Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001574.D
Acq On : 05 Jun 2015 20:13
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.2

Manual Integrations APPROVED
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Quant Time: Jun 06 06:16:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 01:16:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	25497	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	89828	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	42387	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	71251	5.00	ng		0.00
25) Chrysene-d12	21.28	240	64793	5.00	ng		0.00
32) Perylene-d12	23.52	264	58386	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	1097	0.19	ng		0.00
5) Phenol-d6	6.86	99	1309	0.19	ng		0.00
7) Nitrobenzene-d5	8.86	82	1137	0.18	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	287	0.16	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	2602	0.21	ng		0.00
27) Terphenyl-d14	19.73	244	1595	0.20	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	572	0.21	ng		91
3) n-Nitrosodimethylamine	3.52	42	725	0.18	ng	#	94
8) Nitrobenzene	8.90	77	1213	0.18	ng		99
9) Naphthalene	10.52	128	3894	0.21	ng		96
10) Hexachlorobutadiene	10.82	225	678	0.21	ng		99
11) 2-Methylnaphthalene	12.15	142	2380	0.20	ng		99
15) Acenaphthylene	14.06	152	3334	0.18	ng		100
16) Acenaphthene	14.41	154	2210	0.20	ng		97
17) Fluorene	15.39	166	1445	0.17	ng	#	99
19) 4-Bromophenyl-phenylether	16.27	248	874	0.29	ng	#	94
20) Hexachlorobenzene	16.38	284	444	0.28	ng	#	71
21) Pentachlorophenol	16.75	266	181	0.22	ng	#	88
22) Phenanthrene	17.12	178	5172	0.24	ng		99
23) Anthracene	17.23	178	2109m	0.22	ng		
24) Fluoranthene	19.15	202	3825	0.25	ng		99
26) Pyrene	19.52	202	4025	0.20	ng		100
28) Benzo(a)anthracene	21.27	228	3572	0.20	ng	#	86
29) Chrysene	21.31	228	3686	0.23	ng		94
30) Bis(2-ethylhexyl)phthalate	21.19	149	1852	0.14	ng		99
31) Indeno(1,2,3-cd)pyrene	25.77	276	3973	0.22	ng		99
33) Benzo(b)fluoranthene	22.84	252	3541	0.22	ng	#	89
34) Benzo(k)fluoranthene	22.89	252	3160	0.21	ng	#	92
35) Benzo(a)pyrene	23.42	252	3057	0.21	ng	#	88
36) Dibenzo(a,h)anthracene	25.79	278	3161	0.23	ng	#	91
37) Benzo(g,h,i)perylene	26.47	276	3314	0.23	ng		93

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
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Sample : SSTDICC0.2
Misc :
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Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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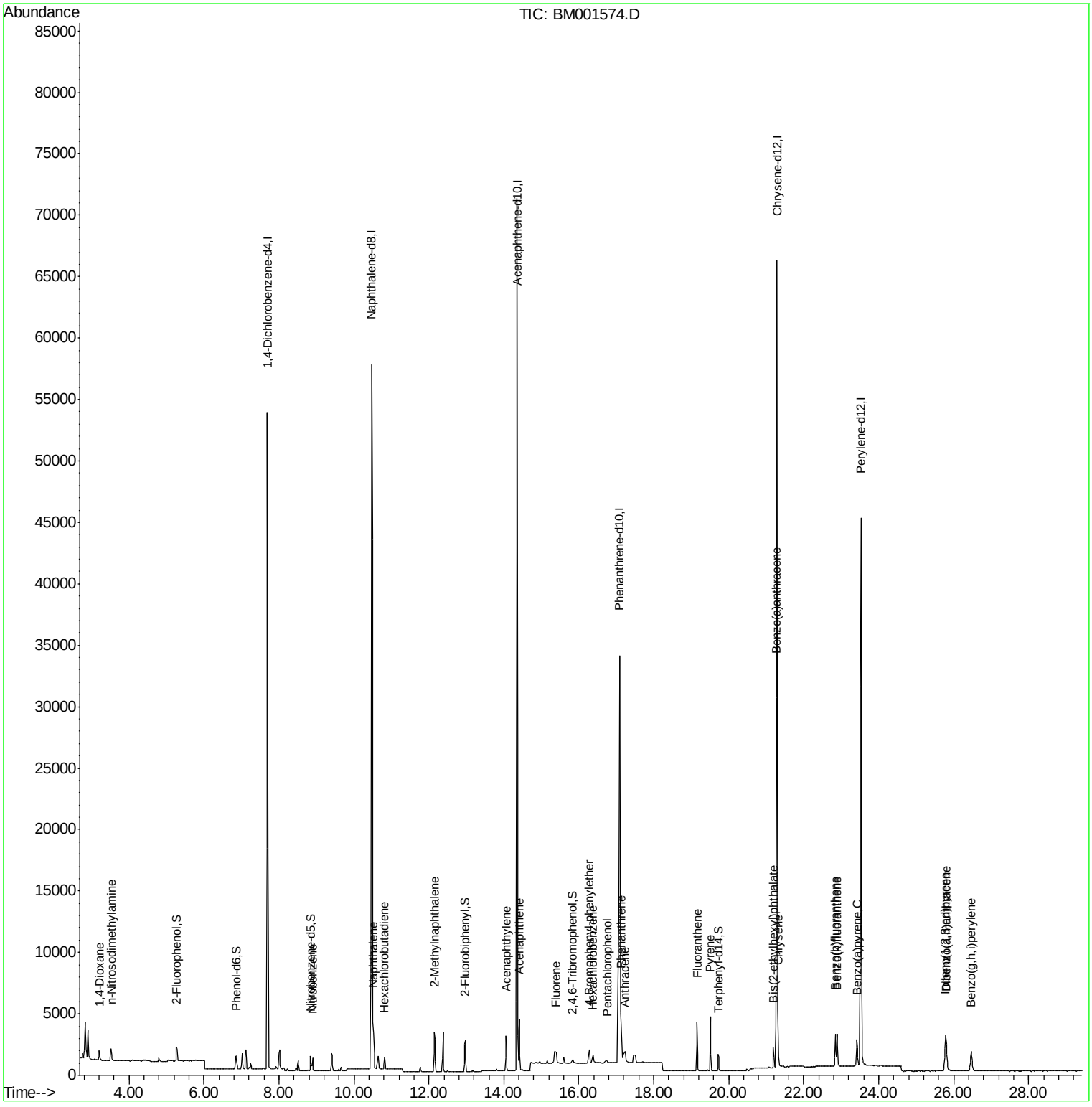
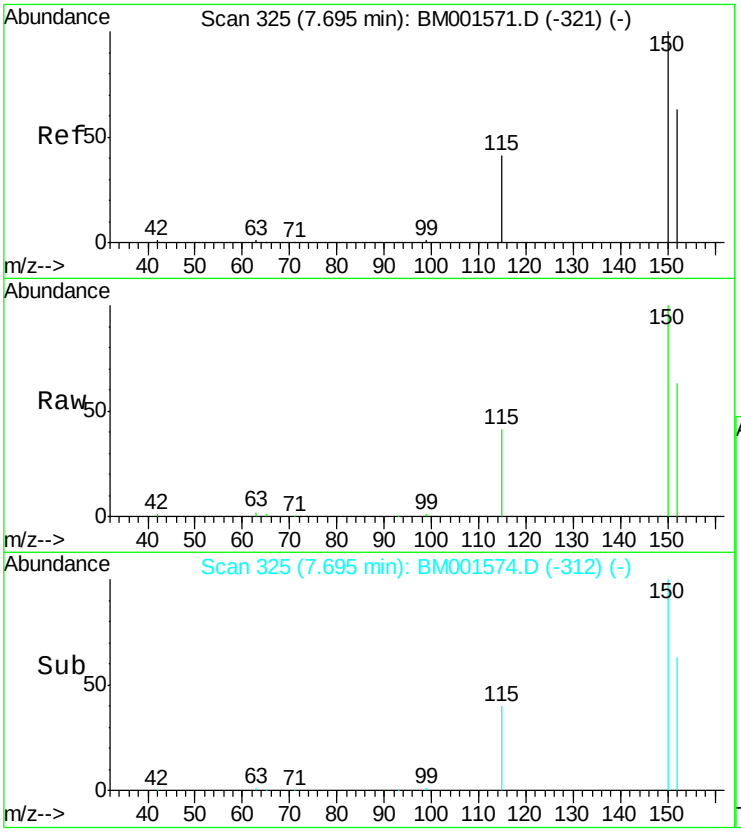
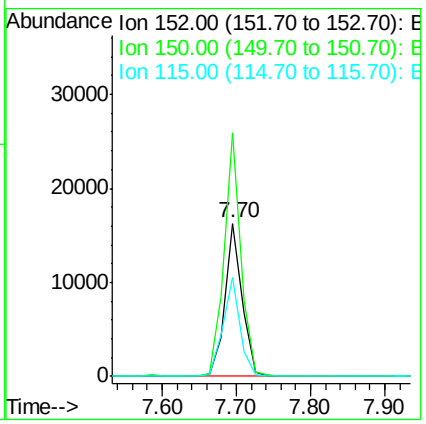




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:152 Resp: 25497

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	190.0
115	64.4	51.6	77.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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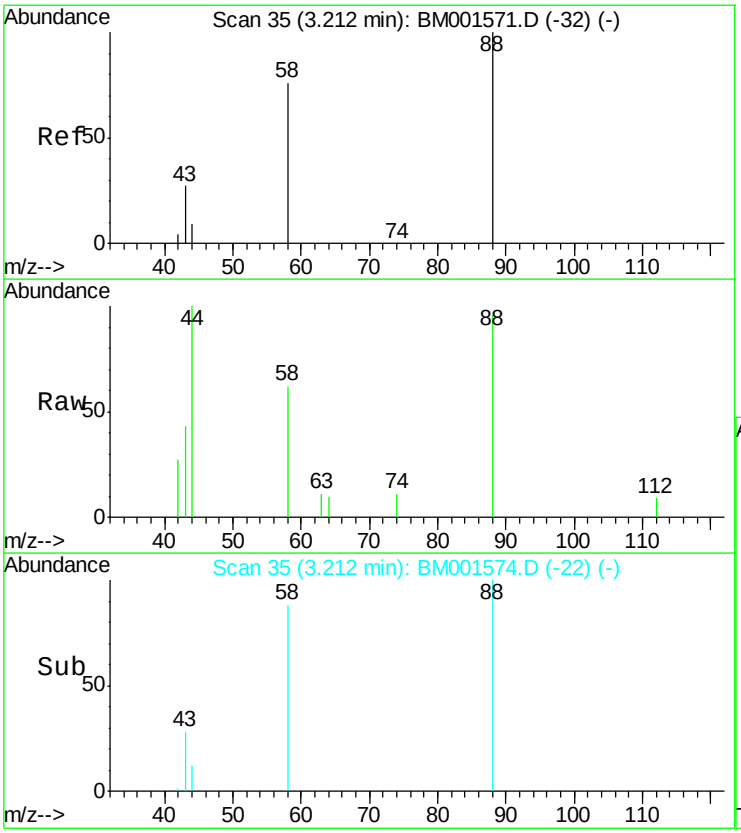
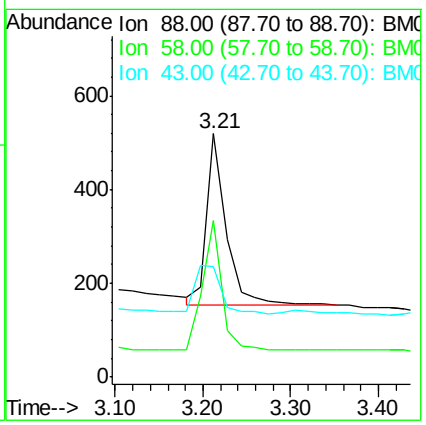
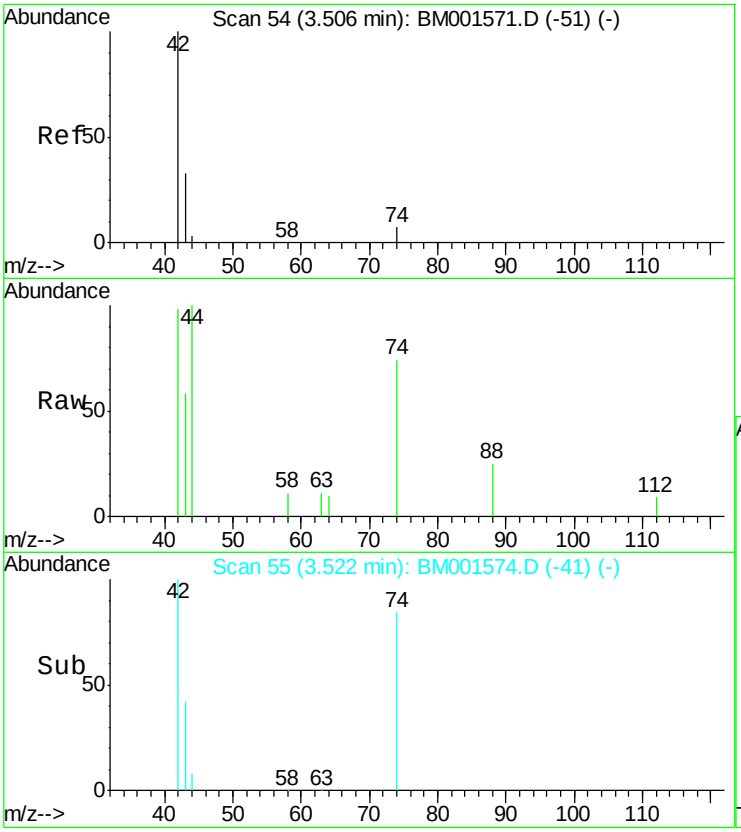


