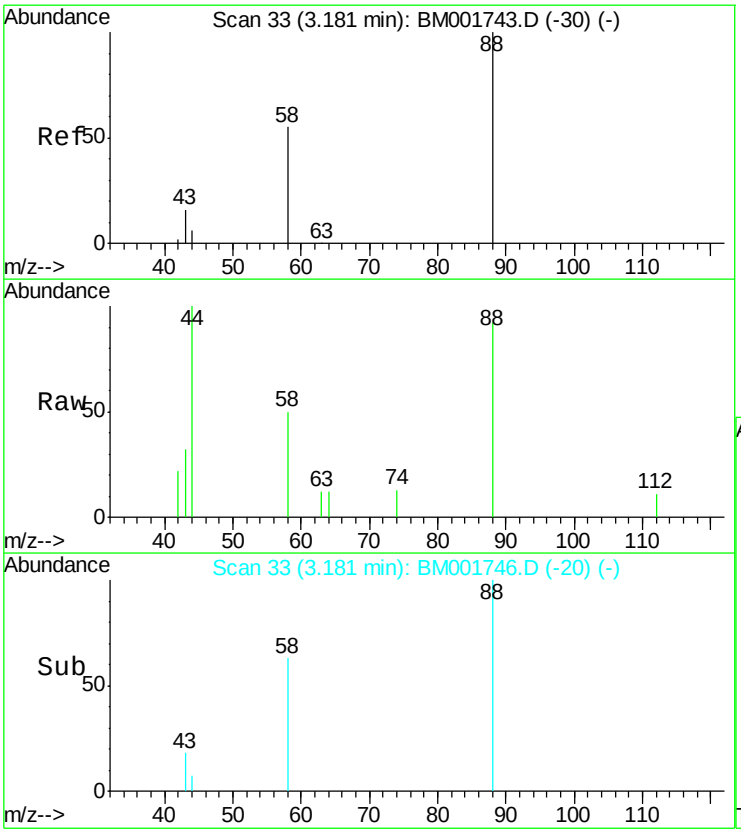
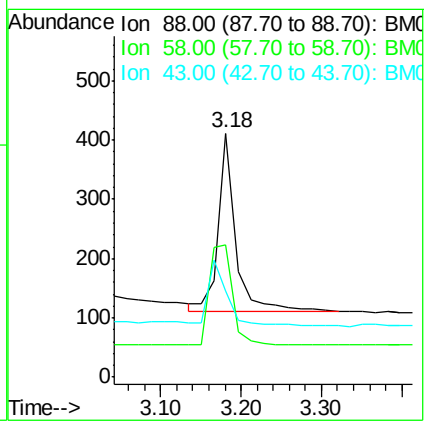
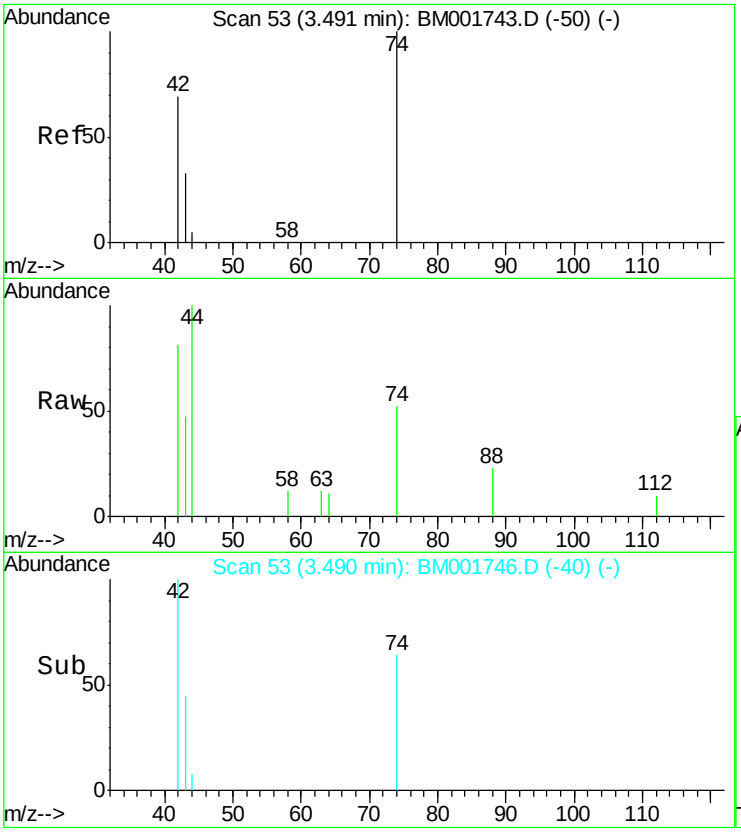


#2
1,4-Dioxane
Concen: 0.22 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion: 88 Resp: 446

Ion	Ratio	Lower	Upper
88	100		
58	78.5	68.3	102.5
43	39.2	32.6	48.8





#3
n-Nitrosodimethylamine
Concen: 0.19 ng
RT: 3.49 min Scan# 53
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion: 42 Resp: 554

Ion	Ratio	Lower	Upper
42	100		
74	99.5	78.6	118.0
44	8.5	5.0	7.6#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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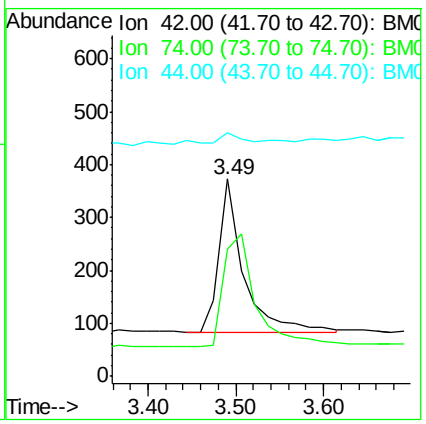
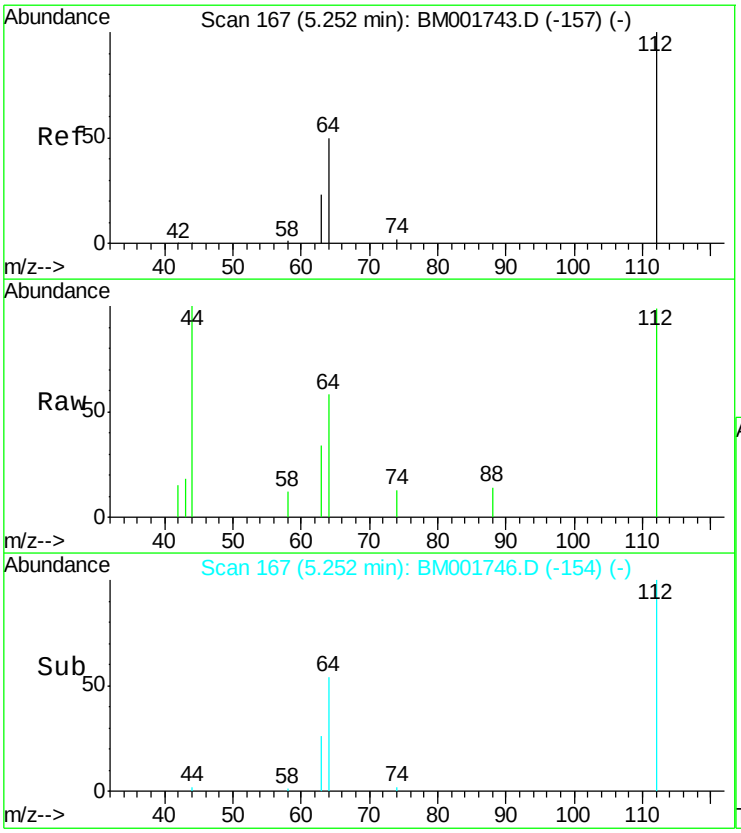
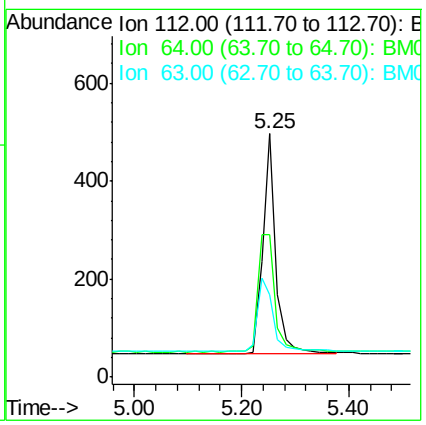


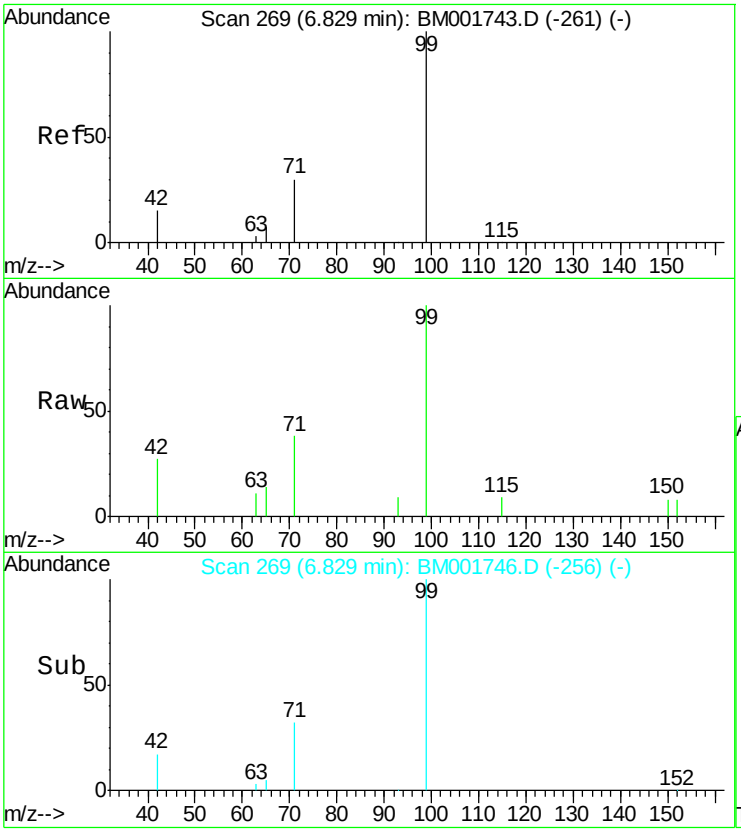


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:112 Resp: 773

Ion	Ratio	Lower	Upper
112	100		
64	70.6	55.6	83.4
63	40.5	30.2	45.2

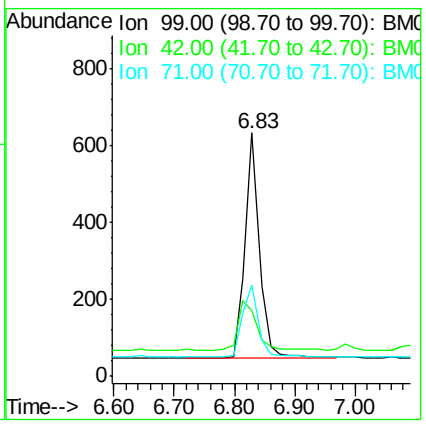




#5
Phenol-d6
Concen: 0.20 ng
RT: 6.83 min Scan# 269
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion: 99 Resp: 985

