Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060315\
Data File : BM001542.D
Acq On : 03 Jun 2015 19:36
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Manual Integrations APPROVED
apatel
6/5/2015 8:04:07 AM

Quant Time: Jun 04 03:53:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 03:14:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	25798	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	91662	5.00	ng		0.00
12) Acenaphthene-d10	14.36	164	44624	5.00	ng		0.00
18) Phenanthrene-d10	17.10	188	57194	5.00	ng		0.00
25) Chrysene-d12	21.28	240	73518	5.00	ng		0.00
32) Perylene-d12	23.53	264	67831	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	12101	2.13	ng		0.00
5) Phenol-d6	6.86	99	14882	2.12	ng		0.00
7) Nitrobenzene-d5	8.86	82	13461	2.32	ng		0.00
13) 2,4,6-Tribromophenol	15.84	330	4663	4.88	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	26449	1.98	ng		0.00
27) Terphenyl-d14	19.73	244	18577	2.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	4965	1.84	ng		98
3) n-Nitrosodimethylamine	3.51	42	7962	2.17	ng		99
8) Nitrobenzene	8.90	77	14216	2.31	ng		100
9) Naphthalene	10.52	128	38677	2.00	ng		99
10) Hexachlorobutadiene	10.82	225	6672	1.98	ng		100
11) 2-Methylnaphthalene	12.15	142	24621	2.03	ng		96
15) Acenaphthylene	14.07	152	40455	2.11	ng		100
16) Acenaphthene	14.42	154	23746	2.00	ng		98
17) Fluorene	15.36	166	15413	0.83	ng	#	76
19) 4-Bromophenyl-phenylether	16.28	248	11354	11.59	ng	#	60
20) Hexachlorobenzene	16.38	284	6037	2.98	ng	#	100
21) Pentachlorophenol	16.72	266	2713	3.06	ng	#	61
22) Phenanthrene	17.13	178	41196	3.78	ng		96
23) Anthracene	17.20	178	23775m	2.06	ng		
24) Fluoranthene	19.15	202	44176	4.30	ng		100
26) Pyrene	19.51	202	45953	2.06	ng		100
28) Benzo(a)anthracene	21.27	228	42824	2.15	ng		95
29) Chrysene	21.31	228	37258	1.99	ng		96
30) Bis(2-ethylhexyl)phthalate	21.20	149	31266	2.20	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	41375	1.99	ng		100
33) Benzo(b)fluoranthene	22.84	252	41785	2.18	ng		98
34) Benzo(k)fluoranthene	22.89	252	33273	1.94	ng		97
35) Benzo(a)pyrene	23.43	252	34927	2.11	ng		97
36) Dibenzo(a,h)anthracene	25.80	278	32407	1.98	ng		97
37) Benzo(g,h,i)perylene	26.48	276	33844	1.98	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060315\
Data File : BM001542.D
Acq On : 03 Jun 2015 19:36
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 03:53:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 03:14:13 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
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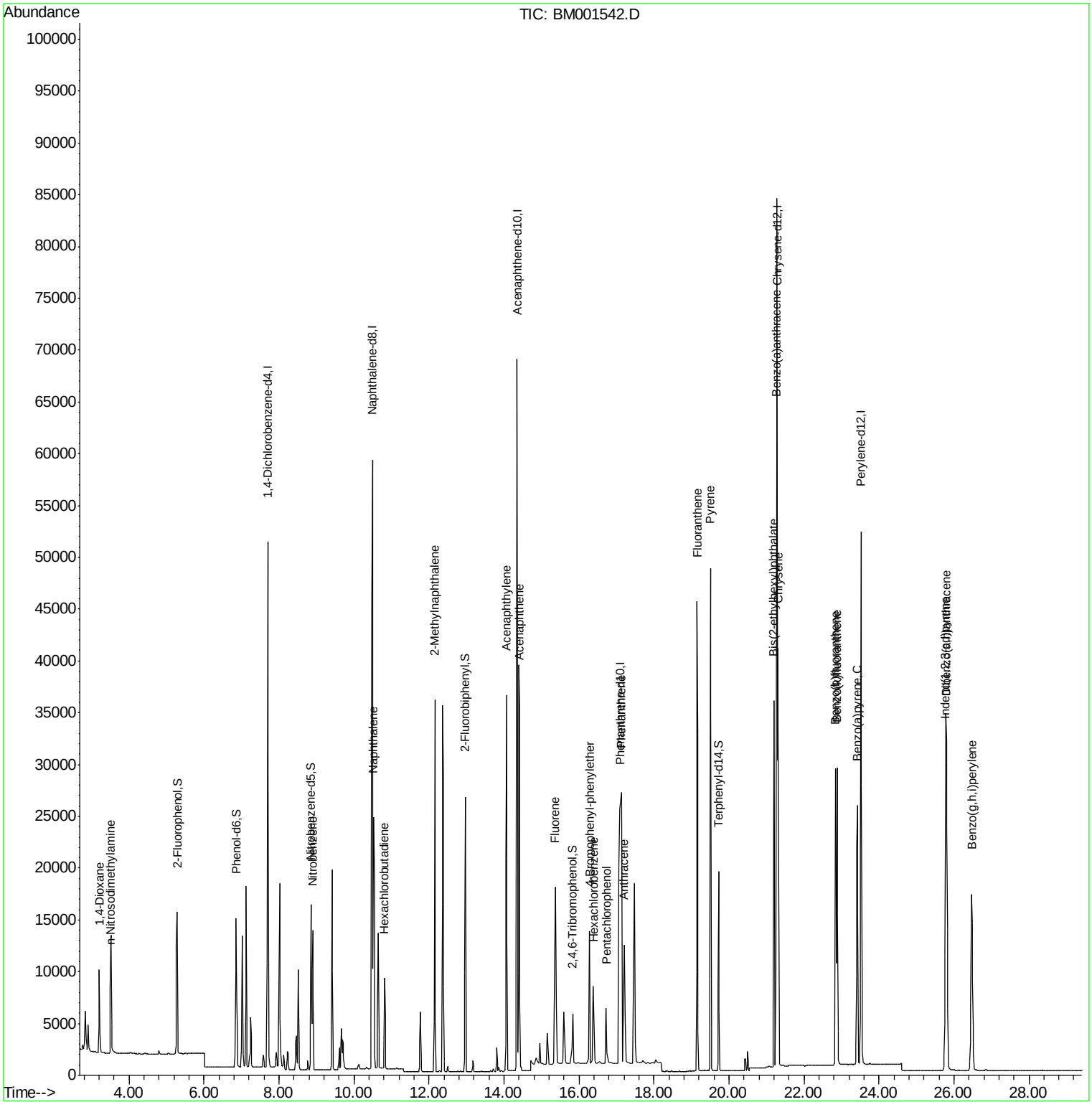
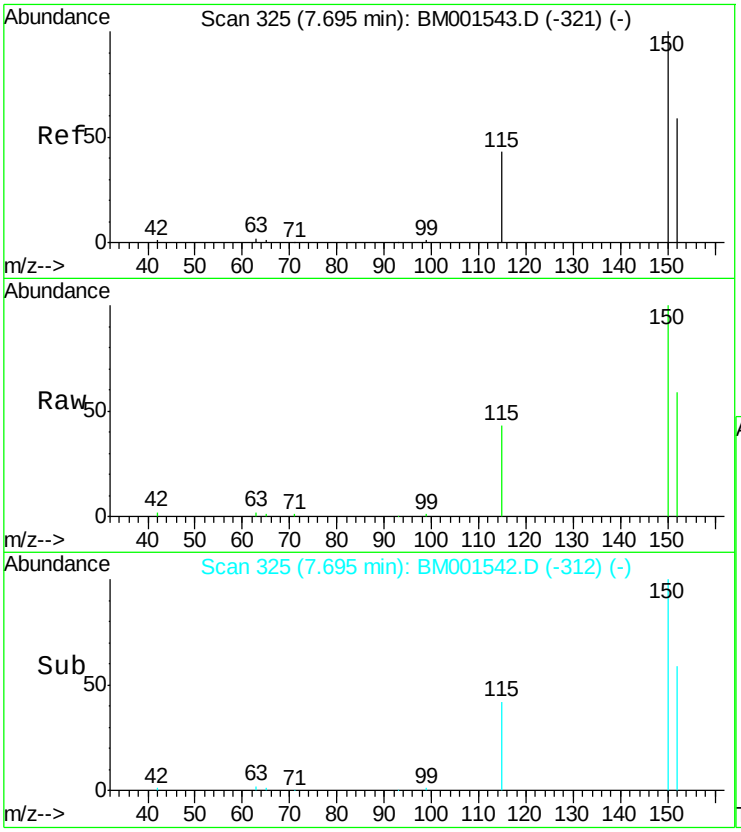
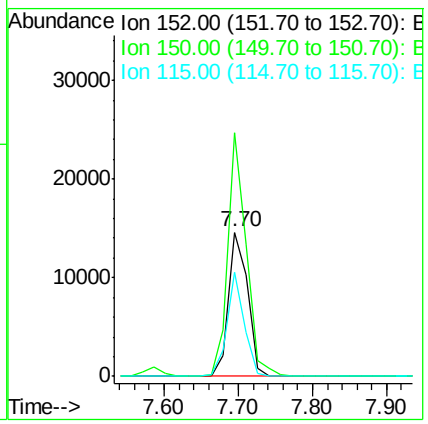




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:152 Resp: 25798

Ion	Ratio	Lower	Upper
152	100		
150	168.9	135.0	202.4
115	71.9	57.8	86.8



Instrument :
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ClientSampleId :
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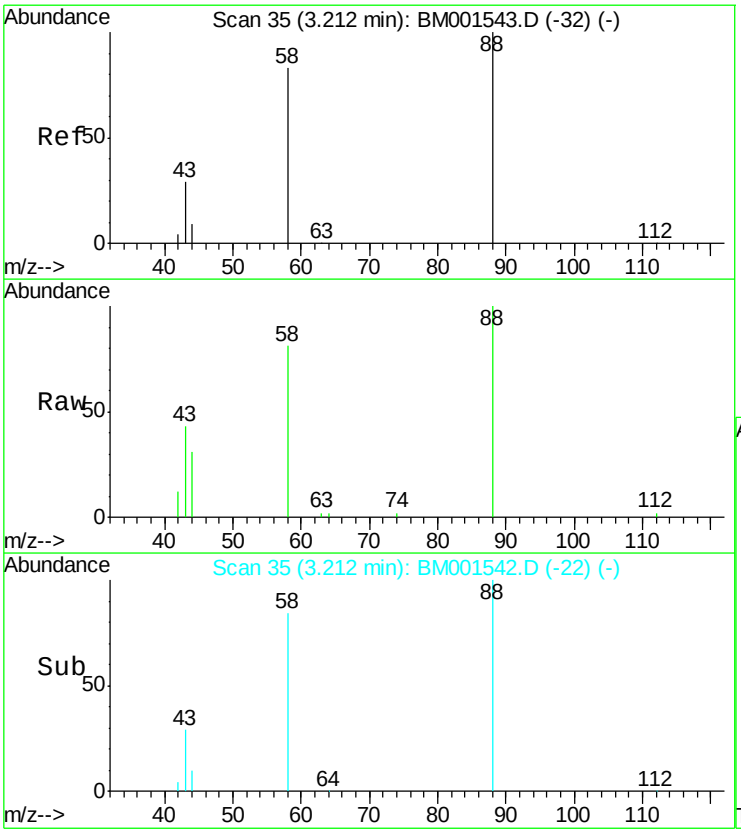
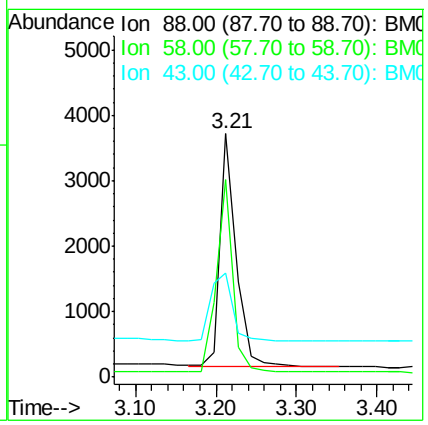
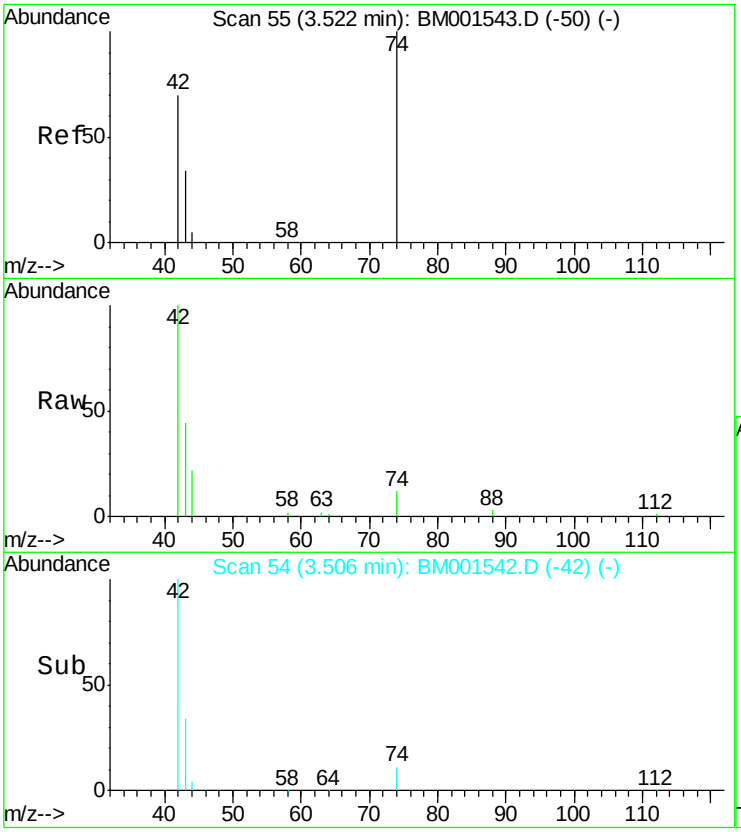


