Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001745.D
Acq On : 18 Jun 2015 20:11
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 19 04:28:51 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

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	18849	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	69051	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	32765	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	79761	5.00	ng		0.00
25) Chrysene-d12	21.25	240	48405	5.00	ng		0.00
32) Perylene-d12	23.47	264	42234	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2023	0.45	ng		0.00
5) Phenol-d6	6.83	99	2581	0.46	ng		0.00
7) Nitrobenzene-d5	8.83	82	2436	0.46	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	444	0.38	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	5584	0.48	ng		0.00
27) Terphenyl-d14	19.70	244	3504	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	1054	0.44	ng		98
3) n-Nitrosodimethylamine	3.49	42	1543	0.47	ng	#	99
8) Nitrobenzene	8.87	77	2600	0.45	ng		100
9) Naphthalene	10.49	128	7878	0.47	ng		99
10) Hexachlorobutadiene	10.78	225	1358	0.48	ng		98
11) 2-Methylnaphthalene	12.12	142	4999	0.46	ng		99
15) Acenaphthylene	14.03	152	6997	0.45	ng		100
16) Acenaphthene	14.37	154	4587	0.47	ng		100
17) Fluorene	15.36	166	4178	0.42	ng		100
19) 4-Bromophenyl-phenylether	16.24	248	1624	0.23	ng		91
20) Hexachlorobenzene	16.38	284	1070	0.16	ng	#	100
21) Pentachlorophenol	16.72	266	426	0.23	ng		96
22) Phenanthrene	17.09	178	12548	0.47	ng		99
23) Anthracene	17.19	178	5719m	0.20	ng		
24) Fluoranthene	19.12	202	8011	0.23	ng		100
26) Pyrene	19.49	202	8139	0.49	ng		100
28) Benzo(a)anthracene	21.24	228	6645	0.44	ng		98
29) Chrysene	21.28	228	7334	0.50	ng		100
30) Bis(2-ethylhexyl)phthalate	21.16	149	3607	0.38	ng		100
31) Indeno(1,2,3-cd)pyrene	25.70	276	6565	0.55	ng		100
33) Benzo(b)fluoranthene	22.80	252	6357	0.46	ng		98
34) Benzo(k)fluoranthene	22.84	252	5775	0.43	ng		98
35) Benzo(a)pyrene	23.38	252	5311	0.46	ng		96
36) Dibenzo(a,h)anthracene	25.72	278	5291	0.53	ng		96
37) Benzo(g,h,i)perylene	26.39	276	5613	0.52	ng		96

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

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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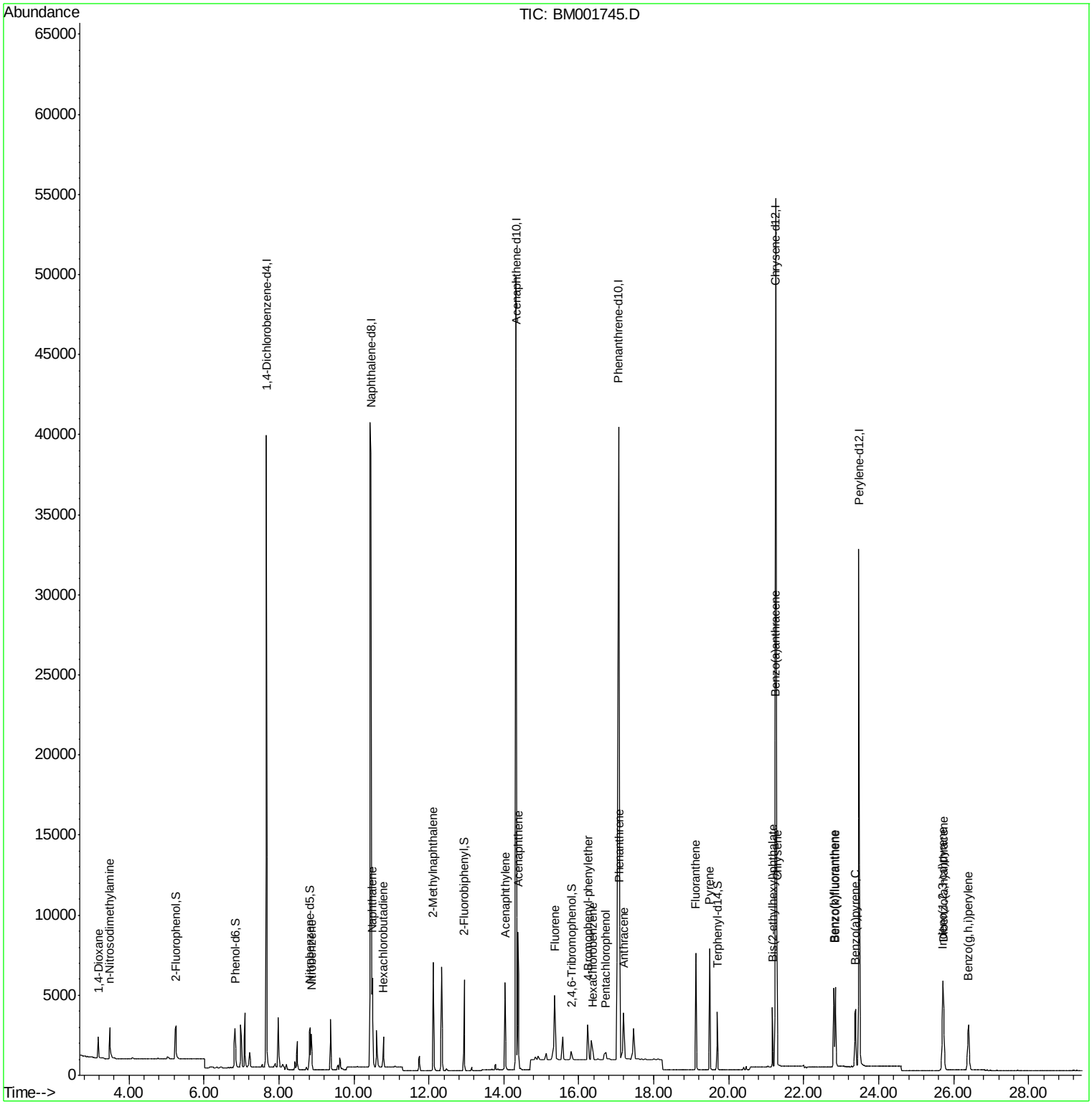
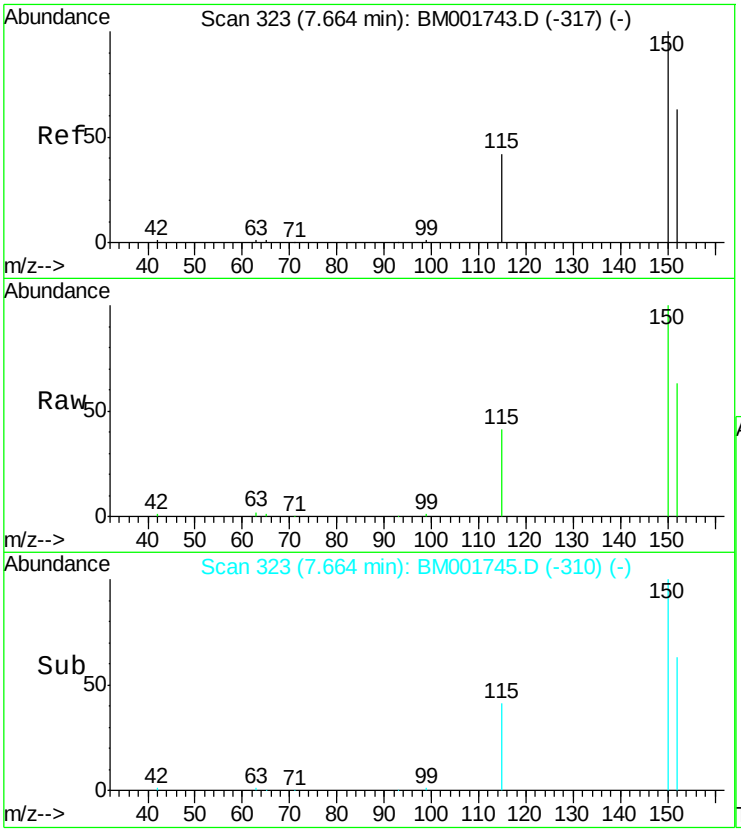
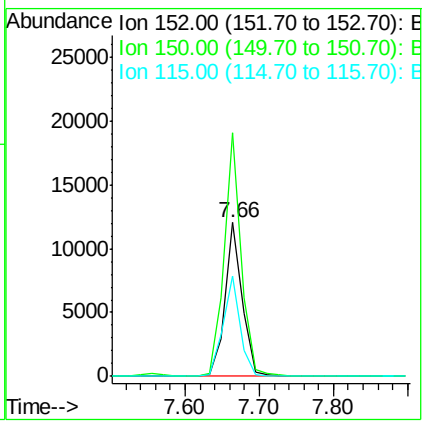




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:152 Resp: 18849

Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.5	191.3
115	65.2	53.2	79.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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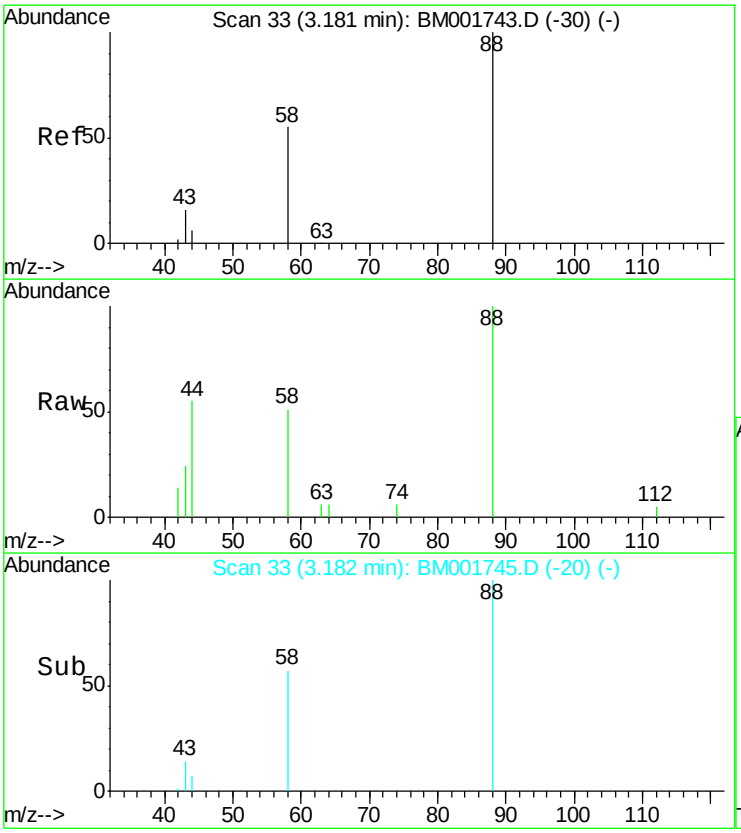
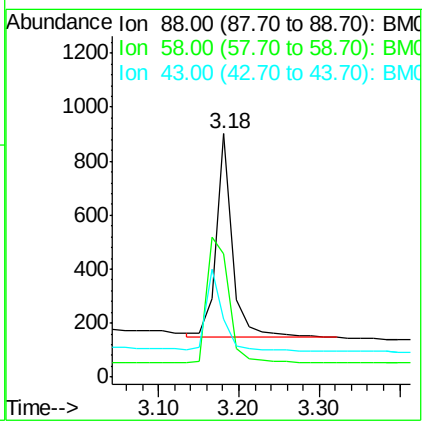
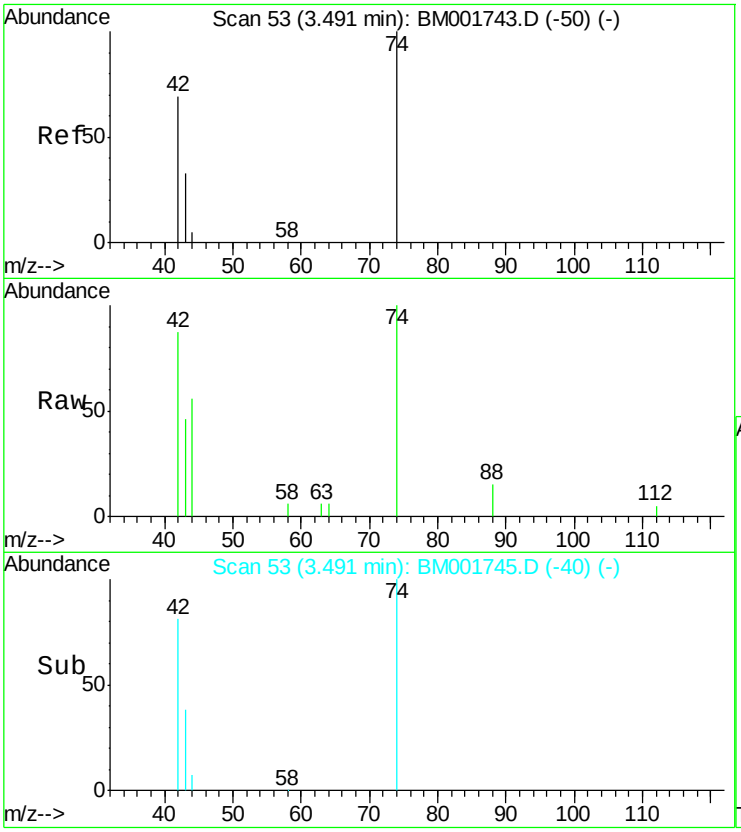