#2
1,4-Dioxane
Concen: 0.21 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion: 88 Resp: 572

Ion	Ratio	Lower	Upper
88	100		
58	73.4	66.1	99.1
43	36.7	32.3	48.5





#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.02 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion: 42 Resp: 725

Ion	Ratio	Lower	Upper
42	100		
74	102.8	77.2	115.8
44	11.3	7.4	11.2#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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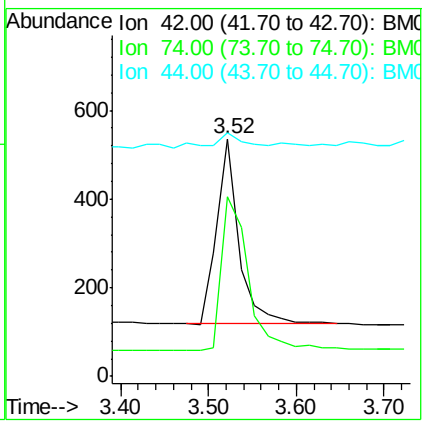
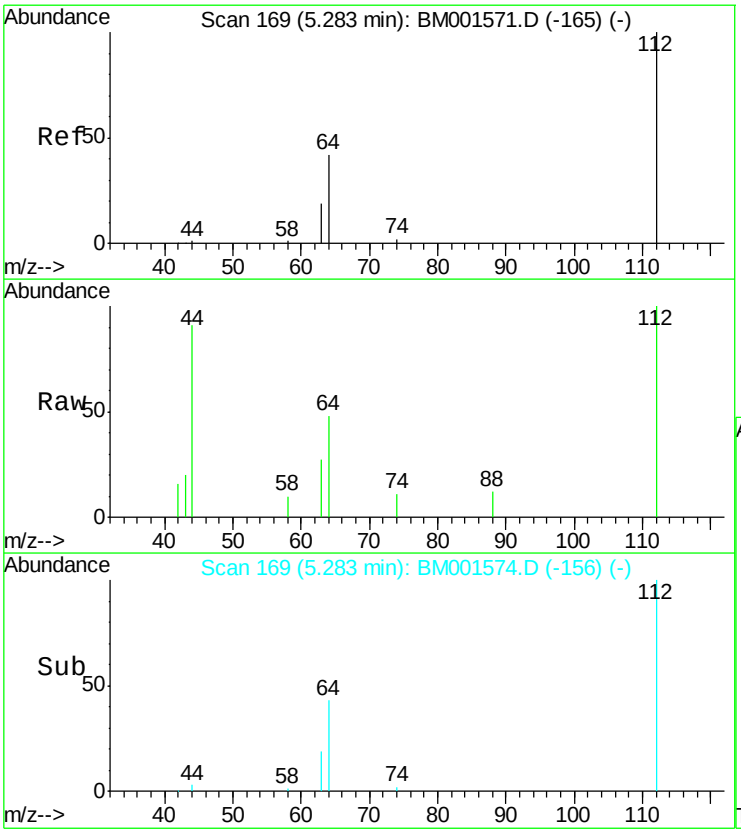
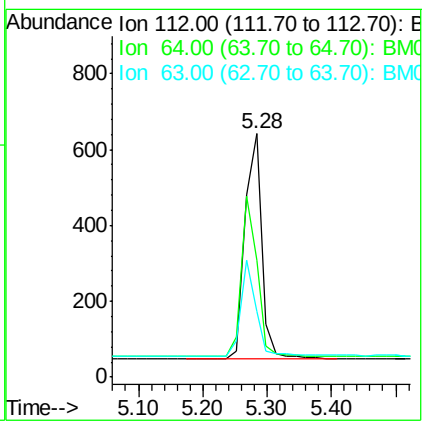


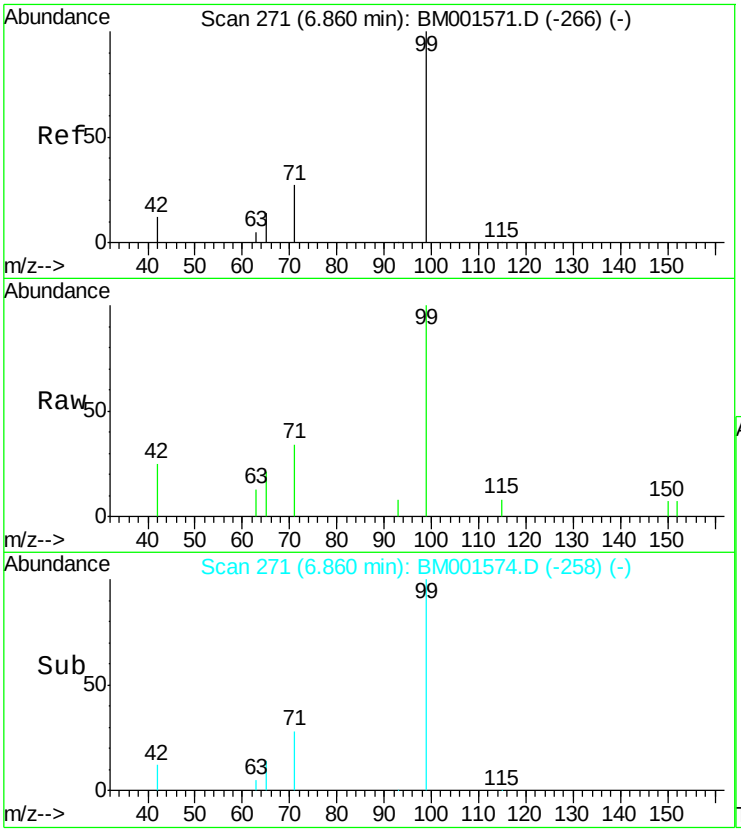


#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:112 Resp: 1097

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.3	79.9
63	37.4	29.7	44.5

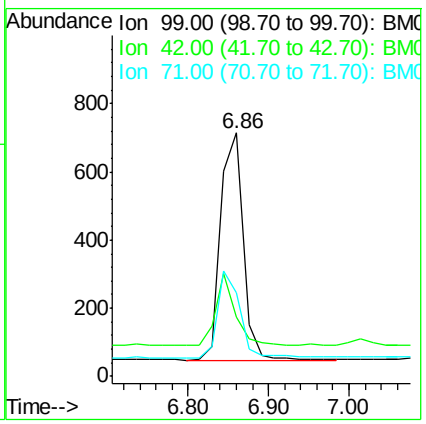




#5
Phenol-d6
Concen: 0.19 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion: 99 Resp: 1309

Ion	Ratio	Lower	Upper
99	100		
42	27.3	21.4	32.2
71	36.8	29.0	43.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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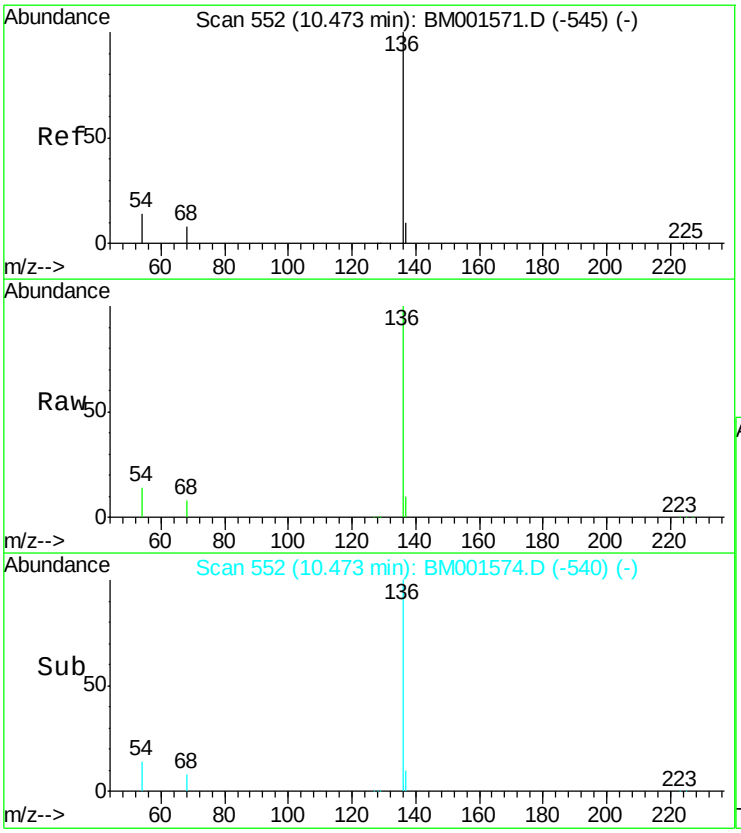
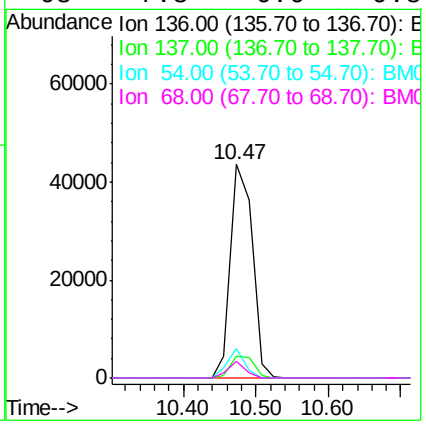
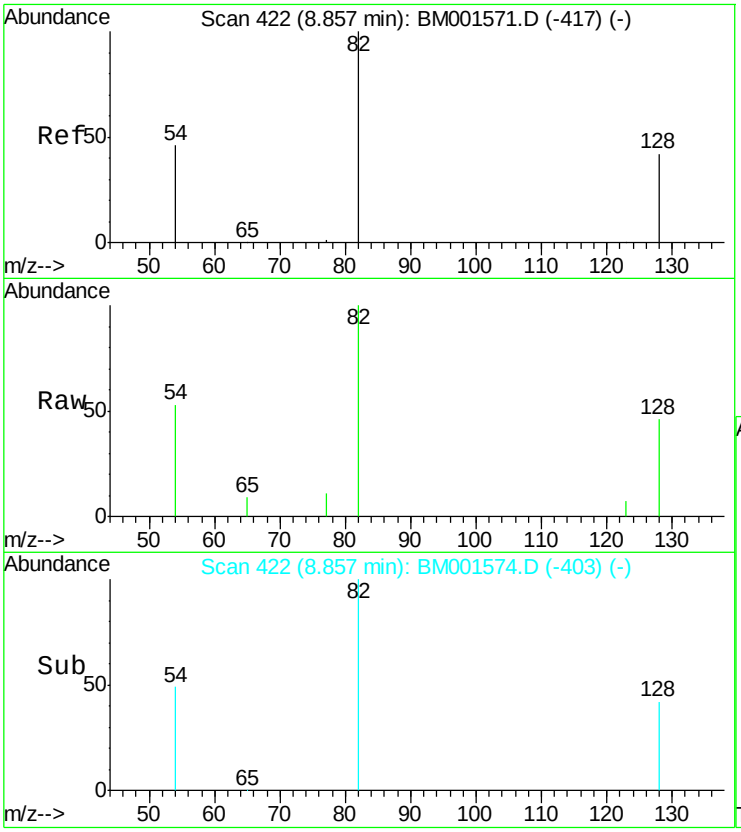


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:136 Resp: 89828

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.1	12.1
54	14.1	11.7	17.5
68	7.8	6.6	9.8

