Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040915\
Data File : BM000927.D
Acq On : 09 Apr 2015 18:25
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.1

Manual Integrations APPROVED
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Quant Time: Apr 10 16:16:54 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-BM040915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 05:53:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	41766	5.00	ng		0.00
8) Naphthalene-d8	10.38	136	157812	5.00	ng		0.00
17) Acenaphthene-d10	14.26	164	84197	5.00	ng		0.01
24) Phenanthrene-d10	17.00	188	175943	5.00	ng		0.01
30) Chrysene-d12	21.21	240	147559	5.00	ng		0.00
38) Perylene-d12	23.39	264	135923	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	858	0.04	ng		0.00
5) Phenol-d6	6.78	99	958	0.04	ng		0.00
9) Nitrobenzene-d5	8.76	82	736m	0.04	ng		0.00
18) 2,4,6-Tribromophenol	15.76	330	256	0.03	ng		0.01
19) 2-Fluorobiphenyl	12.88	172	2286	0.03	ng		0.00
33) Terphenyl-d14	19.65	244	1750	0.04	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.46	42	414	0.03	ng	#	1
6) Phenol	6.82	94	1014	0.04	ng		72
7) bis(2-Chloroethyl)ether	7.04	93	988	0.04	ng		76
10) Nitrobenzene	8.80	77	727	0.03	ng	#	91
11) 2,4-Dimethylphenol	9.56	122	788	0.04	ng		89
12) 2,4-Dichlorophenol	10.05	162	704	0.03	ng	#	67
13) Naphthalene	10.44	128	3286	0.04	ng	#	93
14) Hexachlorobutadiene	10.74	225	587	0.04	ng		93
15) 2-Methylnaphthalene	12.07	142	2131	0.04	ng		94
16) 1-Methylnaphthalene	12.29	142	2181	0.04	ng		96
20) Acenaphthylene	13.97	152	2781	0.02	ng	#	94
21) Acenaphthene	14.31	154	2468	0.04	ng	#	61
23) Fluorene	15.30	166	2471	0.03	ng	#	69
25) Hexachlorobenzene	16.33	284	917	0.04	ng	#	85
26) Pentachlorophenol	16.68	266	410	0.05	ng	#	88
27) Phenanthrene	17.05	178	4492	0.04	ng	#	93
28) Anthracene	17.13	178	3926m	0.04	ng		
29) Fluoranthene	19.08	202	4482	0.04	ng		93
31) Benzidine	19.27	184	1307	0.07	ng	#	74
32) Pyrene	19.44	202	4676	0.04	ng		96
34) Benzo(a)anthracene	21.19	228	4368	0.04	ng		96
35) 3,3'-Dichlorobenzidine	21.13	252	930	0.04	ng	#	89
36) Chrysene	21.24	228	4465	0.04	ng		97
37) Indeno(1,2,3-cd)pyrene	25.56	276	4318	0.04	ng		99
39) Benzo(b)fluoranthene	22.73	252	4234	0.04	ng	#	85
40) Benzo(k)fluoranthene	22.77	252	3897	0.04	ng	#	86
41) Benzo(a)pyrene	23.28	252	3628	0.04	ng	#	82
42) Dibenzo(a,h)anthracene	25.58	278	3280	0.04	ng	#	89
43) Benzo(g,h,i)perylene	26.22	276	3780	0.04	ng	#	92

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

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM040915\
Data File : BM000927.D
Acq On : 09 Apr 2015 18:25
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 16:16:54 2015
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QLast Update : Fri Apr 10 05:53:53 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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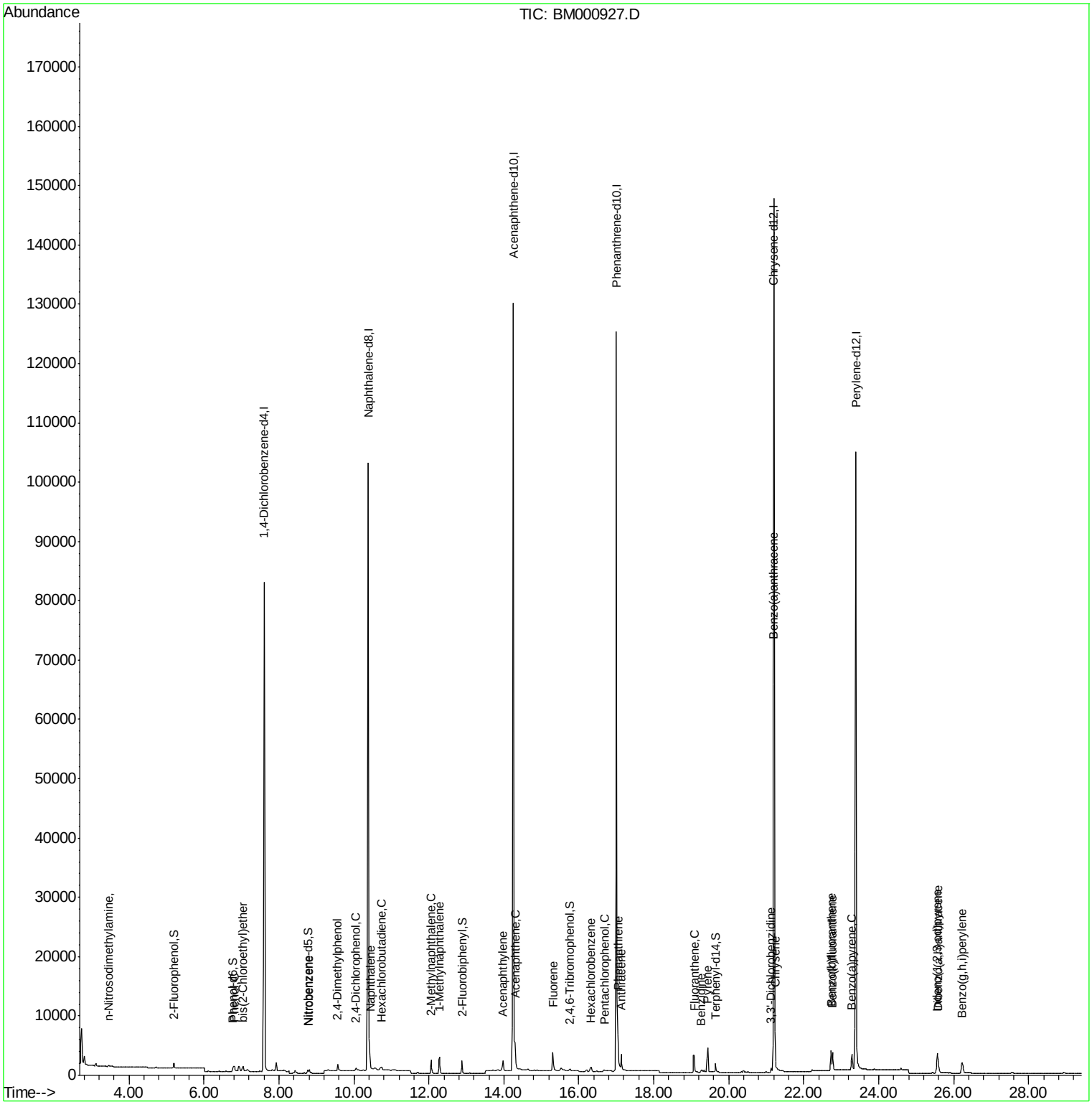
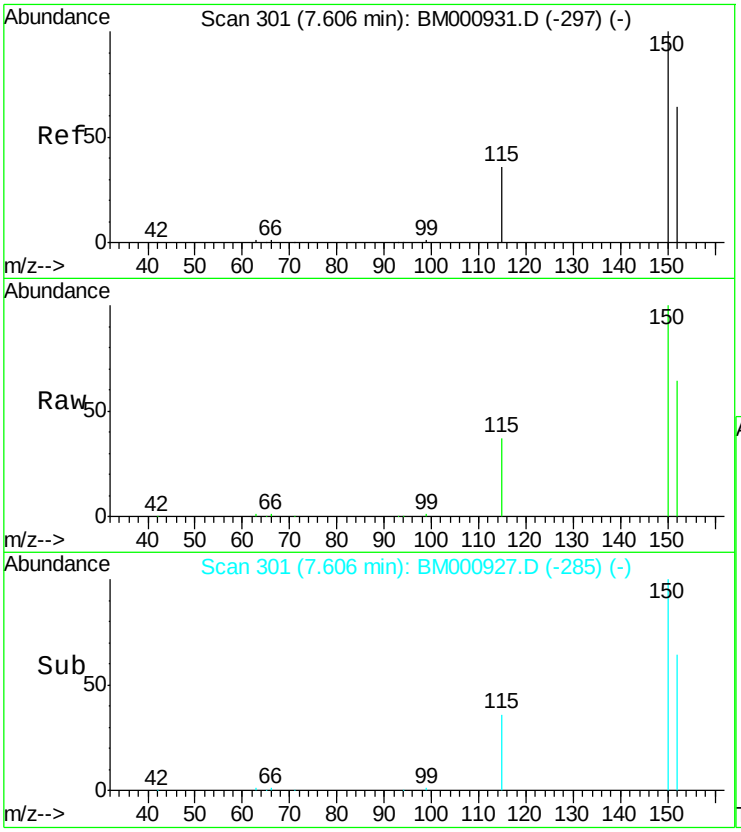
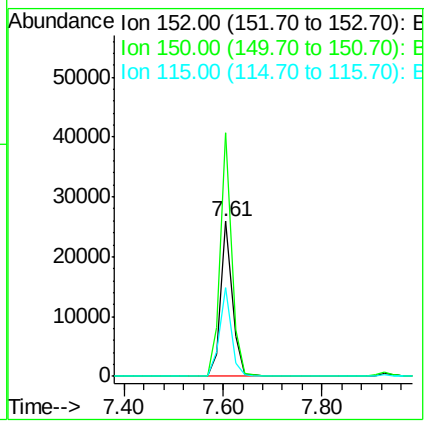




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 301
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:152 Resp: 41766

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.4	188.2
115	57.3	45.9	68.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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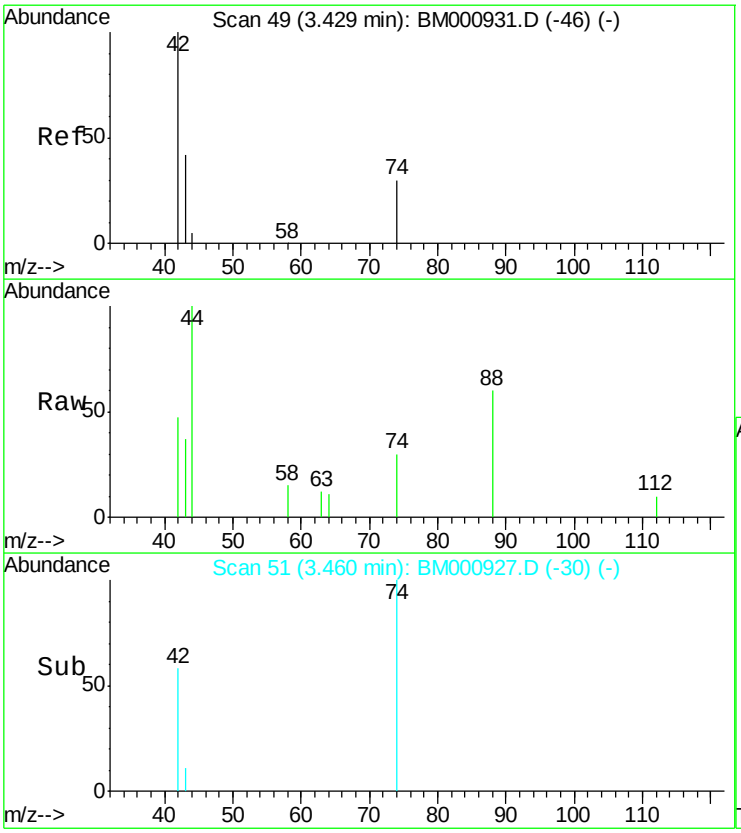
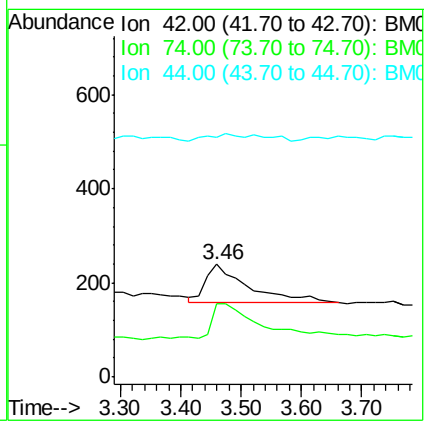
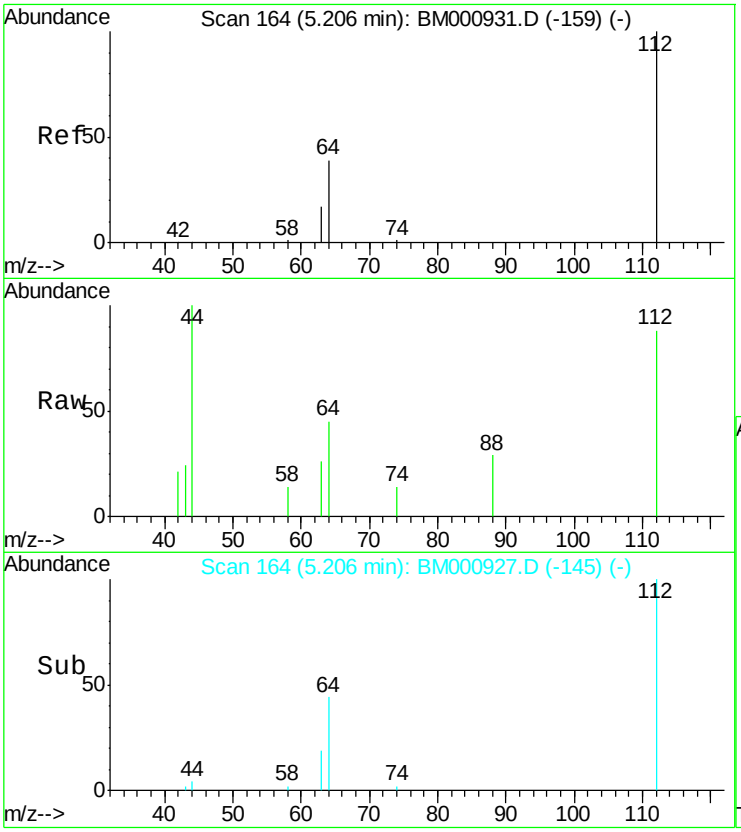


#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.46 min Scan# 51
Delta R.T. 0.03 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion: 42 Resp: 414

Ion	Ratio	Lower	Upper
42	100		
74	64.9	26.0	39.0#
44	213.4	29.0	43.4#





#4
2-Fluorophenol
Concen: 0.04 ng
RT: 5.21 min Scan# 164
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:112 Resp: 858