#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion: 88 Resp: 1054

Ion	Ratio	Lower	Upper
88	100		
58	84.5	68.3	102.5
43	43.7	32.6	48.8





#3
n-Nitrosodimethylamine
Concen: 0.47 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion: 42 Resp: 1543

Ion	Ratio	Lower	Upper
42	100		
74	98.7	78.6	118.0
44	8.8	5.0	7.6#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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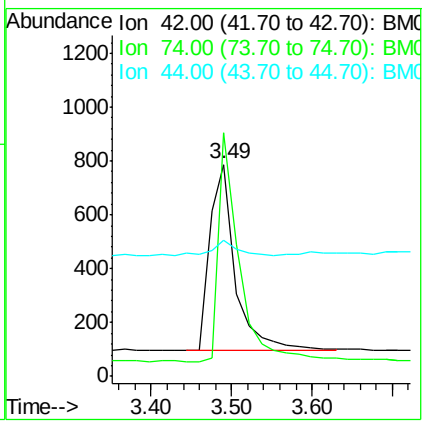
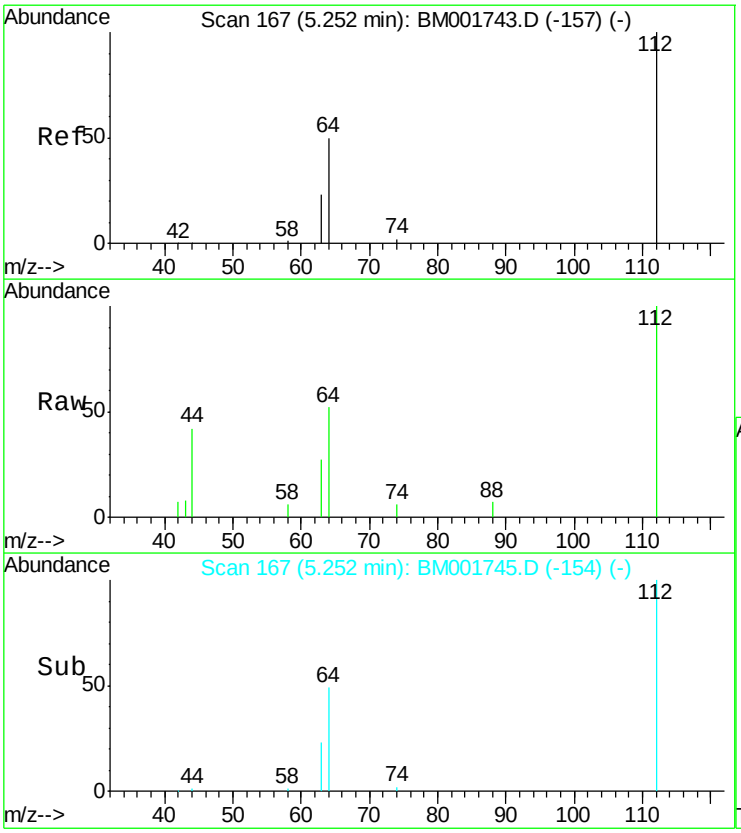
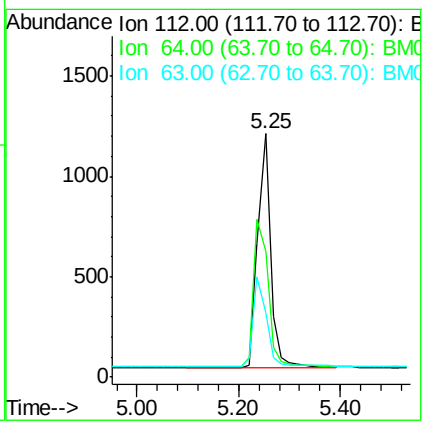


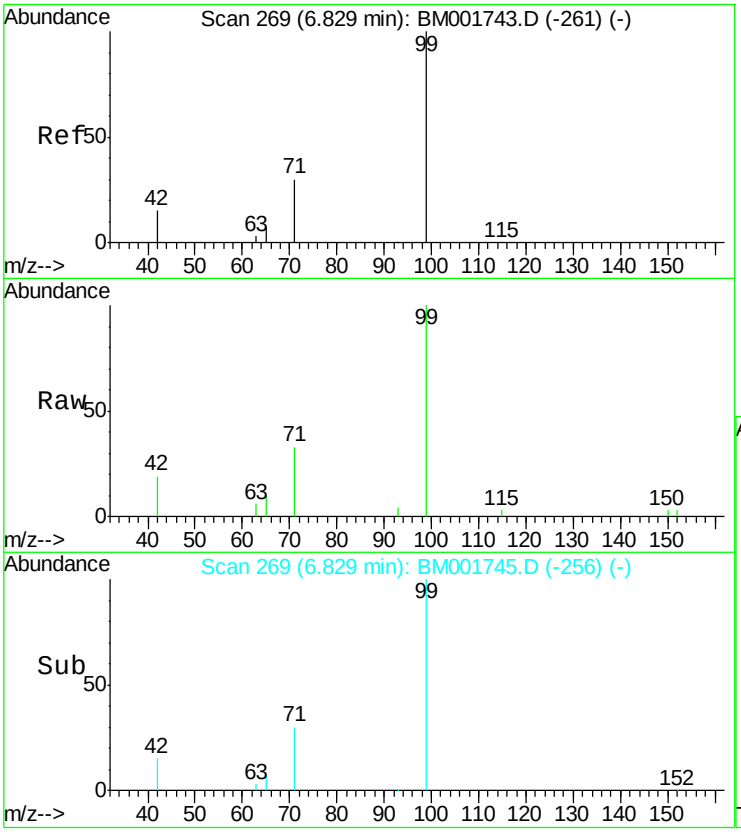


#4
2-Fluorophenol
Concen: 0.45 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:112 Resp: 2023

Ion	Ratio	Lower	Upper
112	100		
64	70.4	55.6	83.4
63	38.9	30.2	45.2

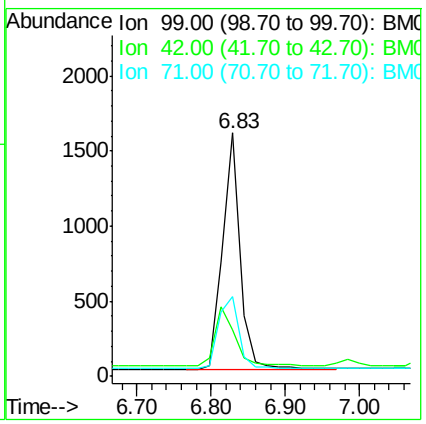




#5
Phenol-d6
Concen: 0.46 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion: 99 Resp: 2581

Ion	Ratio	Lower	Upper
99	100		
42	27.6	21.4	32.0
71	36.1	28.3	42.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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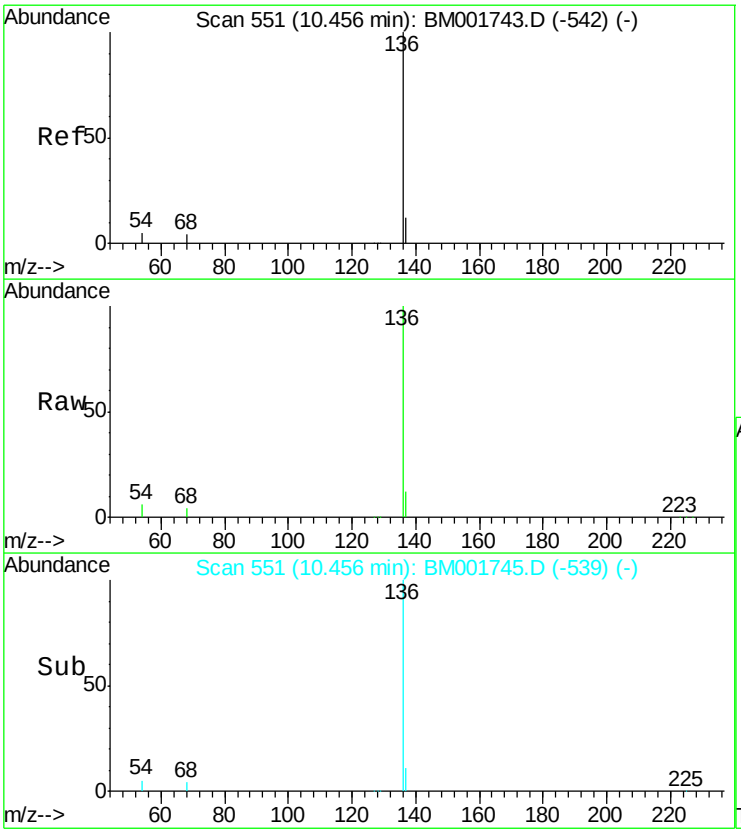
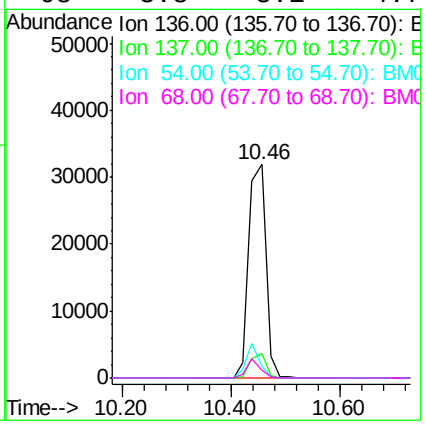
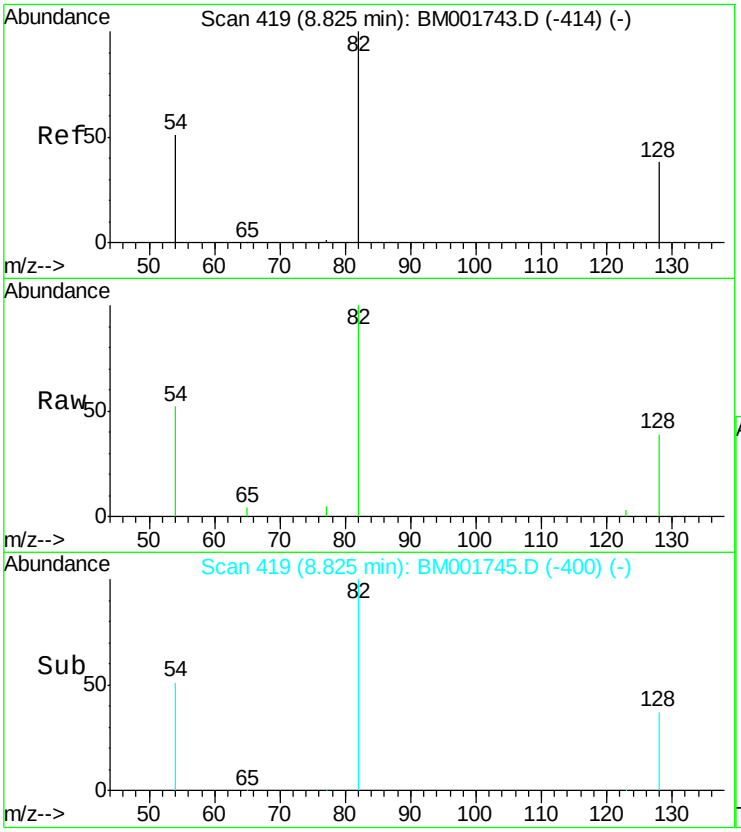


