Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060315\
Data File : BM001547.D
Acq On : 03 Jun 2015 22:35
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.1

Manual Integrations APPROVED
apatel
6/5/2015 8:04:33 AM

Quant Time: Jun 04 04:05:04 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	23720	5.00	ng		0.00
6) Naphthalene-d8	10.49	136	82045	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	39034	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	84372	5.00	ng		0.00
25) Chrysene-d12	21.28	240	66813	5.00	ng		0.00
32) Perylene-d12	23.52	264	61998	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	542	0.10	ng		0.00
5) Phenol-d6	6.86	99	659	0.10	ng		0.00
7) Nitrobenzene-d5	8.86	82	584	0.11	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	167	0.20	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	1197	0.10	ng		0.00
27) Terphenyl-d14	19.73	244	824	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	341	0.14	ng	#	84
3) n-Nitrosodimethylamine	3.52	42	405	0.12	ng	#	85
8) Nitrobenzene	8.90	77	601	0.11	ng		99
9) Naphthalene	10.52	128	1818	0.11	ng	#	90
10) Hexachlorobutadiene	10.82	225	308	0.10	ng		96
11) 2-Methylnaphthalene	12.16	142	1101	0.10	ng		97
15) Acenaphthylene	14.06	152	1643	0.10	ng		99
16) Acenaphthene	14.41	154	1031	0.10	ng		97
17) Fluorene	15.39	166	791	0.05	ng		95
19) 4-Bromophenyl-phenylether	16.27	248	397	0.27	ng		94
20) Hexachlorobenzene	16.41	284	198	0.07	ng	#	100
21) Pentachlorophenol	16.75	266	96	0.07	ng	#	83
22) Phenanthrene	17.12	178	2748	0.17	ng		96
23) Anthracene	17.23	178	1264m	0.07	ng		
24) Fluoranthene	19.15	202	1938	0.13	ng		99
26) Pyrene	19.52	202	2048	0.10	ng		98
28) Benzo(a)anthracene	21.27	228	1997	0.11	ng		95
29) Chrysene	21.31	228	1809	0.11	ng	#	96
30) Bis(2-ethylhexyl)phthalate	21.19	149	1510	0.12	ng	#	98
31) Indeno(1,2,3-cd)pyrene	25.77	276	1970	0.10	ng		99
33) Benzo(b)fluoranthene	22.84	252	1818	0.10	ng	#	75
34) Benzo(k)fluoranthene	22.89	252	1623	0.10	ng	#	76
35) Benzo(a)pyrene	23.42	252	1622	0.11	ng	#	68
36) Dibenzo(a,h)anthracene	25.79	278	1531	0.10	ng	#	77
37) Benzo(g,h,i)perylene	26.47	276	1645	0.11	ng	#	83

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060315\
Data File : BM001547.D
Acq On : 03 Jun 2015 22:35
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 04 04:05:04 2015
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QLast Update : Thu Jun 04 03:14:13 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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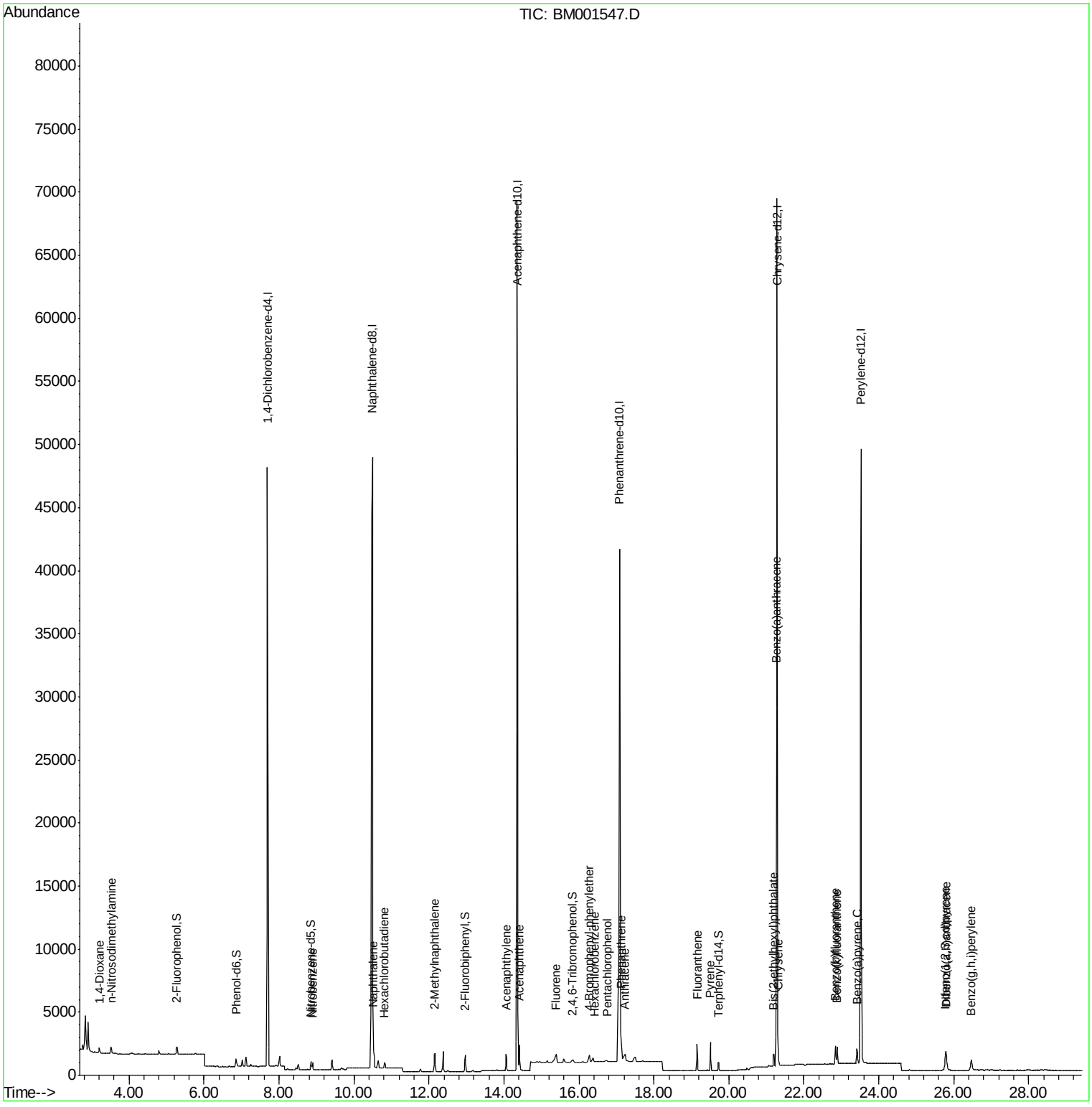
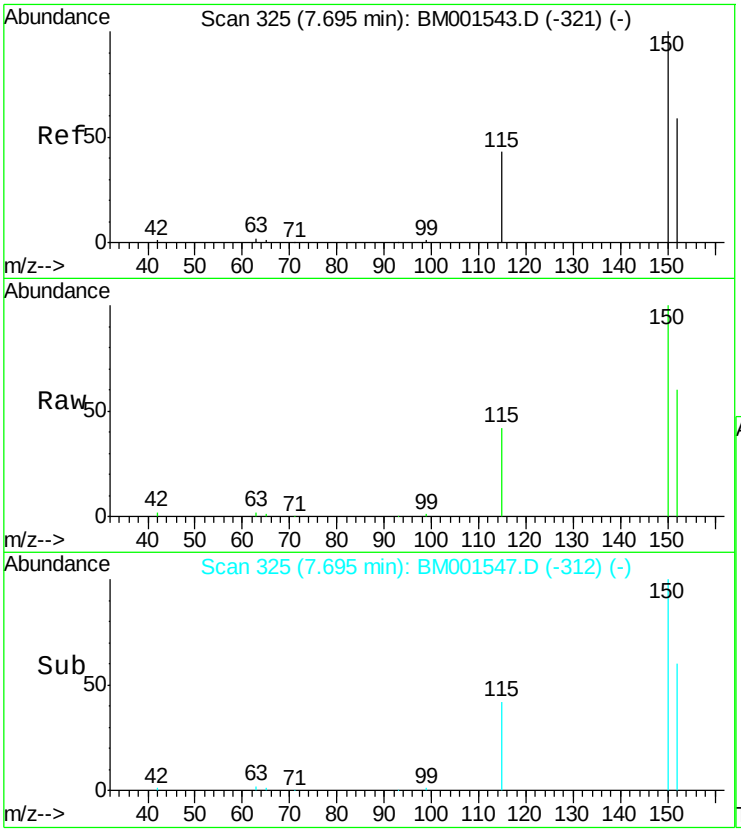
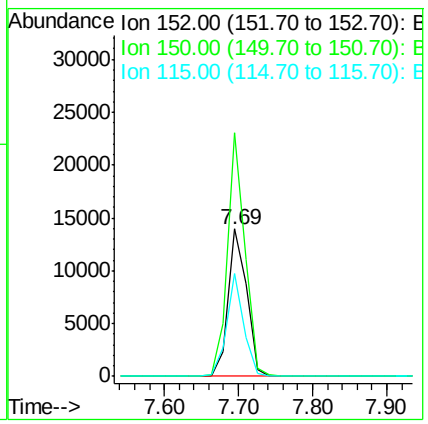




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:152 Resp: 23720

Ion	Ratio	Lower	Upper
152	100		
150	165.3	135.0	202.4
115	69.8	57.8	86.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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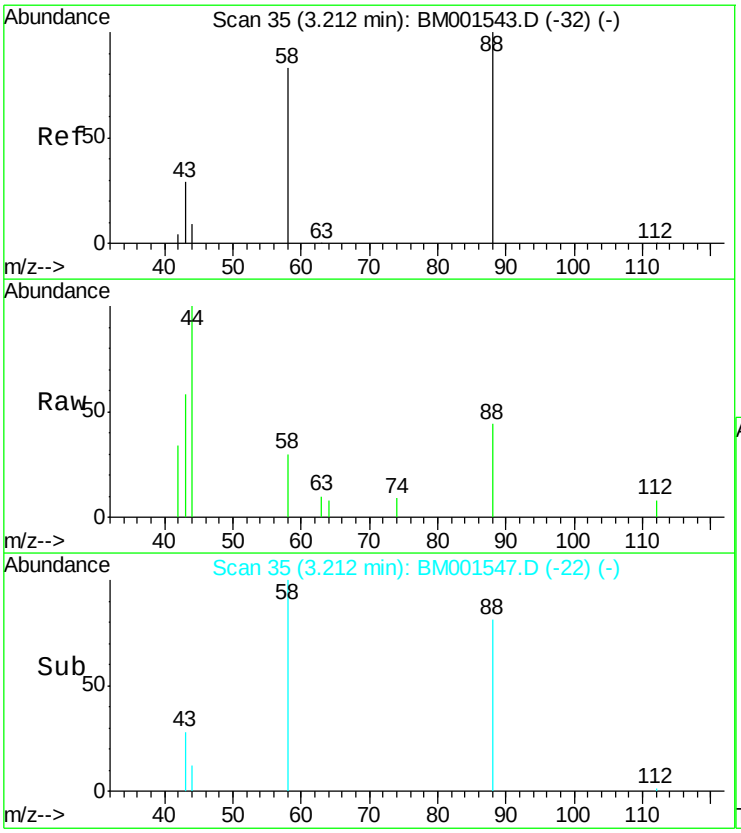
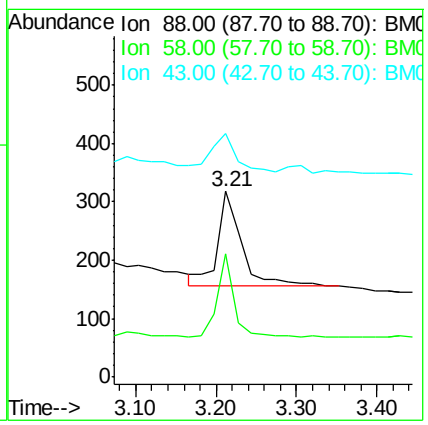
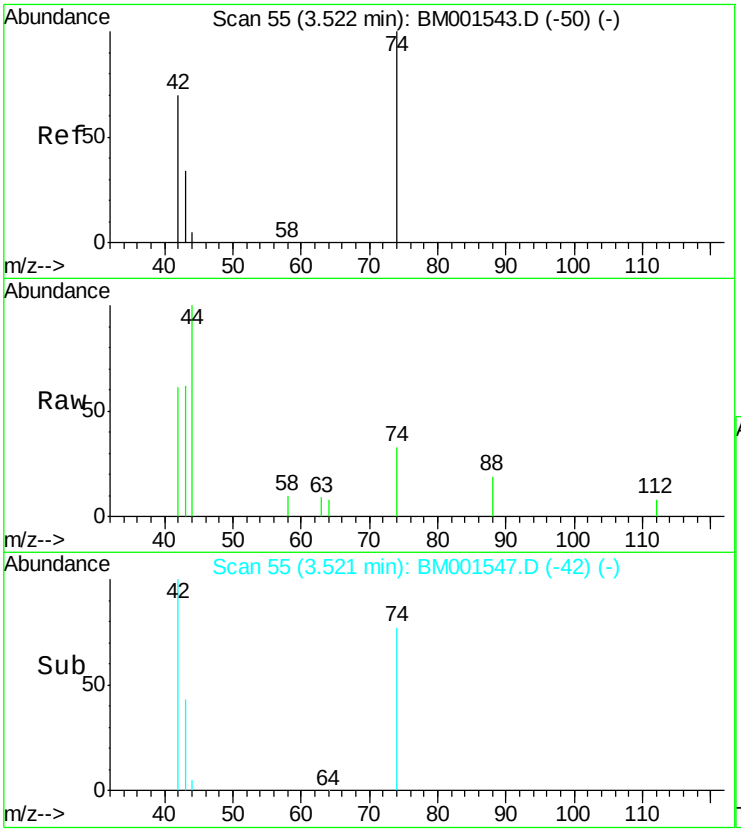


