Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001147.D
Acq On : 02 May 2015 00:56
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM050115

Manual Integrations APPROVED
apatel
5/5/2015 8:03:38 AM

Quant Time: May 04 17:02:19 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 16:48:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	15486	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	60545	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	34453	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	83132	5.00	ng		0.00
24) Chrysene-d12	21.15	240	73746	5.00	ng		0.00
30) Perylene-d12	23.29	264	65049	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	3074	1.02	ng		0.00
5) Phenol-d6	6.71	99	3732	1.01	ng		0.00
7) Nitrobenzene-d5	8.69	82	3360	0.98	ng		0.00
13) 2,4,6-Tribromophenol	15.69	330	1863	1.24	ng		0.00
14) 2-Fluorobiphenyl	12.81	172	11703	1.03	ng		0.00
26) Terphenyl-d14	19.59	244	10351	1.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	1614	0.88	ng		88
3) n-Nitrosodimethylamine	3.34	42	1931	1.02	ng	#	99
8) Nitrobenzene	8.73	77	3807	0.98	ng		99
9) Naphthalene	10.36	128	13683	1.03	ng		100
10) Hexachlorobutadiene	10.65	225	2615	1.02	ng		100
11) 2-Methylnaphthalene	11.98	142	9331m	1.02	ng		
15) Acenaphthylene	13.91	152	15152	1.01	ng	#	100
16) Acenaphthene	14.24	154	10469	1.01	ng		98
17) Fluorene	15.24	166	12502	1.04	ng		100
19) Hexachlorobenzene	16.26	284	4535	1.01	ng	#	96
20) Pentachlorophenol	16.61	266	961	0.85	ng		99
21) Phenanthrene	16.98	178	22104	1.03	ng		99
22) Anthracene	17.08	178	17939	1.01	ng		100
23) Fluoranthene	19.01	202	22029	1.02	ng		100
25) Pyrene	19.38	202	23498	1.02	ng		100
27) Benzo(a)anthracene	21.13	228	21119	1.02	ng		97
28) Chrysene	21.18	228	20564	1.01	ng		95
29) Indeno(1,2,3-cd)pyrene	25.43	276	18867	1.01	ng		100
31) Benzo(b)fluoranthene	22.65	252	19359	0.97	ng		97
32) Benzo(k)fluoranthene	22.69	252	19091	1.02	ng		96
33) Benzo(a)pyrene	23.20	252	16611	0.98	ng		99
34) Dibenzo(a,h)anthracene	25.44	278	14702	0.99	ng		98
35) Benzo(g,h,i)perylene	26.09	276	15379	0.98	ng		98

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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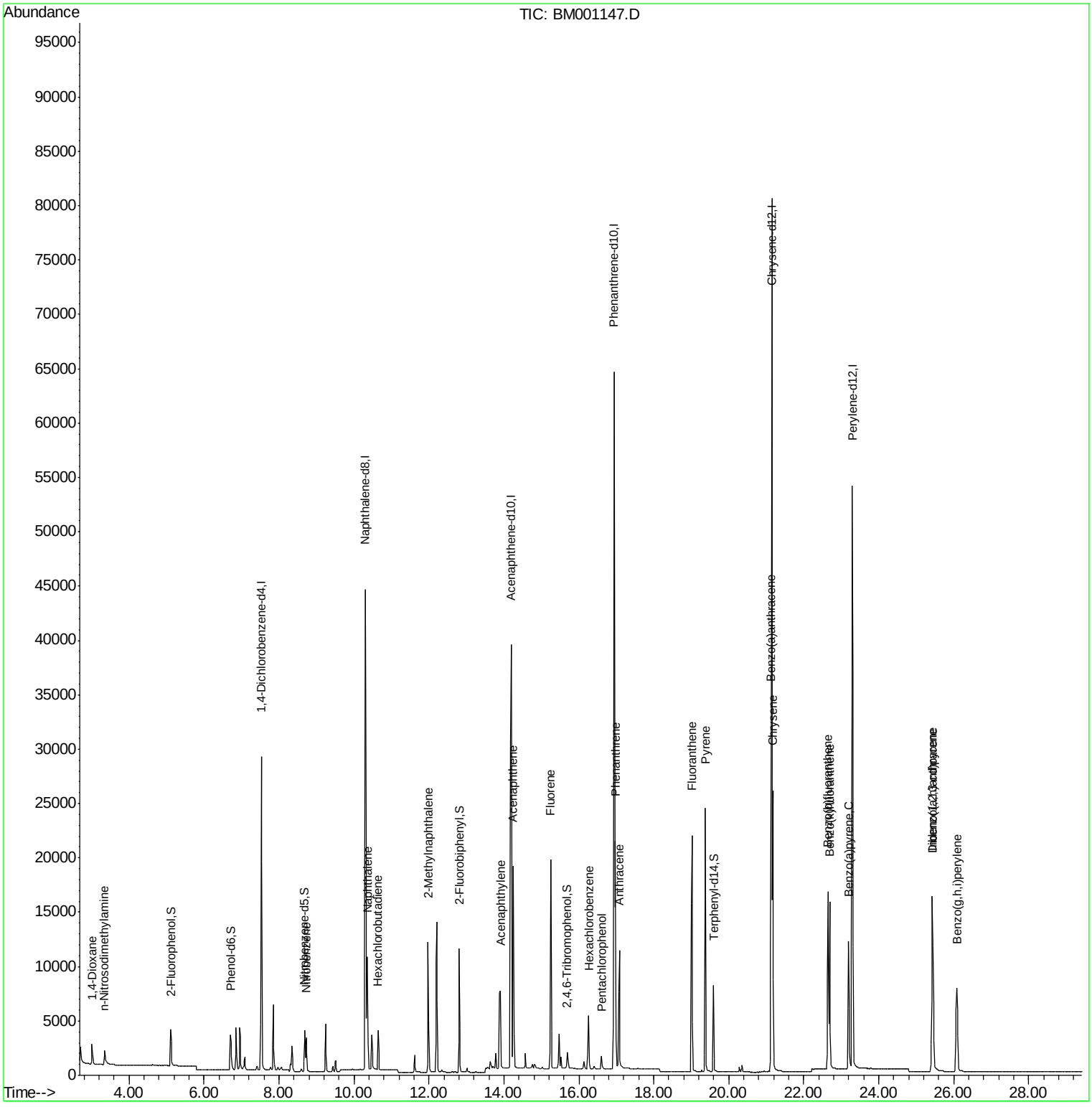
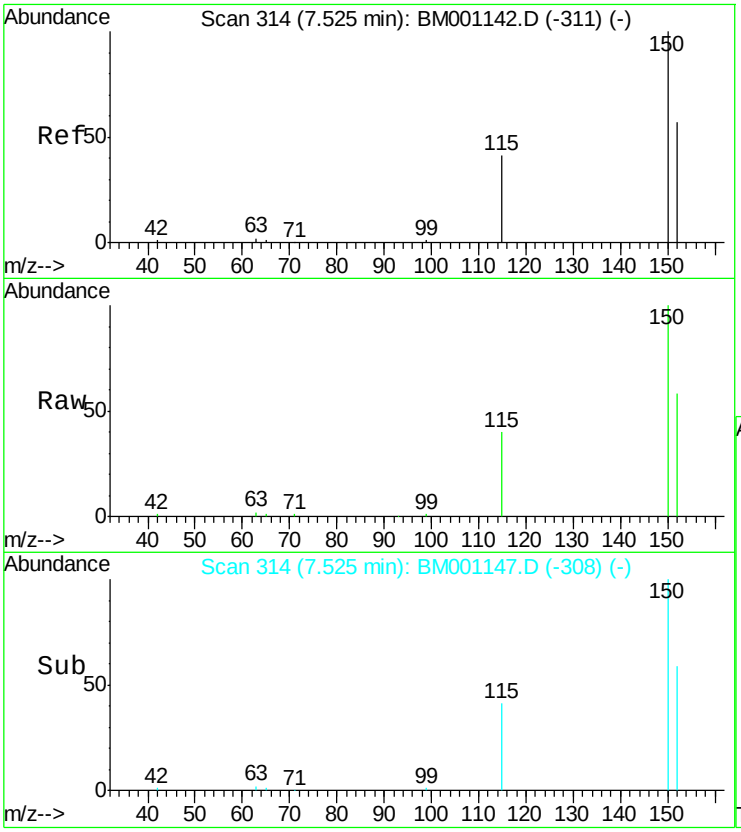
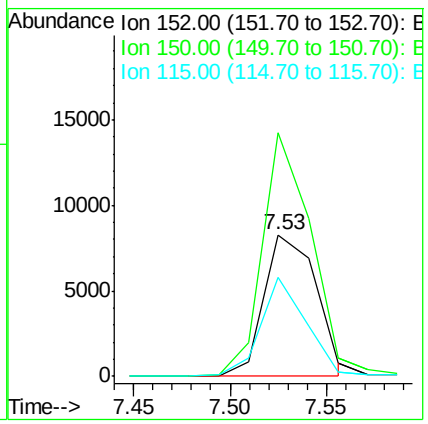




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:152 Resp: 15486

Ion	Ratio	Lower	Upper
152	100		
150	172.0	140.1	210.1
115	69.7	57.8	86.6



Instrument :
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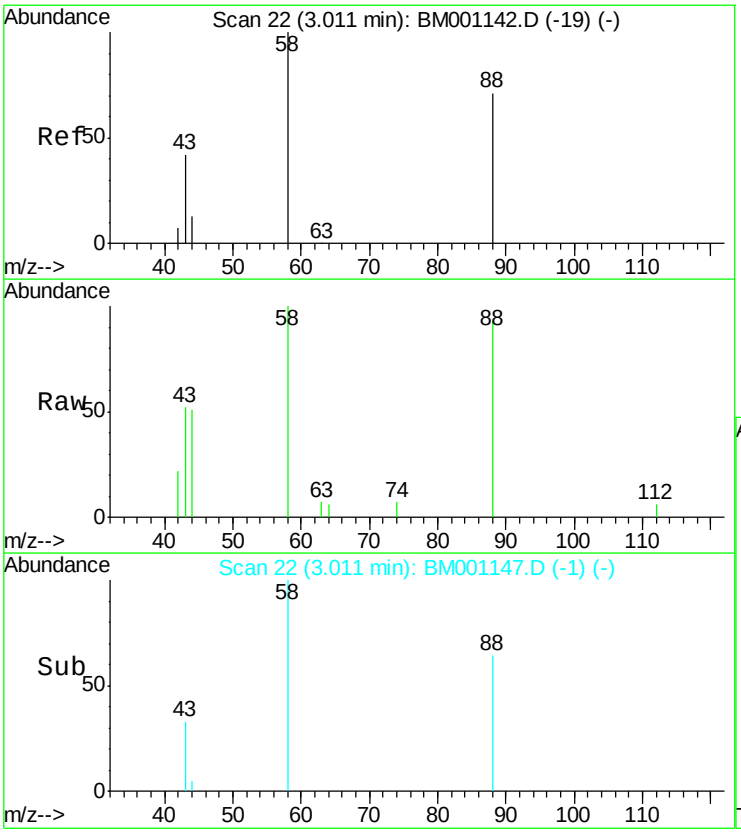
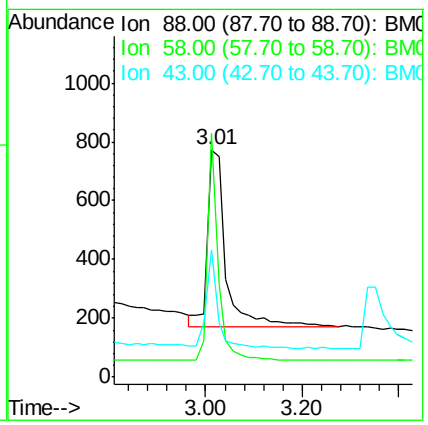
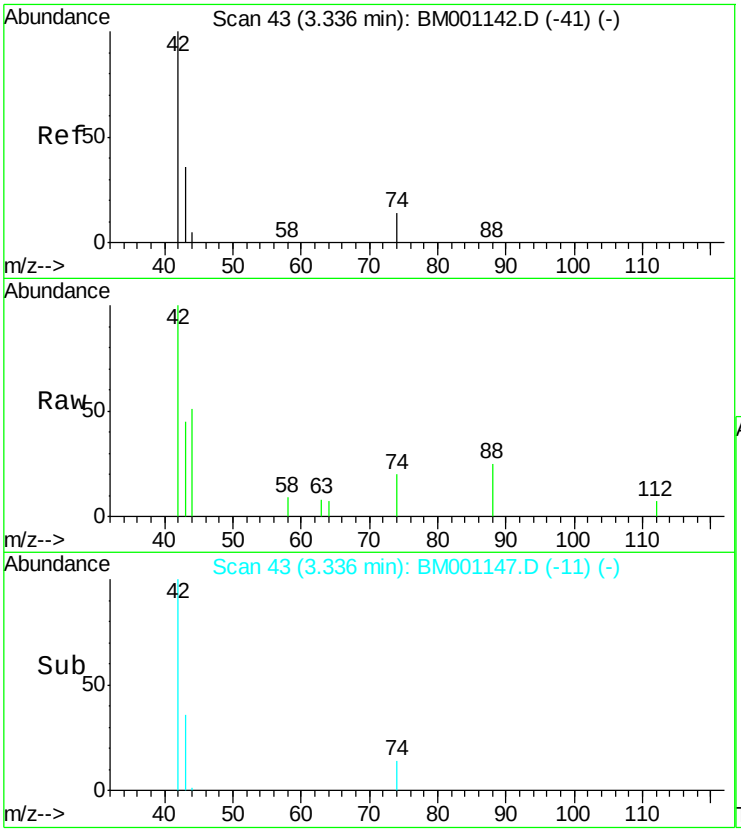