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:136 Resp: 69051

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	5.5	4.4	6.6
68	3.8	3.1	4.7

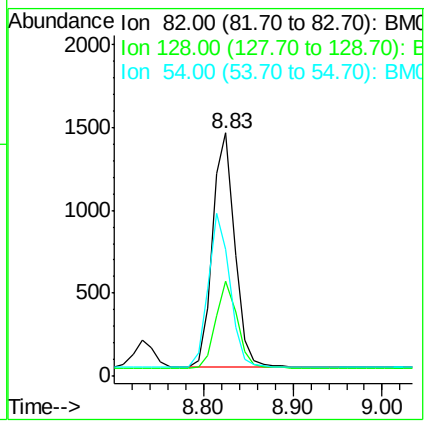




#7
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion: 82 Resp: 2436

Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	52.5	41.9	62.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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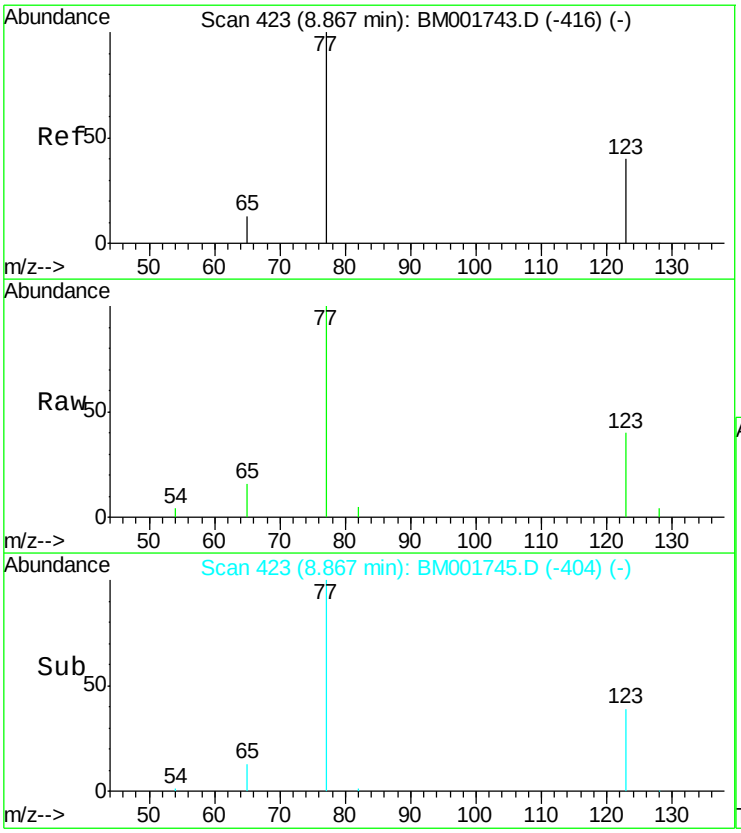
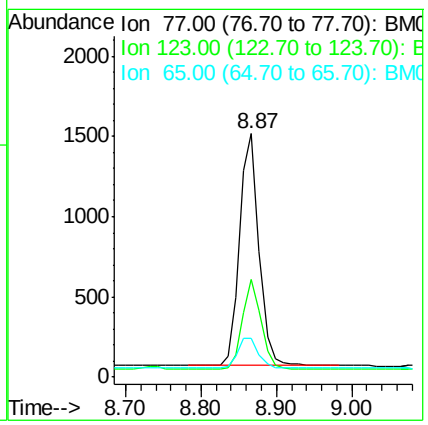
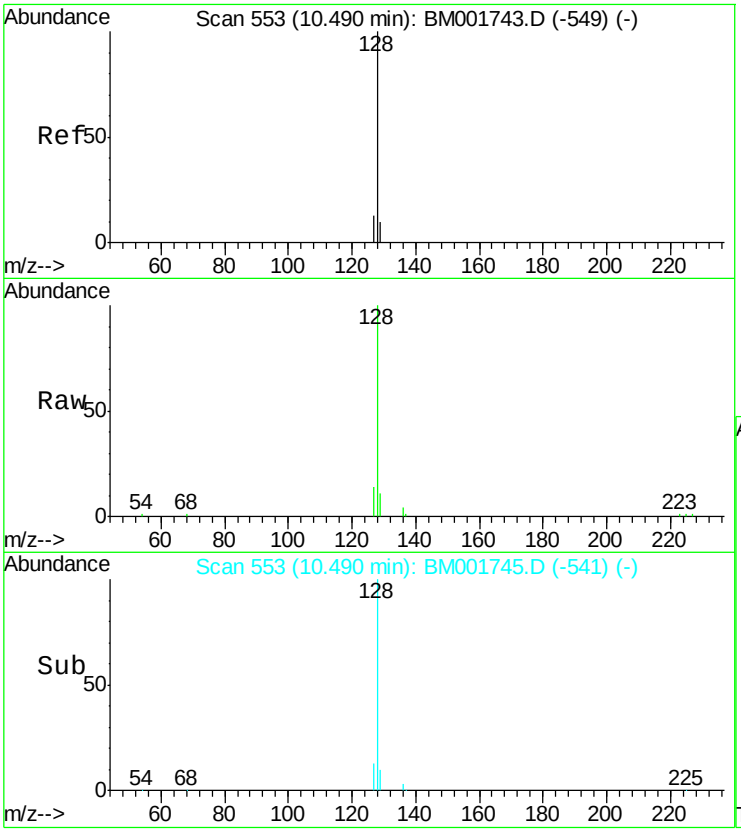


#8
Nitrobenzene
Concen: 0.45 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion: 77 Resp: 2600

Ion	Ratio	Lower	Upper
77	100		
123	37.5	30.1	45.1
65	14.3	11.3	16.9

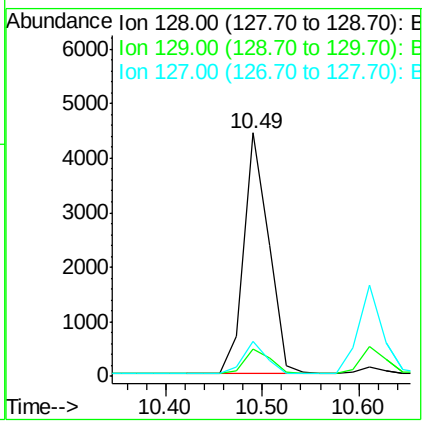




#9
Naphthalene
Concen: 0.47 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:128 Resp: 7878

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	14.2	11.2	16.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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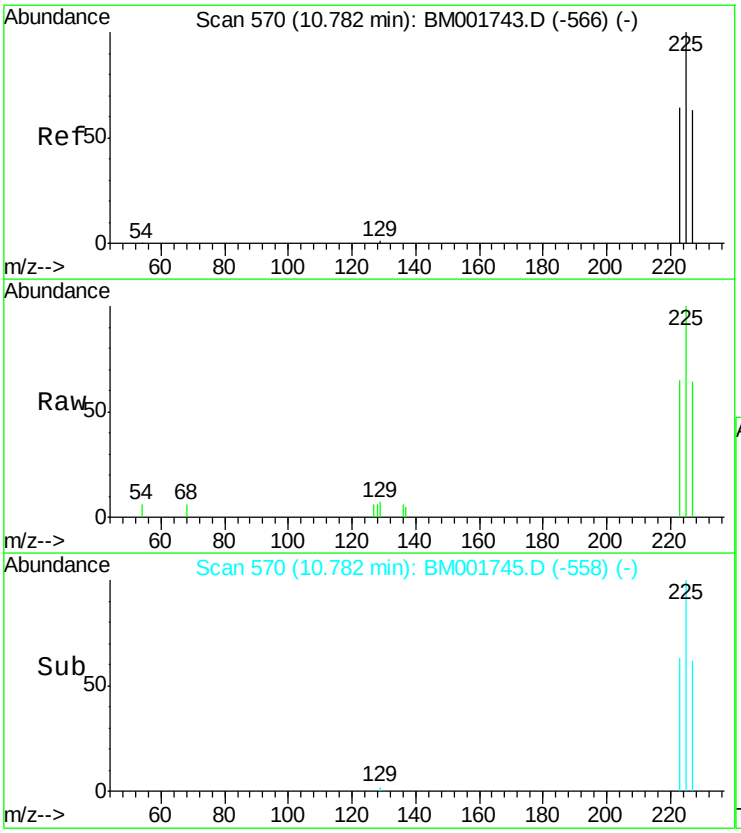
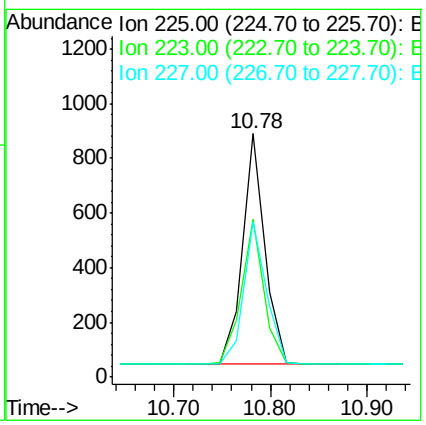
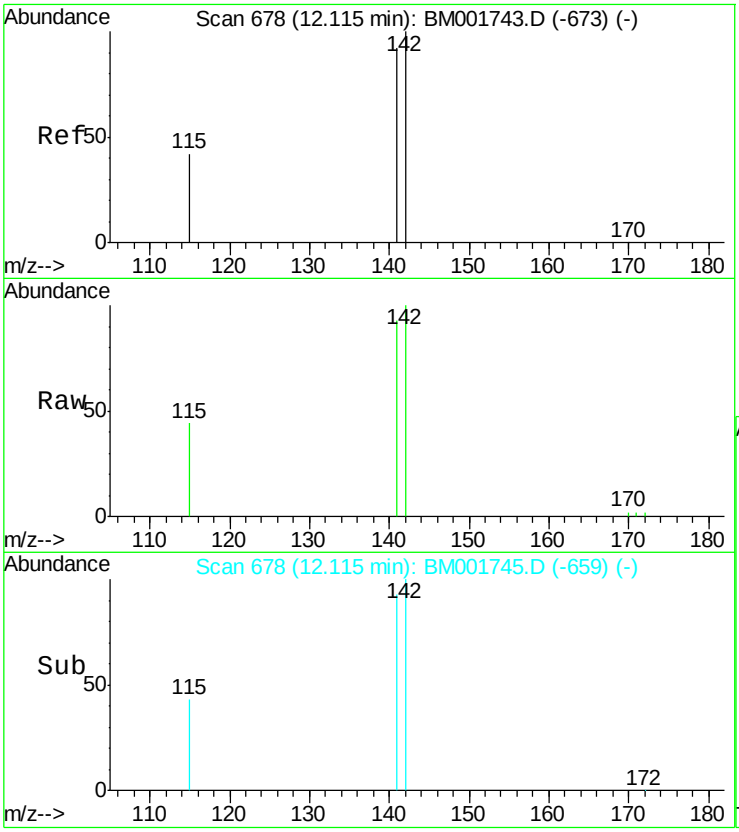


#10
Hexachlorobutadiene
Concen: 0.48 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:225 Resp: 1358

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.4
227	63.3	51.8	77.8

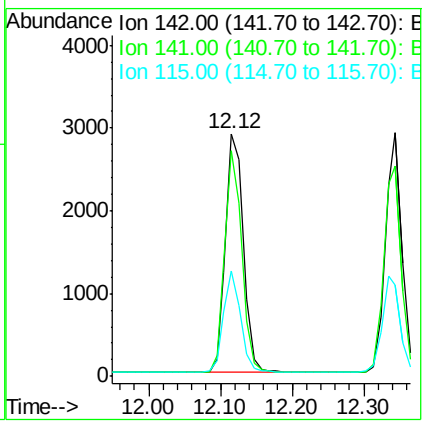




#11
2-Methylnaphthalene
Concen: 0.46 ng
RT: 12.12 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:142 Resp: 4999

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.6	110.4
115	43.7	34.1	51.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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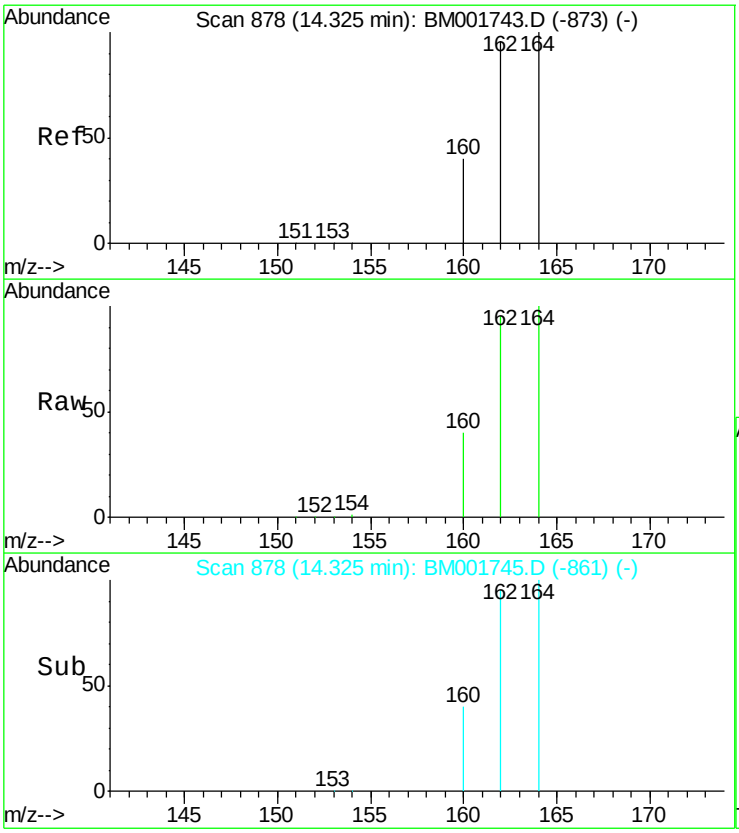
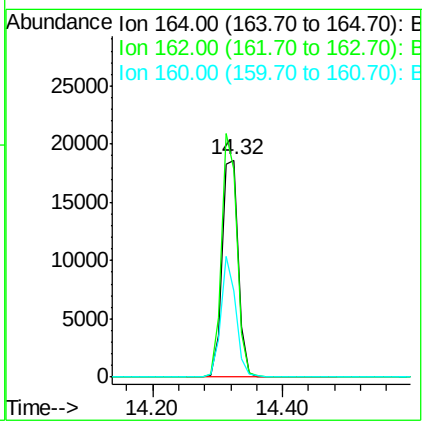
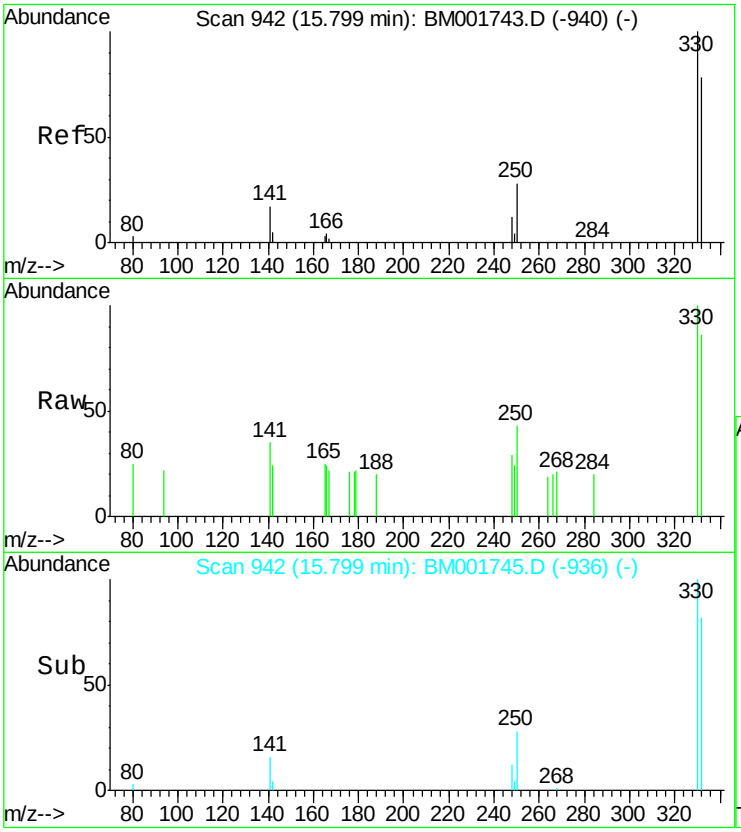


