Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060315\
Data File : BM001545.D
Acq On : 03 Jun 2015 21:23
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Manual Integrations APPROVED
apatel
6/5/2015 8:04:15 AM

Quant Time: Jun 04 04:03:32 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	7.69	152	26606	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	94916	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	47038	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	111220	5.00	ng		0.00
25) Chrysene-d12	21.28	240	76802	5.00	ng		0.00
32) Perylene-d12	23.52	264	66624	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3042	0.52	ng		0.00
5) Phenol-d6	6.86	99	3710	0.51	ng		0.00
7) Nitrobenzene-d5	8.86	82	3359	0.56	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	1001	0.99	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	7070	0.50	ng		0.00
27) Terphenyl-d14	19.73	244	4827	0.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1339	0.48	ng		97
3) n-Nitrosodimethylamine	3.52	42	2039	0.54	ng	#	98
8) Nitrobenzene	8.90	77	3550	0.56	ng		99
9) Naphthalene	10.52	128	10120	0.51	ng		99
10) Hexachlorobutadiene	10.82	225	1756	0.50	ng		100
11) 2-Methylnaphthalene	12.16	142	6412	0.51	ng		99
15) Acenaphthylene	14.06	152	10170	0.50	ng		100
16) Acenaphthene	14.41	154	6209	0.50	ng		100
17) Fluorene	15.39	166	4780	0.24	ng		97
19) 4-Bromophenyl-phenylether	16.27	248	2368	1.24	ng		94
20) Hexachlorobenzene	16.41	284	1149	0.29	ng	#	100
21) Pentachlorophenol	16.75	266	546	0.32	ng		98
22) Phenanthrene	17.12	178	16359	0.77	ng		99
23) Anthracene	17.23	178	7392m	0.33	ng		
24) Fluoranthene	19.15	202	11626	0.58	ng		100
26) Pyrene	19.52	202	12078	0.52	ng		100
28) Benzo(a)anthracene	21.27	228	10183	0.49	ng		99
29) Chrysene	21.31	228	9825	0.50	ng		98
30) Bis(2-ethylhexyl)phthalate	21.21	149	7235	0.49	ng		98
31) Indeno(1,2,3-cd)pyrene	25.78	276	9991	0.46	ng		100
33) Benzo(b)fluoranthene	22.84	252	9389	0.50	ng		97
34) Benzo(k)fluoranthene	22.89	252	8840	0.53	ng		97
35) Benzo(a)pyrene	23.42	252	8566	0.53	ng		97
36) Dibenzo(a,h)anthracene	25.79	278	7844	0.49	ng	#	95
37) Benzo(g,h,i)perylene	26.47	276	8265	0.49	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 : BM001545.D
Acq On : 03 Jun 2015 21:23
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 04 04:03:32 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 :
SSTDICC0.5

Manual Integrations APPROVED
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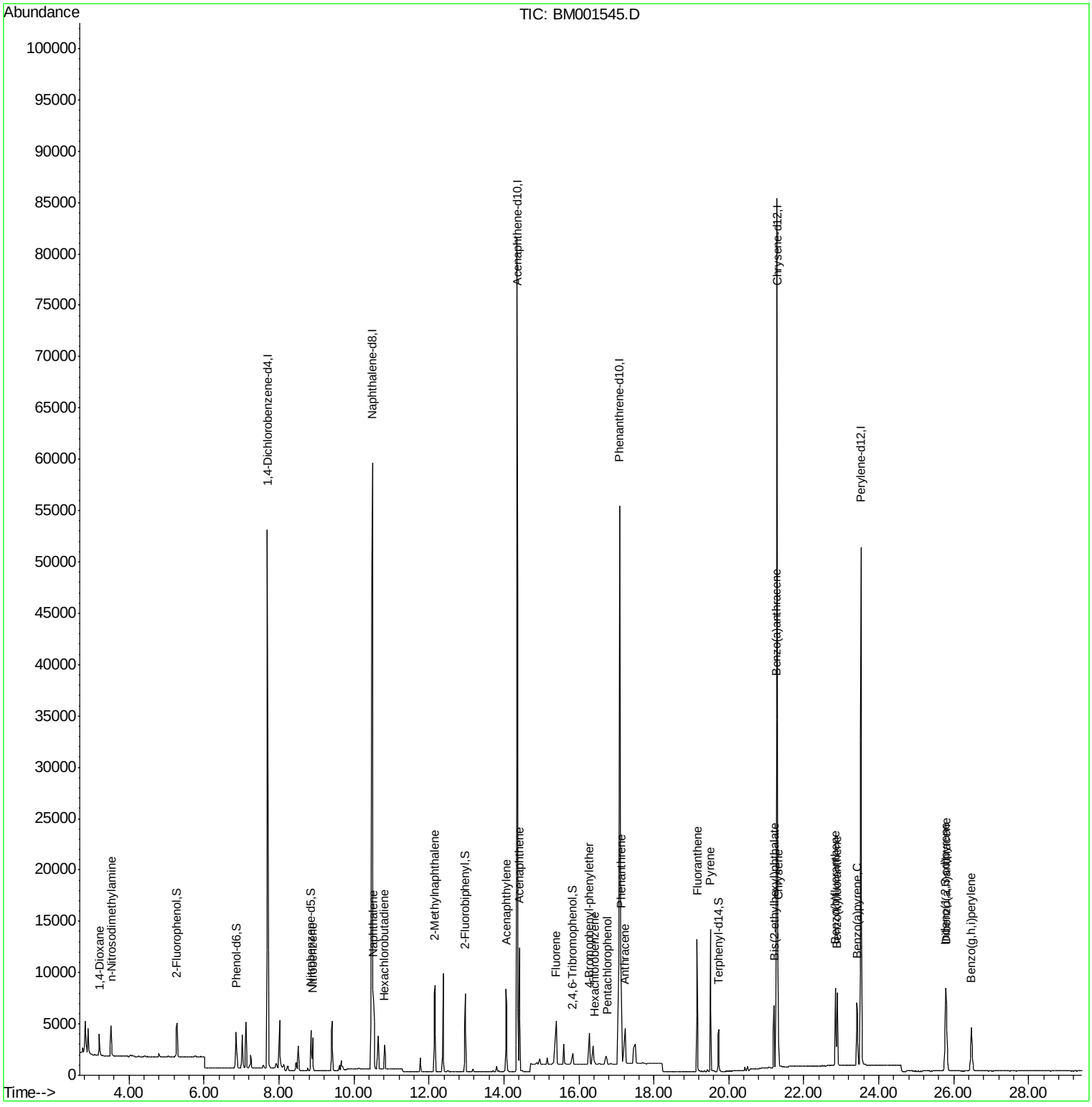
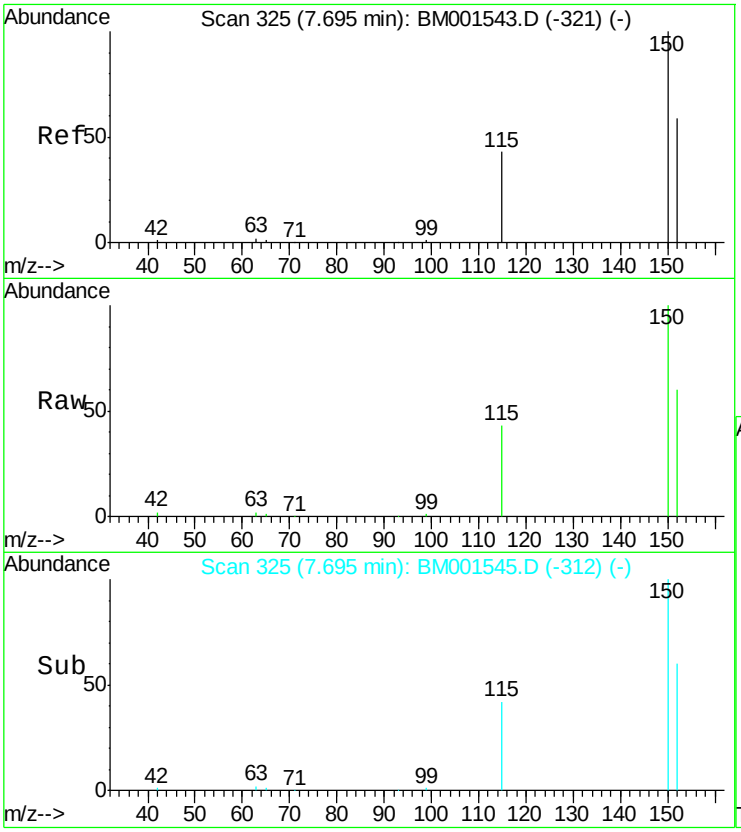
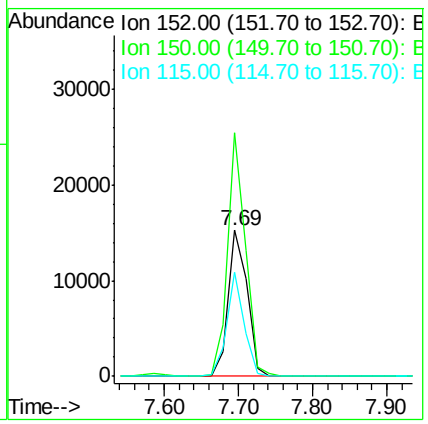




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:152 Resp: 26606

Ion	Ratio	Lower	Upper
152	100		
150	166.9	135.0	202.4
115	71.0	57.8	86.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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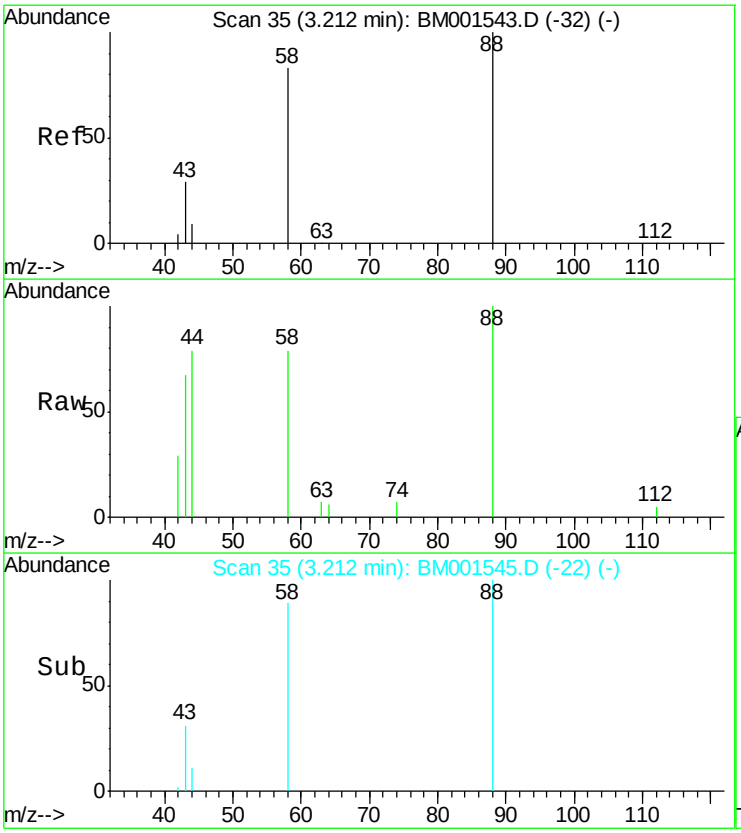
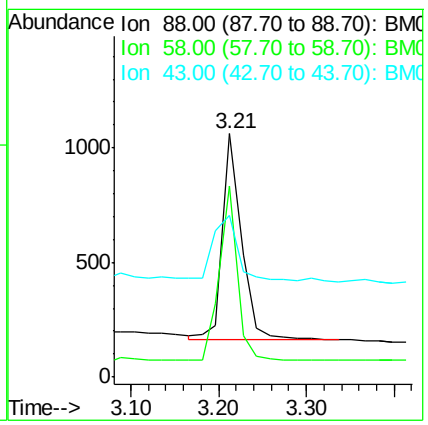
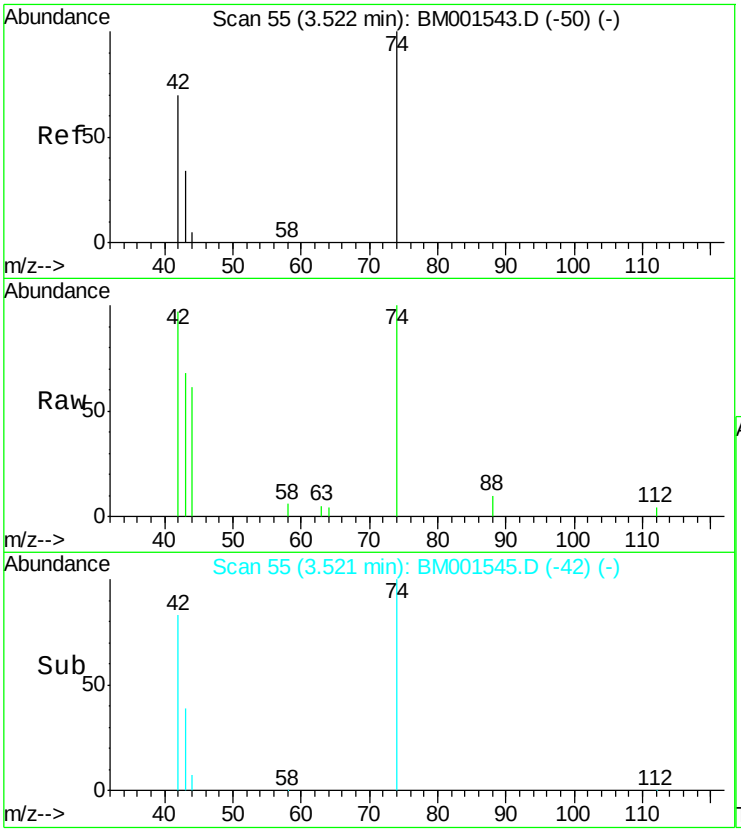