Ion	Ratio	Lower	Upper
99	100		
42	27.3	21.4	32.0
71	35.7	28.3	42.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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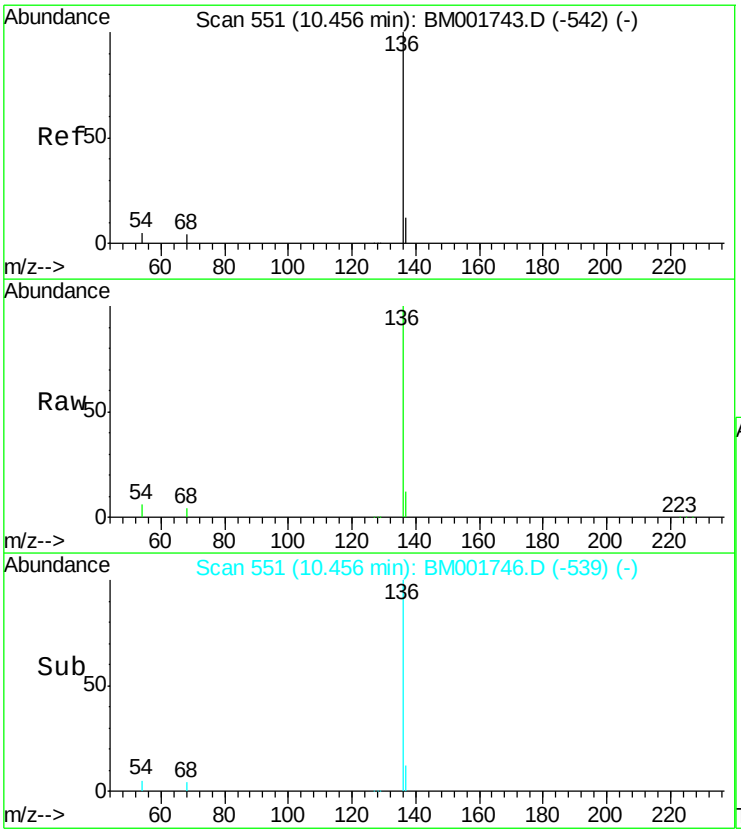
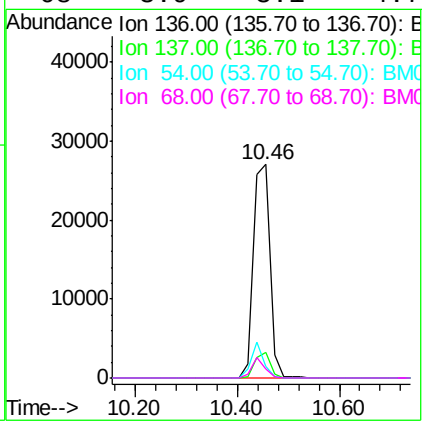
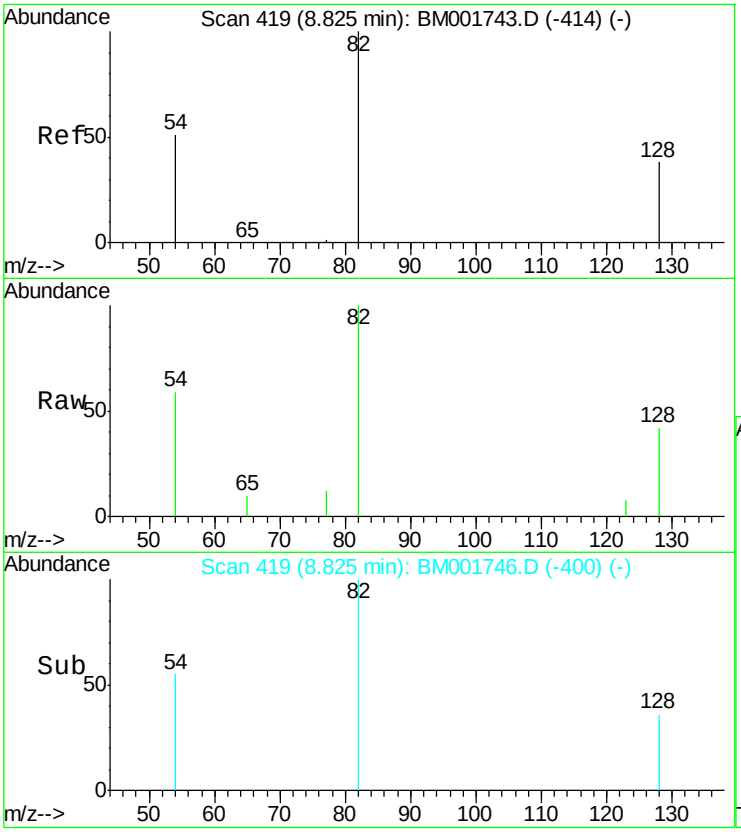


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:136 Resp: 59439

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	5.6	4.4	6.6
68	3.9	3.1	4.7

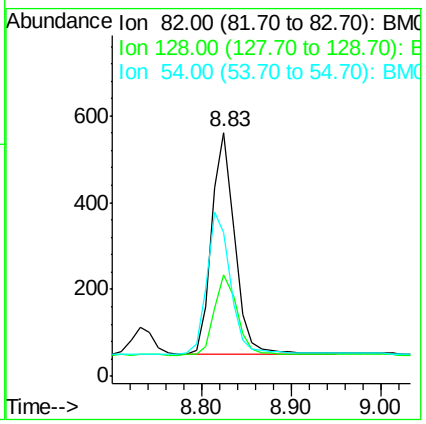




#7
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.83 min Scan# 419
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion: 82 Resp: 906

Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.3	46.9
54	59.0	41.9	62.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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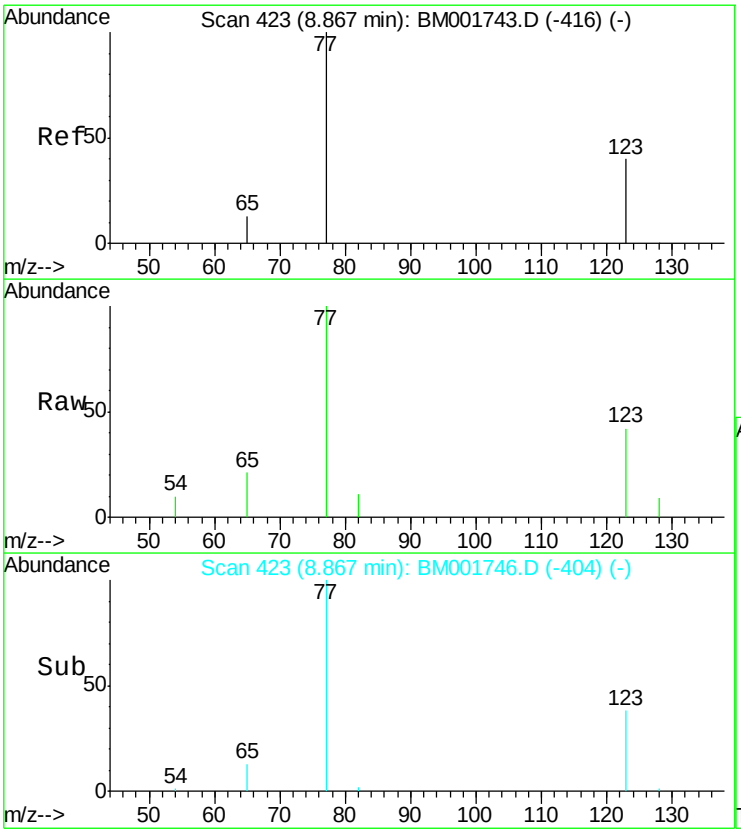
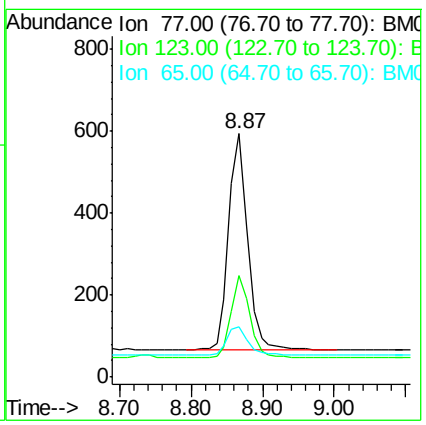
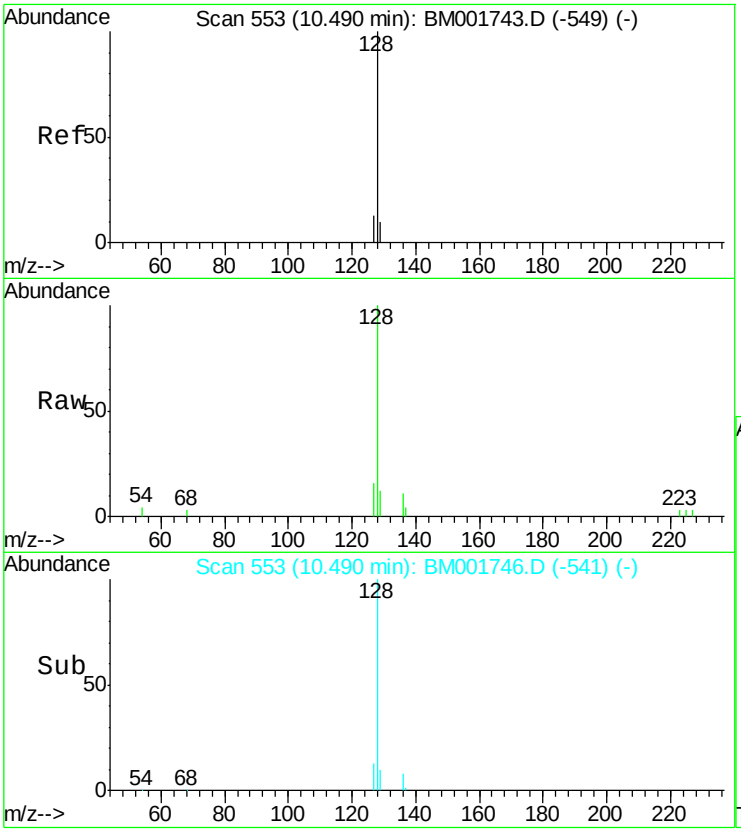


#8
Nitrobenzene
Concen: 0.19 ng
RT: 8.87 min Scan# 423
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion: 77 Resp: 955

Ion	Ratio	Lower	Upper
77	100		
123	37.8	30.1	45.1
65	14.6	11.3	16.9

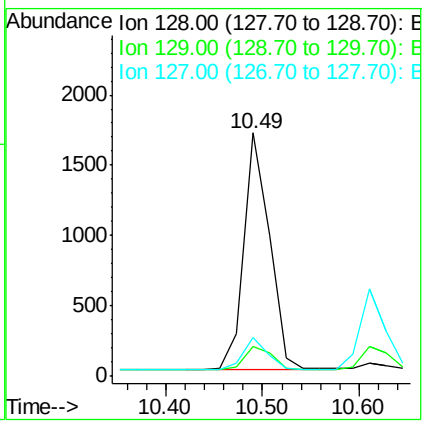




#9
Naphthalene
Concen: 0.21 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:128 Resp: 3080

Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.7	13.1
127	15.8	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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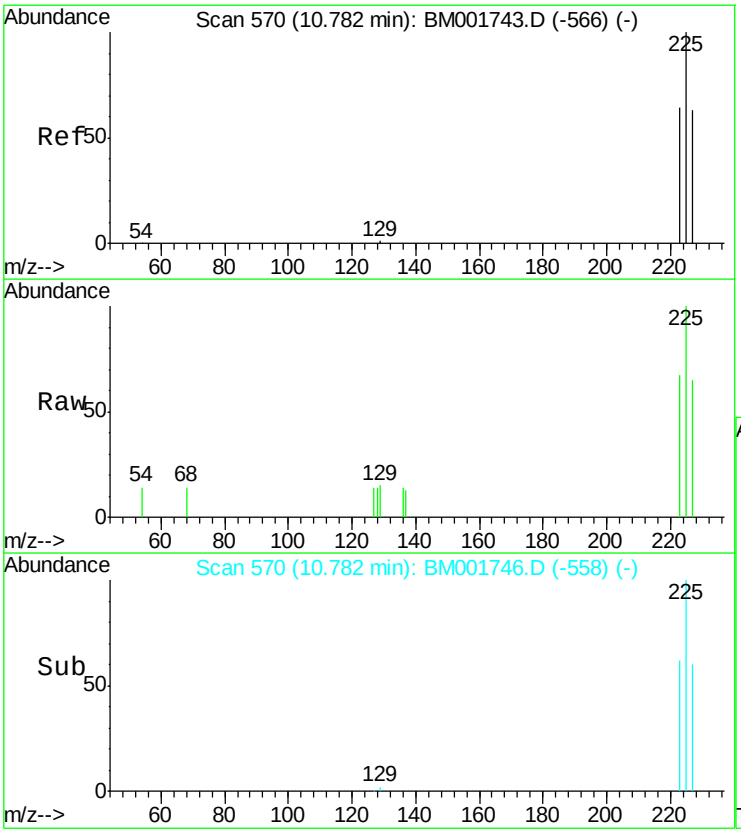
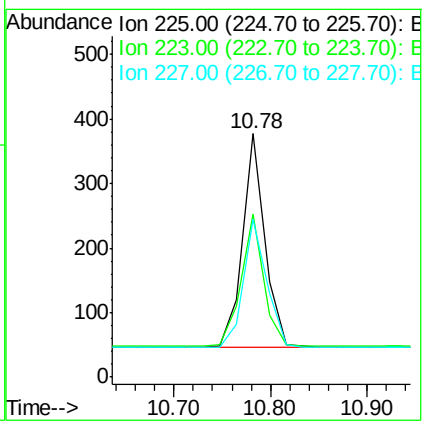
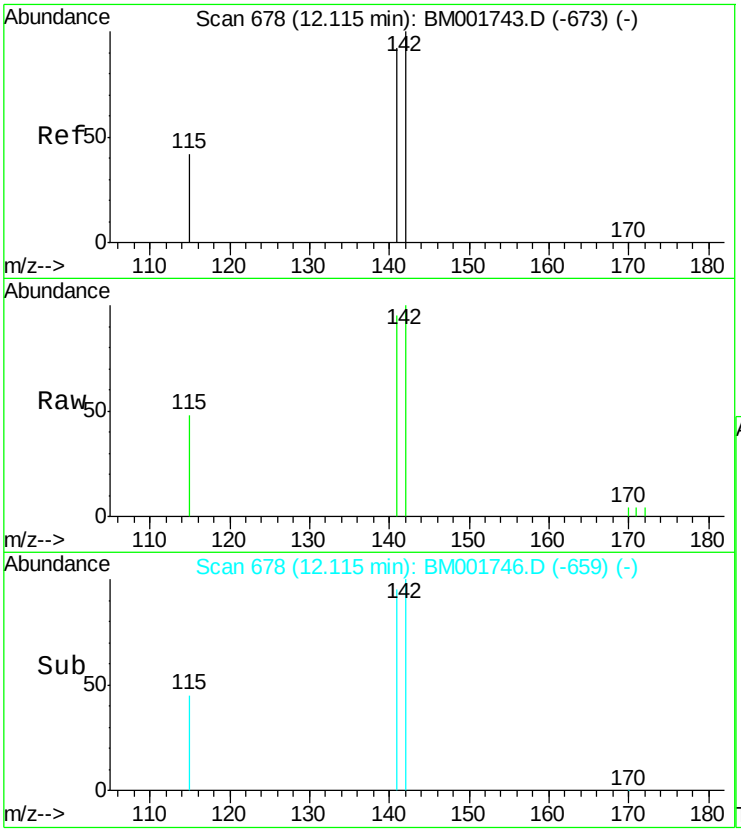