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:164 Resp: 32765

Ion	Ratio	Lower	Upper
164	100		
162	95.4	76.6	114.8
160	39.7	31.8	47.8

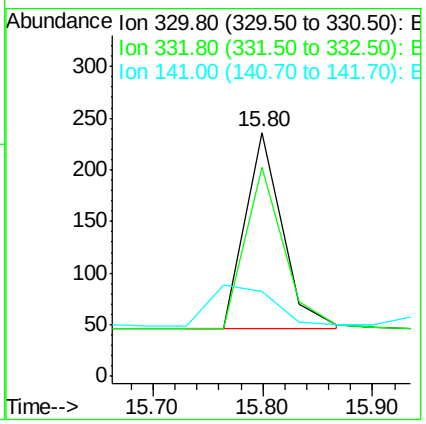




#13
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:330 Resp: 444

Ion	Ratio	Lower	Upper
330	100		
332	85.4	65.8	98.8
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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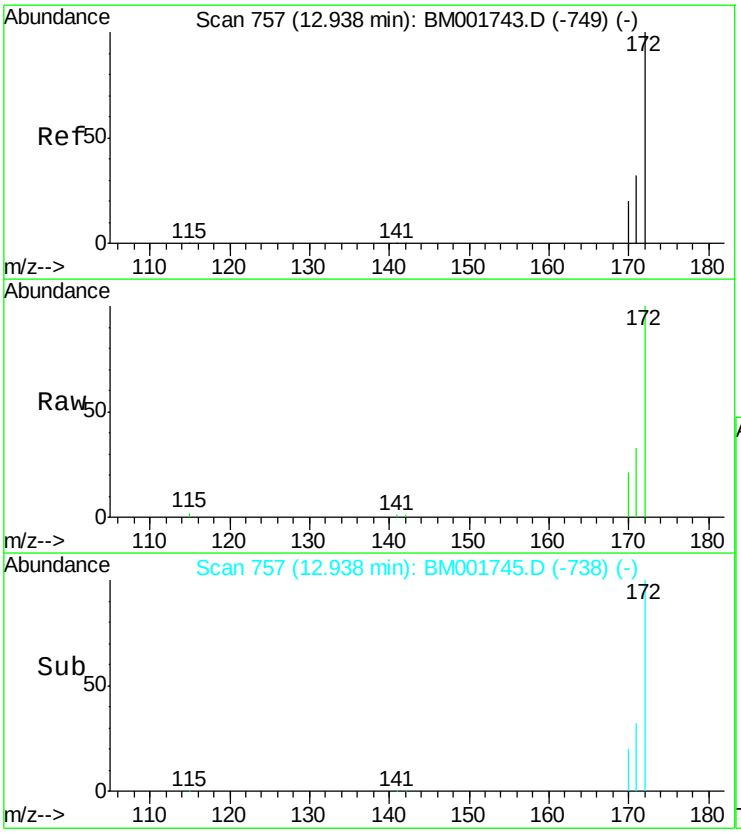
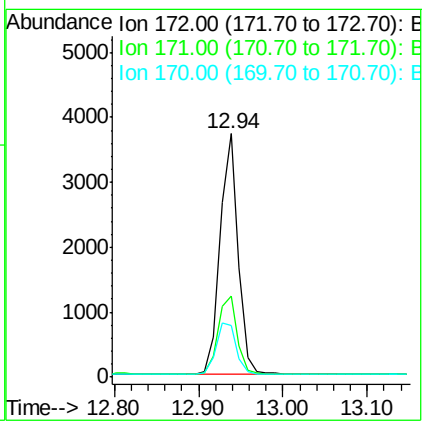
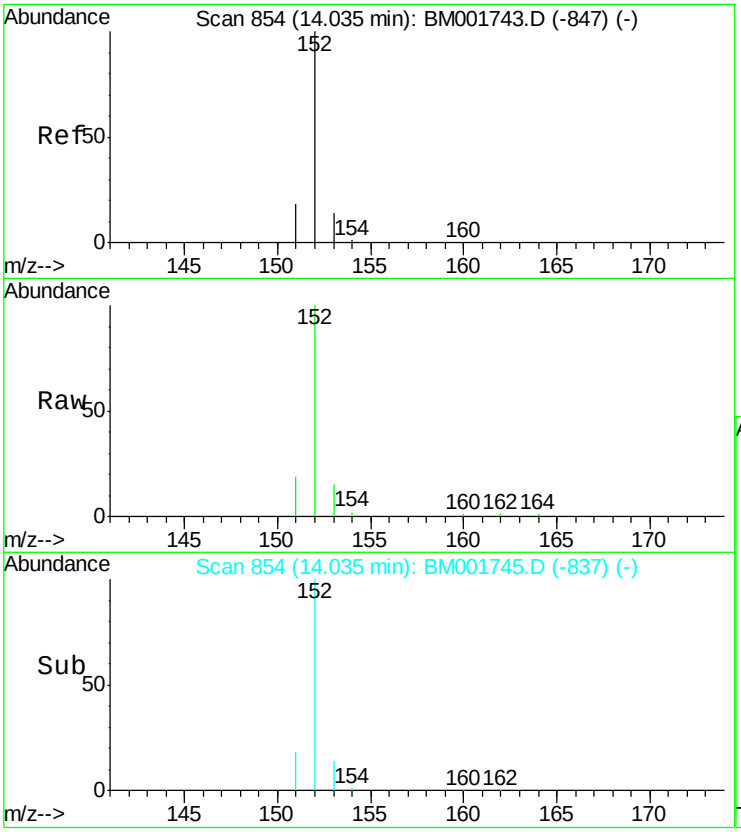


#14
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:172 Resp: 5584

Ion	Ratio	Lower	Upper
172	100		
171	33.1	26.2	39.2
170	21.1	16.6	24.8

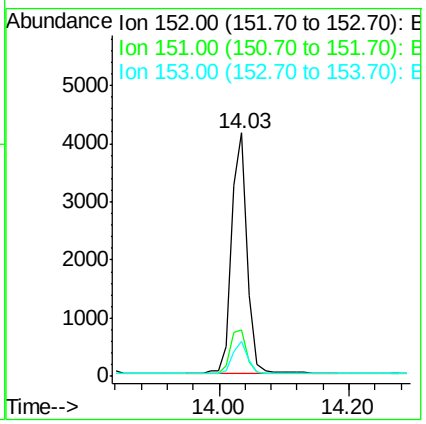




#15
Acenaphthylene
Concen: 0.45 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:152 Resp: 6997

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.8	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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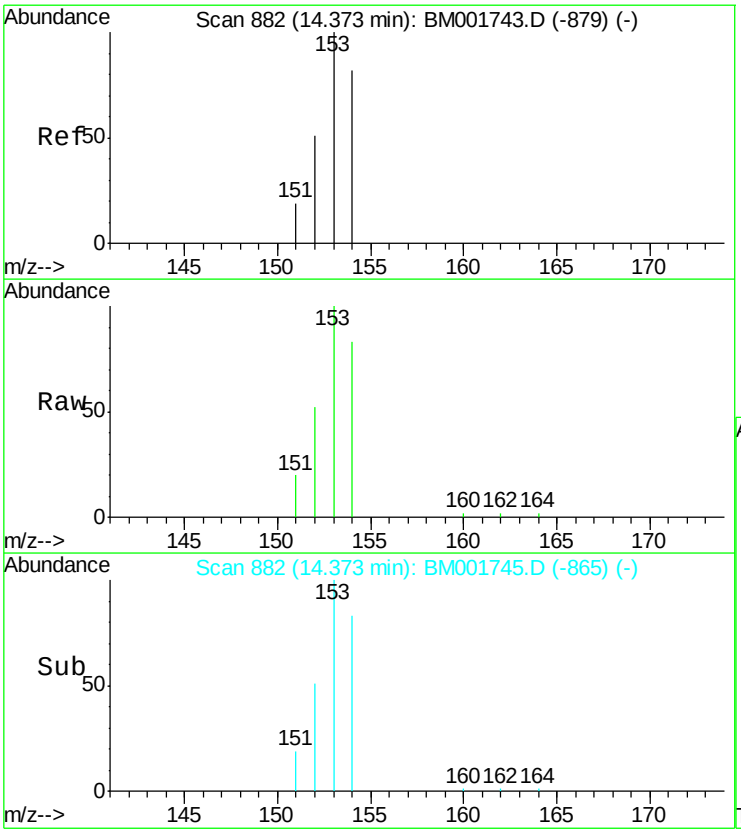
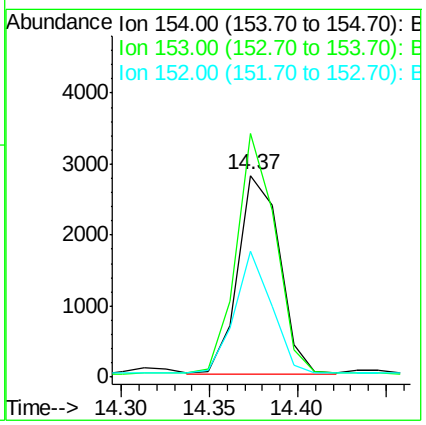
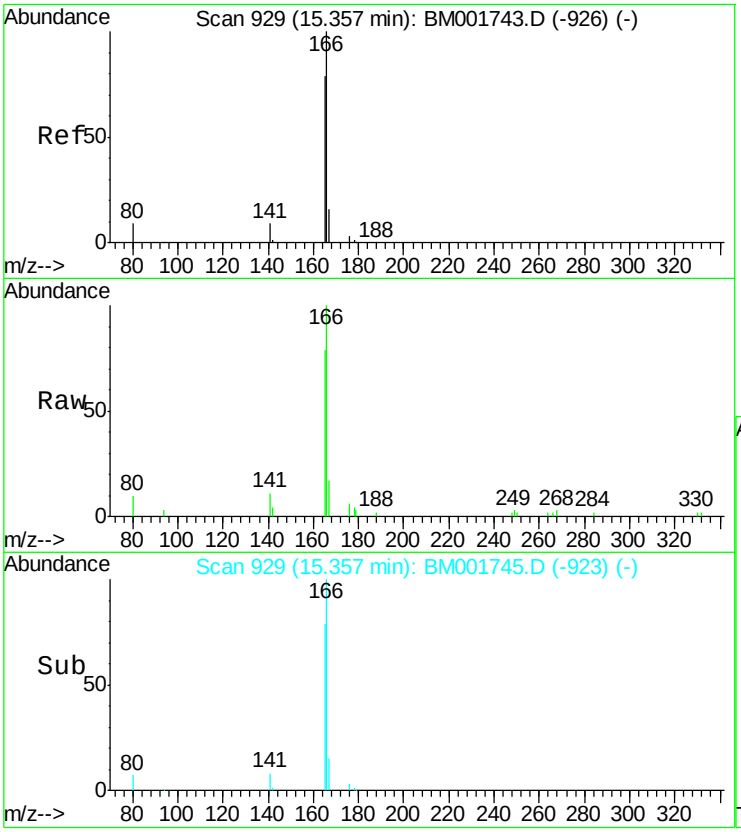


#16
Acenaphthene
Concen: 0.47 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:154 Resp: 4587

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.0	135.0
152	55.2	44.2	66.4

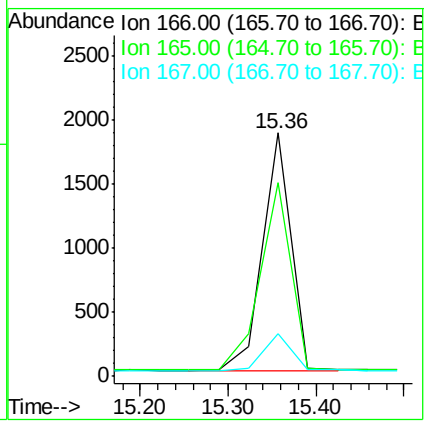




#17
Fluorene
Concen: 0.42 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:166 Resp: 4178

