Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
Data File : BM004689.D
Acq On : 18 Mar 2016 19:33
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/21/2016 2:43:19 PM

Quant Time: Mar 21 14:14:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 07:50:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	28766	5.00	ng		0.00
6) Naphthalene-d8	10.63	136	117002	5.00	ng		0.00
10) Acenaphthene-d10	14.46	164	63461	5.00	ng		0.00
16) Phenanthrene-d10	17.22	188	114937	5.00	ng		0.00
22) Chrysene-d12	21.39	240	139812	5.00	ng		0.00
28) Perylene-d12	23.70	264	115460	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	2943	0.44	ng		0.00
5) Phenol-d6	6.99	99	3430	0.42	ng		0.00
7) Nitrobenzene-d5	8.99	82	2366	0.42	ng		0.00
11) 2,4,6-Tribromophenol	15.95	330	812m	0.39	ng		0.00
12) 2-Fluorobiphenyl	13.09	172	8524	0.47	ng		0.00
24) Terphenyl-d14	19.84	244	7254	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1215m	0.41	ng		
3) n-Nitrosodimethylamine	3.66	42	1389	0.47	ng		97
8) Naphthalene	10.66	128	14456	0.45	ng		100
9) 2-Methylnaphthalene	12.29	142	9229	0.46	ng		100
13) Acenaphthylene	14.17	152	13882	0.43	ng		100
14) Acenaphthene	14.53	154	9959	0.46	ng		100
15) Fluorene	15.50	166	10920	0.45	ng	#	67
17) Hexachlorobenzene	16.53	284	3231	0.46	ng	#	100
18) Pentachlorophenol	16.86	266	1497	0.45	ng		99
19) Phenanthrene	17.24	178	22127	0.48	ng		100
20) Anthracene	17.34	178	14076	0.43	ng		100
21) Fluoranthene	19.26	202	19455	0.45	ng		100
23) Pyrene	19.64	202	20474	0.40	ng		99
25) Benzo(a)anthracene	21.37	228	20909m	0.37	ng		
26) Chrysene	21.43	228	18823m	0.45	ng		
27) Indeno(1,2,3-cd)pyrene	26.02	276	19366	0.41	ng		99
29) Benzo(b)fluoranthene	23.00	252	19085	0.45	ng		98
30) Benzo(k)fluoranthene	23.04	252	18297	0.44	ng		97
31) Benzo(a)pyrene	23.59	252	16971	0.43	ng		99
32) Dibenzo(a,h)anthracene	26.03	278	15524	0.44	ng		98
33) Benzo(g,h,i)perylene	26.73	276	16571	0.44	ng		98

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

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ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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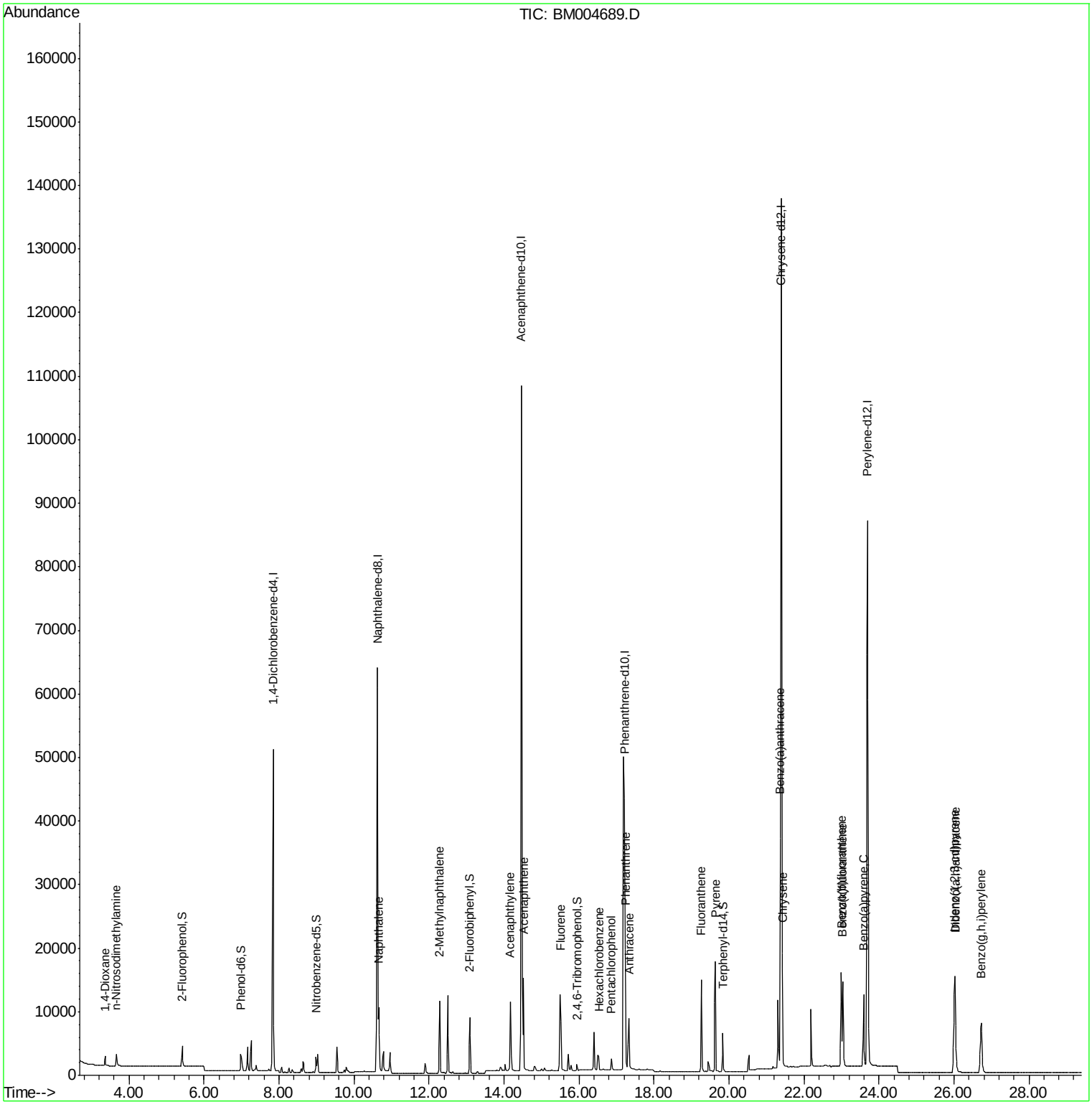
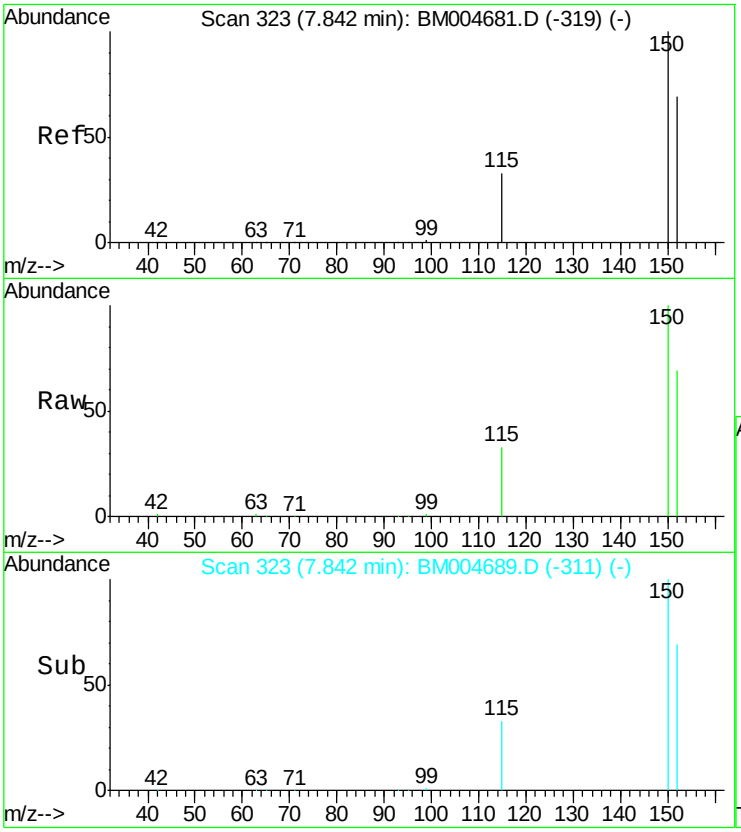
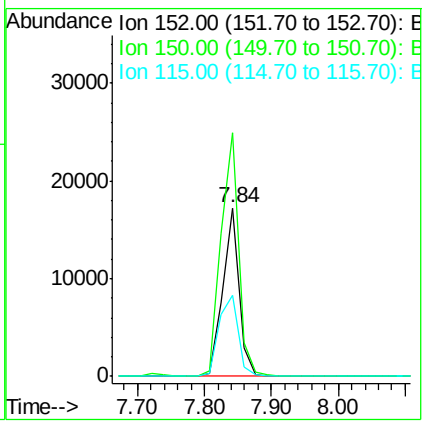