#2
1,4-Dioxane
Concen: 0.88 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion: 88 Resp: 1614

Ion	Ratio	Lower	Upper
88	100		
58	71.5	48.2	72.2
43	35.2	24.8	37.2

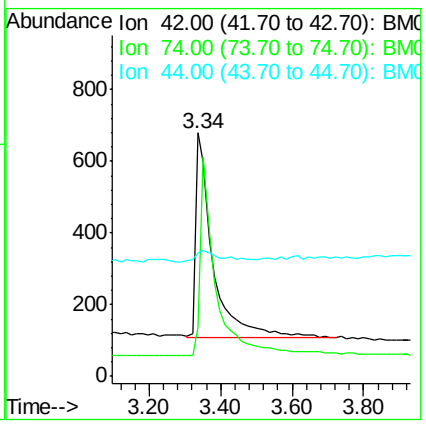




#3
n-Nitrosodimethylamine
Concen: 1.02 ng
RT: 3.34 min Scan# 43
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion: 42 Resp: 1931

Ion	Ratio	Lower	Upper
42	100		
74	88.9	72.0	108.0
44	6.2	3.7	5.5#



Instrument :
BNA_M
ClientSampleId :
ICVBM050115

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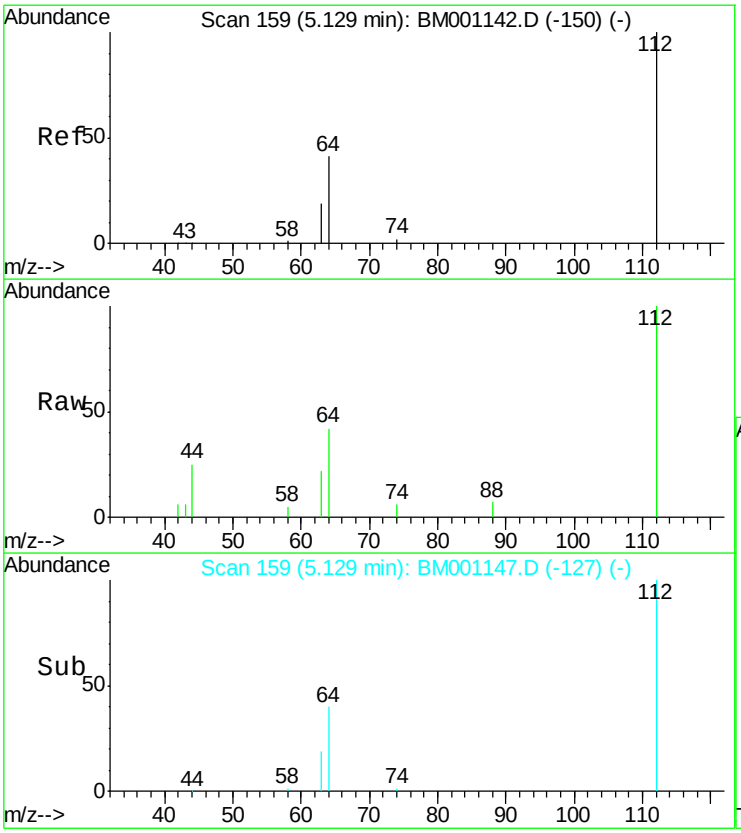
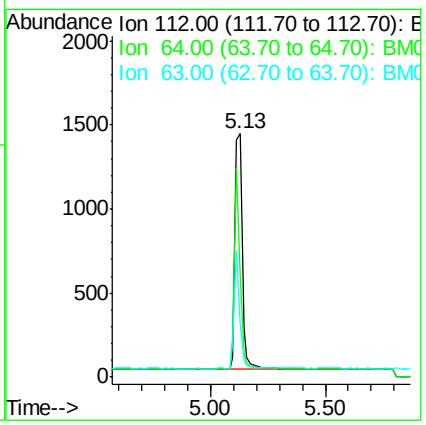
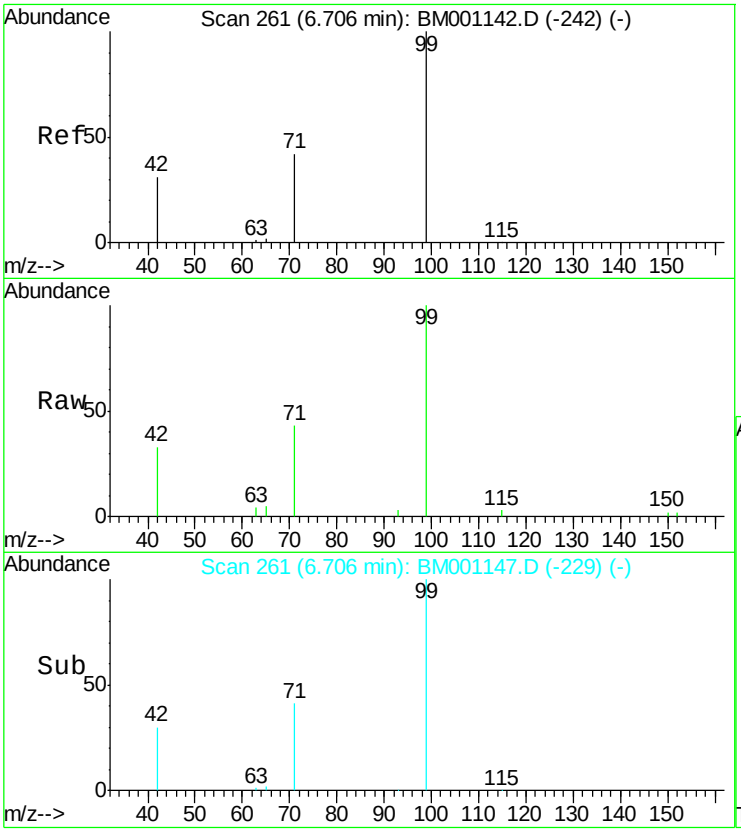


#4
2-Fluorophenol
Concen: 1.02 ng
RT: 5.13 min Scan# 159
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:112 Resp: 3074

Ion	Ratio	Lower	Upper
112	100		
64	64.9	52.6	79.0
63	36.1	29.5	44.3

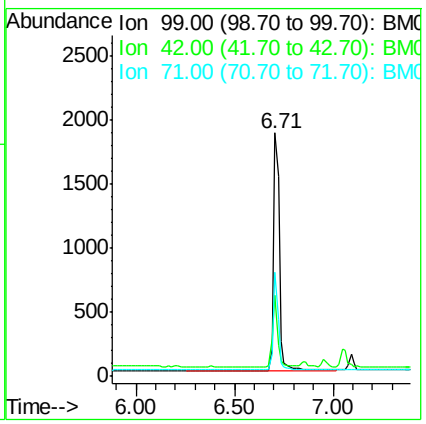




#5
Phenol-d6
Concen: 1.01 ng
RT: 6.71 min Scan# 261
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion: 99 Resp: 3732

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.9	31.3
71	35.4	28.5	42.7



Instrument :
BNA_M
ClientSampleId :
ICVBM050115

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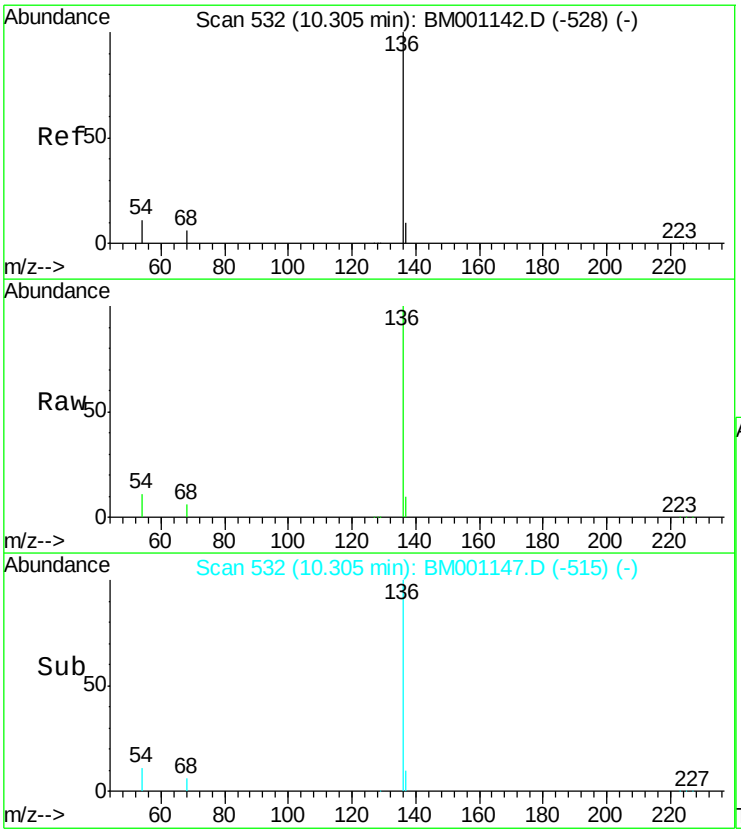
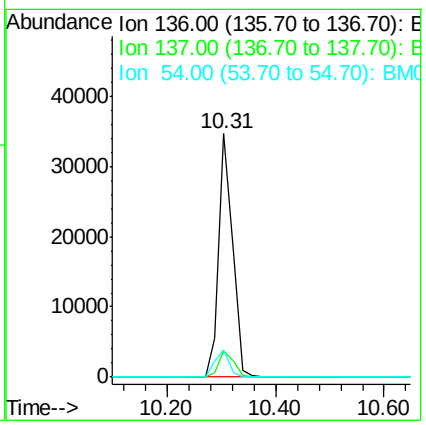
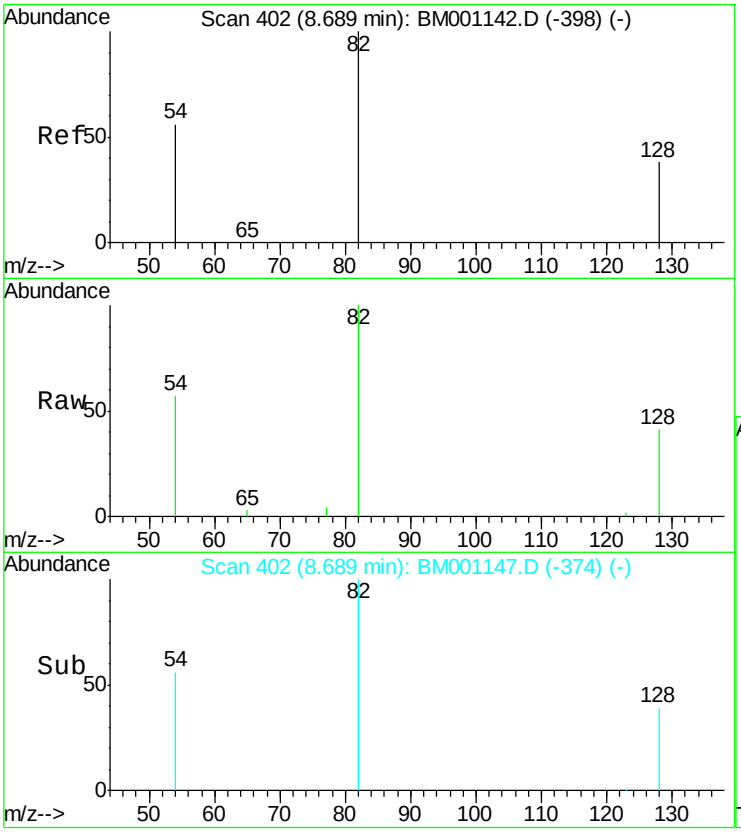


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 532
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:136 Resp: 60545

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	11.2	9.0	13.4

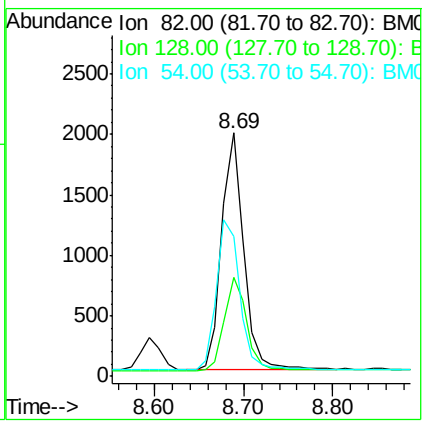




#7
Nitrobenzene-d5
Concen: 0.98 ng
RT: 8.69 min Scan# 402
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion: 82 Resp: 3360

Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.9	47.9
54	57.4	46.2	69.2



Instrument :
BNA_M
ClientSampleId :
ICVBM050115

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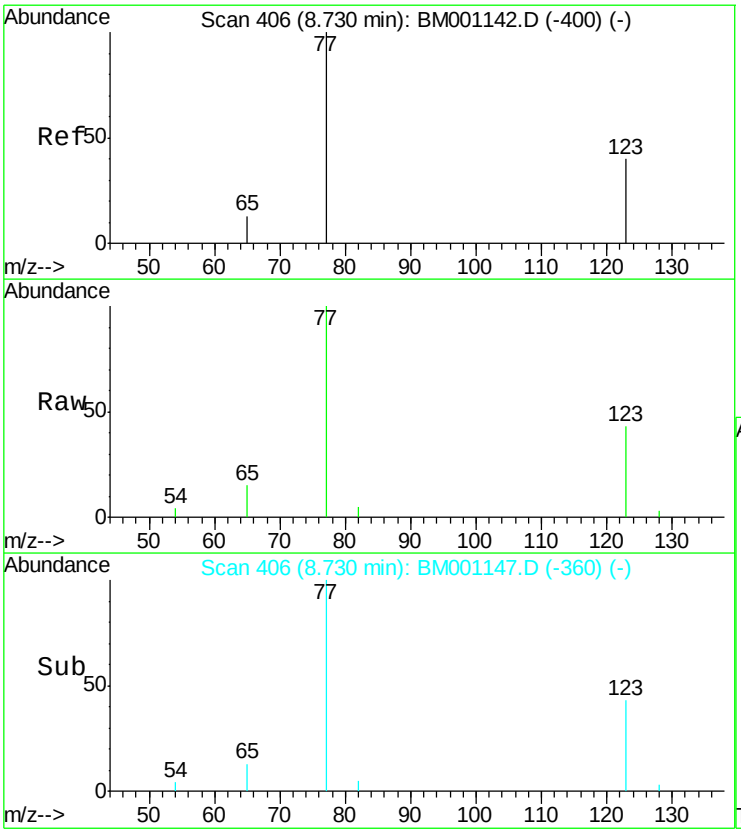
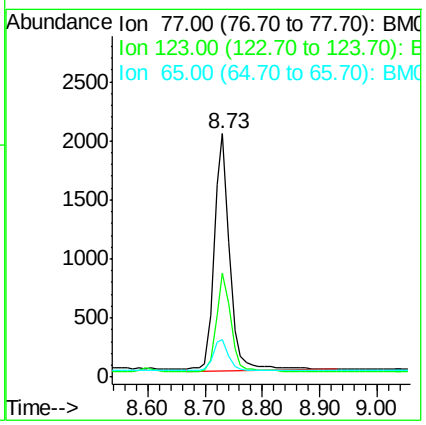
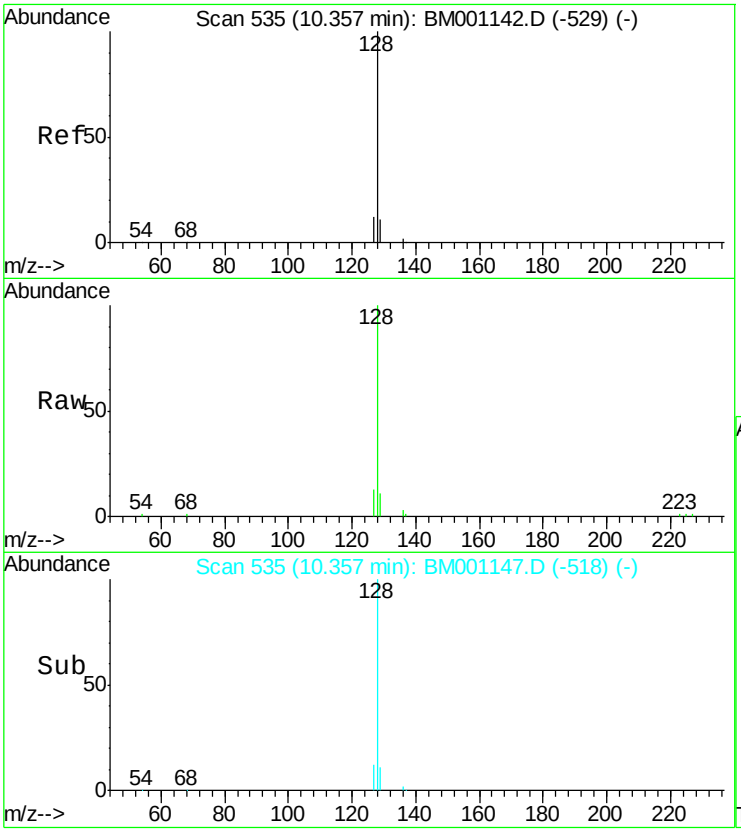


#8
Nitrobenzene
Concen: 0.98 ng
RT: 8.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion: 77 Resp: 3807

Ion	Ratio	Lower	Upper
77	100		
123	38.4	31.0	46.6
65	13.2	10.6	15.8

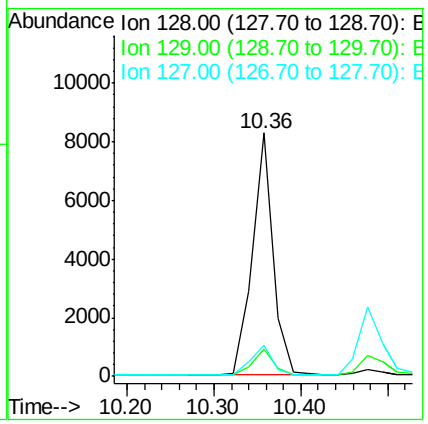




#9
Naphthalene
Concen: 1.03 ng
RT: 10.36 min Scan# 535
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:128 Resp: 13683

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	12.7	10.0	15.0



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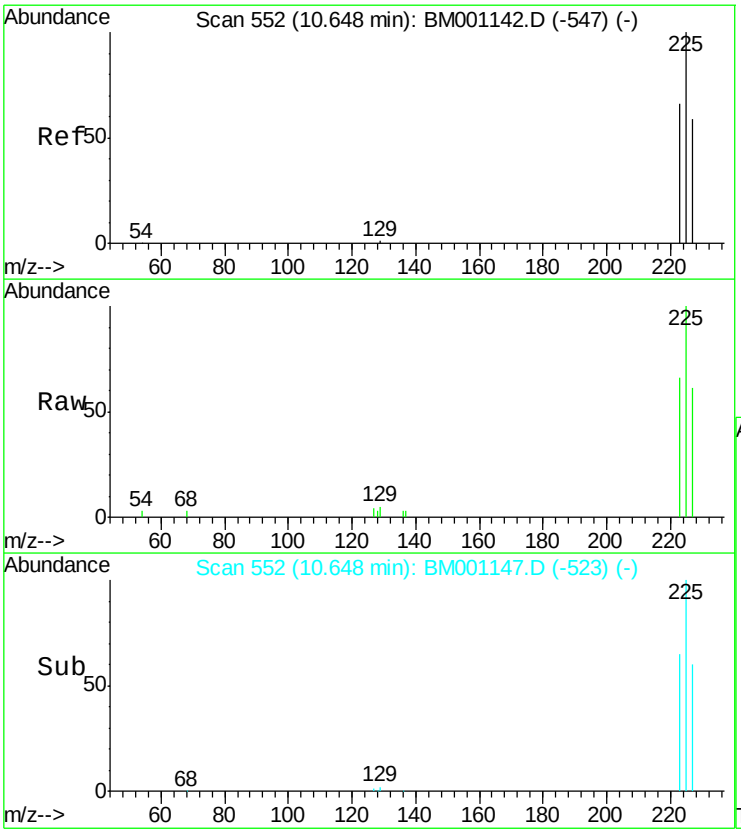
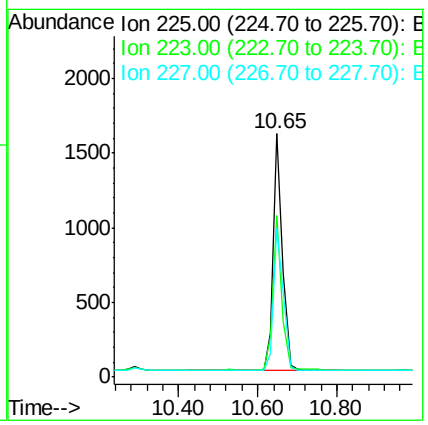
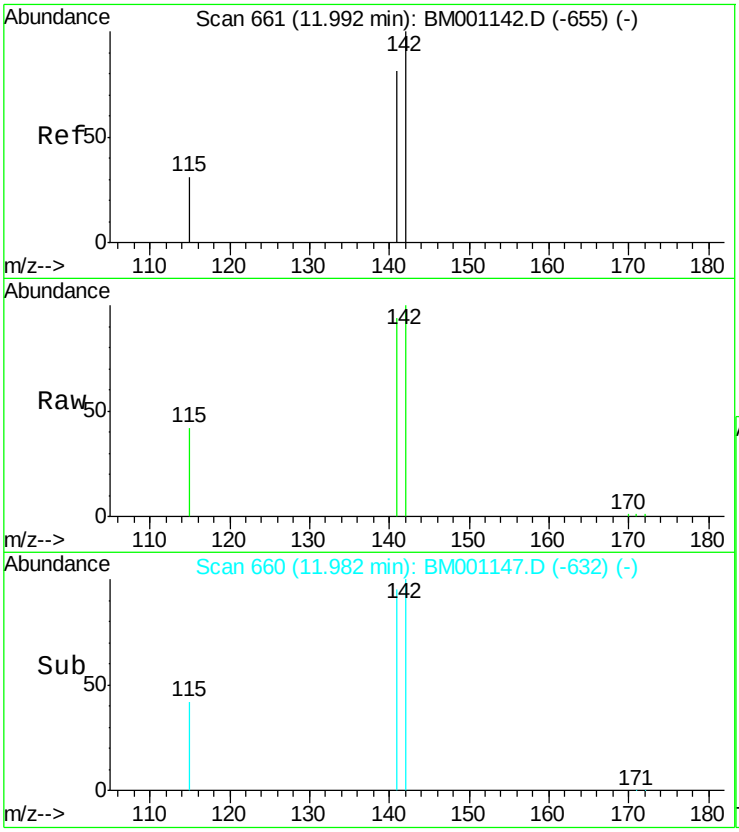


#10
Hexachlorobutadiene
Concen: 1.02 ng
RT: 10.65 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:225 Resp: 2615

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.8	76.2
227	63.8	51.0	76.4

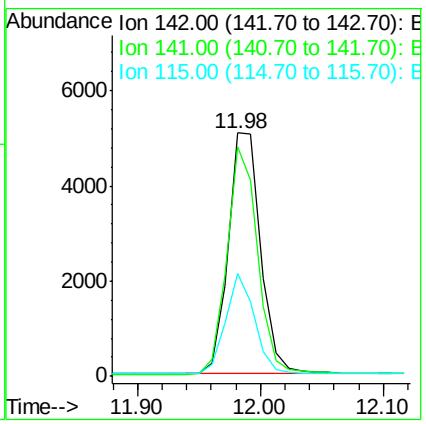




#11
2-Methylnaphthalene
Concen: 1.02 ng m
RT: 11.98 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:142 Resp: 9331