#10
Hexachlorobutadiene
Concen: 0.22 ng
RT: 10.78 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:225 Resp: 523

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.4
227	64.4	51.8	77.8

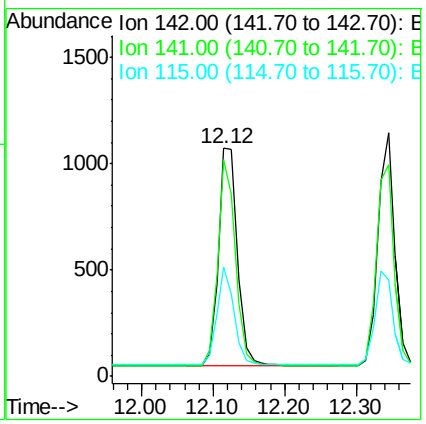




#11
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.12 min Scan# 678
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:142 Resp: 1911

Ion	Ratio	Lower	Upper
142	100		
141	95.1	73.6	110.4
115	47.9	34.1	51.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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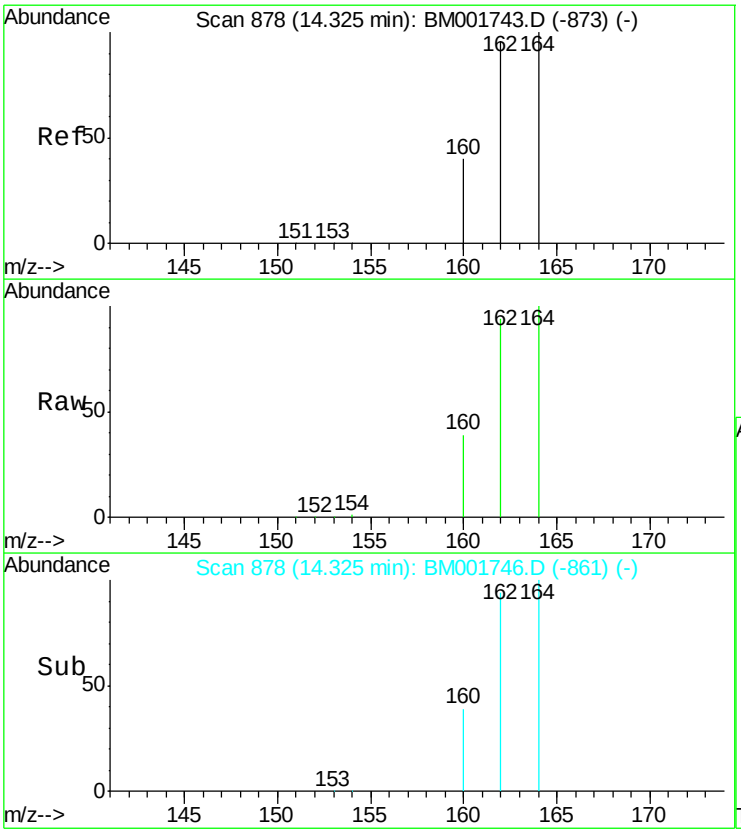
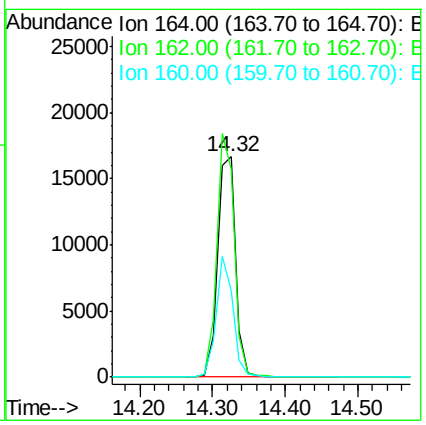
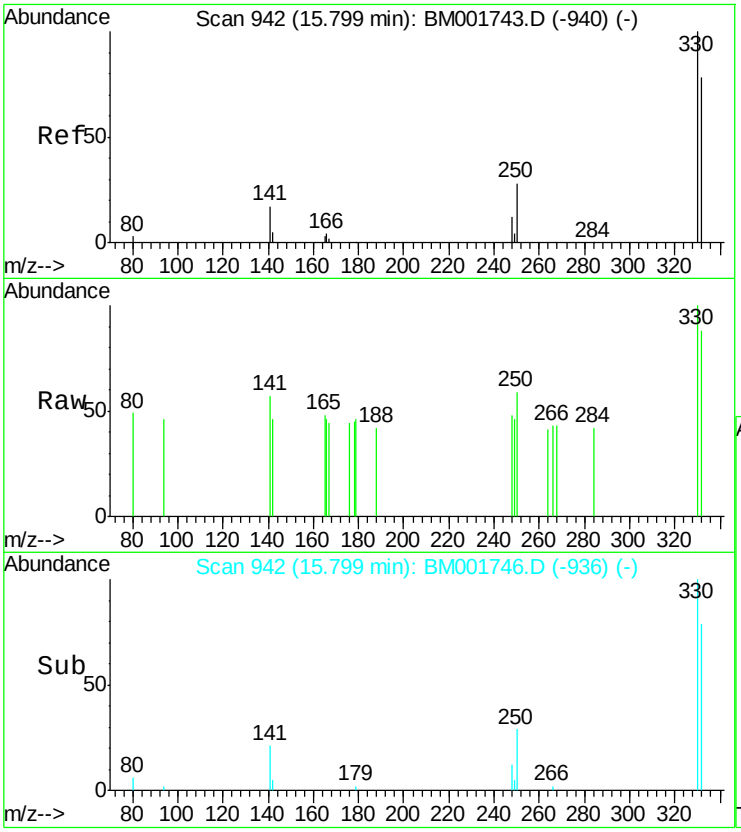


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:164 Resp: 28721

Ion	Ratio	Lower	Upper
164	100		
162	94.2	76.6	114.8
160	39.1	31.8	47.8

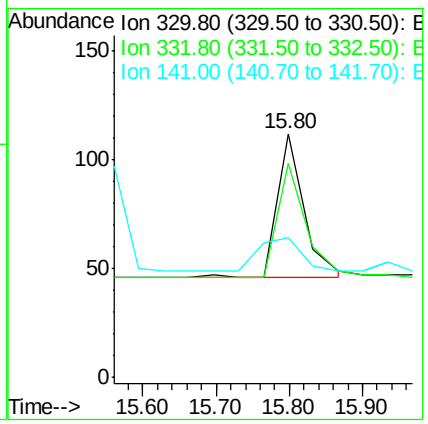




#13
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.80 min Scan# 942
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:330 Resp: 169

Ion	Ratio	Lower	Upper
330	100		
332	83.4	65.8	98.8
141	36.1	0.0	0.0#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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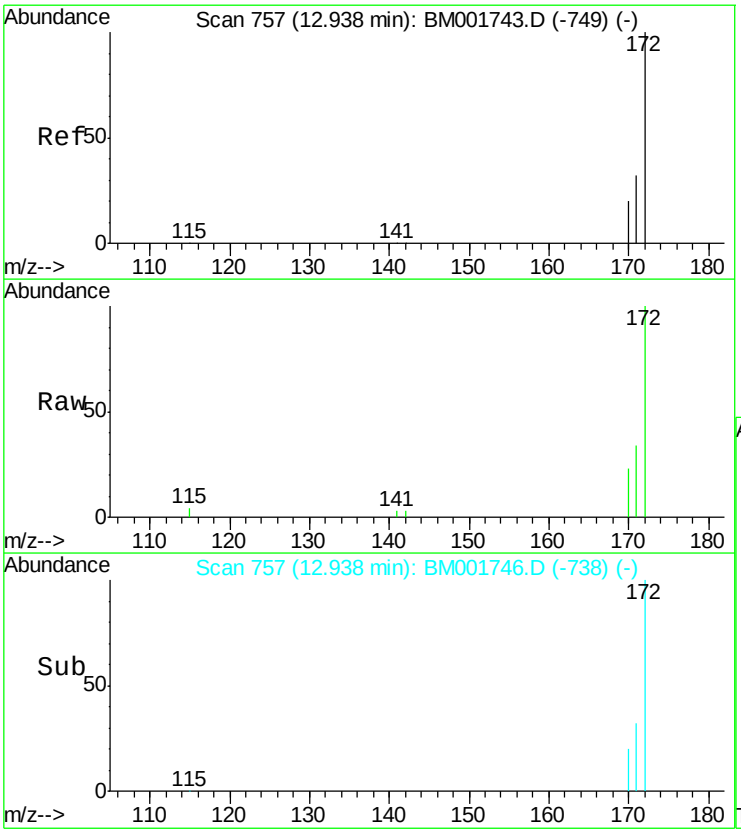
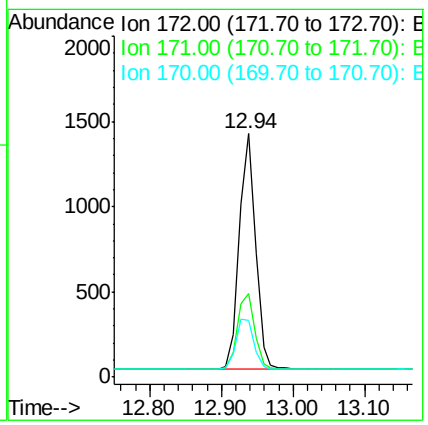
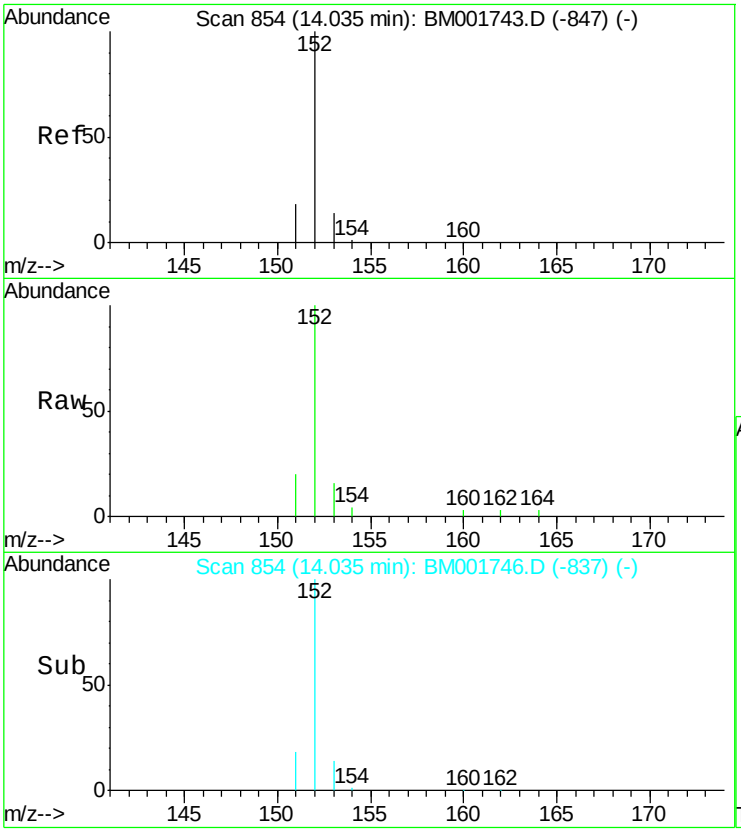