#2
1,4-Dioxane
Concen: 0.14 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion: 88 Resp: 341

Ion	Ratio	Lower	Upper
88	100		
58	61.9	65.0	97.4#
43	41.1	31.1	46.7





#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.52 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion: 42 Resp: 405

Ion	Ratio	Lower	Upper
42	100		
74	89.6	82.0	123.0
44	22.0	5.8	8.6#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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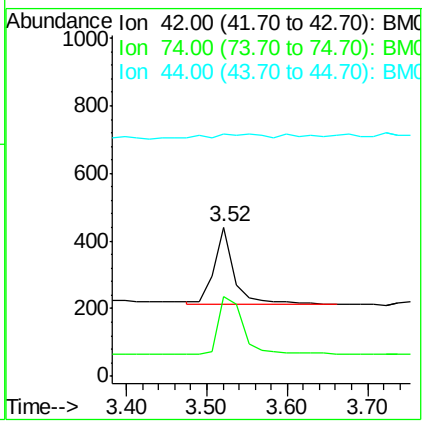
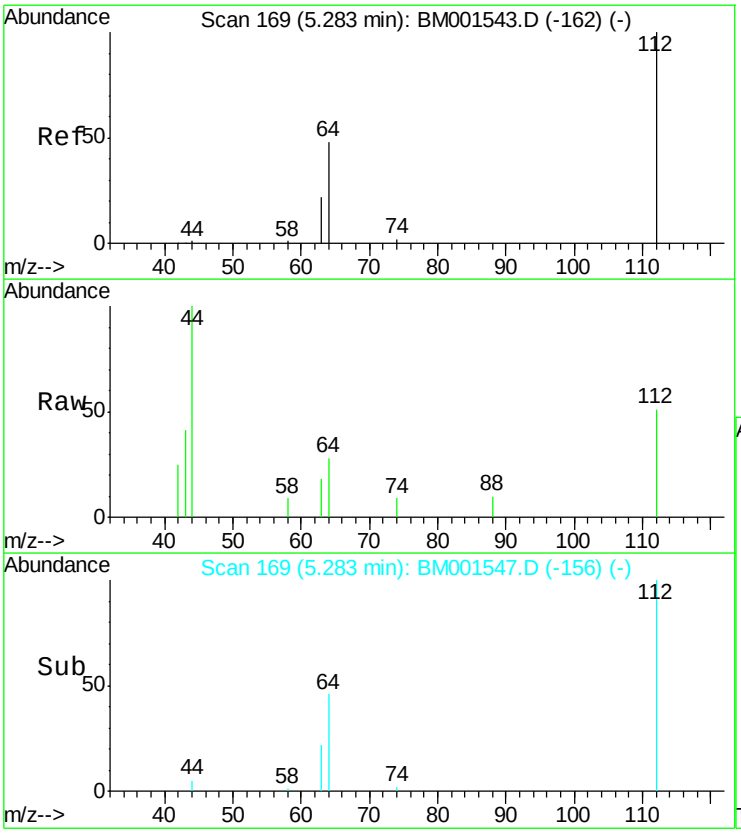
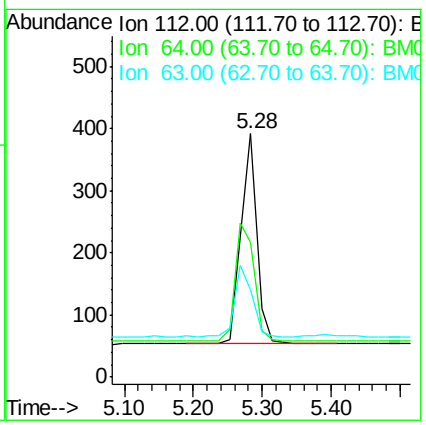


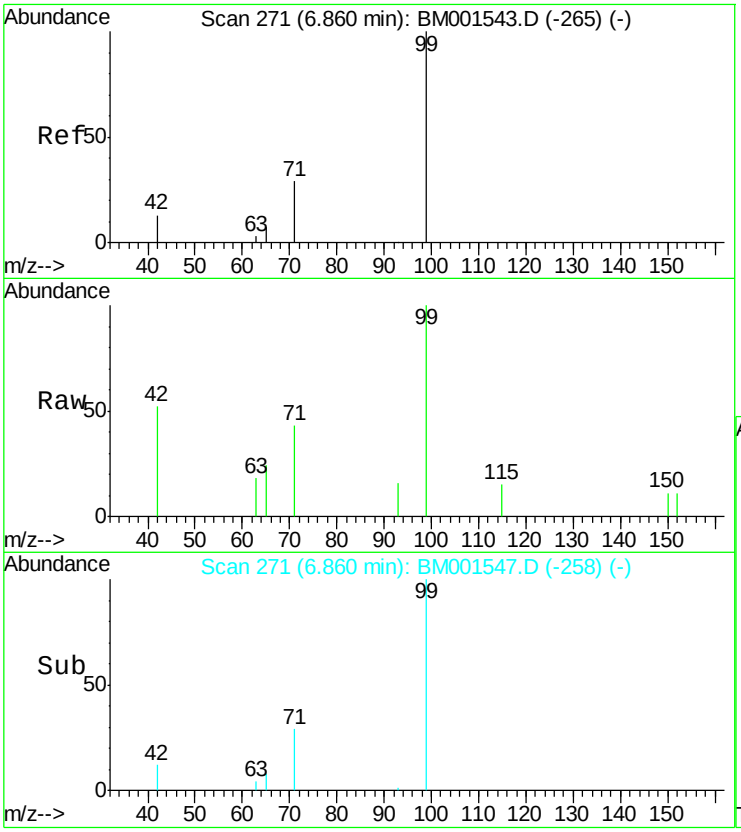


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:112 Resp: 542

Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.0	79.4
63	36.9	29.2	43.8

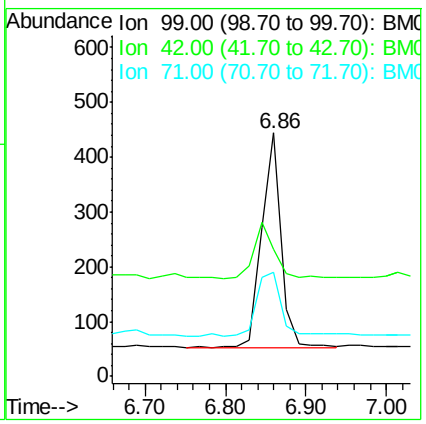




#5
Phenol-d6
Concen: 0.10 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion: 99 Resp: 659

Ion	Ratio	Lower	Upper
99	100		
42	30.5	20.9	31.3
71	39.3	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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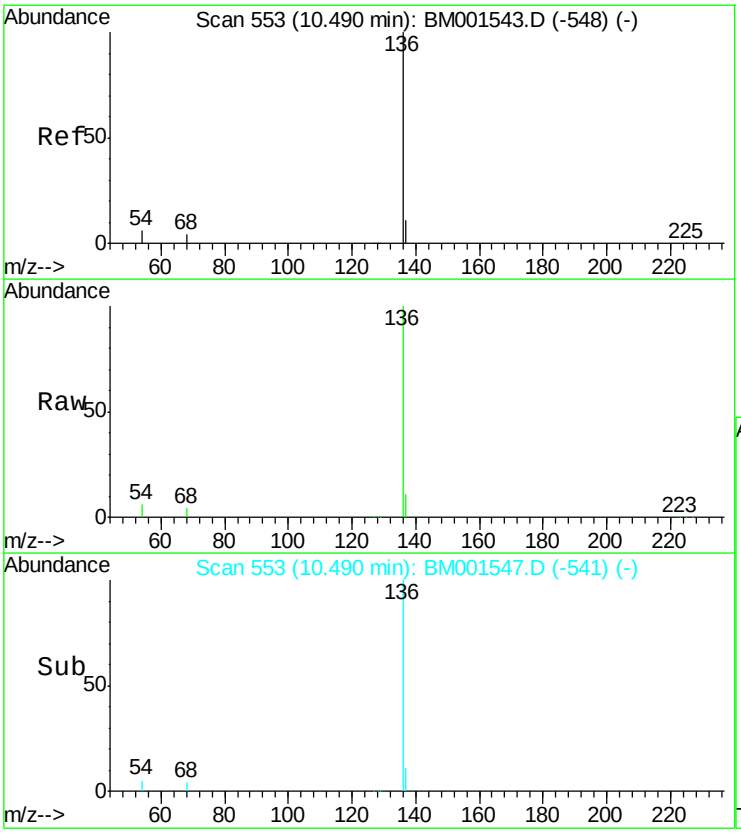
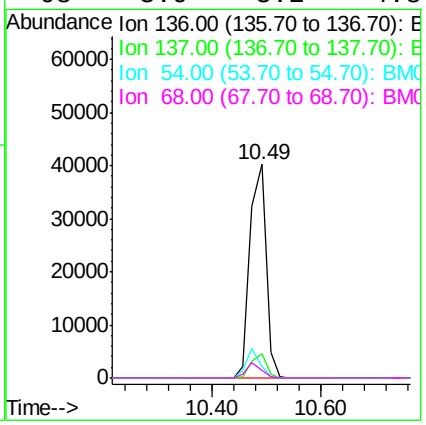
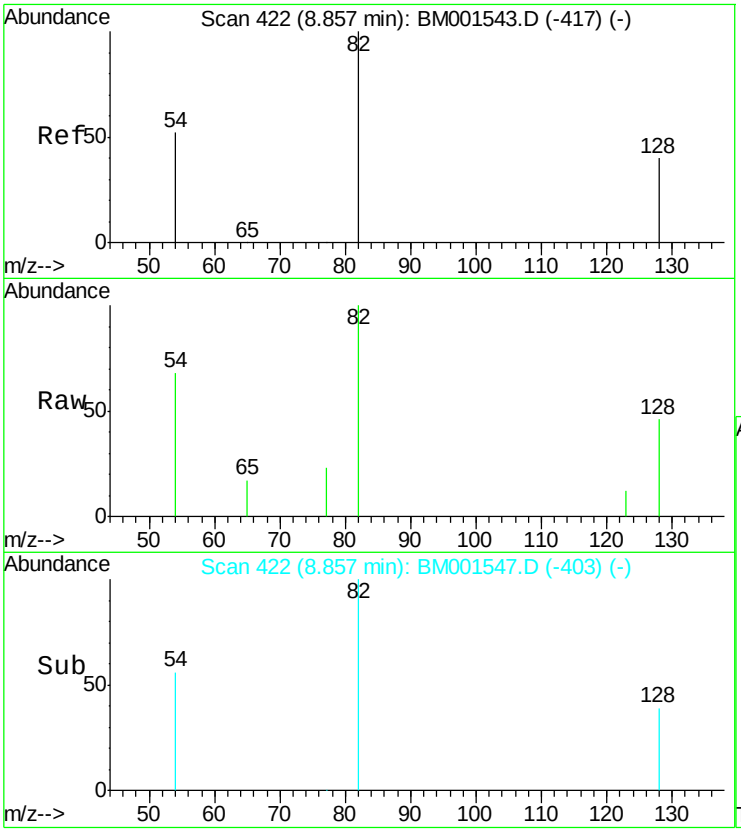


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:136 Resp: 82045

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	5.6	4.6	6.8
68	3.9	3.2	4.8

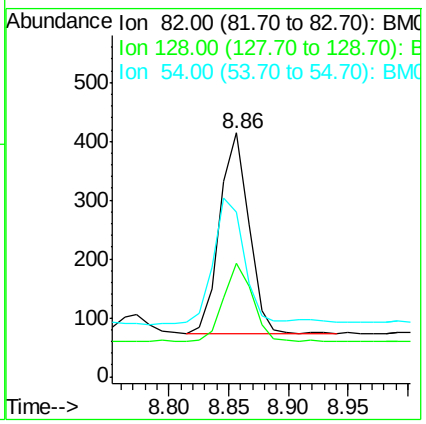




#7
Nitrobenzene-d5
Concen: 0.11 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion: 82 Resp: 584