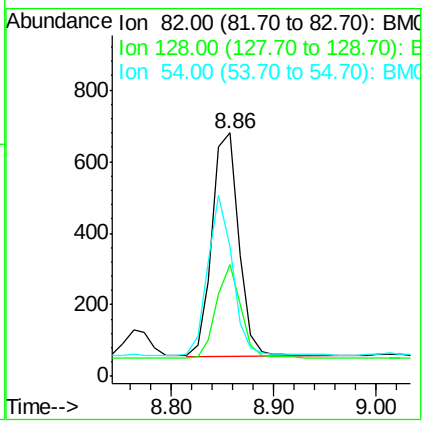




#7
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion: 82 Resp: 1137

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.1	51.1
54	53.4	37.8	56.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
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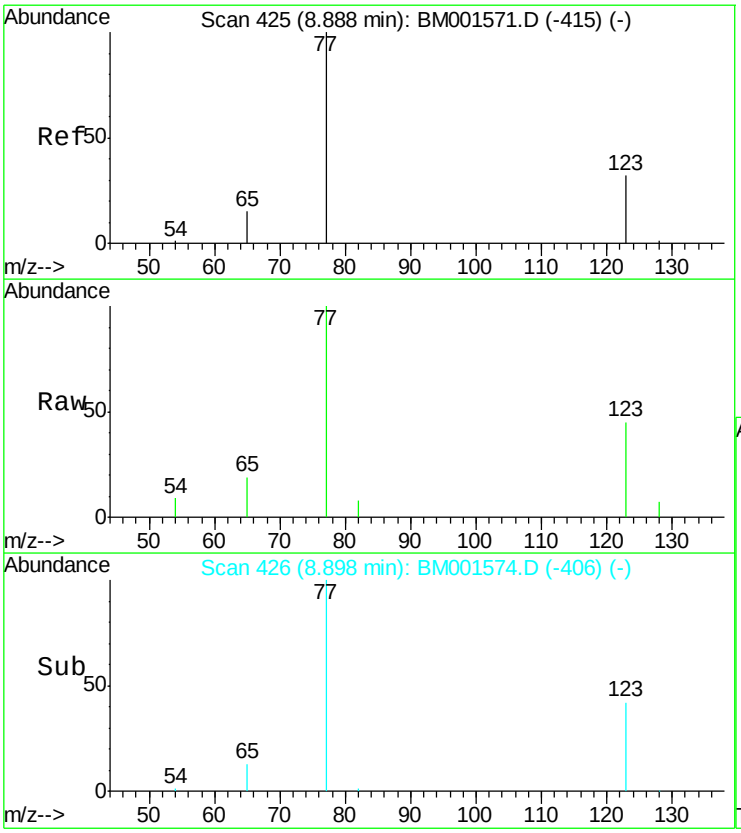
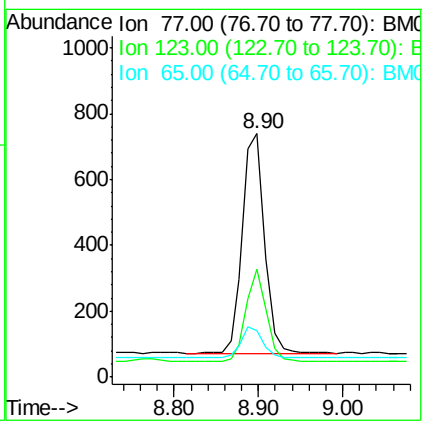
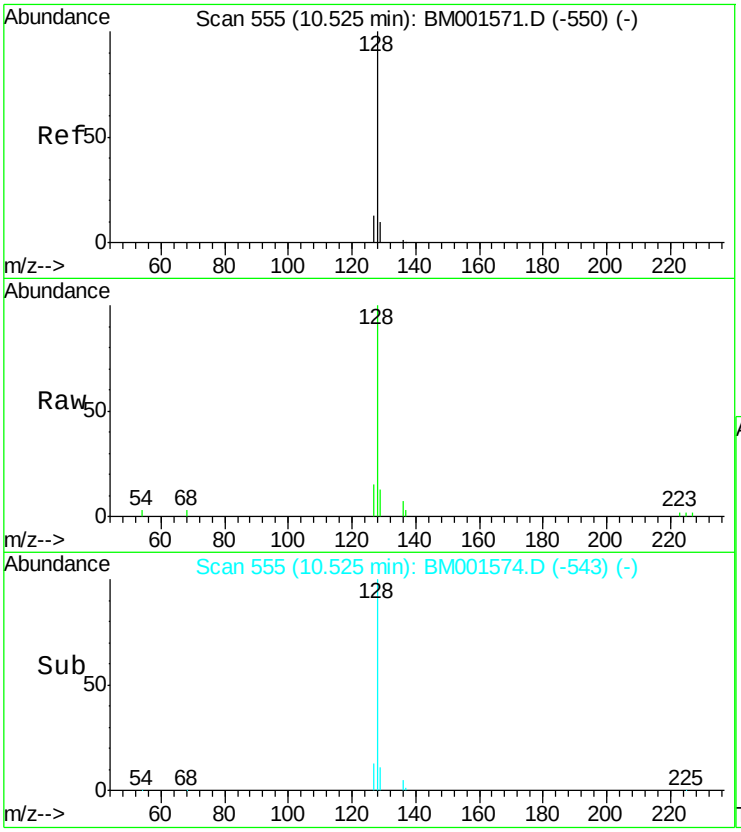


#8
Nitrobenzene
Concen: 0.18 ng
RT: 8.90 min Scan# 426
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion: 77 Resp: 1213

Ion	Ratio	Lower	Upper
77	100		
123	38.6	31.7	47.5
65	14.3	11.4	17.0

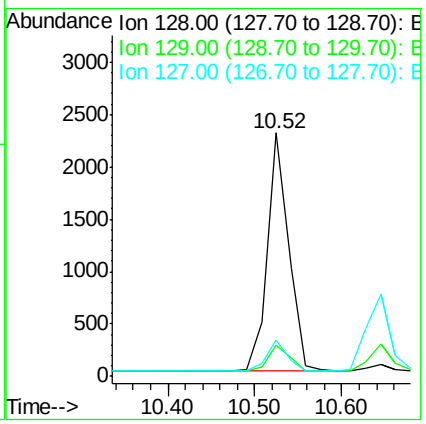




#9
Naphthalene
Concen: 0.21 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:128 Resp: 3894

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.7	13.1
127	15.0	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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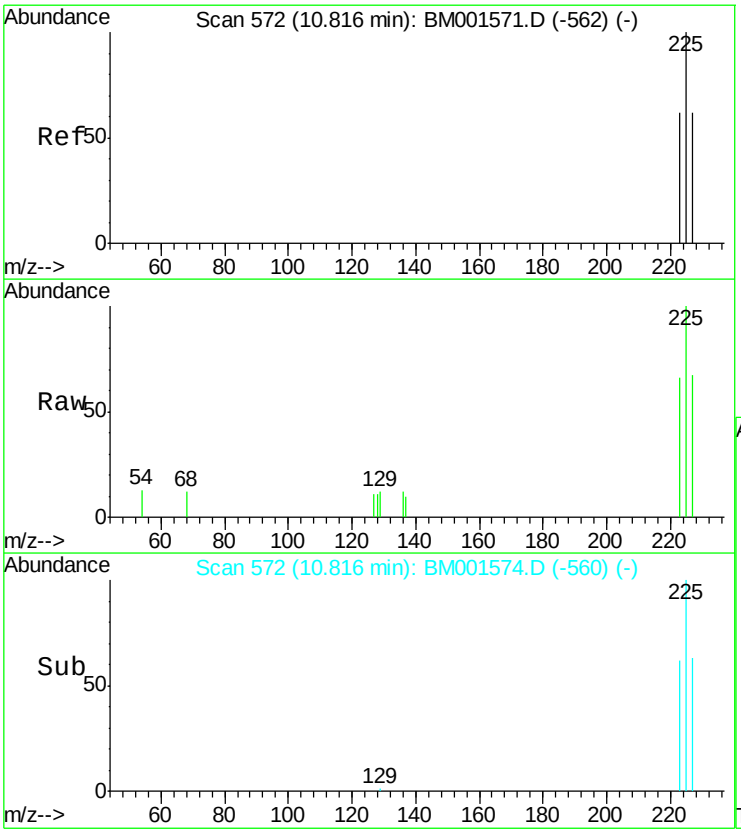
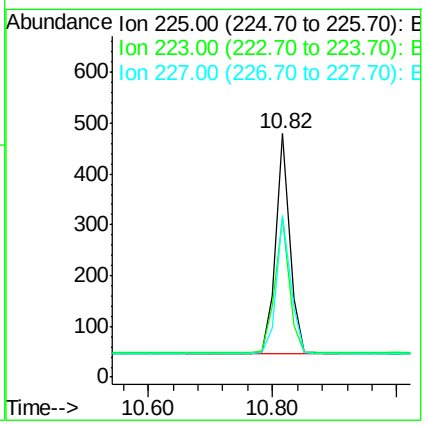
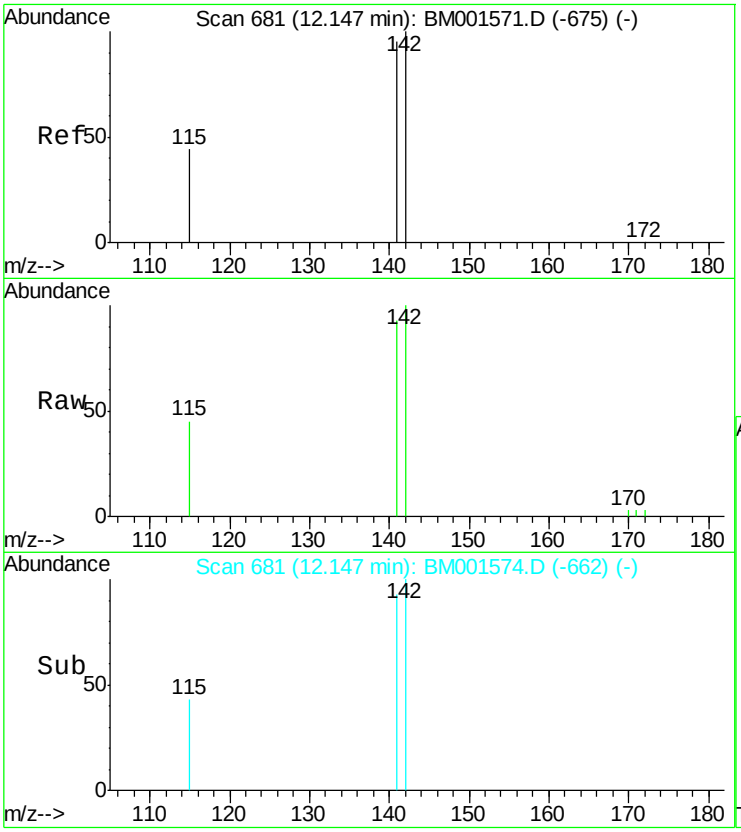


#10
Hexachlorobutadiene
Concen: 0.21 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:225 Resp: 678

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	64.6	50.8	76.2

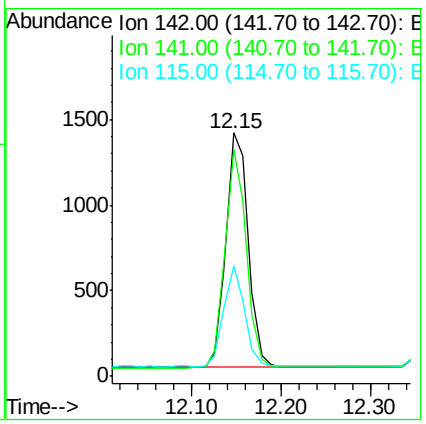




#11
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:142 Resp: 2380

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.6	113.4
115	45.5	35.5	53.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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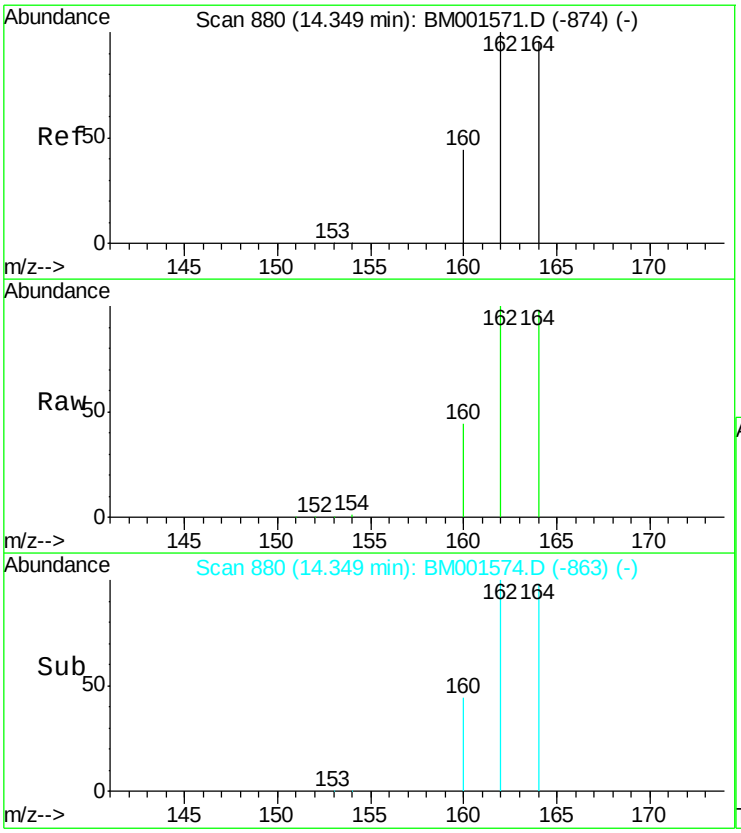
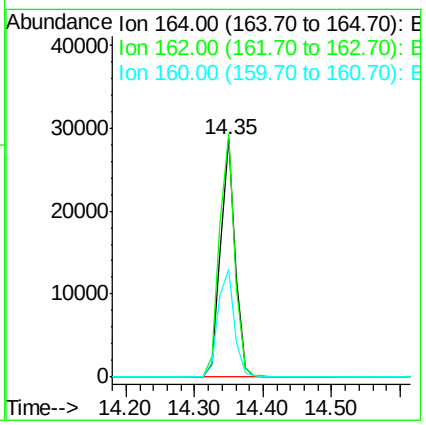
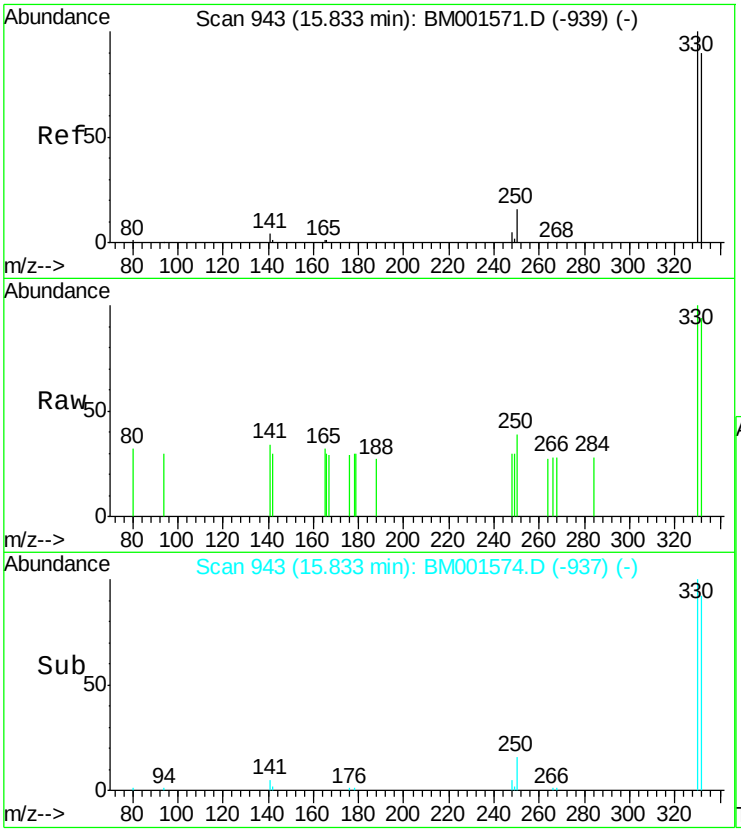