Ion	Ratio	Lower	Upper
112	100		
64	51.1	31.8	47.8#
63	28.9	14.5	21.7#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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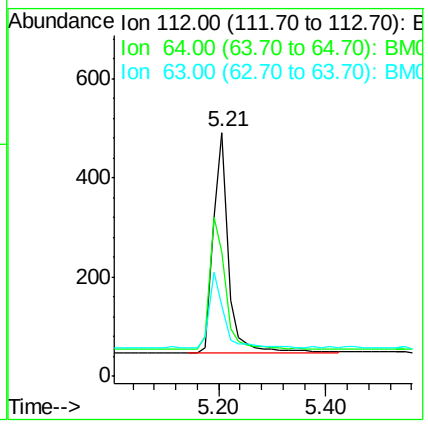
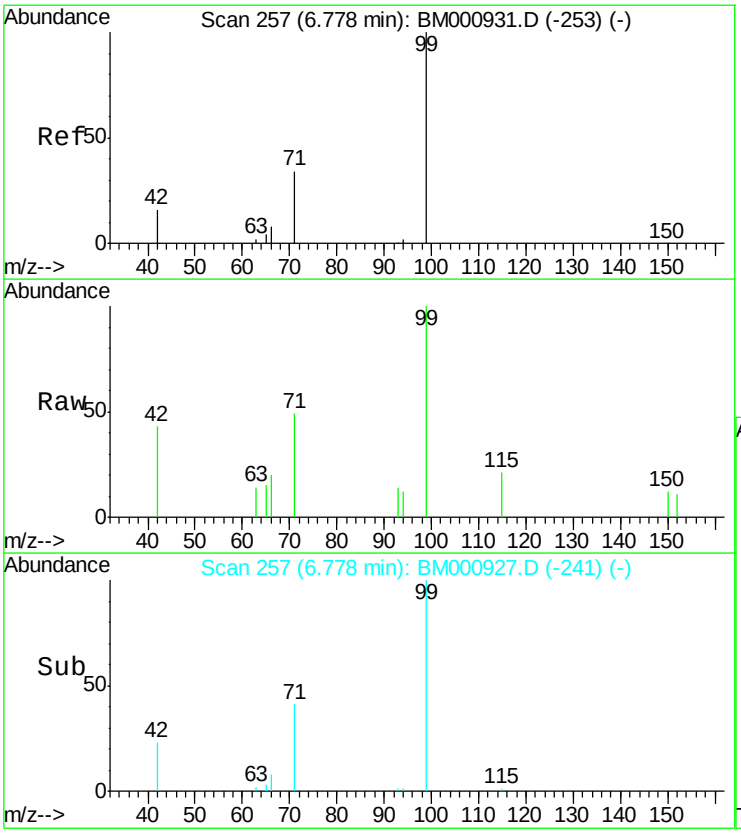
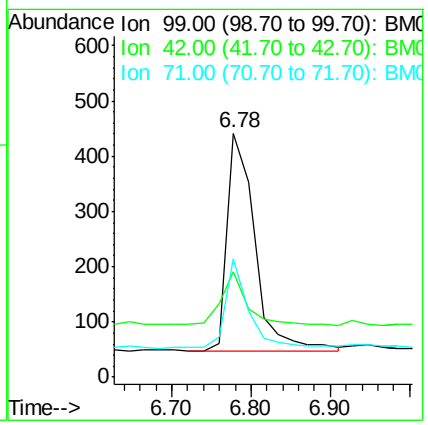


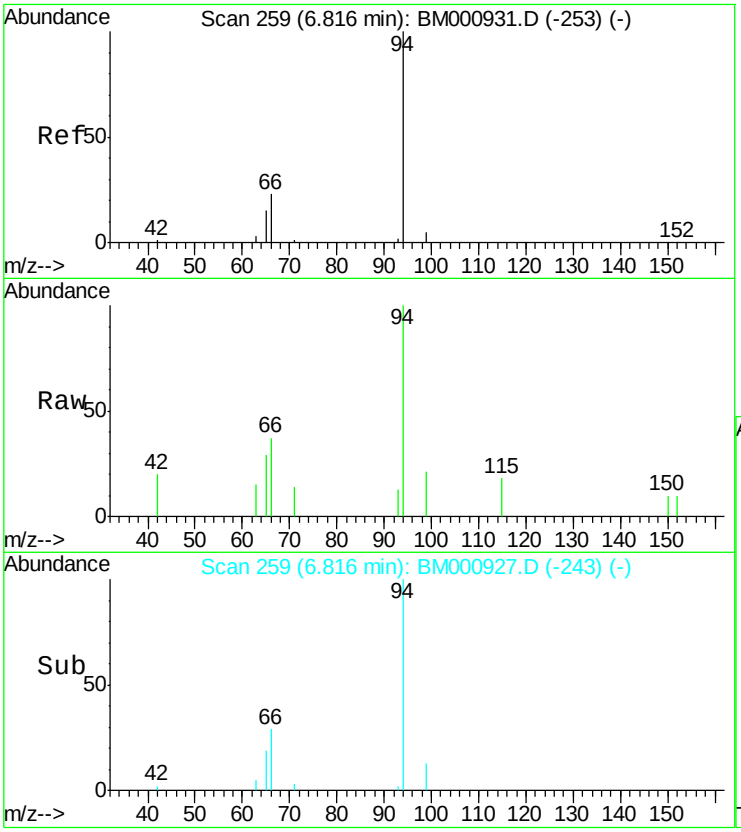


#5
Phenol-d6
Concen: 0.04 ng
RT: 6.78 min Scan# 257
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion: 99 Resp: 958

Ion	Ratio	Lower	Upper
99	100		
42	43.1	14.1	21.1#
71	48.5	28.0	42.0#

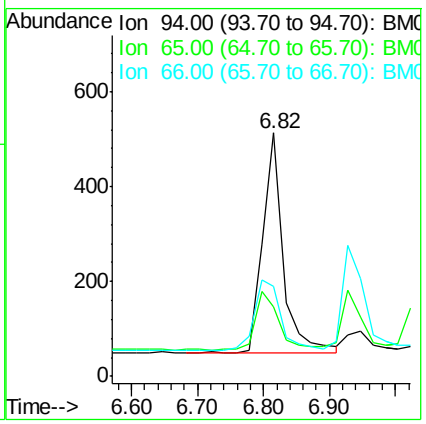




#6
Phenol
Concen: 0.04 ng
RT: 6.82 min Scan# 259
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion: 94 Resp: 1014

Ion	Ratio	Lower	Upper
94	100		
65	28.8	0.0	36.0
66	36.8	3.7	43.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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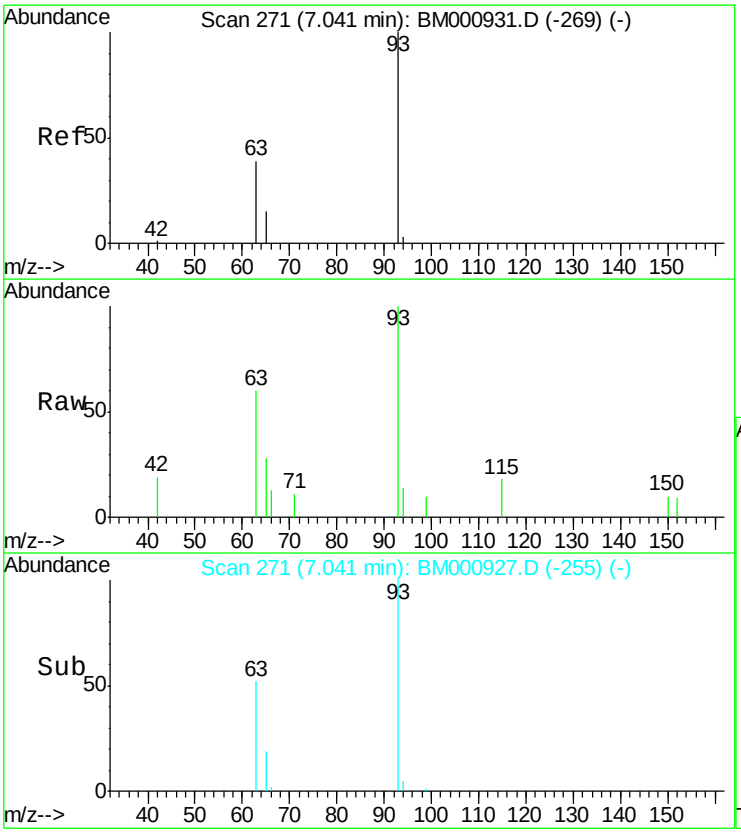
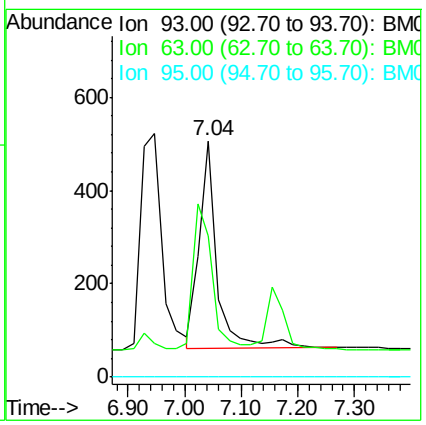
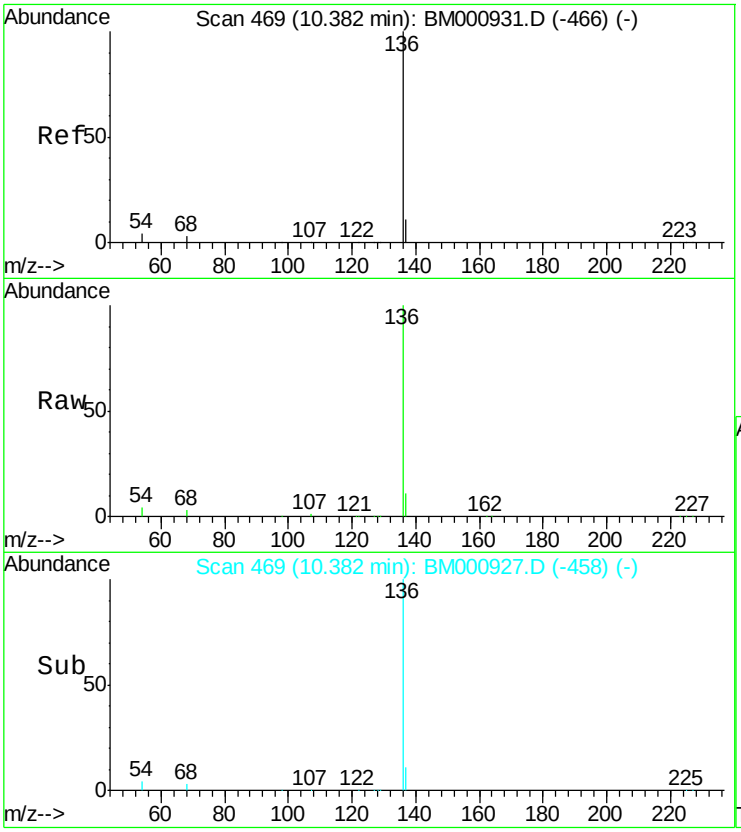


#7
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.04 min Scan# 271
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion: 93 Resp: 988

Ion	Ratio	Lower	Upper
93	100		
63	59.7	24.0	64.0
95	0.0	0.0	20.0

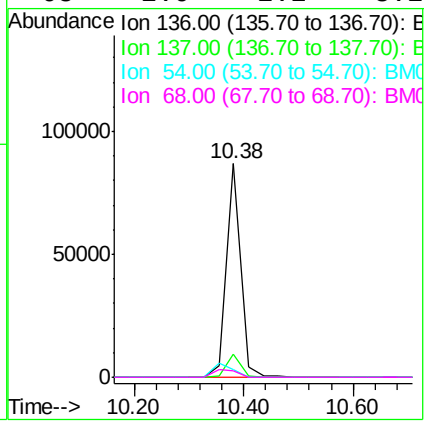




#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:136 Resp: 157812

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	3.8	2.9	4.3
68	2.9	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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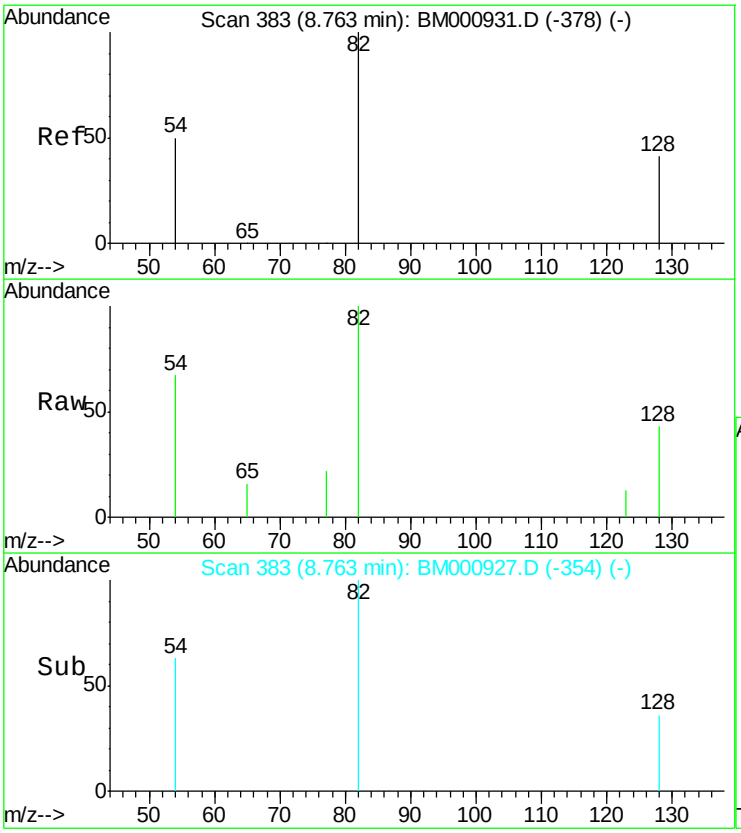
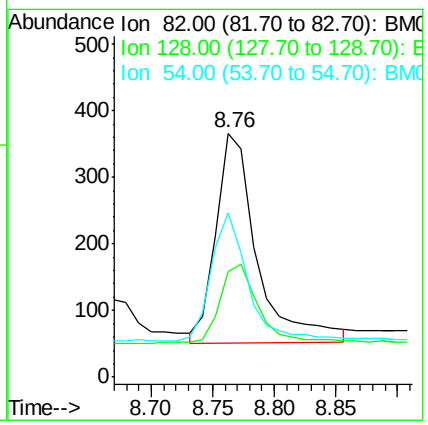
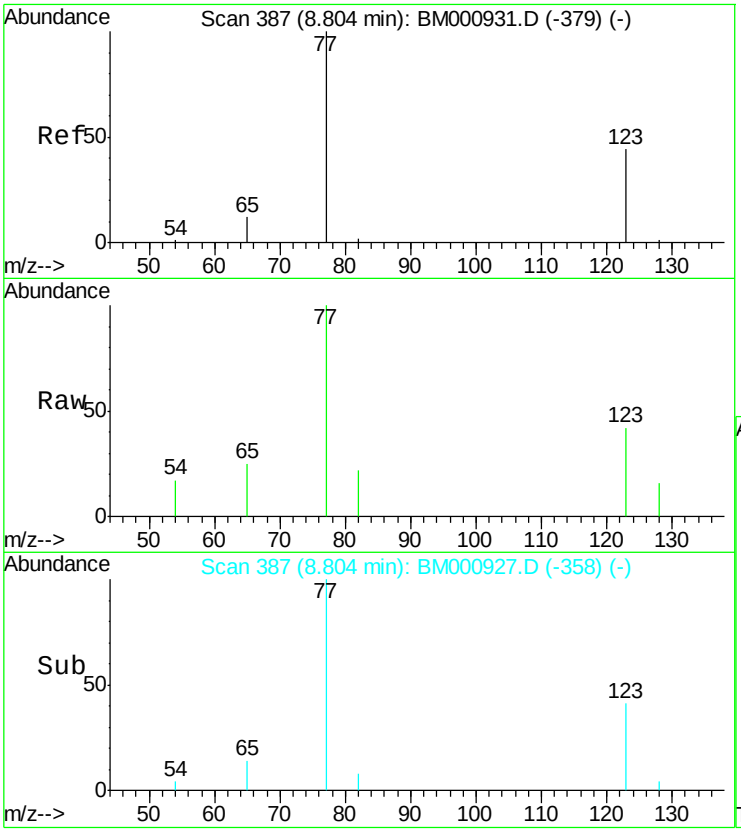