Ion	Ratio	Lower	Upper
82	100		
128	46.4	32.3	48.5
54	67.6	43.0	64.4#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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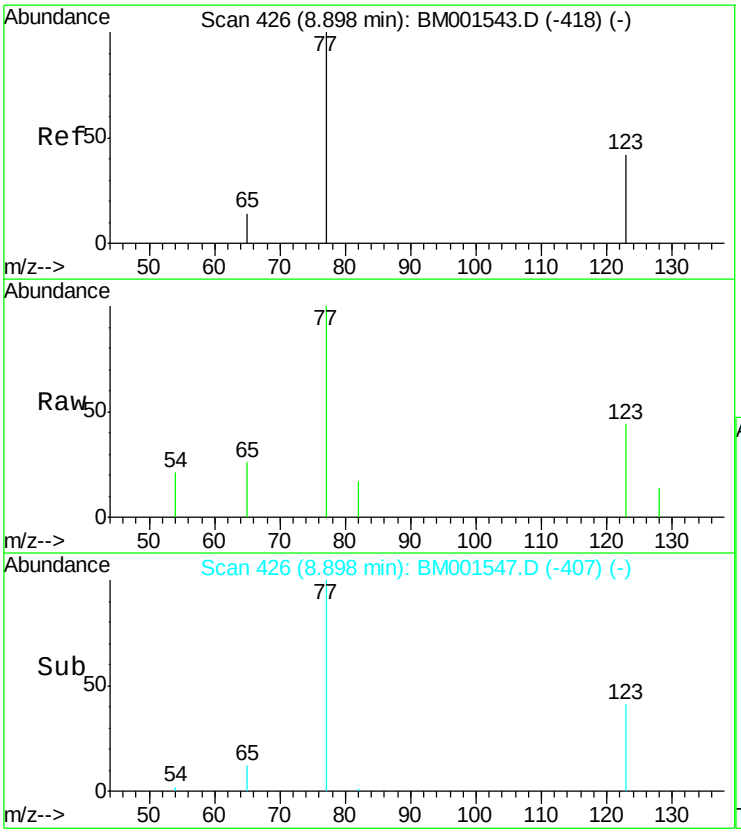
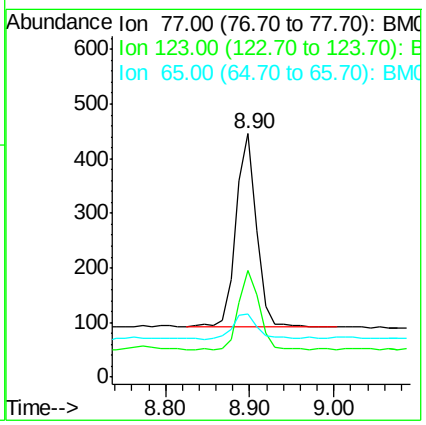
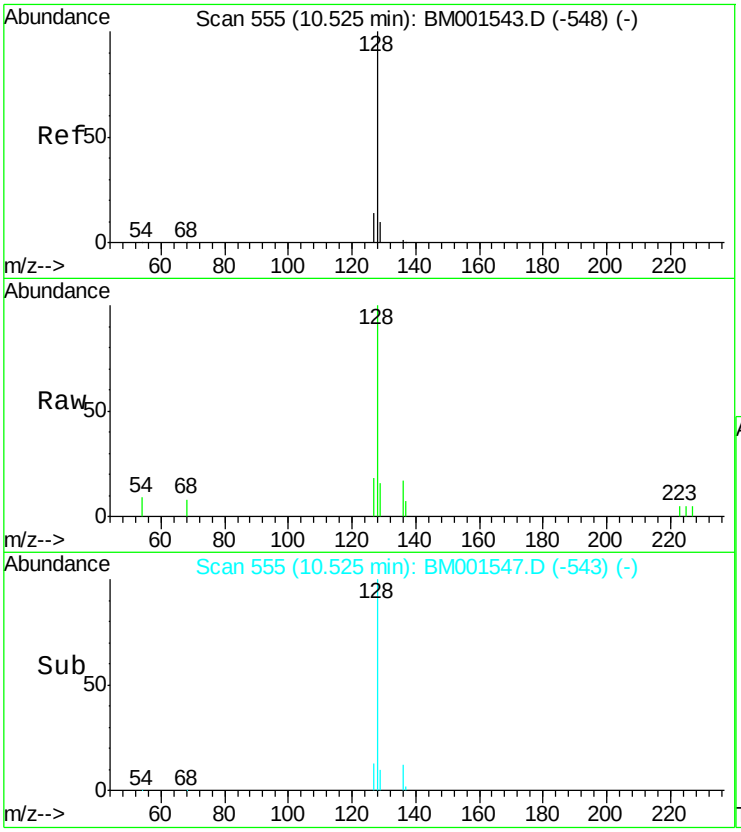


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.90 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion: 77 Resp: 601

Ion	Ratio	Lower	Upper
77	100		
123	40.3	32.5	48.7
65	15.8	11.8	17.6

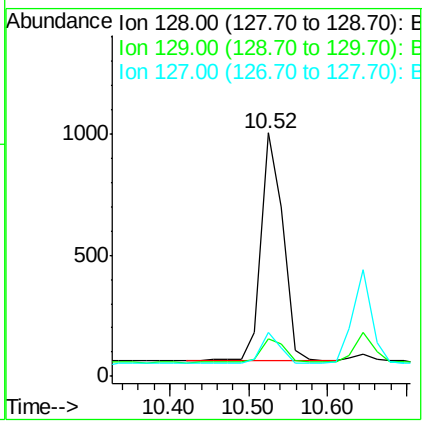




#9
Naphthalene
Concen: 0.11 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:128 Resp: 1818

Ion	Ratio	Lower	Upper
128	100		
129	15.5	8.5	12.7#
127	17.8	11.7	17.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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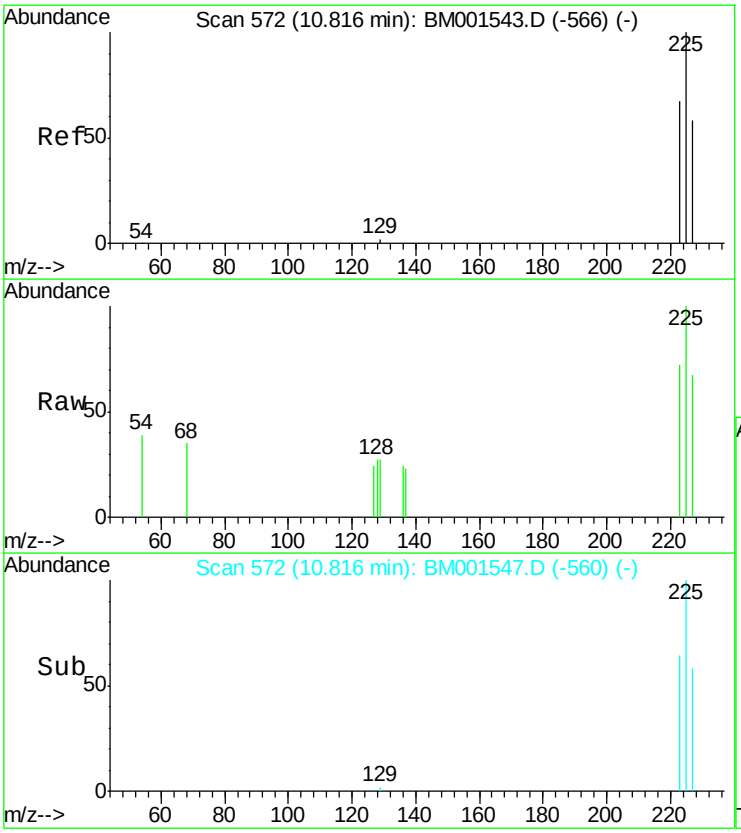
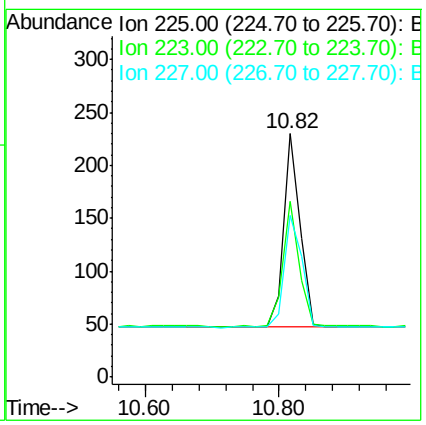
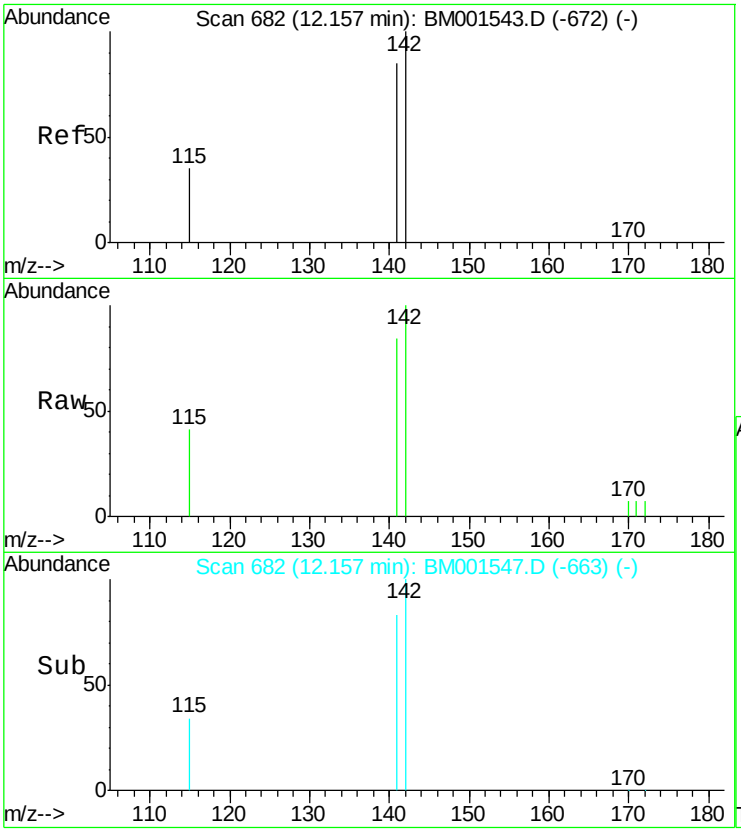


#10
Hexachlorobutadiene
Concen: 0.10 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:225 Resp: 308

Ion	Ratio	Lower	Upper
225	100		
223	65.9	50.2	75.2
227	65.9	50.5	75.7

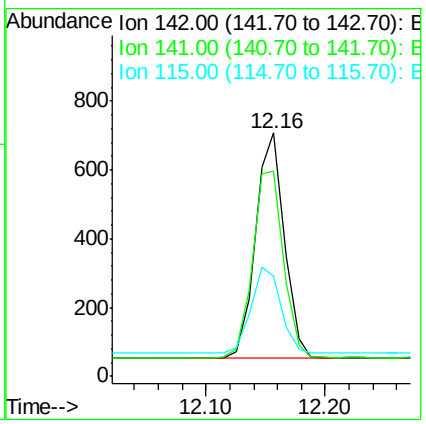




#11
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.16 min Scan# 682
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:142 Resp: 1101

Ion	Ratio	Lower	Upper
142	100		
141	84.5	68.1	102.1
115	41.2	28.3	42.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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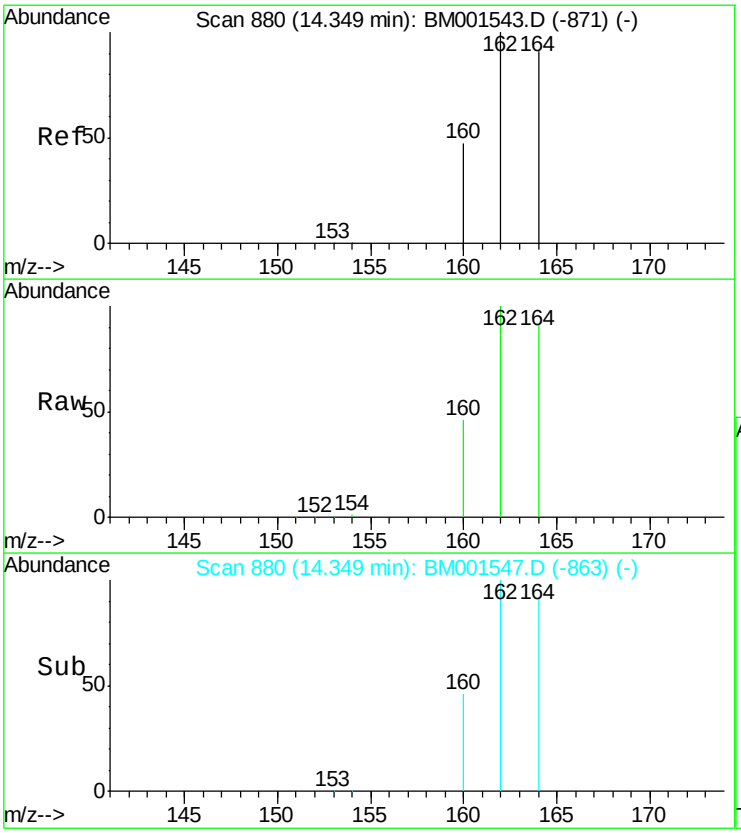
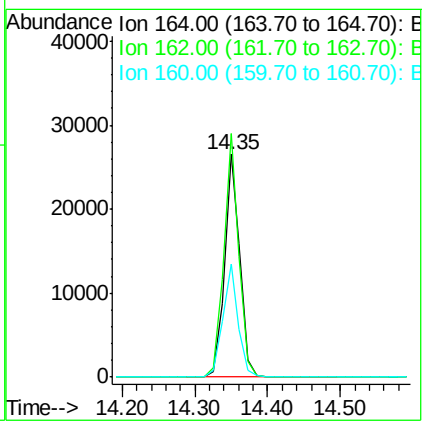
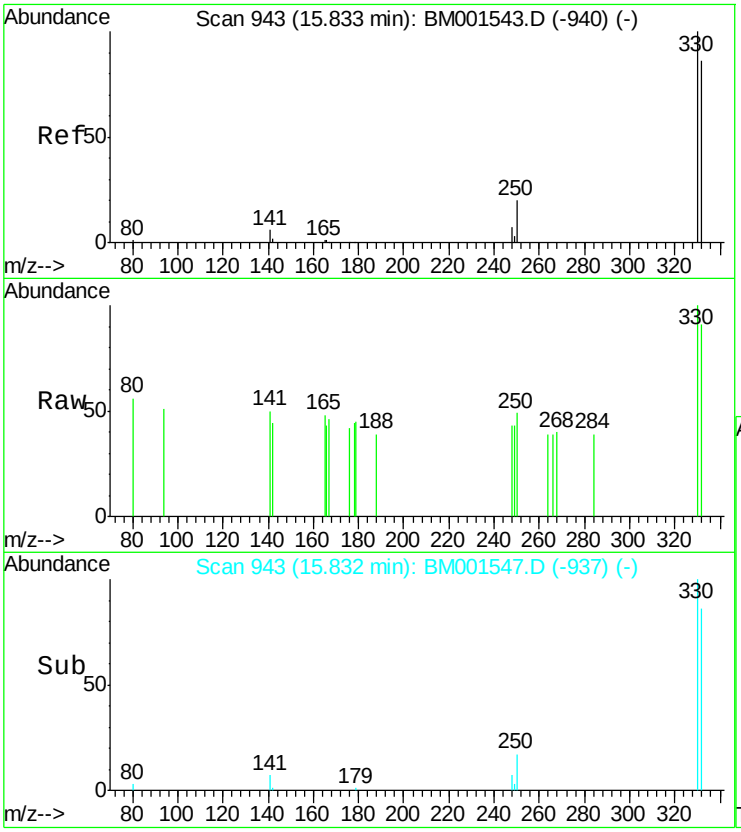