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:164 Resp: 42387

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.8	125.6
160	45.4	37.1	55.7

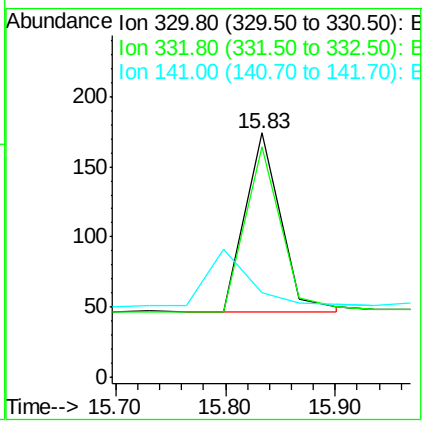




#13
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:330 Resp: 287

Ion	Ratio	Lower	Upper
330	100		
332	93.7	72.0	108.0
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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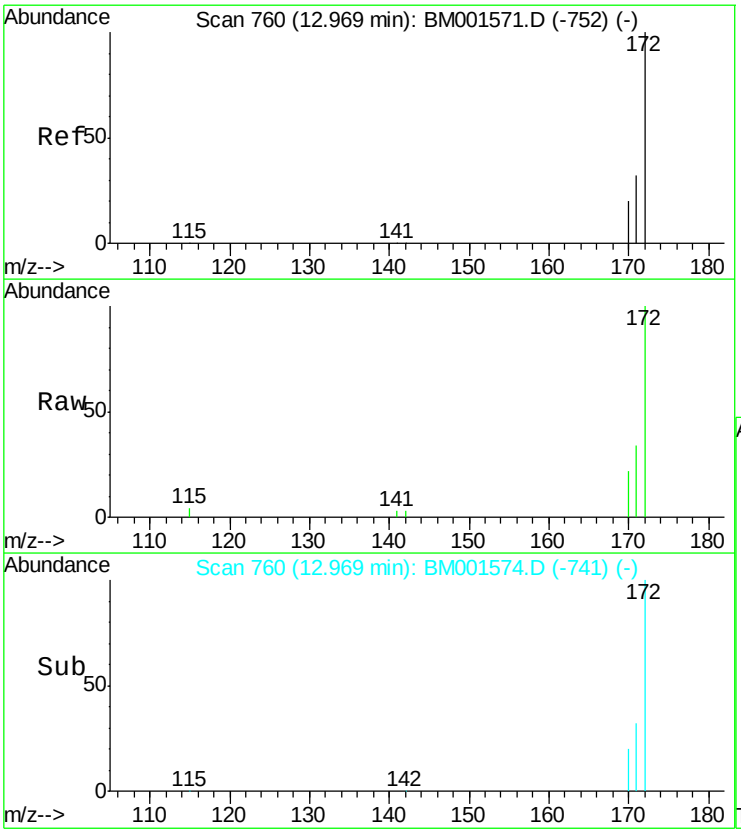
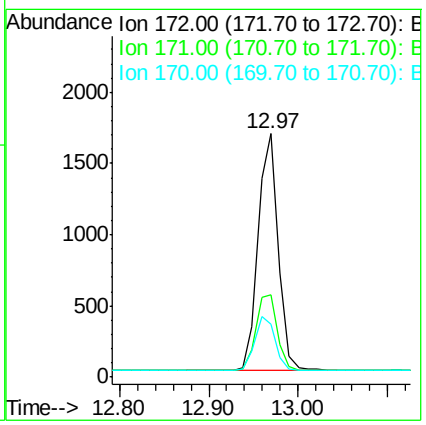
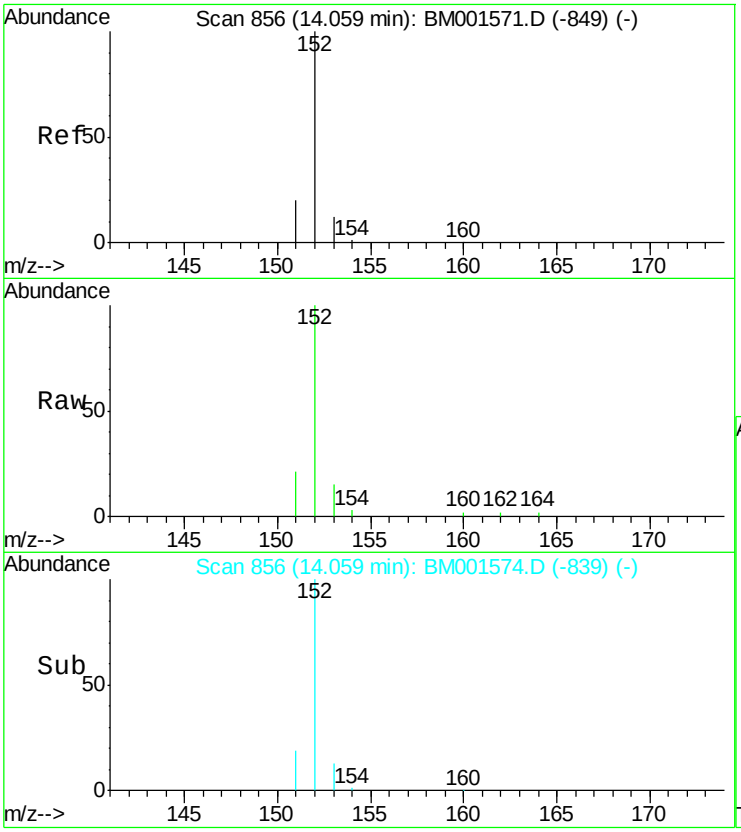


#14
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:172 Resp: 2602

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	22.0	16.1	24.1

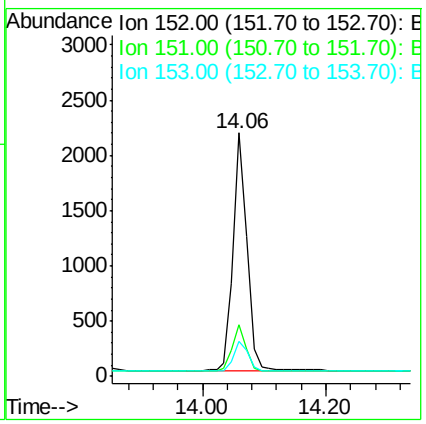




#15
Acenaphthylene
Concen: 0.18 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:152 Resp: 3334

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	13.1	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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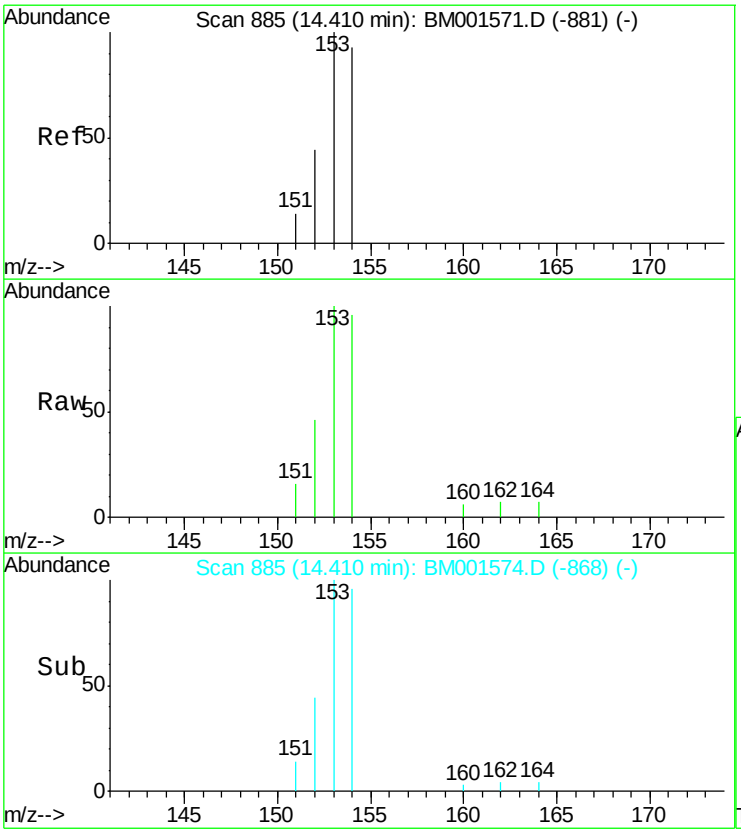
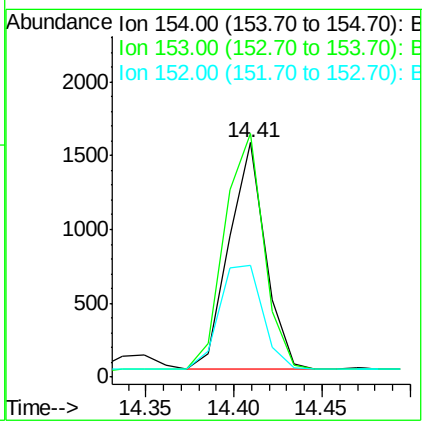
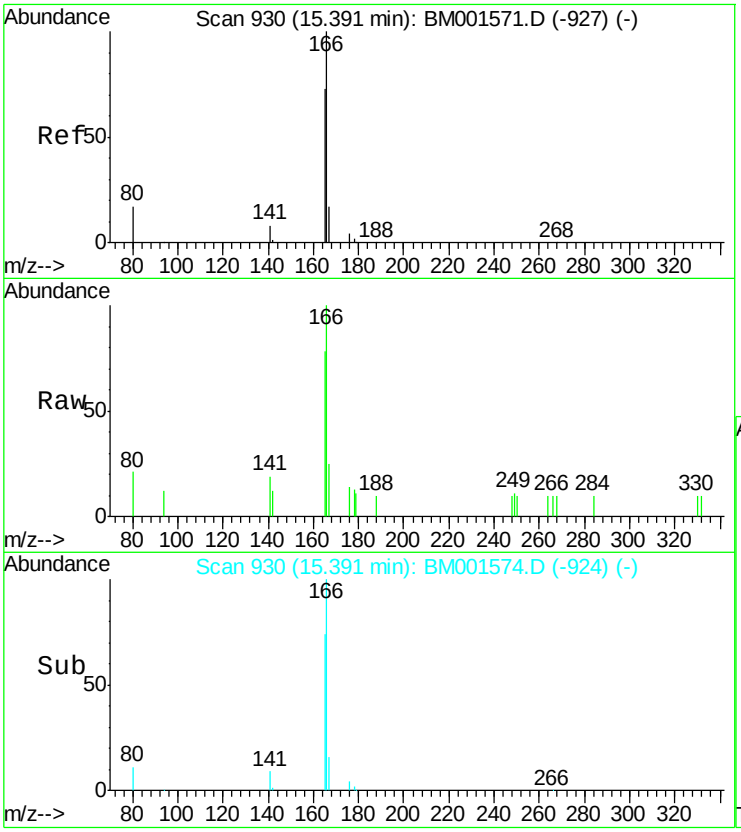


#16
Acenaphthene
Concen: 0.20 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:154 Resp: 2210

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.1	133.7
152	55.8	43.2	64.8

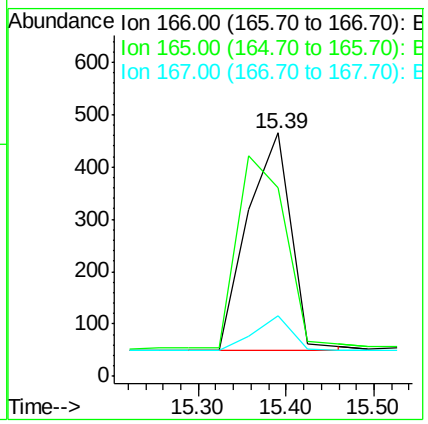




#17
Fluorene
Concen: 0.17 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:166 Resp: 1445