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:152 Resp: 28766

Ion	Ratio	Lower	Upper
152	100		
150	144.5	115.9	173.9
115	47.9	38.4	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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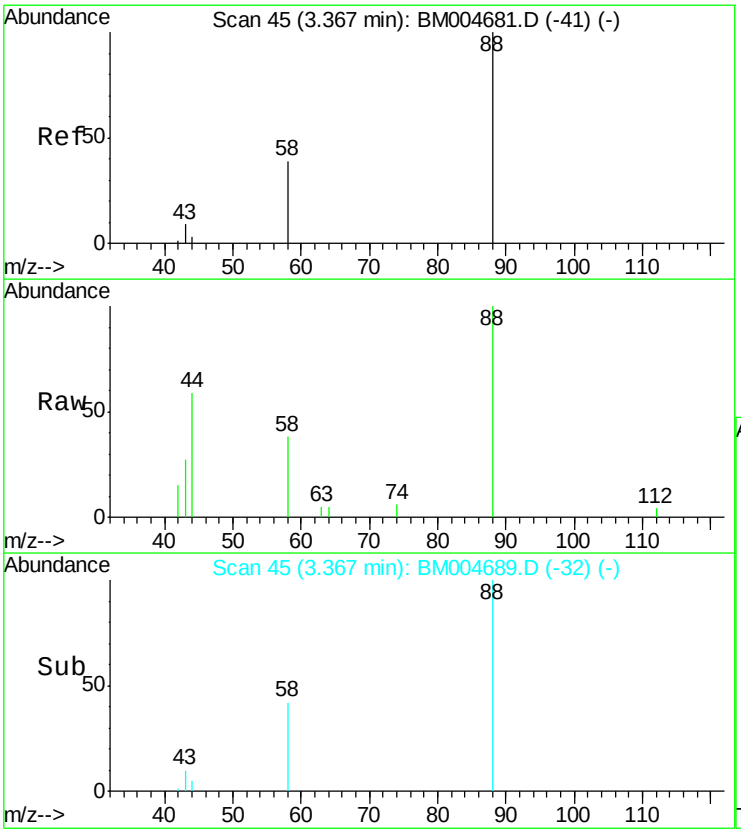
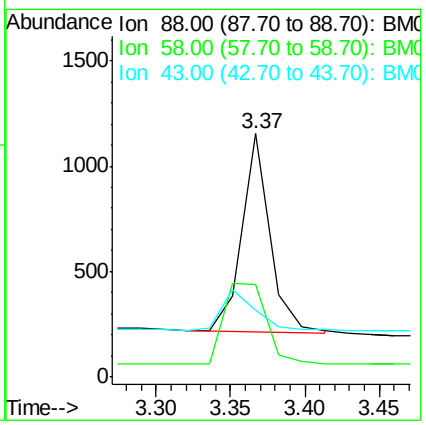
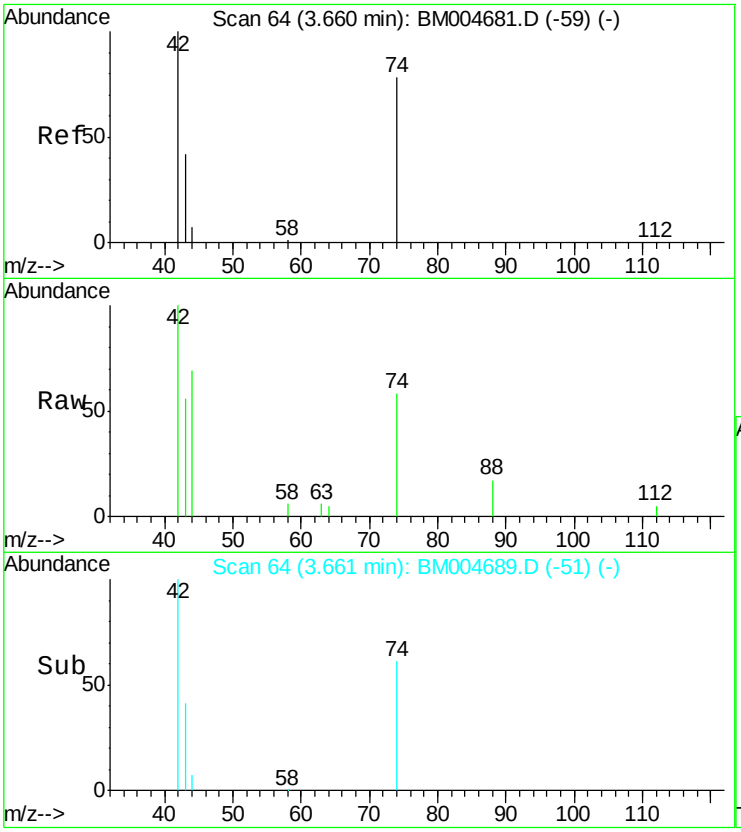