#14
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.94 min Scan# 757
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:172 Resp: 2146

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.2	39.2
170	23.1	16.6	24.8

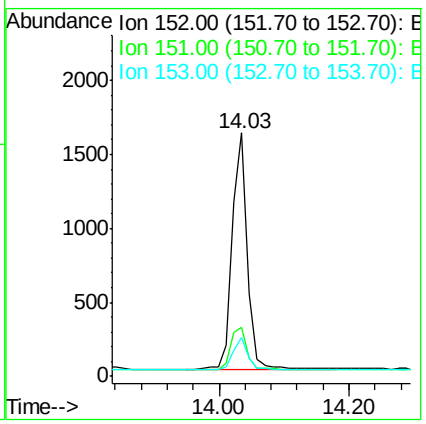




#15
Acenaphthylene
Concen: 0.19 ng
RT: 14.03 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:152 Resp: 2616

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.2	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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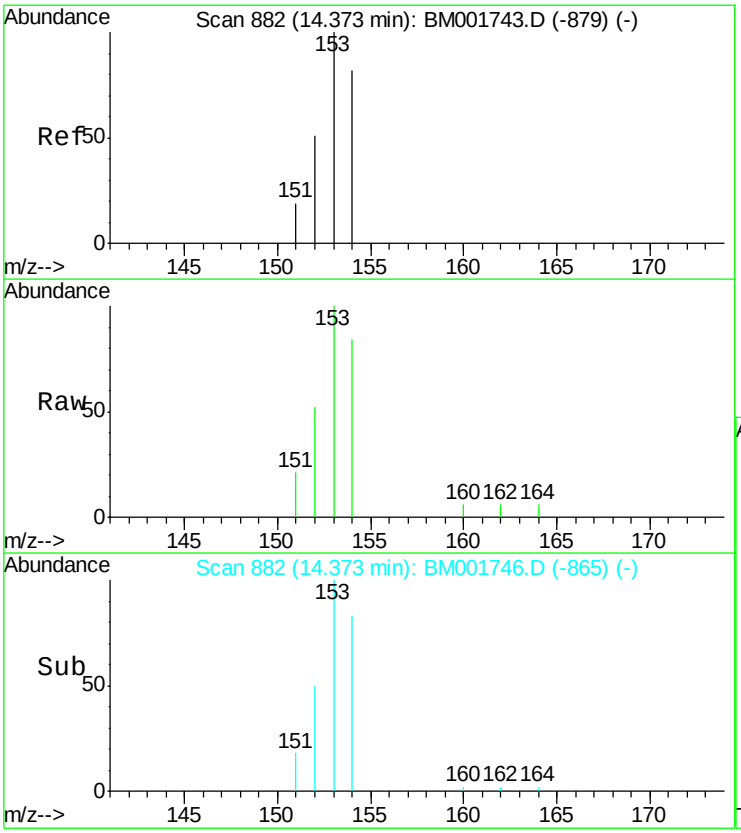
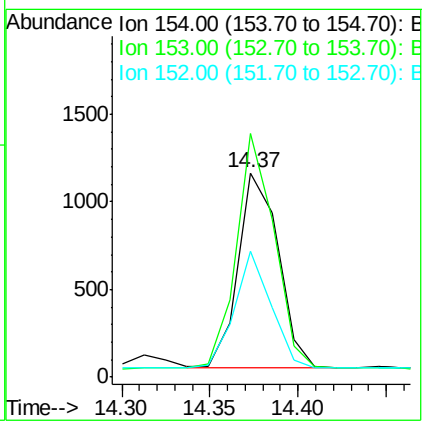
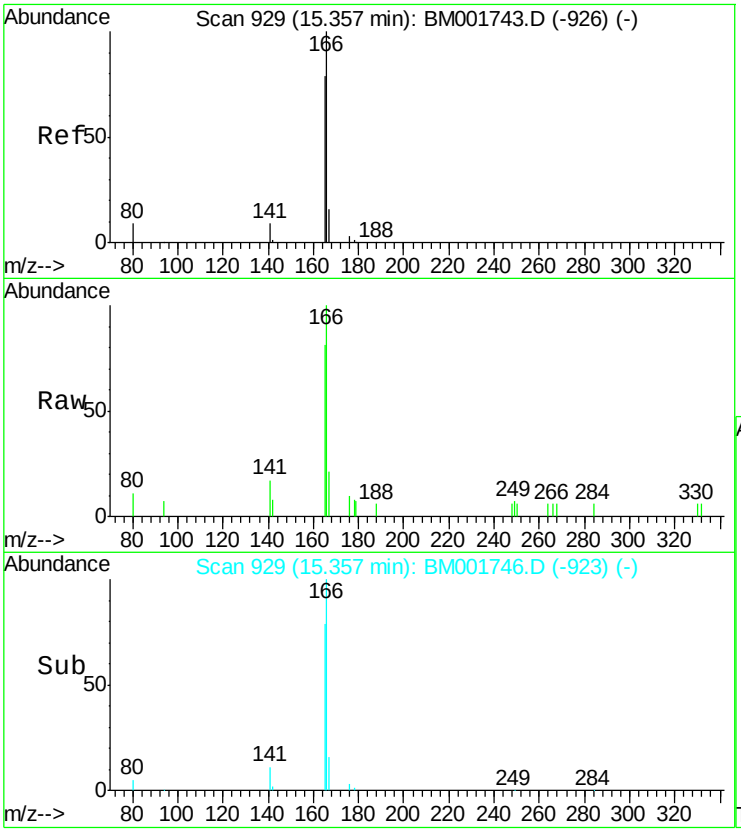


#16
Acenaphthene
Concen: 0.21 ng
RT: 14.37 min Scan# 882
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:154 Resp: 1768

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.0	135.0
152	55.4	44.2	66.4

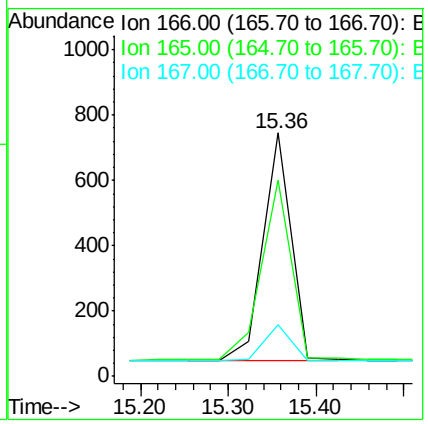




#17
Fluorene
Concen: 0.18 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:166 Resp: 1561

Ion	Ratio	Lower	Upper
166	100		
165	84.2	68.2	102.2
167	15.1	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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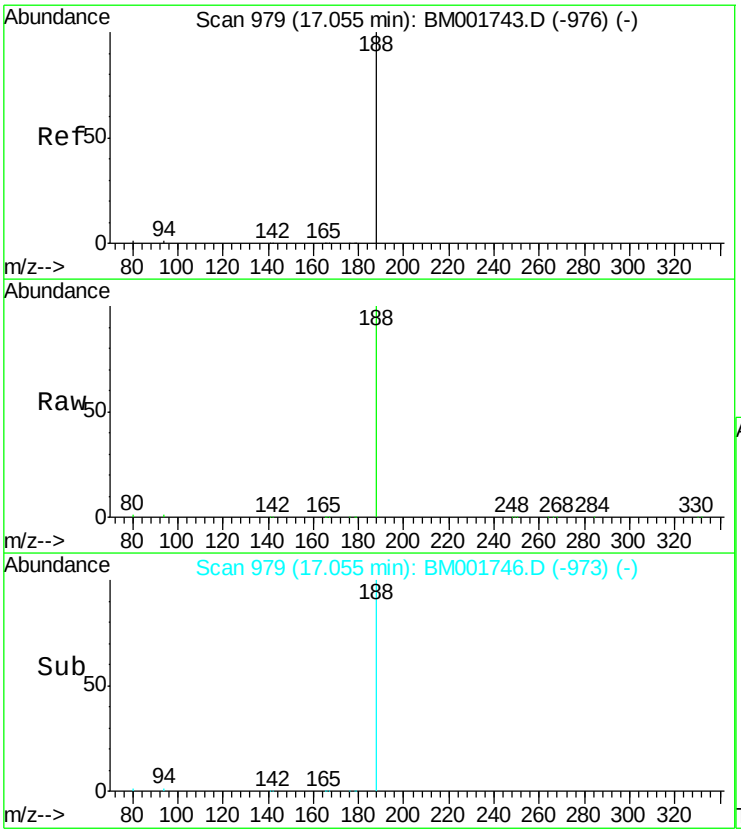
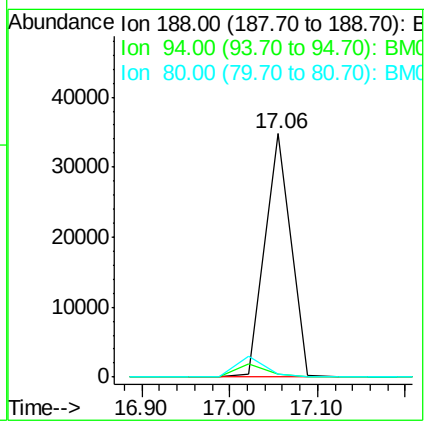
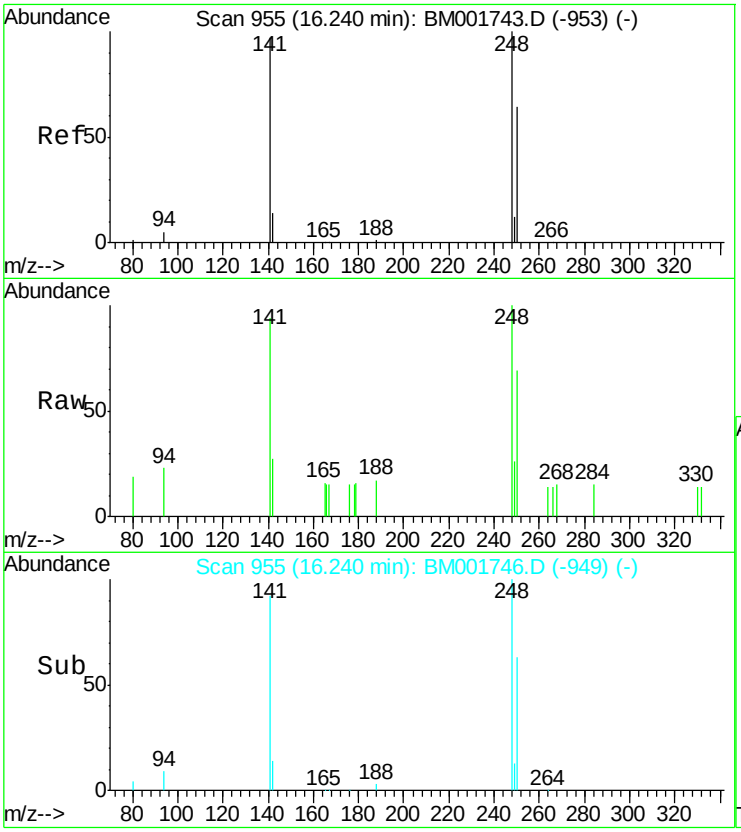


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:188 Resp: 71933

Ion	Ratio	Lower	Upper
188	100		
94	1.4	1.3	1.9
80	1.2	1.0	1.6

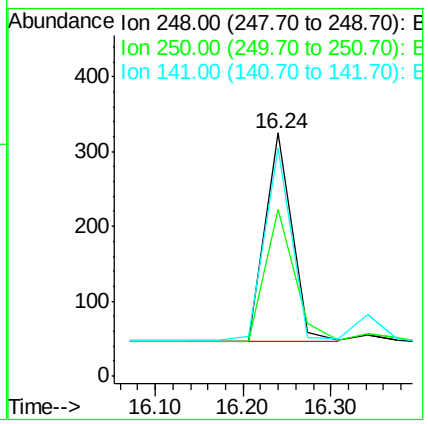




#19
4-Bromophenyl-phenylether
Concen: 0.09 ng
RT: 16.24 min Scan# 955
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:248 Resp: 601