Ion	Ratio	Lower	Upper
166	100		
165	0.0	0.0	0.0
167	13.7	11.3	16.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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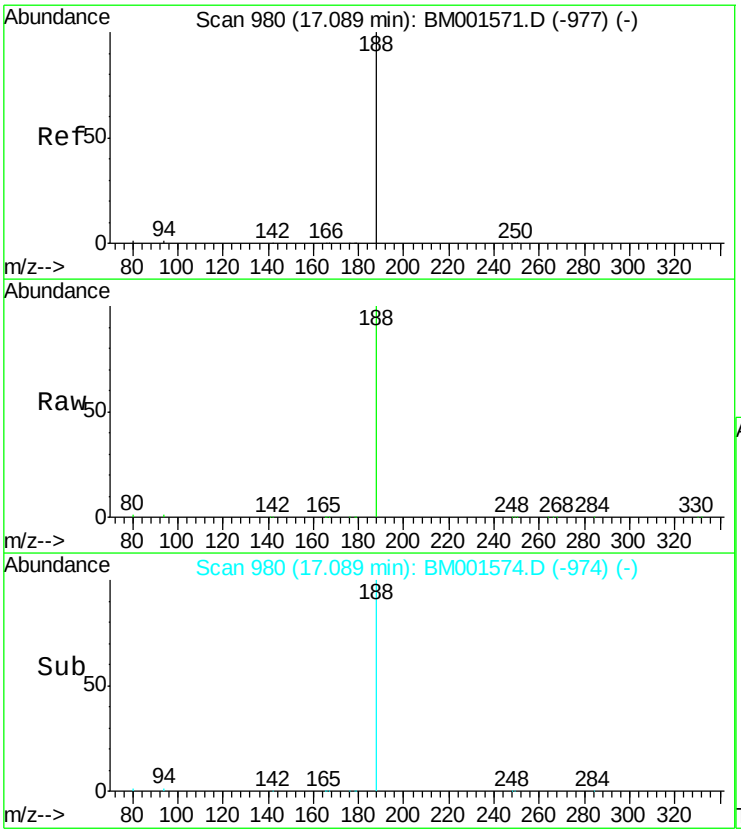
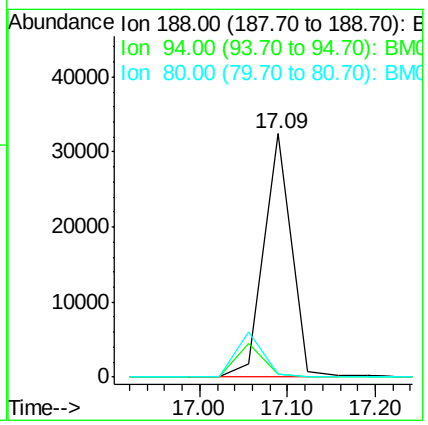
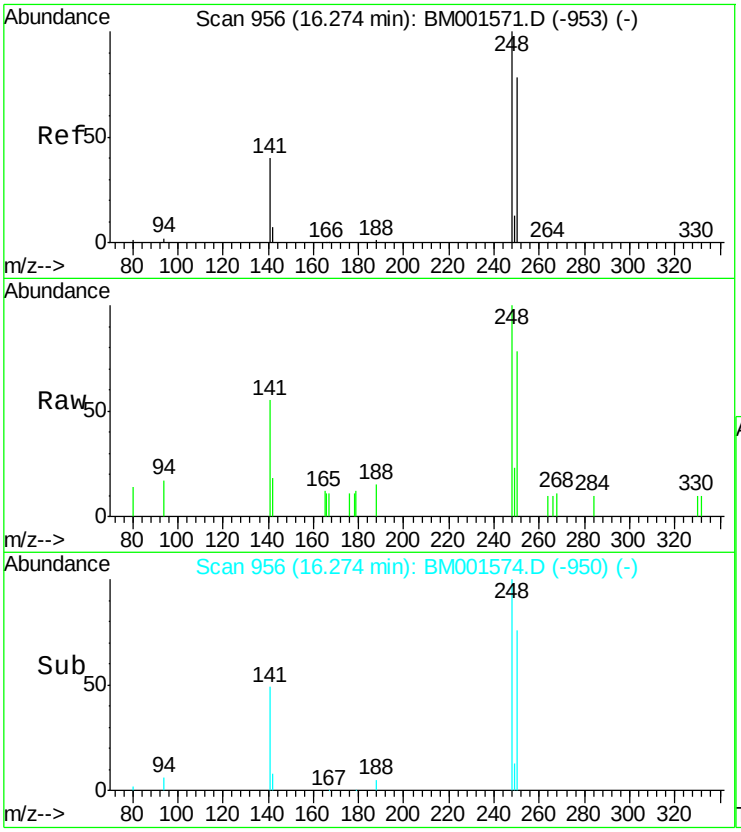


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:188 Resp: 71251

Ion	Ratio	Lower	Upper
188	100		
94	1.2	0.7	1.1#
80	1.2	0.6	1.0#

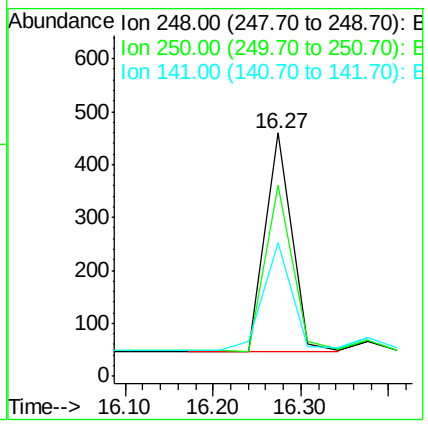




#19
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:248 Resp: 874

Ion	Ratio	Lower	Upper
248	100		
250	77.7	63.1	94.7
141	53.9	35.0	52.6#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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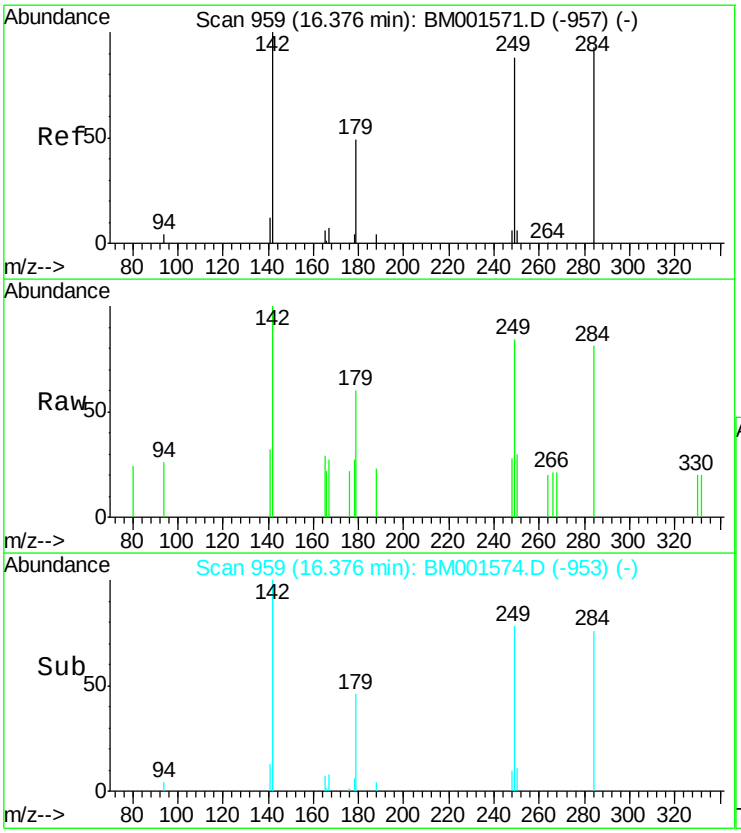
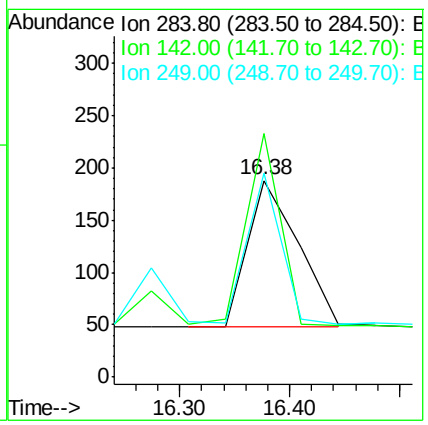
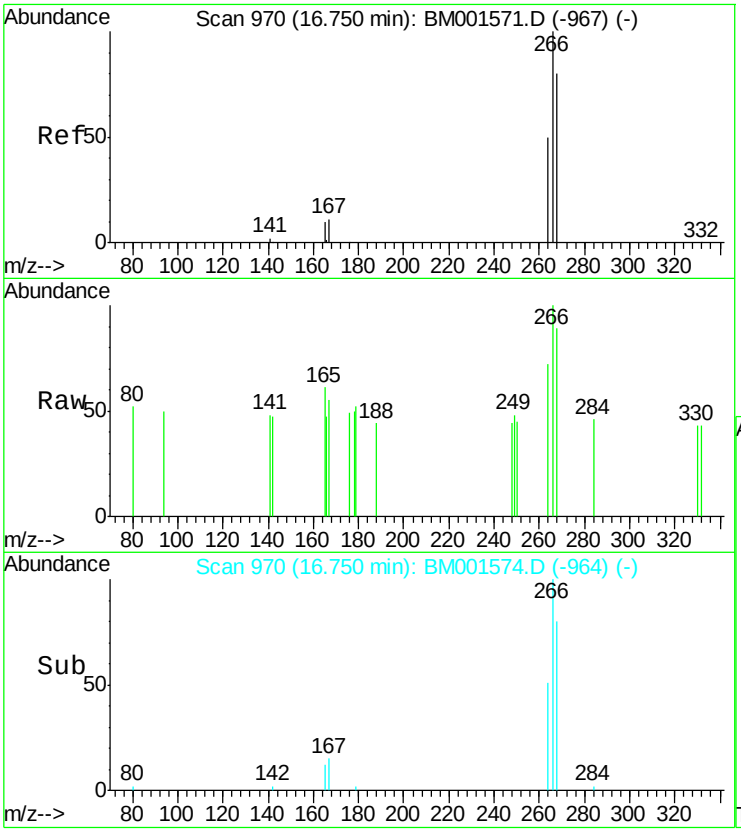


#20
Hexachlorobenzene
Concen: 0.28 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:284 Resp: 444

Ion	Ratio	Lower	Upper
284	100		
142	103.8	64.2	96.2#
249	94.1	55.4	83.0#

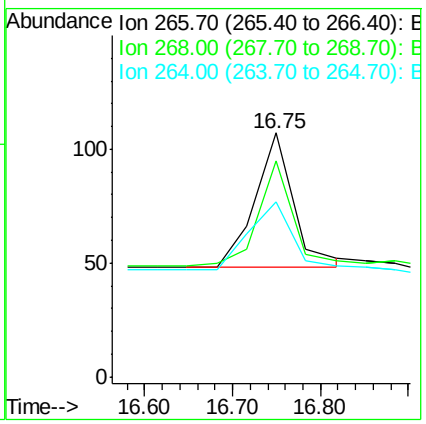




#21
Pentachlorophenol
Concen: 0.22 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:266 Resp: 181

Ion	Ratio	Lower	Upper
266	100		
268	88.8	66.3	99.5
264	72.0	45.5	68.3#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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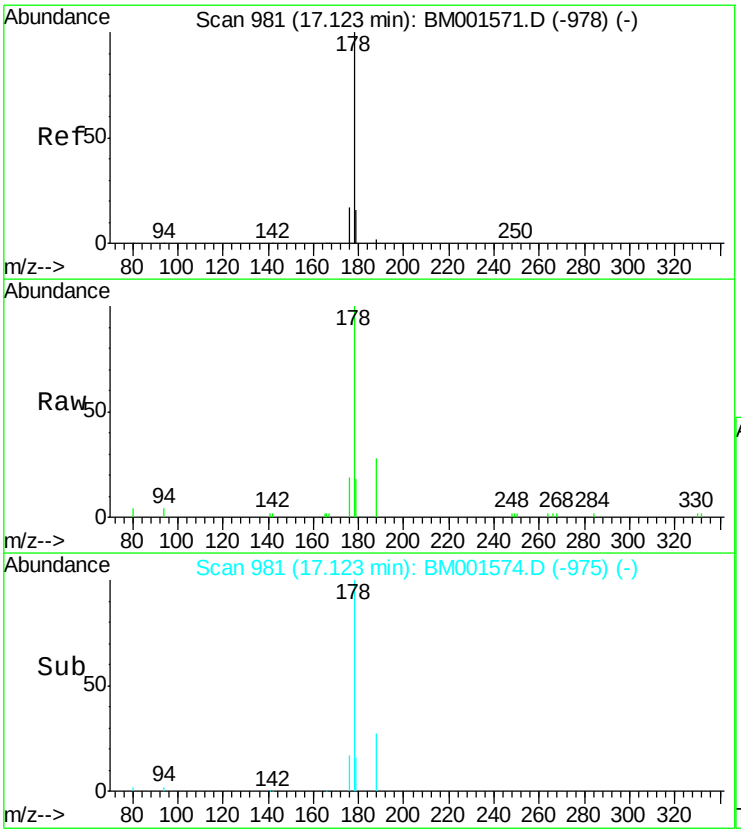
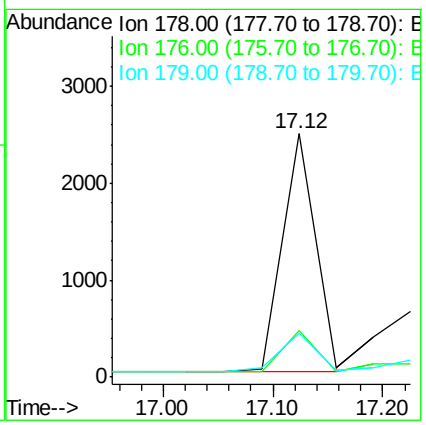
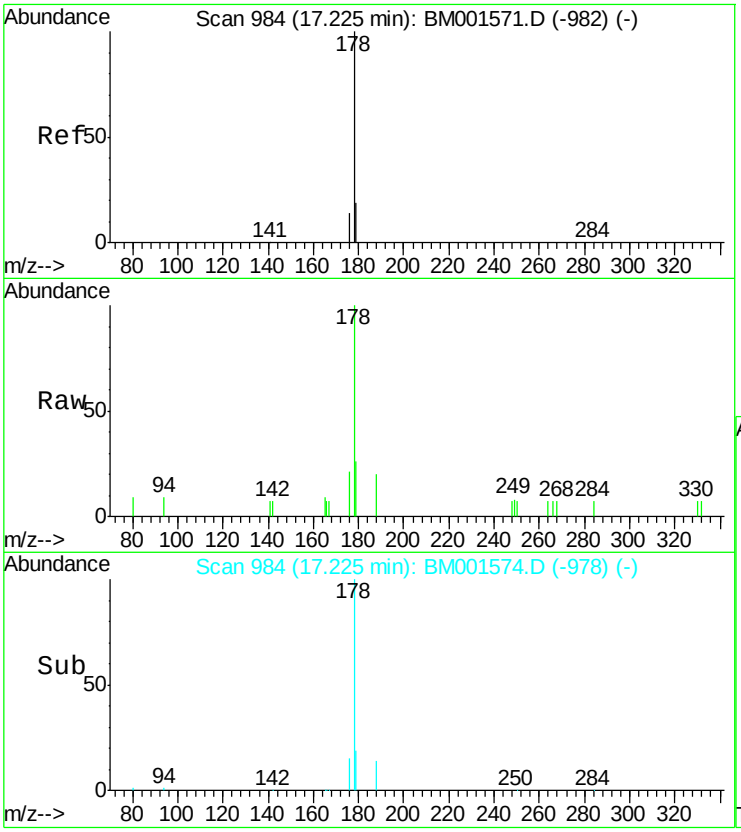