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:164 Resp: 39034

Ion	Ratio	Lower	Upper
164	100		
162	109.4	88.0	132.0
160	50.7	41.0	61.4

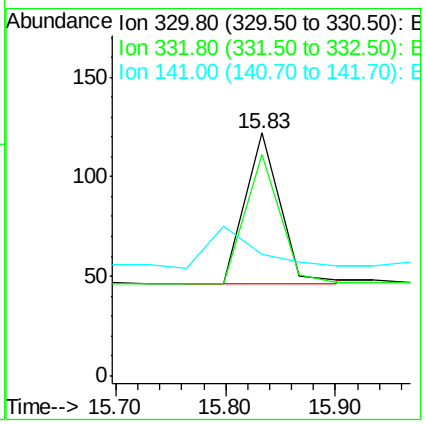




#13
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

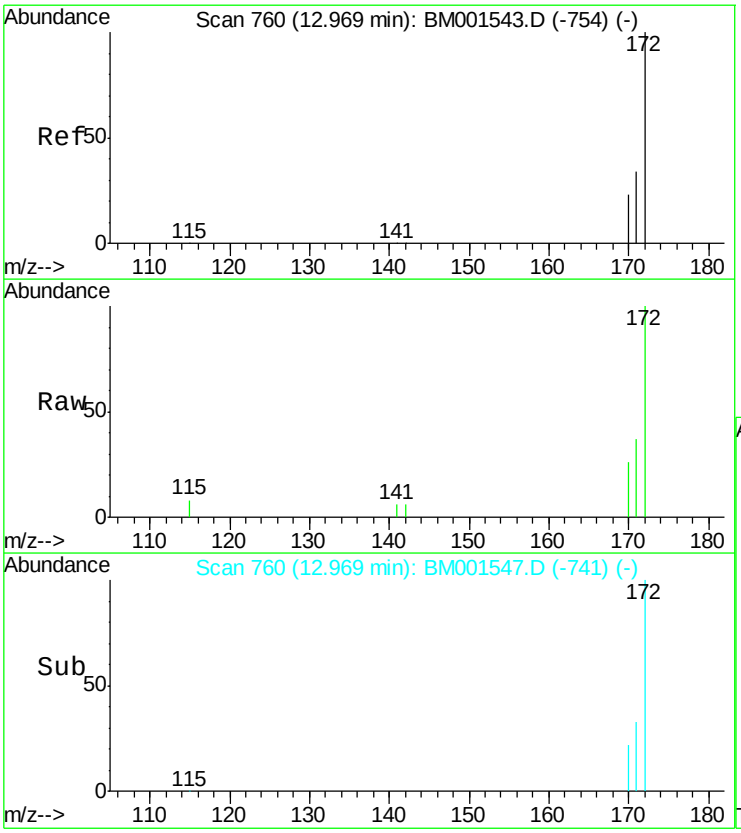
Tgt Ion:330 Resp: 167

Ion	Ratio	Lower	Upper
330	100		
332	86.8	69.6	104.4
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

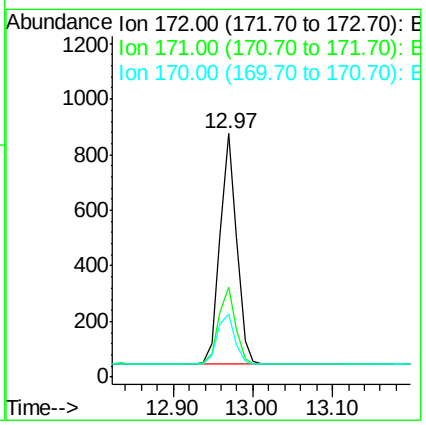
Manual Integrations APPROVED
apatel
6/5/2015 8:04:33 AM

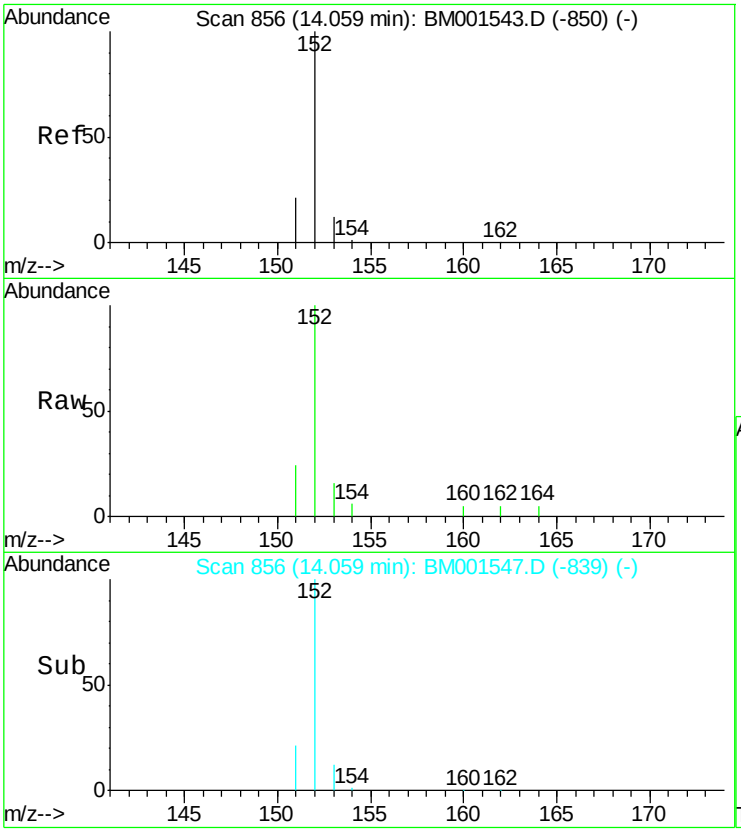


#14
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:172 Resp: 1197

Ion	Ratio	Lower	Upper
172	100		
171	37.0	27.6	41.4
170	26.1	18.4	27.6

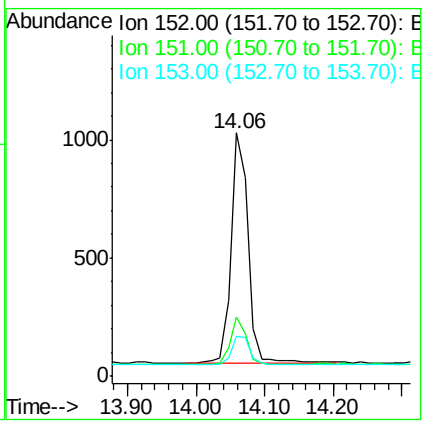




#15
Acenaphthylene
Concen: 0.10 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:152 Resp: 1643

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.3	22.9
153	13.3	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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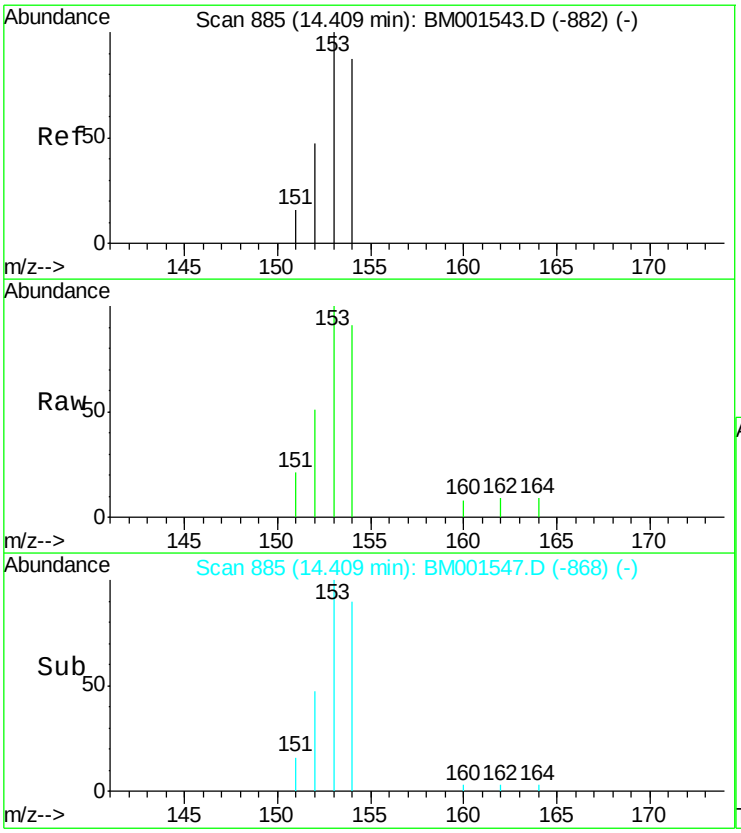
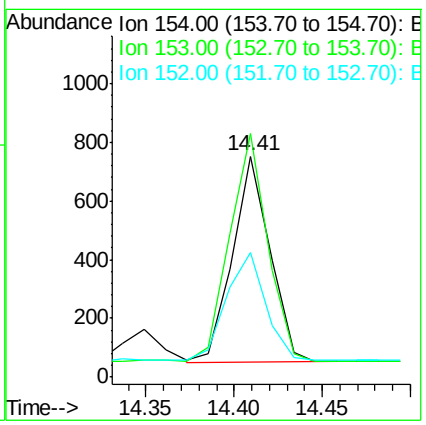
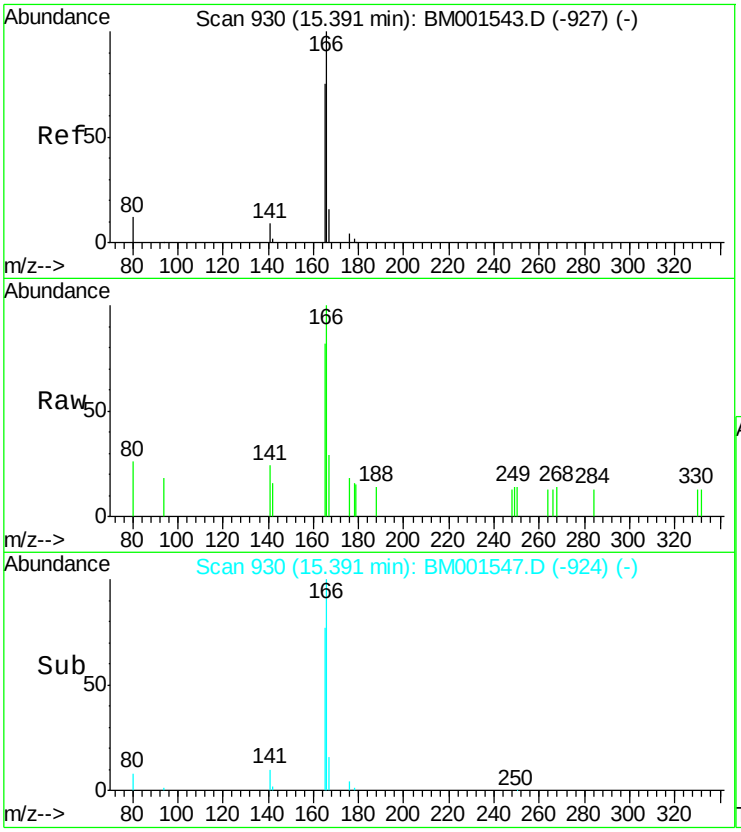


#16
Acenaphthene
Concen: 0.10 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:154 Resp: 1031

Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.8	134.8
152	56.5	43.0	64.6

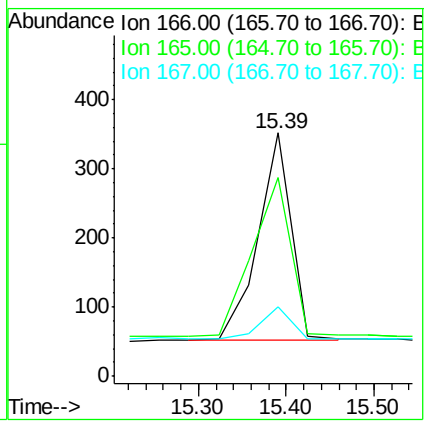




#17
Fluorene
Concen: 0.05 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:166 Resp: 791