#9
Nitrobenzene-d5
Concen: 0.04 ng m
RT: 8.76 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion: 82 Resp: 736

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	67.5	40.5	60.7#

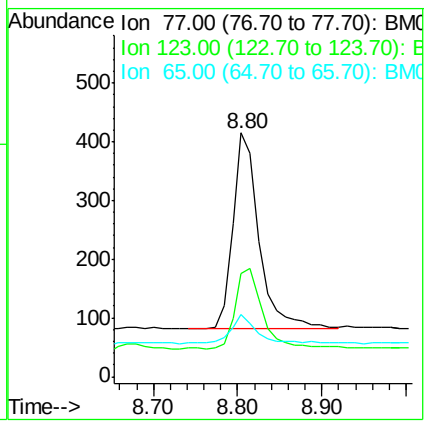




#10
Nitrobenzene
Concen: 0.03 ng
RT: 8.80 min Scan# 387
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion: 77 Resp: 727

Ion	Ratio	Lower	Upper
77	100		
123	42.4	35.0	52.6
65	25.3	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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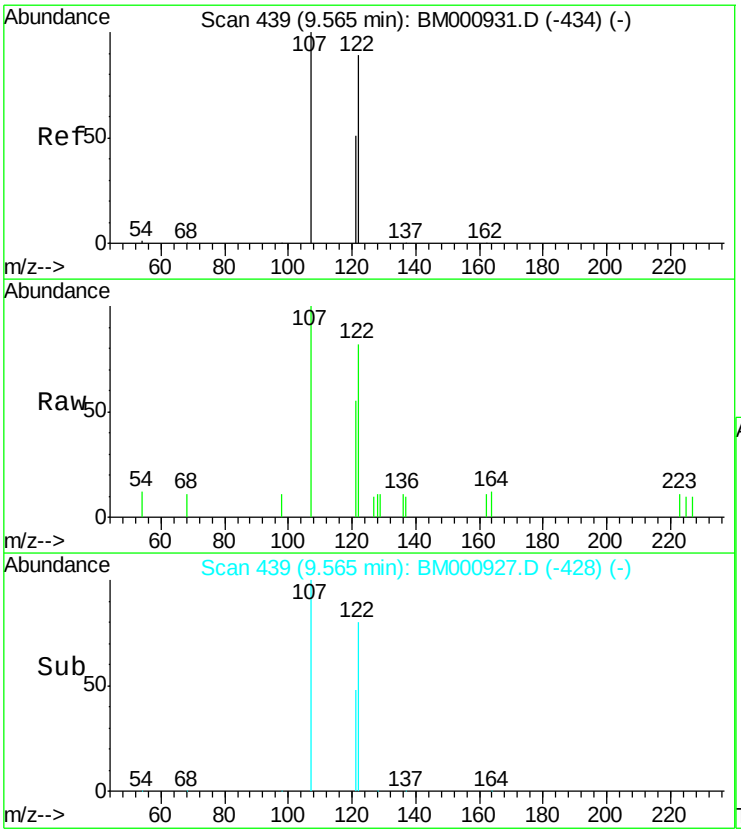
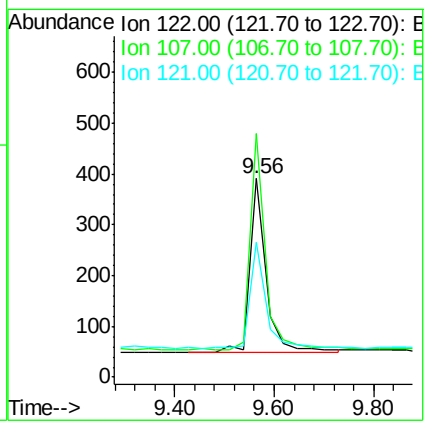
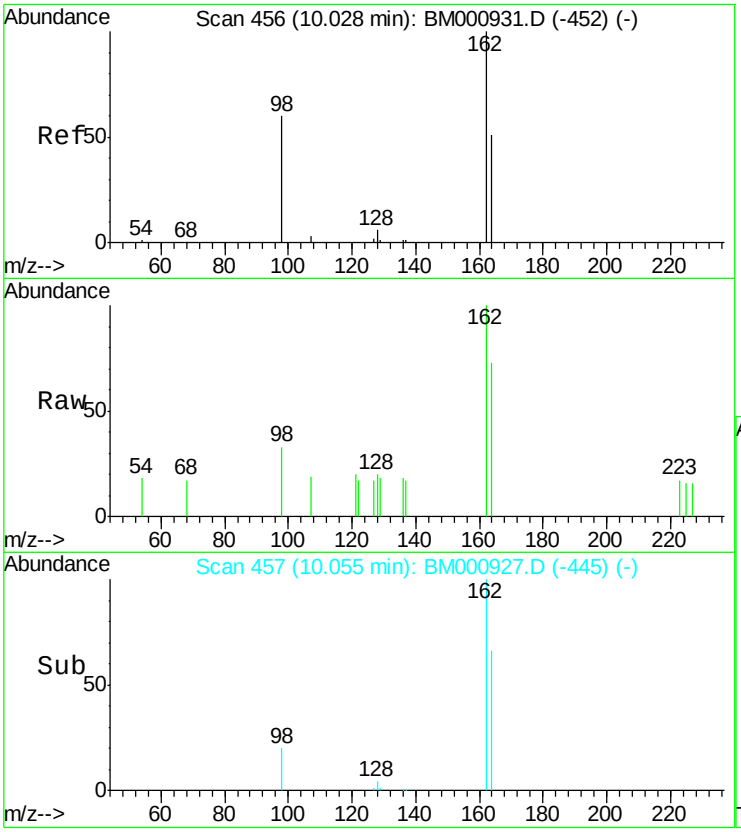


#11
2,4-Dimethylphenol
Concen: 0.04 ng
RT: 9.56 min Scan# 439
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:122 Resp: 788

Ion	Ratio	Lower	Upper
122	100		
107	122.5	89.8	134.6
121	67.8	46.6	70.0





#12
2,4-Dichlorophenol
Concen: 0.03 ng
RT: 10.05 min Scan# 457
Delta R.T. 0.03 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:162 Resp: 704

Ion	Ratio	Lower	Upper
162	100		
164	72.8	32.5	72.5#
98	32.9	40.5	80.5#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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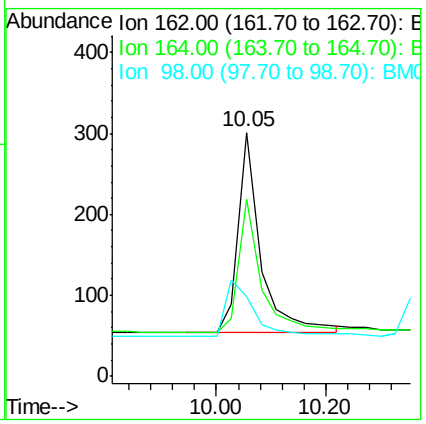
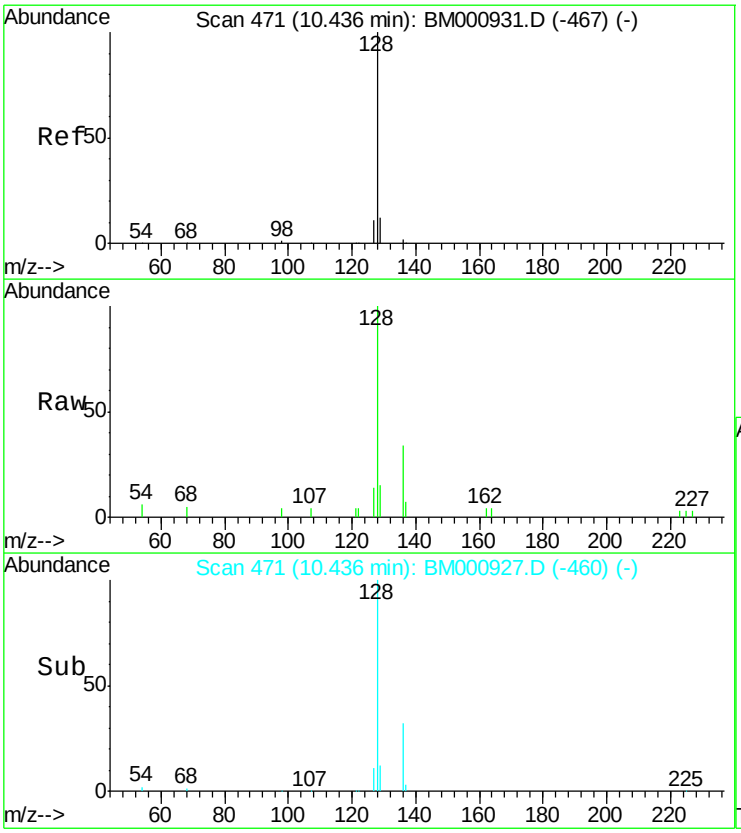
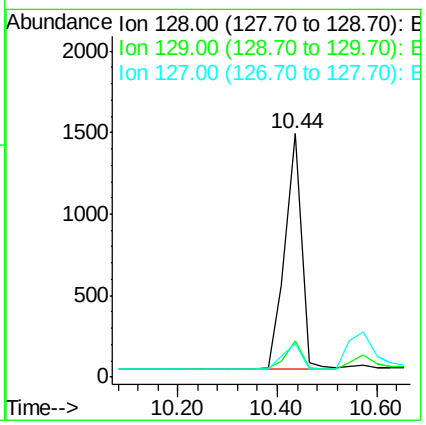


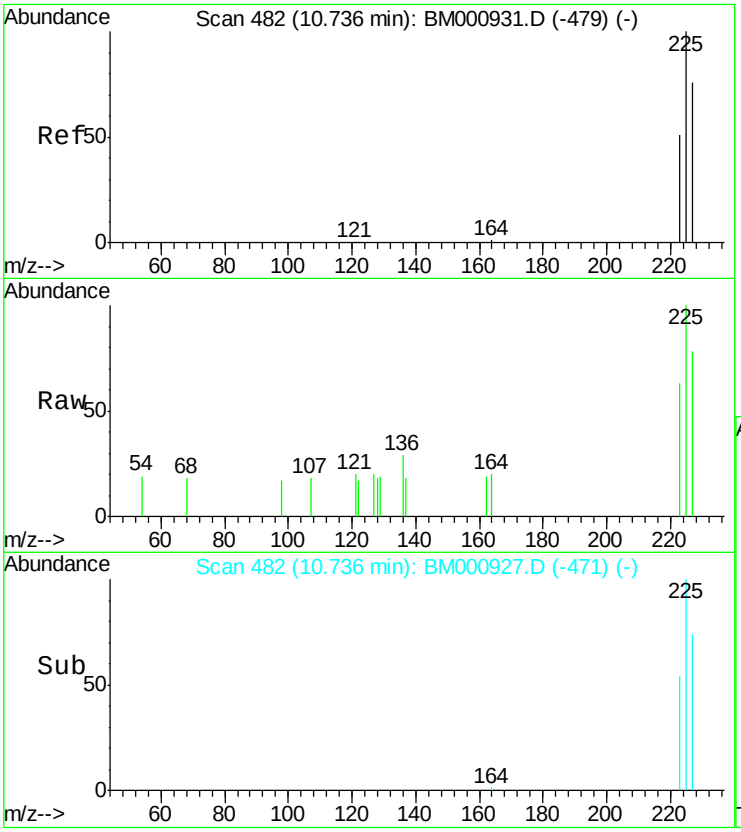


#13
Naphthalene
Concen: 0.04 ng
RT: 10.44 min Scan# 471
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:128 Resp: 3286

Ion	Ratio	Lower	Upper
128	100		
129	15.1	9.8	14.6#
127	13.9	9.1	13.7#

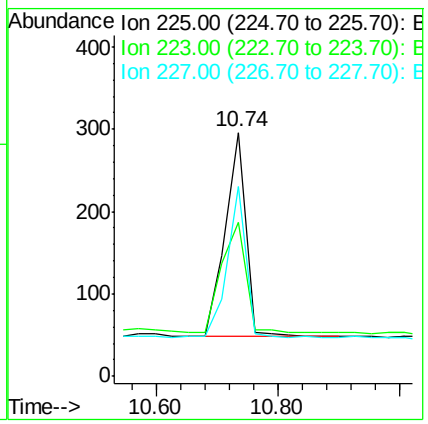




#14
Hexachlorobutadiene
Concen: 0.04 ng
RT: 10.74 min Scan# 482
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:225 Resp: 587