#2
1,4-Dioxane
Concen: 1.84 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion: 88 Resp: 4965

Ion	Ratio	Lower	Upper
88	100		
58	84.2	65.0	97.4
43	38.8	31.1	46.7

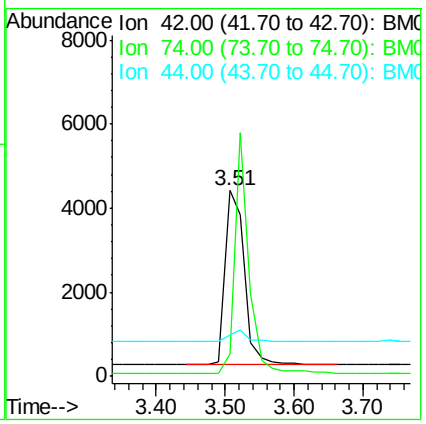




#3
n-Nitrosodimethylamine
Concen: 2.17 ng
RT: 3.51 min Scan# 54
Delta R.T. -0.02 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion: 42 Resp: 7962

Ion	Ratio	Lower	Upper
42	100		
74	101.6	82.0	123.0
44	6.1	5.8	8.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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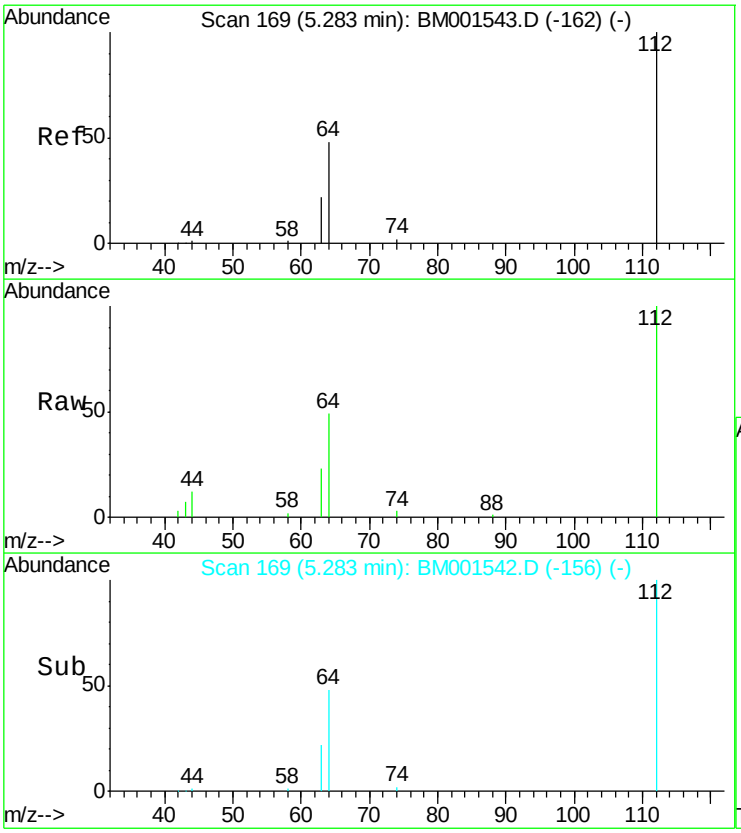
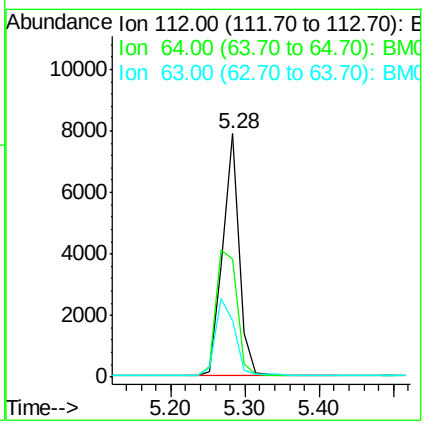
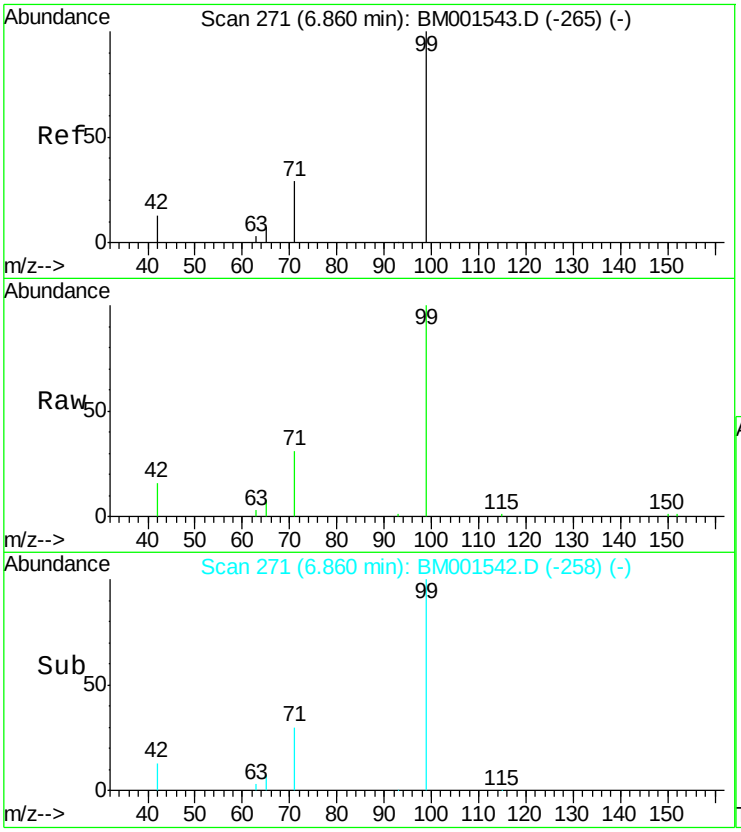


#4
2-Fluorophenol
Concen: 2.13 ng
RT: 5.28 min Scan# 169
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:112 Resp: 12101

Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.0	79.4
63	36.3	29.2	43.8

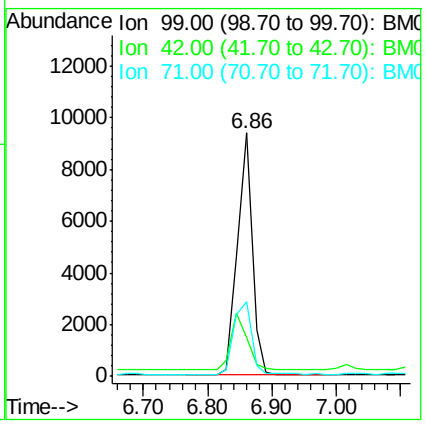




#5
Phenol-d6
Concen: 2.12 ng
RT: 6.86 min Scan# 271
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion: 99 Resp: 14882

Ion	Ratio	Lower	Upper
99	100		
42	25.9	20.9	31.3
71	35.3	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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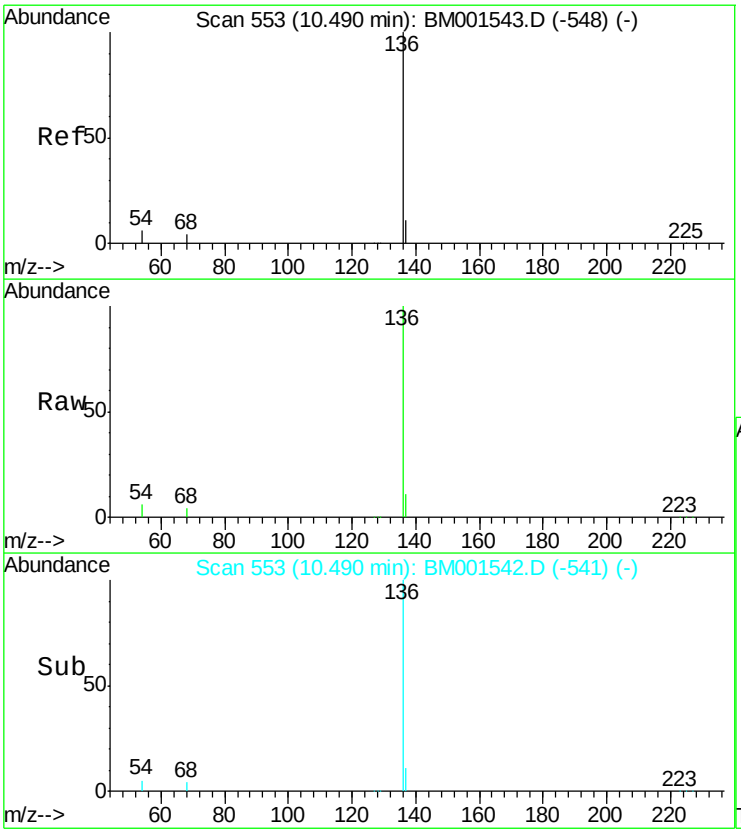
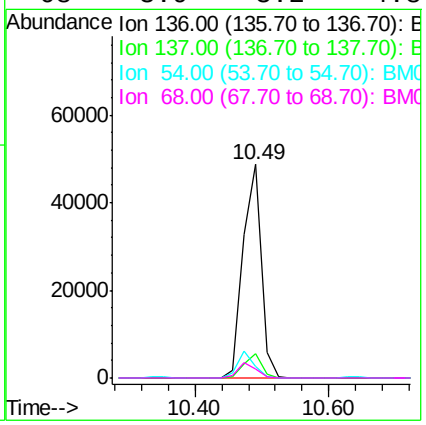
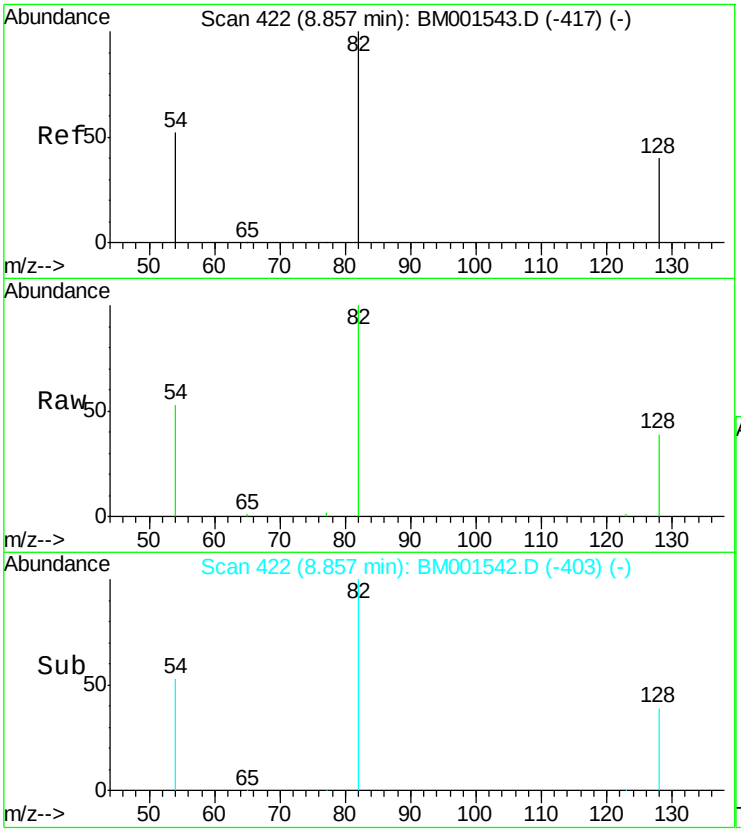


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:136 Resp: 91662

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	5.7	4.6	6.8
68	3.9	3.2	4.8

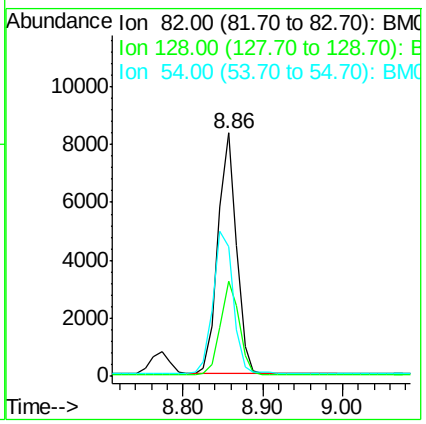




#7
Nitrobenzene-d5
Concen: 2.32 ng
RT: 8.86 min Scan# 422
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion: 82 Resp: 13461

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.3	48.5
54	53.4	43.0	64.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