Ion	Ratio	Lower	Upper
166	100		
165	89.9	68.2	102.2
167	14.2	12.1	18.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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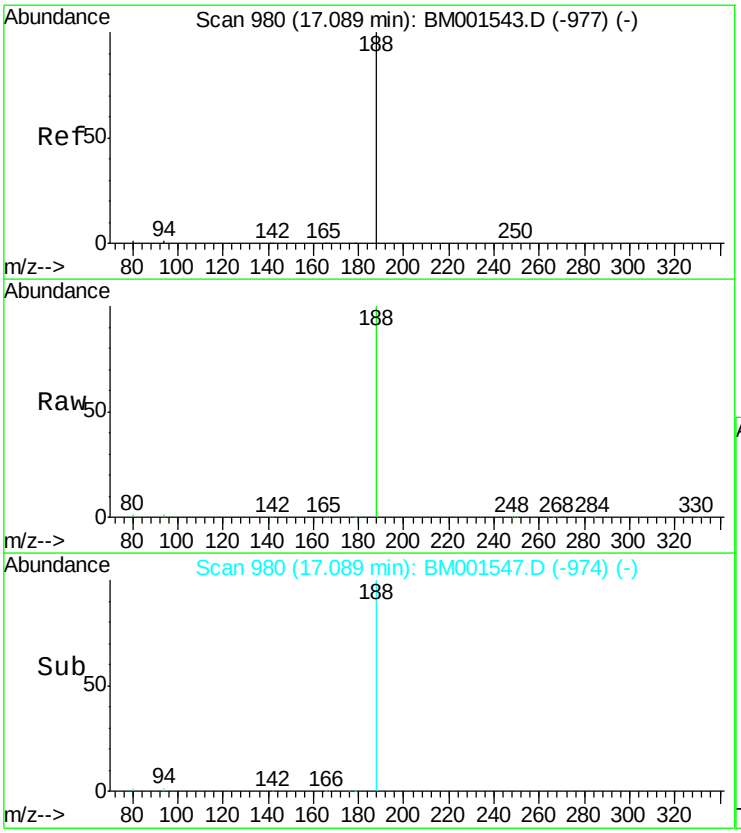
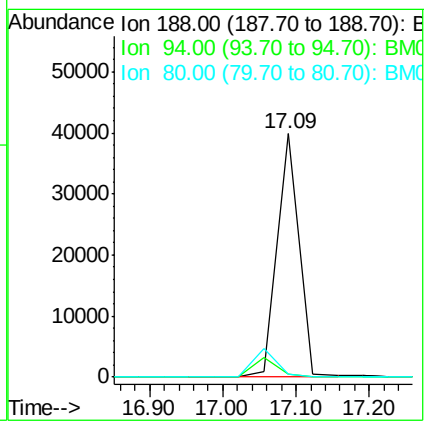
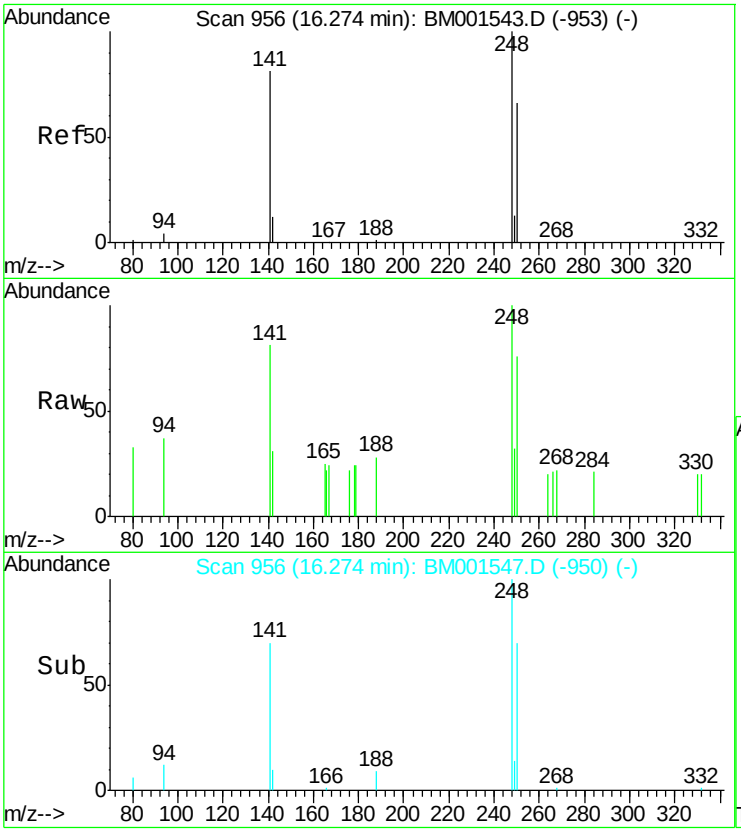


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:188 Resp: 84372

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

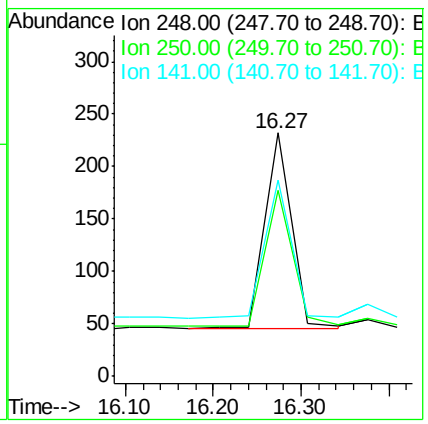




#19
4-Bromophenyl-phenylether
Concen: 0.27 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:248 Resp: 397

Ion	Ratio	Lower	Upper
248	100		
250	70.8	55.2	82.8
141	72.3	64.7	97.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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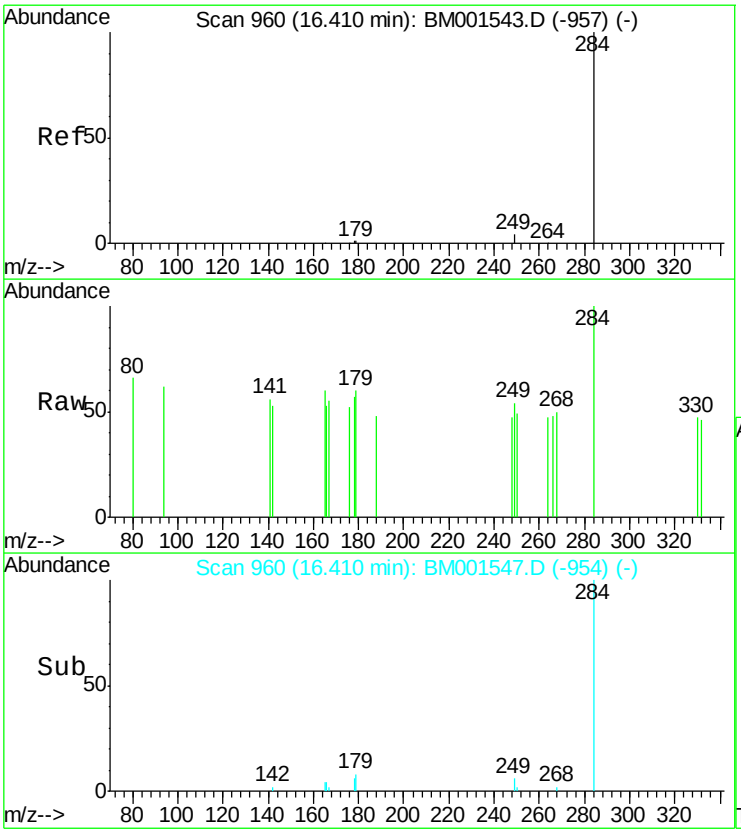
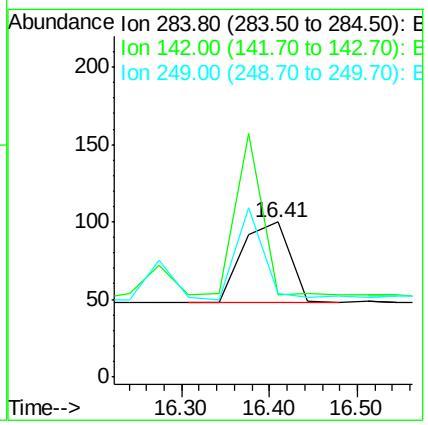
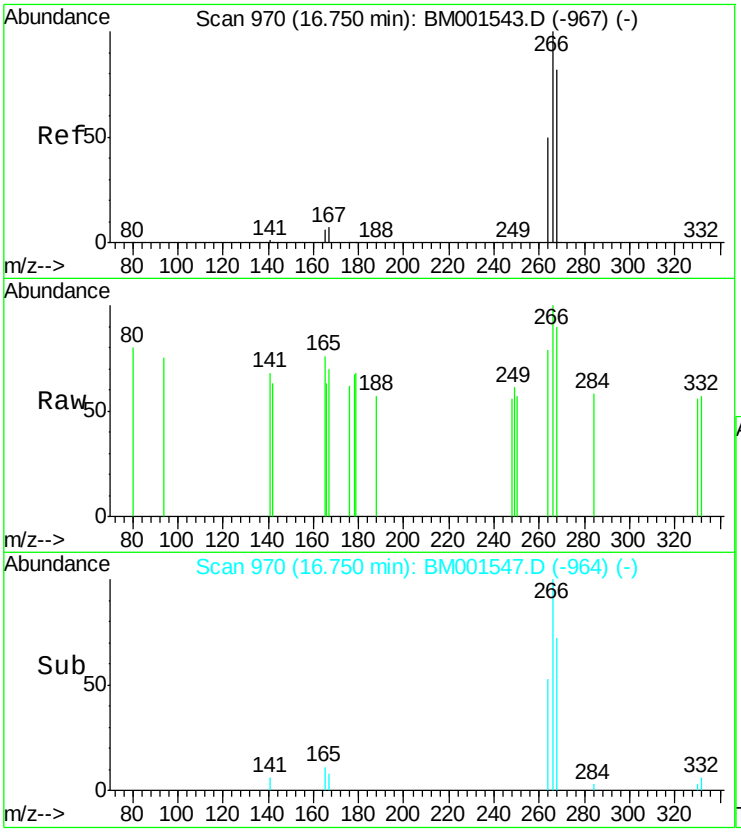


#20
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.41 min Scan# 960
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:284 Resp: 198

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

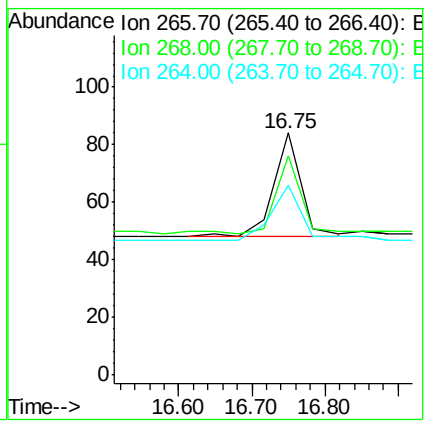




#21
Pentachlorophenol
Concen: 0.07 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:266 Resp: 96

Ion	Ratio	Lower	Upper
266	100		
268	90.5	67.2	100.8
264	78.6	43.7	65.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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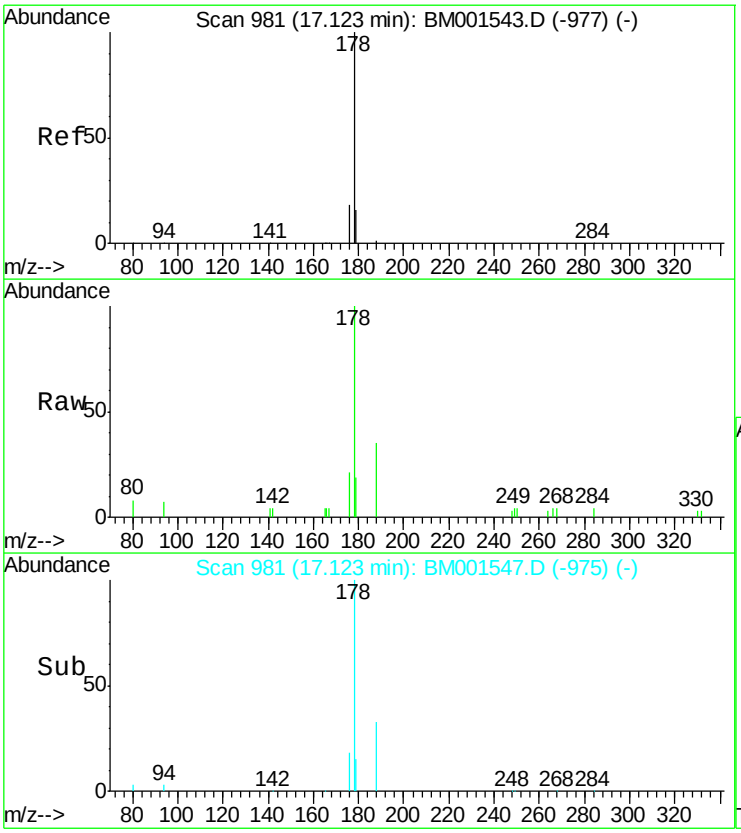
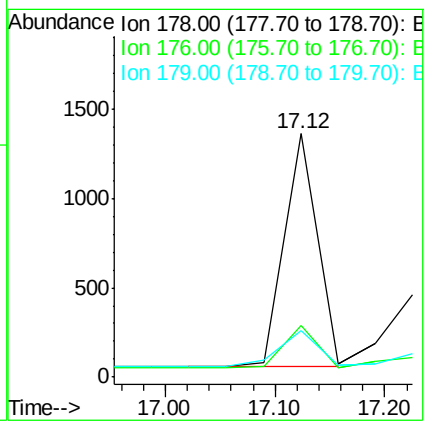
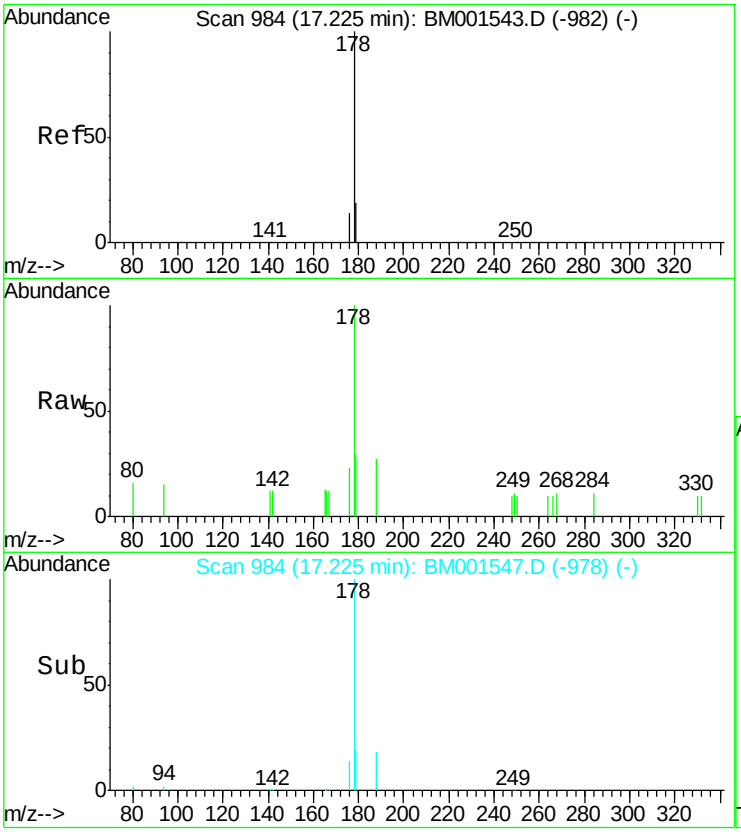