Ion	Ratio	Lower	Upper
142	100		
141	94.4	65.1	97.7
115	42.1	25.1	37.7#



Instrument :
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ClientSampleId :
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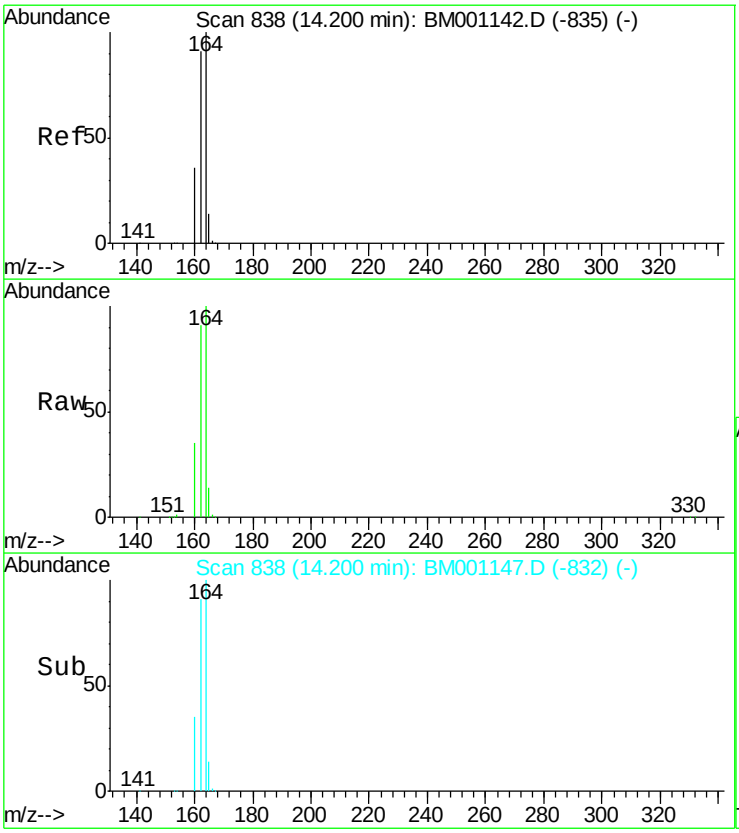
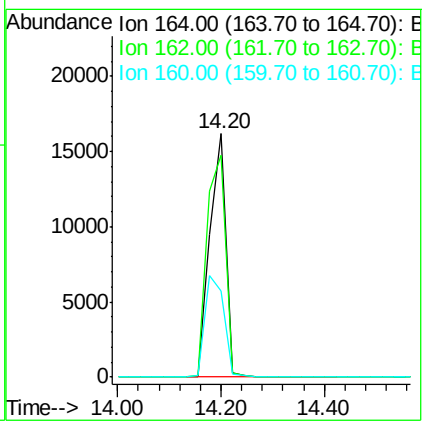
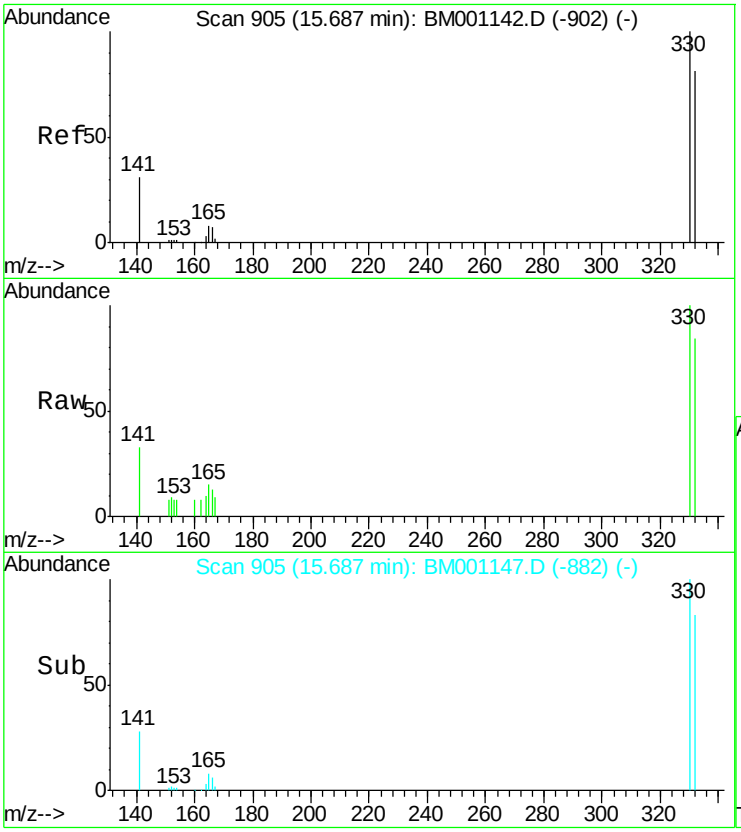


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 838
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:164 Resp: 34453

Ion	Ratio	Lower	Upper
164	100		
162	91.0	72.7	109.1
160	35.4	28.7	43.1

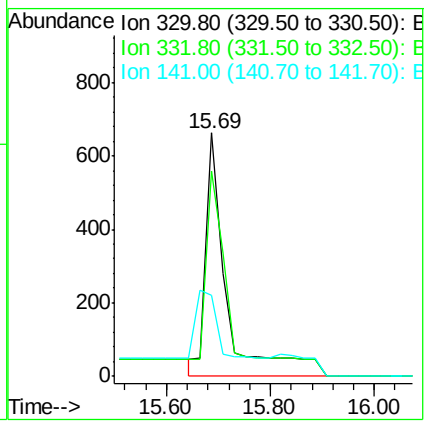




#13
2,4,6-Tribromophenol
Concen: 1.24 ng
RT: 15.69 min Scan# 905
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:330 Resp: 1863

Ion	Ratio	Lower	Upper
330	100		
332	96.3	74.5	111.7
141	0.0	21.0	31.4#



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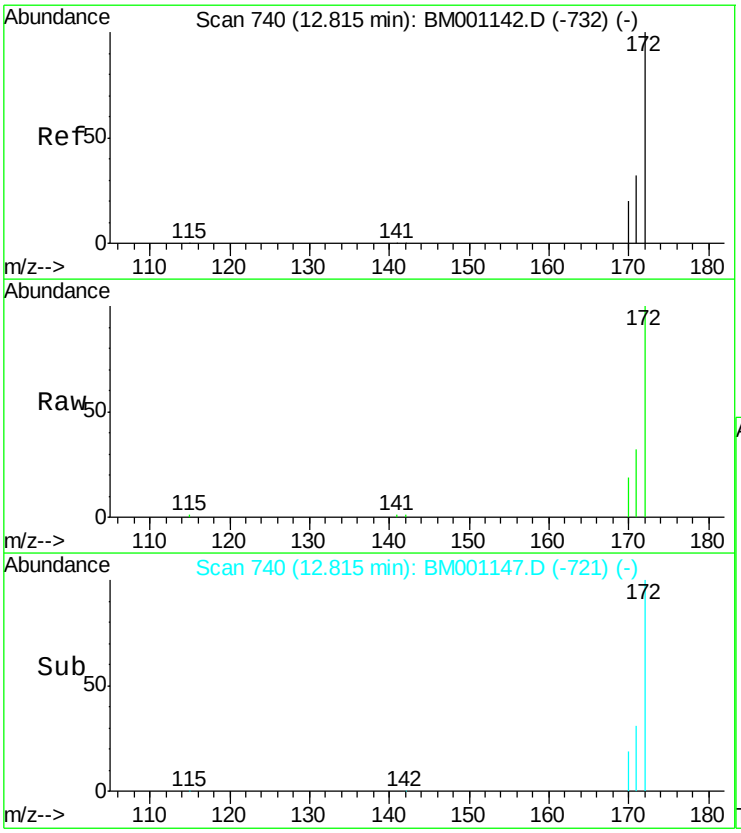
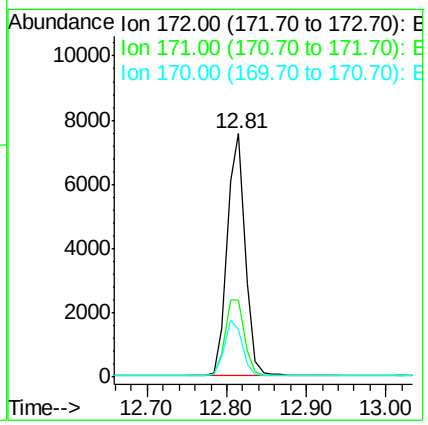
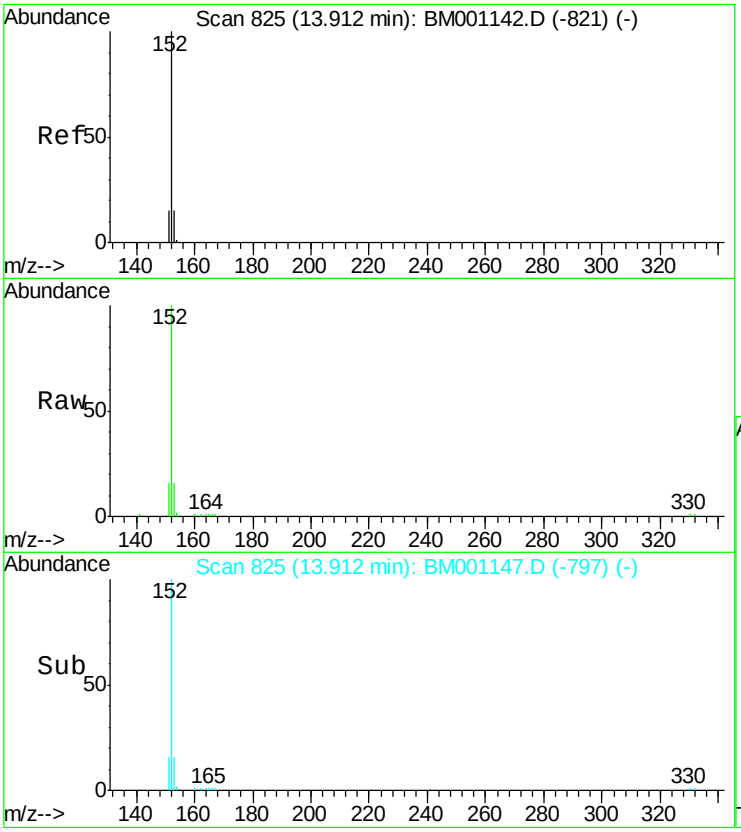


#14
2-Fluorobiphenyl
Concen: 1.03 ng
RT: 12.81 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:172 Resp: 11703

Ion	Ratio	Lower	Upper
172	100		
171	31.8	25.8	38.6
170	19.5	16.1	24.1

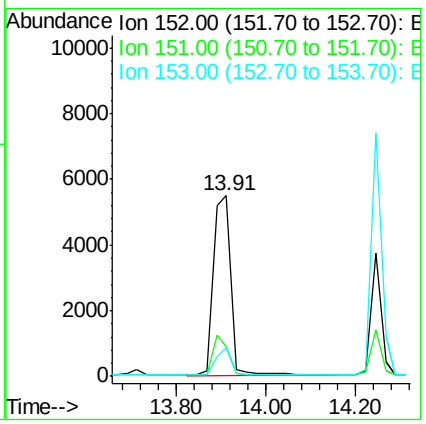




#15
Acenaphthylene
Concen: 1.01 ng
RT: 13.91 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:152 Resp: 15152

Ion	Ratio	Lower	Upper
152	100		
151	0.0	0.0	0.0
153	12.8	10.3	15.5



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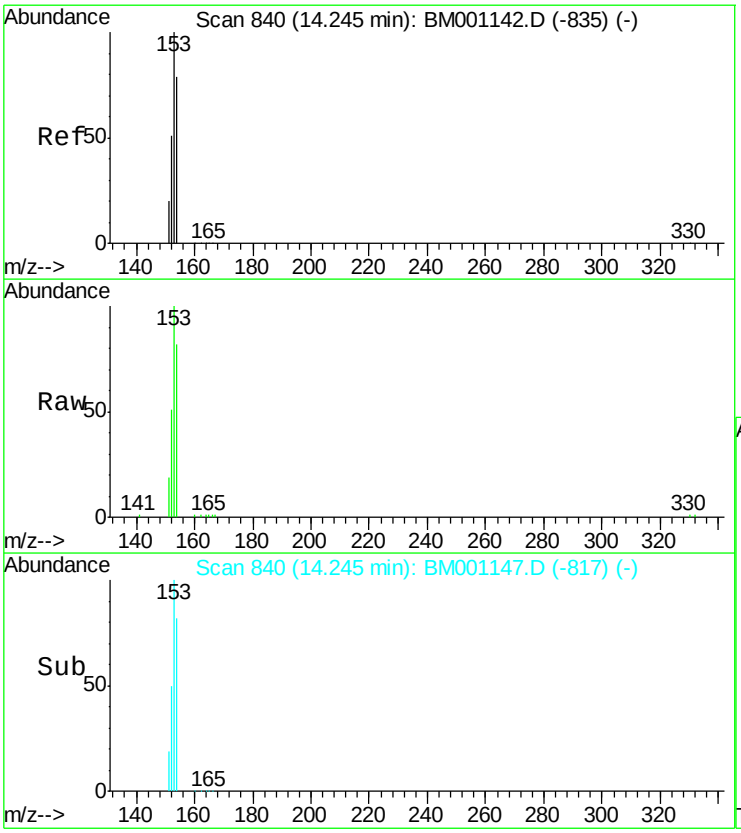
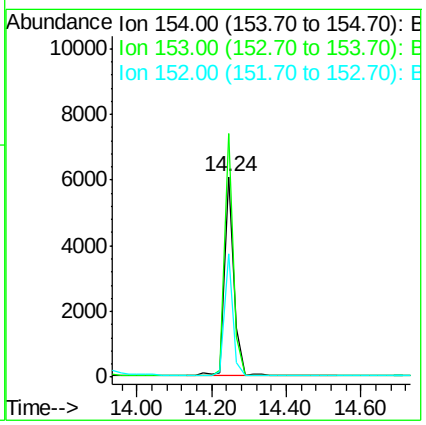
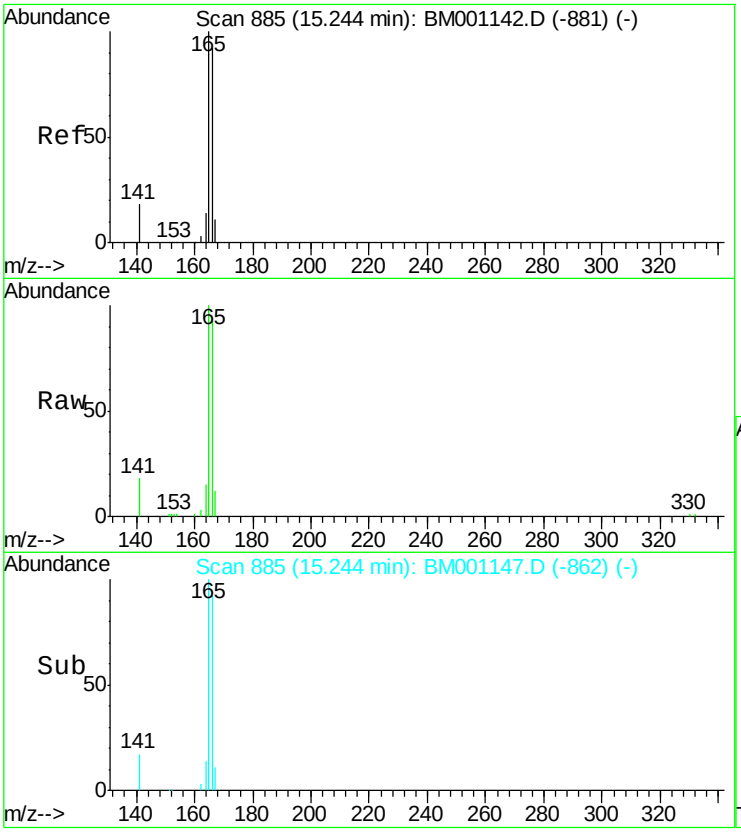