#2
1,4-Dioxane
Concen: 0.48 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion: 88 Resp: 1339

Ion	Ratio	Lower	Upper
88	100		
58	80.3	65.0	97.4
43	43.3	31.1	46.7

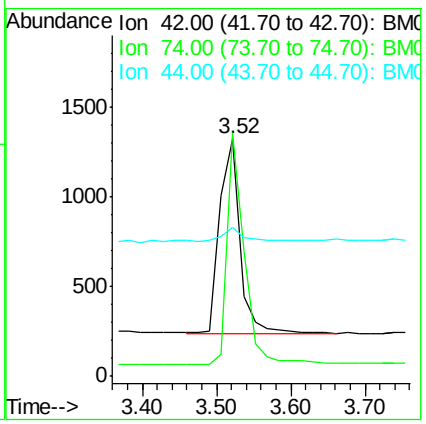




#3
n-Nitrosodimethylamine
Concen: 0.54 ng
RT: 3.52 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion: 42 Resp: 2039

Ion	Ratio	Lower	Upper
42	100		
74	101.7	82.0	123.0
44	13.1	5.8	8.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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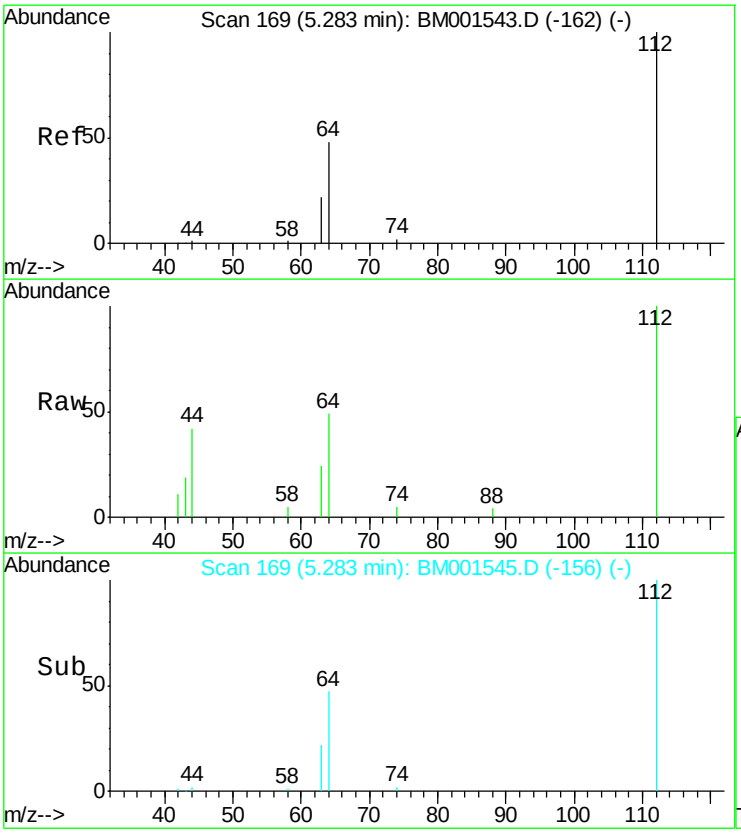
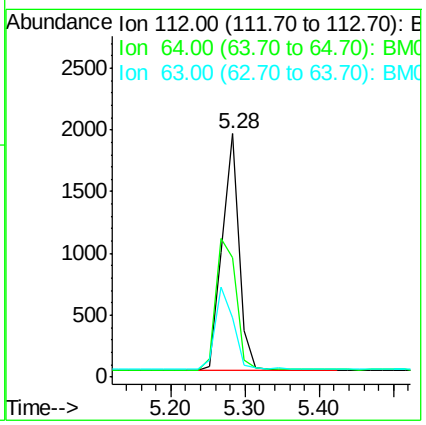
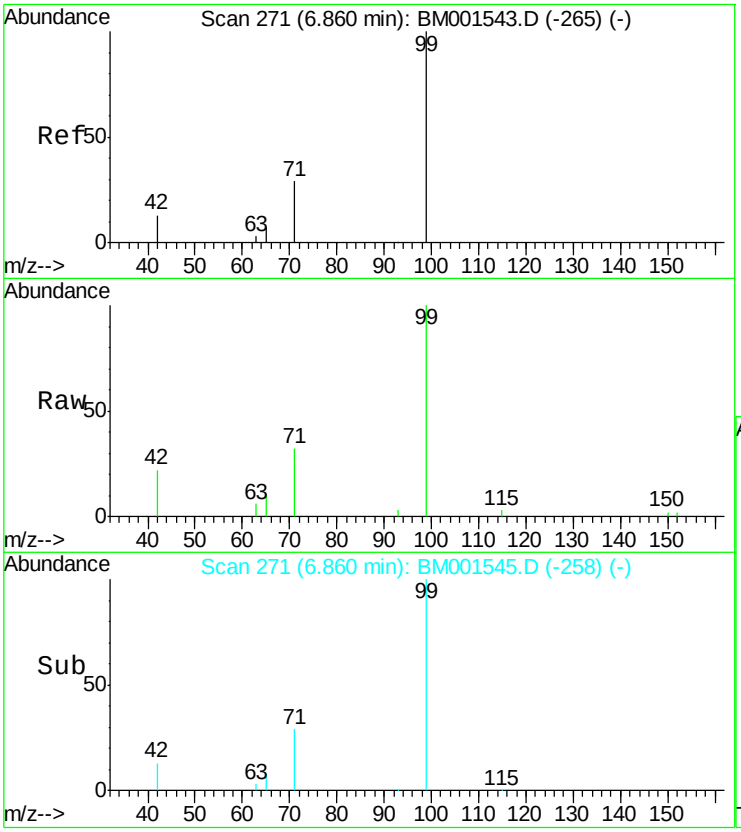


#4
2-Fluorophenol
Concen: 0.52 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:112 Resp: 3042

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.0	79.4
63	36.6	29.2	43.8

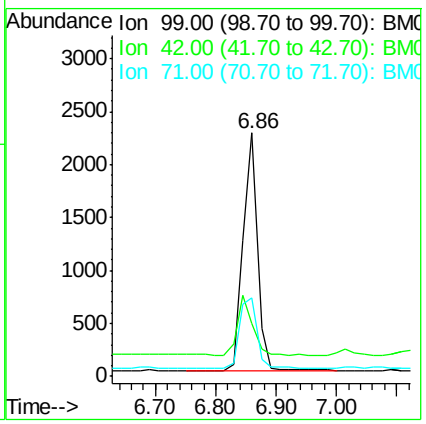




#5
Phenol-d6
Concen: 0.51 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion: 99 Resp: 3710

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.9	31.3
71	35.8	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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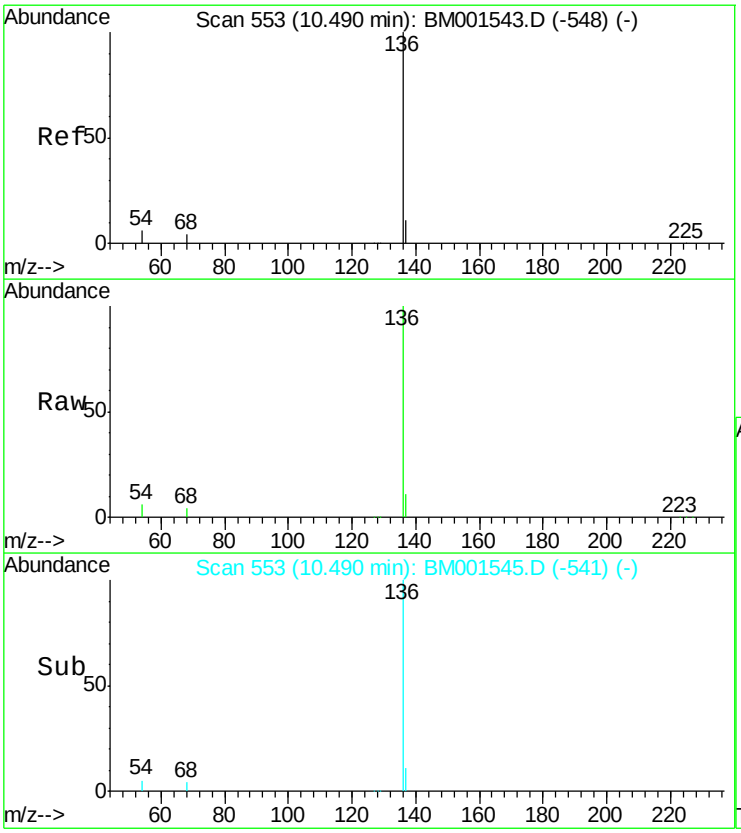
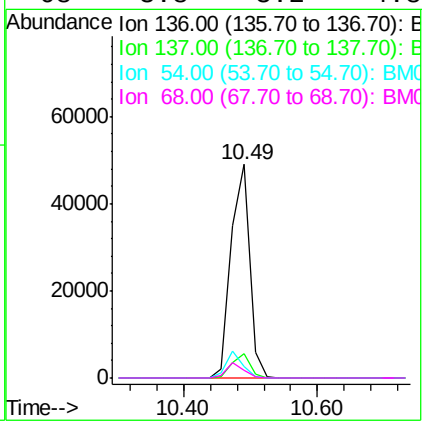
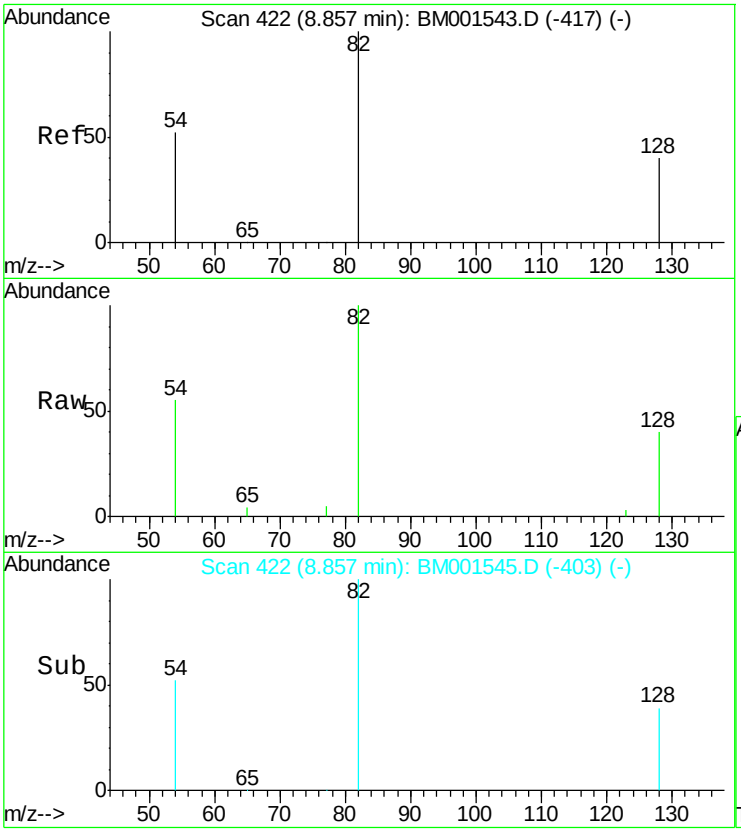


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:136 Resp: 94916

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	5.6	4.6	6.8
68	3.8	3.2	4.8

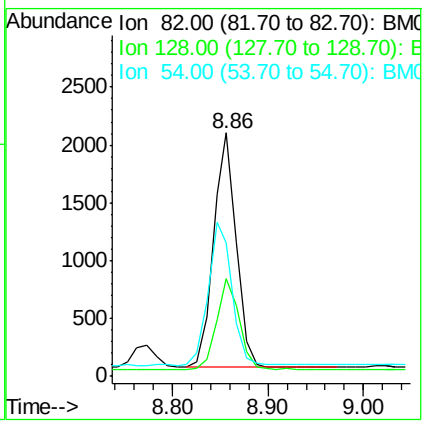




#7
Nitrobenzene-d5
Concen: 0.56 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion: 82 Resp: 3359