#22
Phenanthrene
Concen: 0.17 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:178 Resp: 2748

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	19.0	12.7	19.1





#23
Anthracene
Concen: 0.07 ng m
RT: 17.23 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:178 Resp: 1264

Ion	Ratio	Lower	Upper
178	100		
176	0.0	36.6	54.8#
179	11.9	28.7	43.1#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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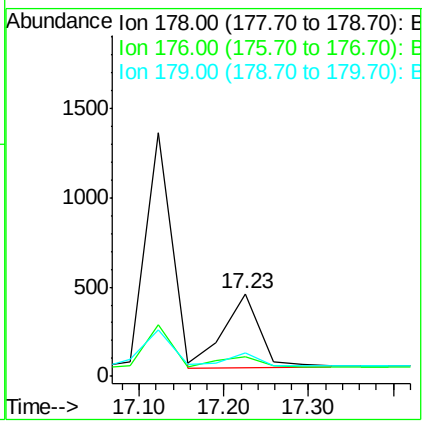
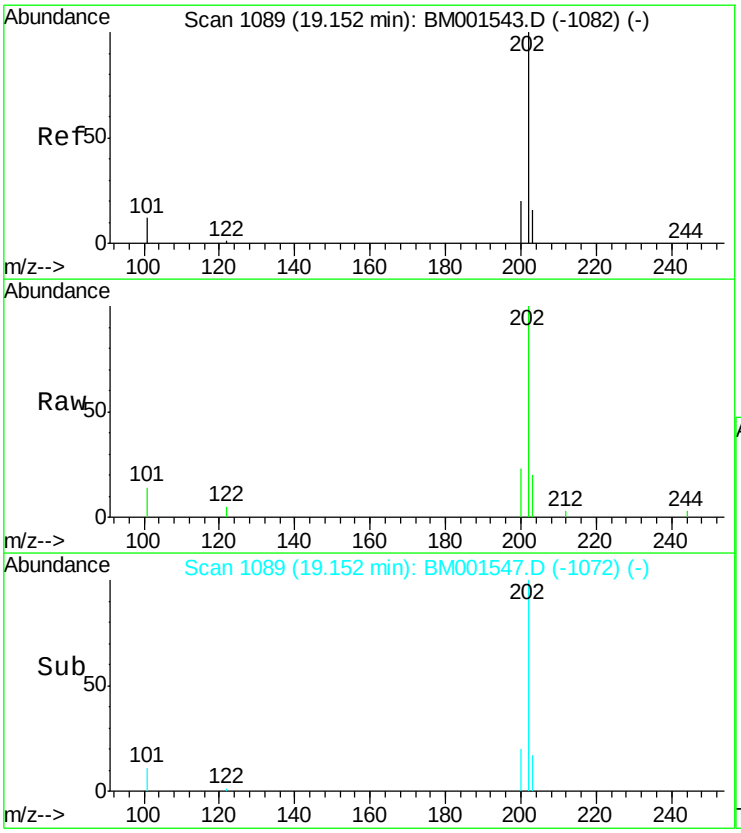
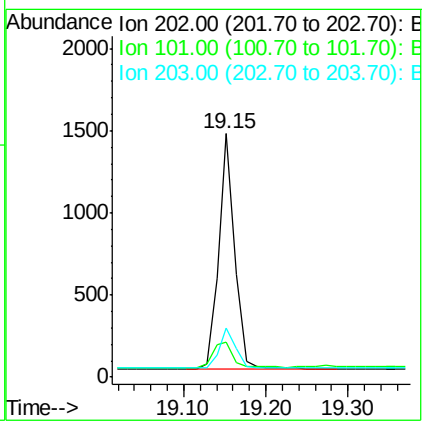


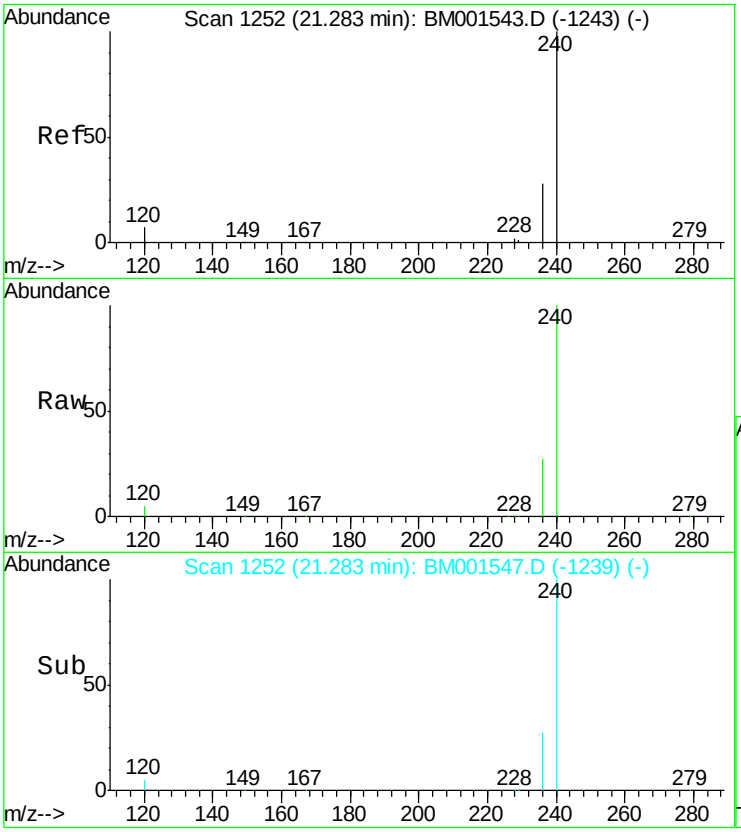


#24
Fluoranthene
Concen: 0.13 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:202 Resp: 1938

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.2	15.2
203	17.8	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: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:240 Resp: 66813

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.6	8.4#
236	26.7	22.4	33.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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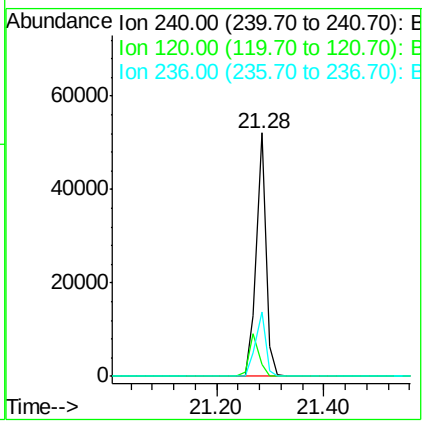
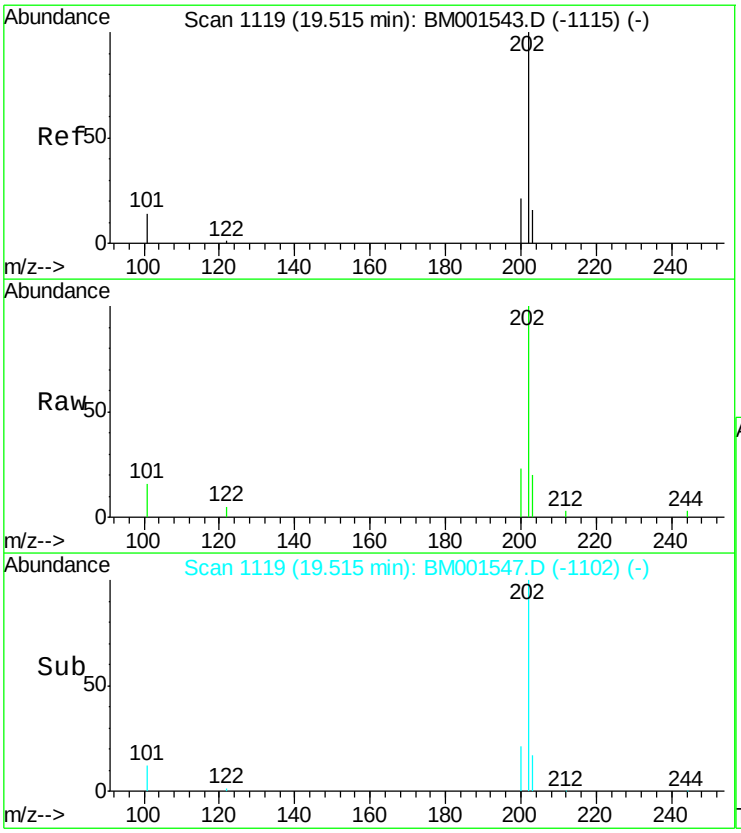
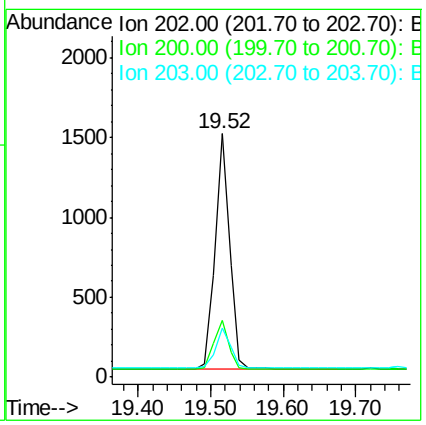


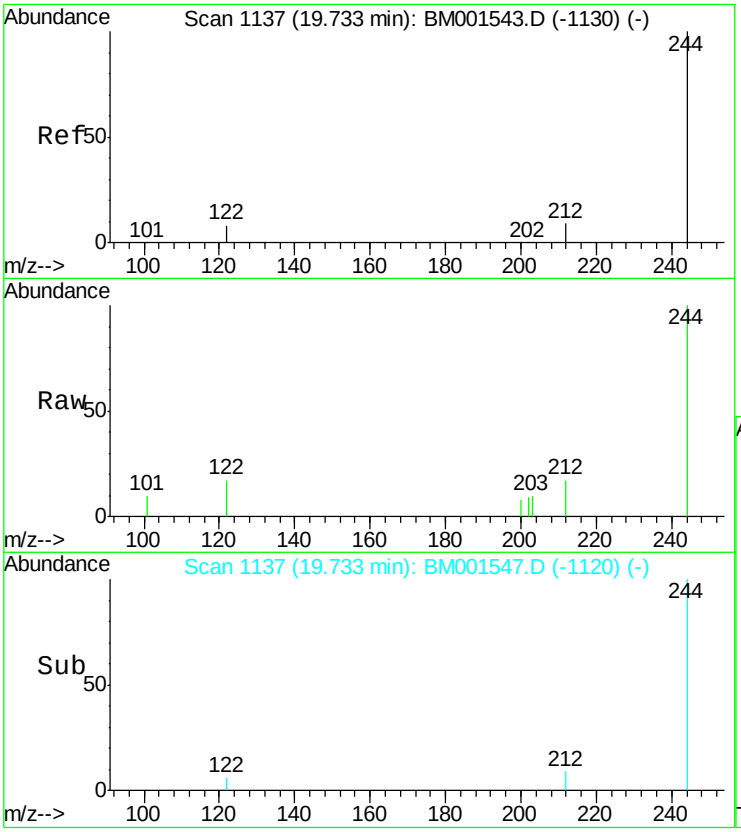


#26
Pyrene
Concen: 0.10 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:202 Resp: 2048

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	19.1	13.8	20.8





#27
Terphenyl-d14
Concen: 0.10 ng
RT: 19.73 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:244 Resp: 824