#2
1,4-Dioxane
Concen: 0.41 ng m
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion: 88 Resp: 1215

Ion	Ratio	Lower	Upper
88	100		
58	63.8	43.9	65.9
43	26.7	19.9	29.9

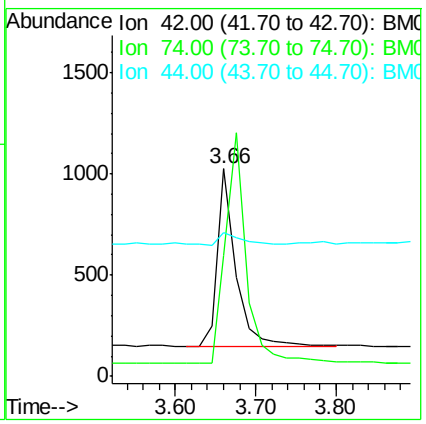




#3
n-Nitrosodimethylamine
Concen: 0.47 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion: 42 Resp: 1389

Ion	Ratio	Lower	Upper
42	100		
74	146.7	120.9	181.3
44	7.4	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

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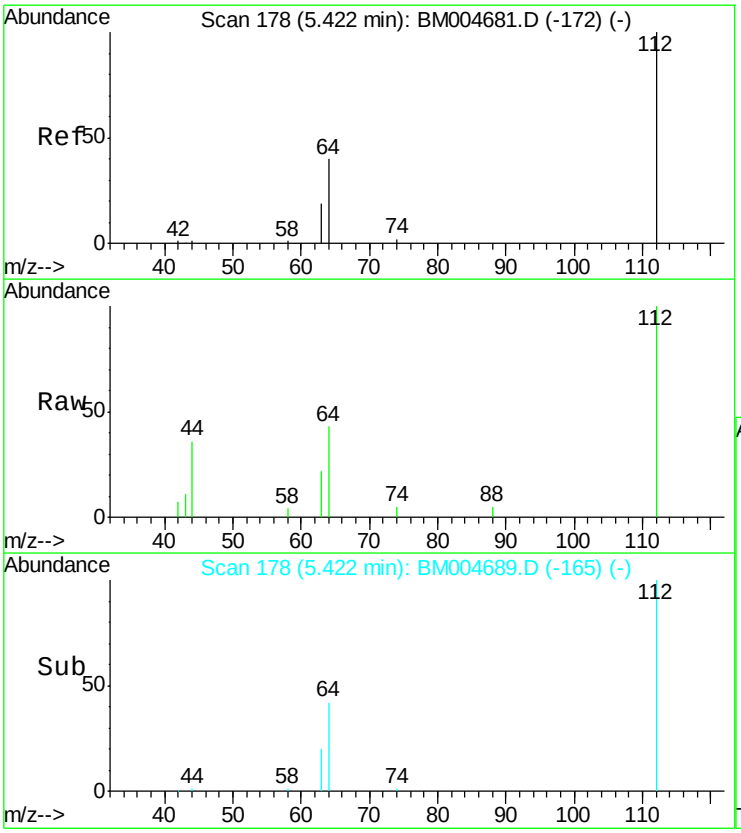
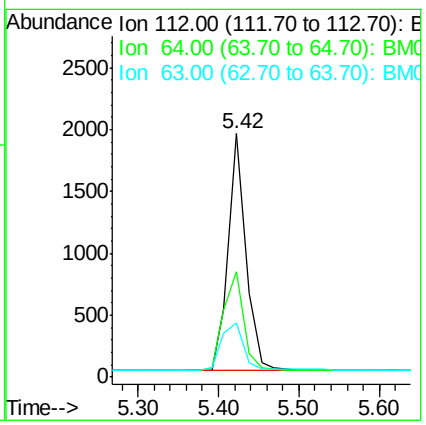
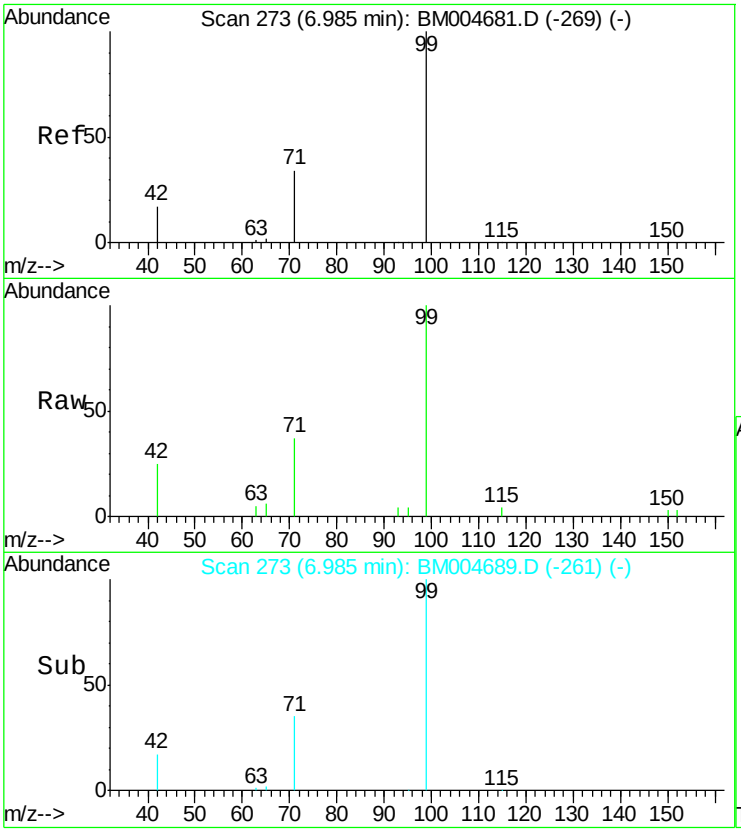