Ion	Ratio	Lower	Upper
166	100		
165	85.6	68.2	102.2
167	14.9	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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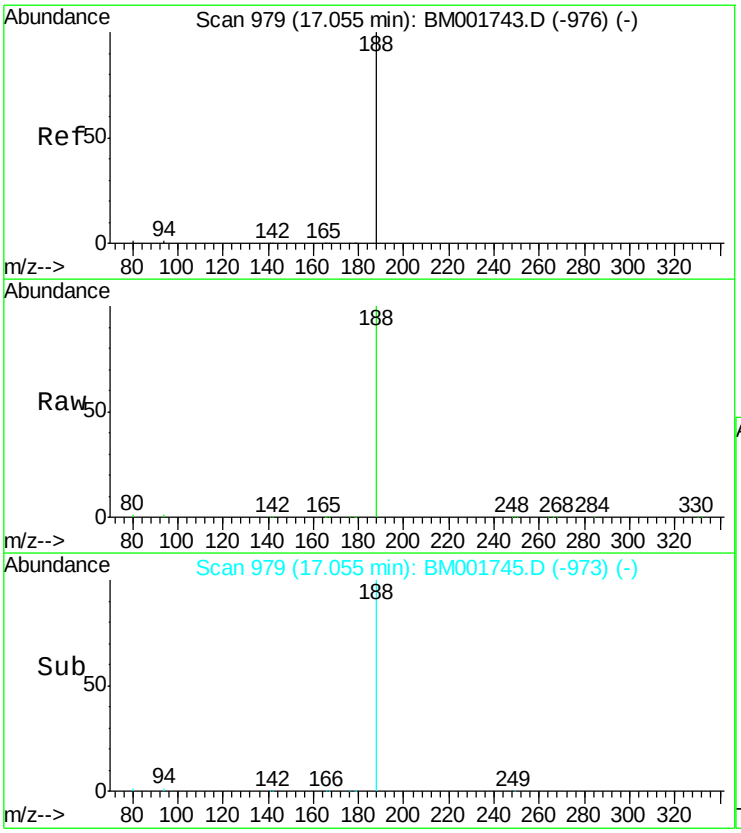
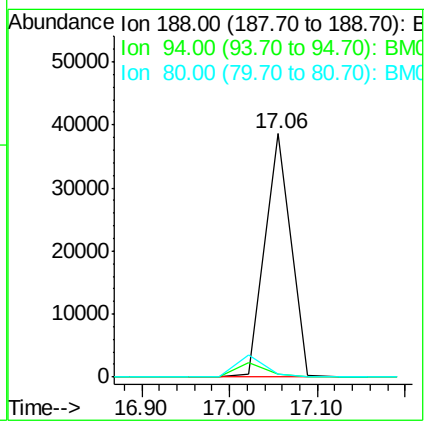
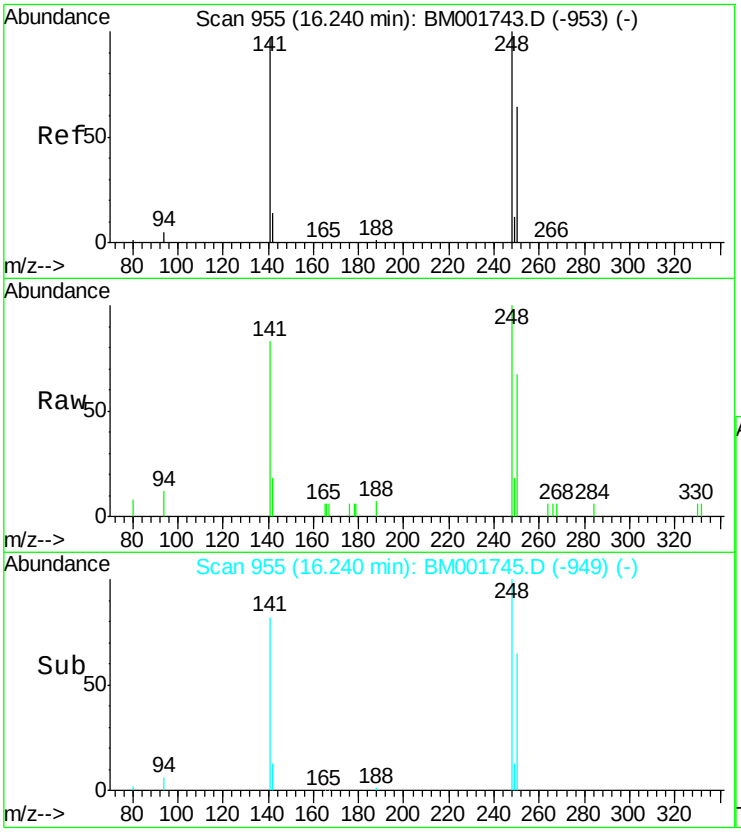


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:188 Resp: 79761

Ion	Ratio	Lower	Upper
188	100		
94	1.3	1.3	1.9#
80	1.1	1.0	1.6

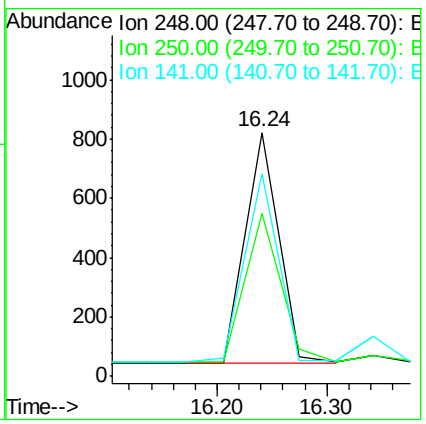




#19
4-Bromophenyl-phenylether
Concen: 0.23 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:248 Resp: 1624

Ion	Ratio	Lower	Upper
248	100		
250	69.0	54.8	82.2
141	81.5	76.2	114.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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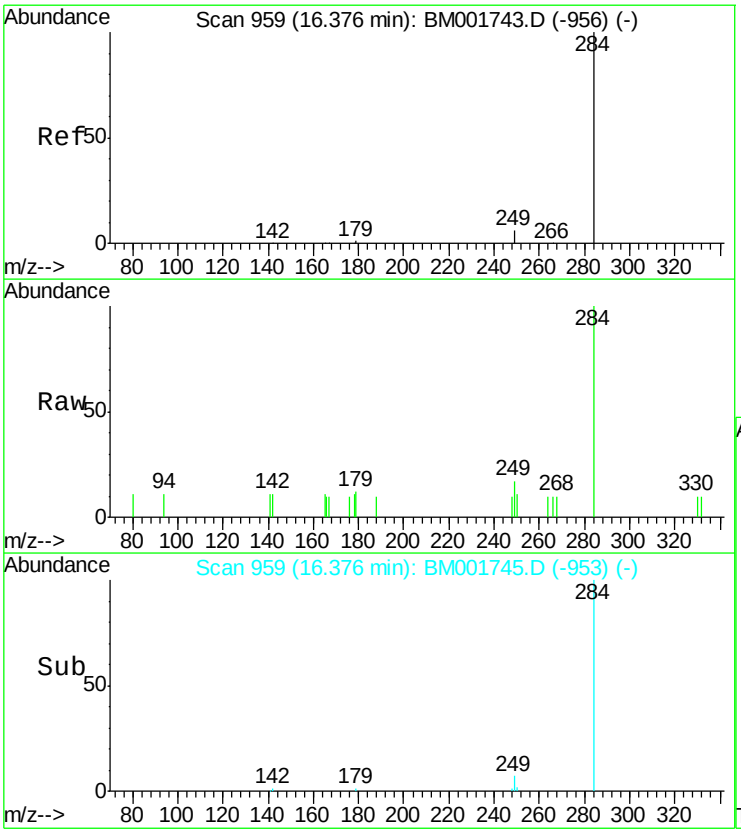
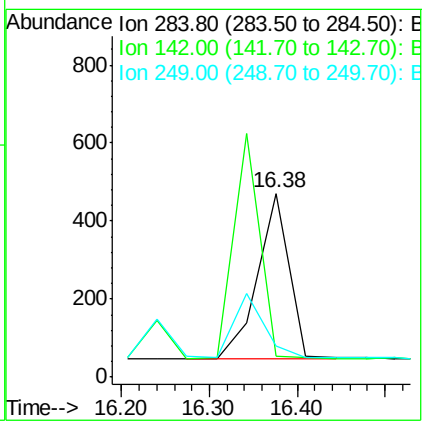
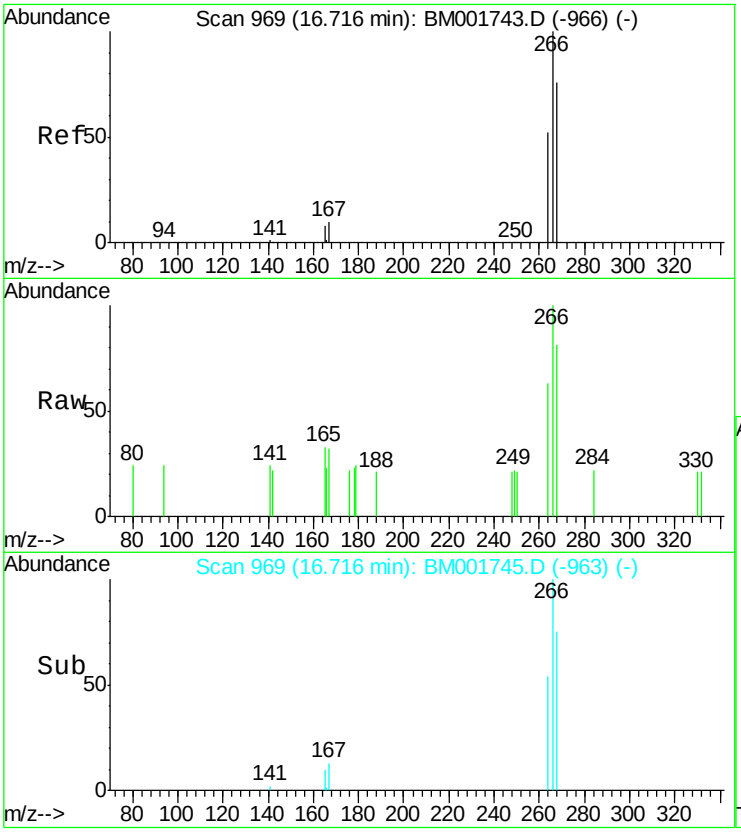


#20
Hexachlorobenzene
Concen: 0.16 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:284 Resp: 1070

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

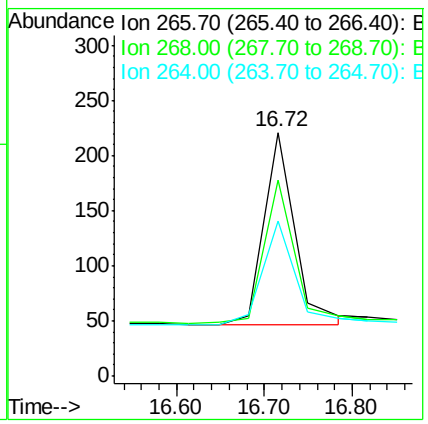




#21
Pentachlorophenol
Concen: 0.23 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:266 Resp: 426

Ion	Ratio	Lower	Upper
266	100		
268	80.5	63.2	94.8
264	63.3	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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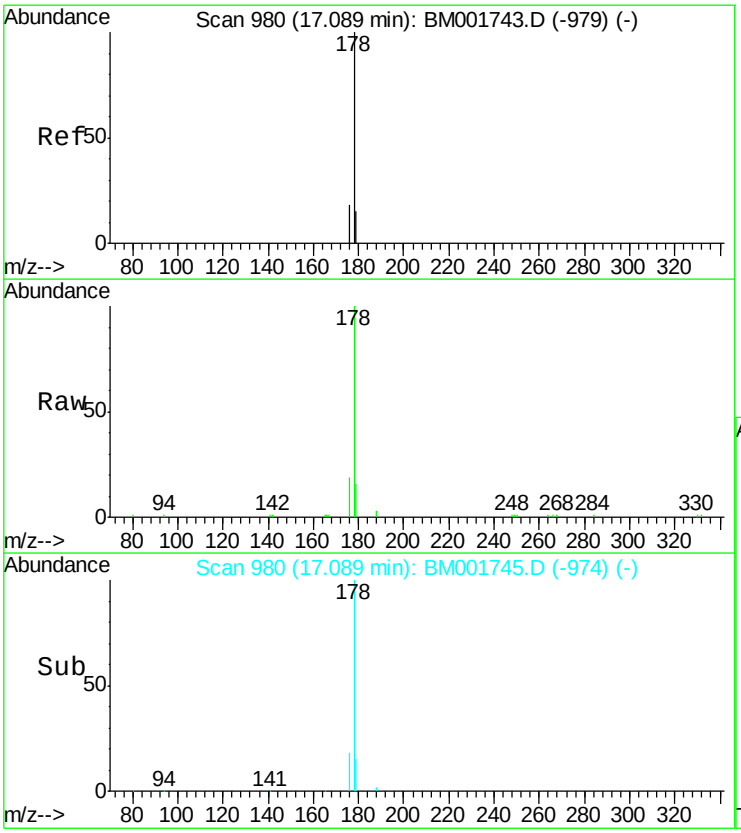
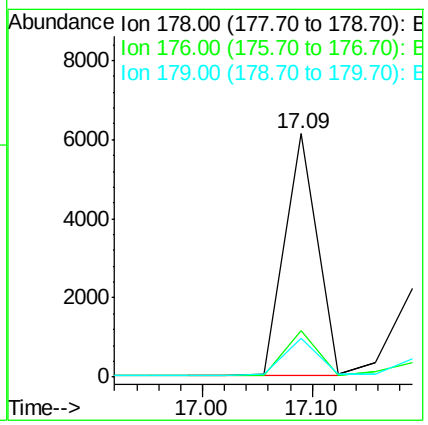
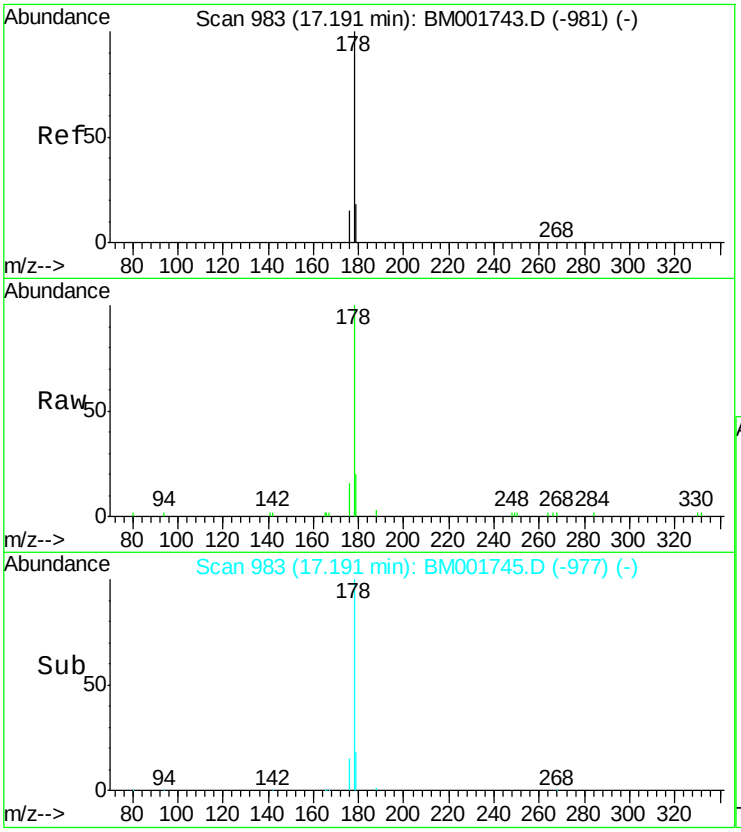