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.3	48.5
54	55.1	43.0	64.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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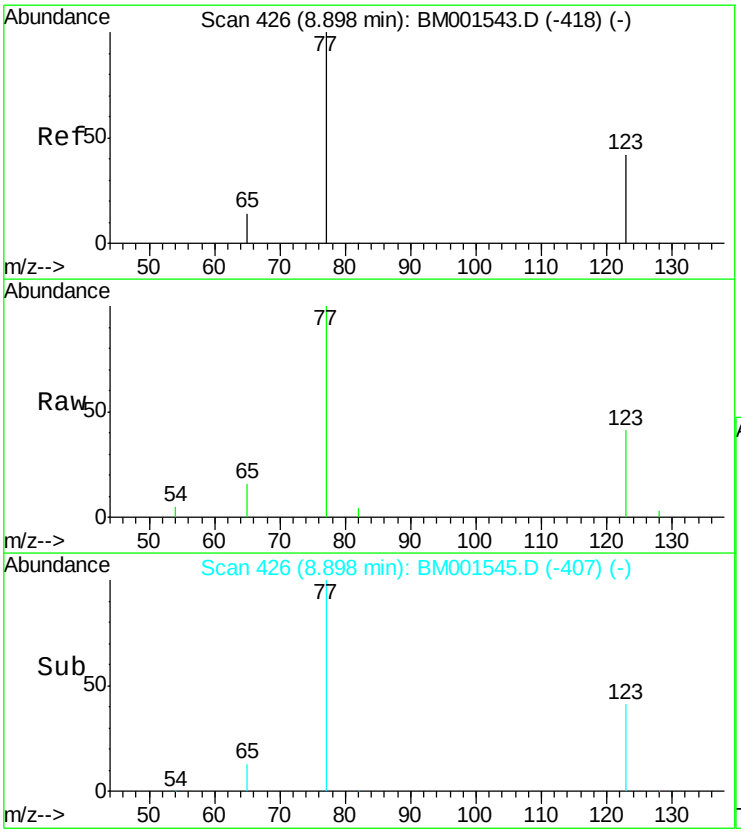
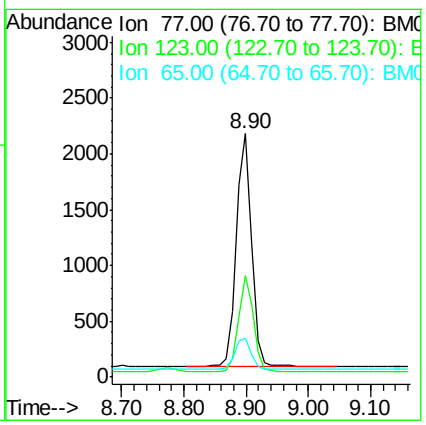
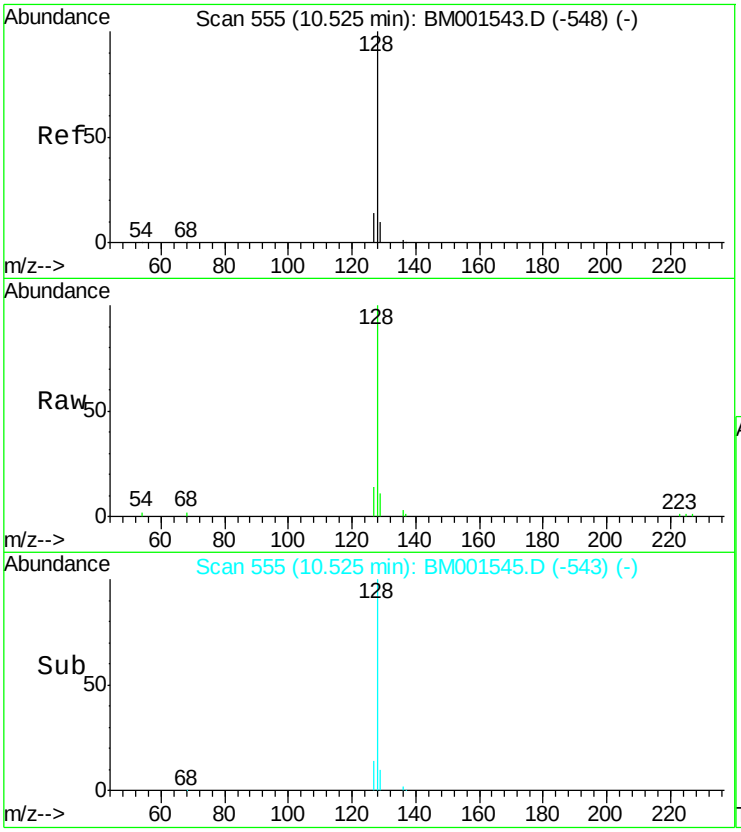


#8
Nitrobenzene
Concen: 0.56 ng
RT: 8.90 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion: 77 Resp: 3550

Ion	Ratio	Lower	Upper
77	100		
123	39.9	32.5	48.7
65	13.9	11.8	17.6

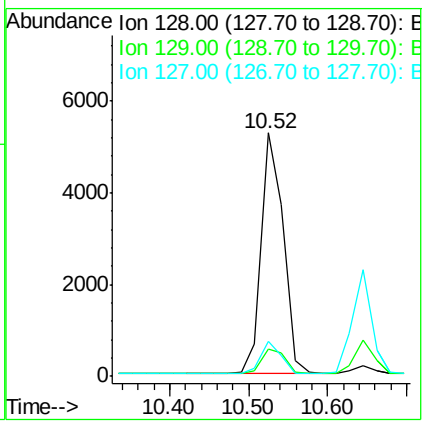




#9
Naphthalene
Concen: 0.51 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:128 Resp: 10120

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.5	12.7
127	14.5	11.7	17.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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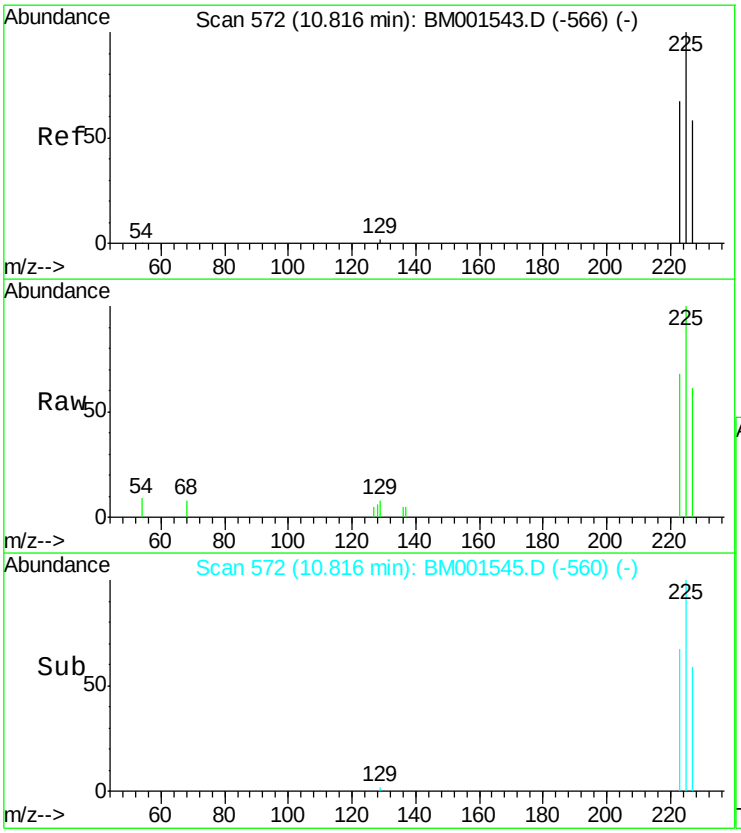
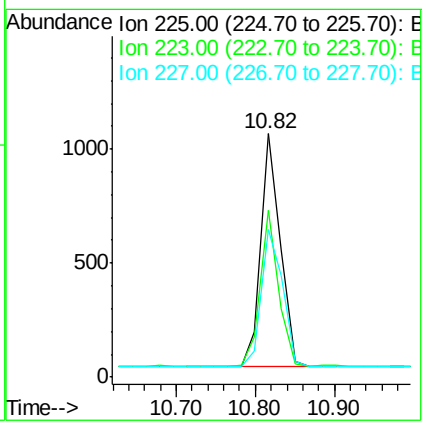
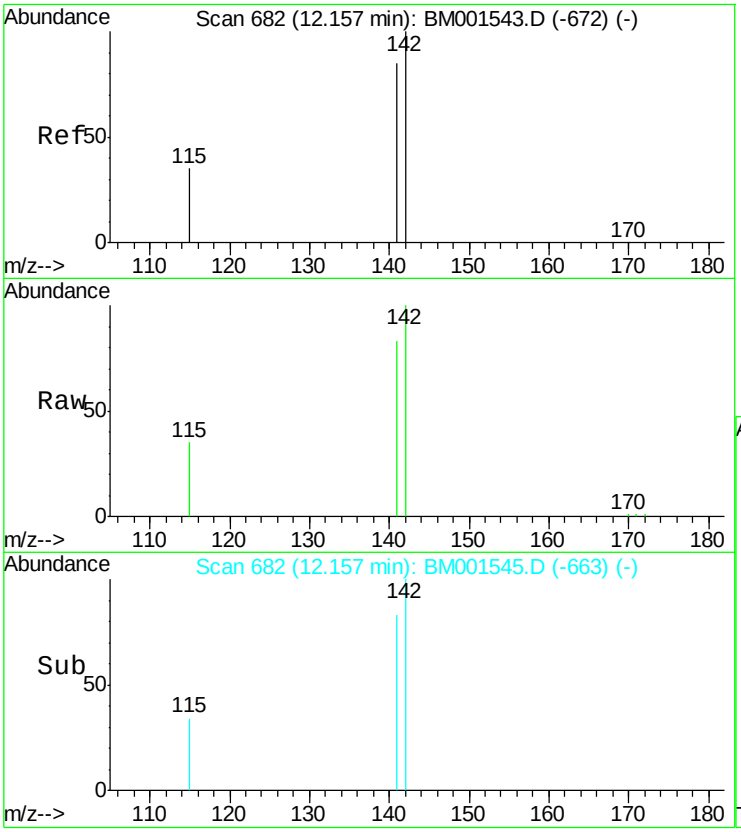


#10
Hexachlorobutadiene
Concen: 0.50 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:225 Resp: 1756

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	63.7	50.5	75.7

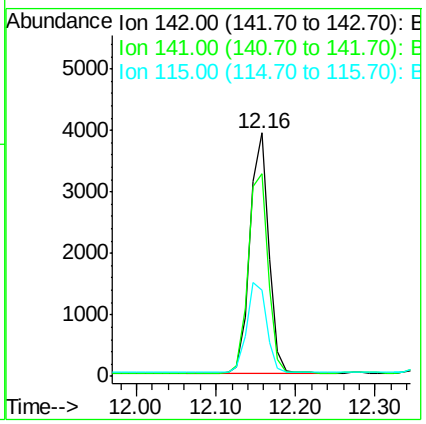




#11
2-Methylnaphthalene
Concen: 0.51 ng
RT: 12.16 min Scan# 682
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:142 Resp: 6412

Ion	Ratio	Lower	Upper
142	100		
141	83.4	68.1	102.1
115	35.4	28.3	42.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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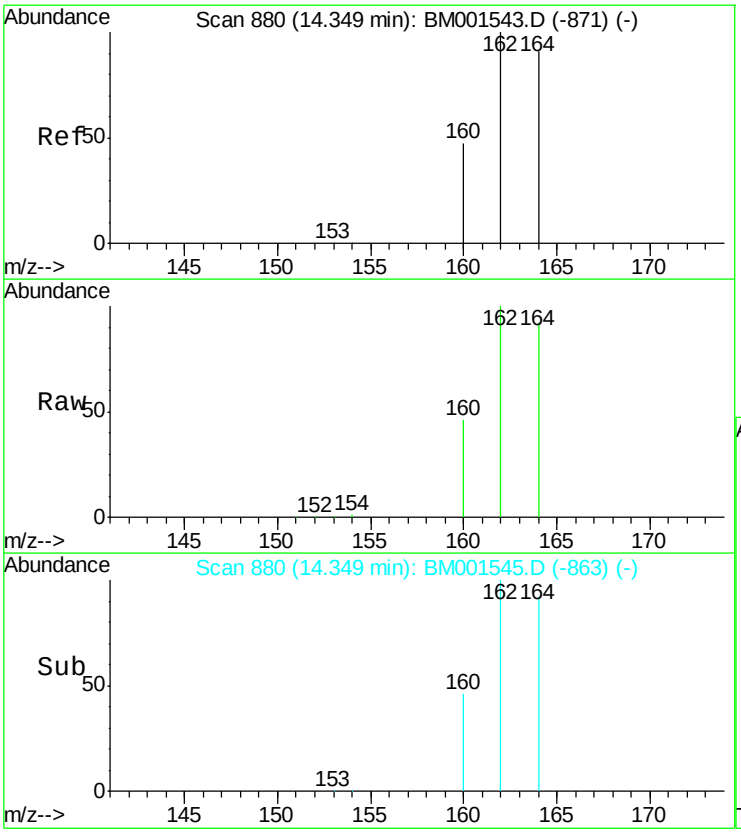
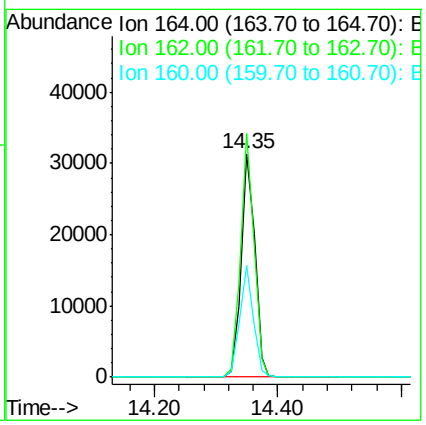
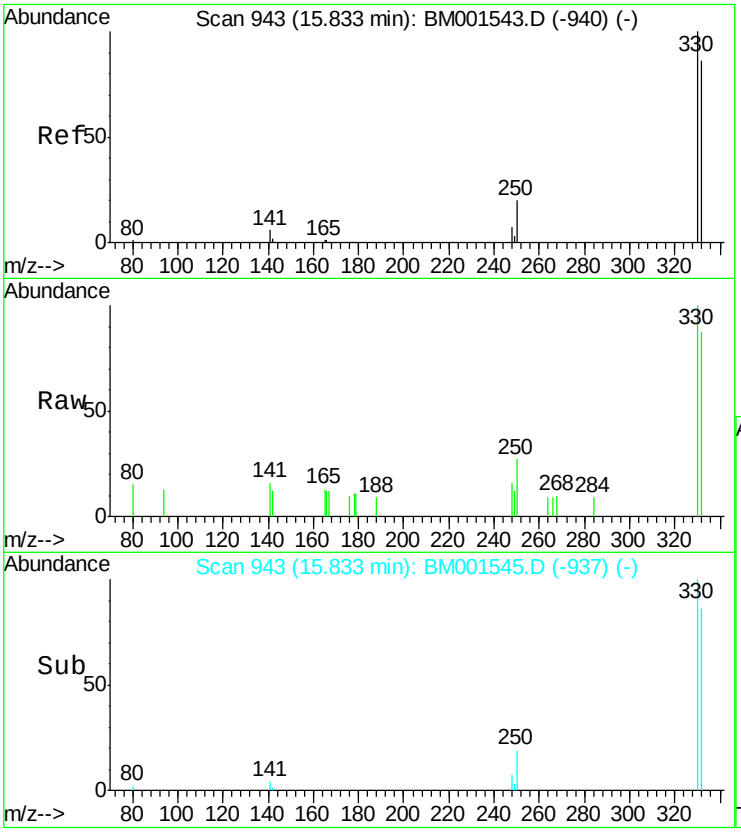