#22
Phenanthrene
Concen: 0.24 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:178 Resp: 5172

Ion	Ratio	Lower	Upper
178	100		
176	17.3	13.5	20.3
179	17.4	13.3	19.9

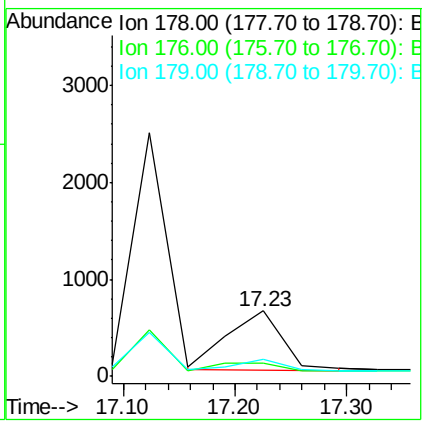




#23
Anthracene
Concen: 0.22 ng m
RT: 17.23 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:178 Resp: 2109

Ion	Ratio	Lower	Upper
178	100		
176	57.5	45.9	68.9
179	35.3	33.3	49.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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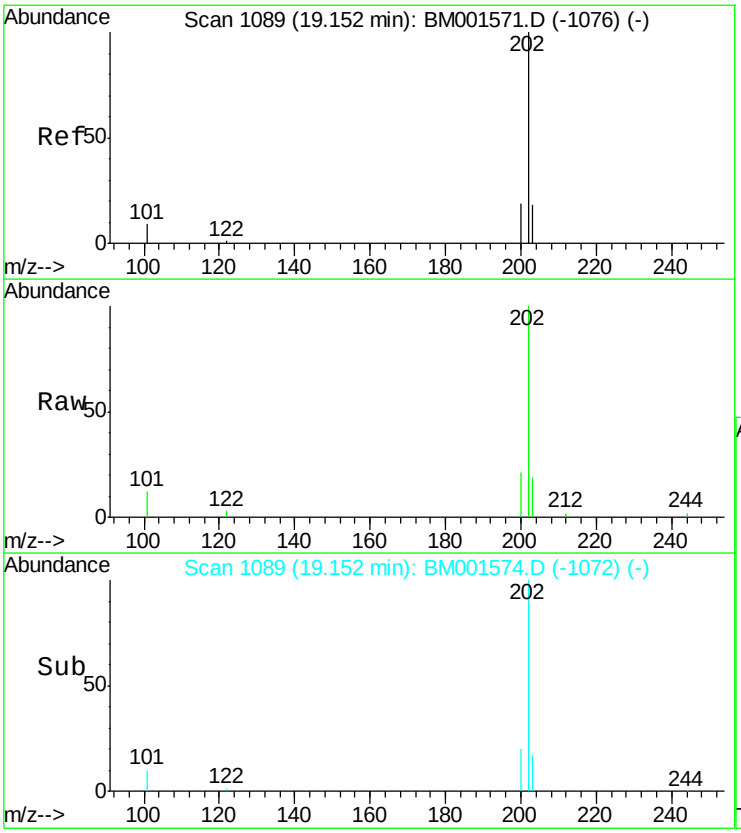
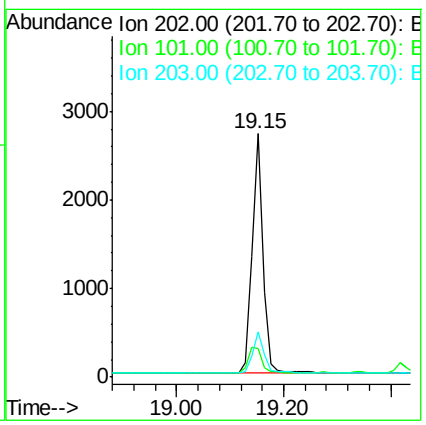
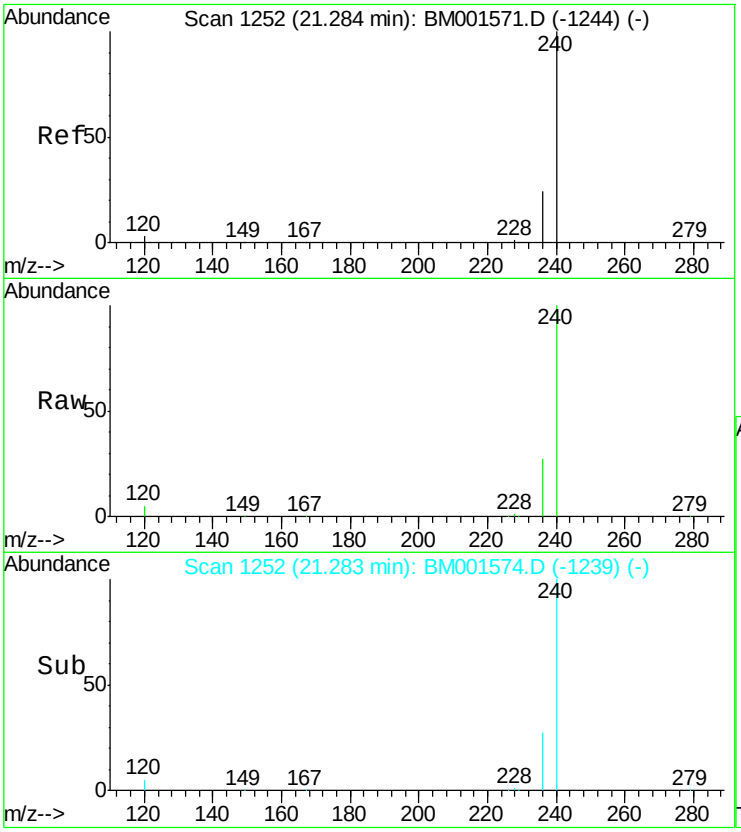


#24
Fluoranthene
Concen: 0.25 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:202 Resp: 3825

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
203	17.0	13.9	20.9

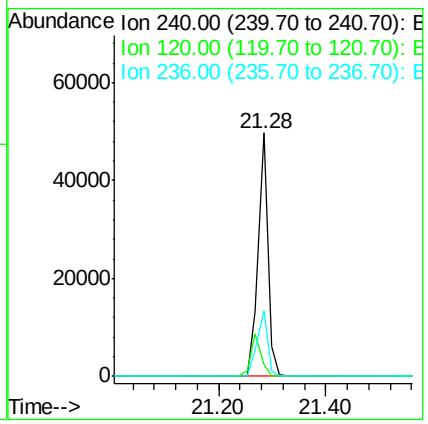




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:240 Resp: 64793

Ion	Ratio	Lower	Upper
240	100		
120	4.9	2.2	3.2#
236	26.8	19.5	29.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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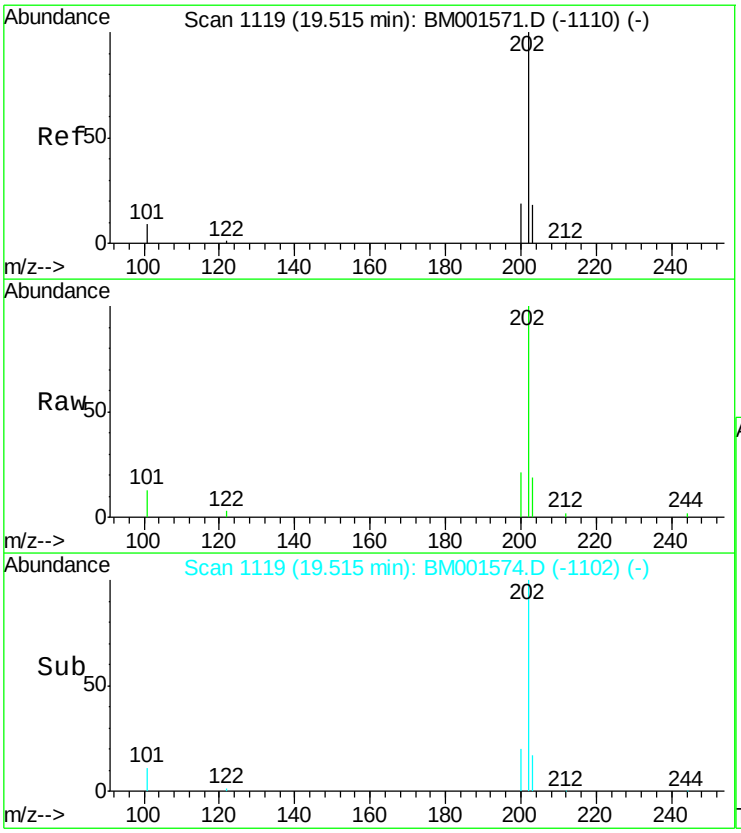
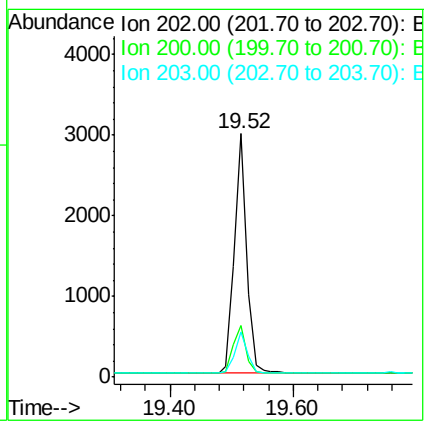
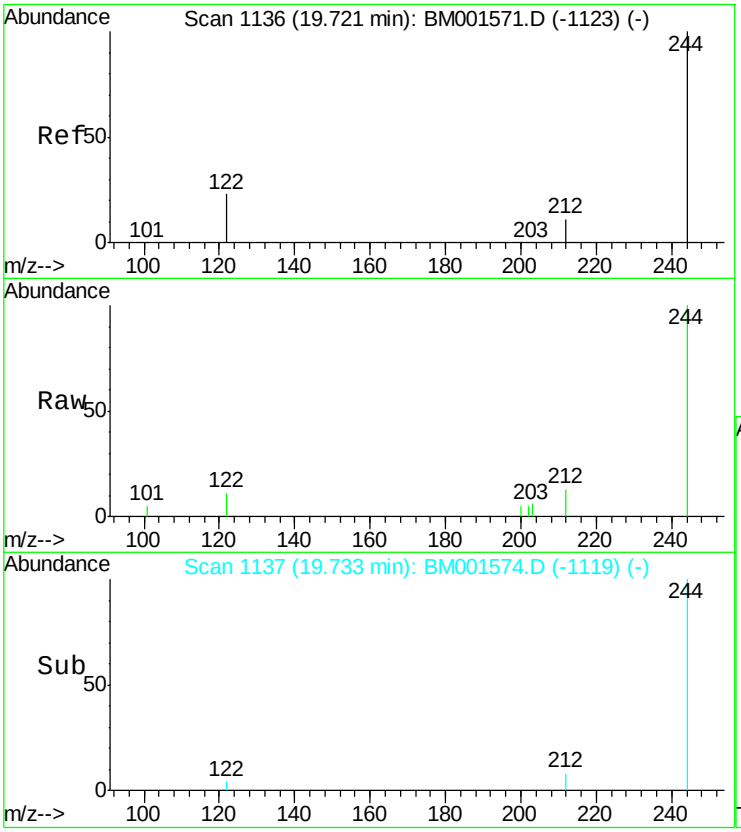


#26
Pyrene
Concen: 0.20 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:202 Resp: 4025

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.4	13.9	20.9

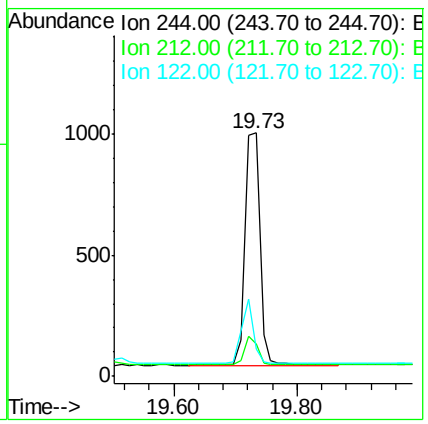




#27
Terphenyl-d14
Concen: 0.20 ng
RT: 19.73 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:244 Resp: 1595