#16
Acenaphthene
Concen: 1.01 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:154 Resp: 10469

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.6	136.0
152	54.9	45.0	67.4

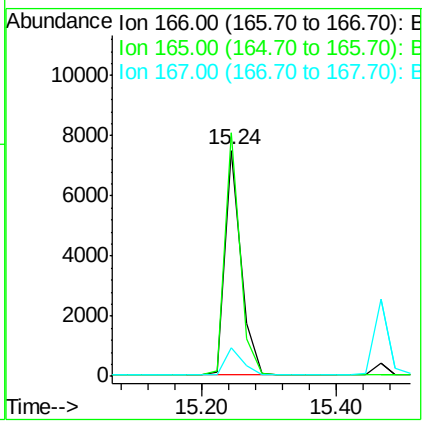




#17
Fluorene
Concen: 1.04 ng
RT: 15.24 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:166 Resp: 12502

Ion	Ratio	Lower	Upper
166	100		
165	101.3	81.0	121.6
167	13.0	10.4	15.6



Instrument :
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ClientSampleId :
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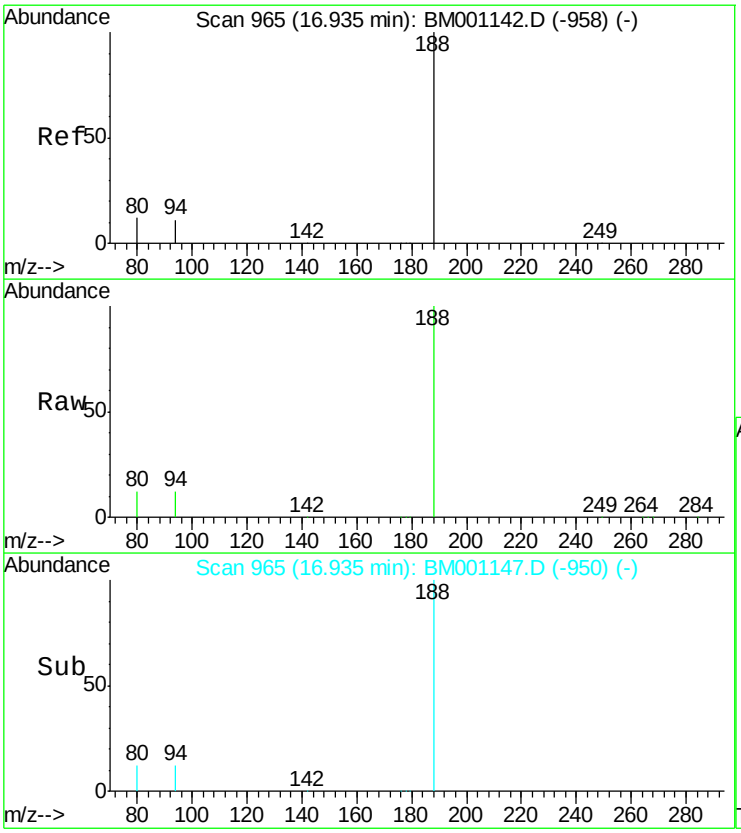
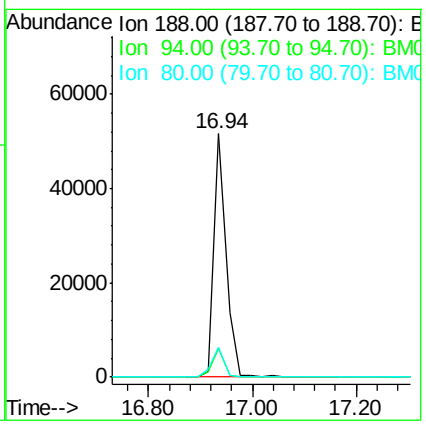
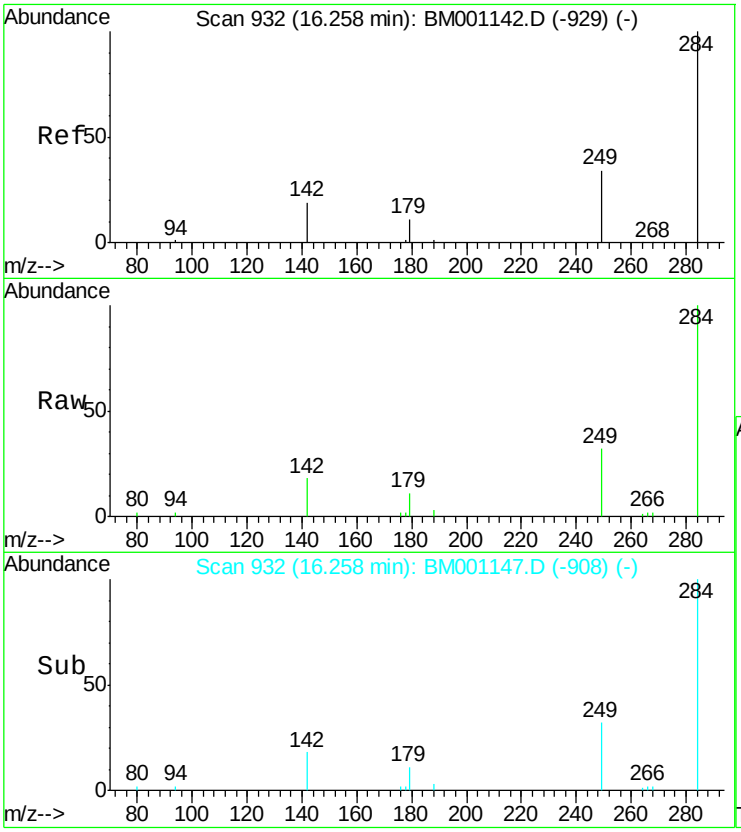


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 965
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:188 Resp: 83132

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.3	13.9
80	12.4	9.8	14.6

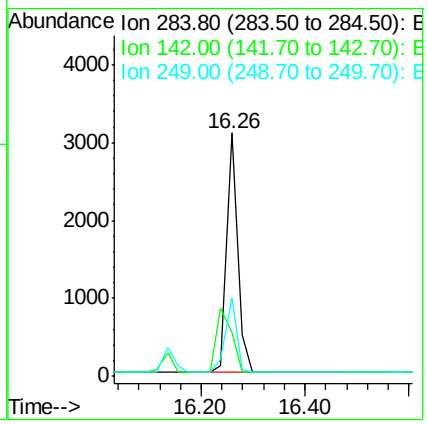




#19
Hexachlorobenzene
Concen: 1.01 ng
RT: 16.26 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:284 Resp: 4535

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	35.5	26.5	39.7



Instrument :
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ClientSampleId :
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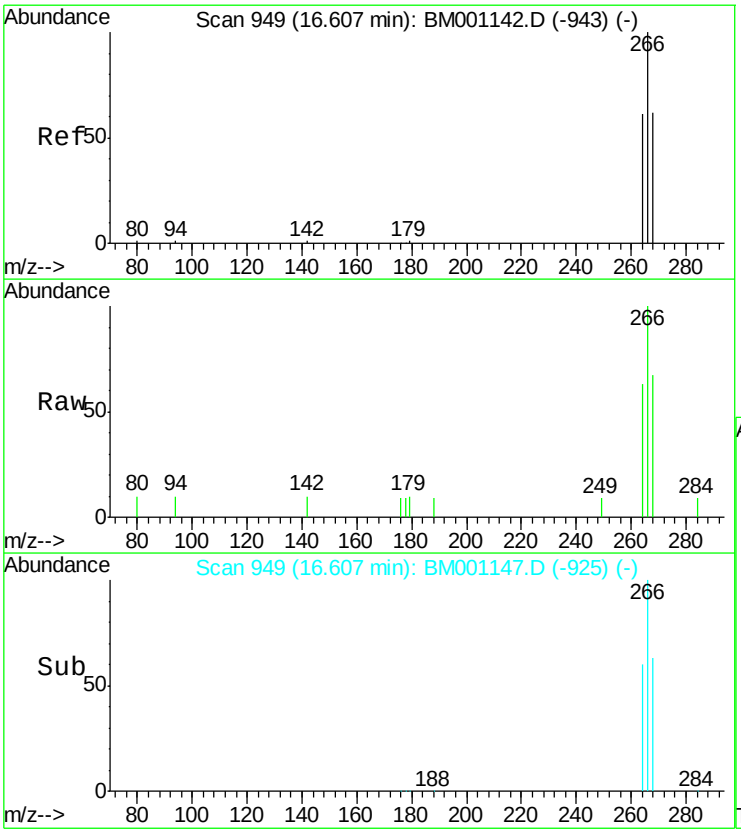
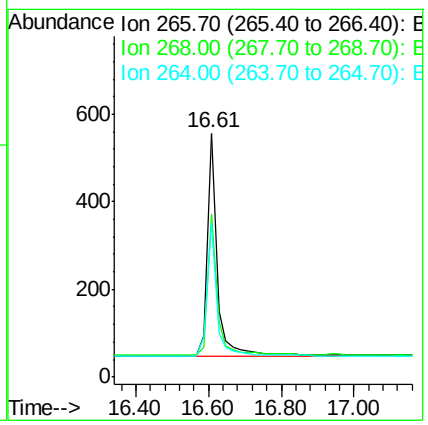
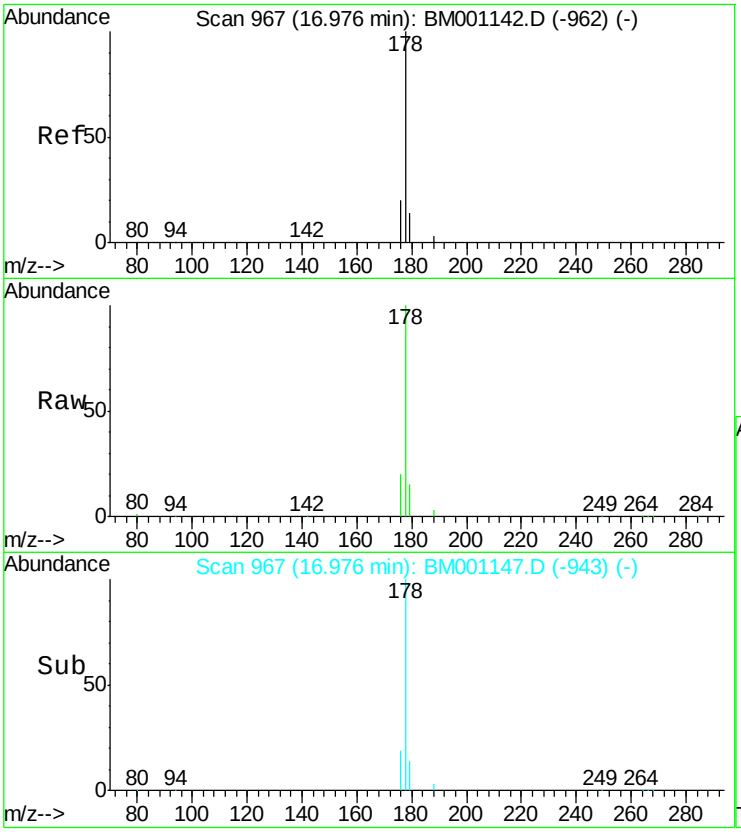


#20
Pentachlorophenol
Concen: 0.85 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:266 Resp: 961

Ion	Ratio	Lower	Upper
266	100		
268	66.7	52.6	79.0
264	63.1	51.0	76.4

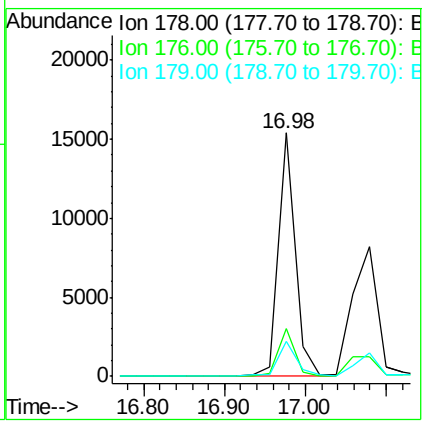




#21
Phenanthrene
Concen: 1.03 ng
RT: 16.98 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:178 Resp: 22104