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:164 Resp: 47038

Ion	Ratio	Lower	Upper
164	100		
162	109.1	88.0	132.0
160	50.4	41.0	61.4

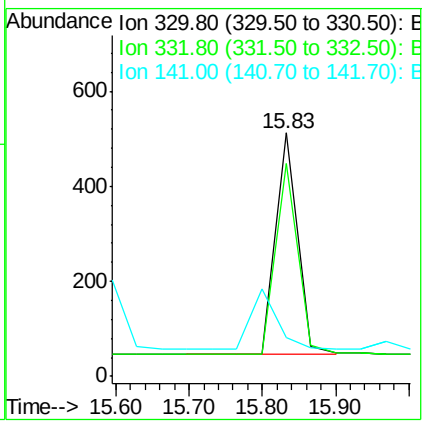




#13
2,4,6-Tribromophenol
Concen: 0.99 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:330 Resp: 1001

Ion	Ratio	Lower	Upper
330	100		
332	86.9	69.6	104.4
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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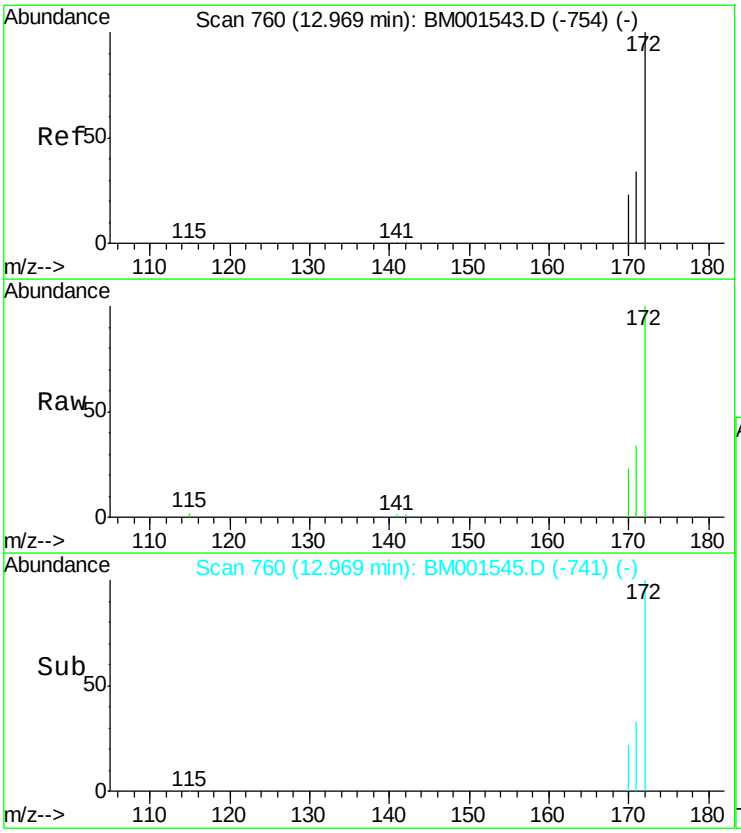
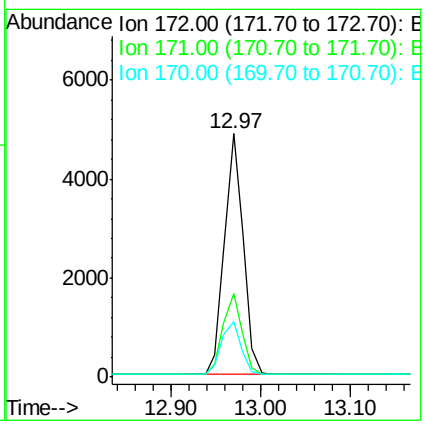
6/5/2015 8:04:15 AM

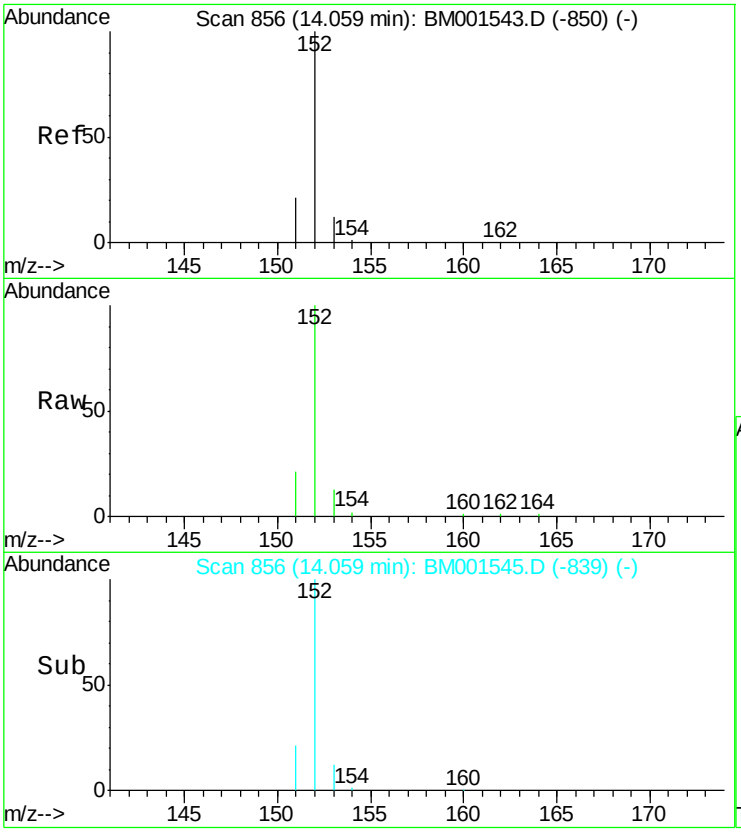


#14
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 12.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:172 Resp: 7070

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.6	41.4
170	22.6	18.4	27.6

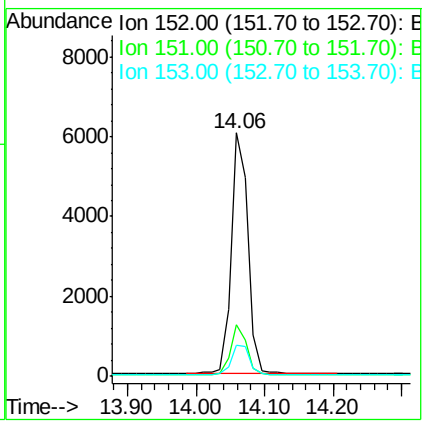




#15
Acenaphthylene
Concen: 0.50 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:152 Resp: 10170

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	12.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
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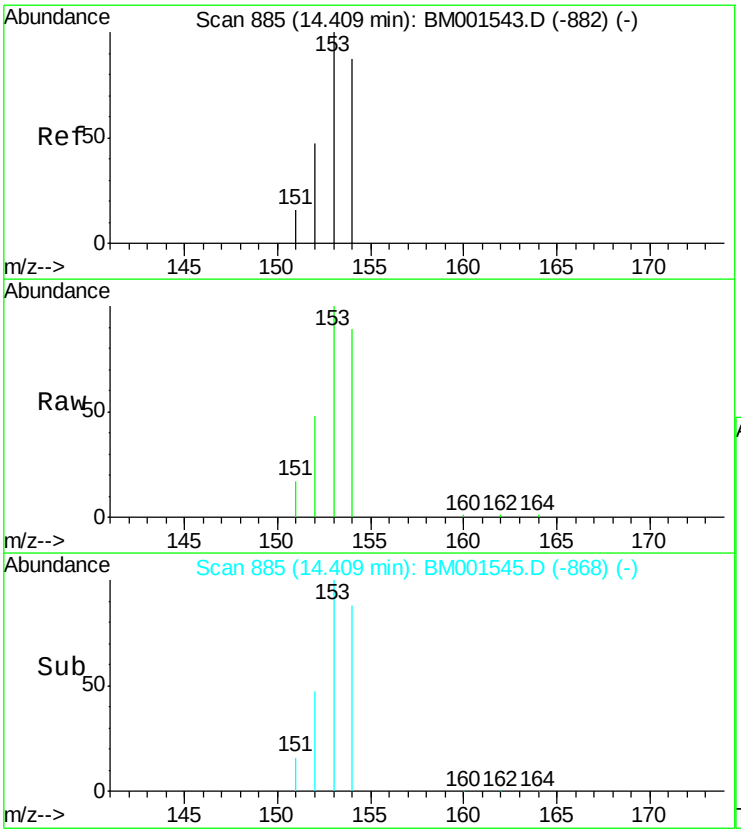
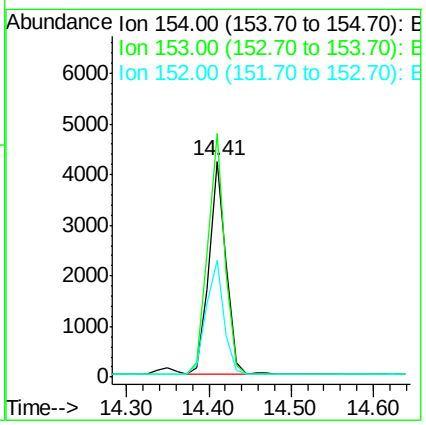
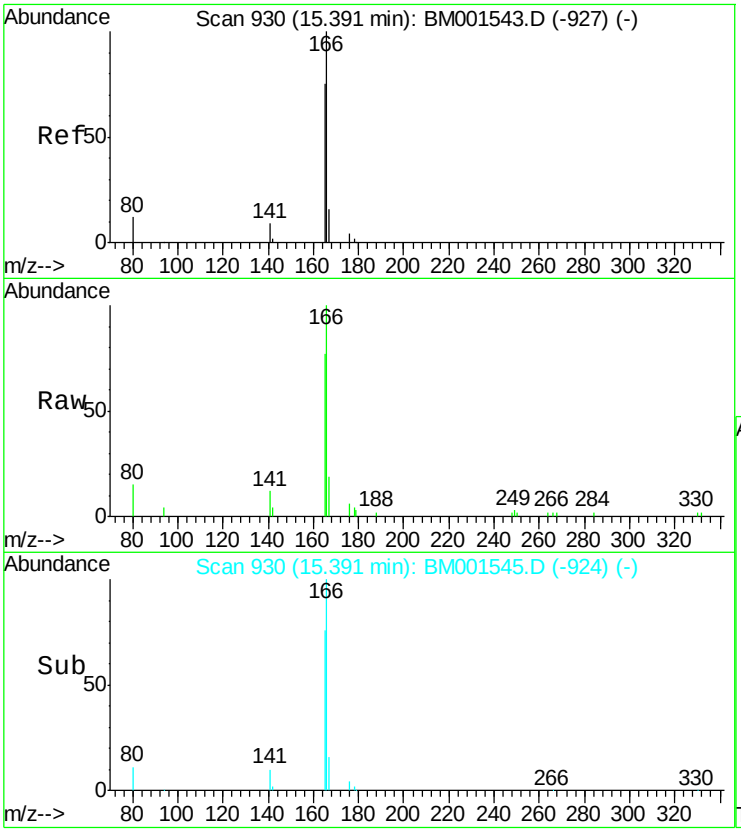


#16
Acenaphthene
Concen: 0.50 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:154 Resp: 6209

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.8	134.8
152	54.4	43.0	64.6

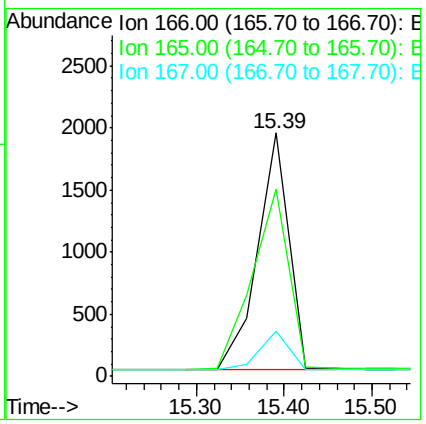




#17
Fluorene
Concen: 0.24 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:166 Resp: 4780