#22
Phenanthrene
Concen: 0.47 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:178 Resp: 12548

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.0	12.6	19.0

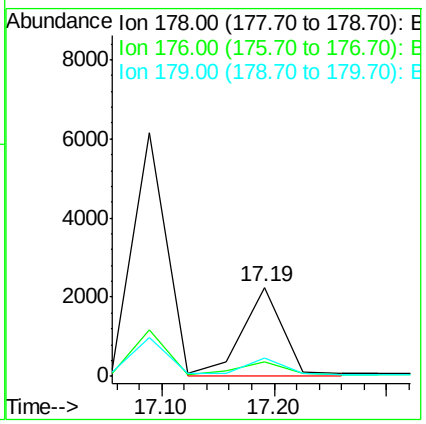




#23
Anthracene
Concen: 0.20 ng m
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:178 Resp: 5719

Ion	Ratio	Lower	Upper
178	100		
176	11.4	10.0	15.0
179	14.5	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
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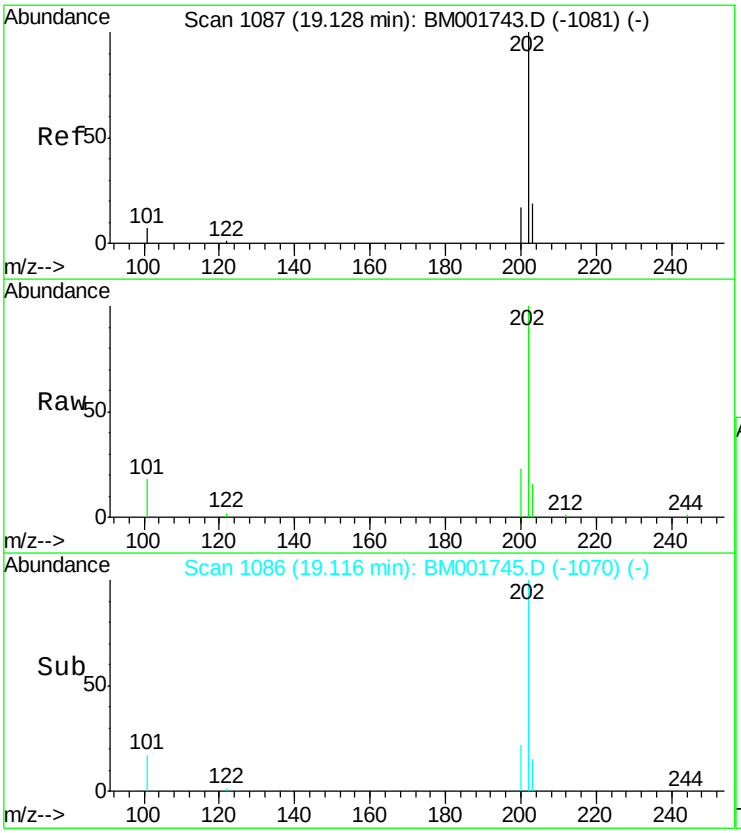
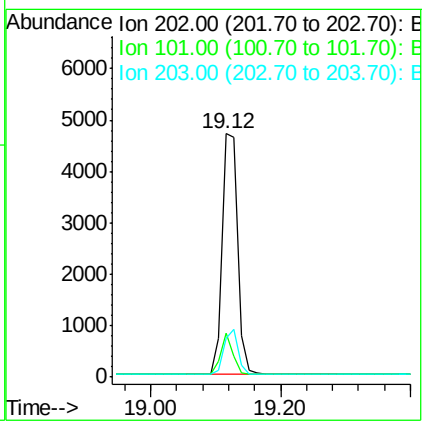
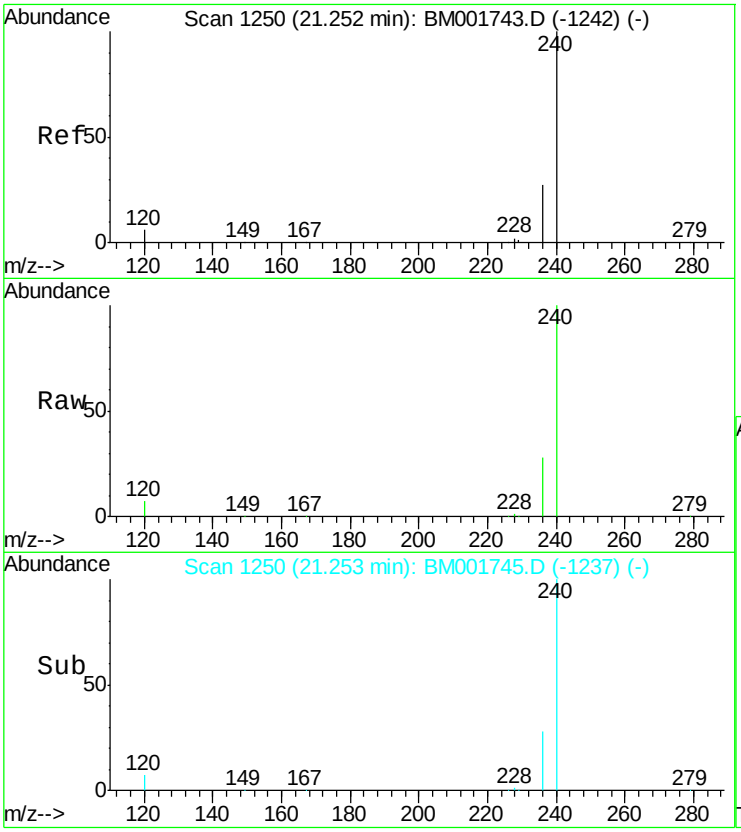


#24
Fluoranthene
Concen: 0.23 ng
RT: 19.12 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:202 Resp: 8011

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.8	16.2
203	17.2	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: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:240 Resp: 48405

Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.7	7.1#
236	27.9	21.6	32.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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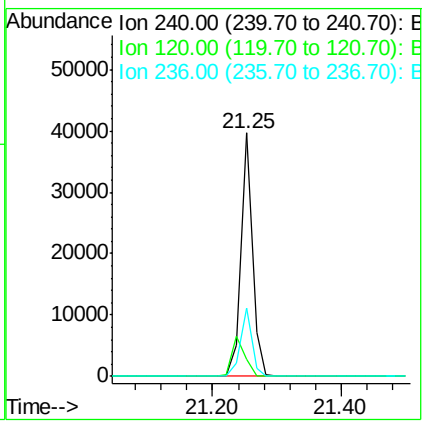
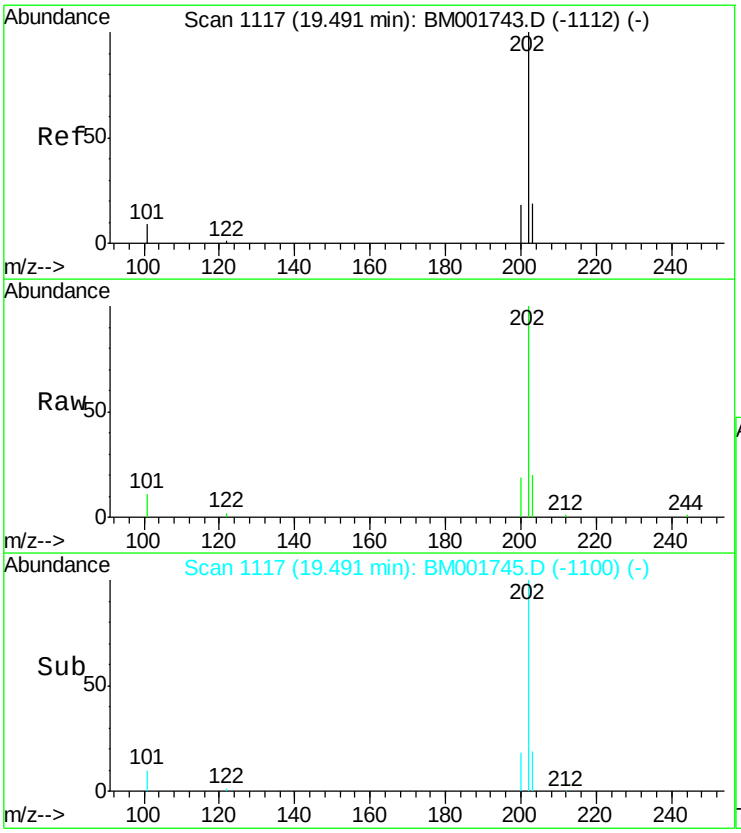
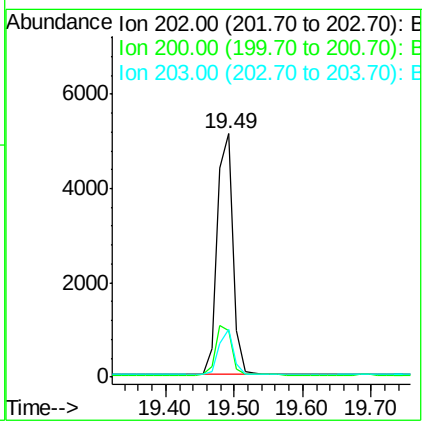


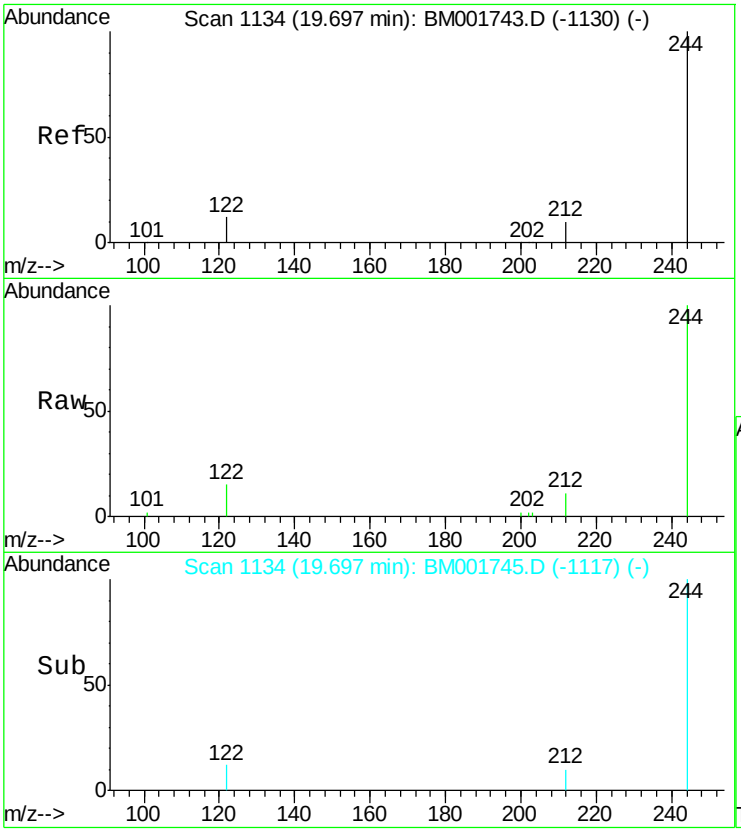


#26
Pyrene
Concen: 0.49 ng
RT: 19.49 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:202 Resp: 8139

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.5	13.9	20.9

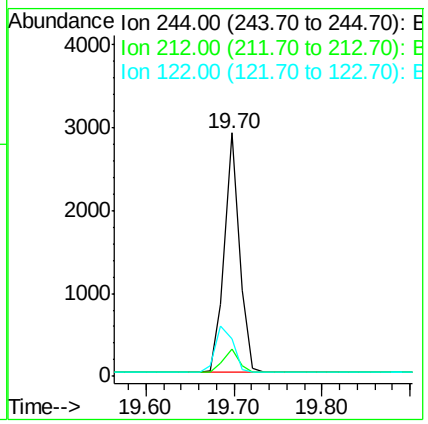




#27
Terphenyl-d14
Concen: 0.48 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:244 Resp: 3504