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.1	12.0	18.0



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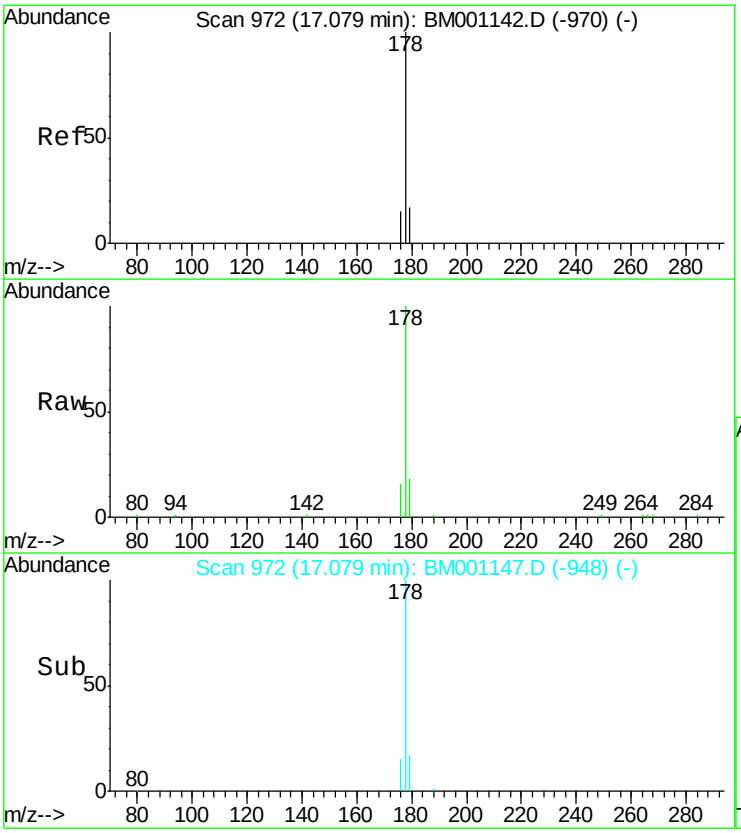
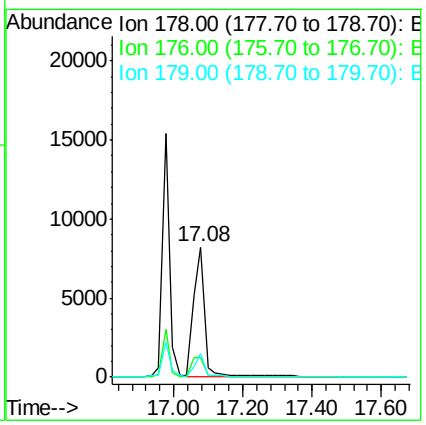
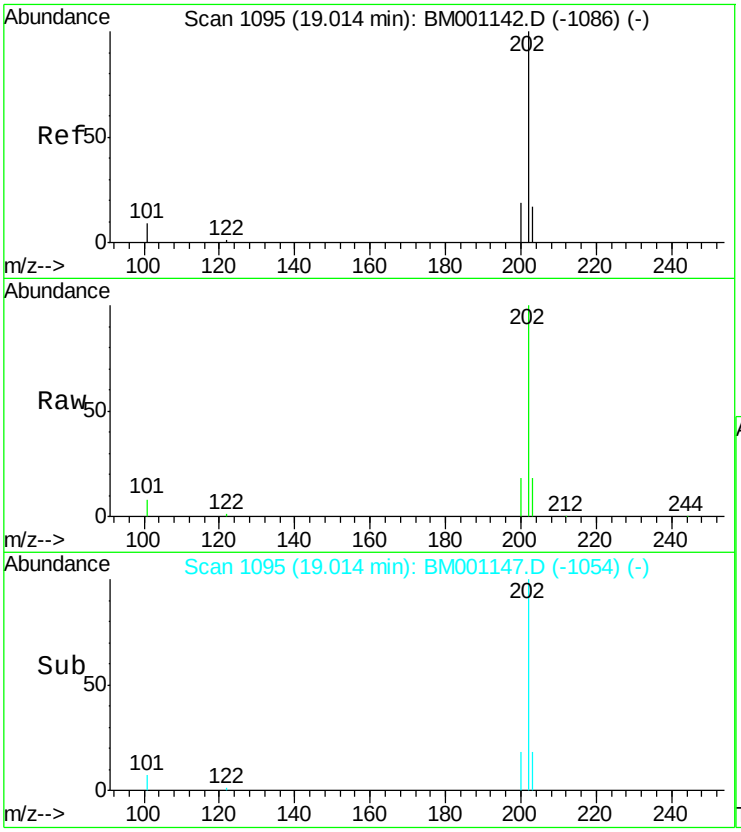


#22
Anthracene
Concen: 1.01 ng
RT: 17.08 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:178 Resp: 17939

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.7	12.2	18.2

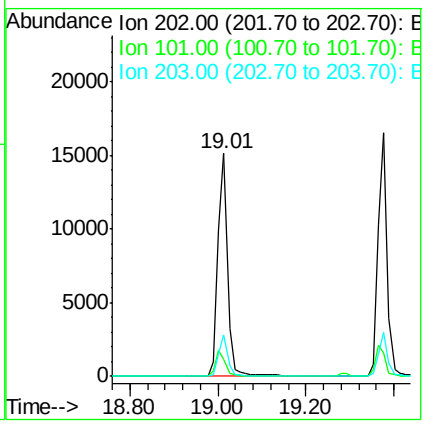




#23
Fluoranthene
Concen: 1.02 ng
RT: 19.01 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:202 Resp: 22029

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.3	13.9
203	17.2	13.7	20.5



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ClientSampleId :
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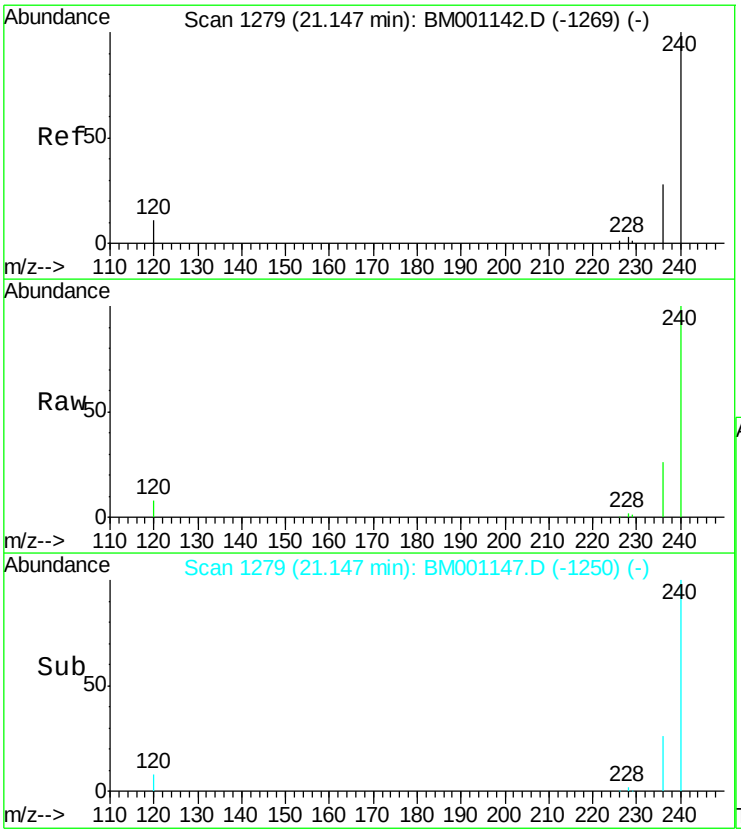
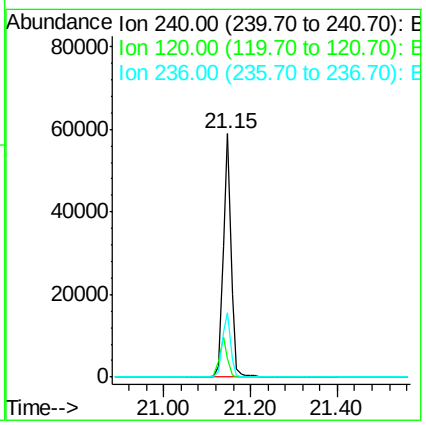
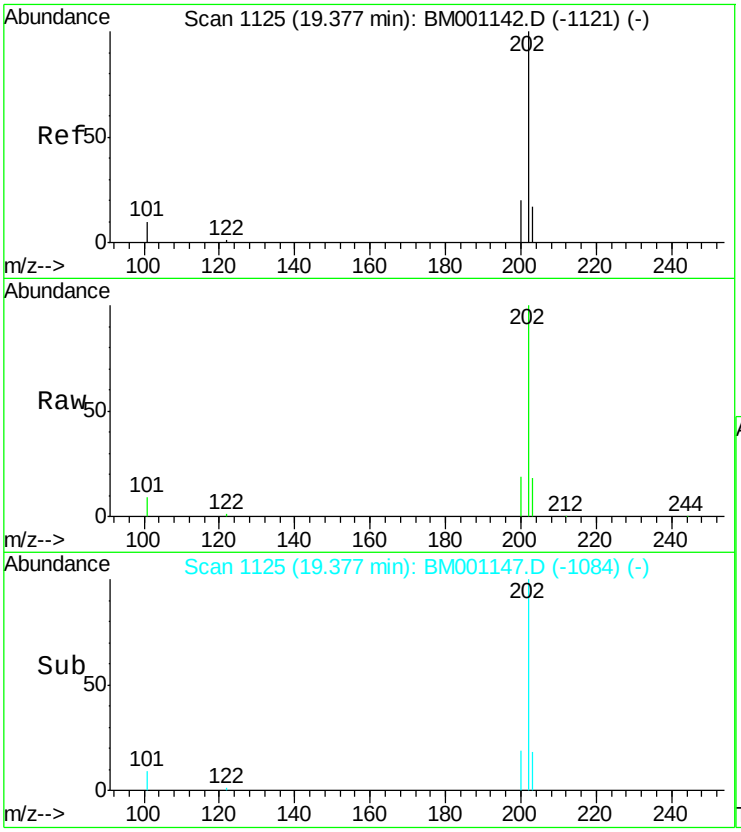


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:240 Resp: 73746

Ion	Ratio	Lower	Upper
240	100		
120	7.6	9.2	13.8#
236	26.3	22.4	33.6

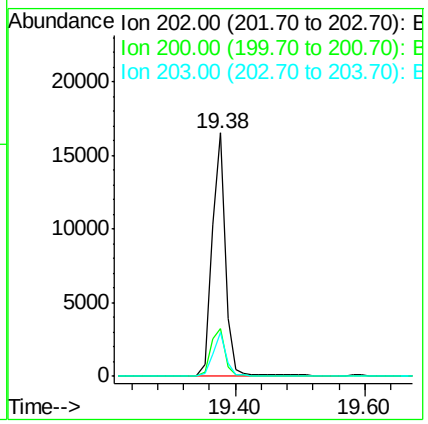




#25
Pyrene
Concen: 1.02 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:202 Resp: 23498