Ion	Ratio	Lower	Upper
166	100		
165	88.5	68.2	102.2
167	14.7	12.1	18.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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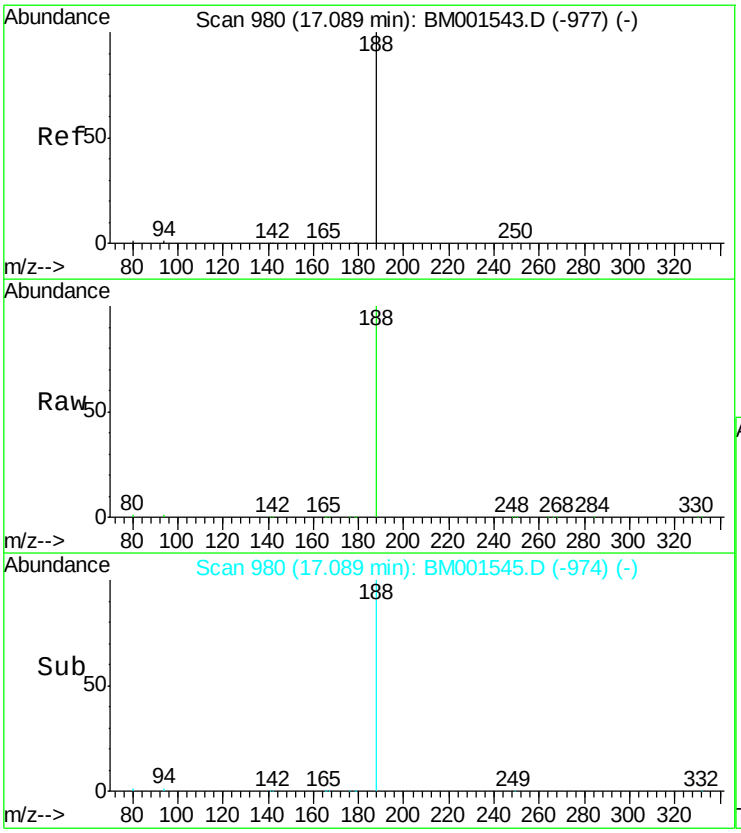
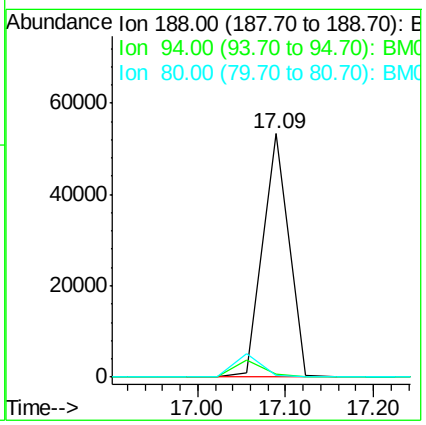
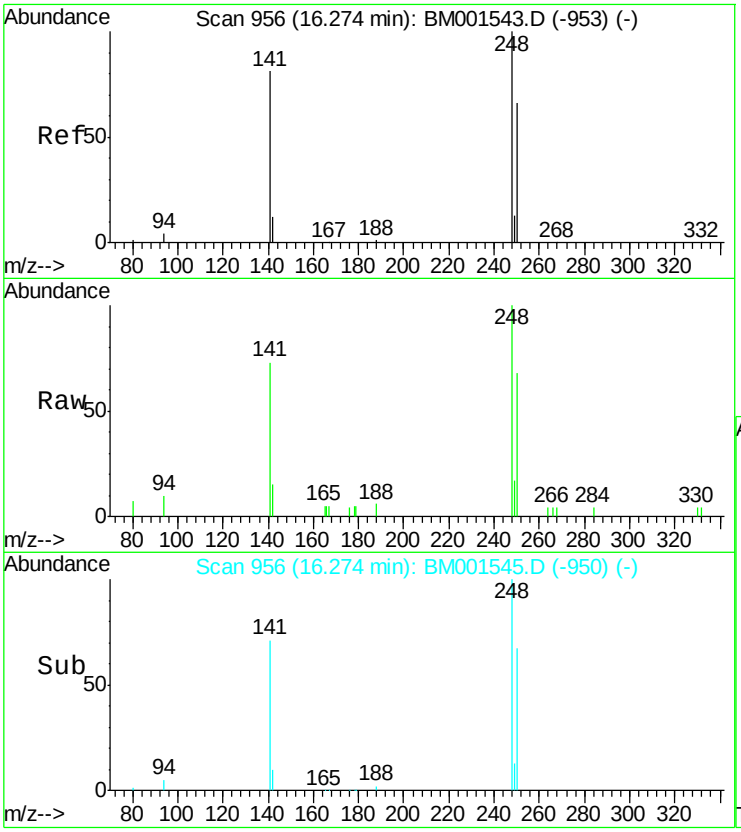


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:188 Resp: 111220

Ion	Ratio	Lower	Upper
188	100		
94	1.1	1.0	1.4
80	0.9	0.8	1.2

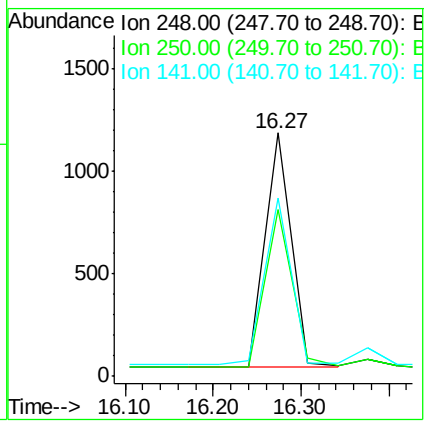




#19
4-Bromophenyl-phenylether
Concen: 1.24 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:248 Resp: 2368

Ion	Ratio	Lower	Upper
248	100		
250	69.6	55.2	82.8
141	72.0	64.7	97.1



Instrument :
BNA_M
ClientSampleId :
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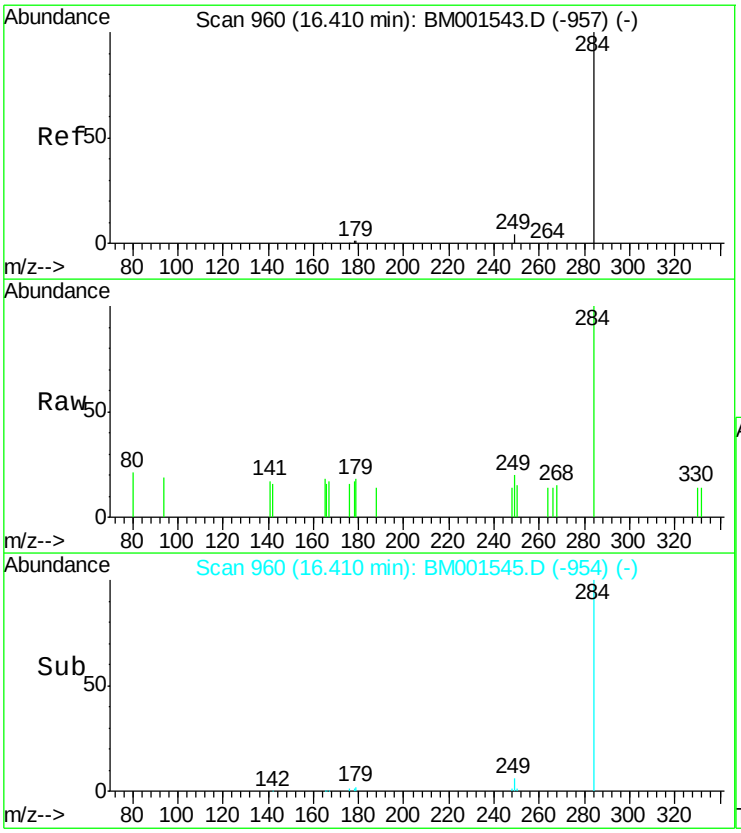
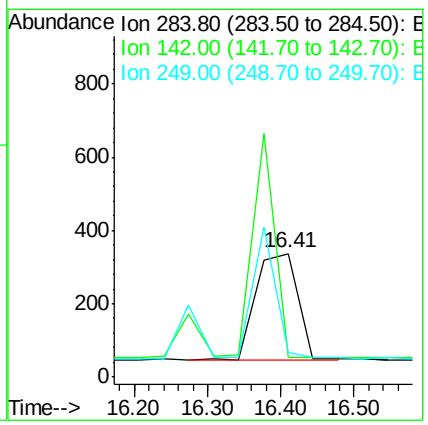
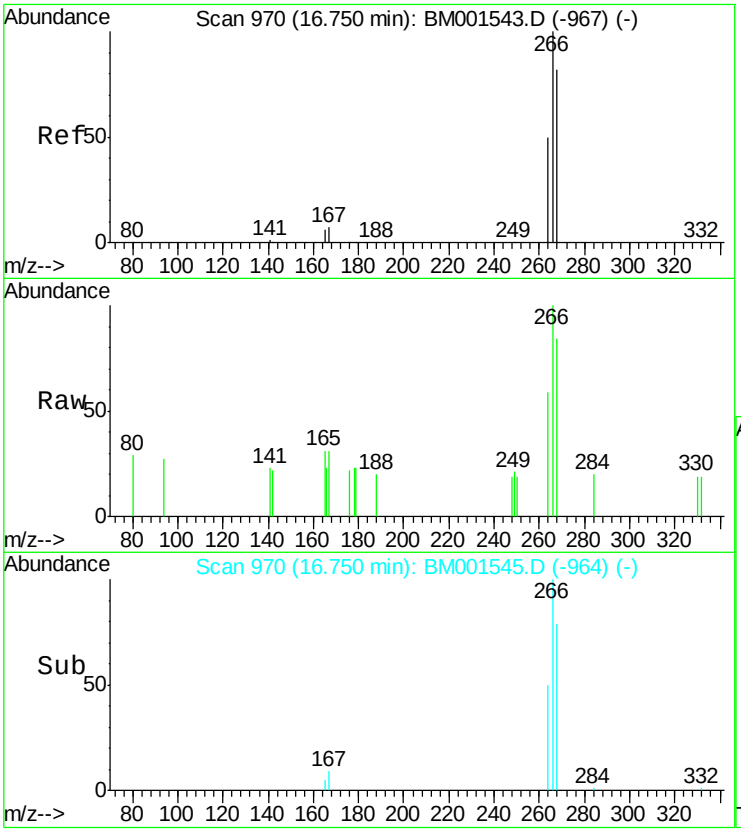


#20
Hexachlorobenzene
Concen: 0.29 ng
RT: 16.41 min Scan# 960
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:284 Resp: 1149

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

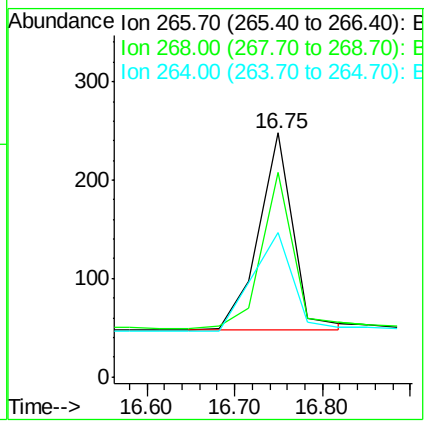




#21
Pentachlorophenol
Concen: 0.32 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:266 Resp: 546

Ion	Ratio	Lower	Upper
266	100		
268	83.9	67.2	100.8
264	58.9	43.7	65.5



Instrument :
BNA_M
ClientSampleId :
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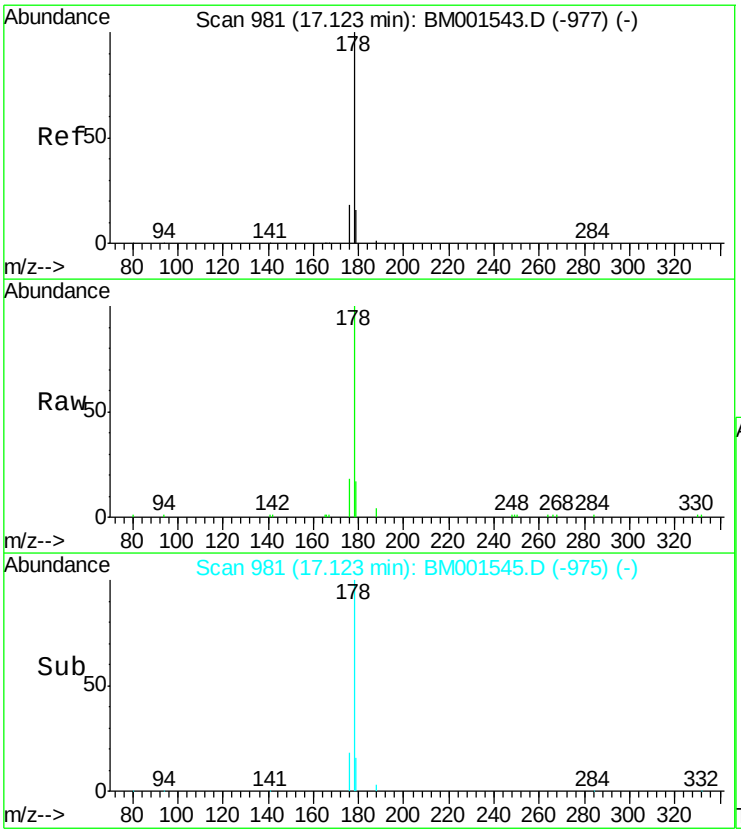
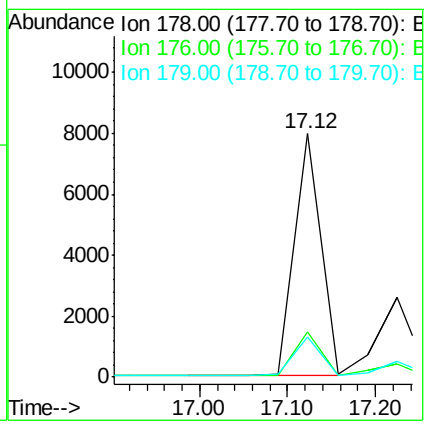
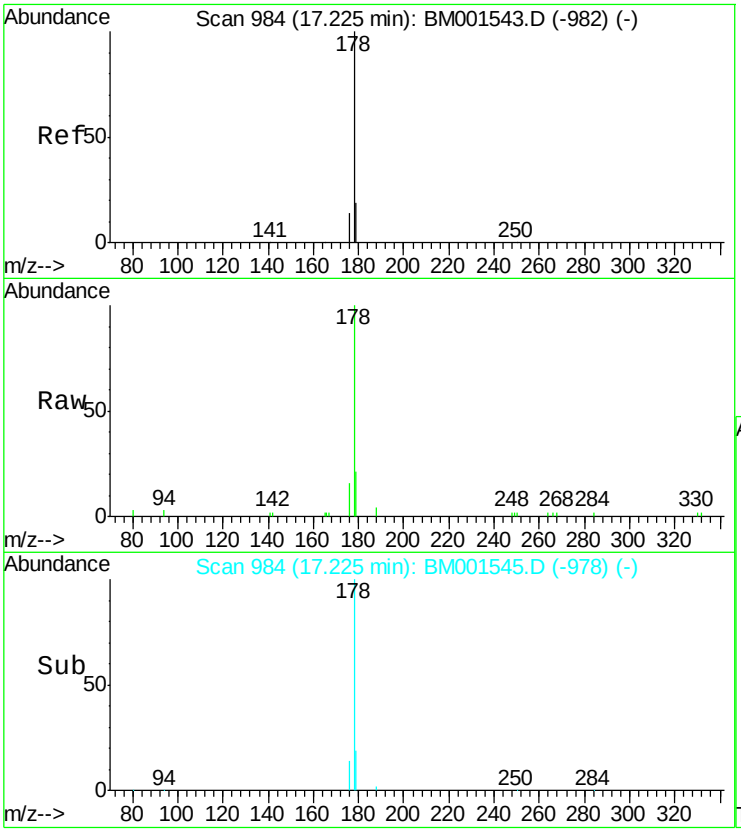