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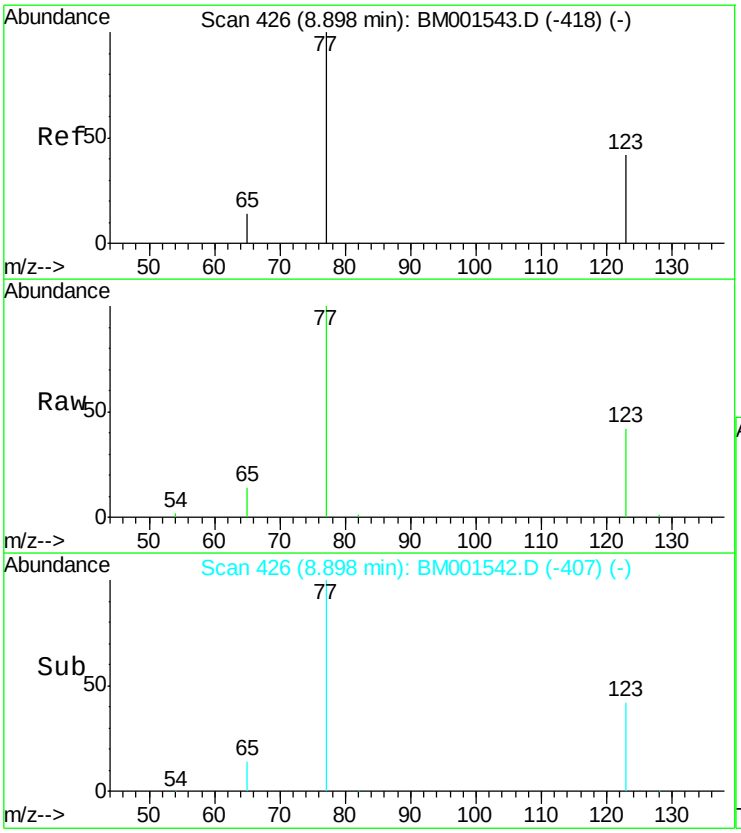
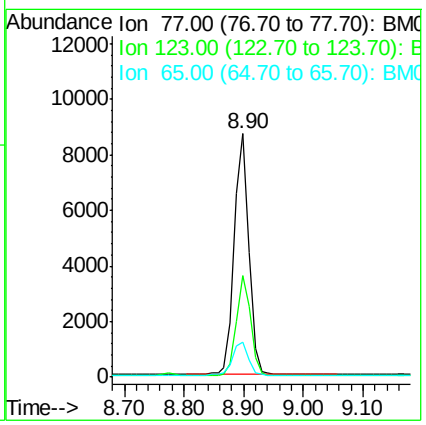
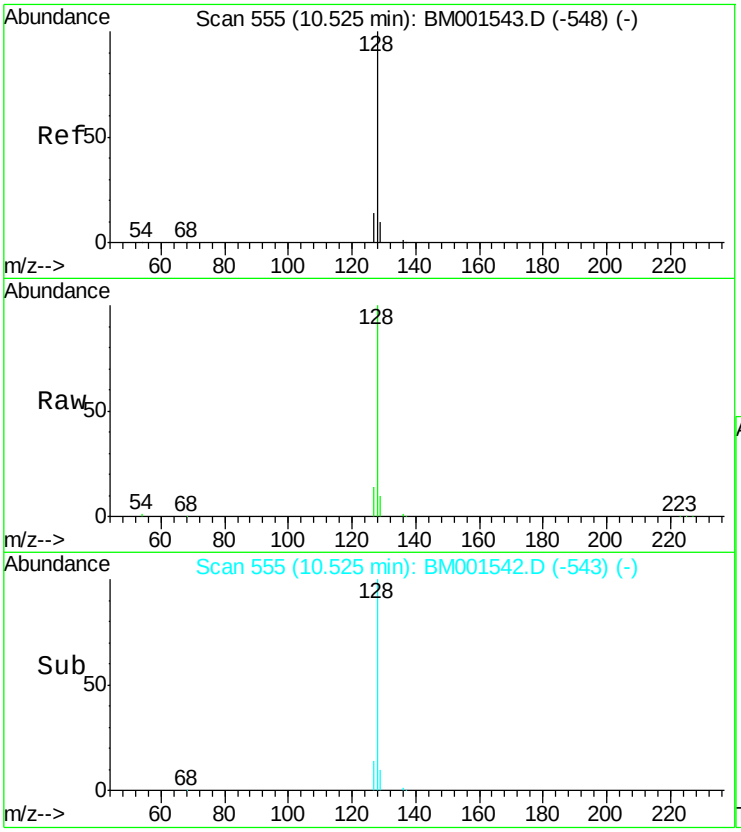


#8
Nitrobenzene
Concen: 2.31 ng
RT: 8.90 min Scan# 426
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion: 77 Resp: 14216

Ion	Ratio	Lower	Upper
77	100		
123	40.8	32.5	48.7
65	14.5	11.8	17.6

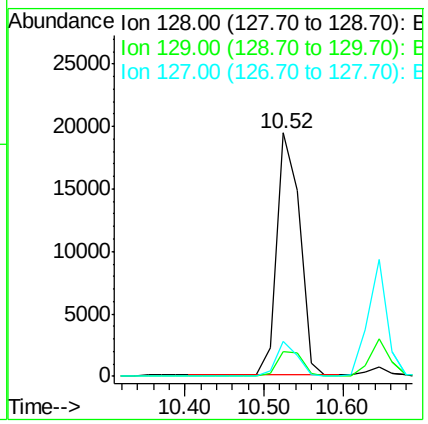




#9
Naphthalene
Concen: 2.00 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:128 Resp: 38677

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	14.2	11.7	17.5



Instrument :
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ClientSampleId :
SSTDICC002

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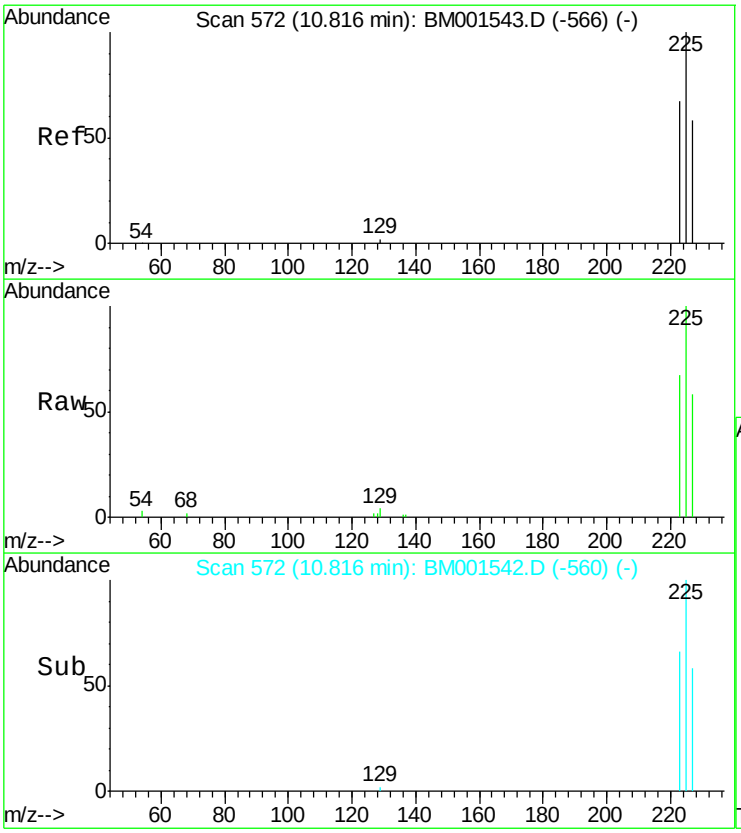
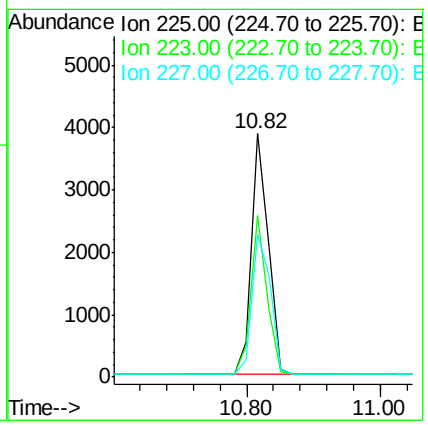
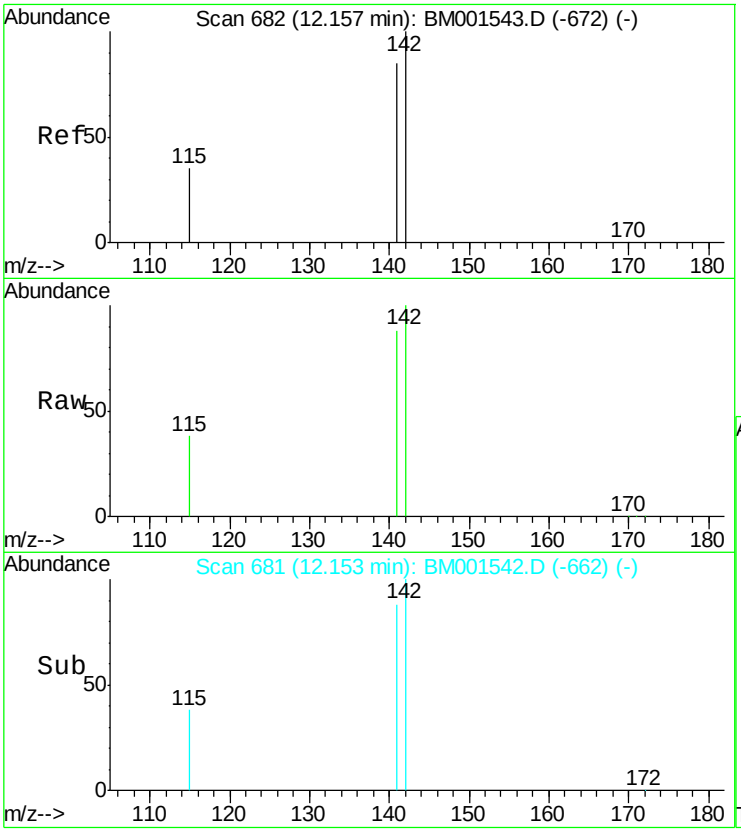


#10
Hexachlorobutadiene
Concen: 1.98 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:225 Resp: 6672

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	63.5	50.5	75.7

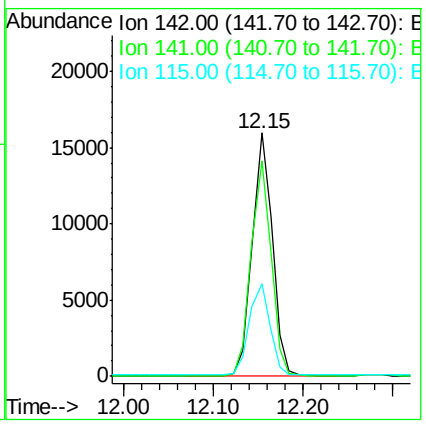




#11
2-Methylnaphthalene
Concen: 2.03 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:142 Resp: 24621

Ion	Ratio	Lower	Upper
142	100		
141	88.3	68.1	102.1
115	38.0	28.3	42.5



Instrument :
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ClientSampleId :
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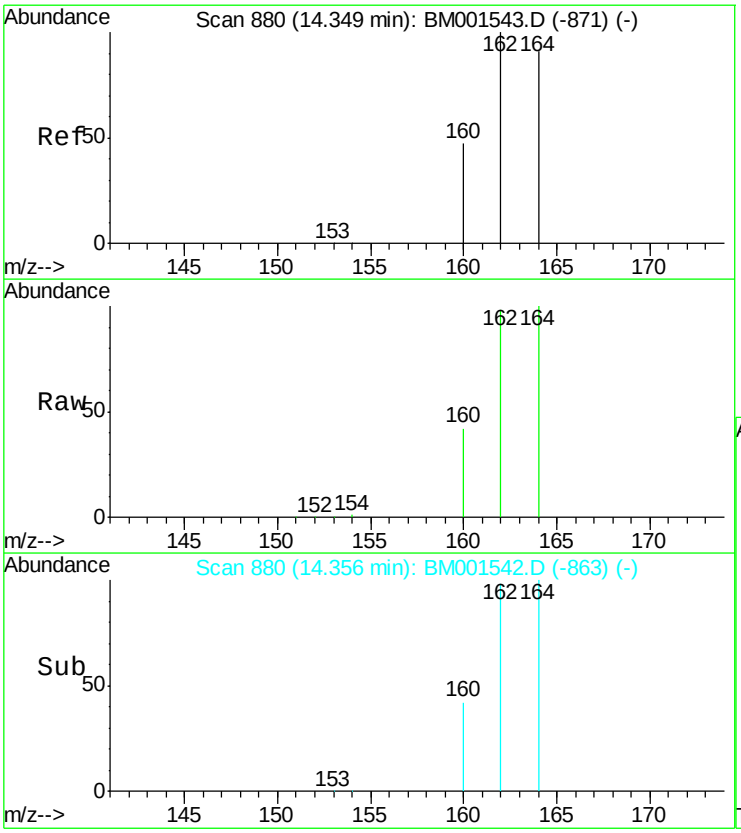
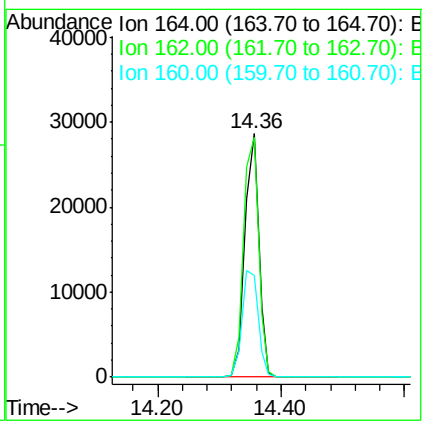
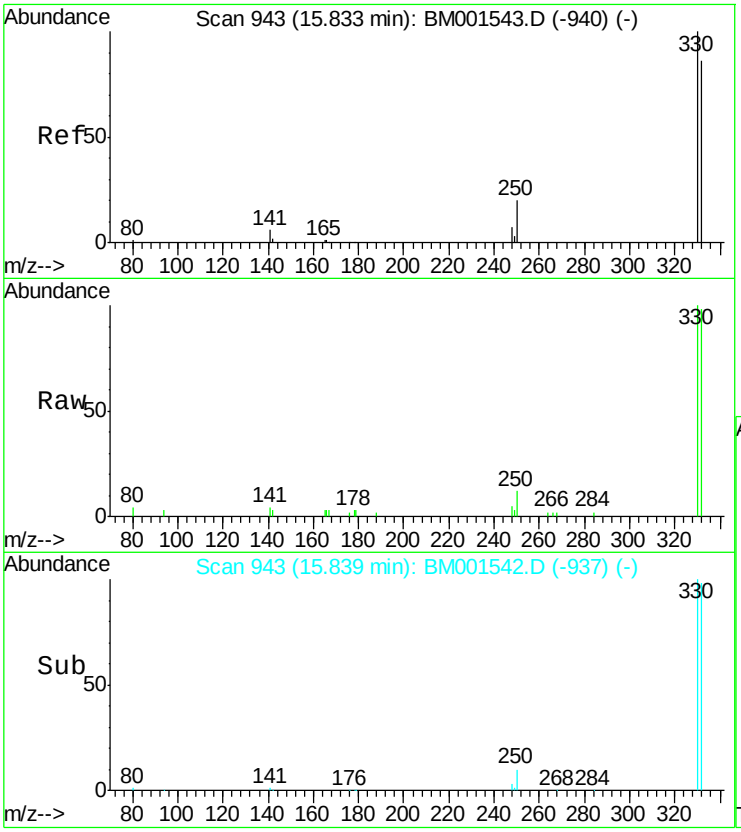