#4
2-Fluorophenol
Concen: 0.44 ng
RT: 5.42 min Scan# 178
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:112 Resp: 2943

Ion	Ratio	Lower	Upper
112	100		
64	47.1	37.0	55.6
63	24.1	19.3	28.9

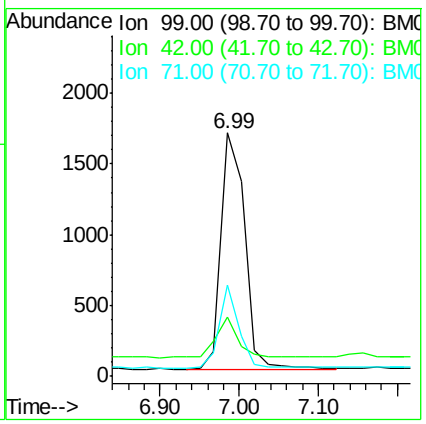




#5
Phenol-d6
Concen: 0.42 ng
RT: 6.99 min Scan# 273
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion: 99 Resp: 3430

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.7	19.1
71	28.7	22.9	34.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

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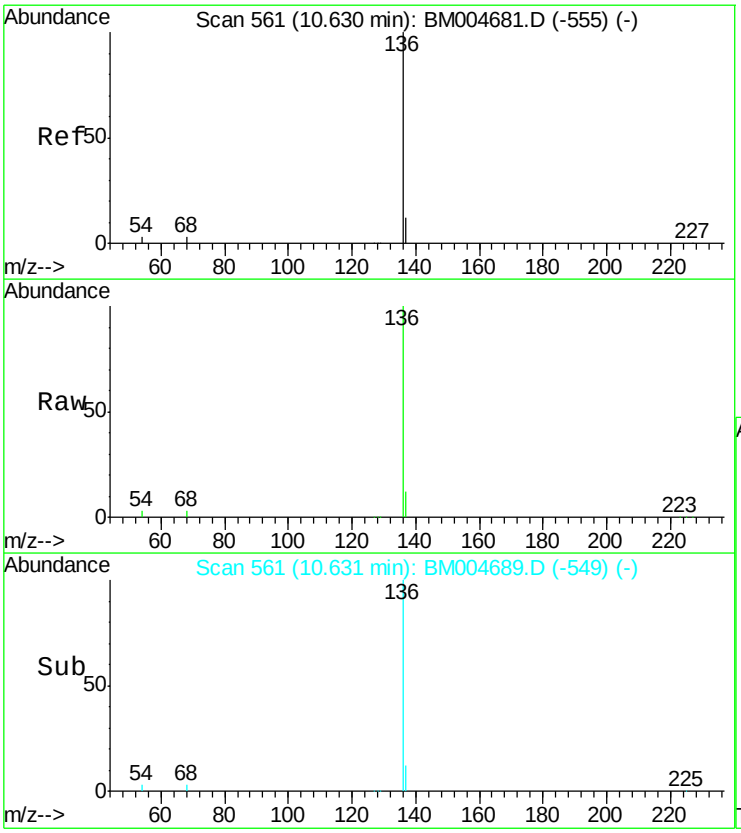
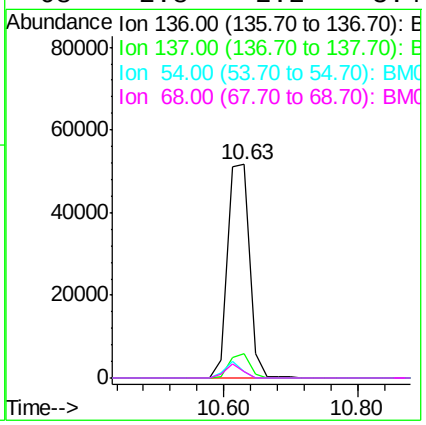
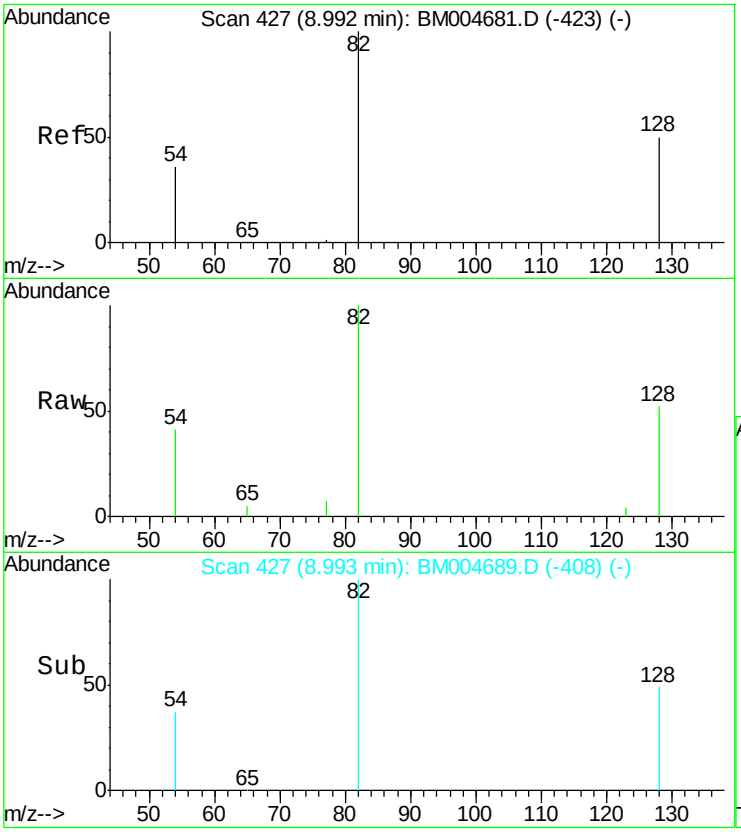