Ion	Ratio	Lower	Upper
248	100		
250	68.2	54.8	82.2
141	90.8	76.2	114.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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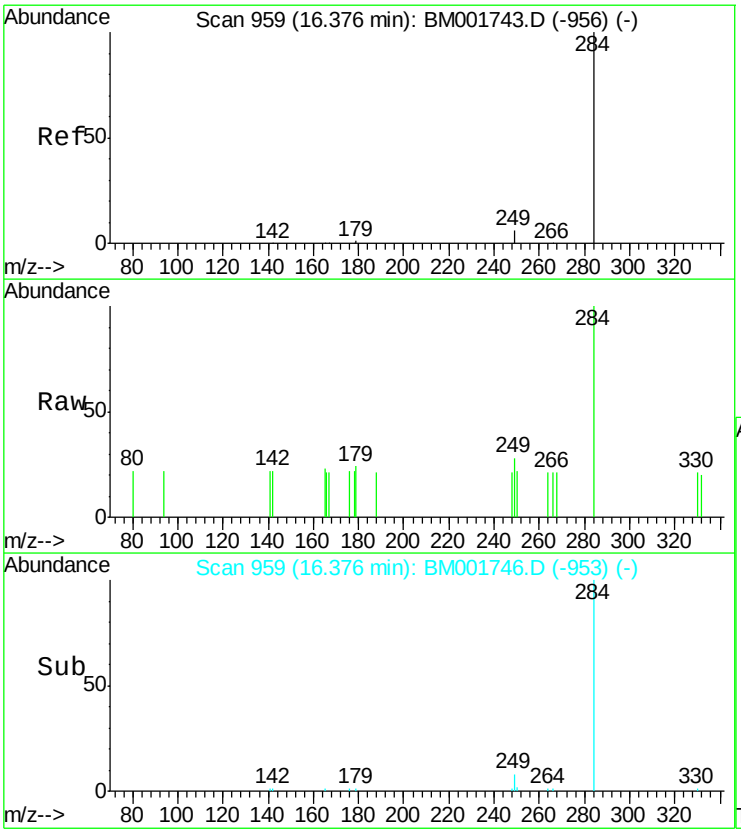
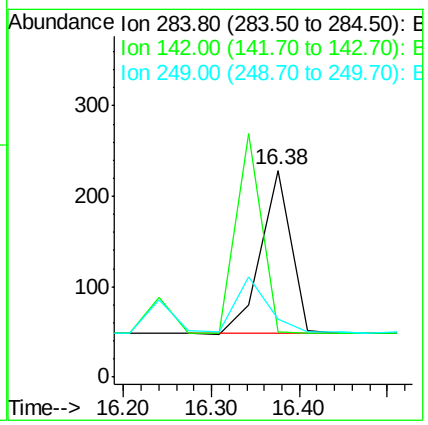
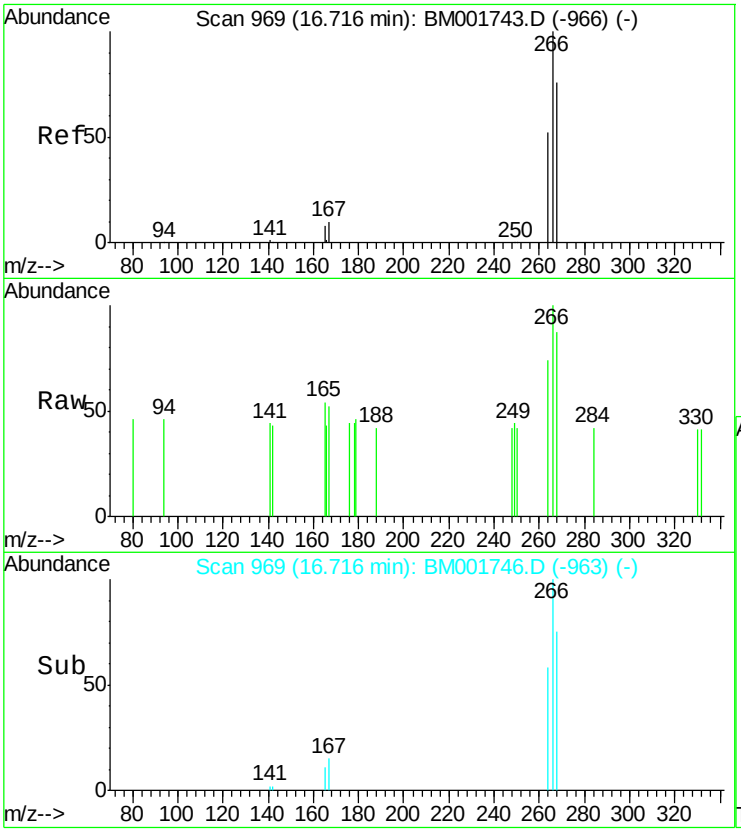


#20
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:284 Resp: 442

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

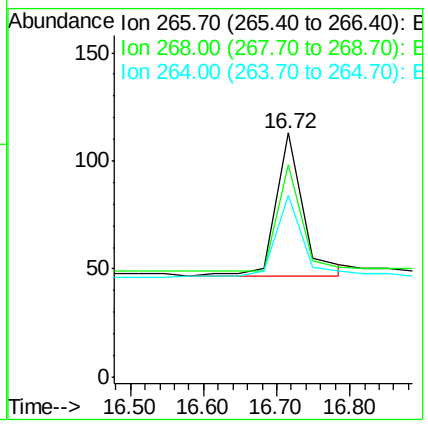




#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.72 min Scan# 969
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:266 Resp: 171

Ion	Ratio	Lower	Upper
266	100		
268	86.7	63.2	94.8
264	74.3	46.2	69.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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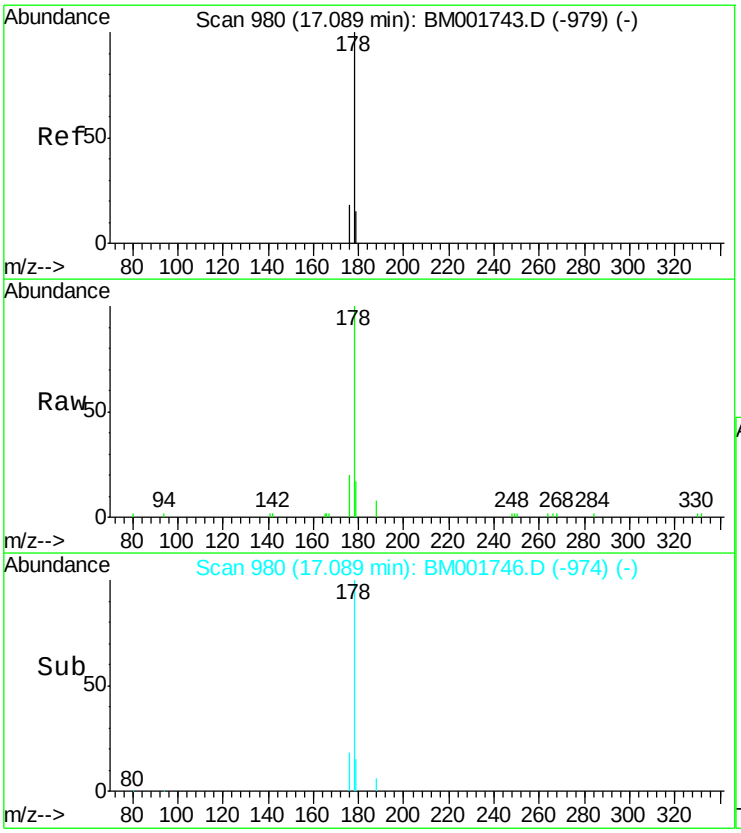
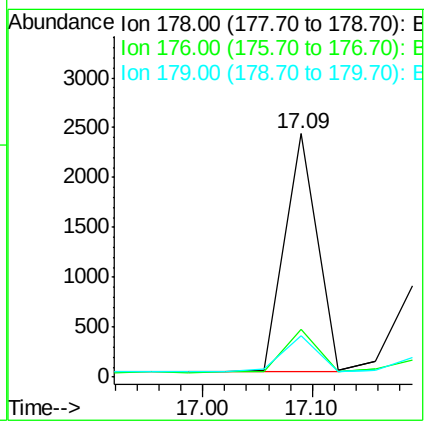
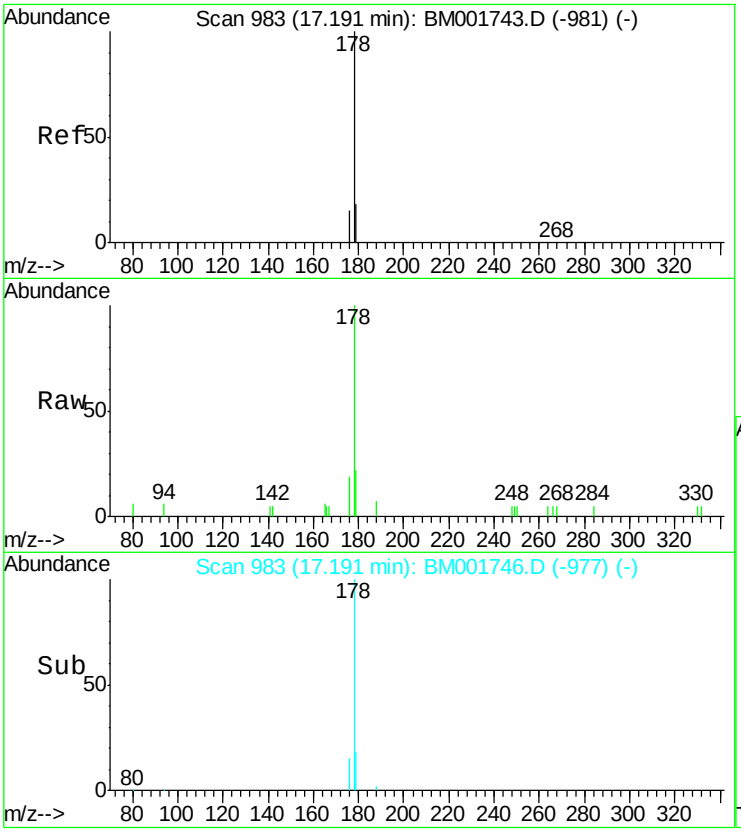


#22
Phenanthrene
Concen: 0.21 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:178 Resp: 4934

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	16.7	12.6	19.0

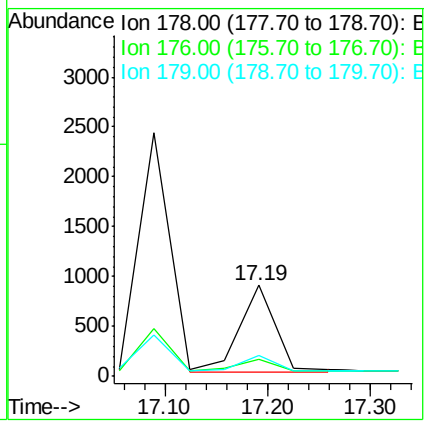




#23
Anthracene
Concen: 0.08 ng m
RT: 17.19 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:178 Resp: 2101