Ion	Ratio	Lower	Upper
225	100		
223	63.2	42.2	63.2
227	78.0	61.4	92.2



Instrument :
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ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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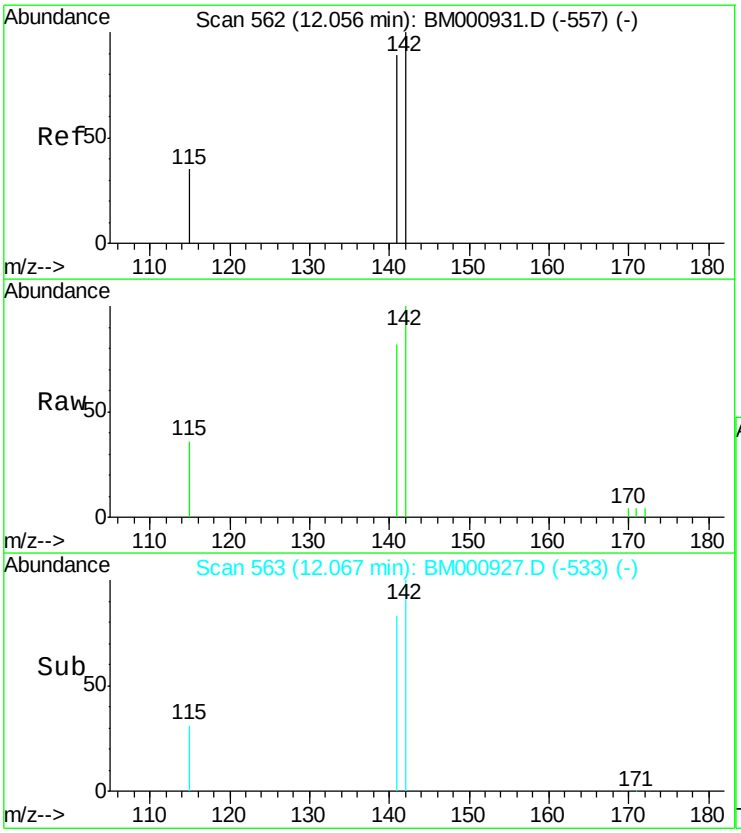
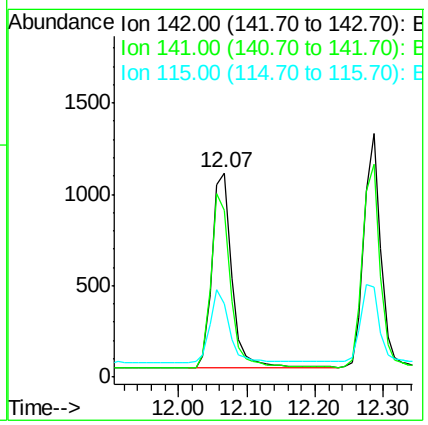
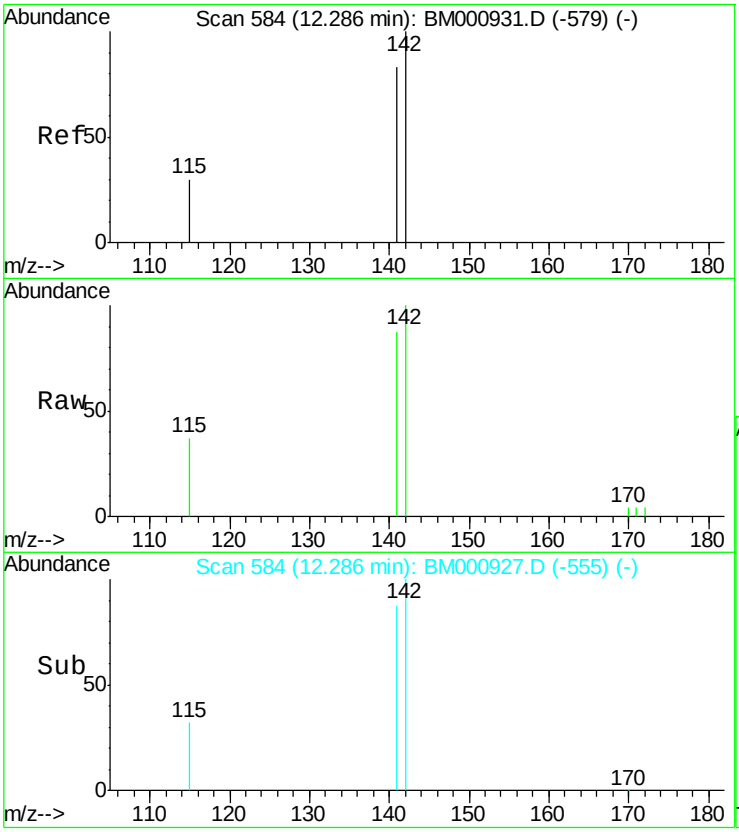


#15
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.07 min Scan# 563
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:142 Resp: 2131

Ion	Ratio	Lower	Upper
142	100		
141	81.7	71.2	106.8
115	35.9	28.3	42.5

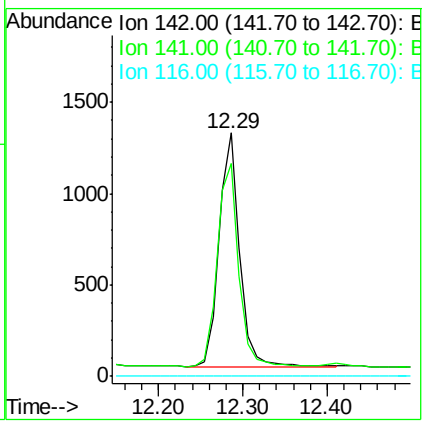




#16
1-Methylnaphthalene
Concen: 0.04 ng
RT: 12.29 min Scan# 584
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:142 Resp: 2181

Ion	Ratio	Lower	Upper
142	100		
141	87.5	66.7	100.1
116	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
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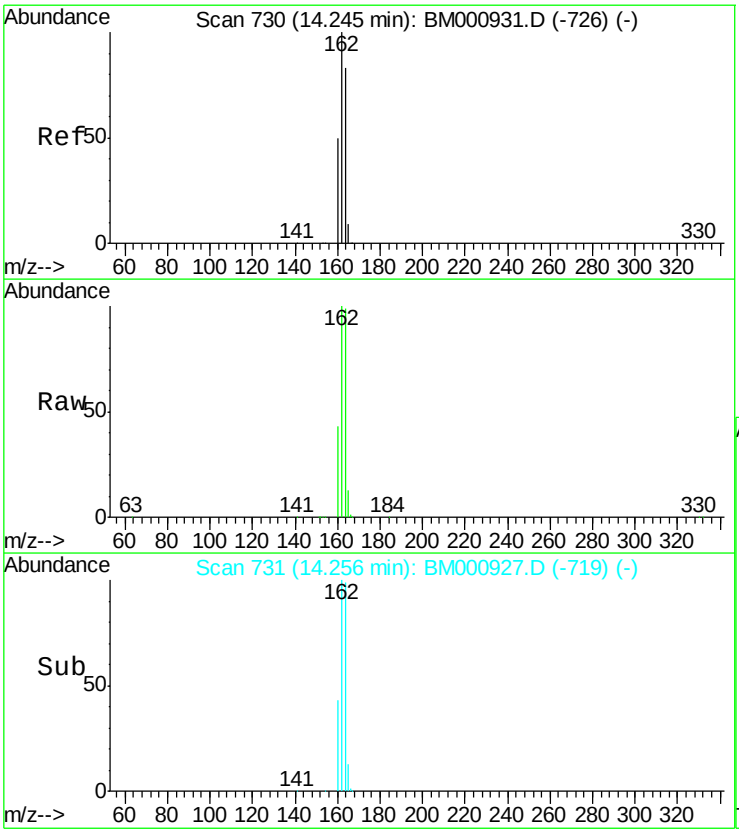
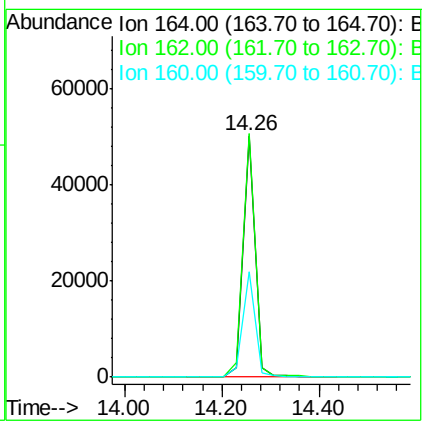
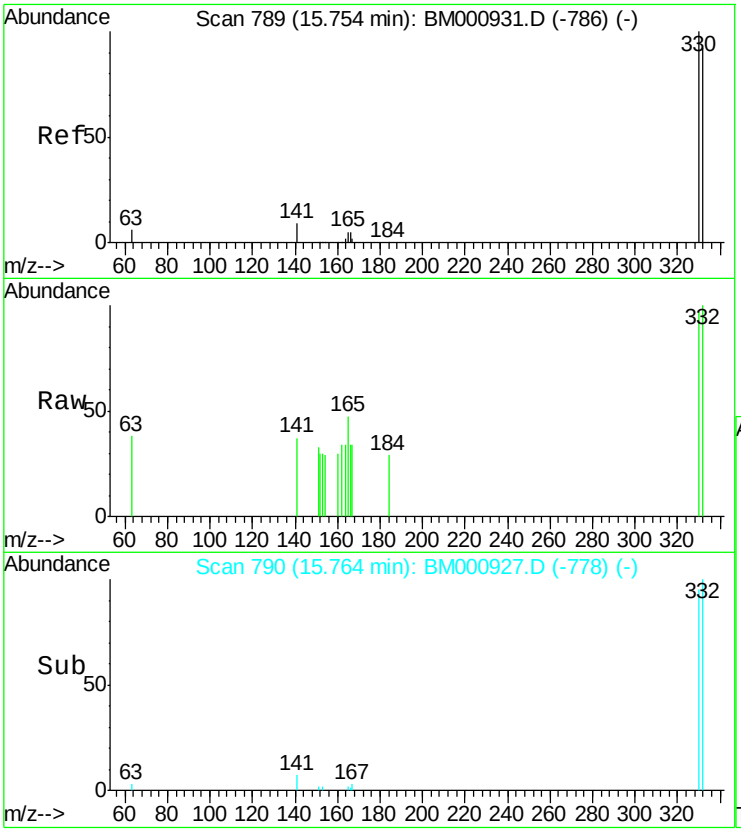


#17
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 731
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:164 Resp: 84197

Ion	Ratio	Lower	Upper
164	100		
162	100.8	96.1	144.1
160	43.5	48.2	72.2#

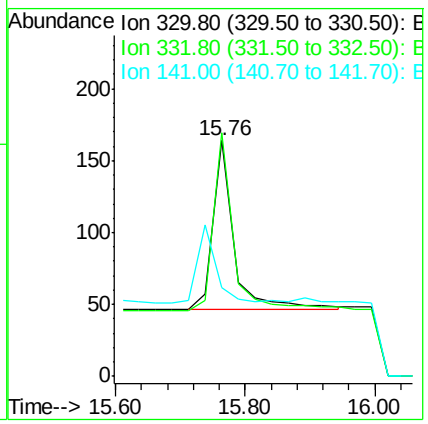




#18
2,4,6-Tribromophenol
Concen: 0.03 ng
RT: 15.76 min Scan# 790
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:330 Resp: 256

Ion	Ratio	Lower	Upper
330	100		
332	102.3	75.4	113.2
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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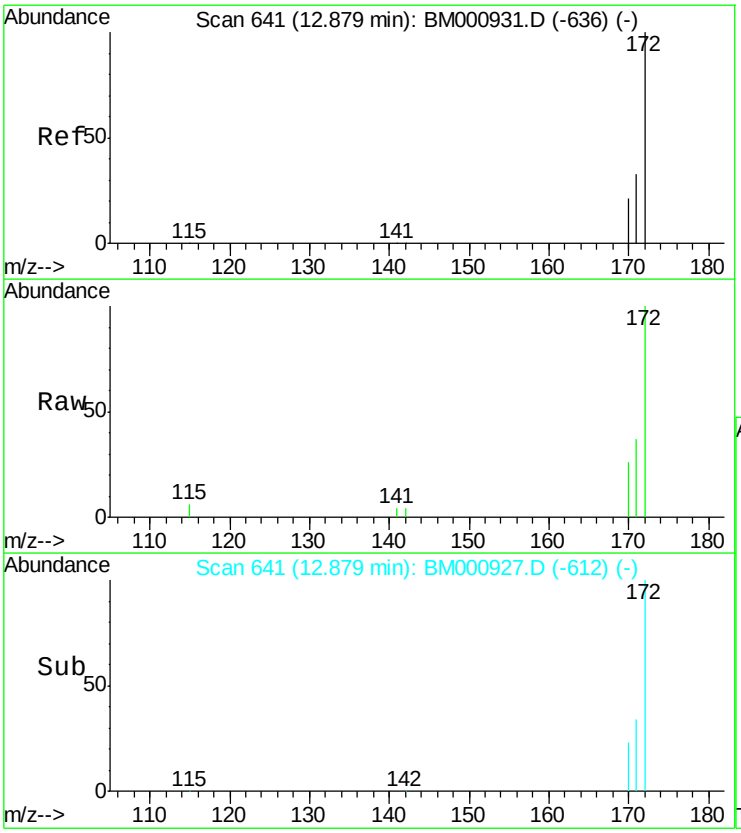
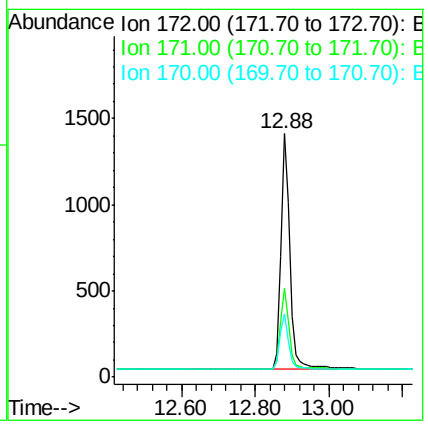
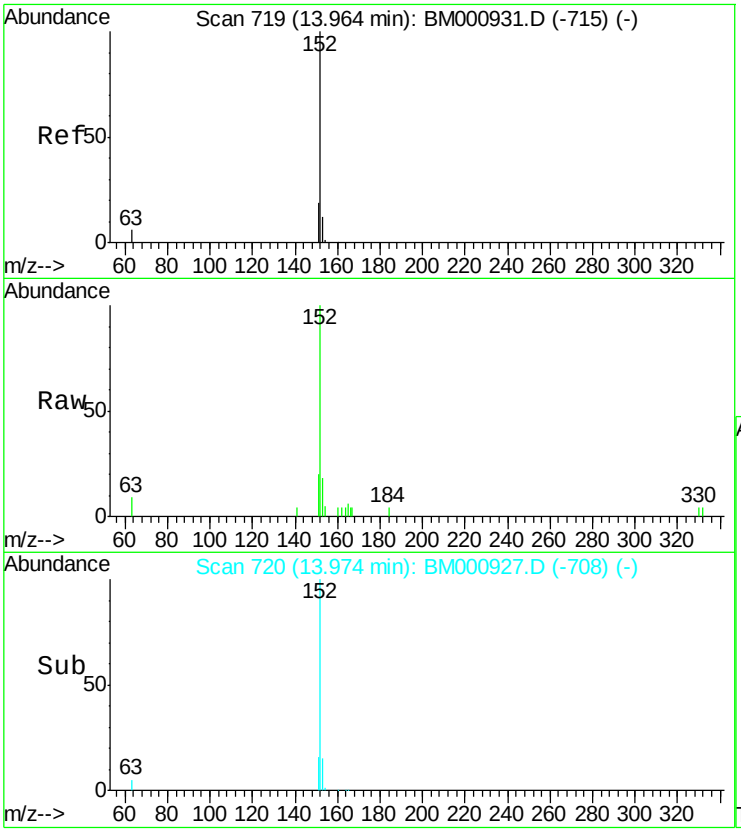


#19
2-Fluorobiphenyl
Concen: 0.03 ng
RT: 12.88 min Scan# 641
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:172 Resp: 2286

Ion	Ratio	Lower	Upper
172	100		
171	36.5	26.7	40.1
170	25.7	17.0	25.4#

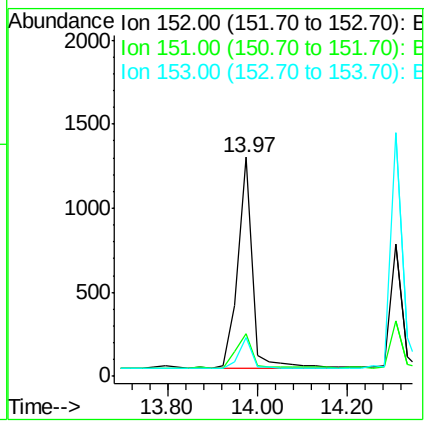




#20
Acenaphthylene
Concen: 0.02 ng
RT: 13.97 min Scan# 720
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:152 Resp: 2781