#22
Phenanthrene
Concen: 0.77 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:178 Resp: 16359

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	16.6	12.7	19.1

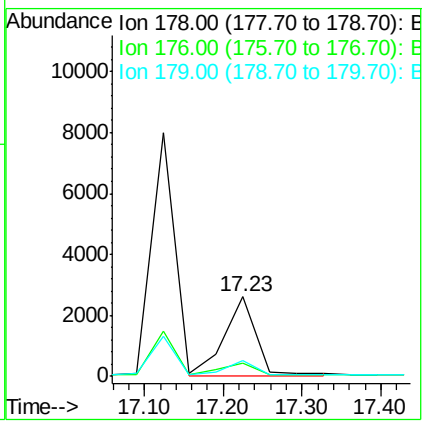




#23
Anthracene
Concen: 0.33 ng m
RT: 17.23 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:178 Resp: 7392

Ion	Ratio	Lower	Upper
178	100		
176	0.0	36.6	54.8#
179	13.1	28.7	43.1#



Instrument :
BNA_M
ClientSampleId :
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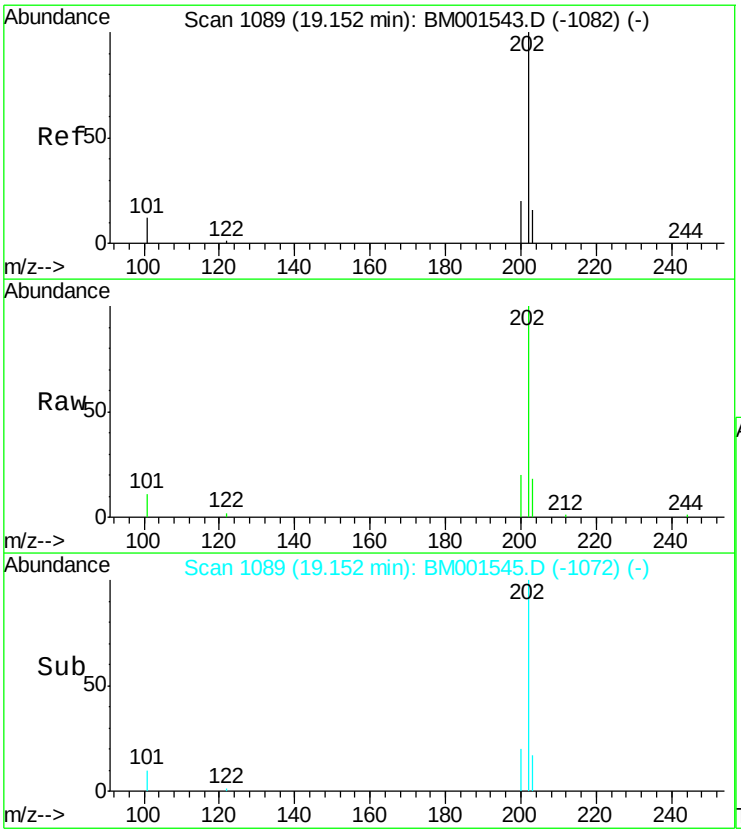
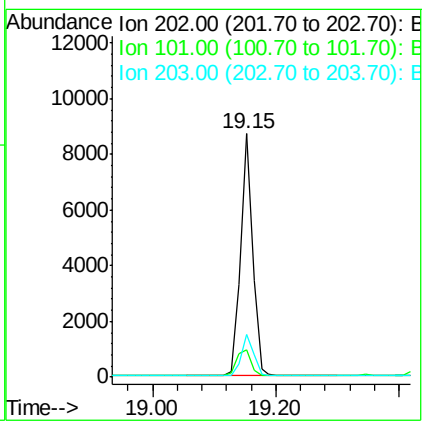
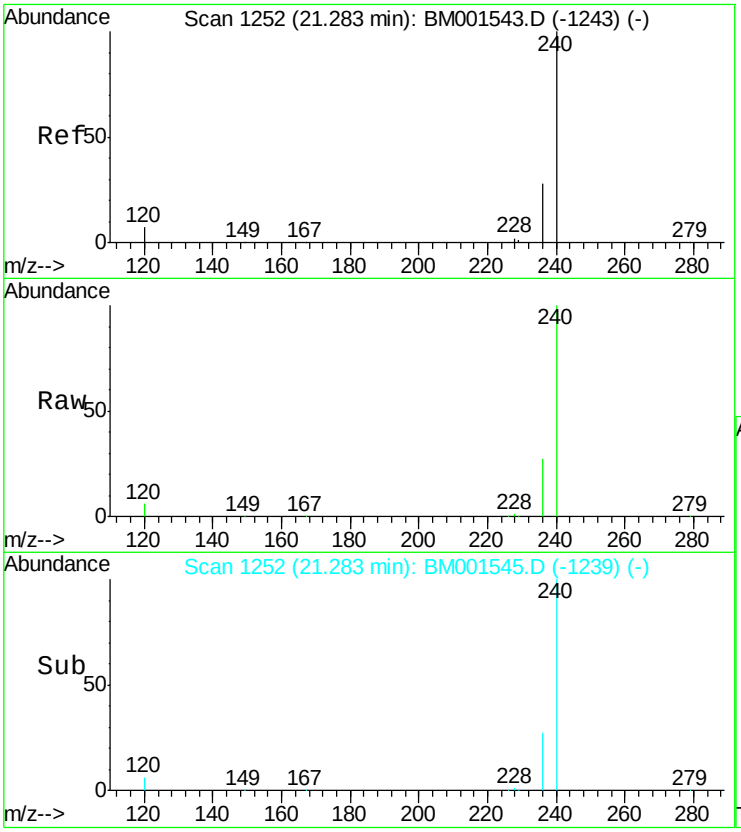


#24
Fluoranthene
Concen: 0.58 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:202 Resp: 11626

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
203	17.3	13.8	20.8

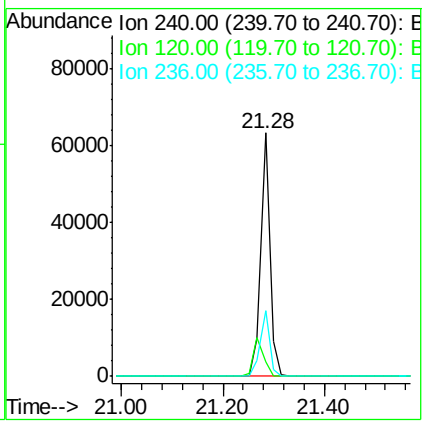




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:240 Resp: 76802

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.6	8.4
236	26.8	22.4	33.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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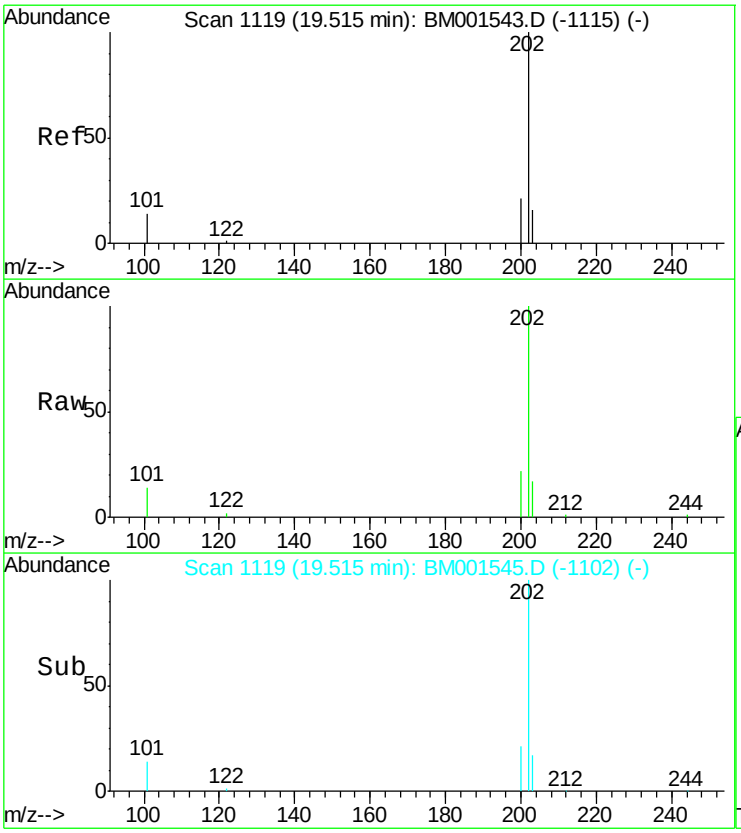
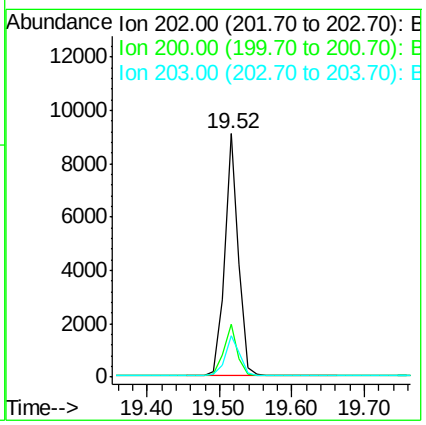
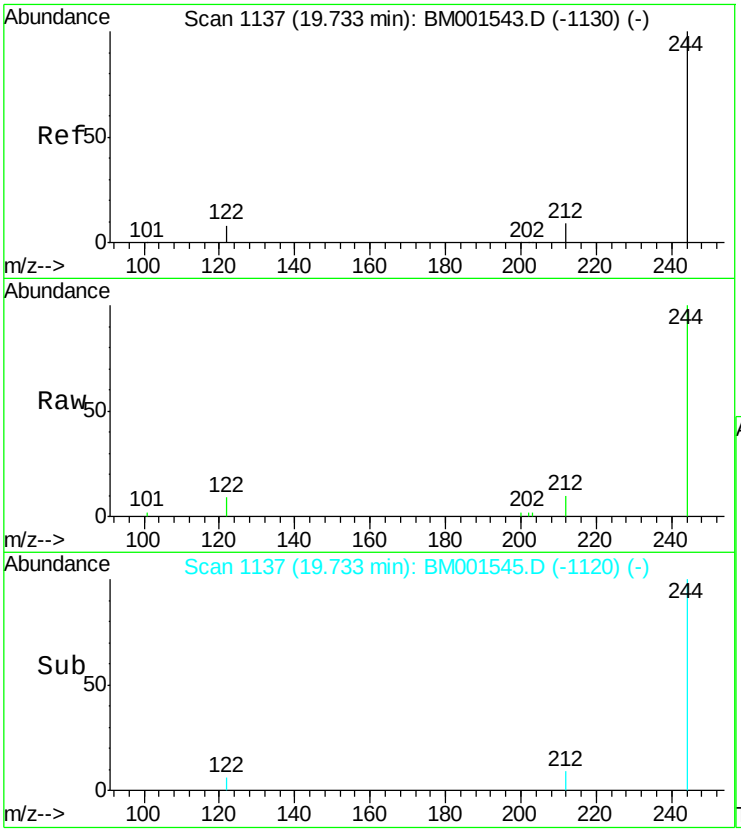


#26
Pyrene
Concen: 0.52 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:202 Resp: 12078

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	13.8	20.8

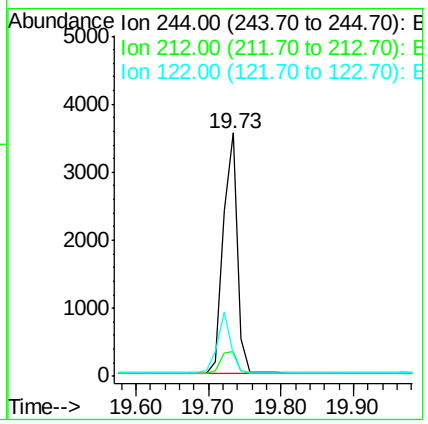




#27
Terphenyl-d14
Concen: 0.51 ng
RT: 19.73 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:244 Resp: 4827