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.6	13.0
122	15.2	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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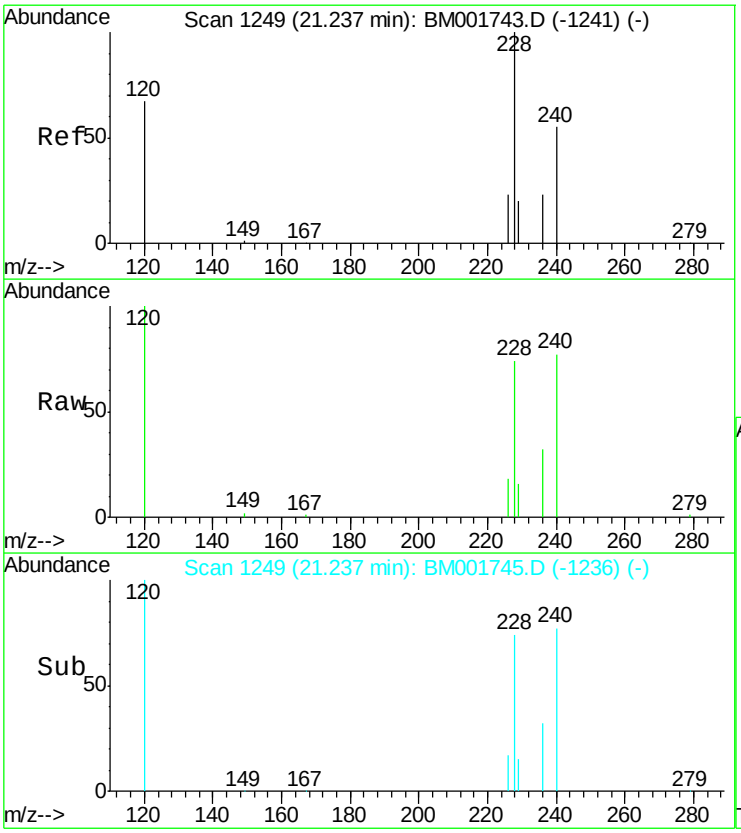
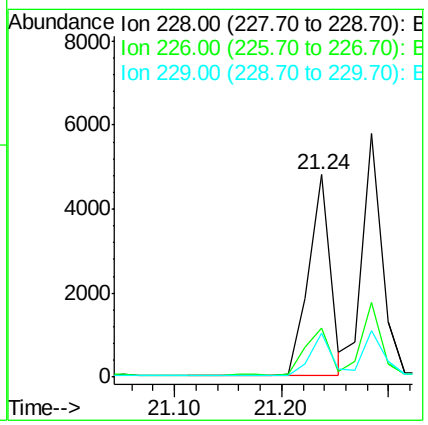
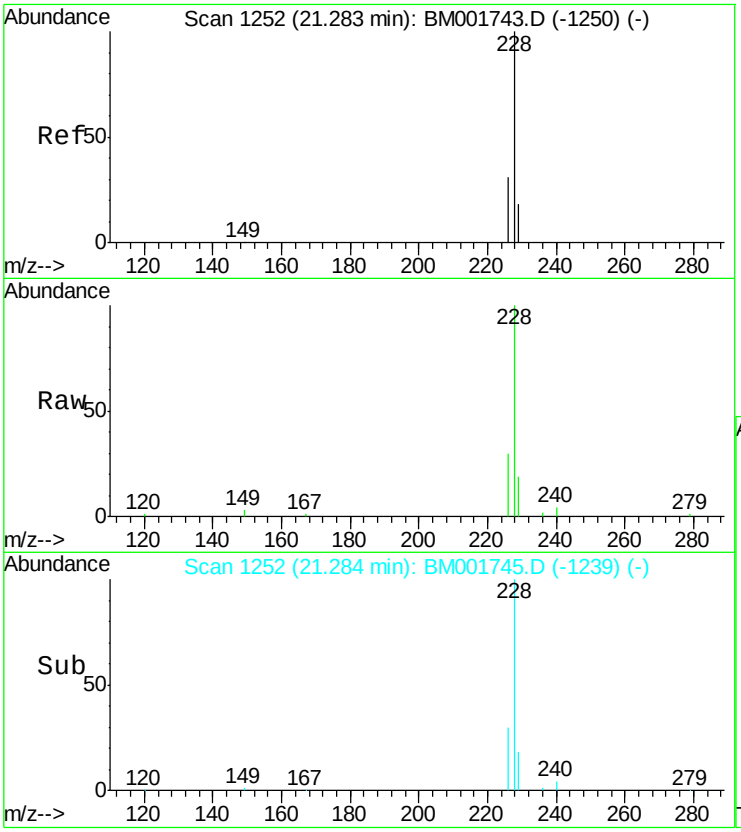


#28
Benzo(a)anthracene
Concen: 0.44 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:228 Resp: 6645

Ion	Ratio	Lower	Upper
228	100		
226	24.4	18.9	28.3
229	21.5	16.6	25.0





#29
Chrysene
Concen: 0.50 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:228 Resp: 7334

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.1	15.0	22.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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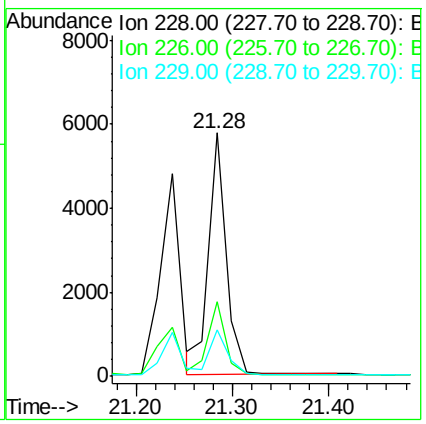
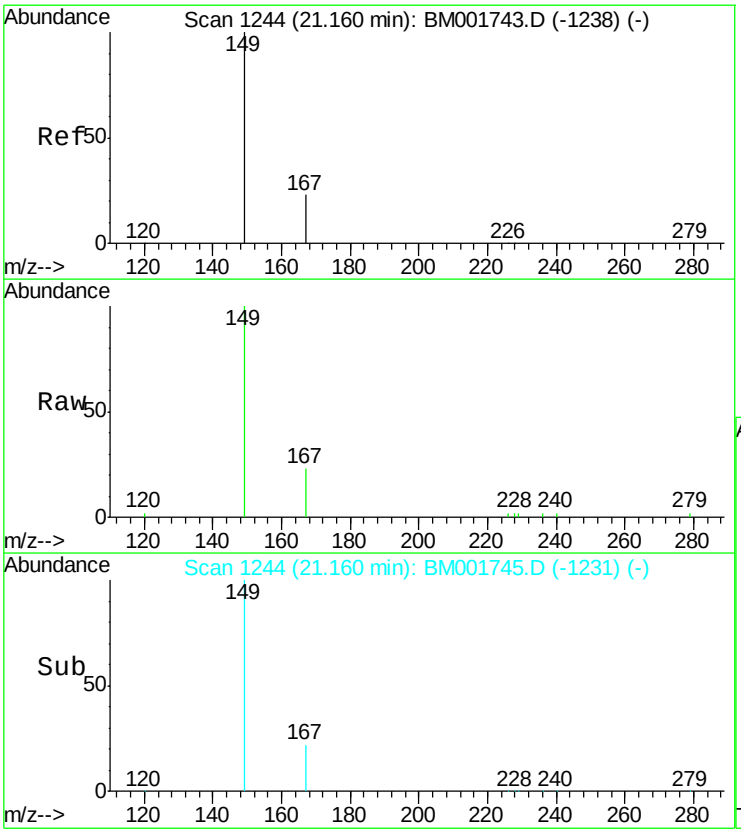
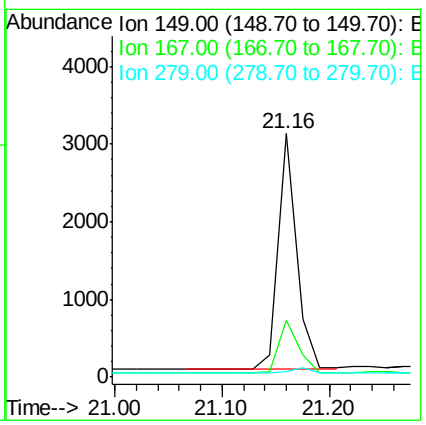


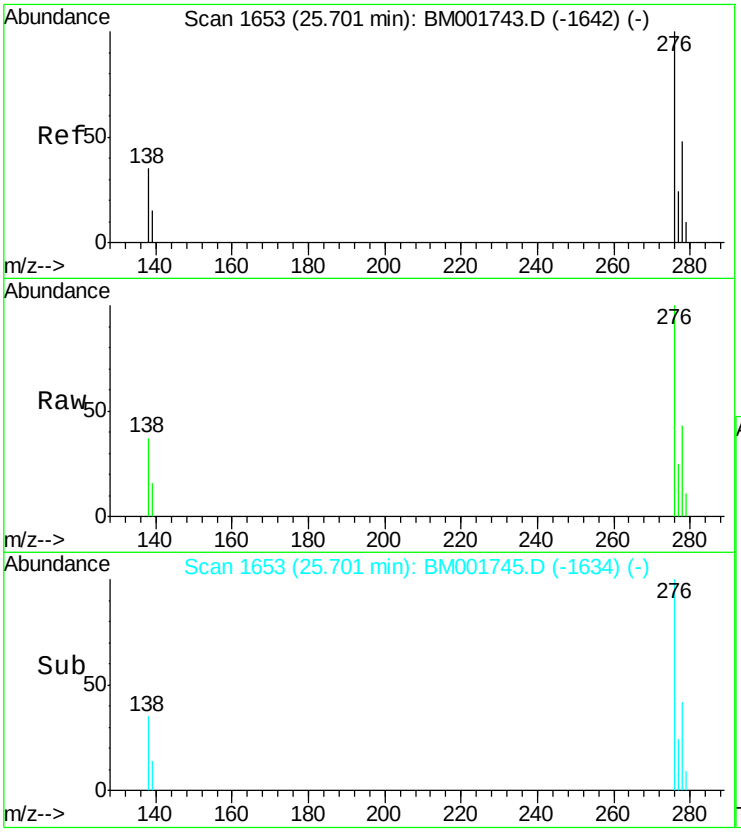


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:149 Resp: 3607

Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.7	29.5
279	2.2	1.6	2.4

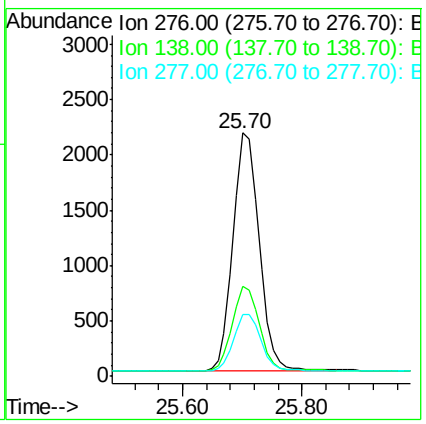




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.55 ng
RT: 25.70 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:276 Resp: 6565

Ion	Ratio	Lower	Upper
276	100		
138	36.1	29.0	43.6
277	24.7	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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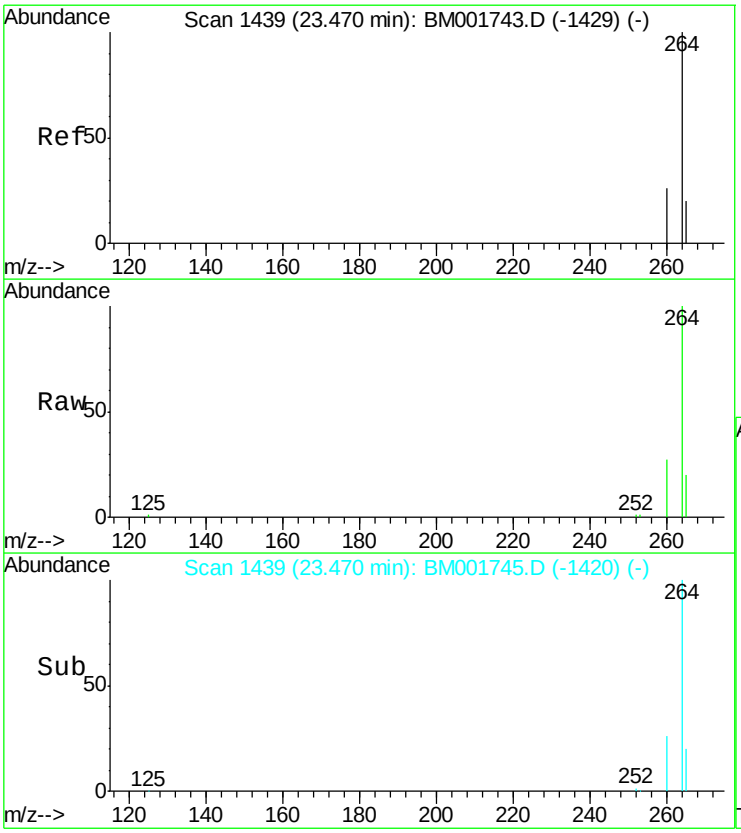
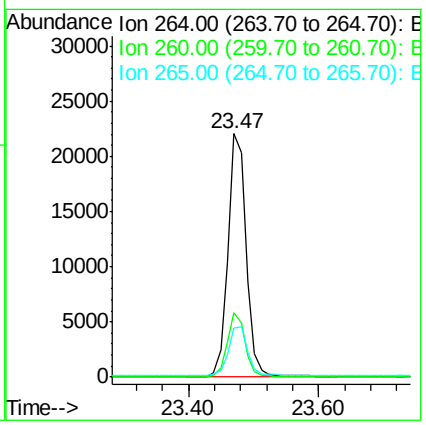
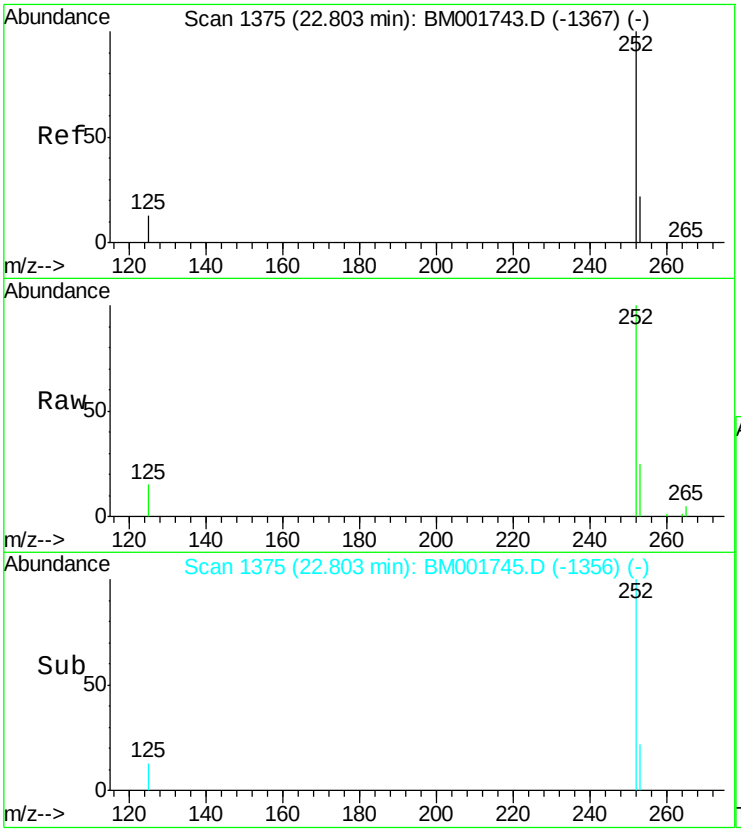