Ion	Ratio	Lower	Upper
178	100		
176	12.4	10.0	15.0
179	14.9	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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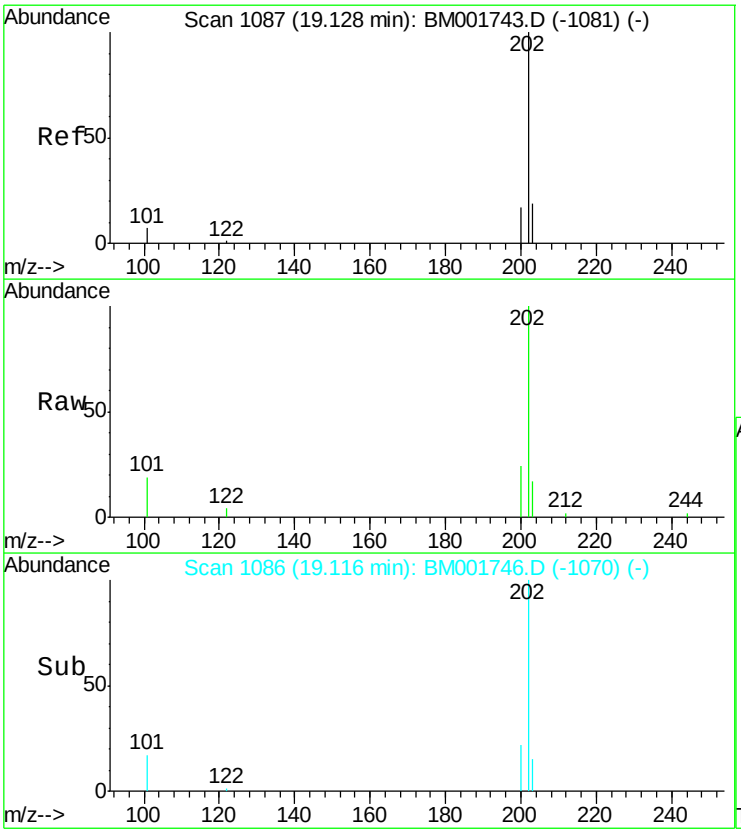
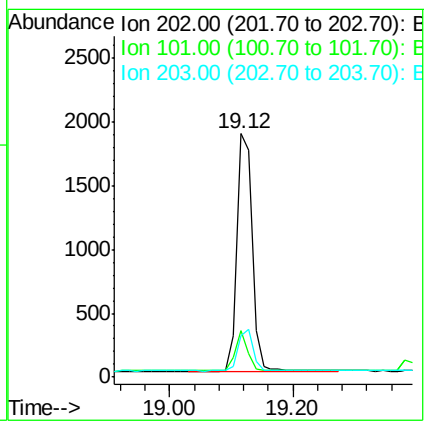
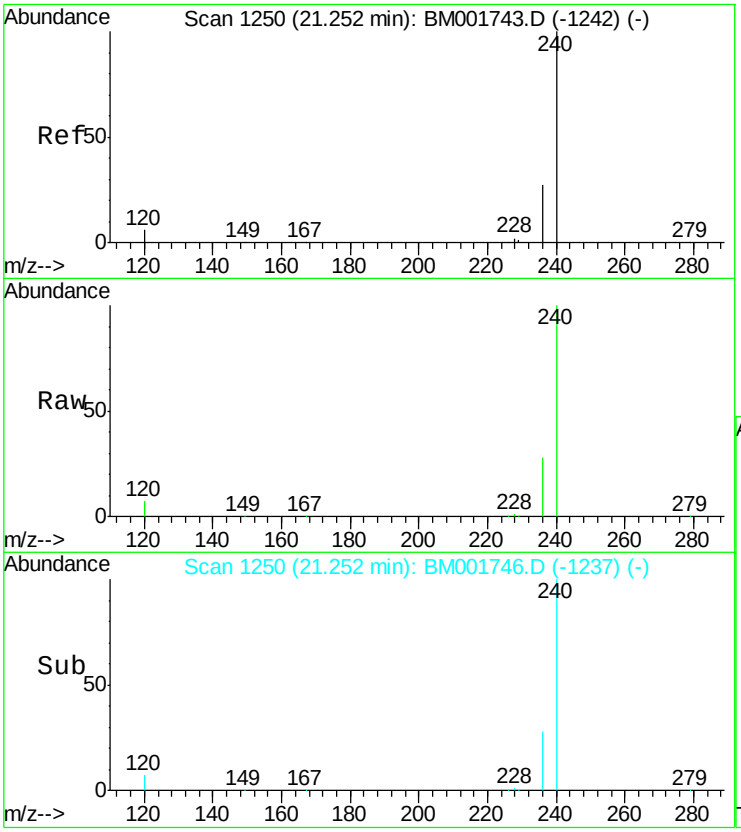


#24
Fluoranthene
Concen: 0.10 ng
RT: 19.12 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:202 Resp: 3134

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.8	16.2
203	17.4	13.8	20.6





#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:240 Resp: 44906

Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.7	7.1#
236	28.3	21.6	32.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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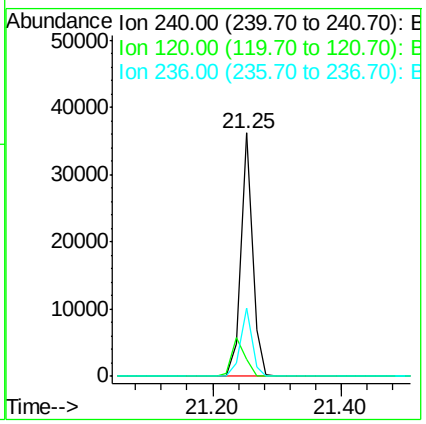
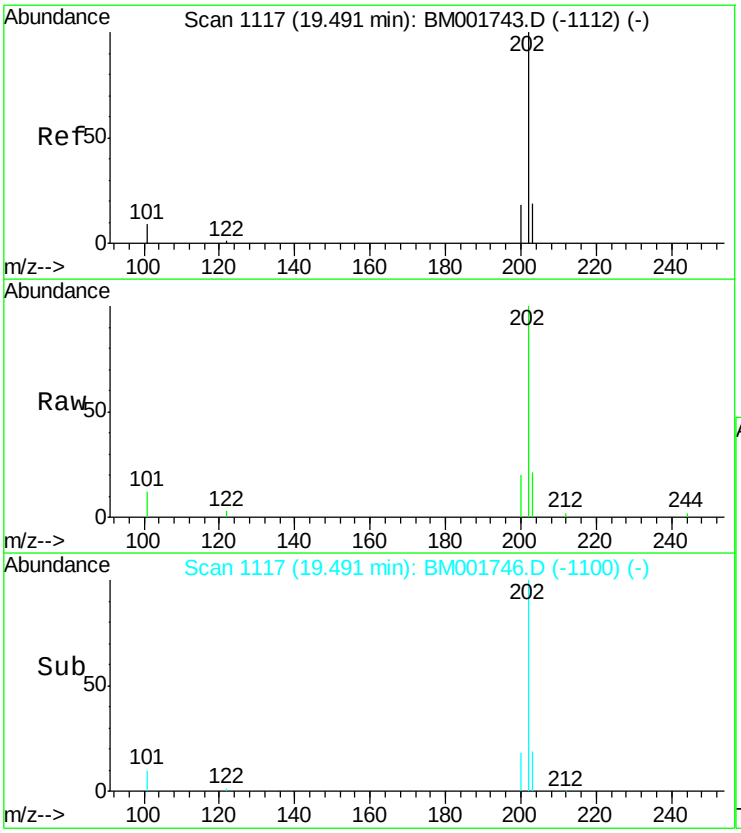
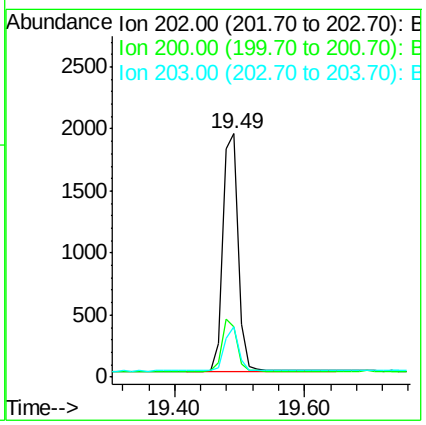


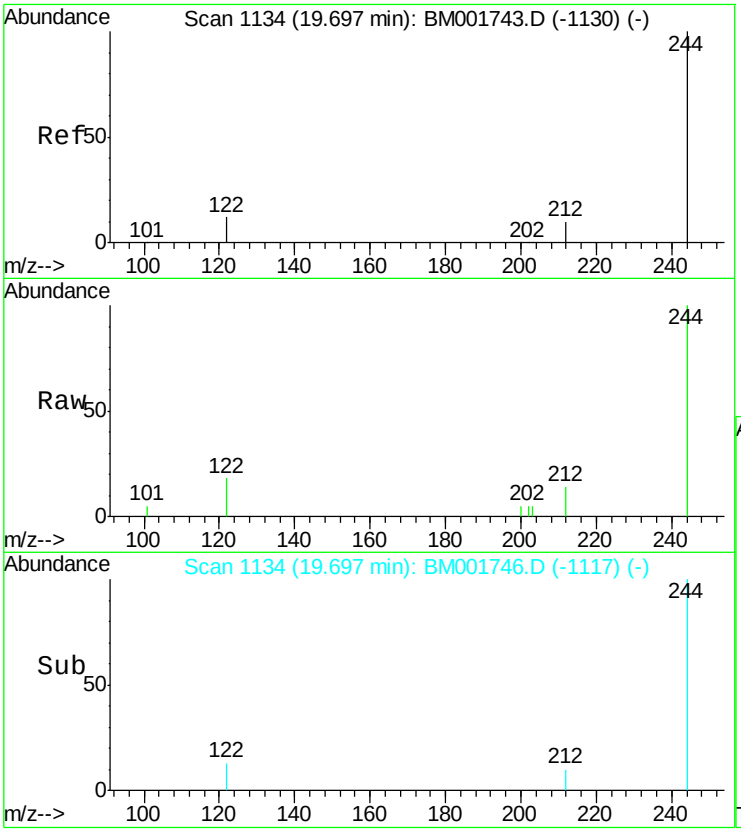


#26
Pyrene
Concen: 0.21 ng
RT: 19.49 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:202 Resp: 3207

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.0	13.9	20.9





#27
Terphenyl-d14
Concen: 0.20 ng
RT: 19.70 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:244 Resp: 1342

Ion	Ratio	Lower	Upper
244	100		
212	14.4	8.6	13.0#
122	18.4	10.6	15.8#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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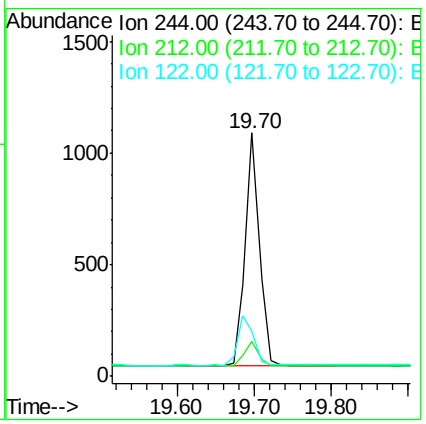
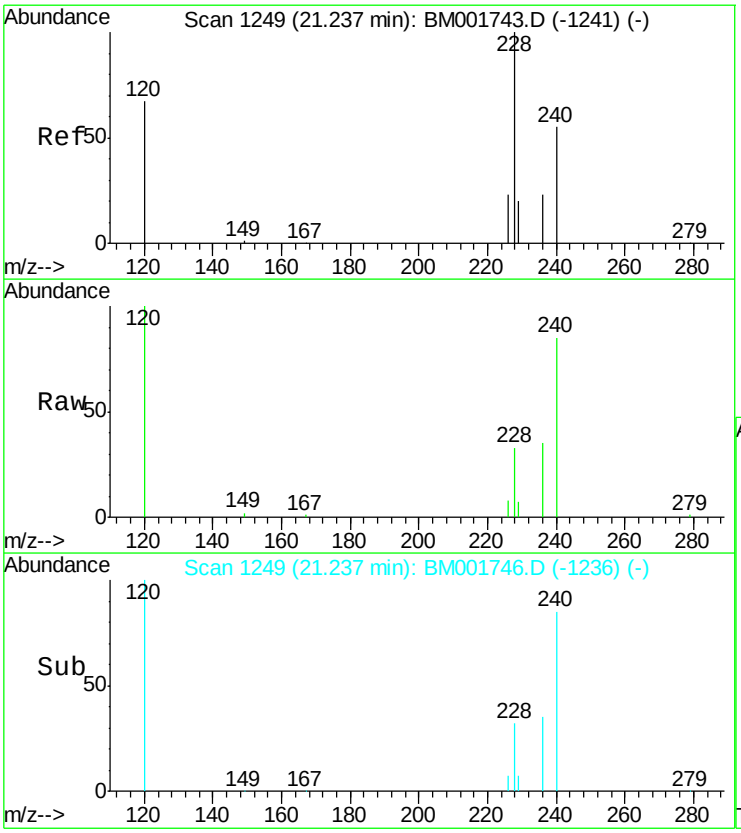
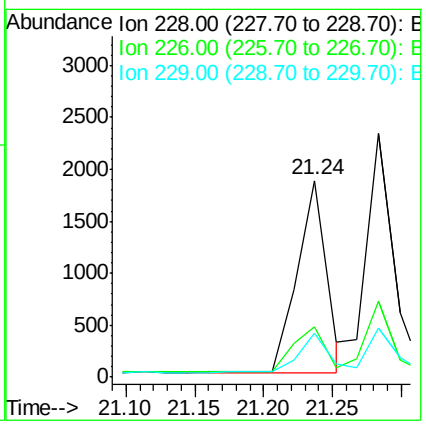