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 880
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:164 Resp: 44624

Ion	Ratio	Lower	Upper
164	100		
162	98.4	88.0	132.0
160	41.7	41.0	61.4

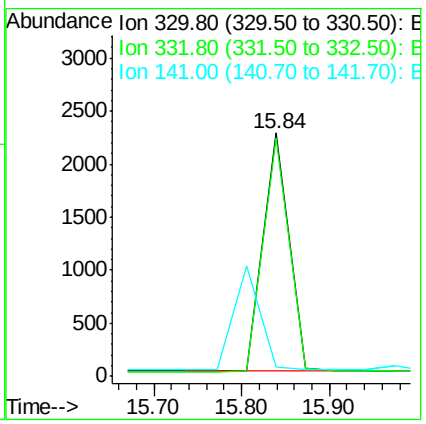




#13
2,4,6-Tribromophenol
Concen: 4.88 ng
RT: 15.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:330 Resp: 4663

Ion	Ratio	Lower	Upper
330	100		
332	98.0	69.6	104.4
141	0.0	0.0	0.0



Instrument :
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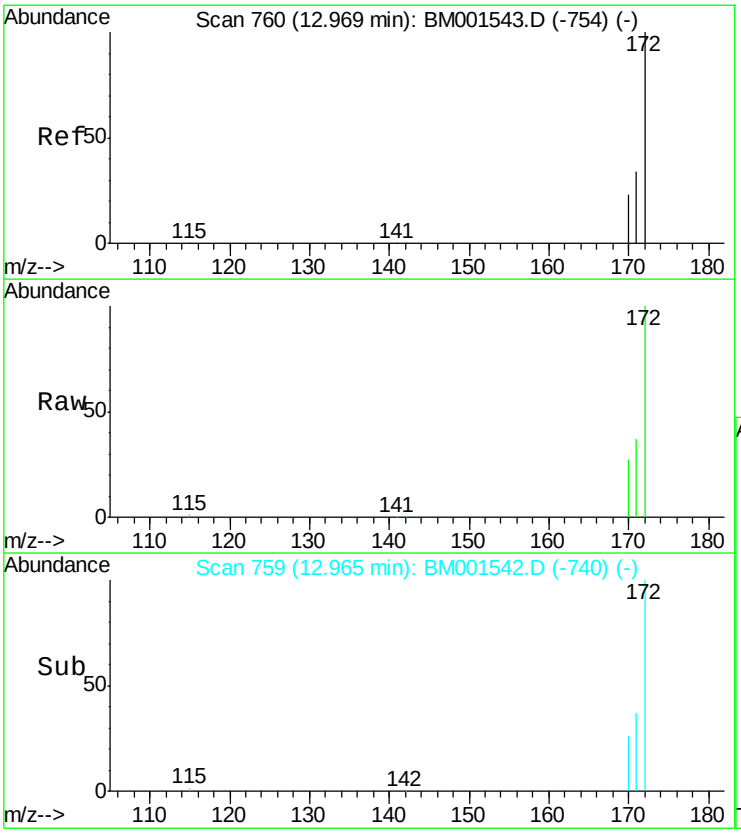
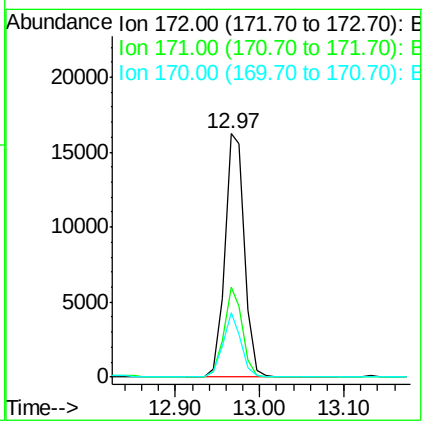
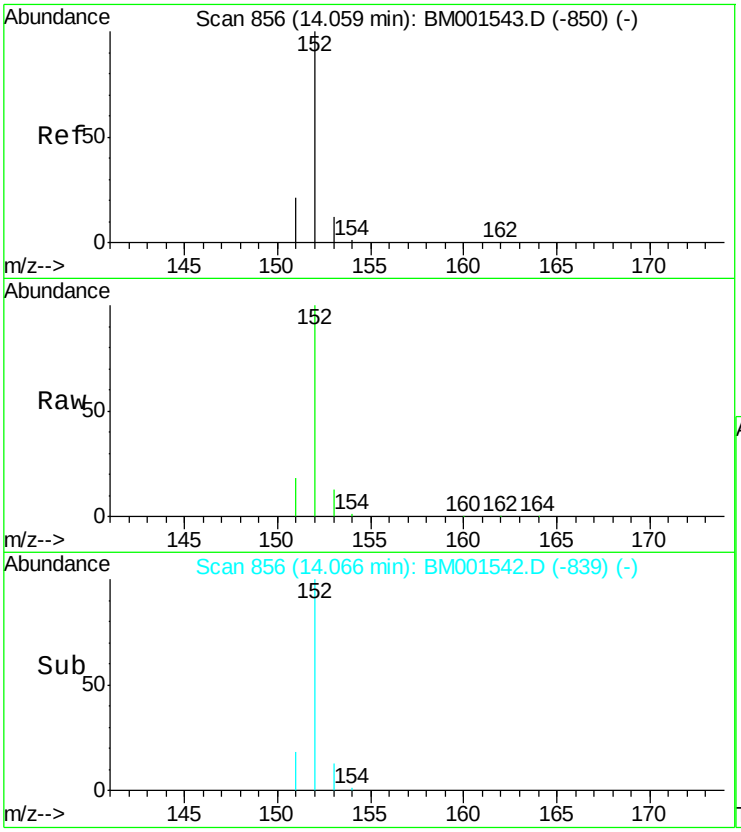


#14
2-Fluorobiphenyl
Concen: 1.98 ng
RT: 12.97 min Scan# 759
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:172 Resp: 26449

Ion	Ratio	Lower	Upper
172	100		
171	37.2	27.6	41.4
170	26.6	18.4	27.6

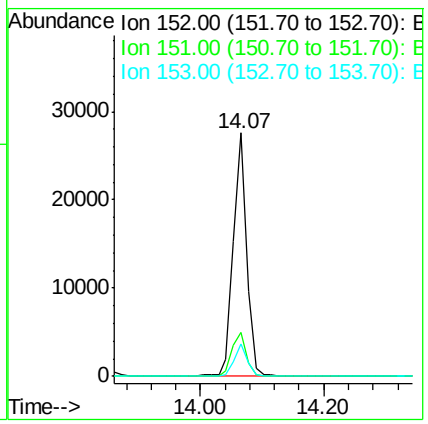




#15
Acenaphthylene
Concen: 2.11 ng
RT: 14.07 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:152 Resp: 40455

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9
153	12.9	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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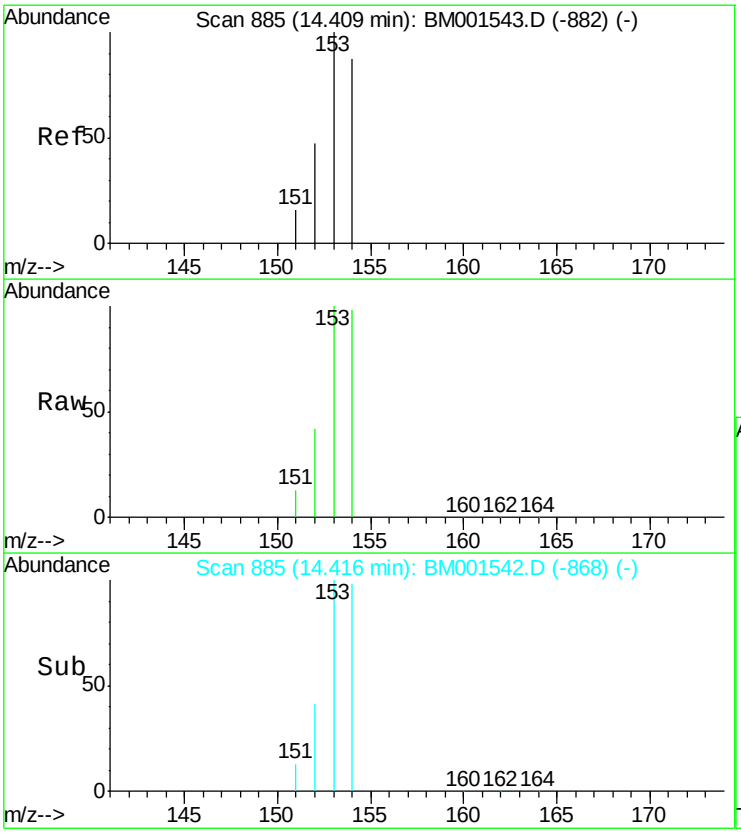
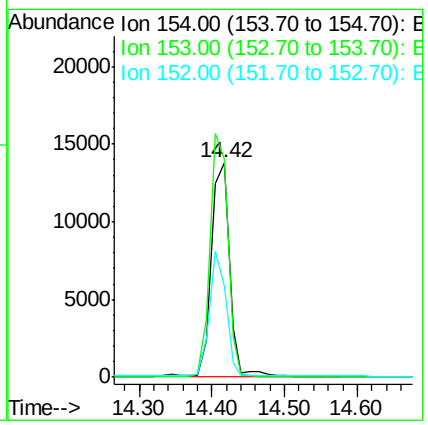
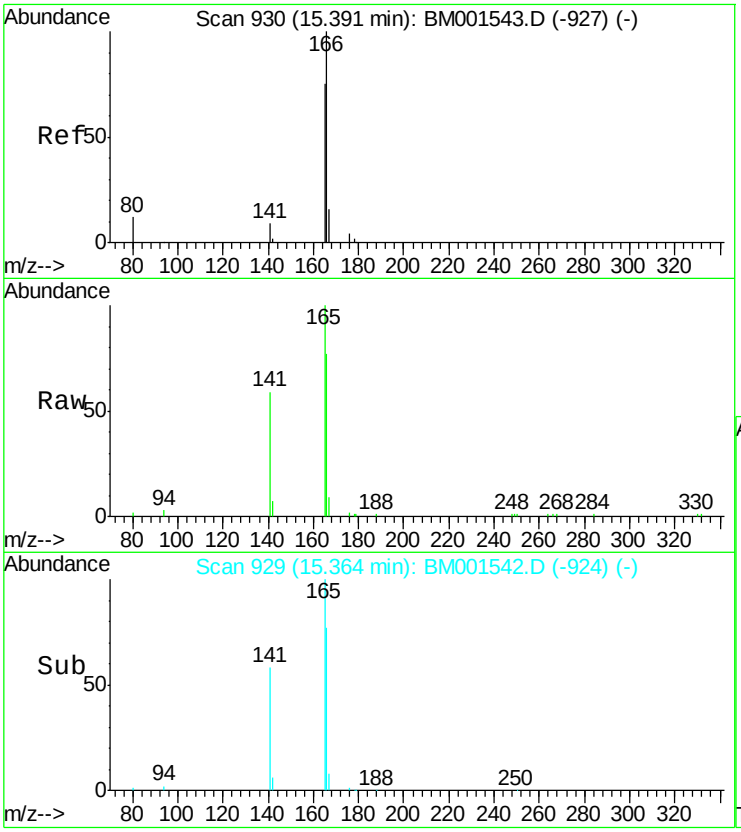


#16
Acenaphthene
Concen: 2.00 ng
RT: 14.42 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:154 Resp: 23746

Ion	Ratio	Lower	Upper
154	100		
153	110.5	89.8	134.8
152	52.8	43.0	64.6

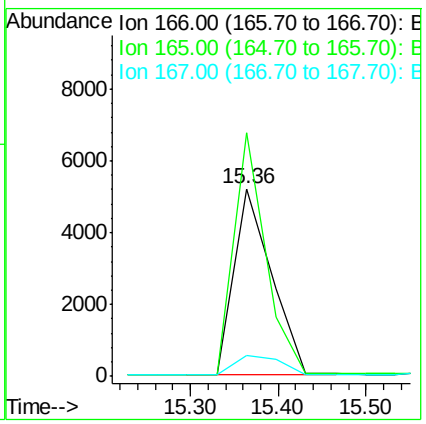




#17
Fluorene
Concen: 0.83 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.03 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:166 Resp: 15413