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:264 Resp: 42234

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.8	31.2
265	20.4	16.8	25.2

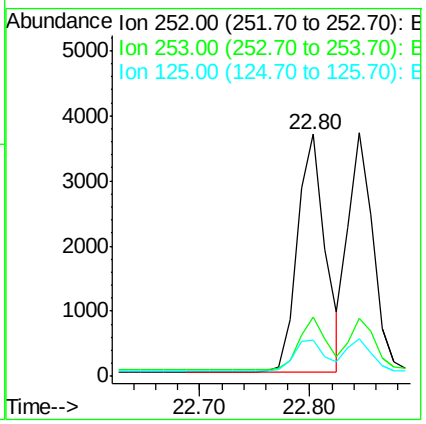




#33
Benzo(b)fluoranthene
Concen: 0.46 ng
RT: 22.80 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:252 Resp: 6357

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.4
125	15.1	11.3	16.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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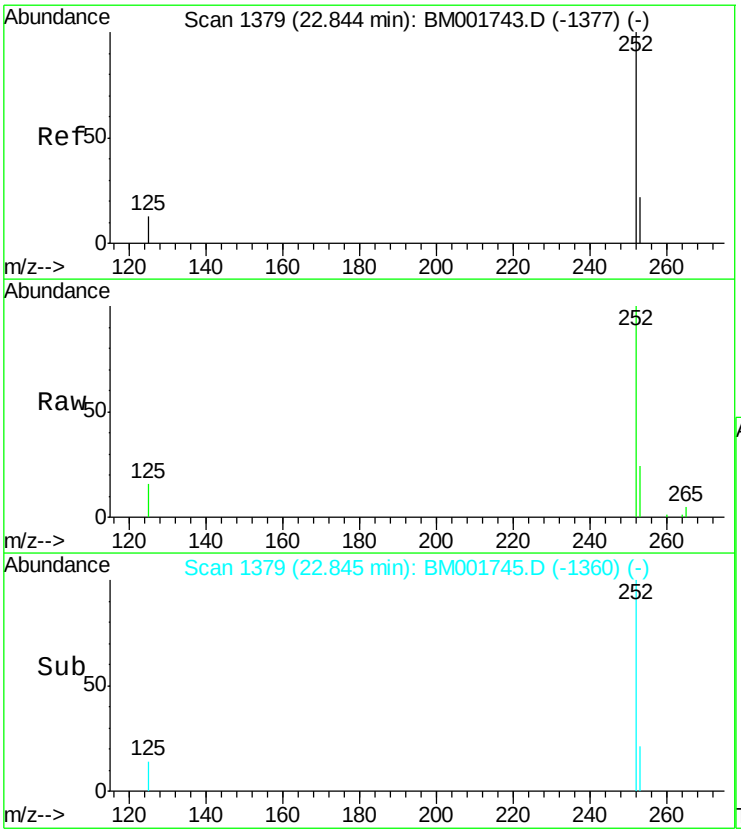
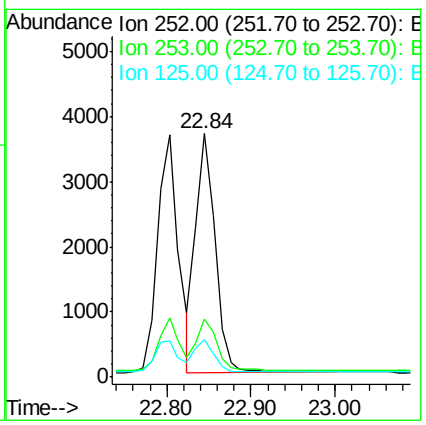
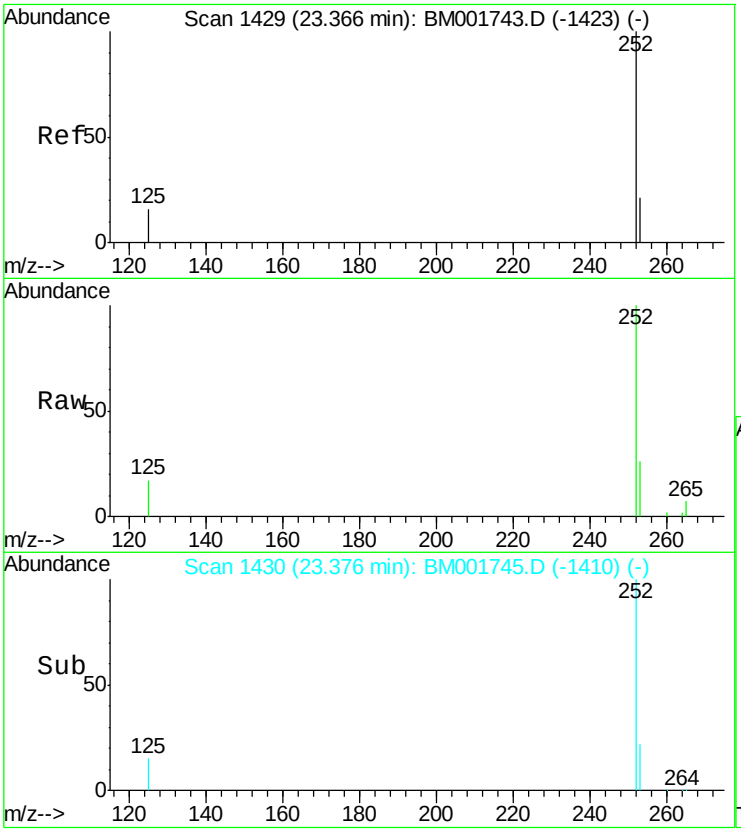


#34
Benzo(k)fluoranthene
Concen: 0.43 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:252 Resp: 5775

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	15.7	11.8	17.6

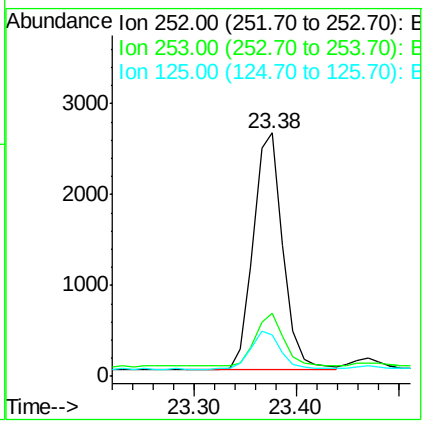




#35
Benzo(a)pyrene
Concen: 0.46 ng
RT: 23.38 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:252 Resp: 5311

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	17.1	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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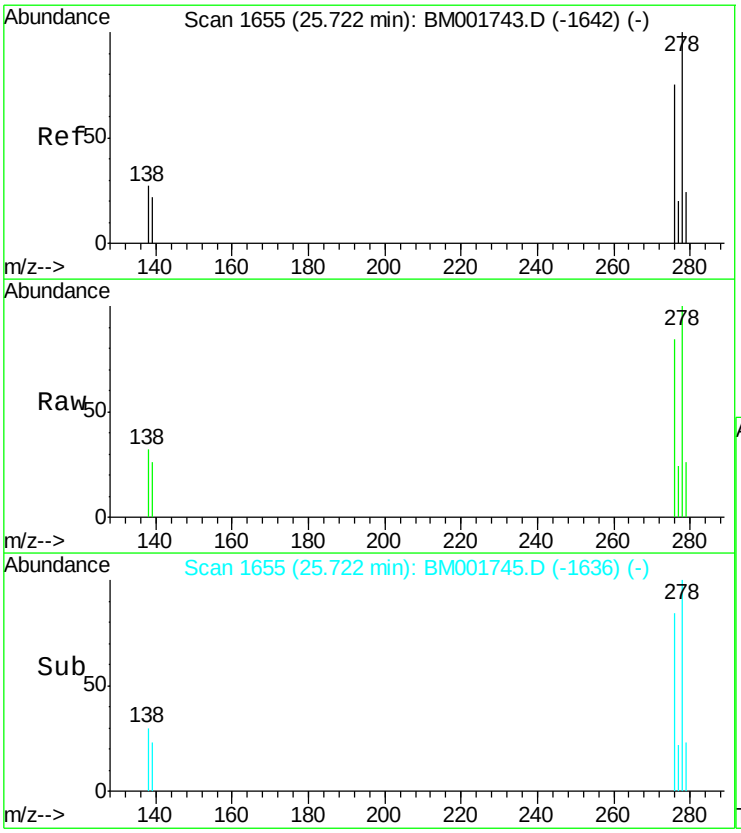
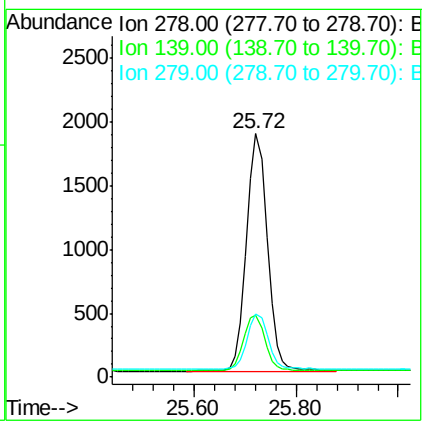
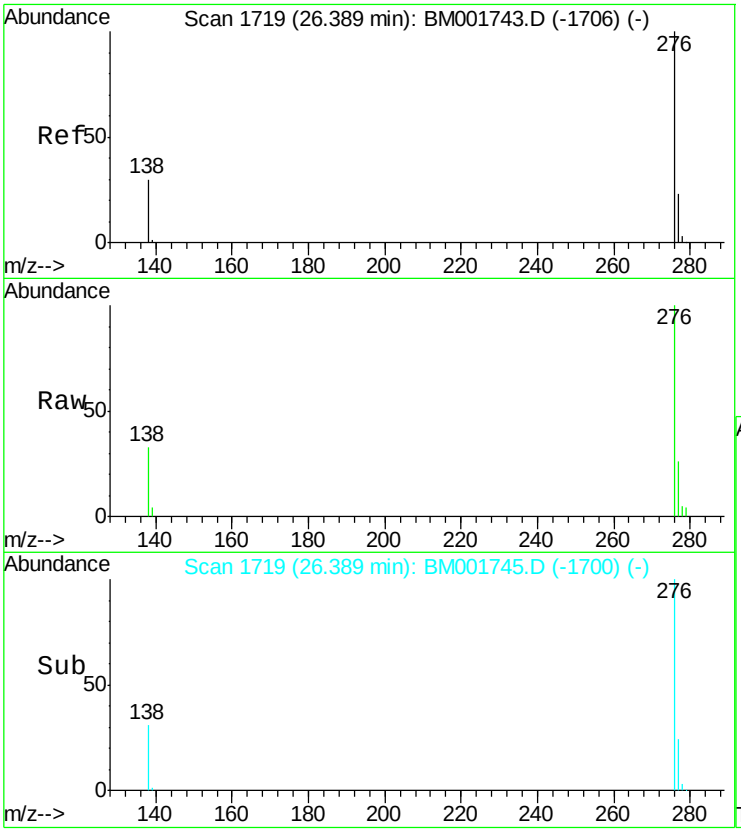


#36
Dibenzo(a,h)anthracene
Concen: 0.53 ng
RT: 25.72 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:278 Resp: 5291

Ion	Ratio	Lower	Upper
278	100		
139	25.6	18.4	27.6
279	25.8	19.8	29.8

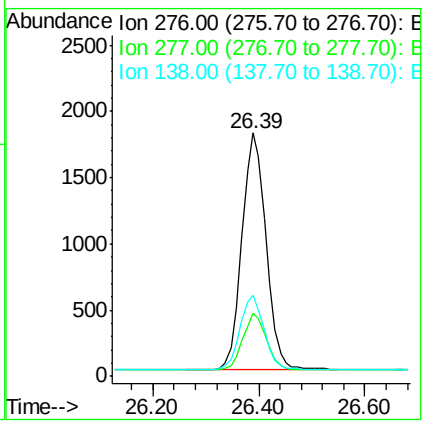




#37
Benzo(g,h,i)perylene
Concen: 0.52 ng
RT: 26.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:276 Resp: 5613

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.3	28.9
138	33.2	24.7	37.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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