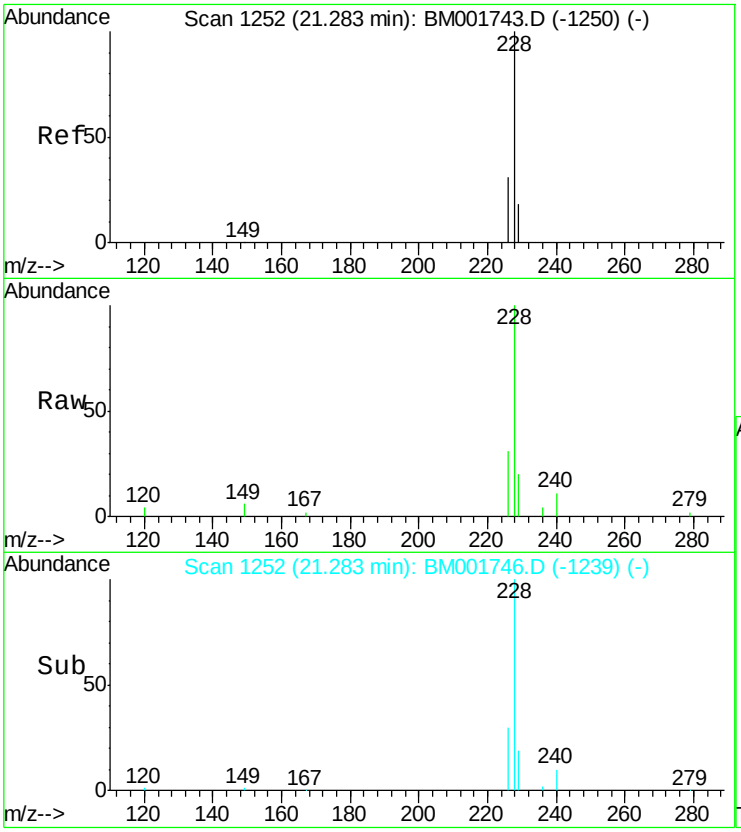


#28
Benzo(a)anthracene
Concen: 0.19 ng
RT: 21.24 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:228 Resp: 2735

Ion	Ratio	Lower	Upper
228	100		
226	25.8	18.9	28.3
229	22.6	16.6	25.0

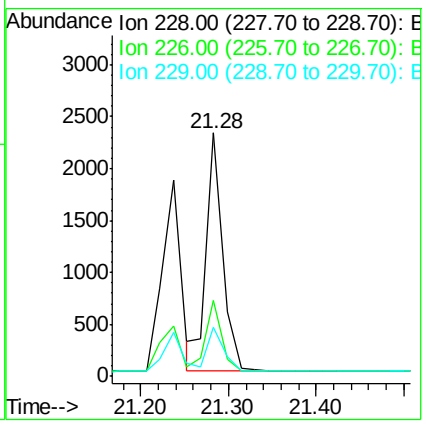




#29
Chrysene
Concen: 0.22 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:228 Resp: 3000

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.3	36.5
229	20.2	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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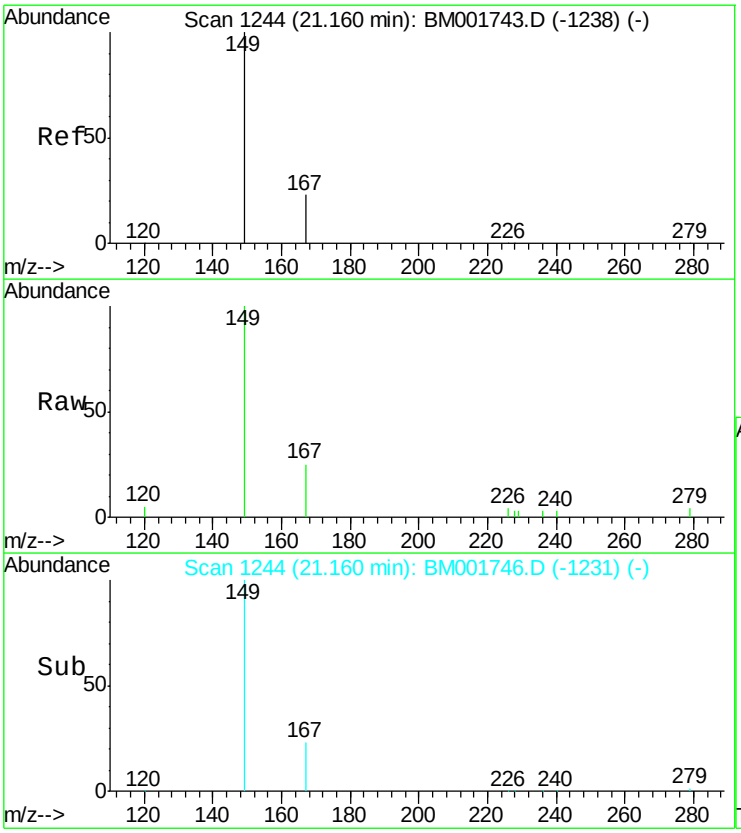
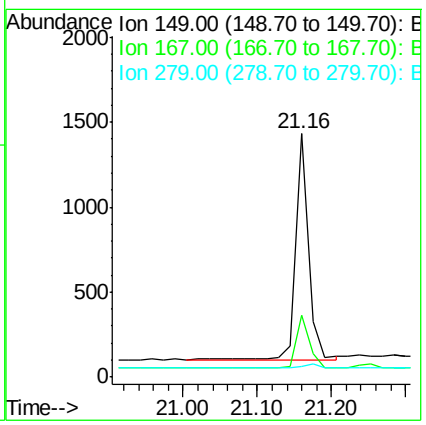
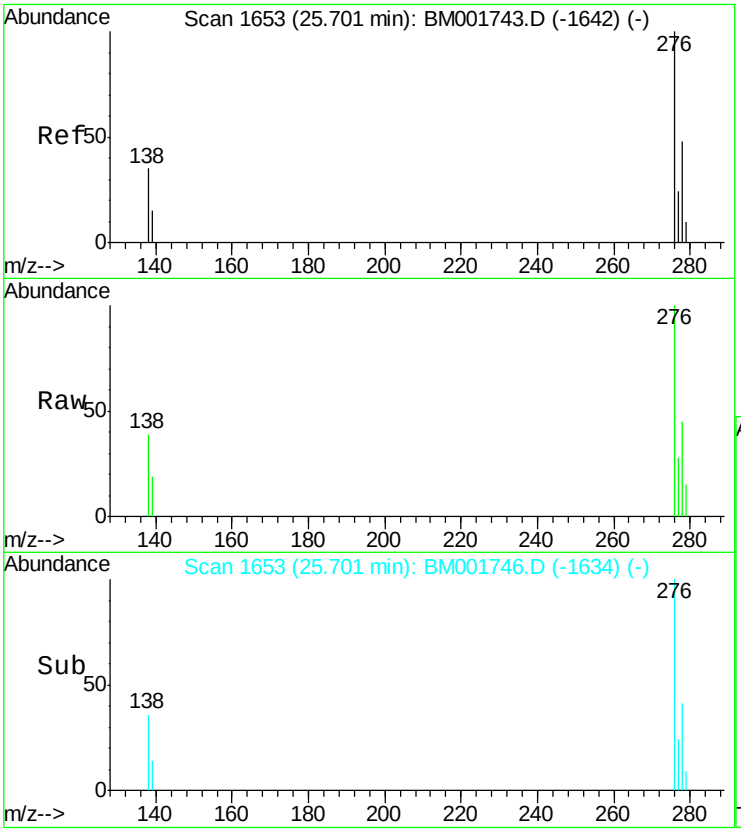


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.16 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:149 Resp: 1580

Ion	Ratio	Lower	Upper
149	100		
167	23.5	19.7	29.5
279	2.3	1.6	2.4

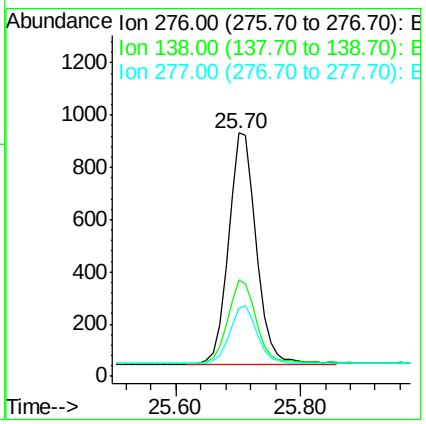




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 25.70 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:276 Resp: 2744

Ion	Ratio	Lower	Upper
276	100		
138	36.1	29.0	43.6
277	24.5	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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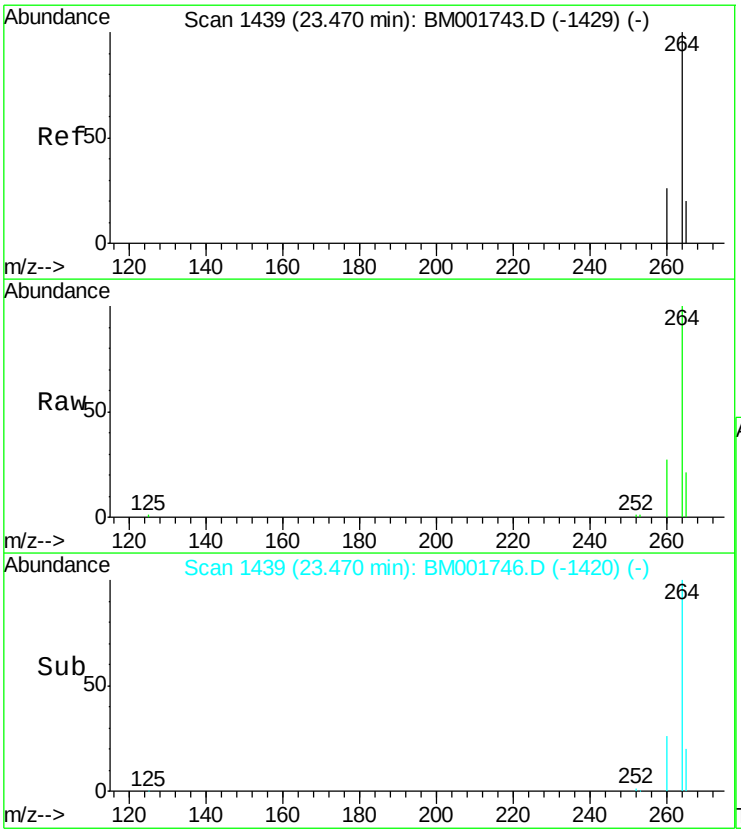
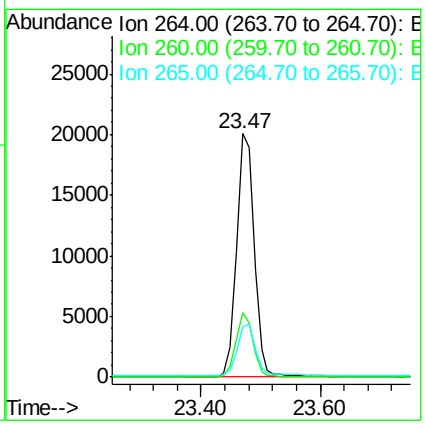
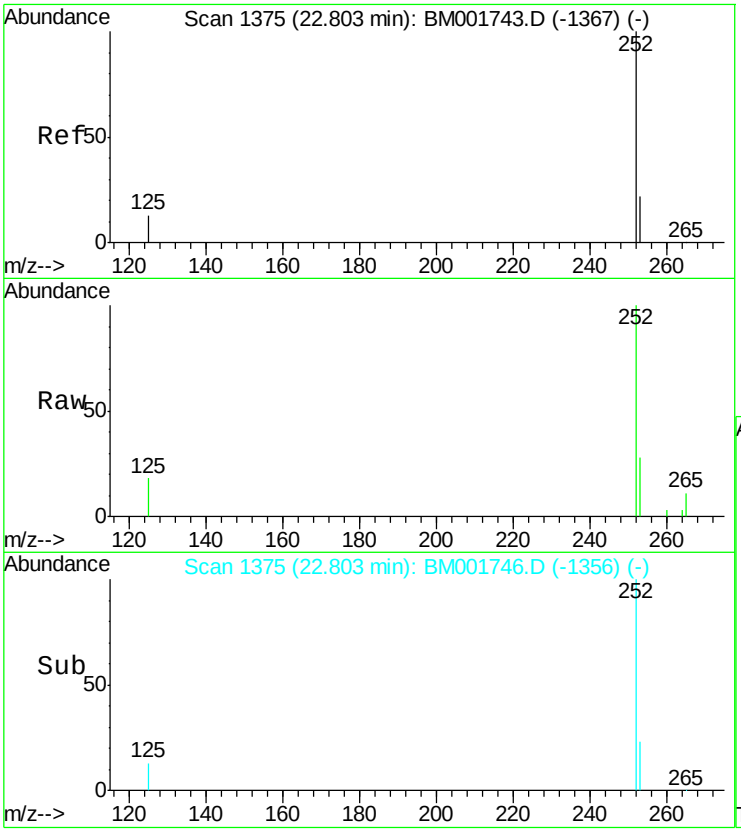