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0
153	17.7	10.2	15.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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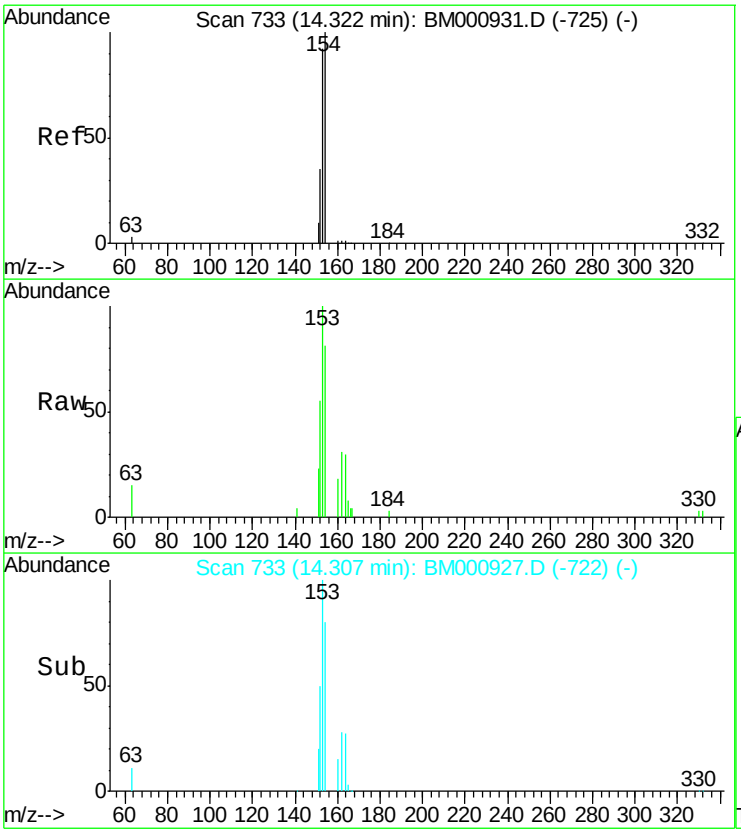
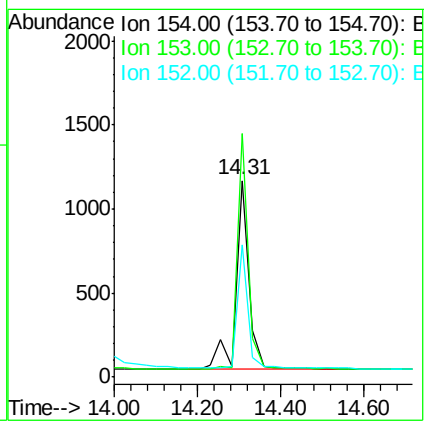
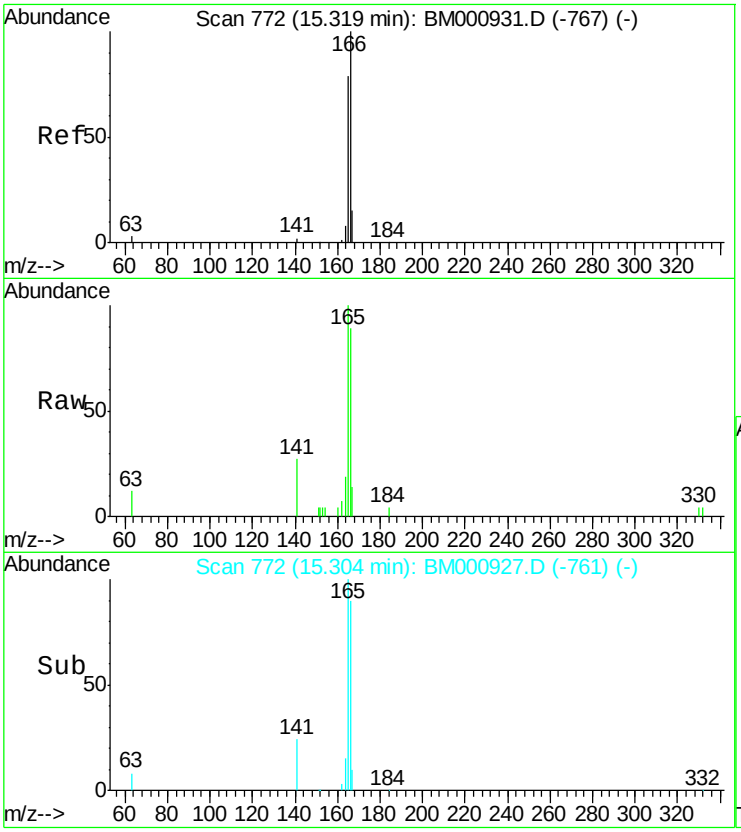


#21
Acenaphthene
Concen: 0.04 ng
RT: 14.31 min Scan# 733
Delta R.T. -0.02 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:154 Resp: 2468

Ion	Ratio	Lower	Upper
154	100		
153	124.0	73.7	110.5#
152	67.6	29.0	43.6#





#23
Fluorene
Concen: 0.03 ng
RT: 15.30 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:166 Resp: 2471

Ion	Ratio	Lower	Upper
166	100		
165	112.5	63.7	95.5#
167	15.5	12.7	19.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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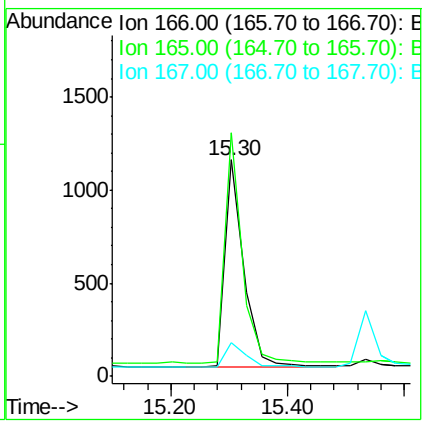
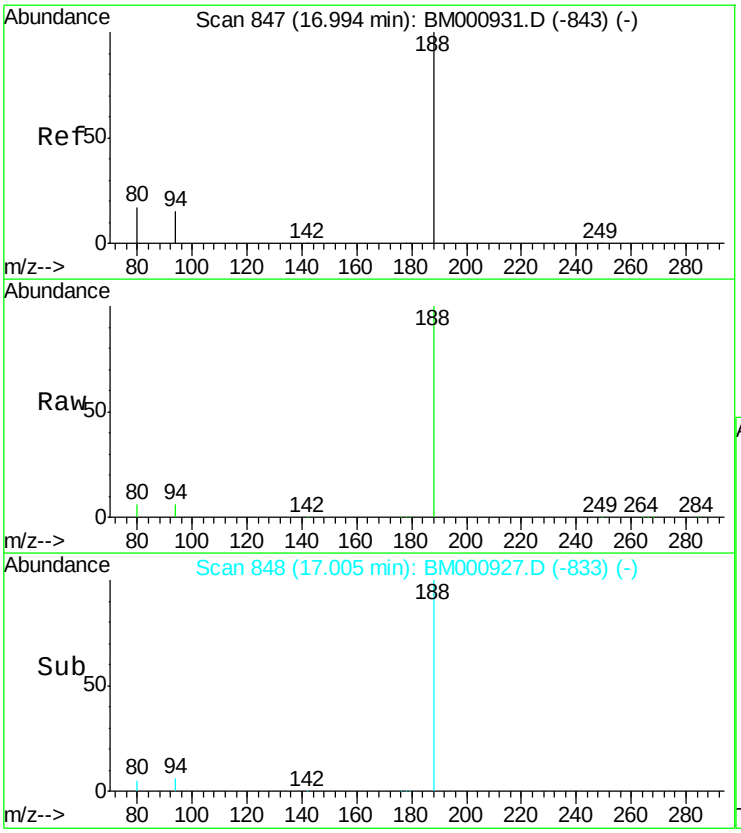
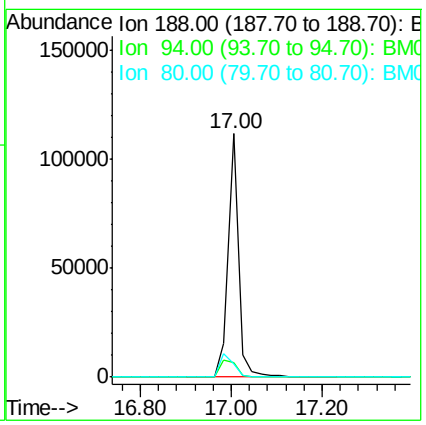


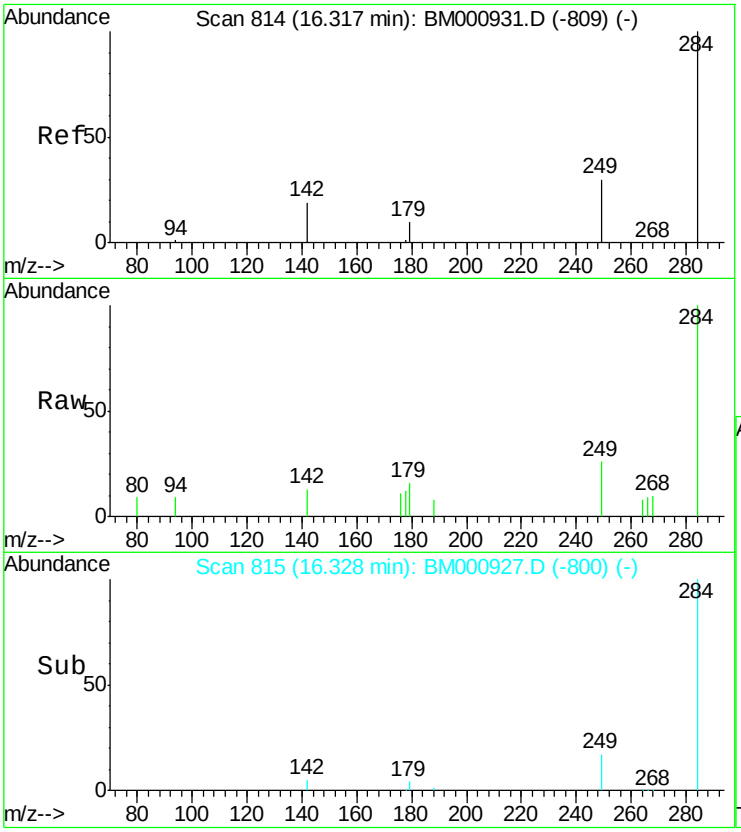


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.00 min Scan# 848
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:188 Resp: 175943

Ion	Ratio	Lower	Upper
188	100		
94	5.9	12.2	18.4#
80	5.5	13.4	20.0#

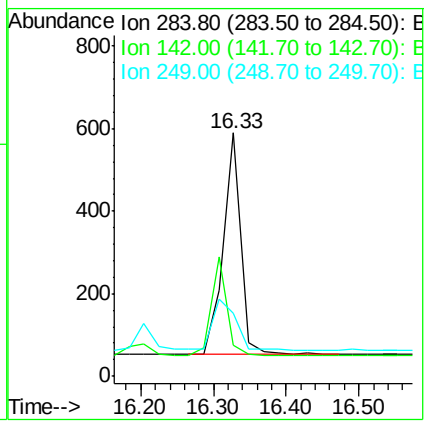




#25
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.33 min Scan# 815
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:284 Resp: 917

Ion	Ratio	Lower	Upper
284	100		
142	12.9	16.2	24.2#
249	25.8	27.4	41.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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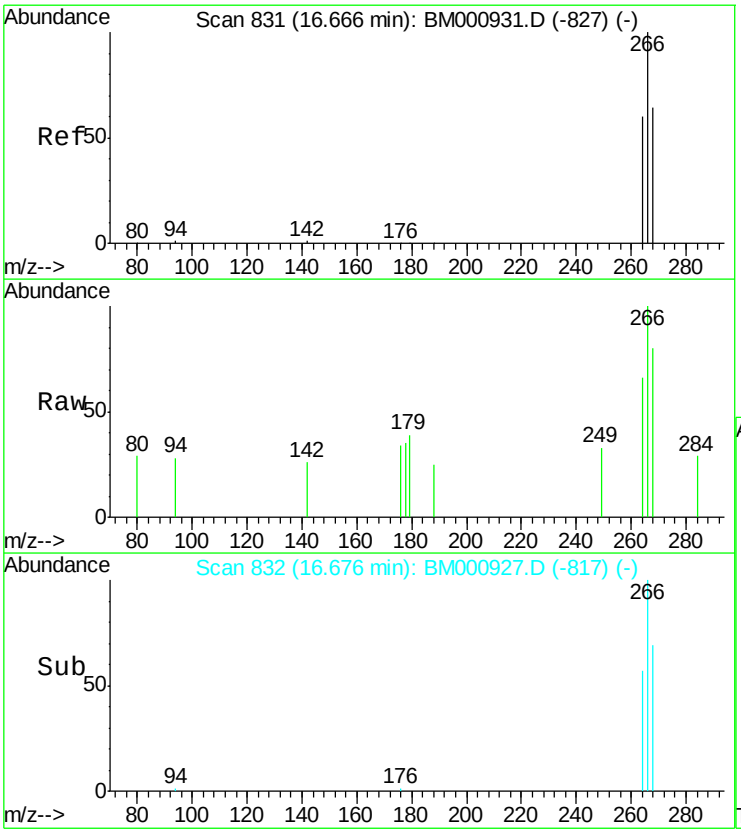
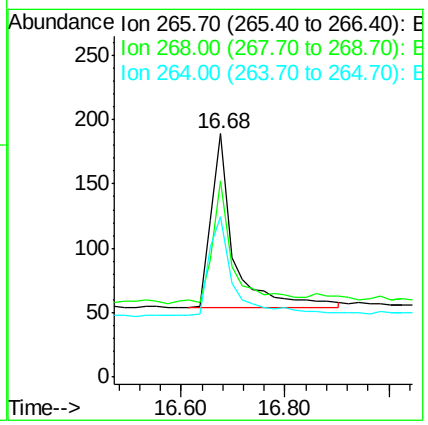
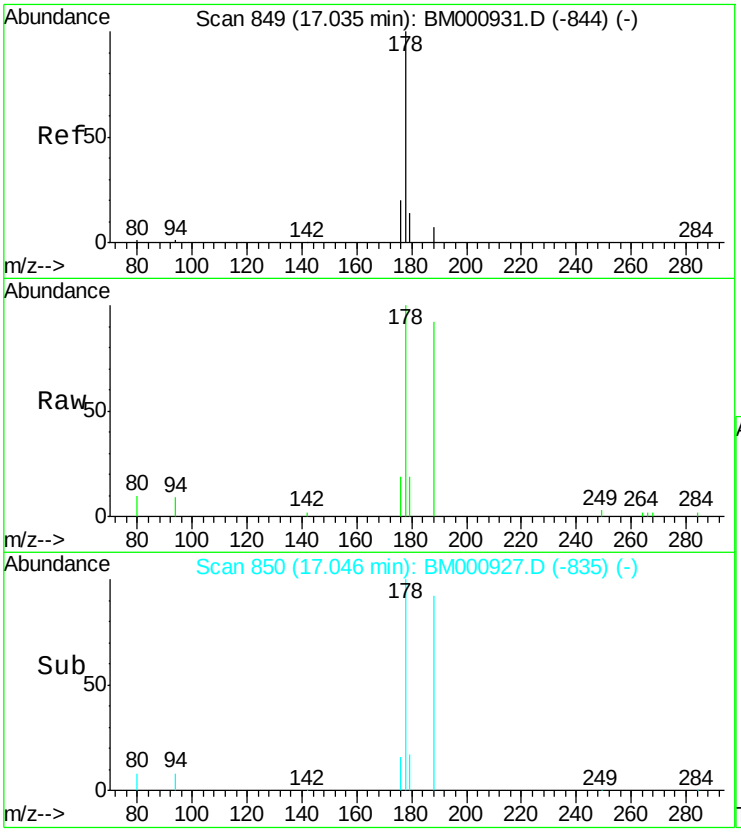