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.63 min Scan# 561
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:136 Resp: 117002

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	2.7	2.2	3.4
68	2.8	2.2	3.4

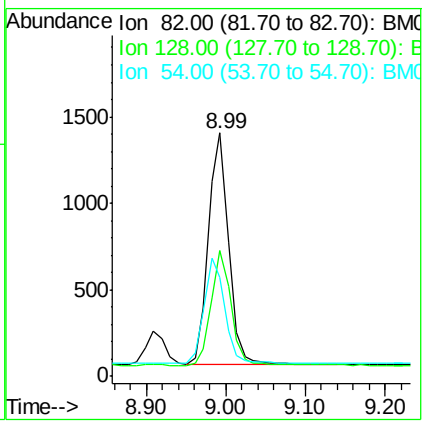




#7
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.99 min Scan# 427
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion: 82 Resp: 2366

Ion	Ratio	Lower	Upper
82	100		
128	51.6	41.8	62.8
54	40.8	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

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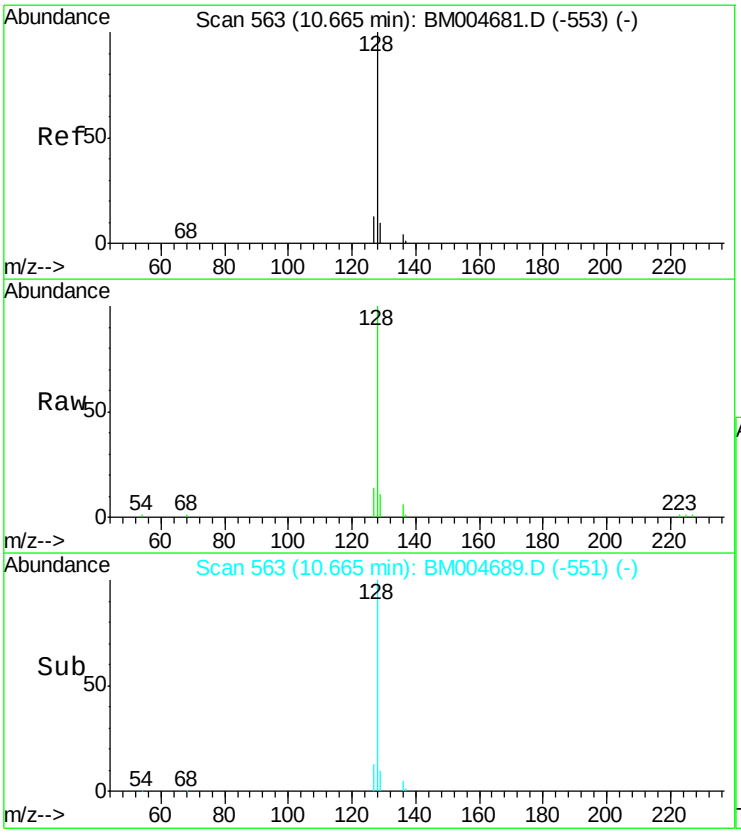
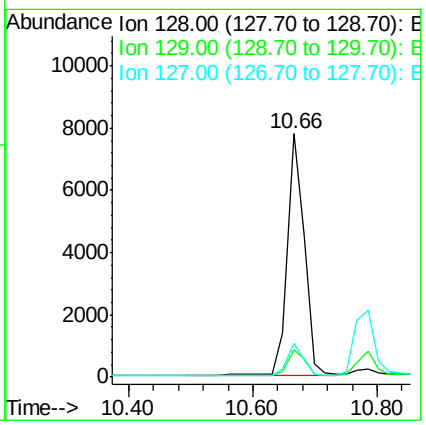
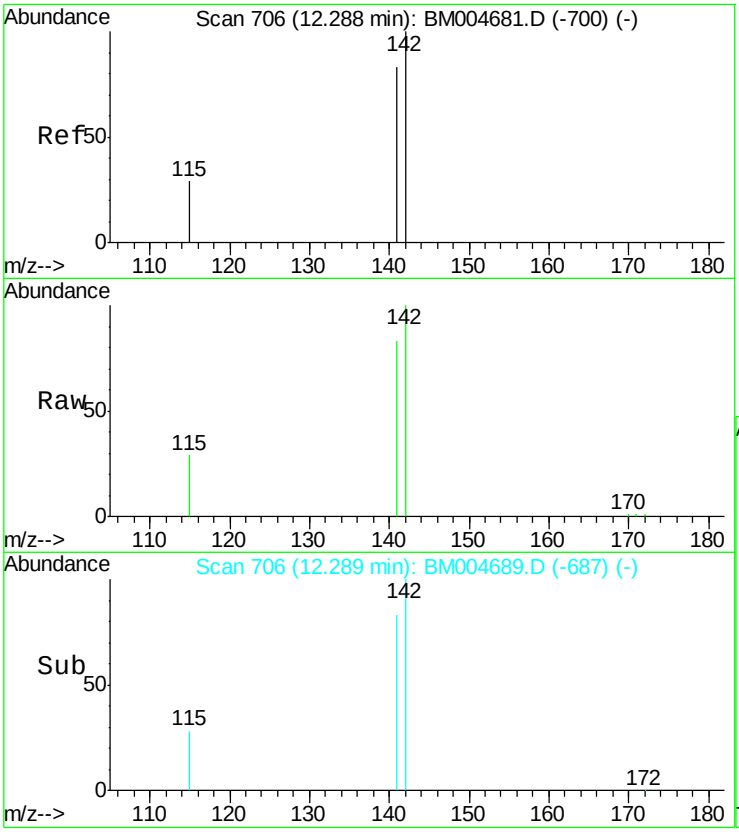