Ion	Ratio	Lower	Upper
244	100		
212	16.7	8.0	12.0#
122	17.0	7.3	10.9#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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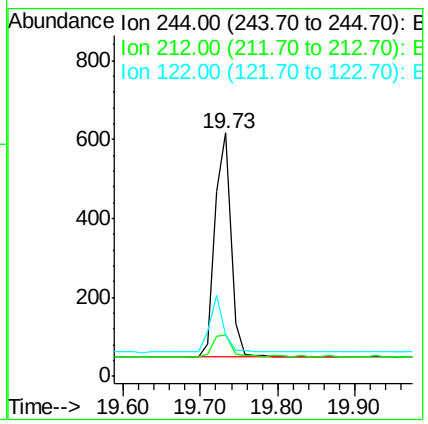
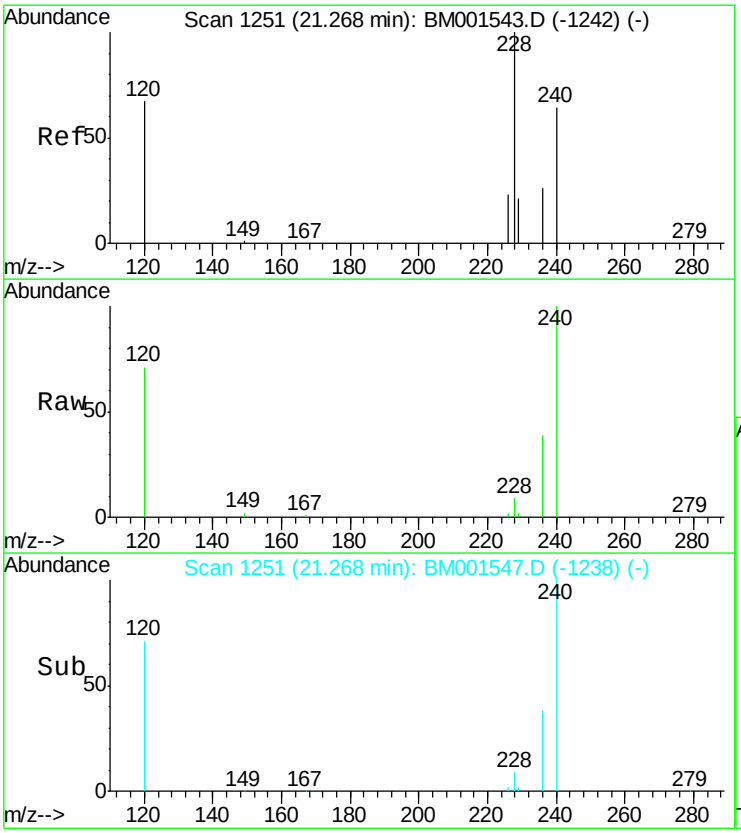
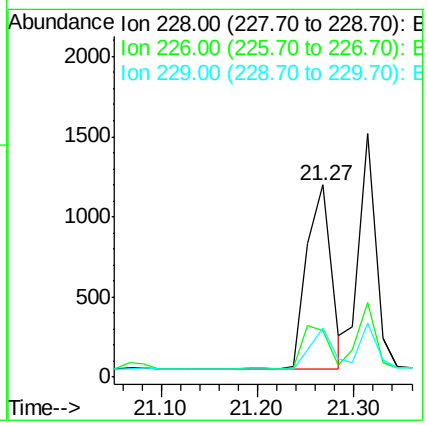


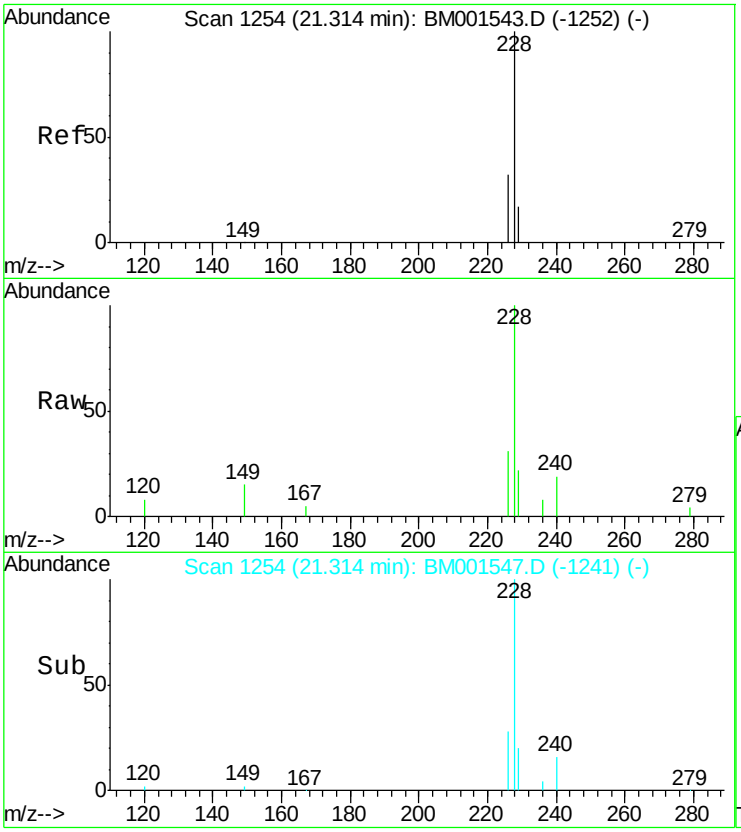


#28
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:228 Resp: 1997

Ion	Ratio	Lower	Upper
228	100		
226	24.5	19.0	28.4
229	25.3	16.9	25.3





#29
Chrysene
Concen: 0.11 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:228 Resp: 1809

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.2	37.8
229	22.4	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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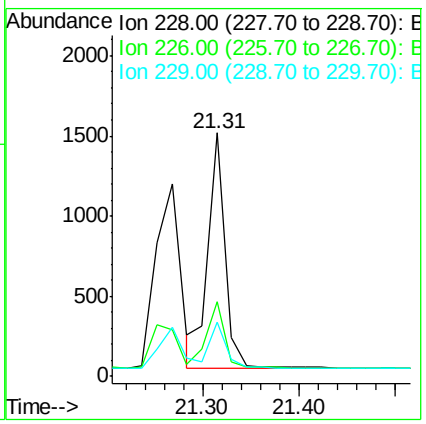
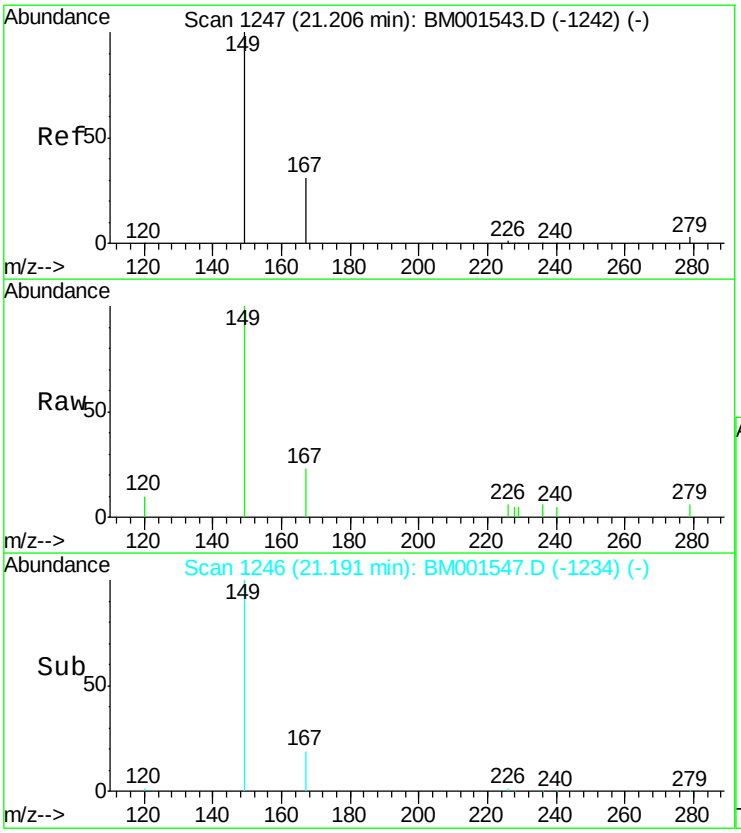
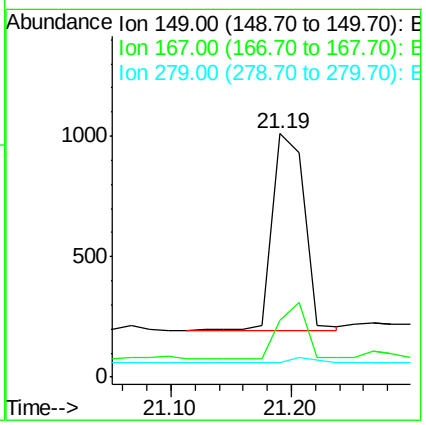


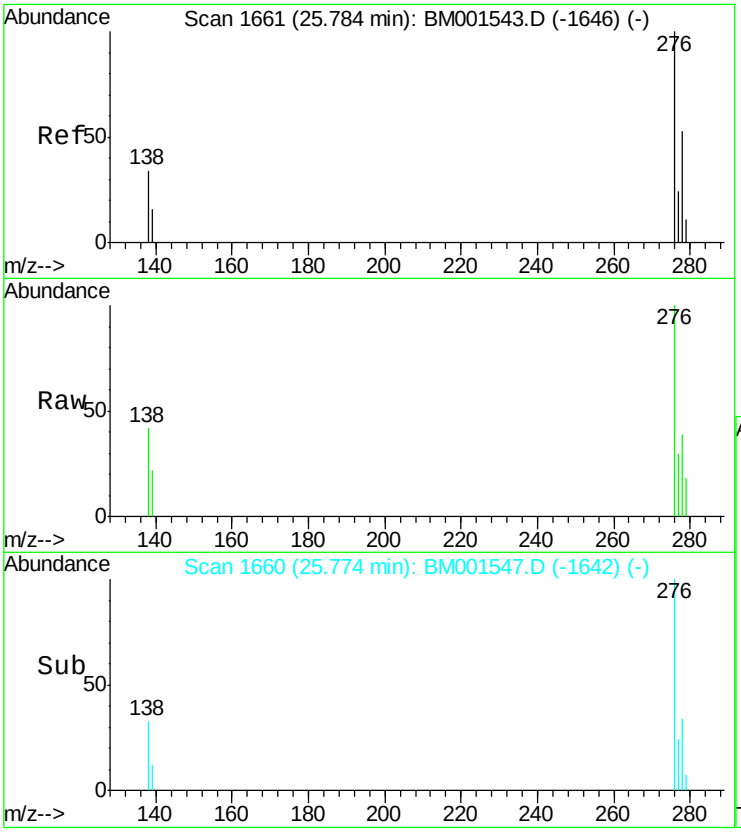


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.19 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:149 Resp: 1510

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.5	30.7
279	3.1	1.7	2.5#





#31
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.77 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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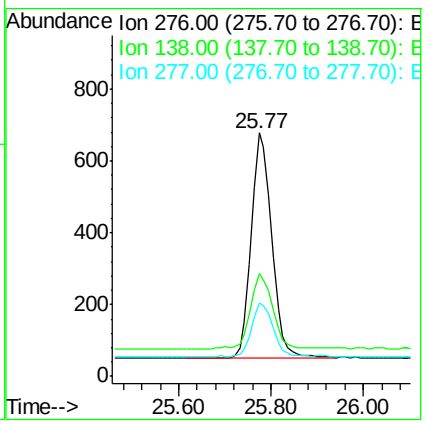
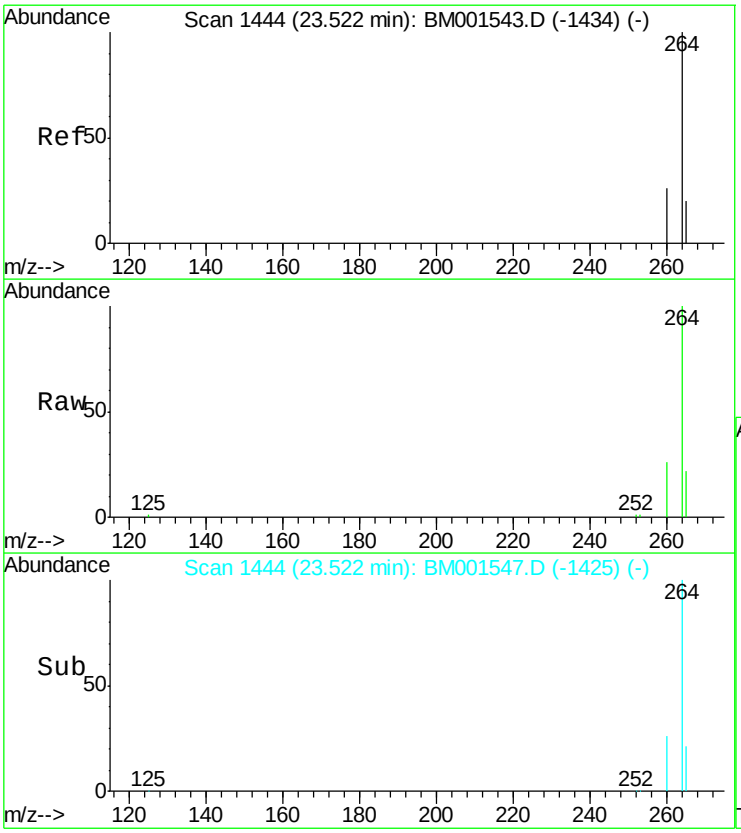
Tgt Ion:276 Resp: 1970