#26
Pentachlorophenol
Concen: 0.05 ng
RT: 16.68 min Scan# 832
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:266 Resp: 410

Ion	Ratio	Lower	Upper
266	100		
268	80.4	53.0	79.4#
264	66.1	49.4	74.0

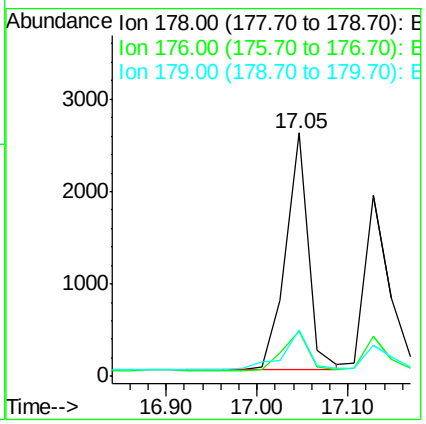




#27
Phenanthrene
Concen: 0.04 ng
RT: 17.05 min Scan# 850
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:178 Resp: 4492

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	19.1	11.4	17.2#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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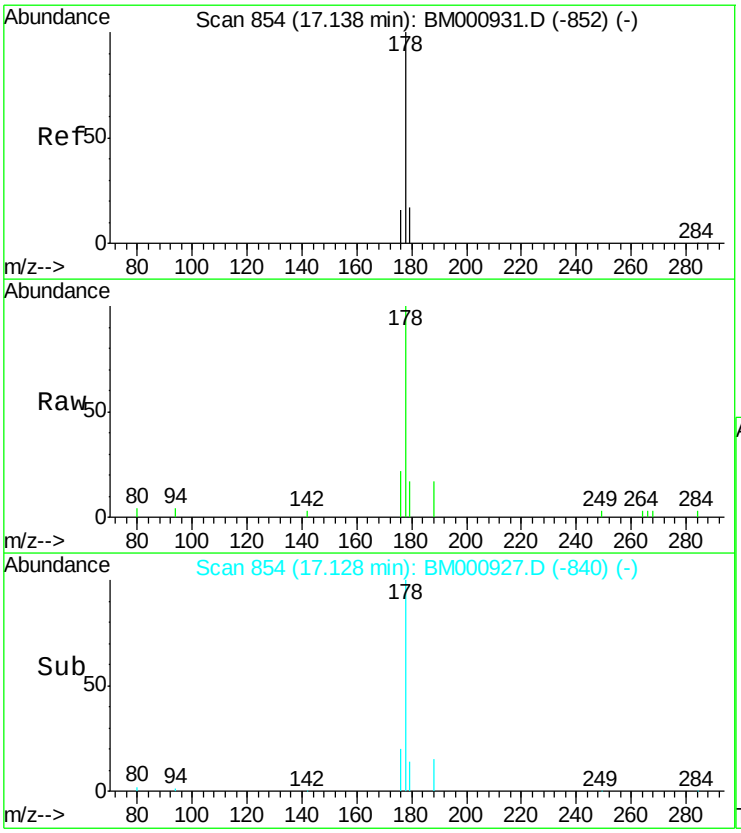
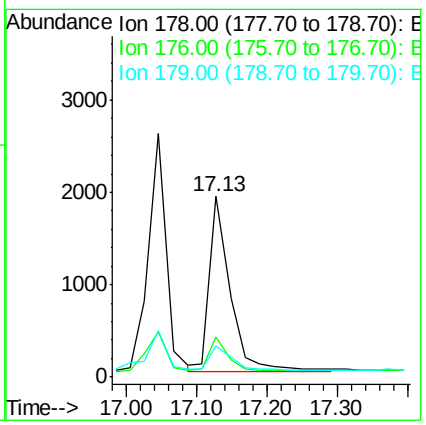
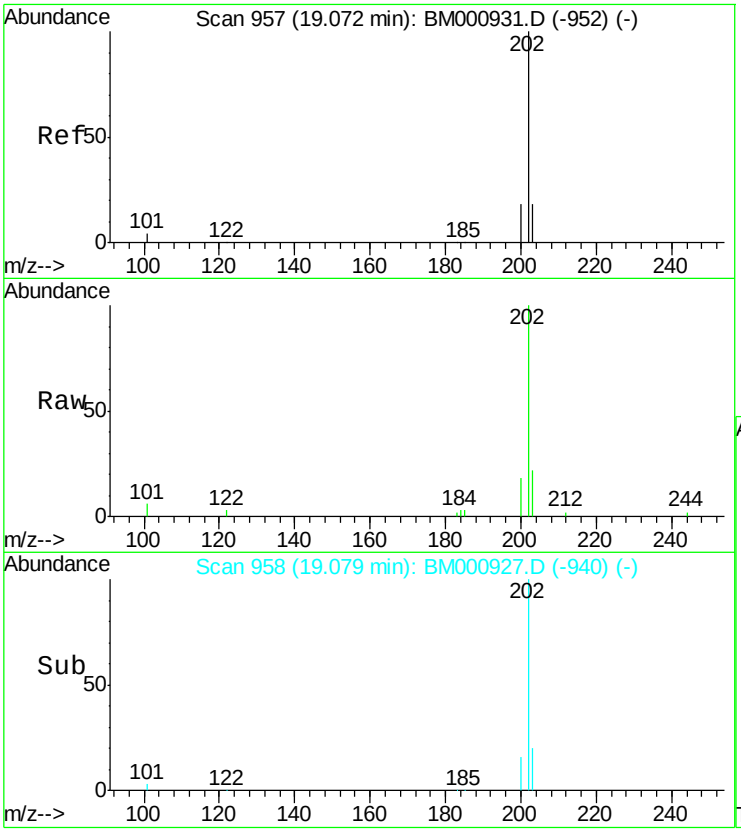


#28
Anthracene
Concen: 0.04 ng m
RT: 17.13 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:178 Resp: 3926

Ion	Ratio	Lower	Upper
178	100		
176	22.4	12.7	19.1#
179	17.2	13.9	20.9

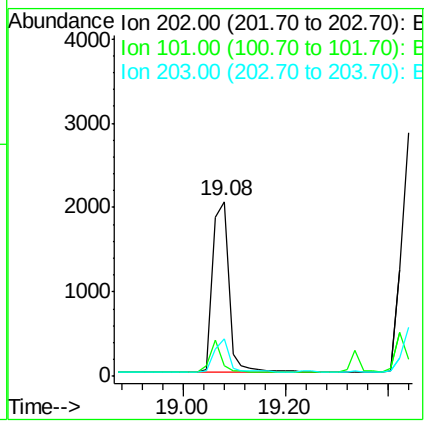




#29
Fluoranthene
Concen: 0.04 ng
RT: 19.08 min Scan# 958
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:202 Resp: 4482

Ion	Ratio	Lower	Upper
202	100		
101	5.9	0.0	24.1
203	21.7	0.0	38.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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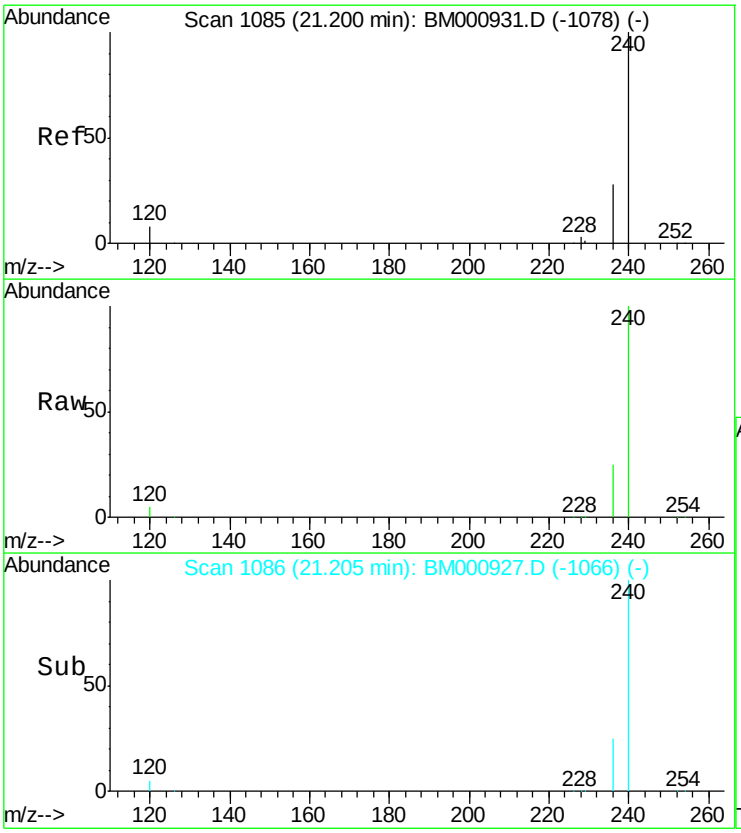
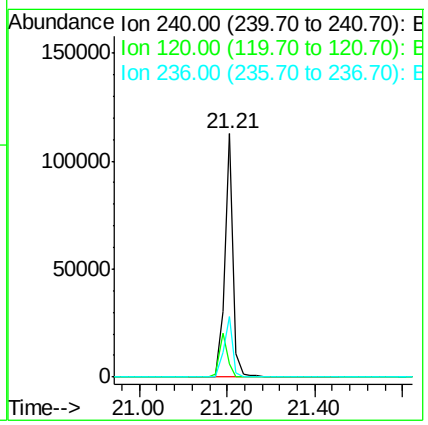
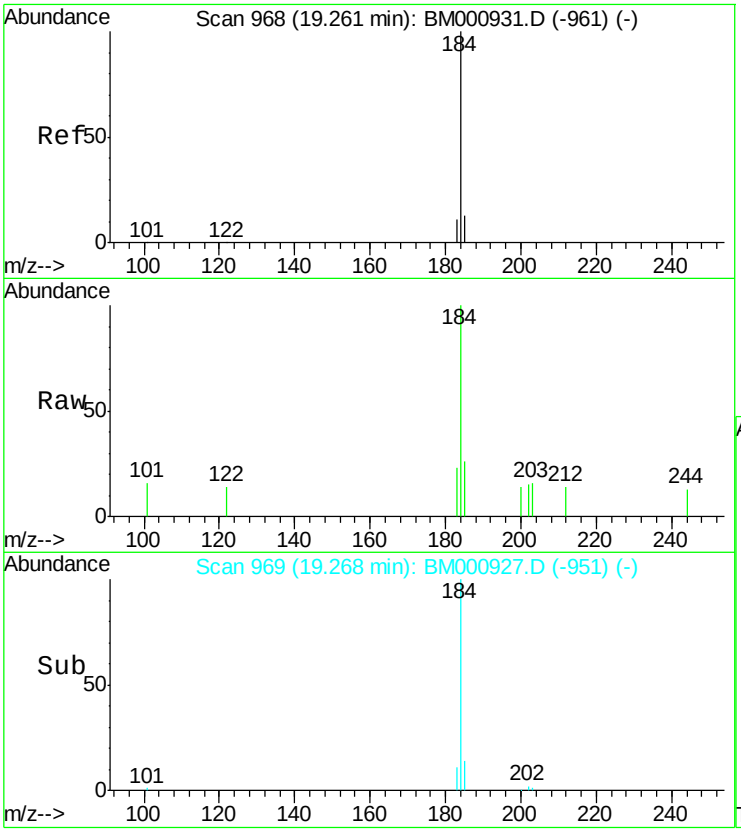


#30
Chrysene-d12
Concen: 5.00 ng
RT: 21.21 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:240 Resp: 147559

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	24.9	22.1	33.1





#31
Benzidine
Concen: 0.07 ng
RT: 19.27 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:184 Resp: 1307

Ion	Ratio	Lower	Upper
184	100		
185	26.1	12.2	18.4#
183	23.1	10.3	15.5#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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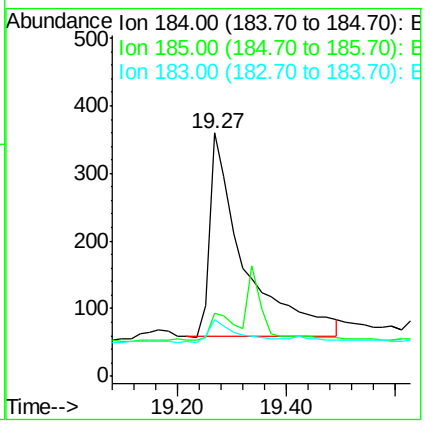
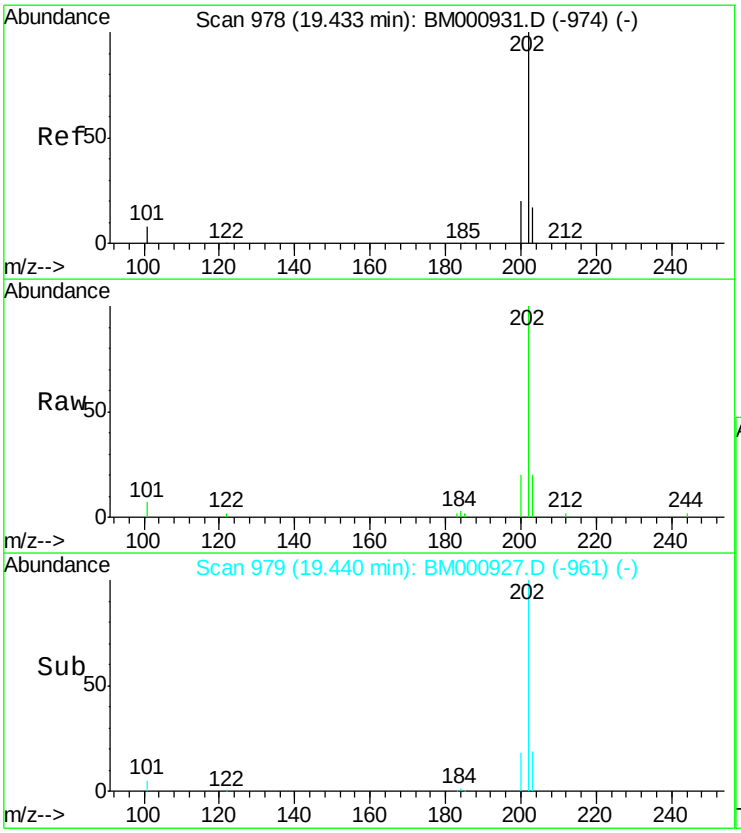
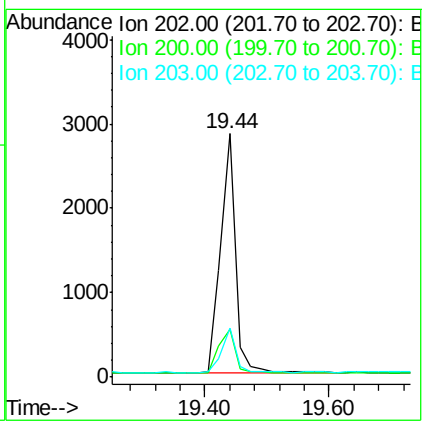