Ion	Ratio	Lower	Upper
166	100		
165	110.5	68.2	102.2#
167	12.7	12.1	18.1



Instrument :
BNA_M
ClientSampleId :
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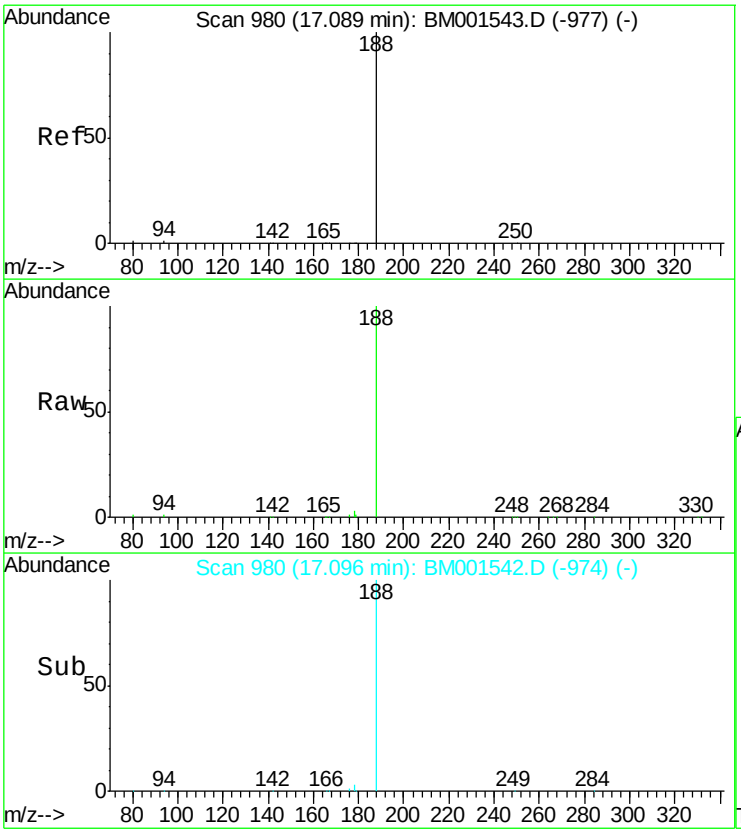
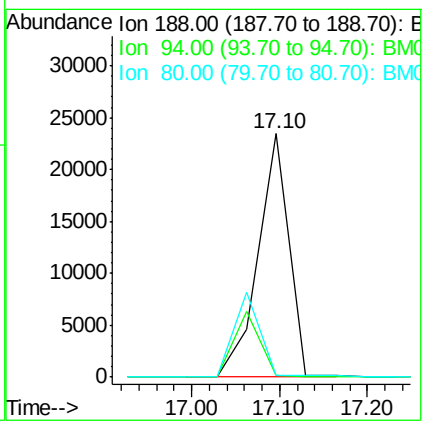
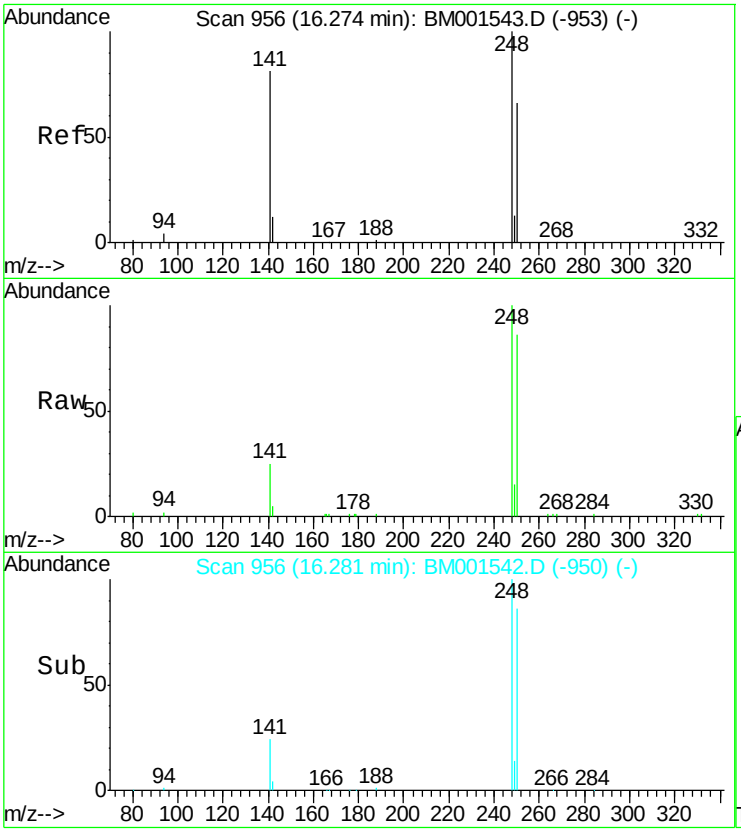


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.10 min Scan# 980
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:188 Resp: 57194

Ion	Ratio	Lower	Upper
188	100		
94	0.7	1.0	1.4#
80	0.8	0.8	1.2#

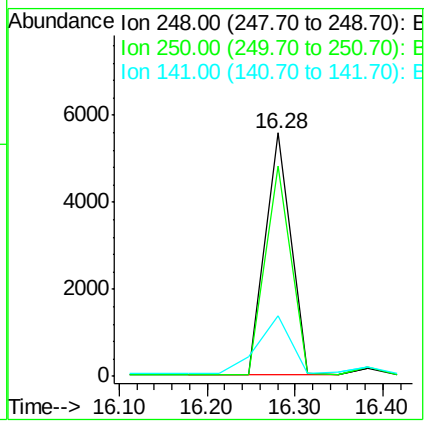




#19
4-Bromophenyl-phenylether
Concen: 11.59 ng
RT: 16.28 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:248 Resp: 11354

Ion	Ratio	Lower	Upper
248	100		
250	86.5	55.2	82.8#
141	31.1	64.7	97.1#



Instrument :
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ClientSampleId :
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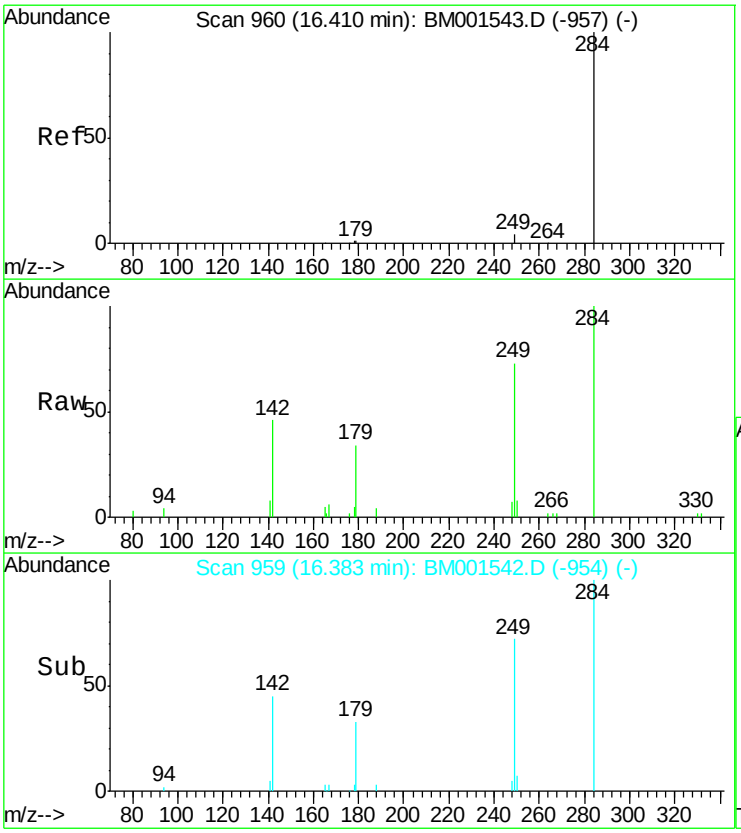
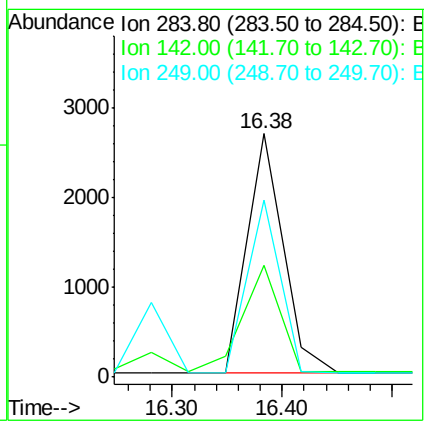
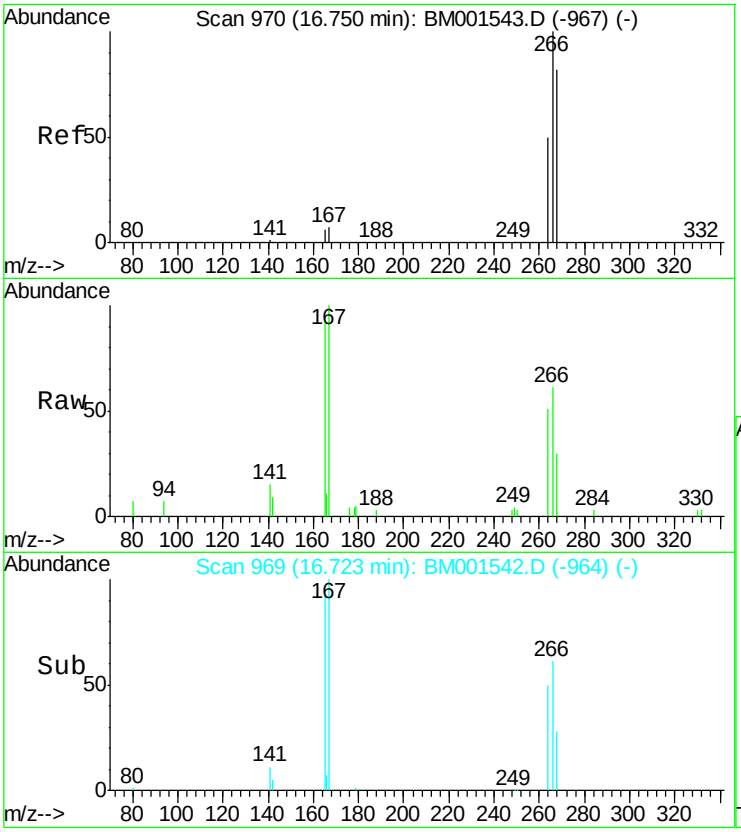


#20
Hexachlorobenzene
Concen: 2.98 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.03 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:284 Resp: 6037

Ion	Ratio	Lower	Upper
284	100		
142	46.1	0.0	0.0#
249	65.1	0.0	0.0#

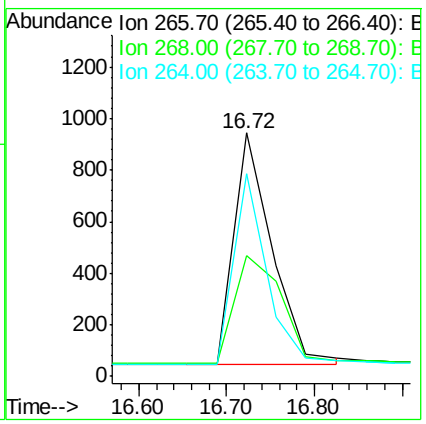




#21
Pentachlorophenol
Concen: 3.06 ng
RT: 16.72 min Scan# 969
Delta R.T. -0.03 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:266 Resp: 2713

Ion	Ratio	Lower	Upper
266	100		
268	49.4	67.2	100.8#
264	83.3	43.7	65.5#



Instrument :
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ClientSampleId :
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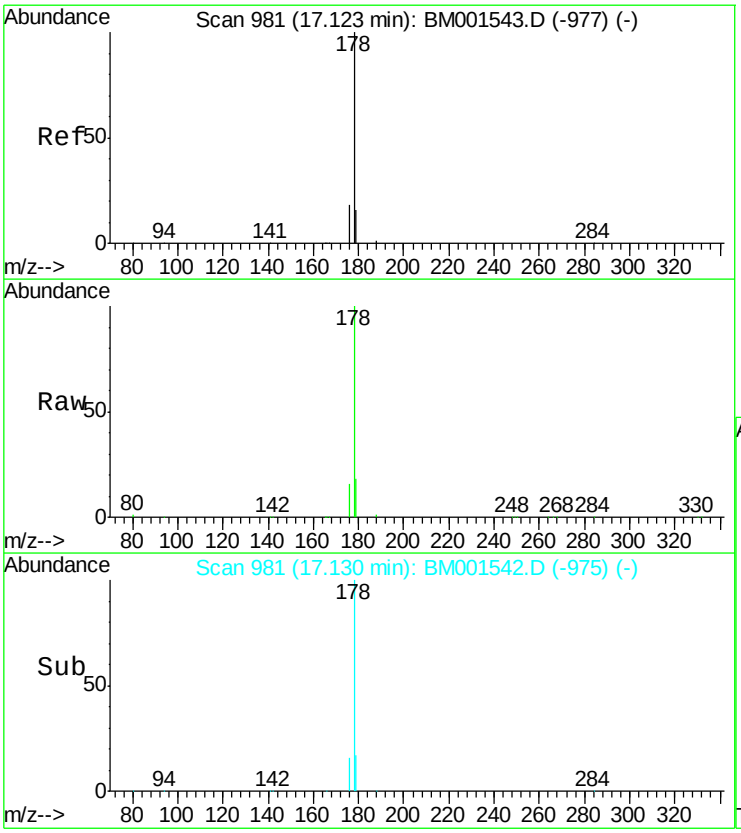
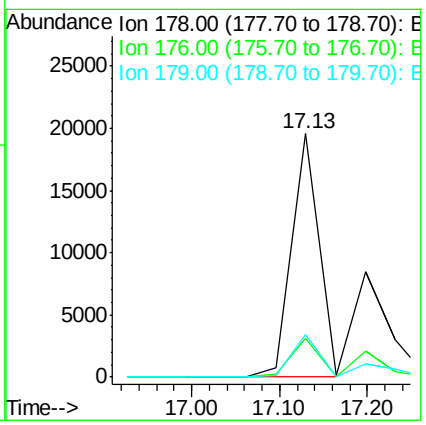
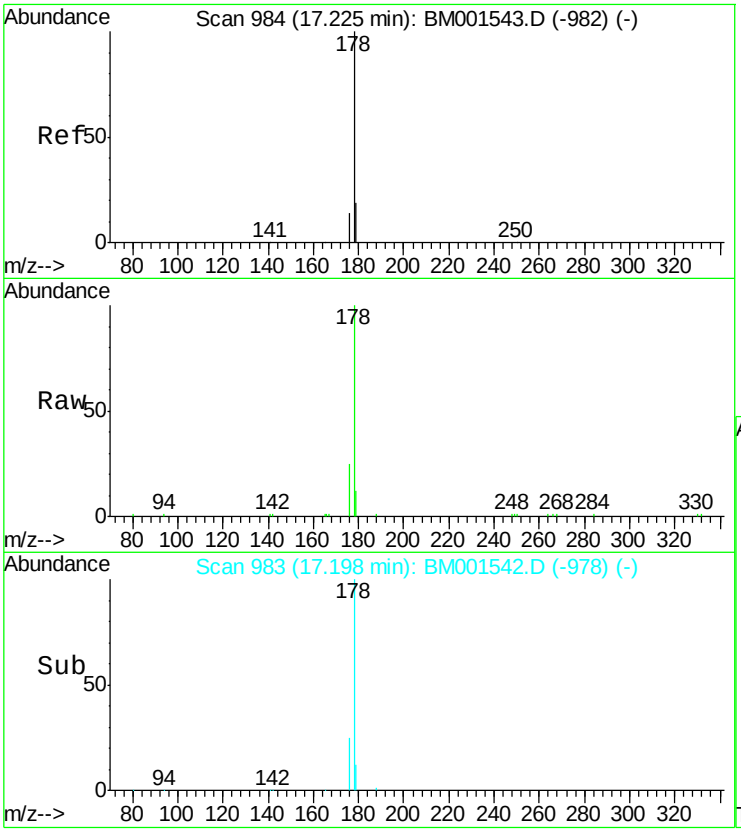