Ion	Ratio	Lower	Upper
244	100		
212	13.2	9.6	14.4
122	11.1	19.0	28.4#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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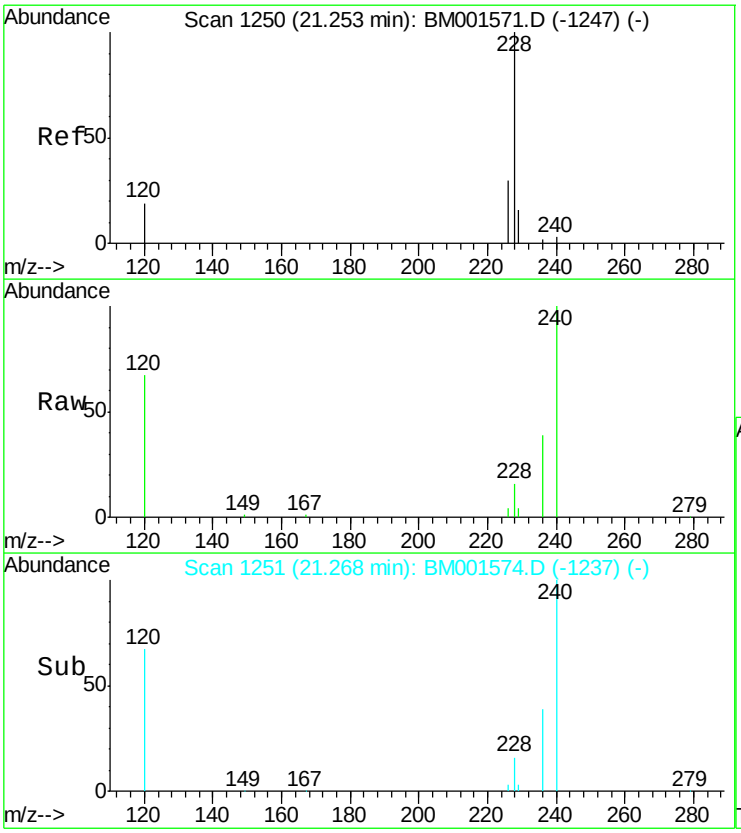
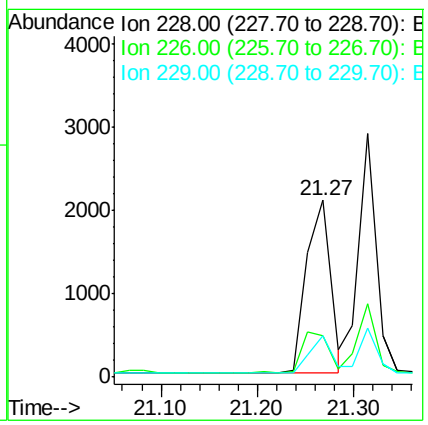
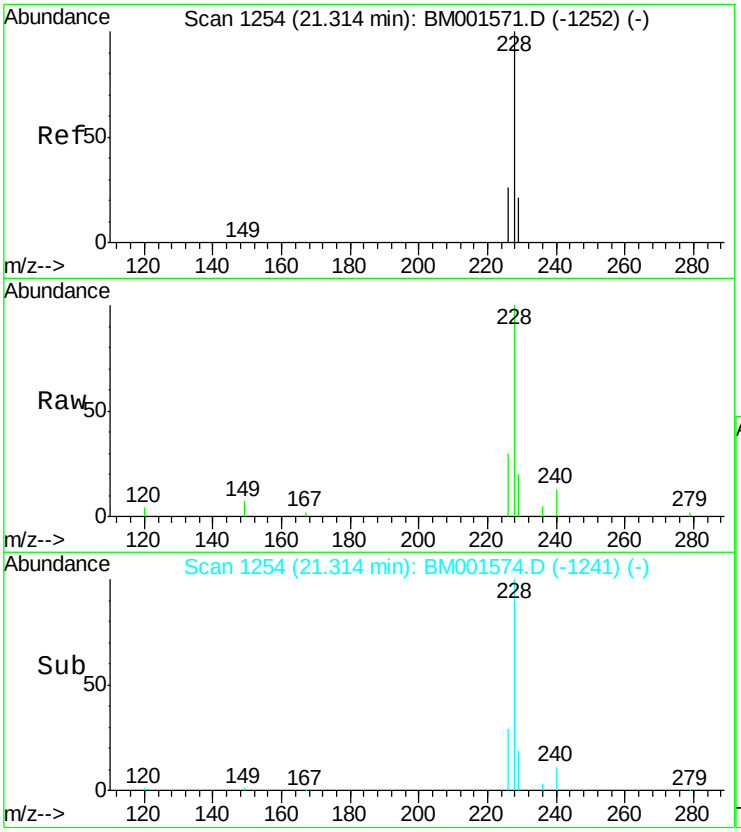


#28
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:228 Resp: 3572

Ion	Ratio	Lower	Upper
228	100		
226	23.7	24.8	37.2#
229	23.5	13.4	20.0#





#29
Chrysene
Concen: 0.23 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:228 Resp: 3686

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.6
229	20.1	17.2	25.8

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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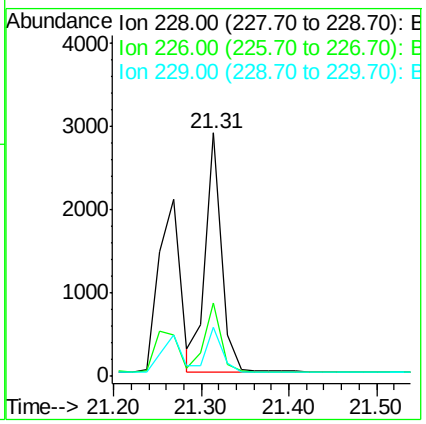
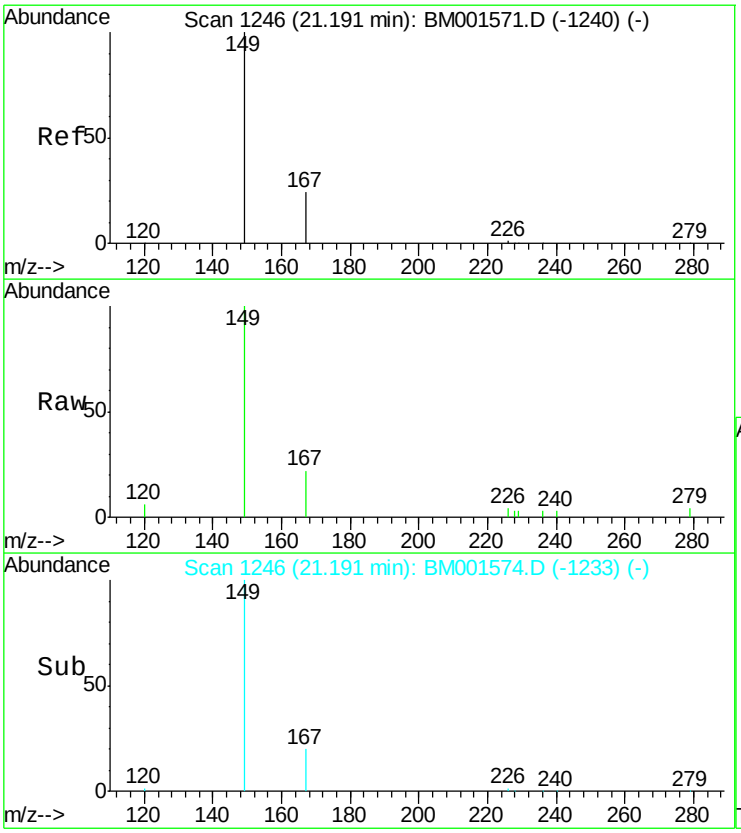
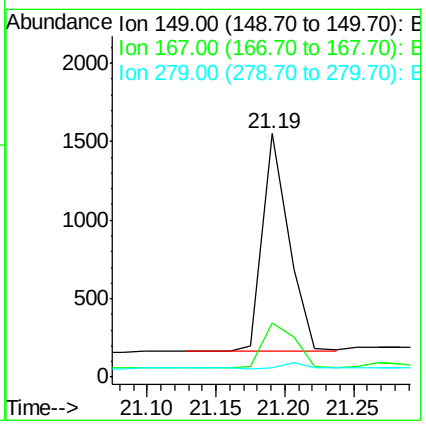


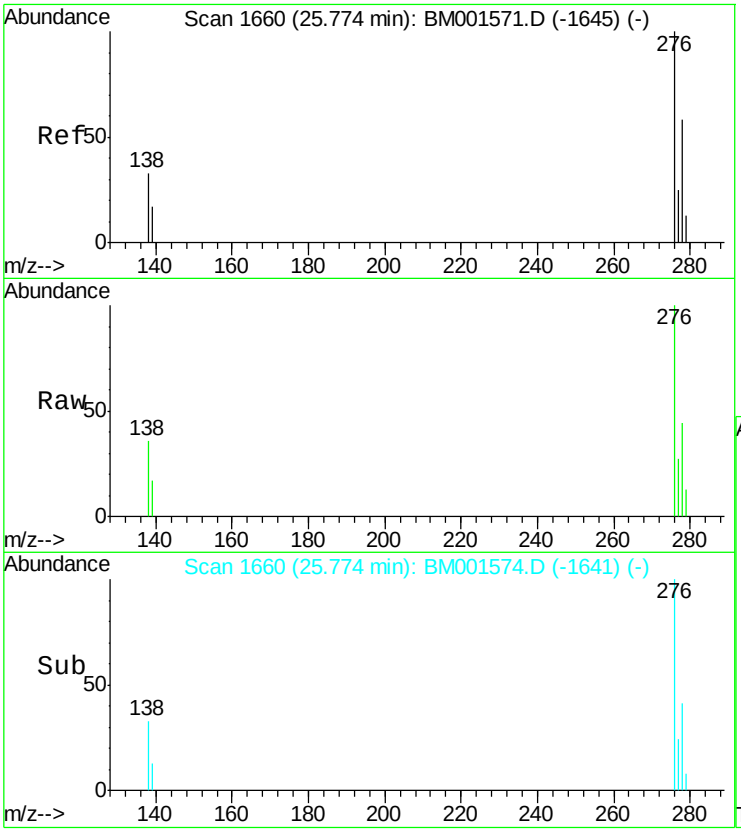


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.19 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:149 Resp: 1852

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.2	30.2
279	2.4	1.8	2.6

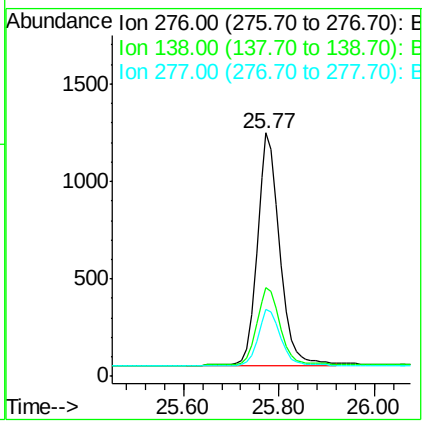




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 25.77 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:276 Resp: 3973

Ion	Ratio	Lower	Upper
276	100		
138	35.7	28.0	42.0
277	24.7	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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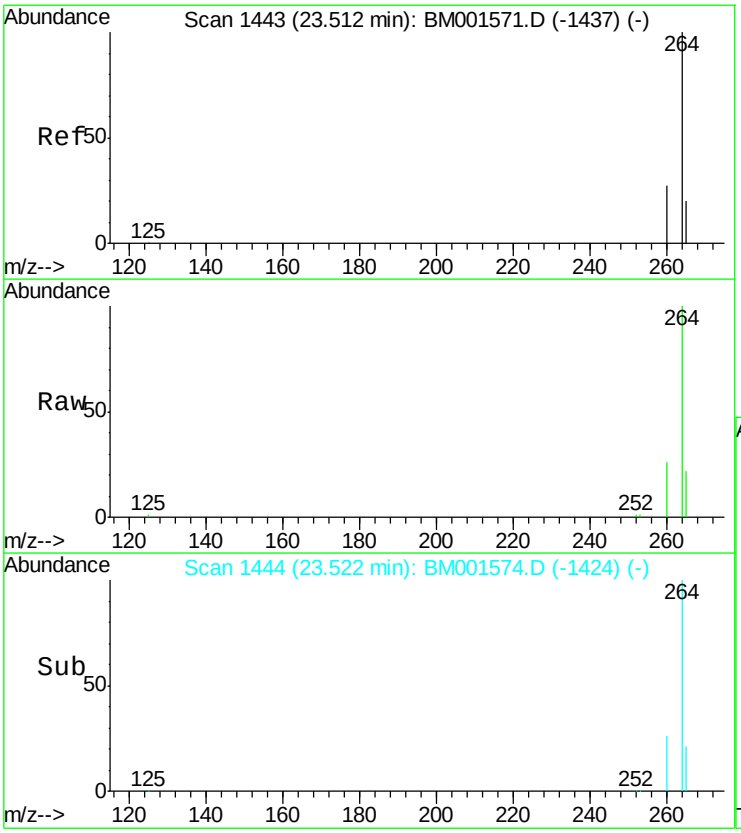
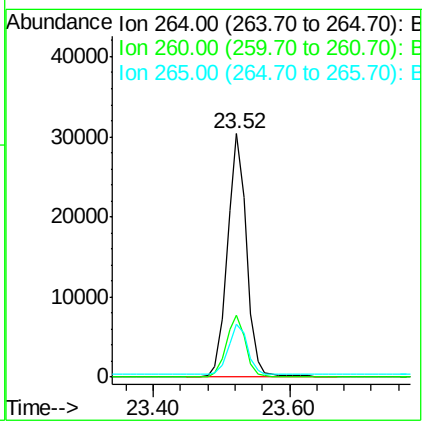
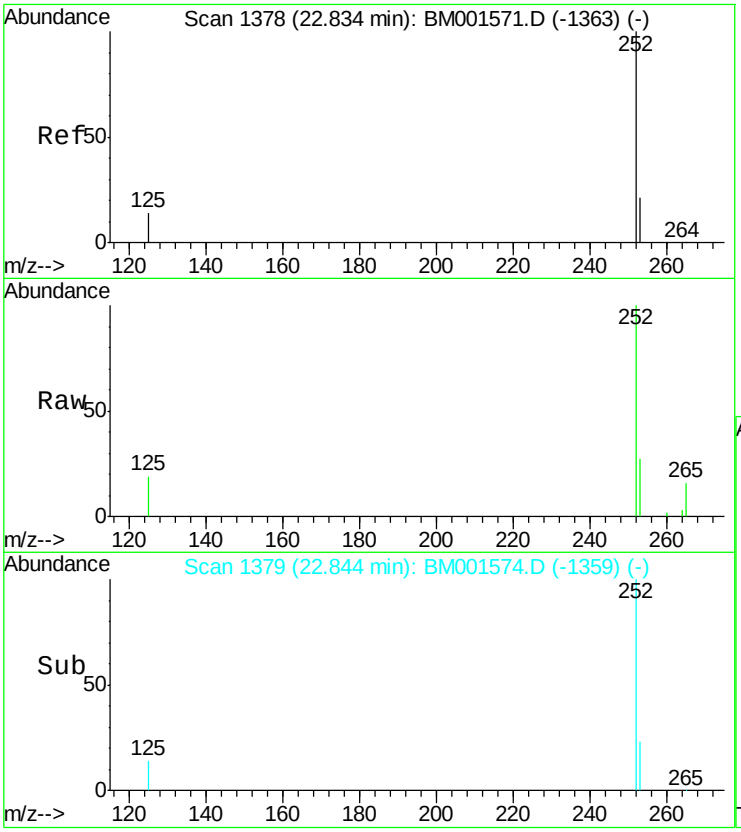