#8
Naphthalene
Concen: 0.45 ng
RT: 10.66 min Scan# 563
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:128 Resp: 14456

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.9	11.3	16.9

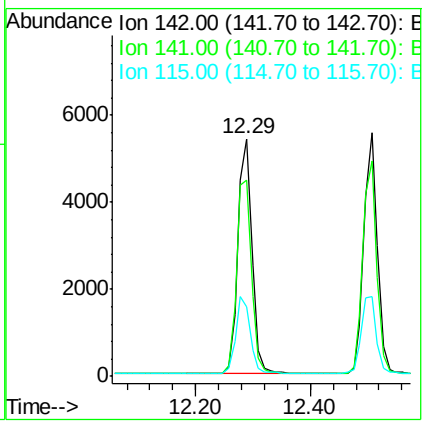




#9
2-Methylnaphthalene
Concen: 0.46 ng
RT: 12.29 min Scan# 706
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:142 Resp: 9229

Ion	Ratio	Lower	Upper
142	100		
141	82.6	66.2	99.2
115	29.0	23.8	35.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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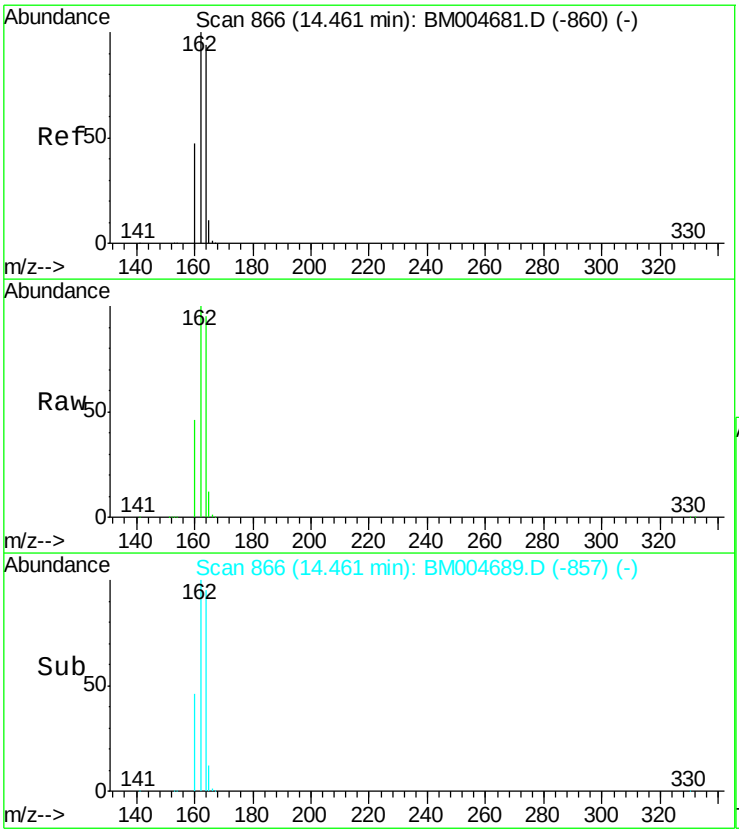
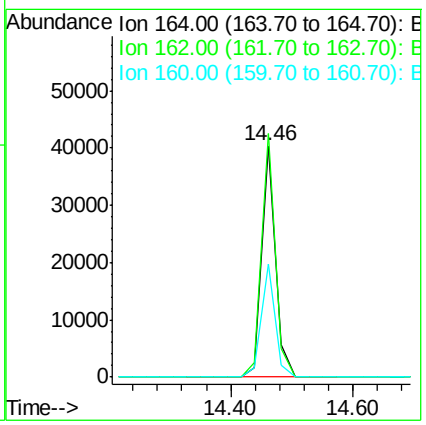
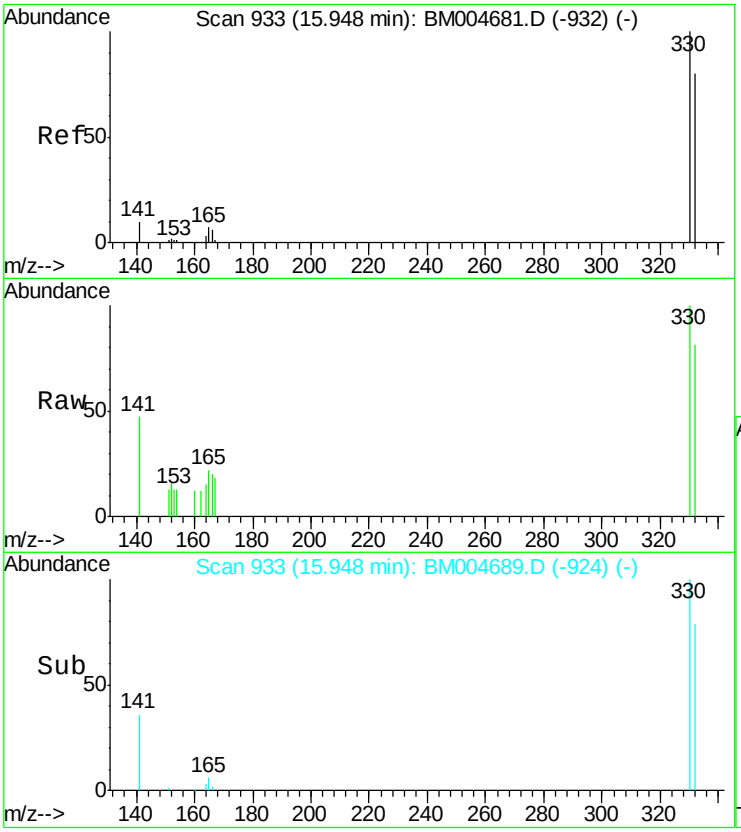