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.0	12.0
122	8.9	7.3	10.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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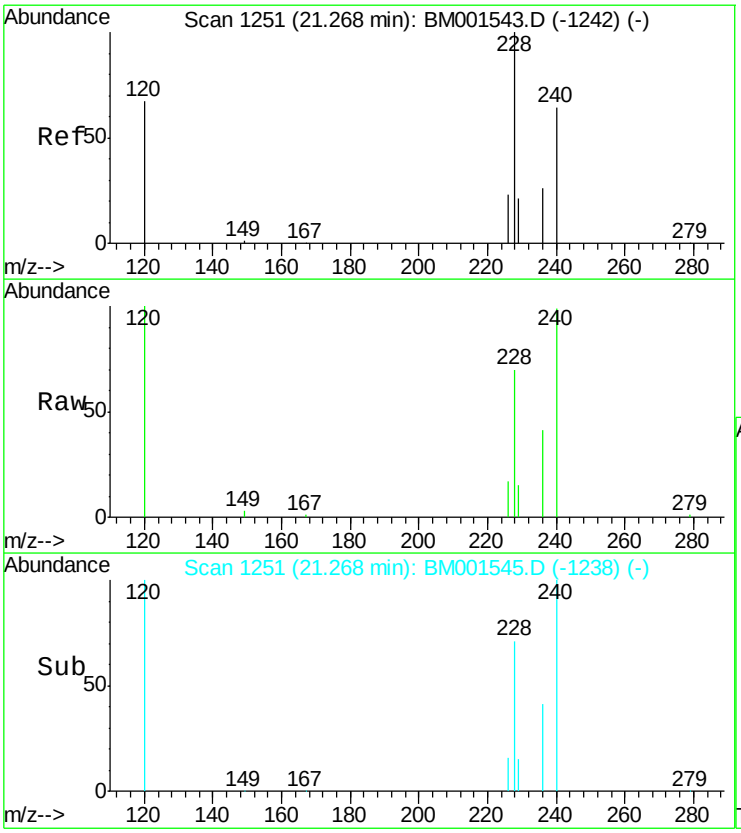
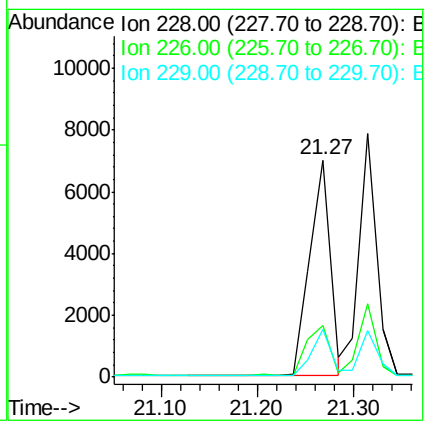
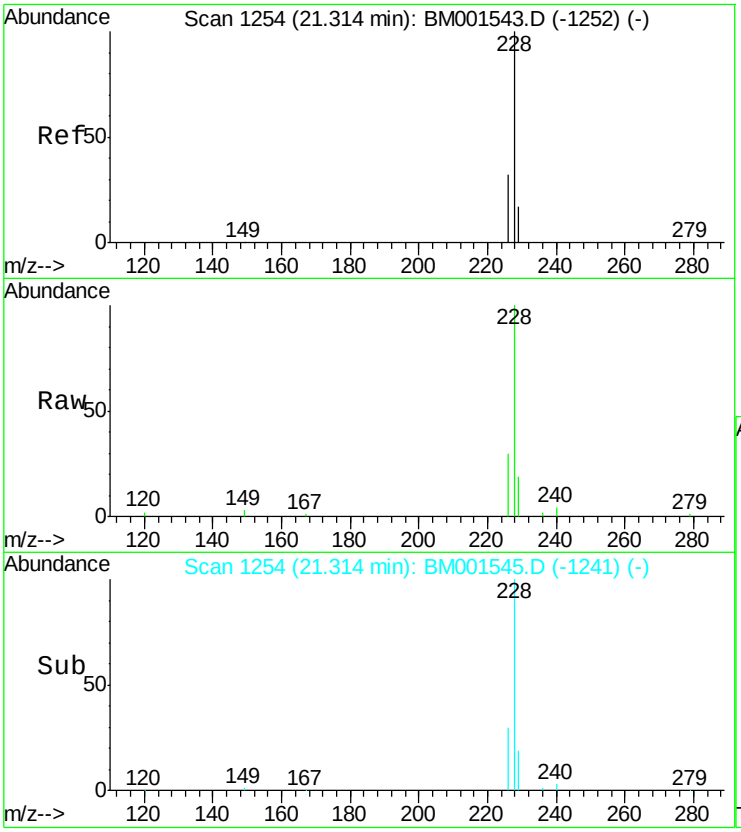


#28
Benzo(a)anthracene
Concen: 0.49 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:228 Resp: 10183

Ion	Ratio	Lower	Upper
228	100		
226	23.7	19.0	28.4
229	22.0	16.9	25.3

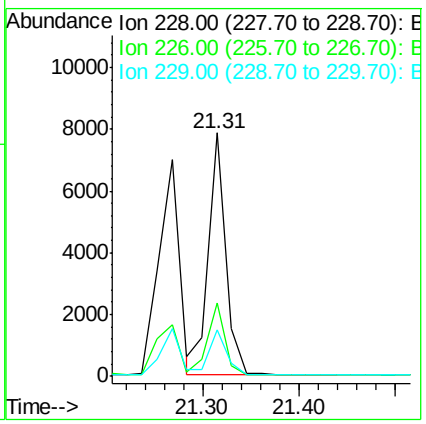




#29
Chrysene
Concen: 0.50 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:228 Resp: 9825

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	19.3	14.7	22.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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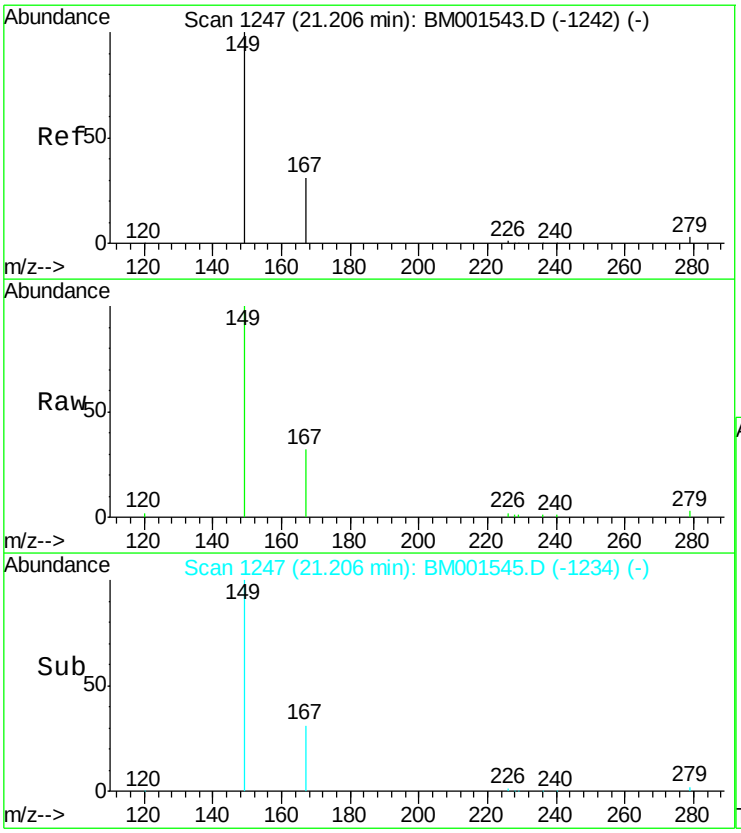
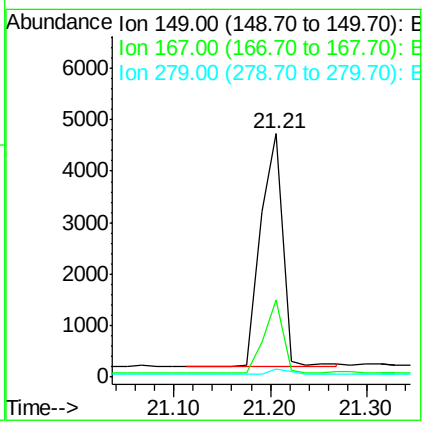
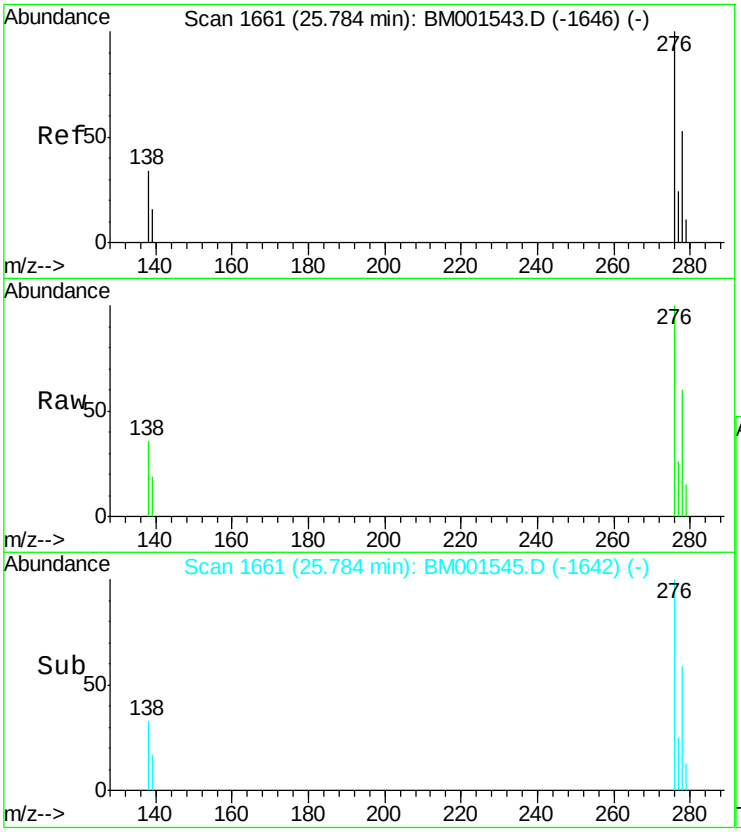


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.49 ng
RT: 21.21 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:149 Resp: 7235

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.5	30.7
279	2.2	1.7	2.5

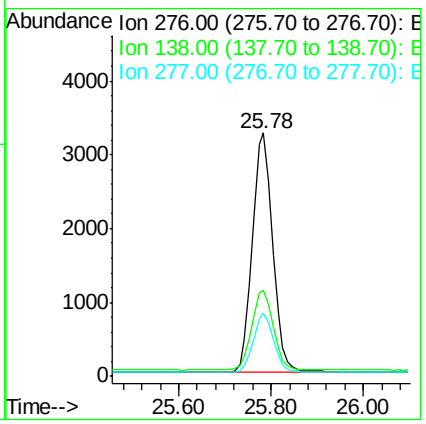




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.46 ng
RT: 25.78 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:276 Resp: 9991

Ion	Ratio	Lower	Upper
276	100		
138	35.6	28.3	42.5
277	24.4	19.6	29.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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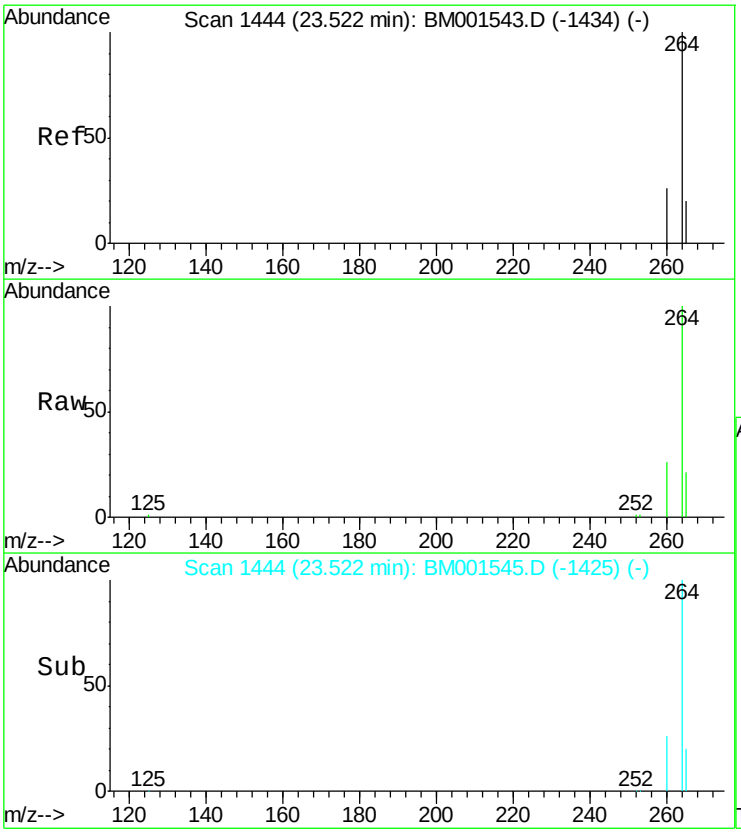
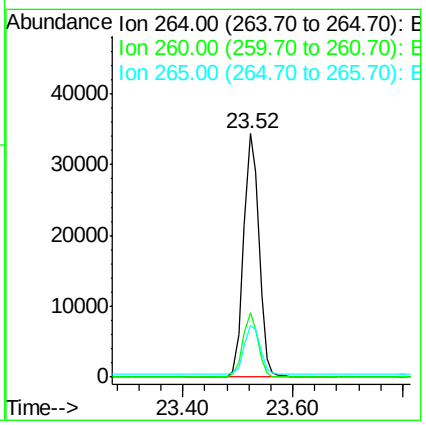
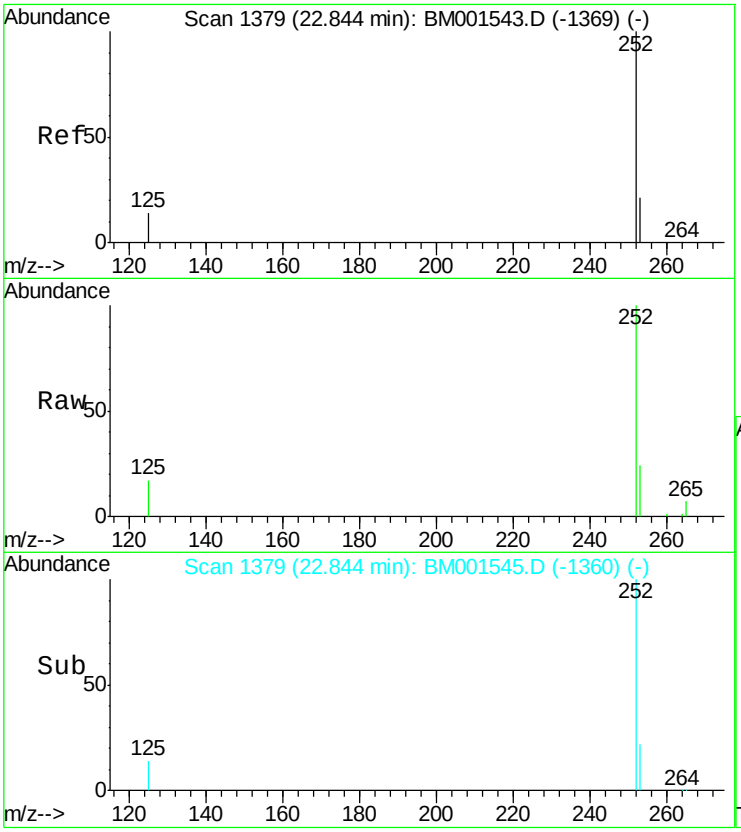