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	17.2	13.8	20.6



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ClientSampleId :
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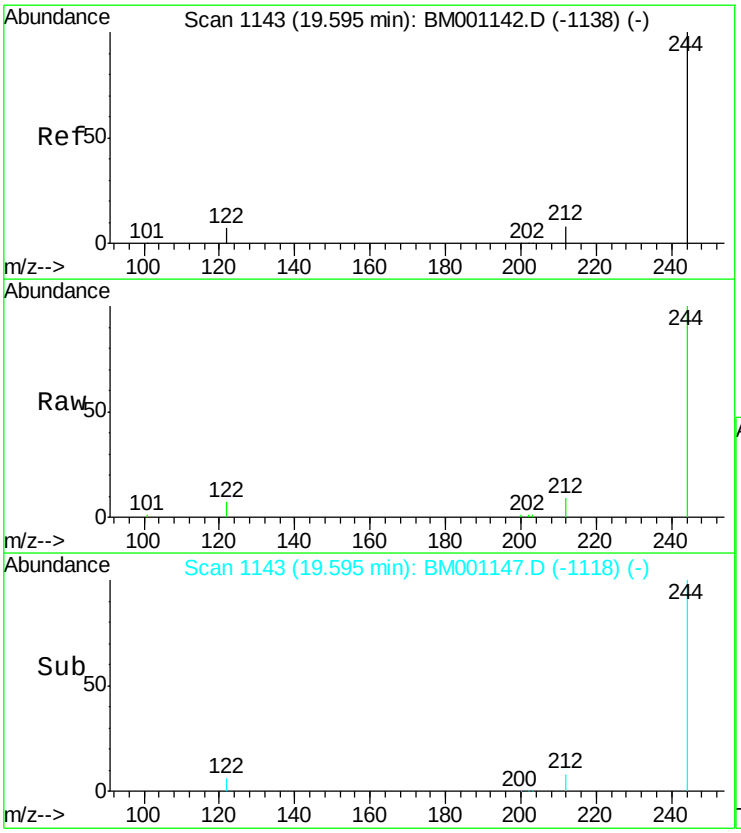
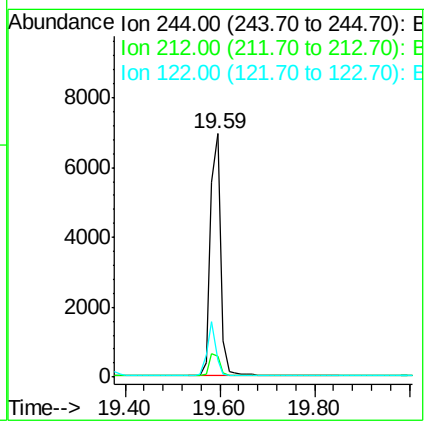
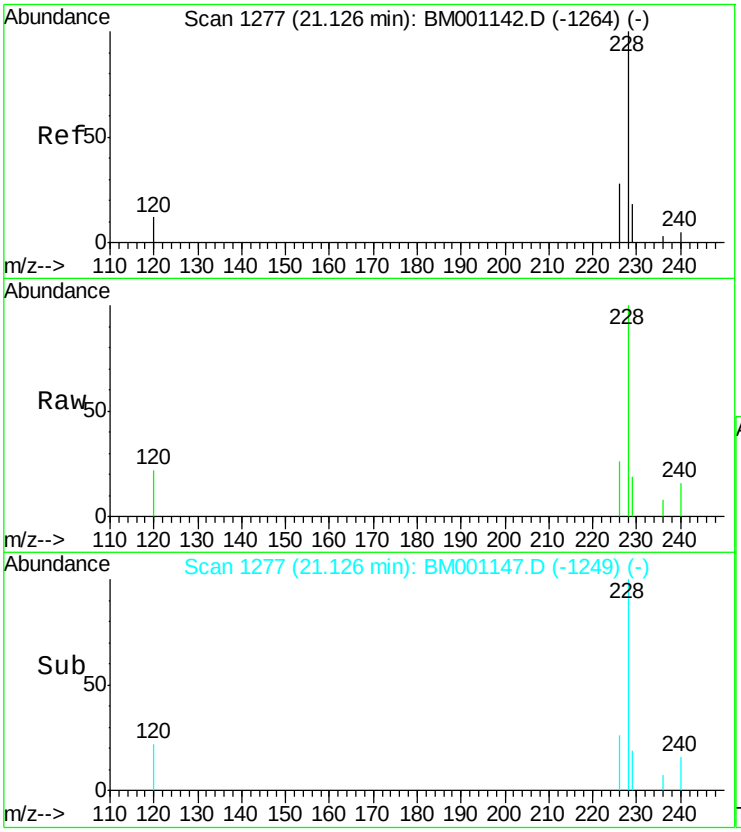


#26
Terphenyl-d14
Concen: 1.02 ng
RT: 19.59 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:244 Resp: 10351

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.1	10.7
122	7.0	6.2	9.4

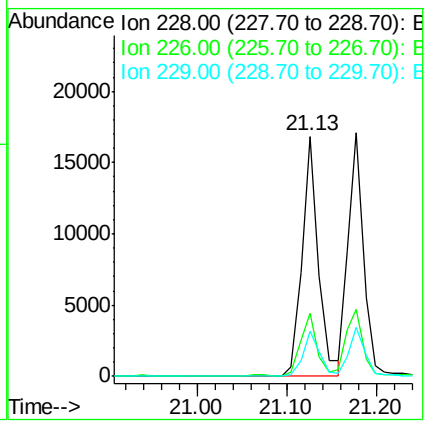




#27
Benzo(a)anthracene
Concen: 1.02 ng
RT: 21.13 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:228 Resp: 21119

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.8	34.2
229	19.0	14.4	21.6



Instrument :
BNA_M
ClientSampleId :
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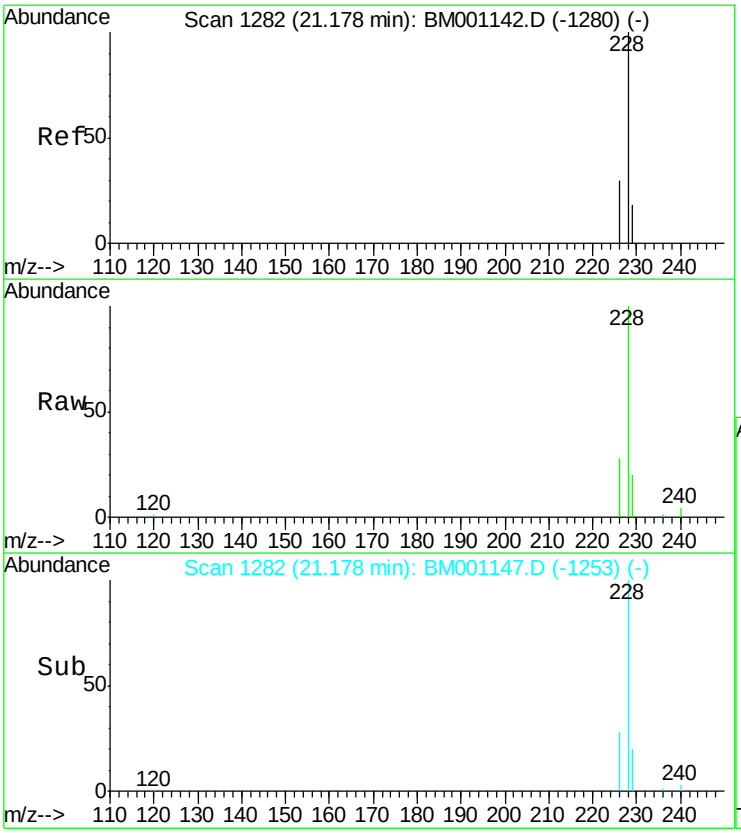
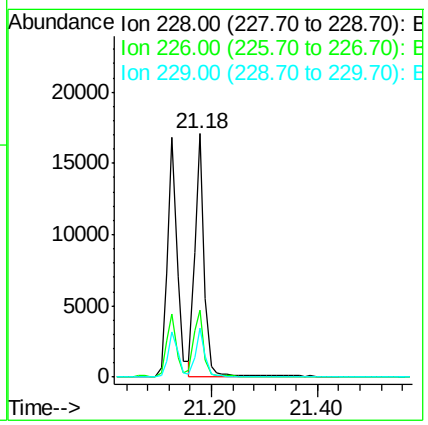
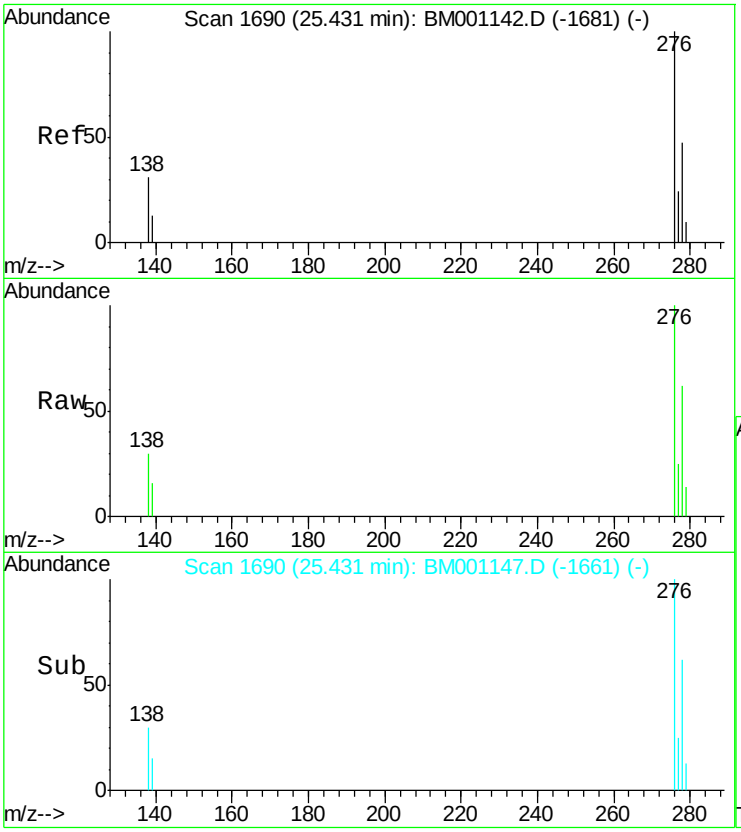


#28
Chrysene
Concen: 1.01 ng
RT: 21.18 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:228 Resp: 20564

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.4	36.6
229	20.0	14.3	21.5

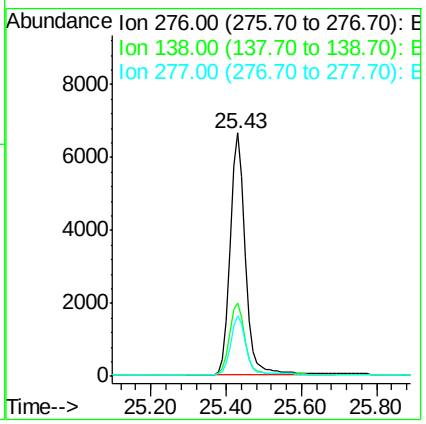




#29
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng
RT: 25.43 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:276 Resp: 18867

Ion	Ratio	Lower	Upper
276	100		
138	30.5	24.2	36.4
277	24.5	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
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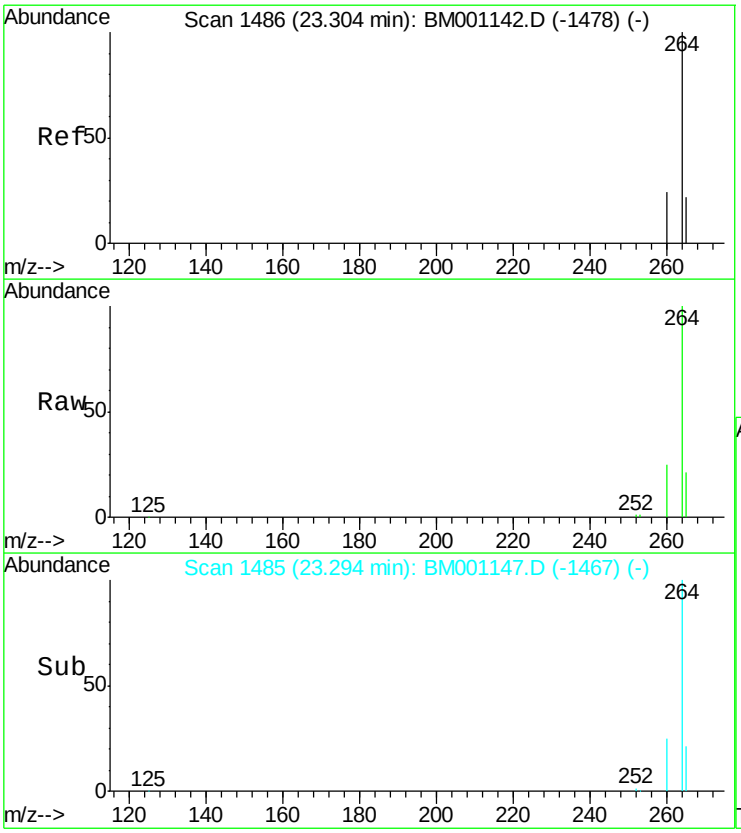
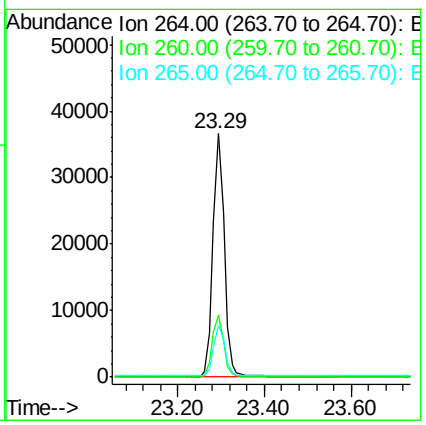
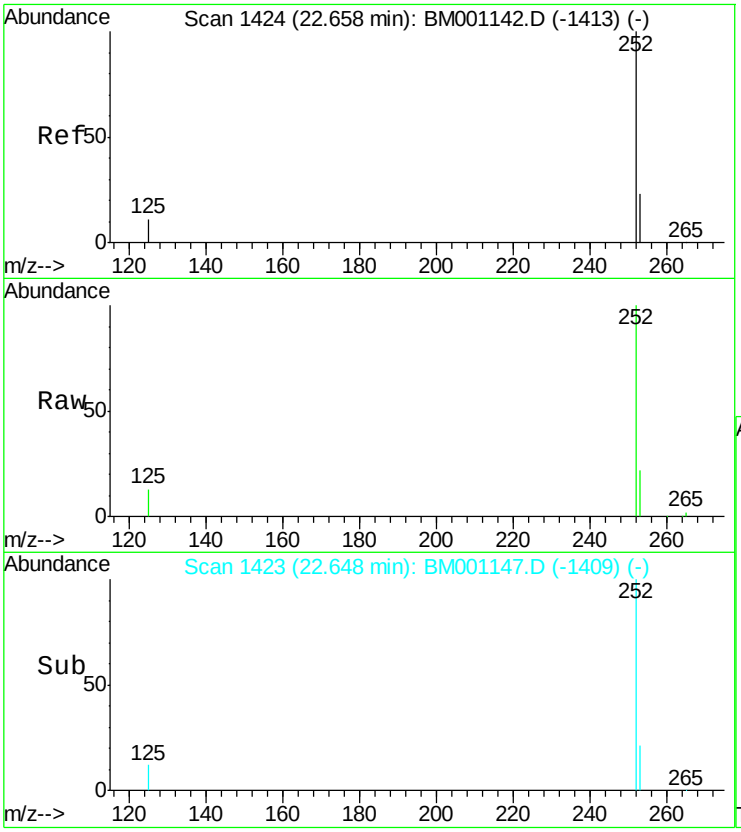