#22
Phenanthrene
Concen: 3.78 ng
RT: 17.13 min Scan# 981
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:178 Resp: 41196

Ion	Ratio	Lower	Upper
178	100		
176	16.5	14.7	22.1
179	17.2	12.7	19.1

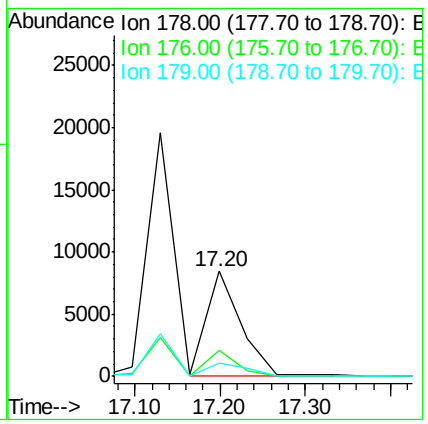




#23
Anthracene
Concen: 2.06 ng m
RT: 17.20 min Scan# 983
Delta R.T. -0.03 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:178 Resp: 23775

Ion	Ratio	Lower	Upper
178	100		
176	47.3	36.6	54.8
179	42.4	28.7	43.1



Instrument :
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ClientSampleId :
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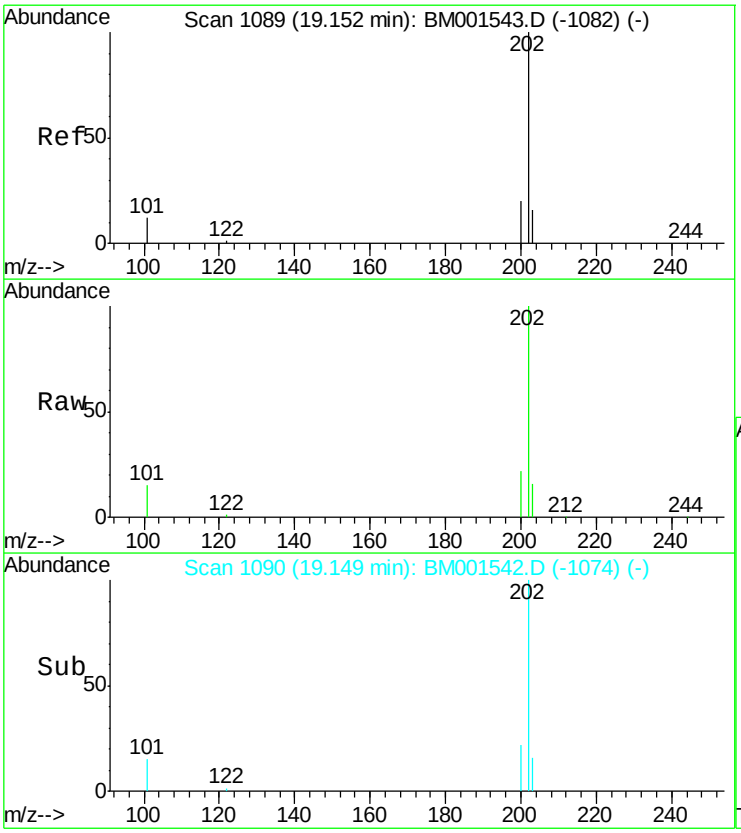
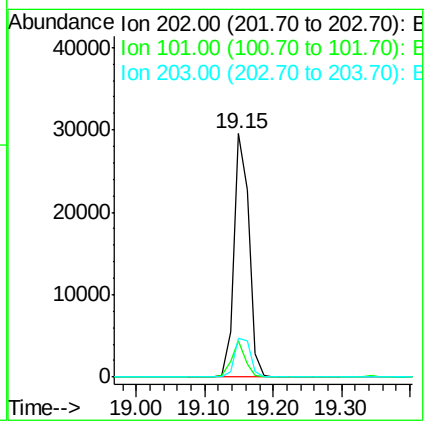
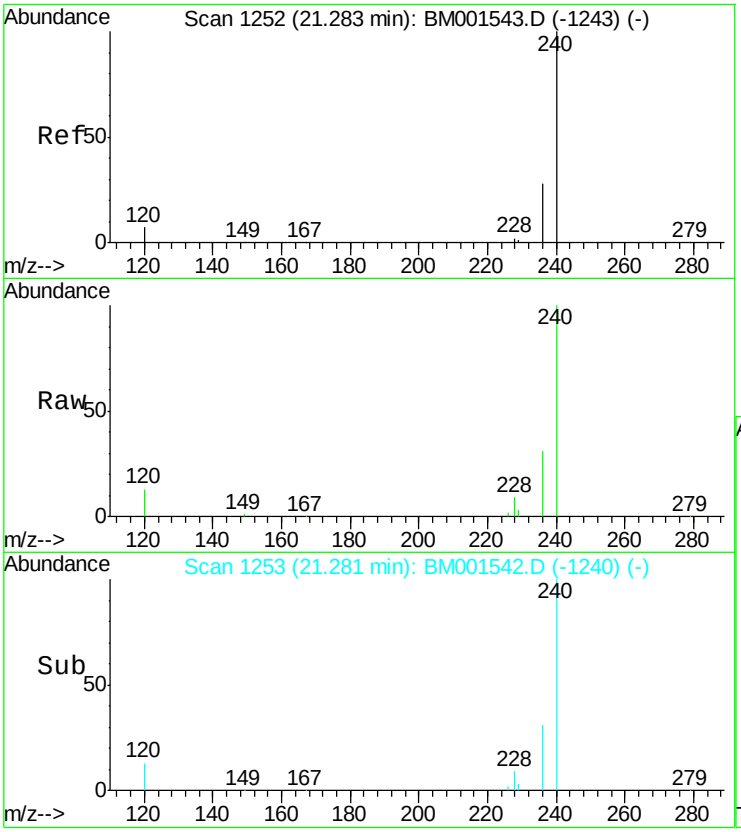


#24
Fluoranthene
Concen: 4.30 ng
RT: 19.15 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:202 Resp: 44176

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.2
203	17.2	13.8	20.8

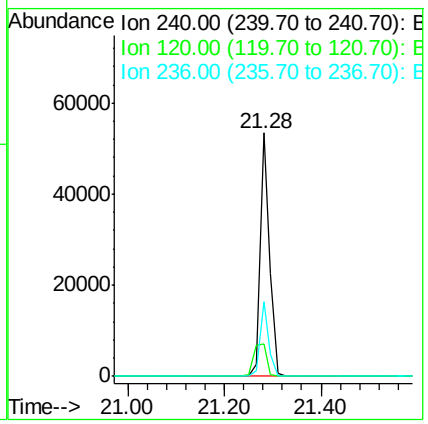




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:240 Resp: 73518

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.6	8.4#
236	30.6	22.4	33.6



Instrument :
BNA_M
ClientSampleId :
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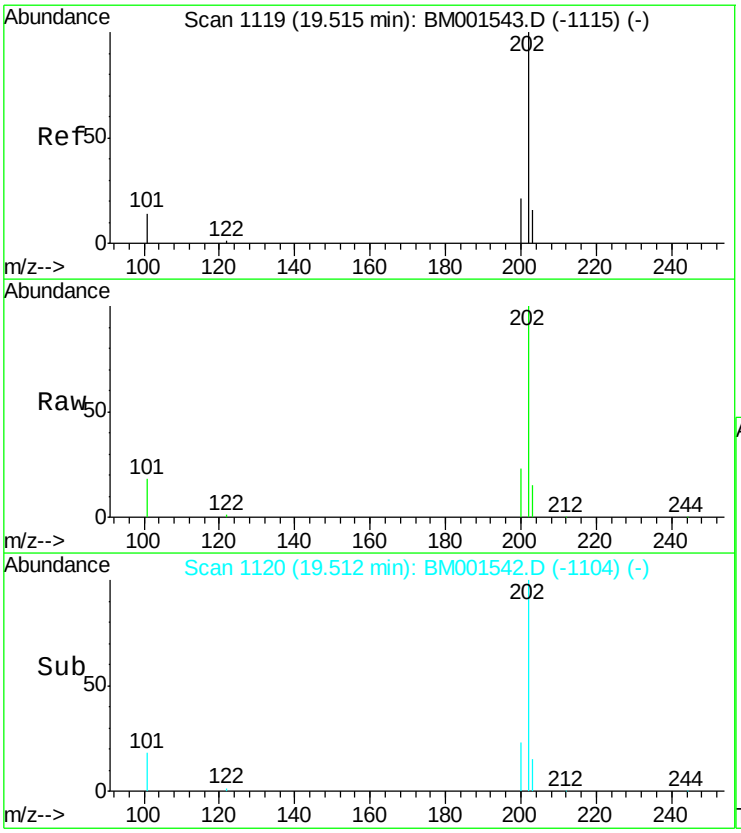
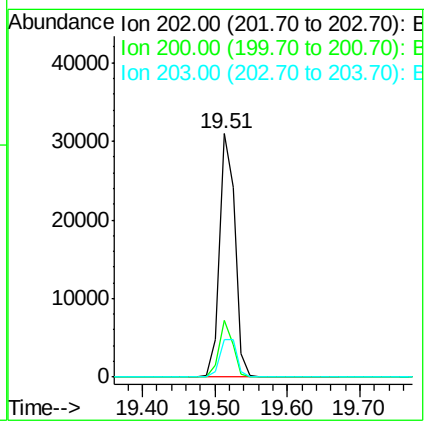
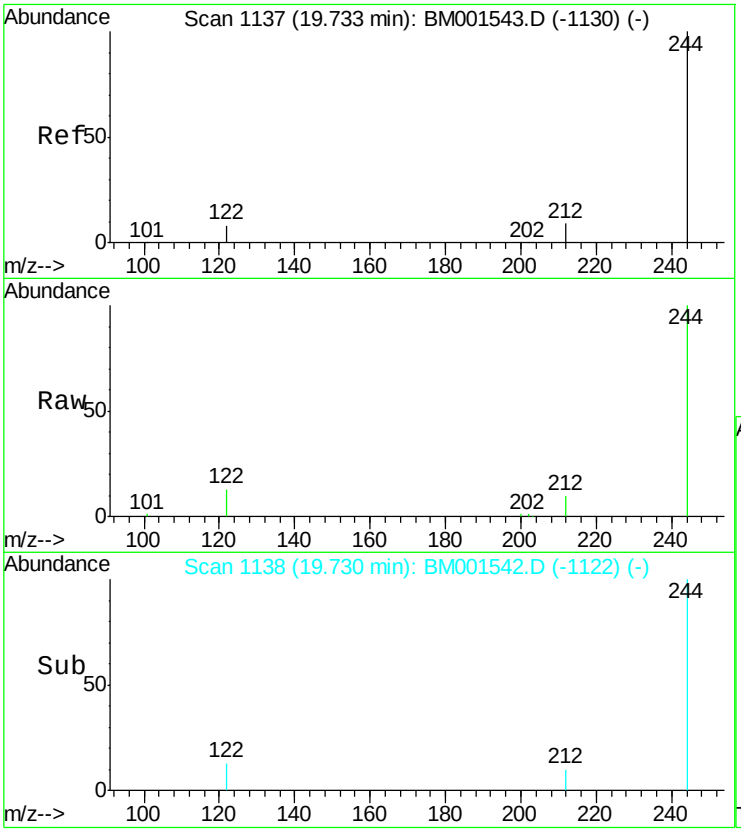


#26
Pyrene
Concen: 2.06 ng
RT: 19.51 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:202 Resp: 45953

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.3	13.8	20.8

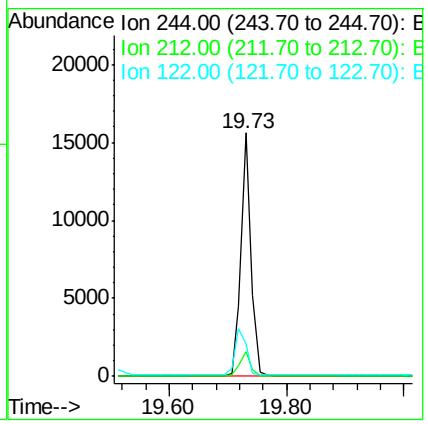




#27
Terphenyl-d14
Concen: 2.04 ng
RT: 19.73 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:244 Resp: 18577