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:264 Resp: 58386

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.6	32.4
265	21.7	16.5	24.7





#33
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:252 Resp: 3541

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.4	26.2#
125	19.1	11.8	17.8#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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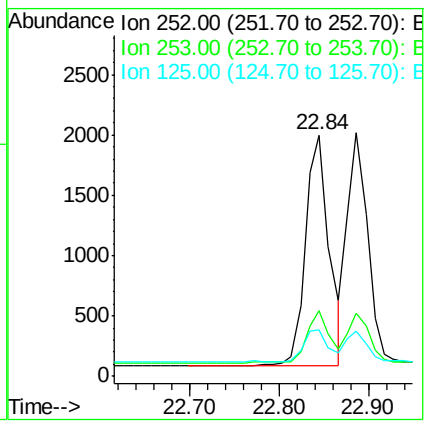
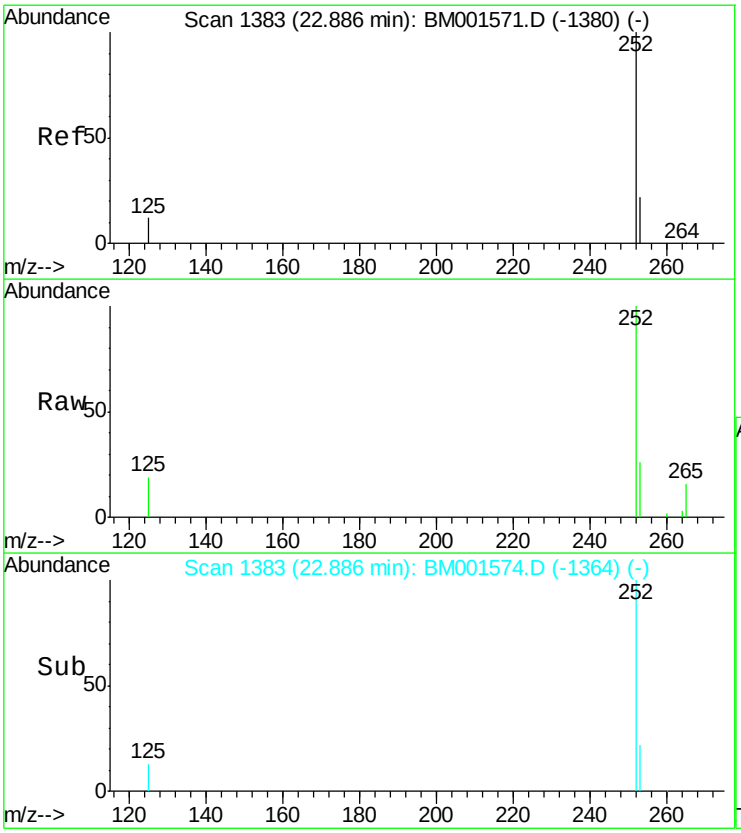
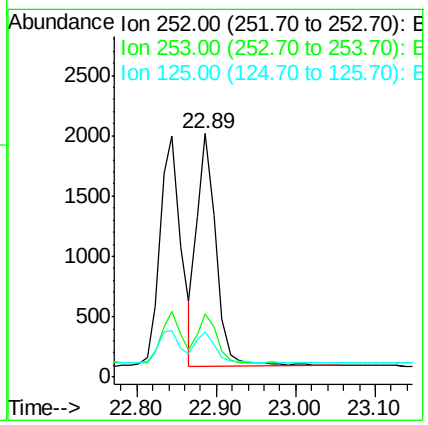


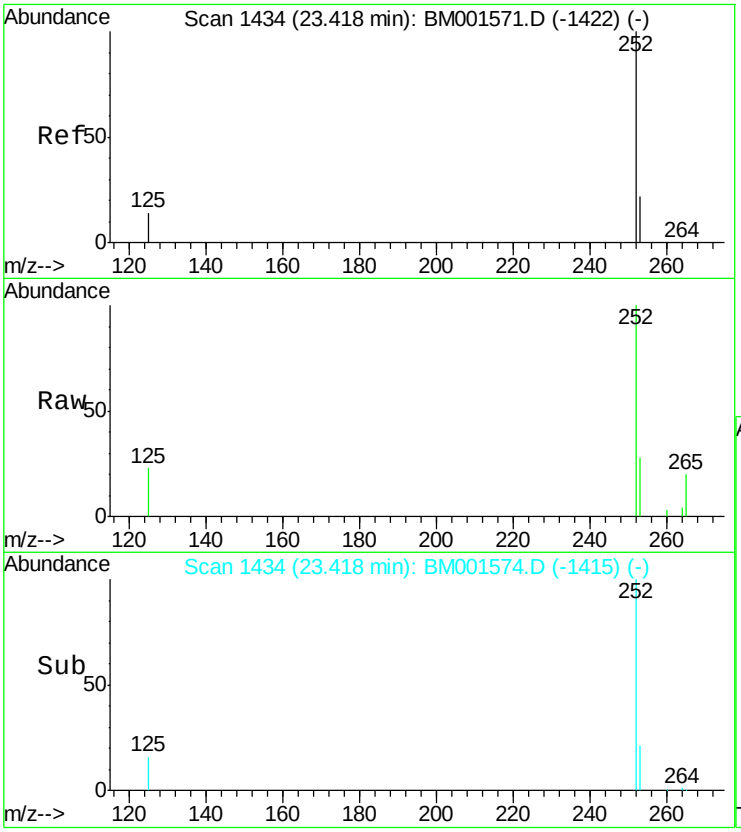


#34
Benzo(k)fluoranthene
Concen: 0.21 ng
RT: 22.89 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:252 Resp: 3160

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.8	28.2
125	18.8	10.7	16.1#





#35
Benzo(a)pyrene
Concen: 0.21 ng
RT: 23.42 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:252 Resp: 3057

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.8	28.2
125	22.6	12.1	18.1#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

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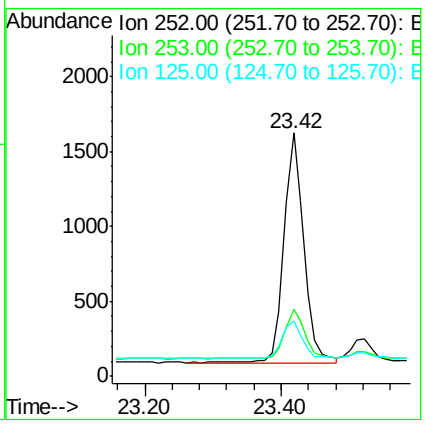
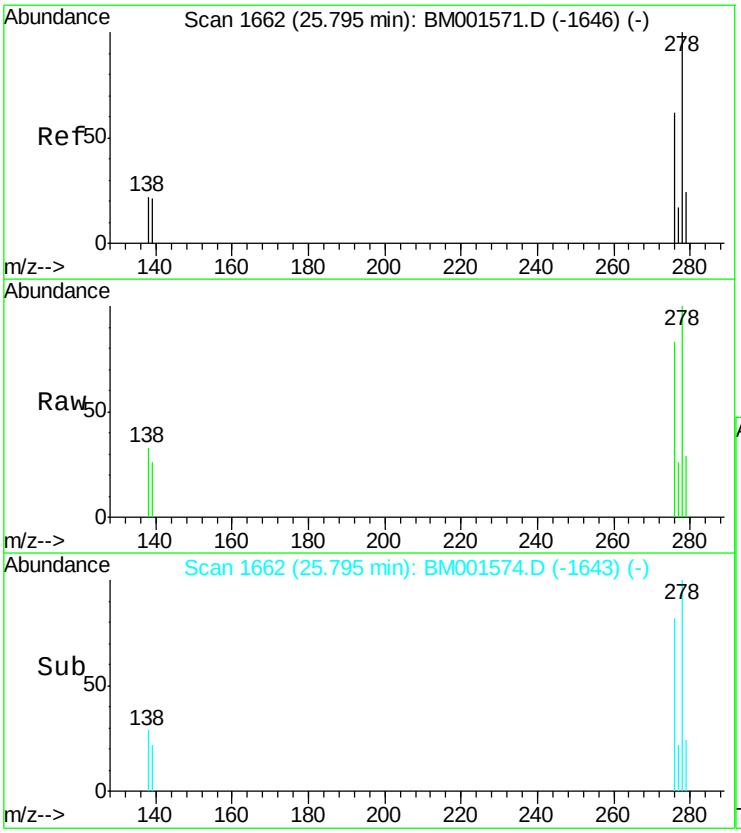
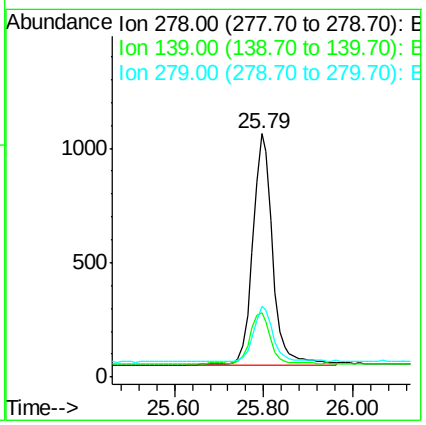


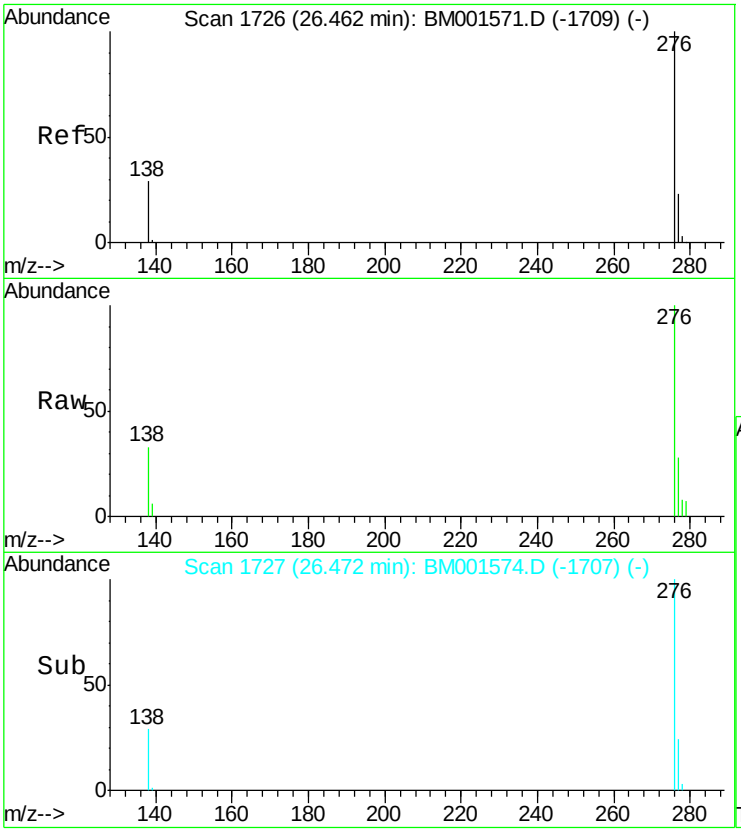


#36
Dibenzo(a,h)anthracene
Concen: 0.23 ng
RT: 25.79 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:278 Resp: 3161

Ion	Ratio	Lower	Upper
278	100		
139	26.3	17.4	26.0#
279	28.9	20.0	30.0

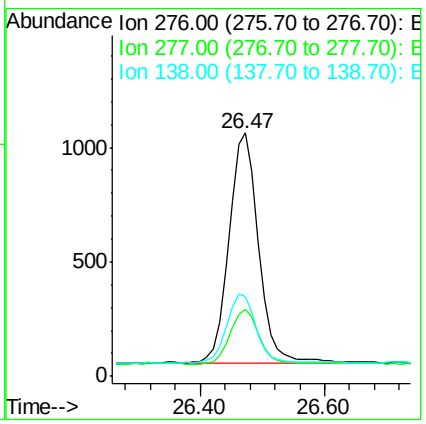




#37
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 26.47 min Scan# 1727
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:276 Resp: 3314

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.2	28.8
138	32.9	23.7	35.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
apatel
6/8/2015 2:47:39 PM