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:264 Resp: 66624

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	21.3	17.1	25.7

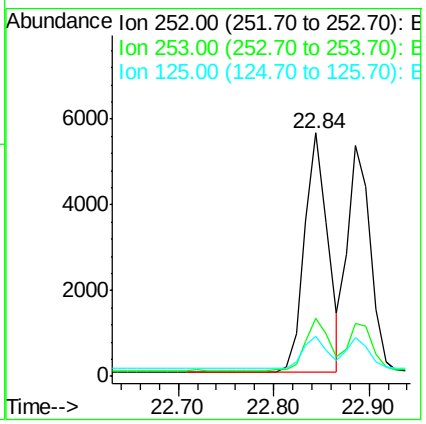




#33
Benzo(b)fluoranthene
Concen: 0.50 ng
RT: 22.84 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:252 Resp: 9389

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	16.5	12.5	18.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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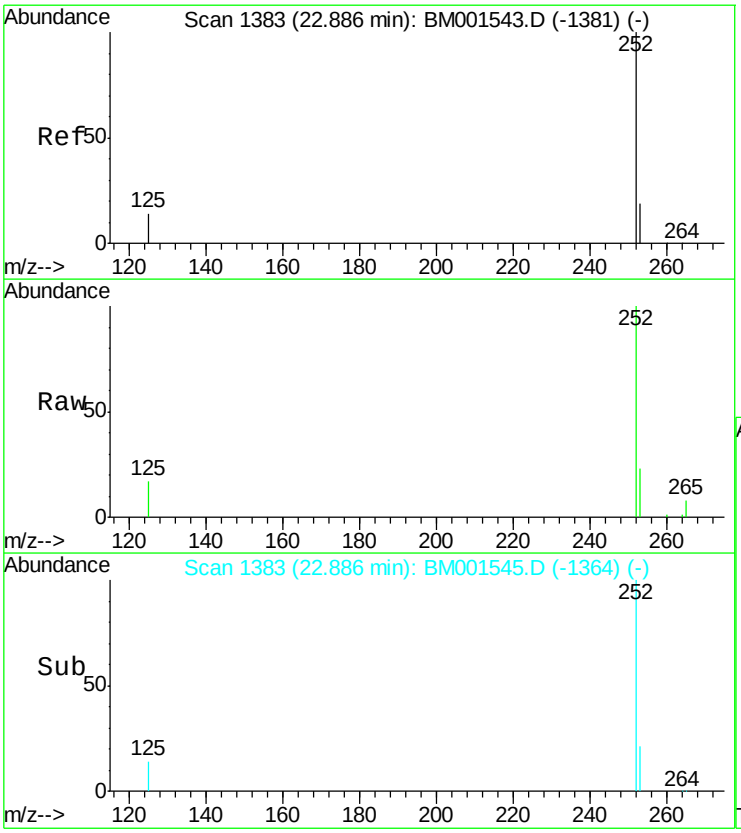
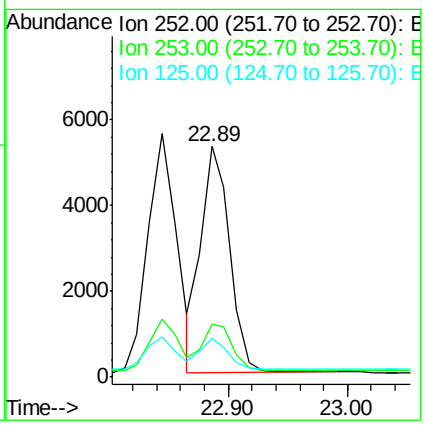
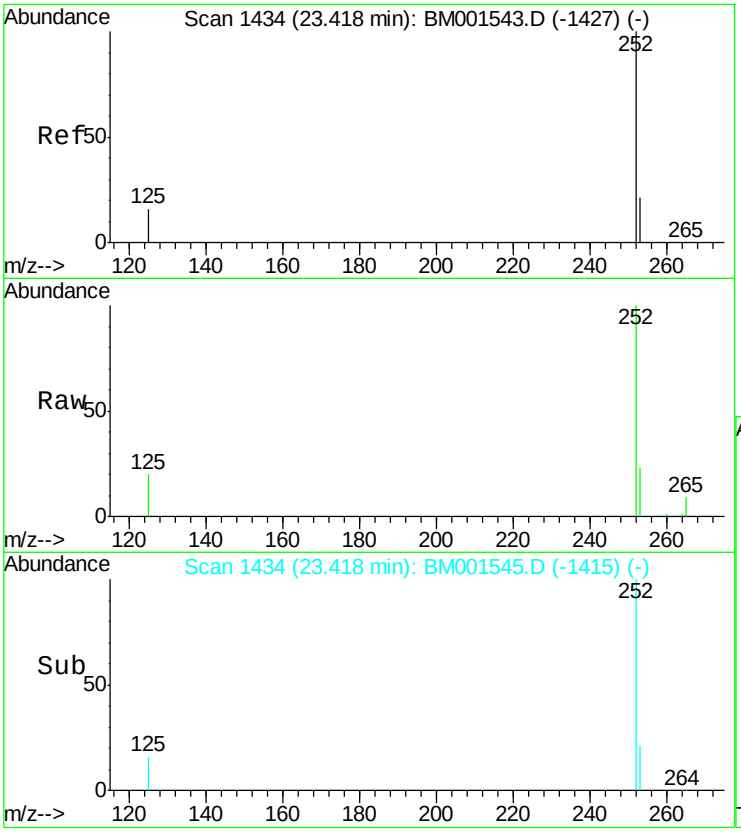


#34
Benzo(k)fluoranthene
Concen: 0.53 ng
RT: 22.89 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:252 Resp: 8840

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	17.1	12.5	18.7

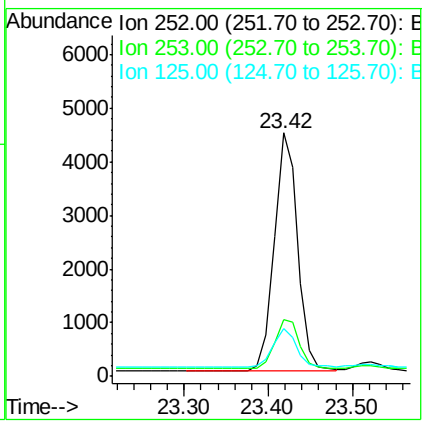




#35
Benzo(a)pyrene
Concen: 0.53 ng
RT: 23.42 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:252 Resp: 8566

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	19.6	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

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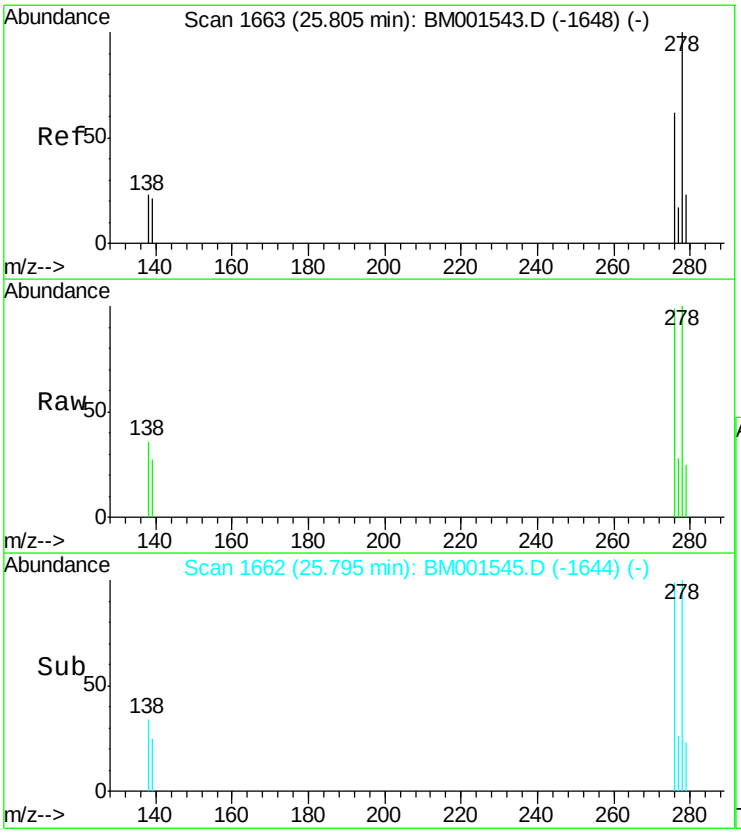
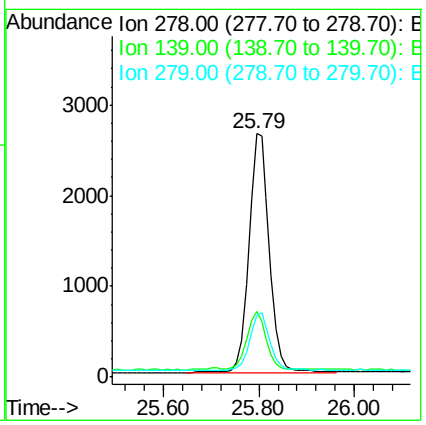
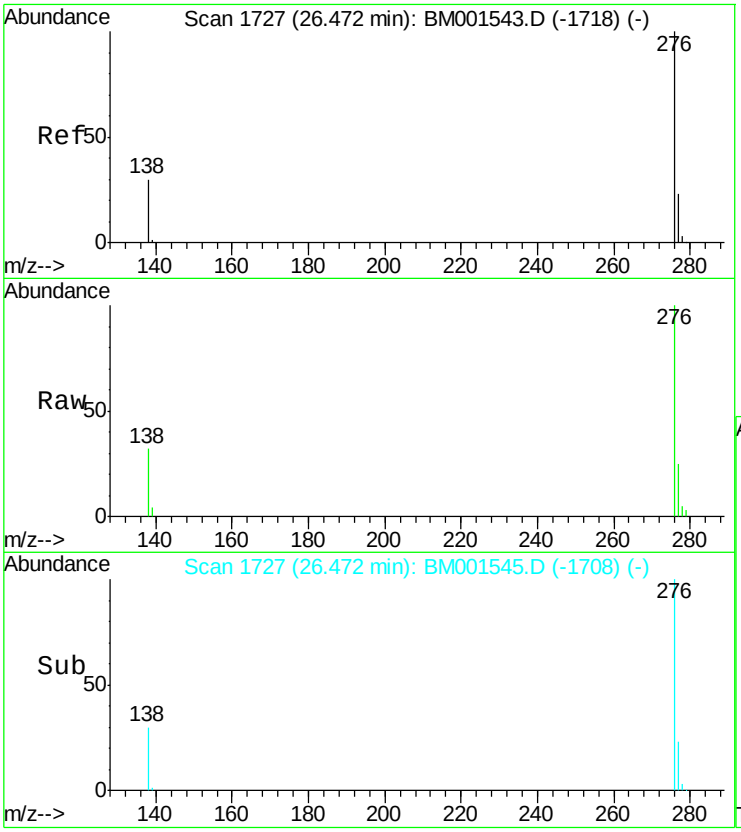


#36
Dibenzo(a,h)anthracene
Concen: 0.49 ng
RT: 25.79 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:278 Resp: 7844

Ion	Ratio	Lower	Upper
278	100		
139	27.2	18.0	27.0#
279	25.2	19.8	29.8

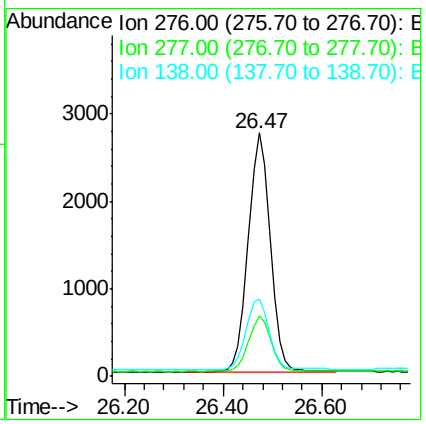




#37
Benzo(g,h,i)perylene
Concen: 0.49 ng
RT: 26.47 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM001545.D
Acq: 03 Jun 2015 21:23

Tgt Ion:276 Resp: 8265

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	32.0	25.0	37.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Manual Integrations APPROVED
apatel
6/5/2015 8:04:15 AM