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.0	12.0
122	13.4	7.3	10.9#



Instrument :
BNA_M
ClientSampleId :
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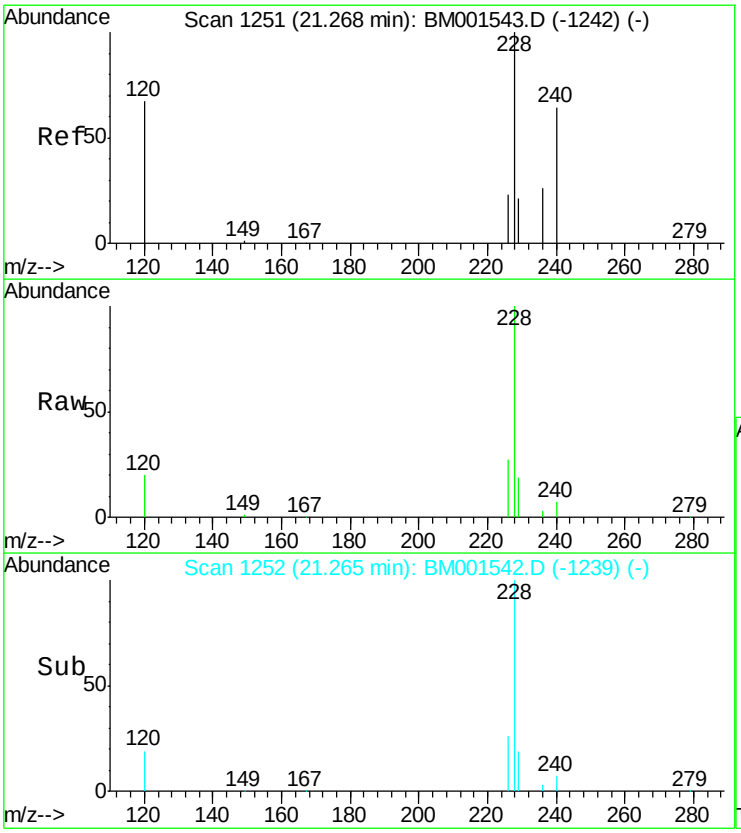
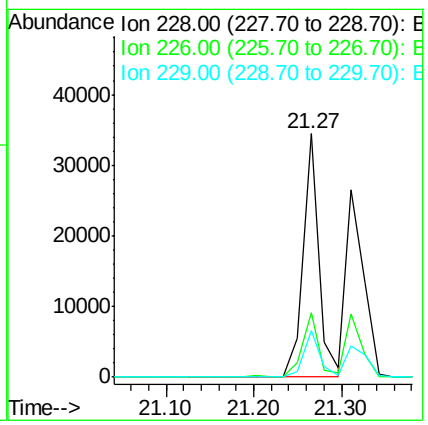
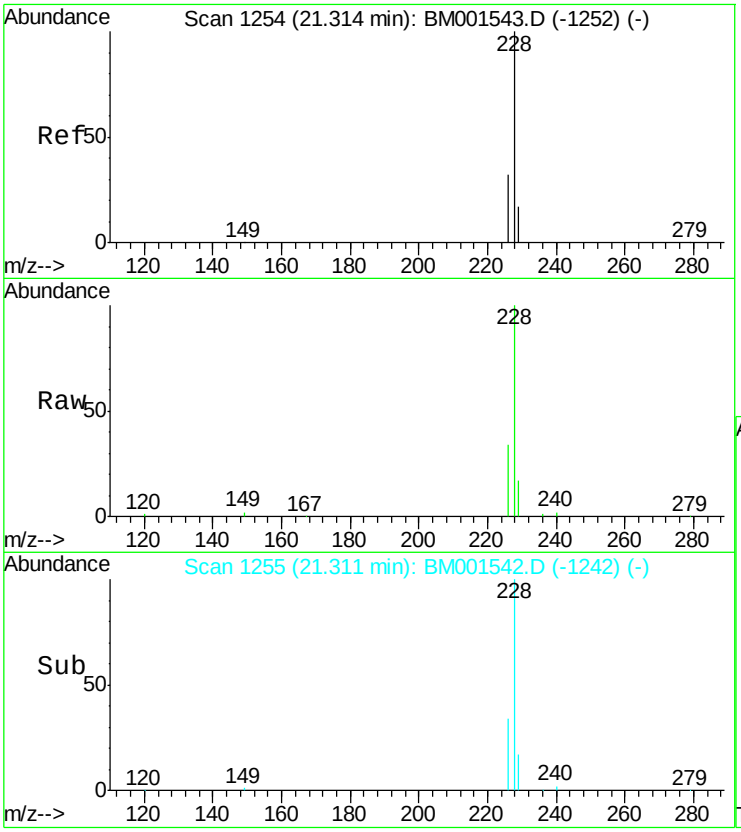


#28
Benzo(a)anthracene
Concen: 2.15 ng
RT: 21.27 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:228 Resp: 42824

Ion	Ratio	Lower	Upper
228	100		
226	26.6	19.0	28.4
229	18.9	16.9	25.3

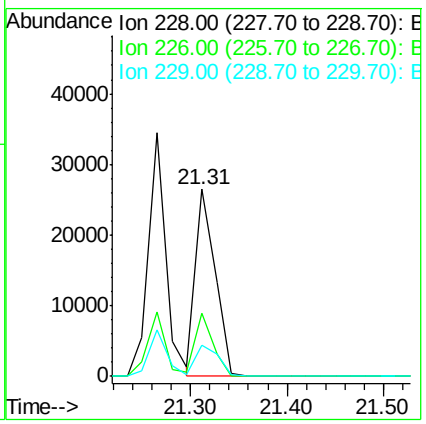




#29
Chrysene
Concen: 1.99 ng
RT: 21.31 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:228 Resp: 37258

Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.2	37.8
229	16.8	14.7	22.1



Instrument :
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ClientSampleId :
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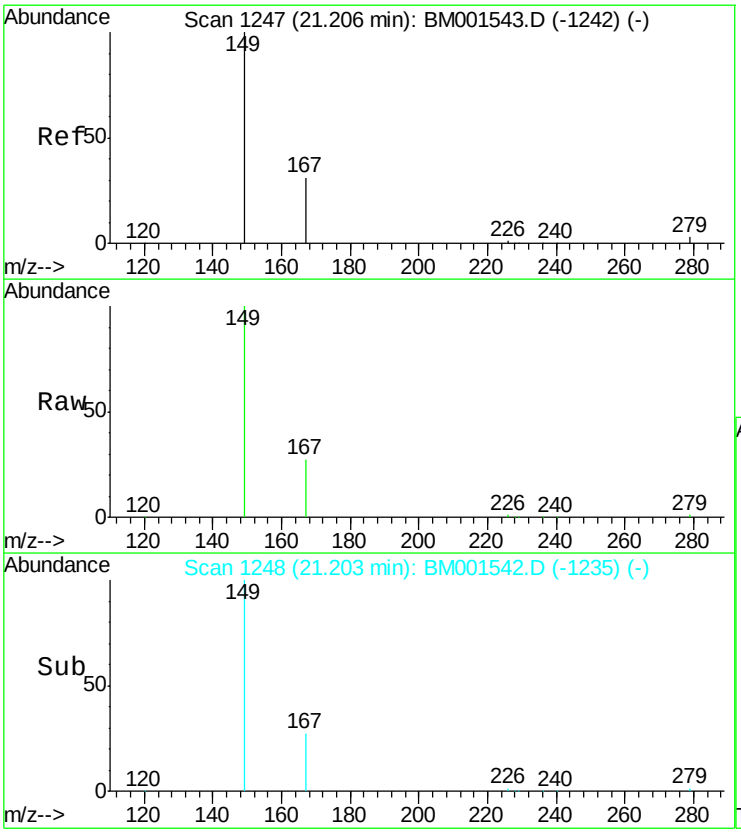
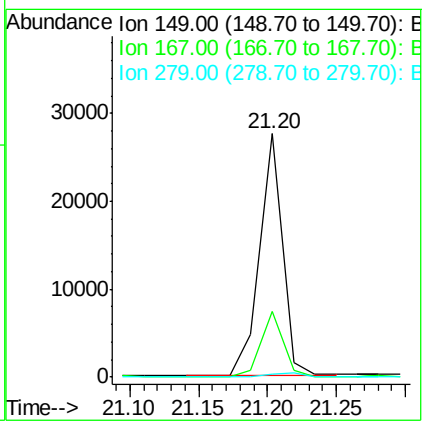
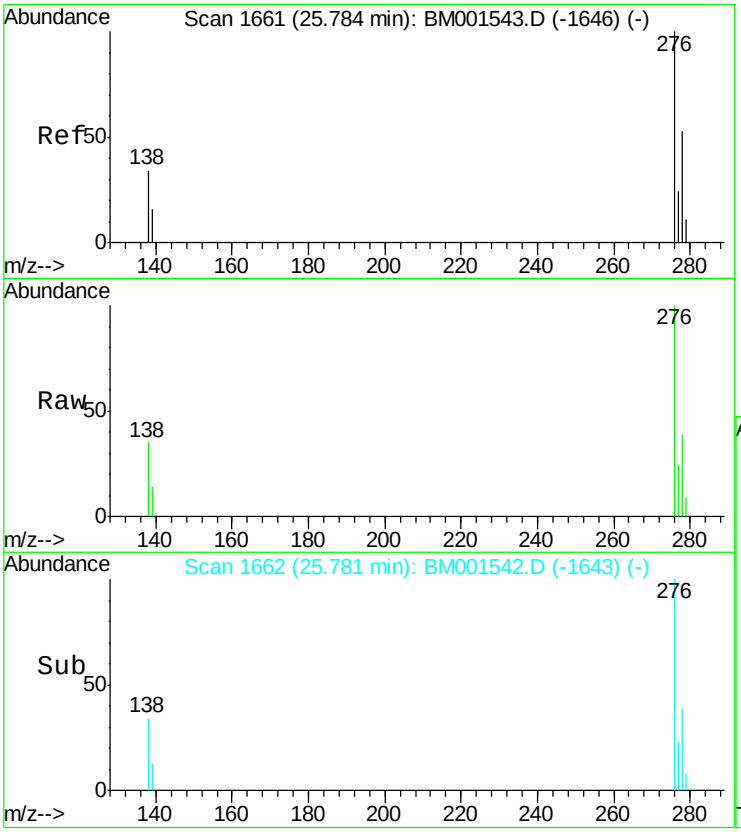


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.20 ng
RT: 21.20 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:149 Resp: 31266

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.5	30.7
279	2.0	1.7	2.5

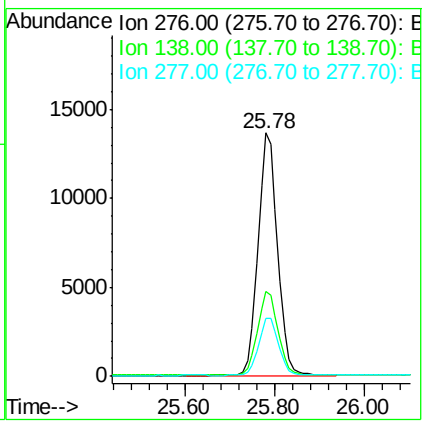




#31
Indeno(1,2,3-cd)pyrene
Concen: 1.99 ng
RT: 25.78 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:276 Resp: 41375

Ion	Ratio	Lower	Upper
276	100		
138	35.7	28.3	42.5
277	24.5	19.6	29.4



Instrument :
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ClientSampleId :
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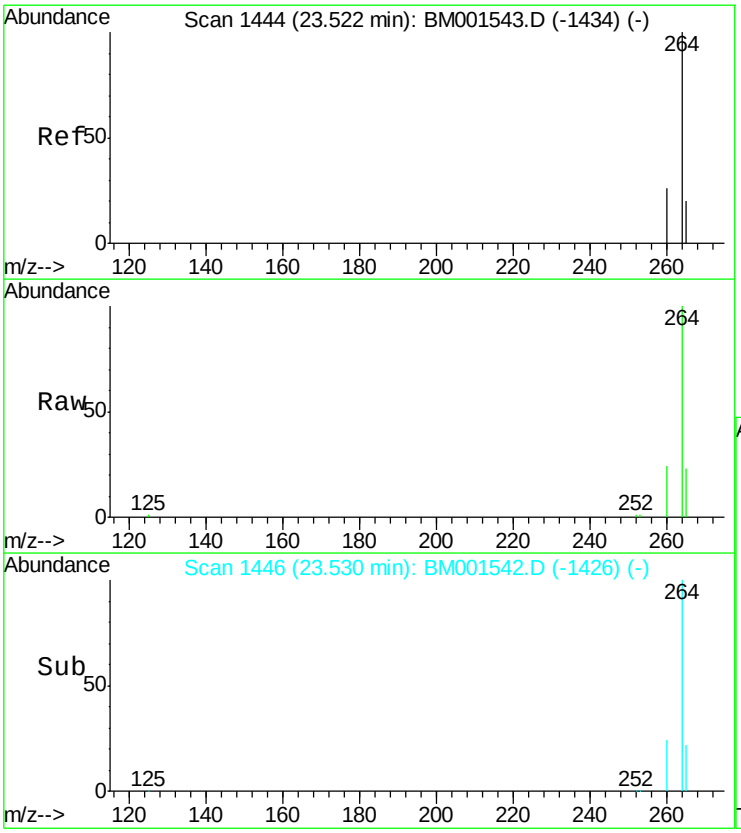
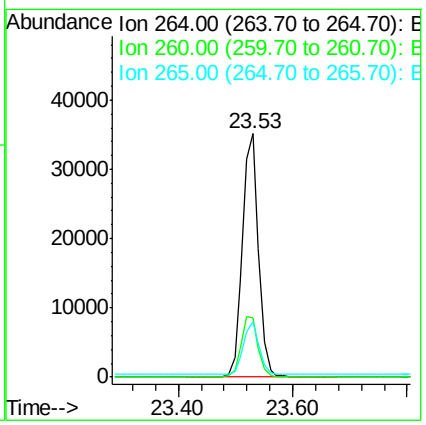
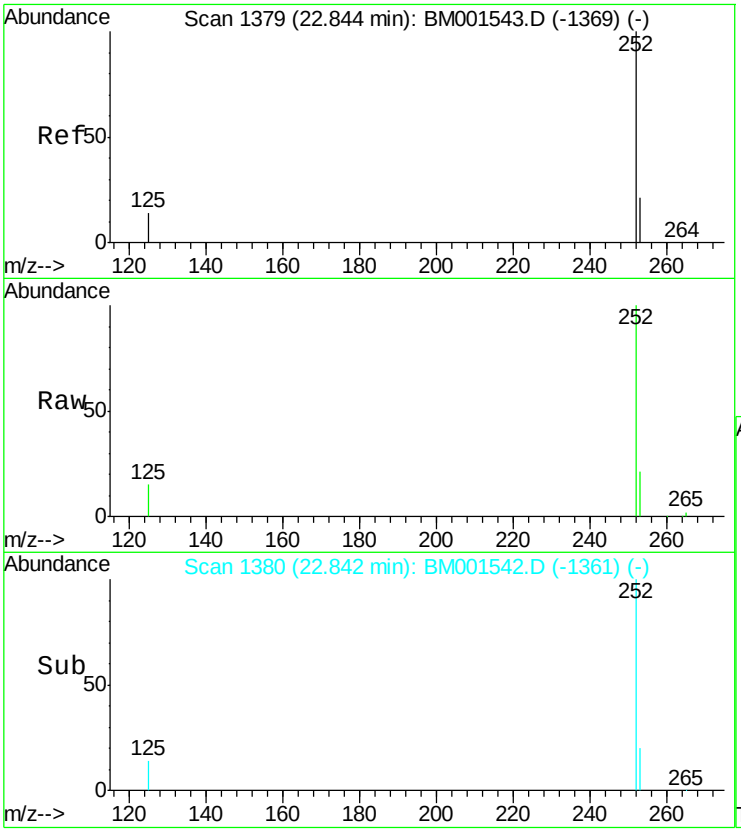