Ion	Ratio	Lower	Upper
276	100		
138	35.9	28.3	42.5
277	24.2	19.6	29.4

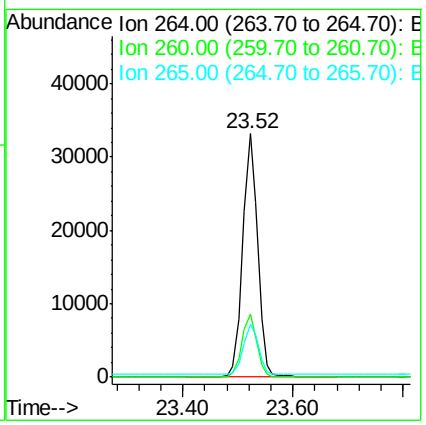


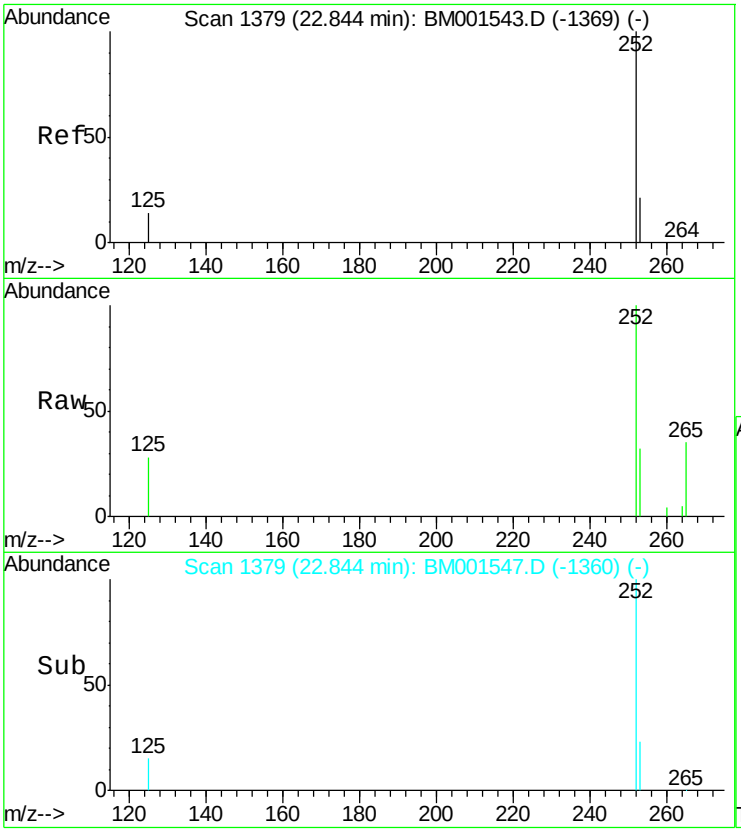


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:264 Resp: 61998

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.1	31.7
265	21.8	17.1	25.7





#33
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.84 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:252 Resp: 1818

Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.8	26.6#
125	28.4	12.5	18.7#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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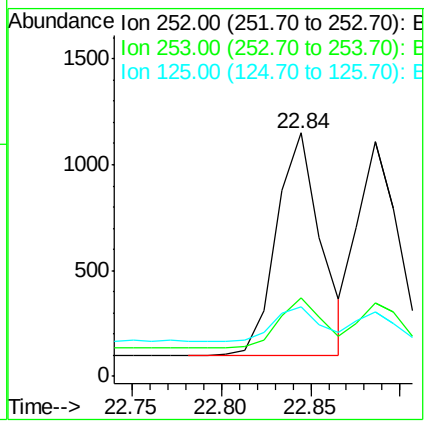
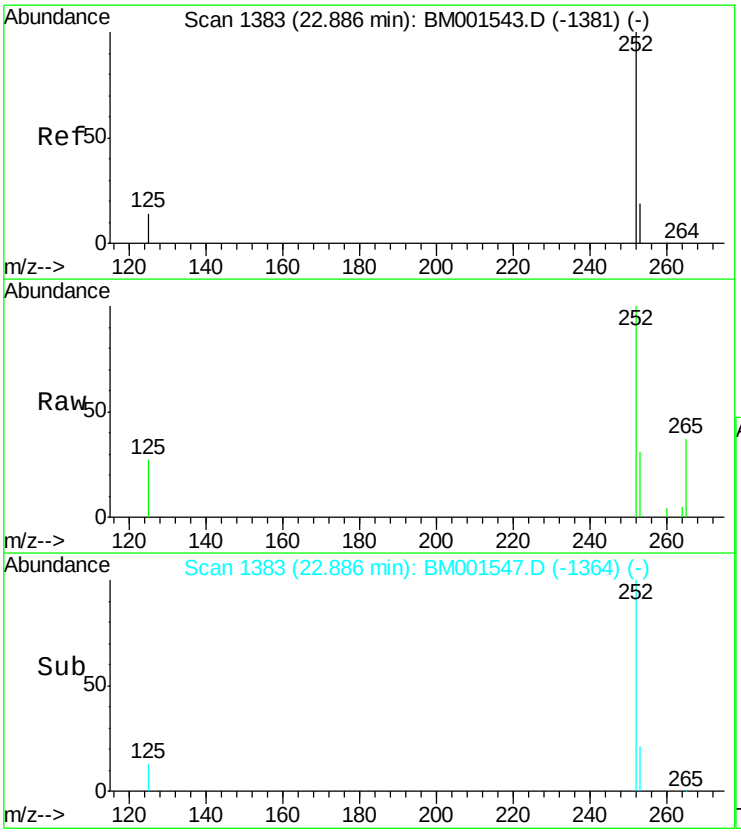
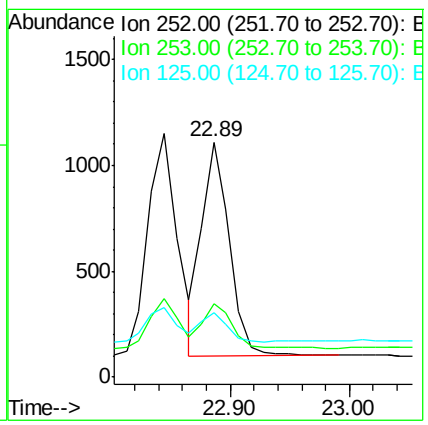


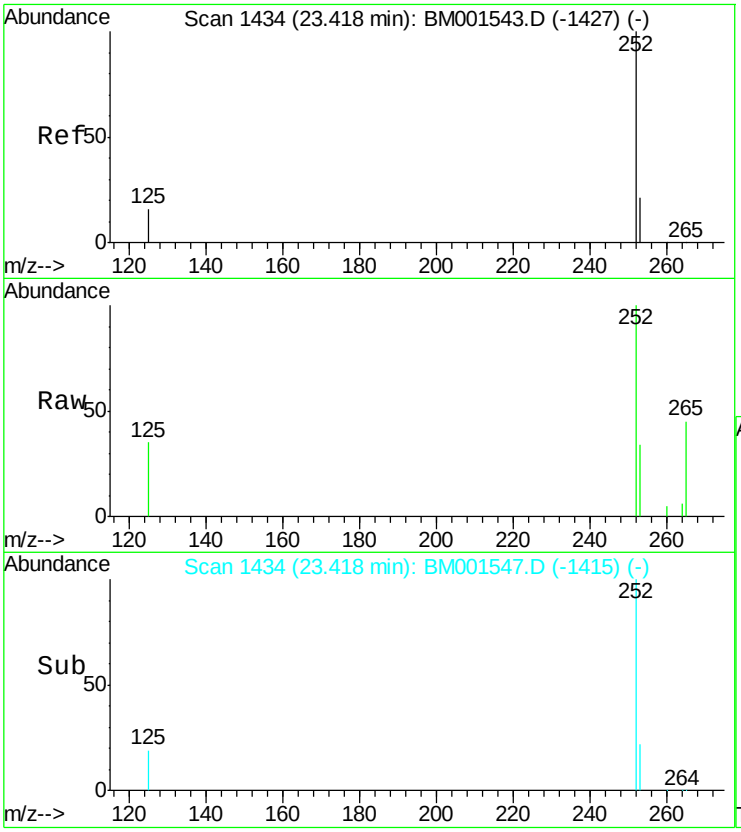


#34
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.89 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:252 Resp: 1623

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.2	25.8#
125	27.2	12.5	18.7#





#35
Benzo(a)pyrene
Concen: 0.11 ng
RT: 23.42 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:252 Resp: 1622

Ion	Ratio	Lower	Upper
252	100		
253	34.1	17.6	26.4#
125	35.4	14.3	21.5#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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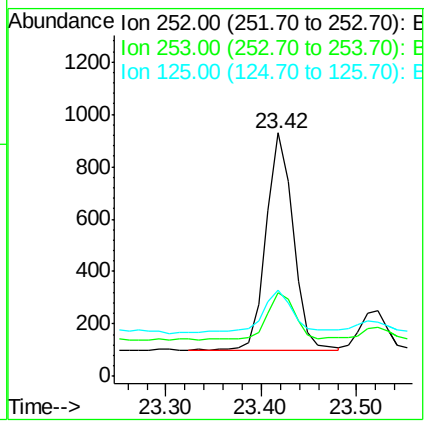
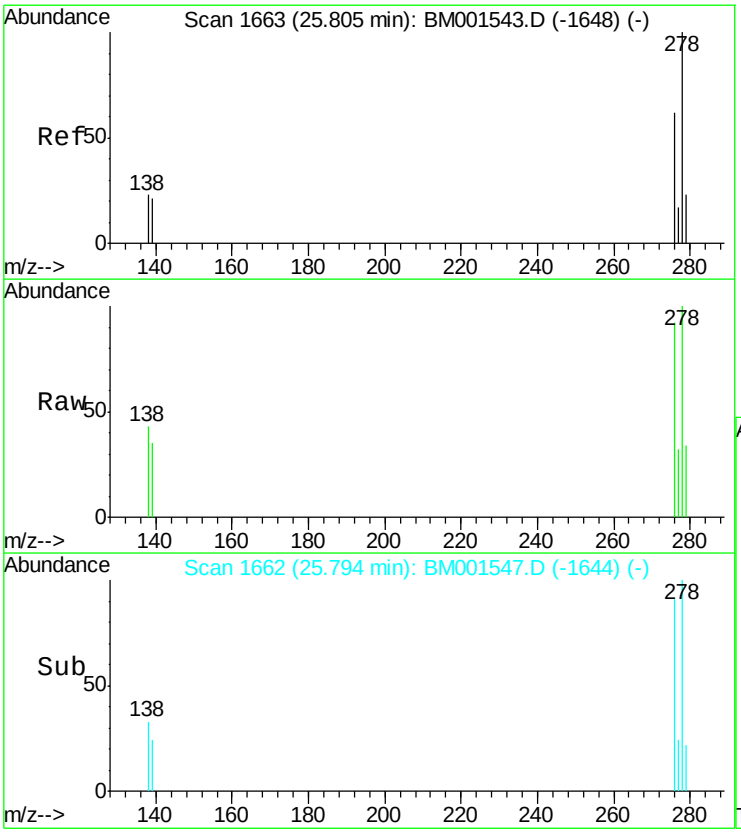
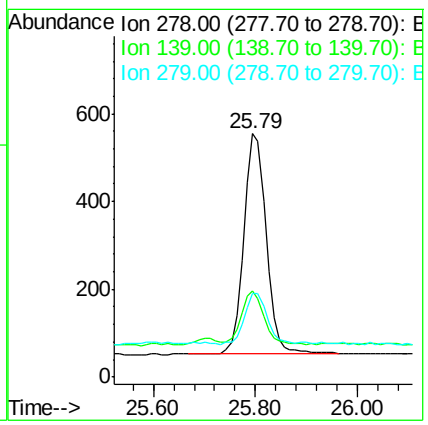


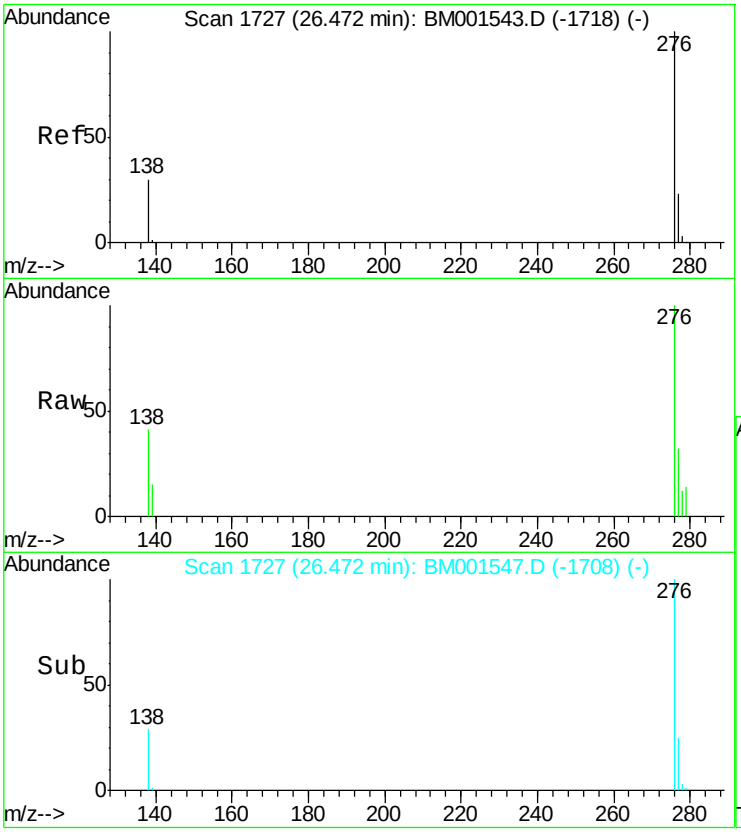


#36
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 25.79 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:278 Resp: 1531

Ion	Ratio	Lower	Upper
278	100		
139	35.5	18.0	27.0#
279	34.4	19.8	29.8#

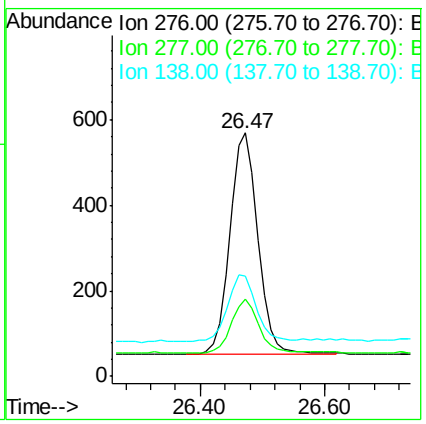




#37
Benzo(g,h,i)perylene
Concen: 0.11 ng
RT: 26.47 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM001547.D
Acq: 03 Jun 2015 22:35

Tgt Ion:276 Resp: 1645

Ion	Ratio	Lower	Upper
276	100		
277	32.0	19.3	28.9#
138	40.9	25.0	37.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
apatel
6/5/2015 8:04:33 AM