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.46 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:164 Resp: 63461

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.0
160	48.9	40.2	60.2

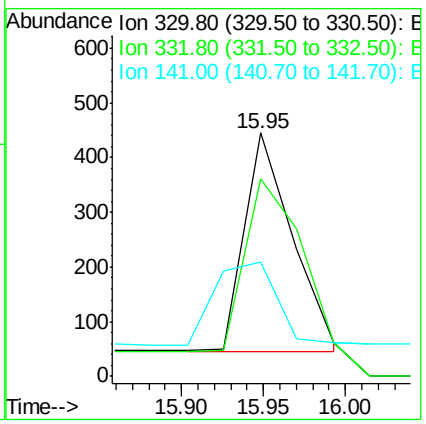




#11
2,4,6-Tribromophenol
Concen: 0.39 ng m
RT: 15.95 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:330 Resp: 812

Ion	Ratio	Lower	Upper
330	100		
332	121.6	93.9	140.9
141	49.9	42.2	63.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

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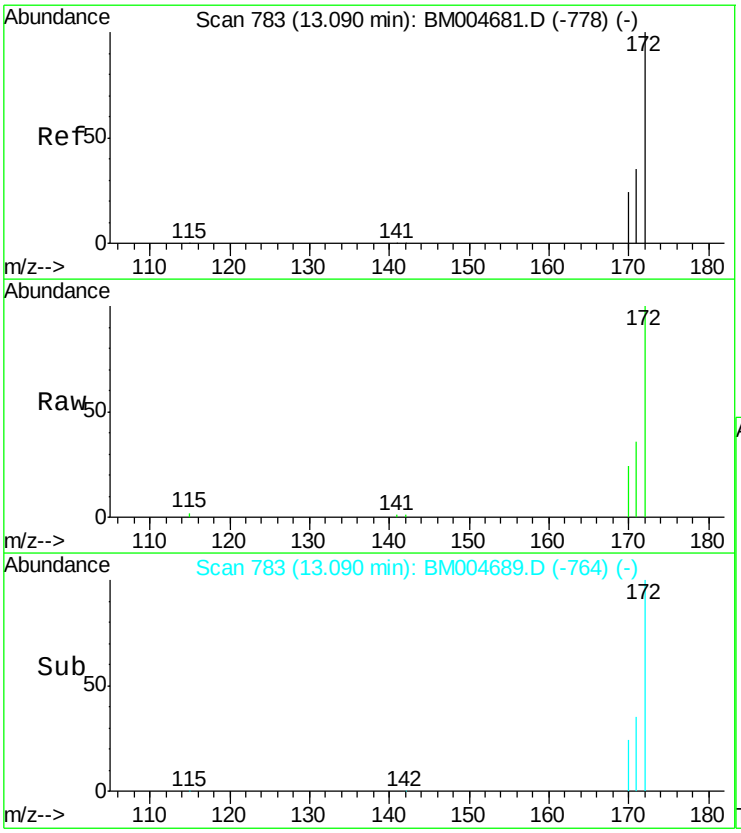
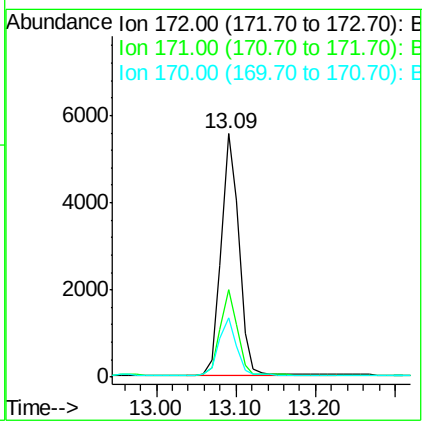
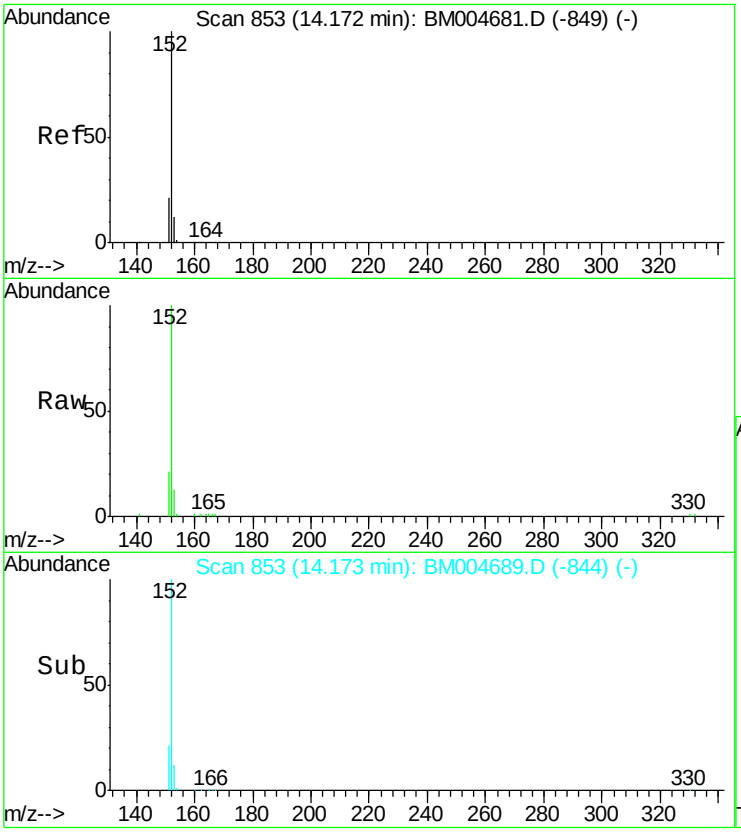