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.53 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:264 Resp: 67831

Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.1	31.7
265	22.8	17.1	25.7

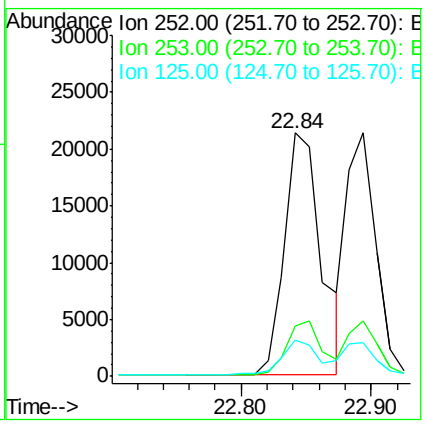




#33
Benzo(b)fluoranthene
Concen: 2.18 ng
RT: 22.84 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:252 Resp: 41785

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.8	26.6
125	15.1	12.5	18.7



Instrument :
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ClientSampleId :
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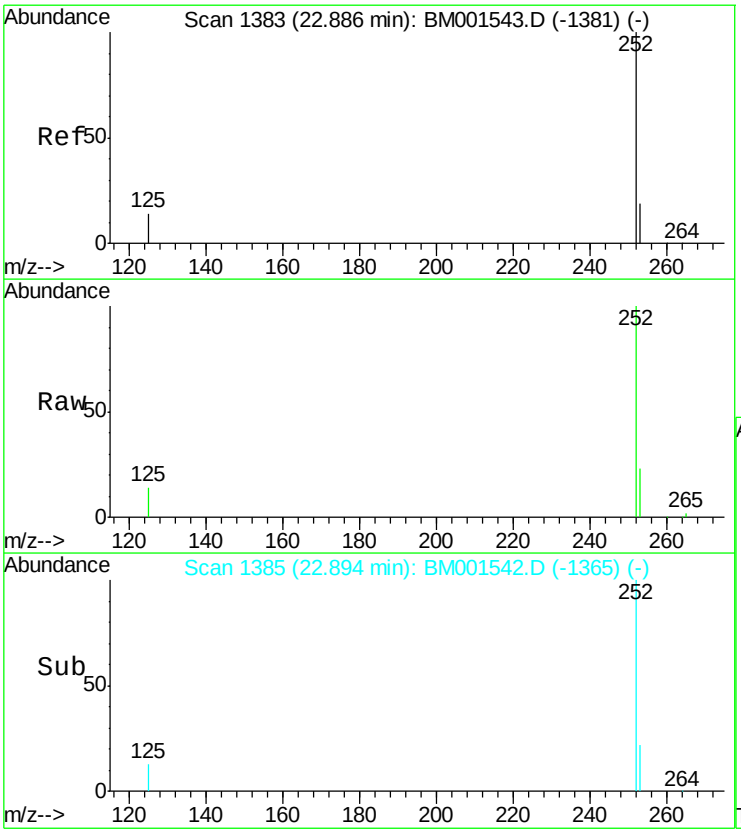
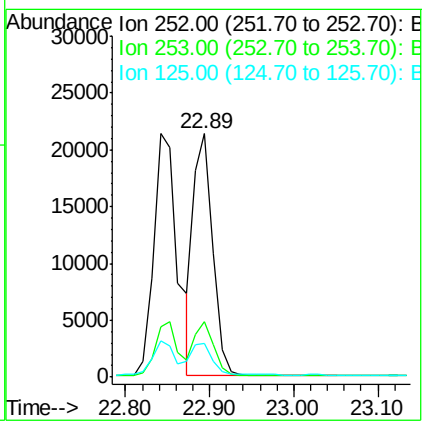
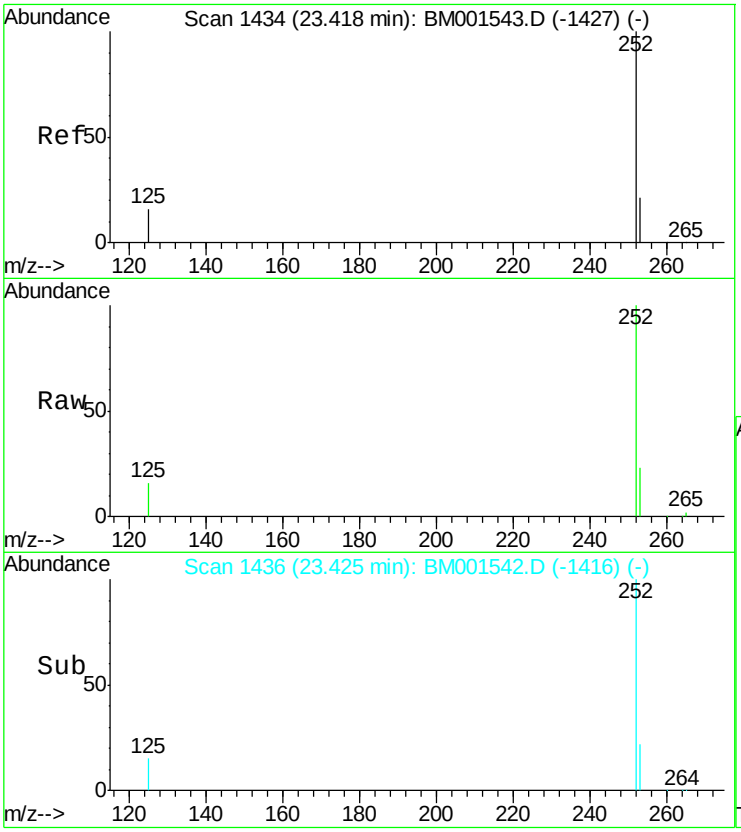


#34
Benzo(k)fluoranthene
Concen: 1.94 ng
RT: 22.89 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:252 Resp: 33273

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	13.6	12.5	18.7

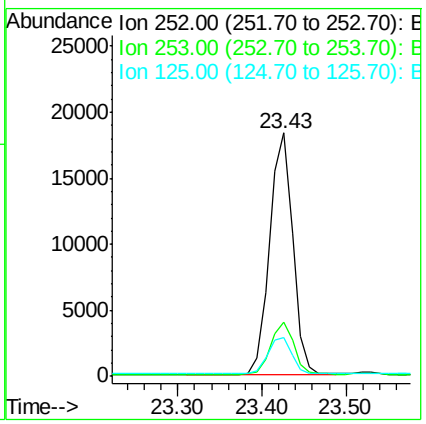




#35
Benzo(a)pyrene
Concen: 2.11 ng
RT: 23.43 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:252 Resp: 34927

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	15.8	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
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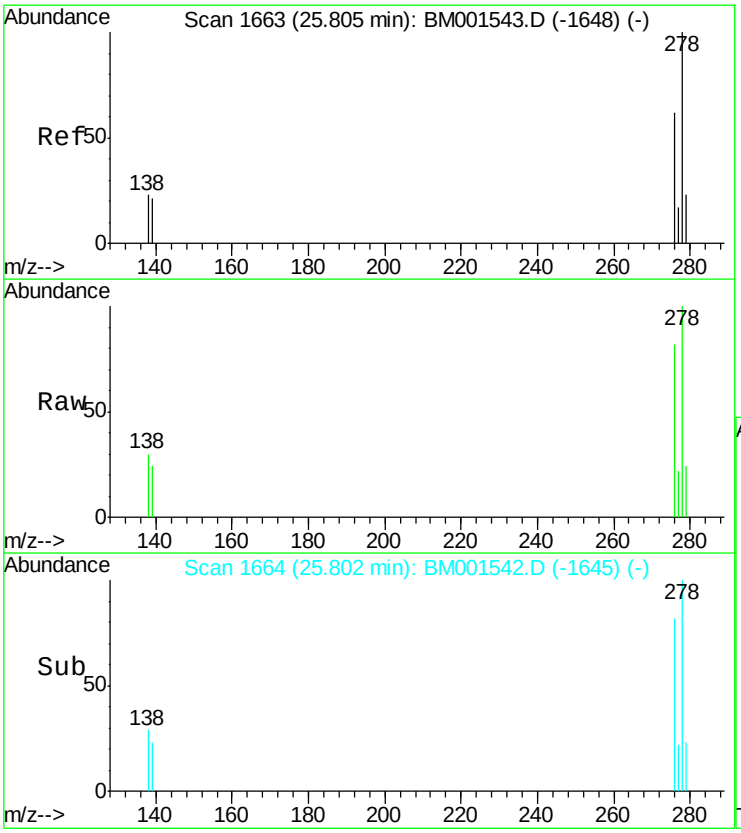
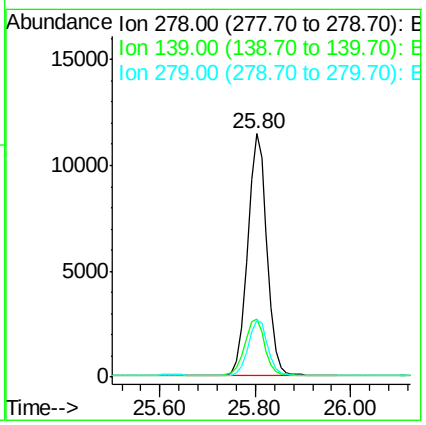
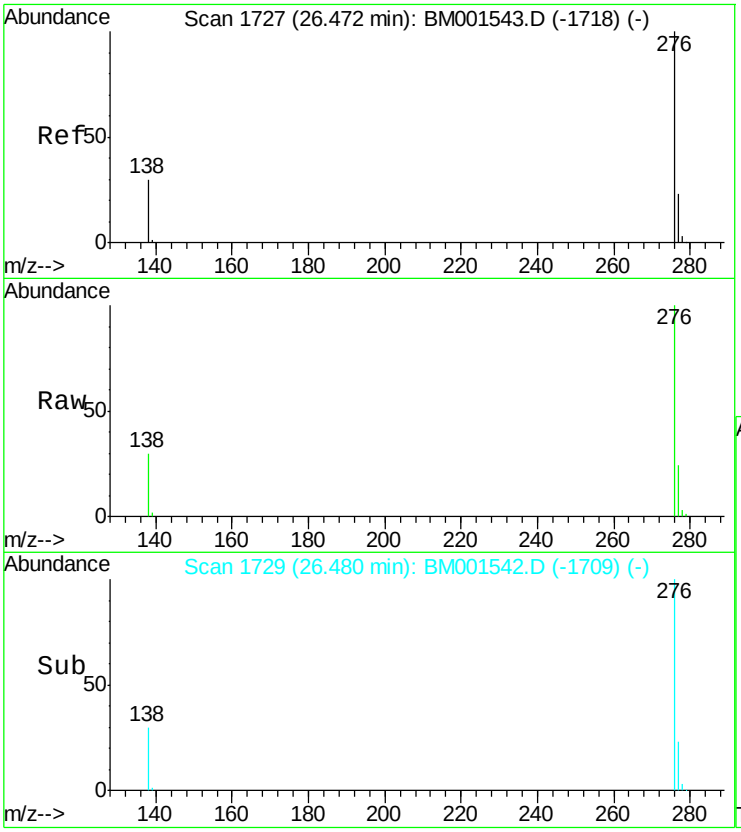


#36
Dibenzo(a,h)anthracene
Concen: 1.98 ng
RT: 25.80 min Scan# 1664
Delta R.T. -0.00 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:278 Resp: 32407

Ion	Ratio	Lower	Upper
278	100		
139	23.9	18.0	27.0
279	23.6	19.8	29.8

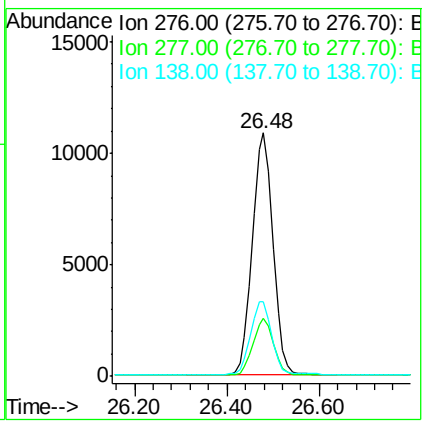




#37
Benzo(g,h,i)perylene
Concen: 1.98 ng
RT: 26.48 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BM001542.D
Acq: 03 Jun 2015 19:36

Tgt Ion:276 Resp: 33844

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	30.4	25.0	37.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Manual Integrations APPROVED
apatel
6/5/2015 8:04:07 AM