#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:264 Resp: 65049

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.9	28.3
265	21.2	18.1	27.1

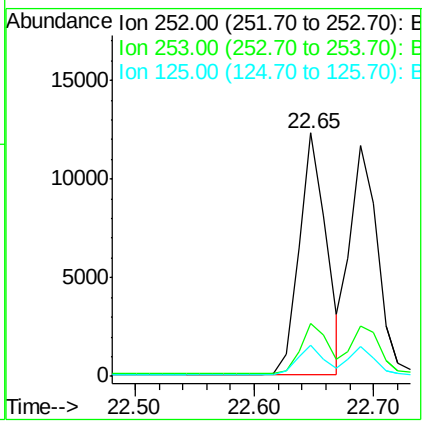




#31
Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 22.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:252 Resp: 19359

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.4
125	12.6	9.1	13.7



Instrument :
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ClientSampleId :
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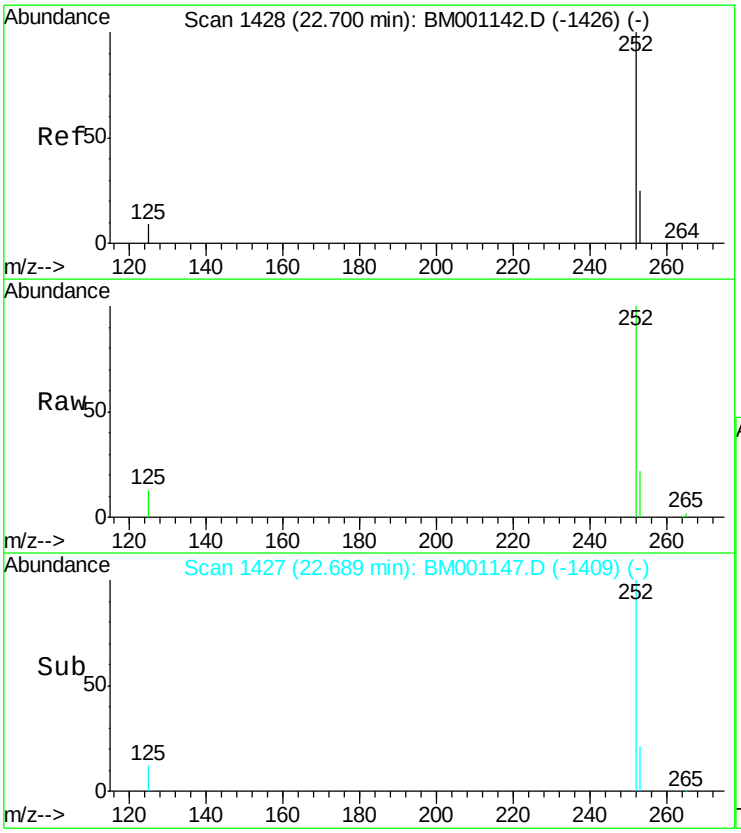
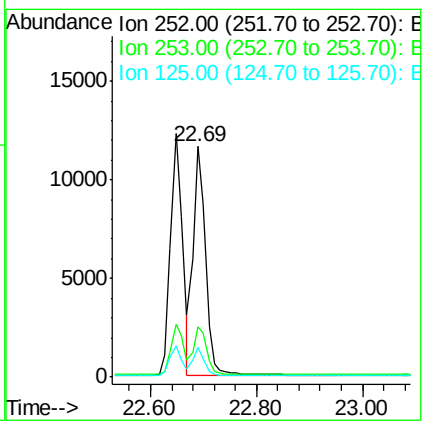
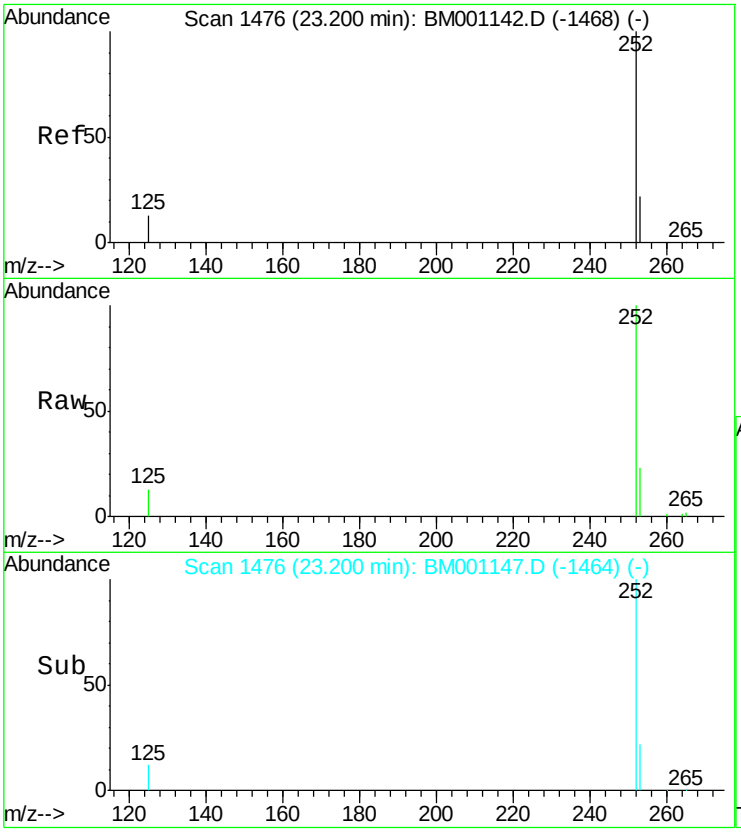


#32
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.69 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:252 Resp: 19091

Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.1	28.7
125	12.9	9.3	13.9

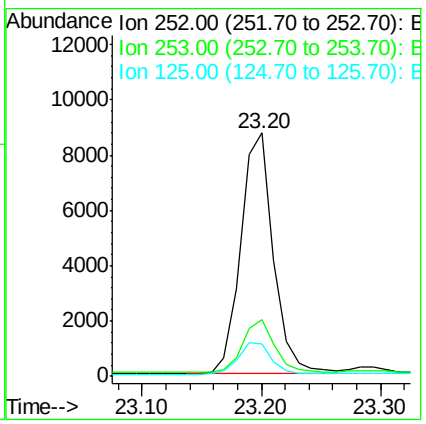




#33
Benzo(a)pyrene
Concen: 0.98 ng
RT: 23.20 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:252 Resp: 16611

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	13.1	10.6	16.0



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ClientSampleId :
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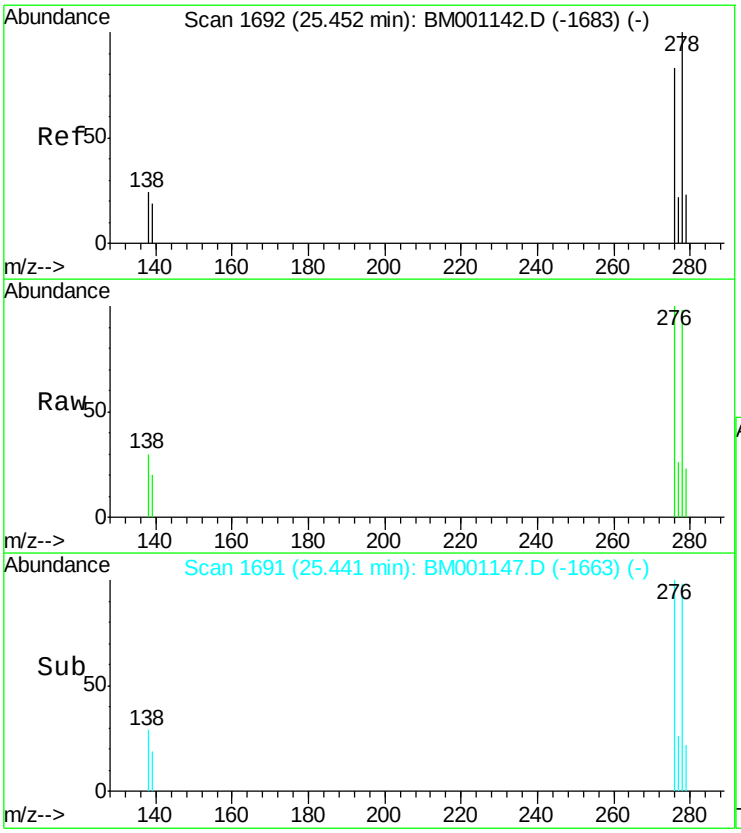
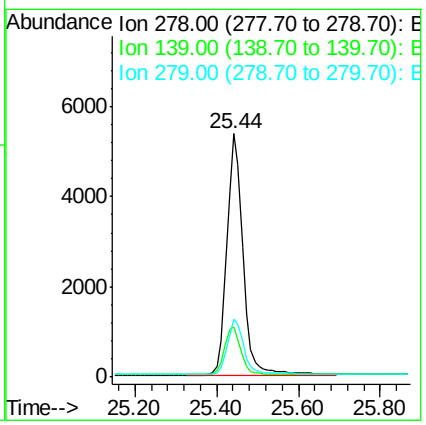
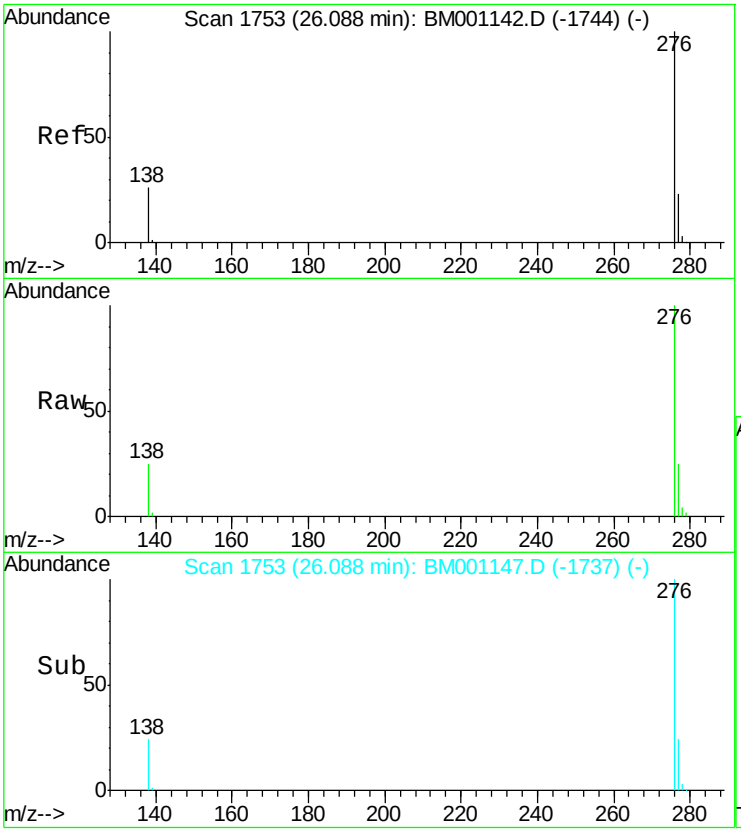


#34
Dibenzo(a,h)anthracene
Concen: 0.99 ng
RT: 25.44 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:278 Resp: 14702

Ion	Ratio	Lower	Upper
278	100		
139	20.6	15.5	23.3
279	23.8	19.7	29.5

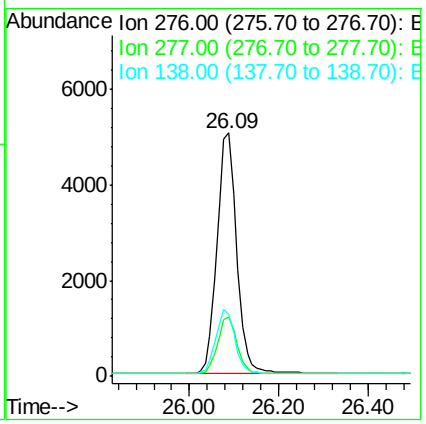




#35
Benzo(g,h,i)perylene
Concen: 0.98 ng
RT: 26.09 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM001147.D
Acq: 02 May 2015 00:56

Tgt Ion:276 Resp: 15379

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	25.3	21.3	31.9



Instrument :
BNA_M
ClientSampleId :
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