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:264 Resp: 40235

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.8	31.2
265	20.8	16.8	25.2





#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.80 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:252 Resp: 2653

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.0	28.4
125	18.1	11.3	16.9#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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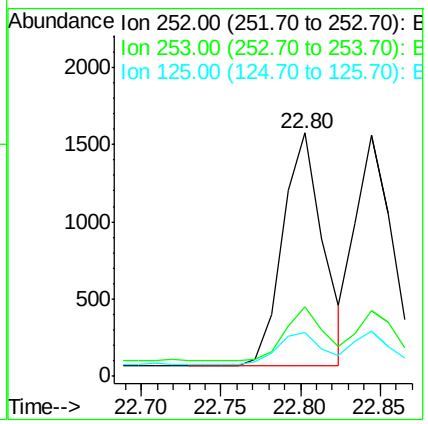
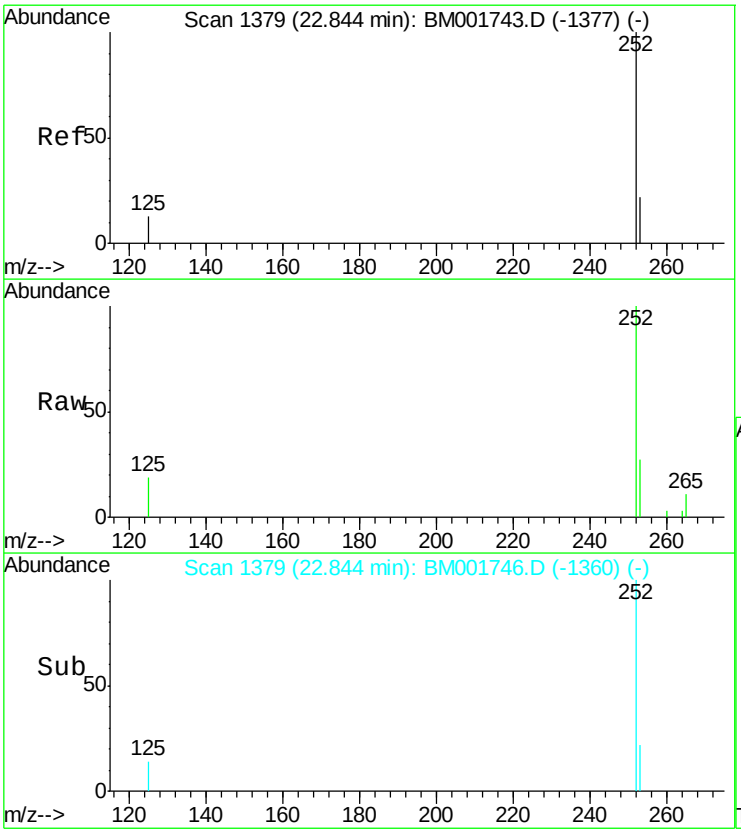
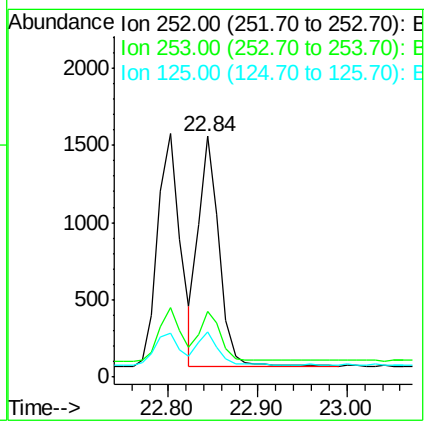


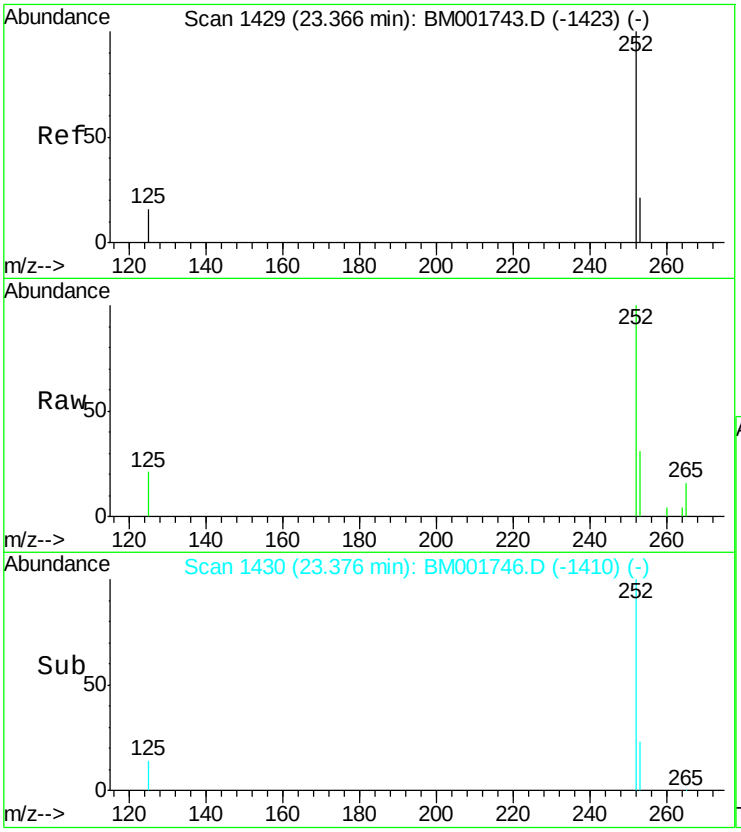


#34
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 22.84 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:252 Resp: 2400

Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.2	27.4
125	18.6	11.8	17.6#





#35
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.38 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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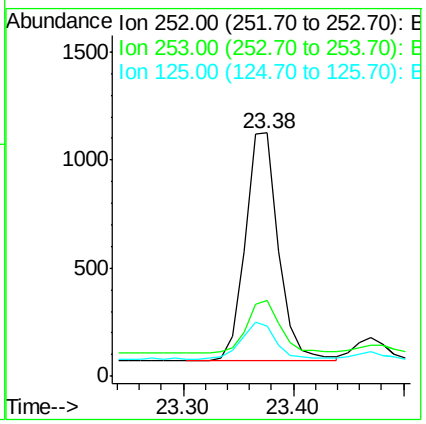
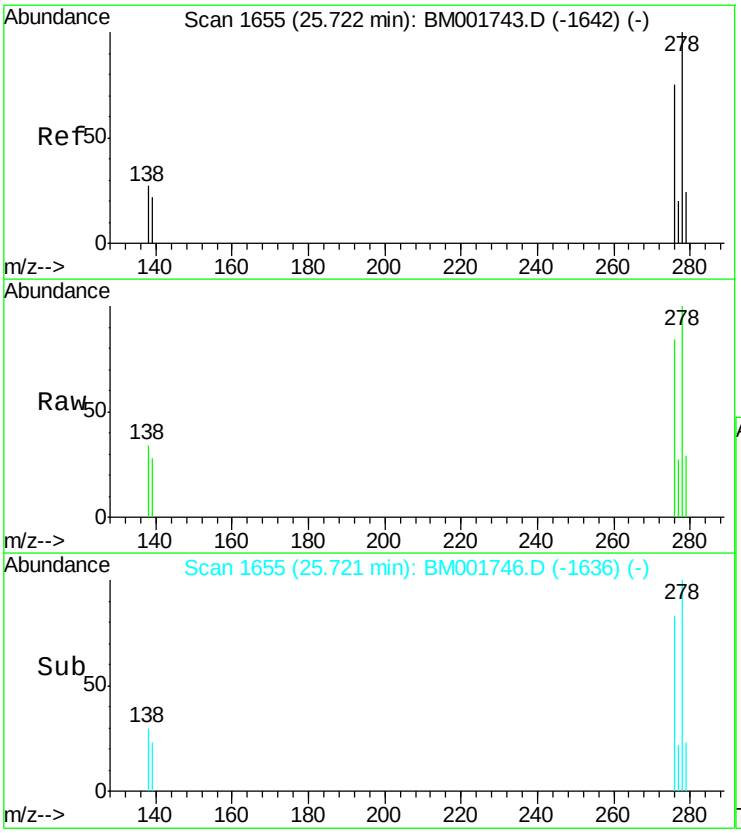
Tgt Ion:252 Resp: 2205

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.9	26.9#
125	20.7	14.1	21.1

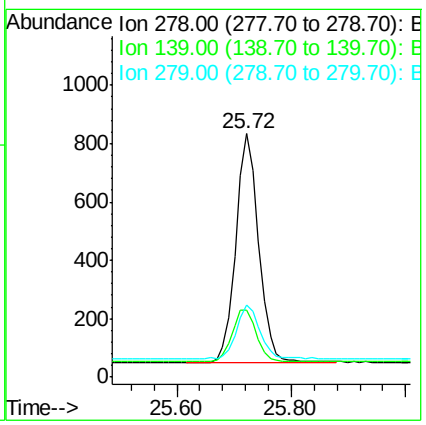


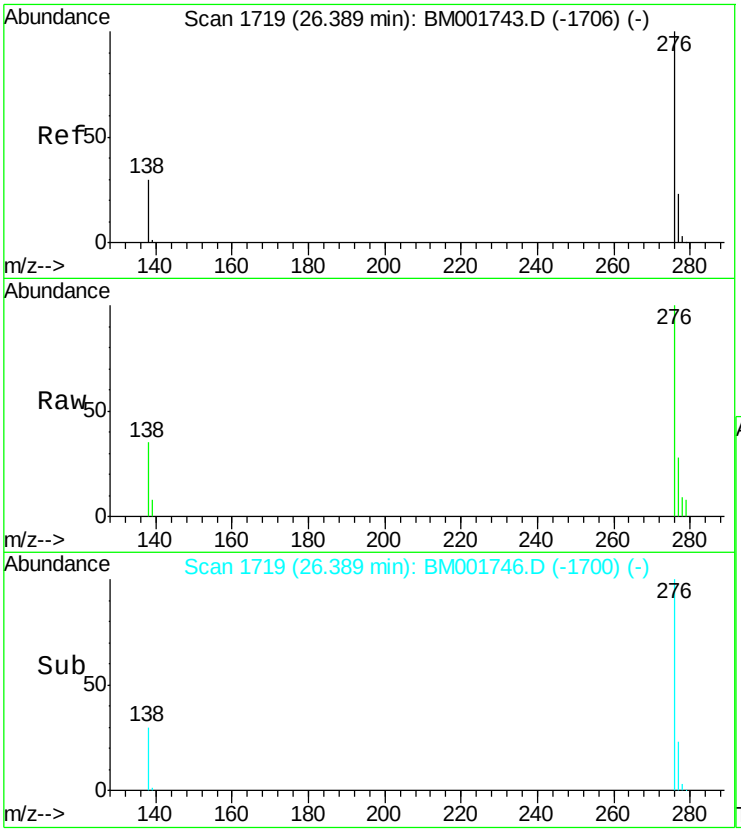


#36
Dibenzo(a,h)anthracene
Concen: 0.23 ng
RT: 25.72 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:278 Resp: 2197

Ion	Ratio	Lower	Upper
278	100		
139	27.7	18.4	27.6#
279	29.5	19.8	29.8

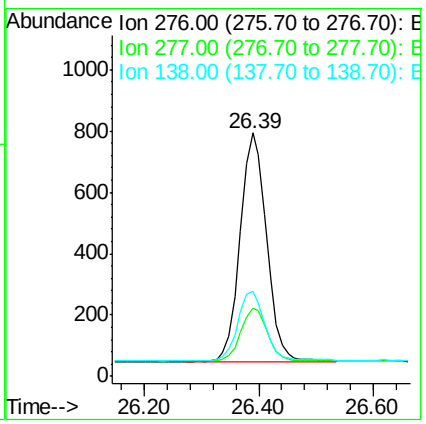




#37
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 26.39 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BM001746.D
Acq: 18 Jun 2015 20:47

Tgt Ion:276 Resp: 2376

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.3	28.9
138	34.9	24.7	37.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
apatel
6/22/2015 2:45:26 PM