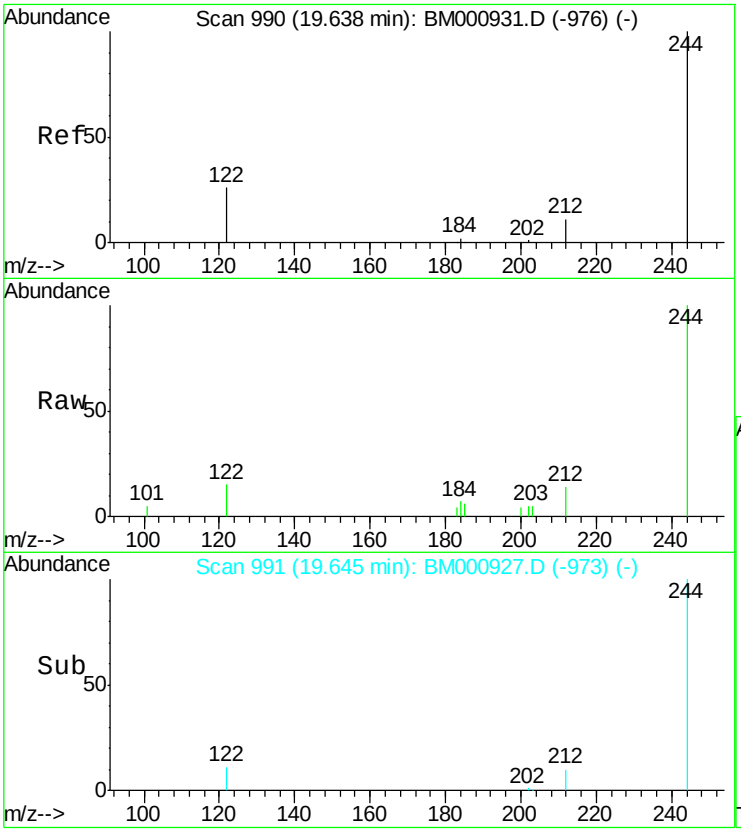


#32
Pyrene
Concen: 0.04 ng
RT: 19.44 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:202 Resp: 4676

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.2	24.4
203	20.1	13.5	20.3

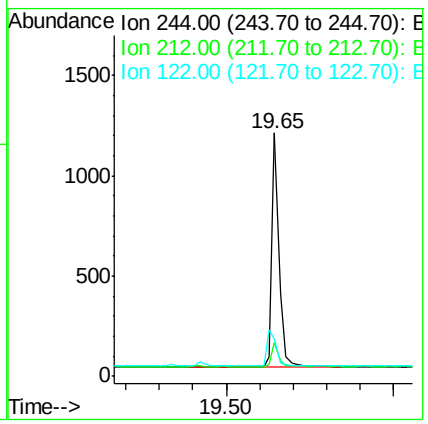




#33
Terphenyl-d14
Concen: 0.04 ng
RT: 19.65 min Scan# 991
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:244 Resp: 1750

Ion	Ratio	Lower	Upper
244	100		
212	13.8	9.4	14.0
122	15.5	20.9	31.3#



Instrument :
BNA_M
ClientSampleId :
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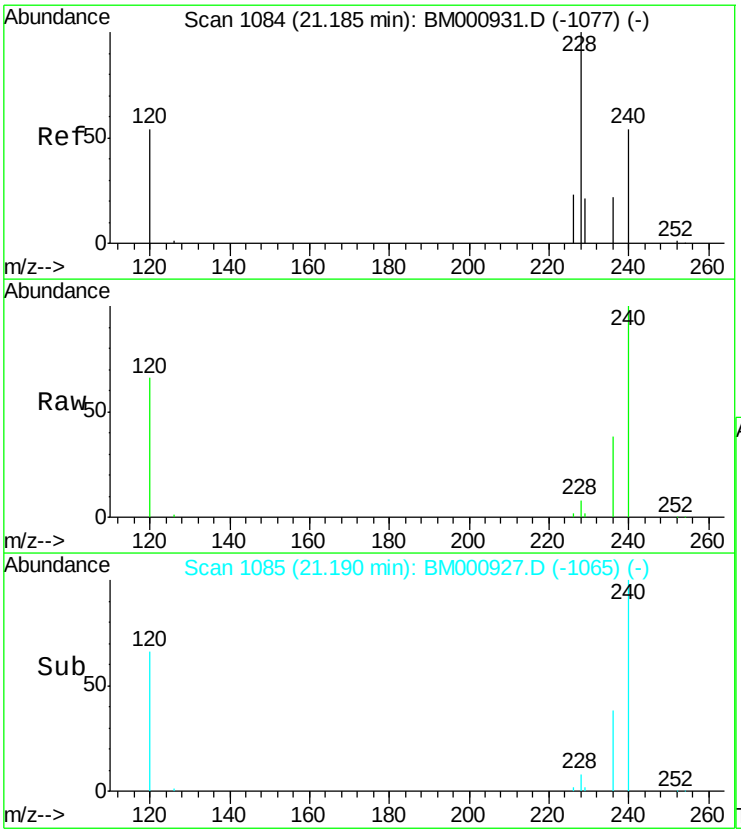
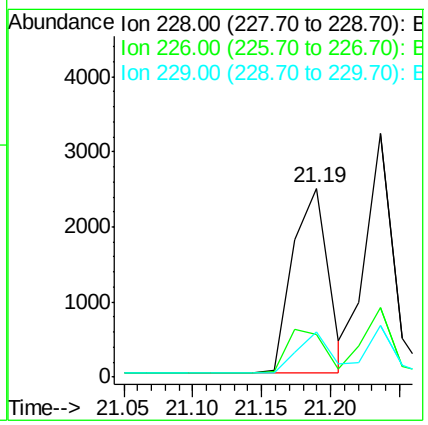
4/10/2015 5:18:53 PM

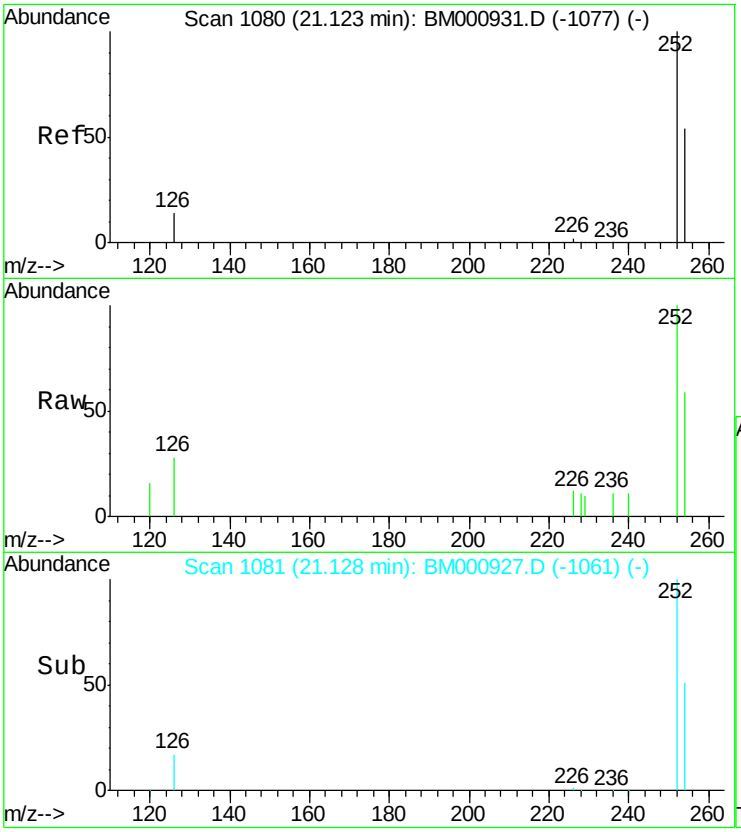


#34
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.19 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:228 Resp: 4368

Ion	Ratio	Lower	Upper
228	100		
226	22.8	18.9	28.3
229	23.6	16.8	25.2





#35
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 21.13 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:252 Resp: 930

Ion	Ratio	Lower	Upper
252	100		
254	58.7	43.4	65.2
126	27.6	12.3	18.5#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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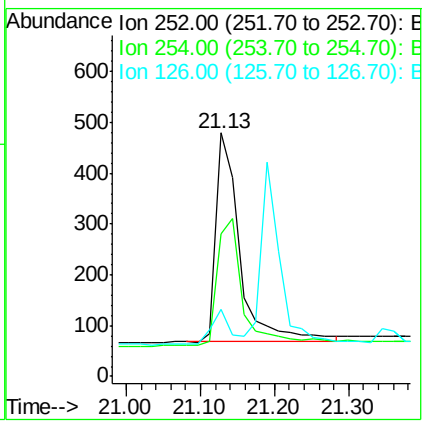
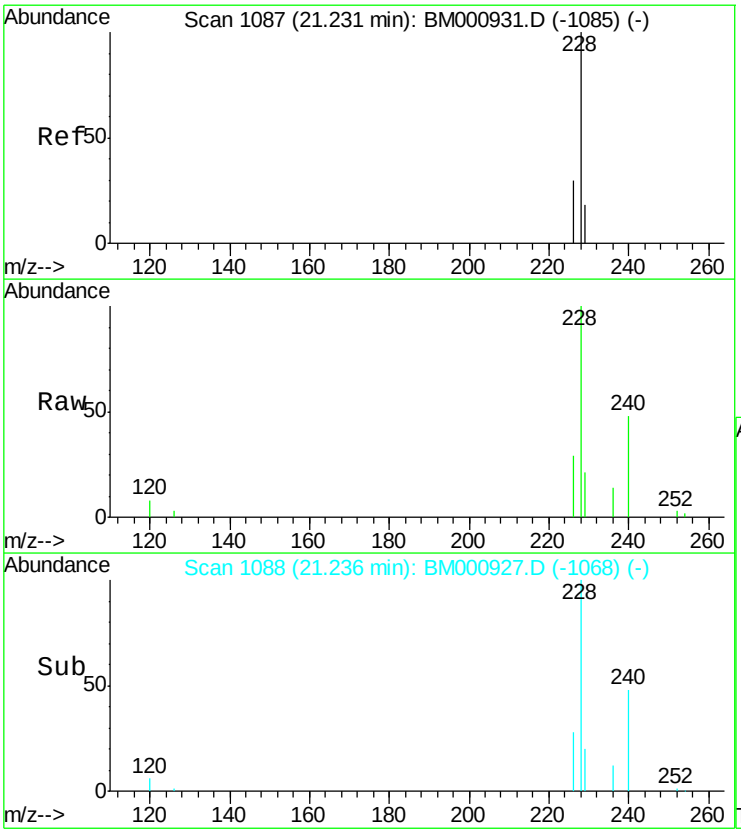
4/10/2015 5:18:53 PM

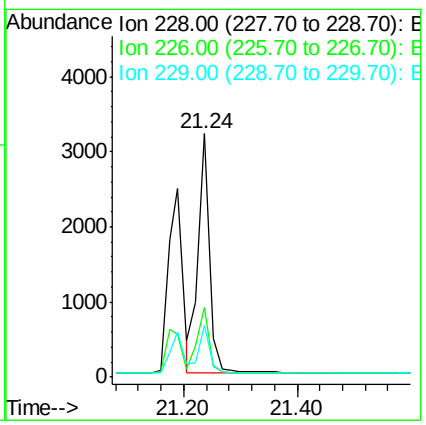


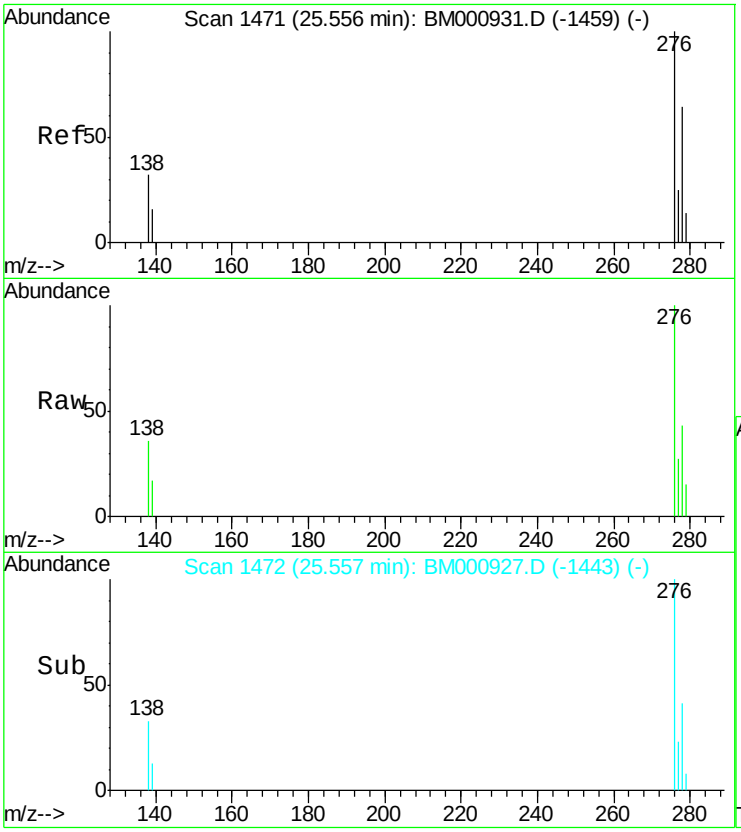


#36
Chrysene
Concen: 0.04 ng
RT: 21.24 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:228 Resp: 4465

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	21.1	15.0	22.6

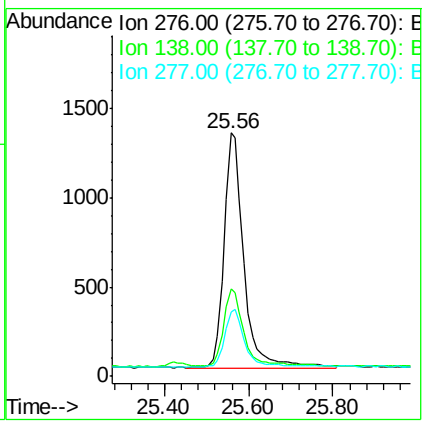




#37
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 25.56 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:276 Resp: 4318

Ion	Ratio	Lower	Upper
276	100		
138	33.6	26.6	40.0
277	24.3	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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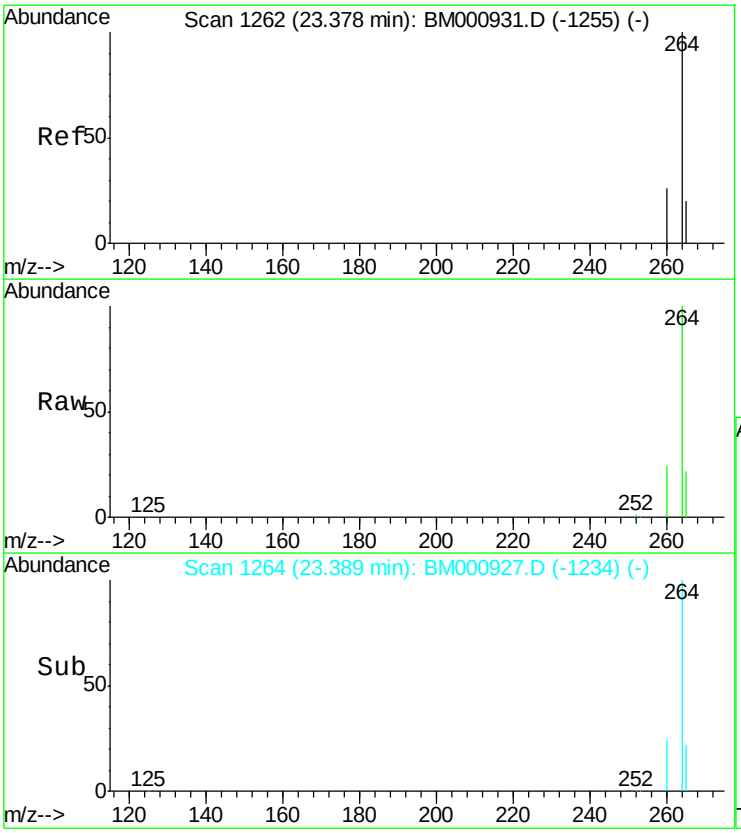
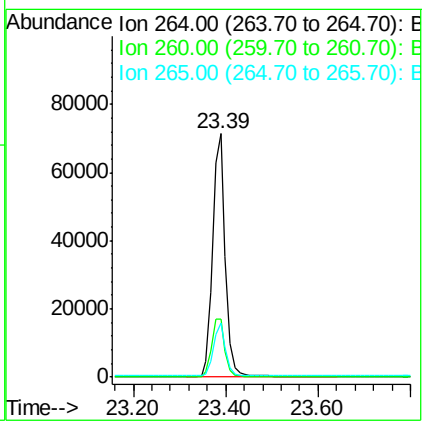
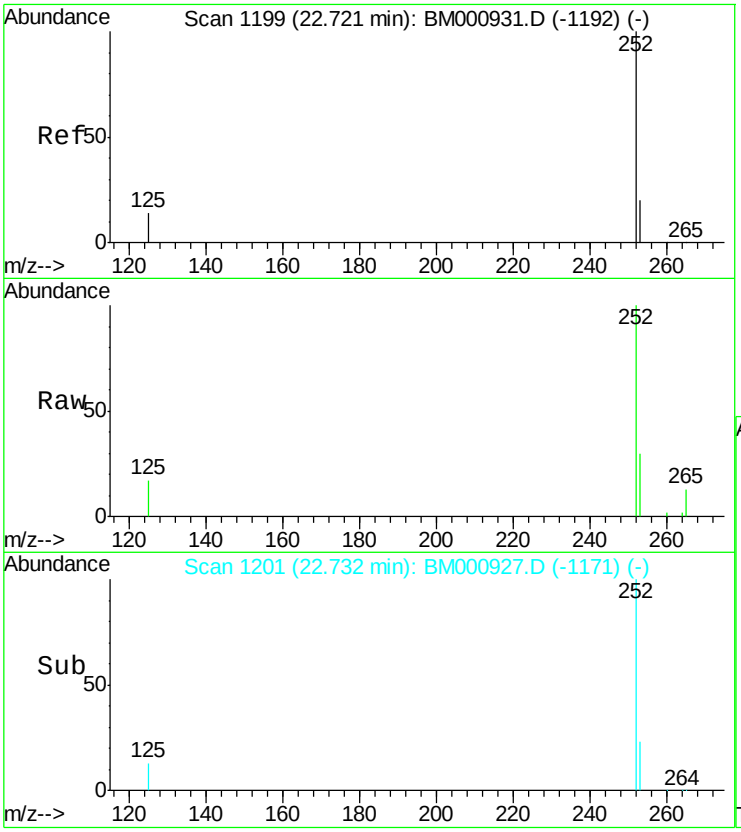


#38
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:264 Resp: 135923

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.6	30.8
265	22.2	16.4	24.6





#39
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.73 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:252 Resp: 4234

Ion	Ratio	Lower	Upper
252	100		
253	30.4	16.9	25.3#
125	16.9	11.3	16.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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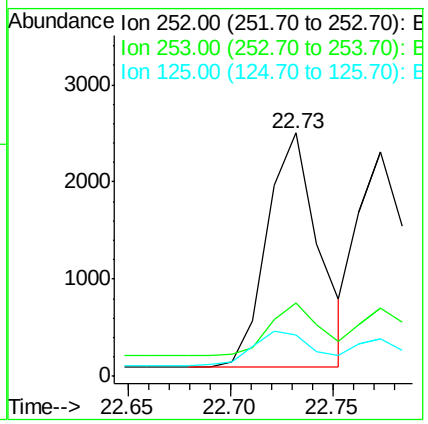
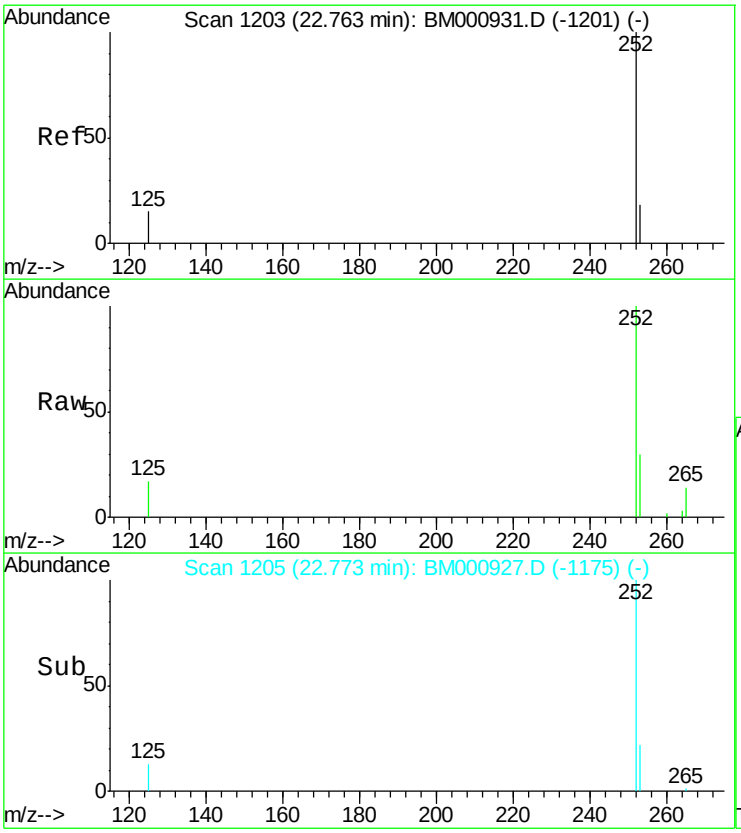
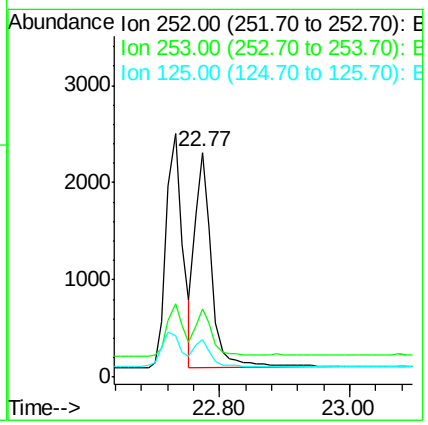


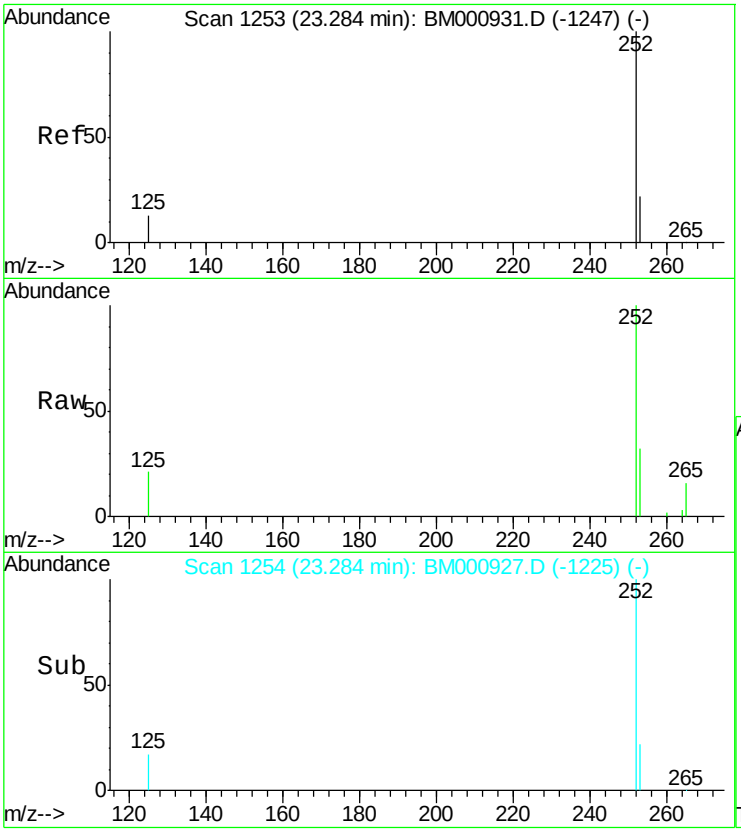


#40
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.77 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:252 Resp: 3897

Ion	Ratio	Lower	Upper
252	100		
253	30.2	16.9	25.3#
125	16.9	11.2	16.8#





#41
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.28 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:252 Resp: 3628

Ion	Ratio	Lower	Upper
252	100		
253	32.0	19.0	28.4#
125	21.3	11.0	16.6#

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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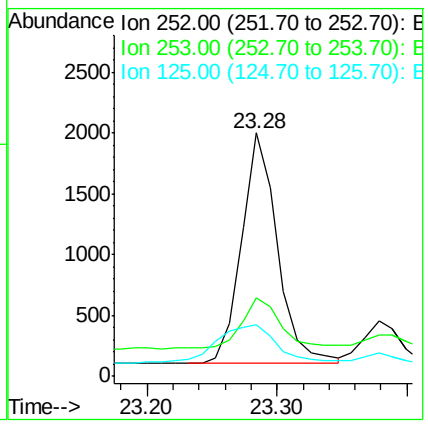
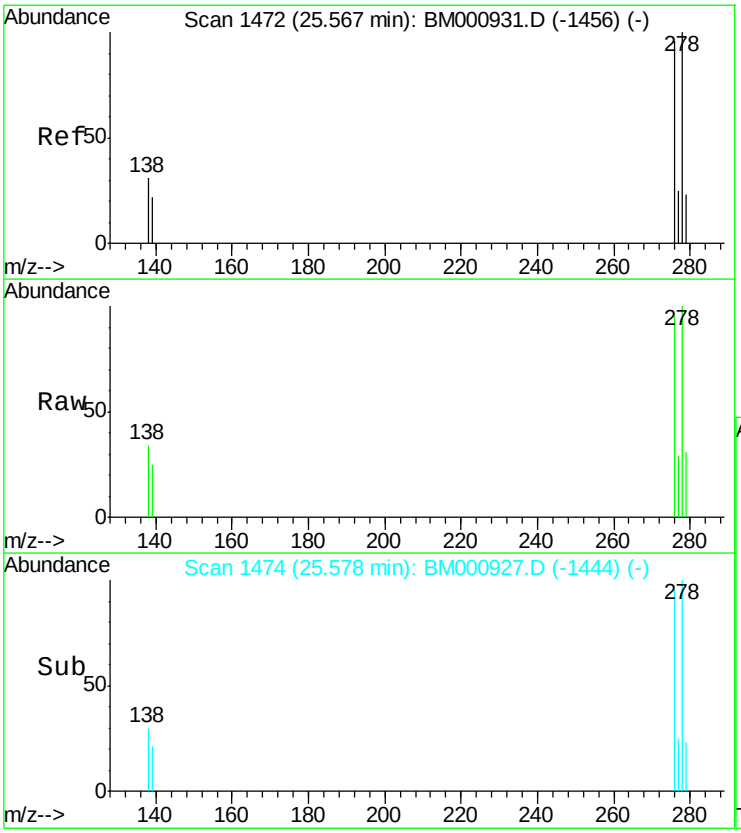
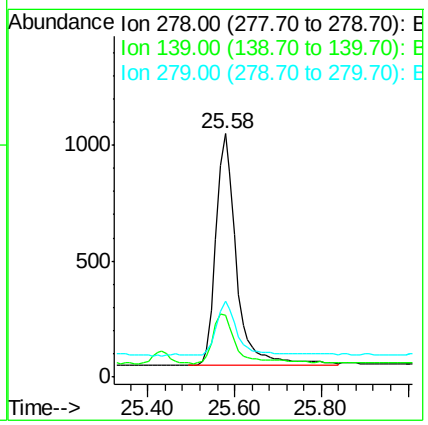


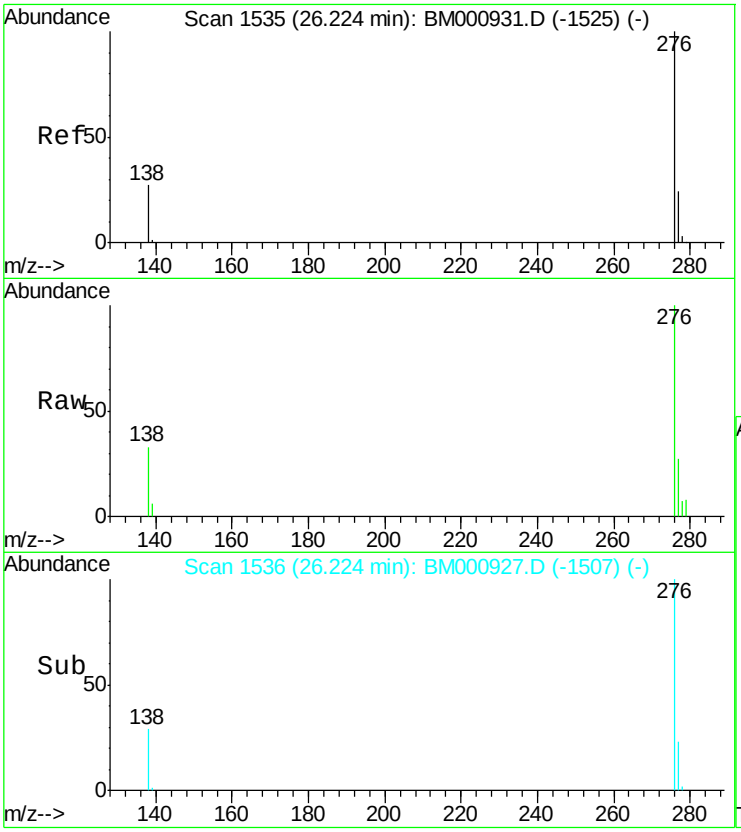


#42
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.58 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:278 Resp: 3280

Ion	Ratio	Lower	Upper
278	100		
139	25.4	17.8	26.8
279	31.1	19.0	28.6#

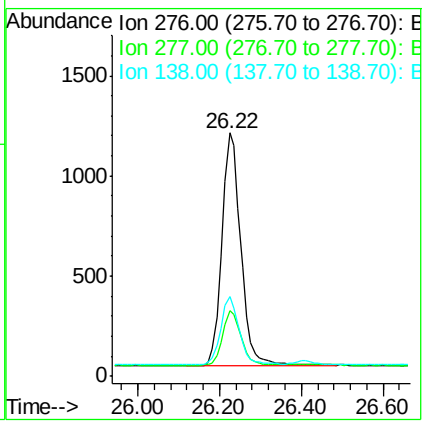




#43
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.22 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM000927.D
Acq: 09 Apr 2015 18:25

Tgt Ion:276 Resp: 3780

Ion	Ratio	Lower	Upper
276	100		
277	26.9	19.4	29.0
138	32.6	21.7	32.5#



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

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