#12
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 13.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:172 Resp: 8524

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	24.5	19.4	29.2

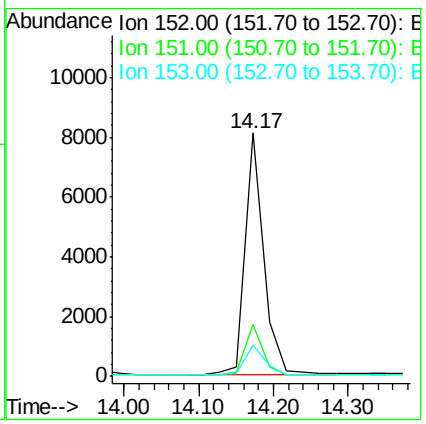




#13
Acenaphthylene
Concen: 0.43 ng
RT: 14.17 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:152 Resp: 13882

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.7	10.2	15.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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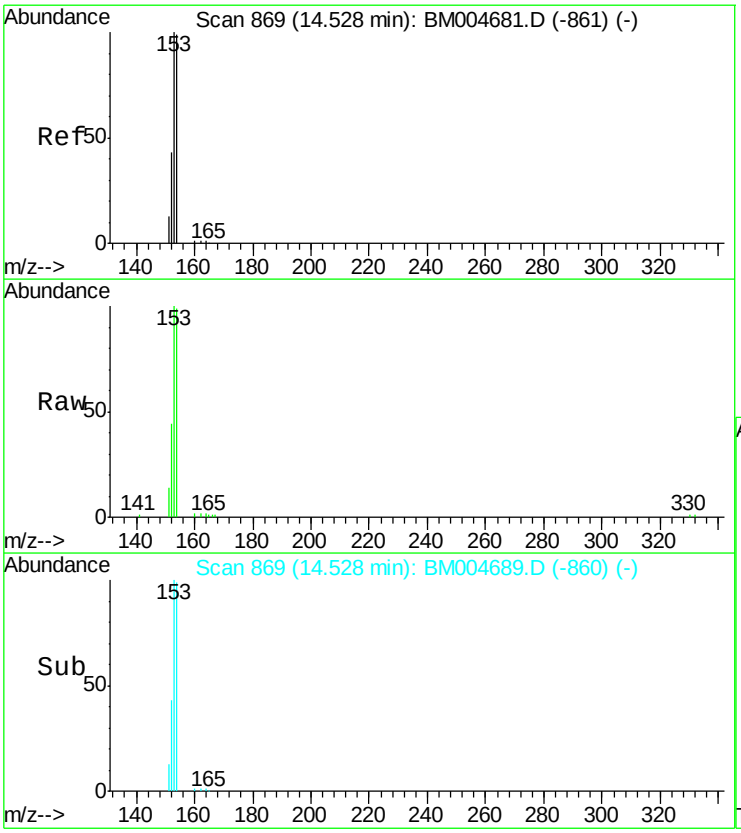
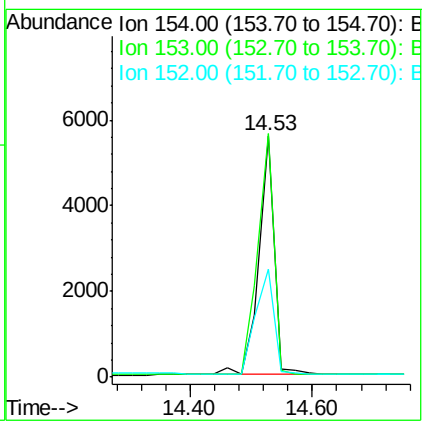
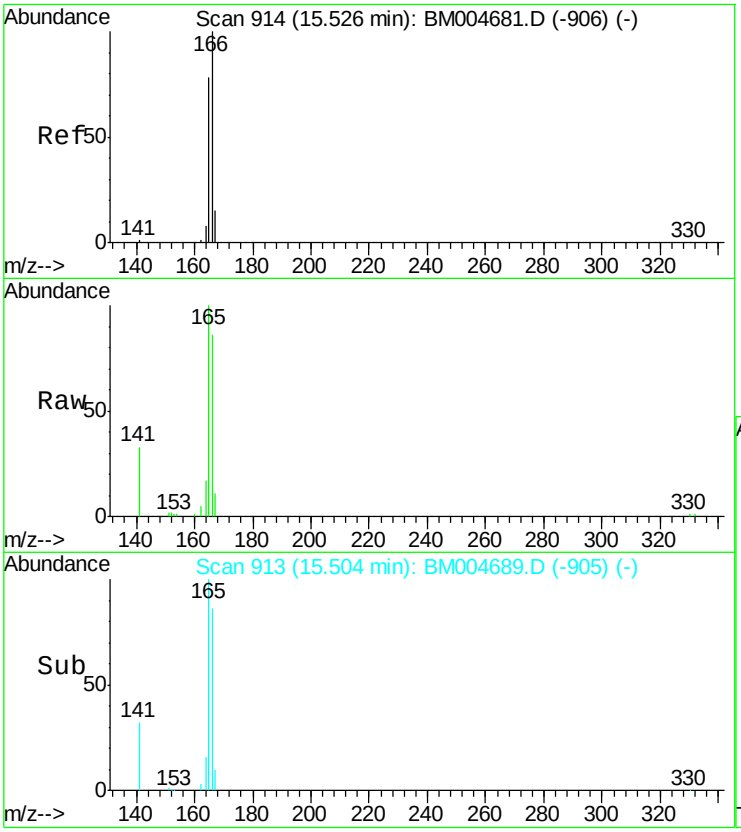


#14
Acenaphthene
Concen: 0.46 ng
RT: 14.53 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:154 Resp: 9959

Ion	Ratio	Lower	Upper
154	100		
153	104.9	83.8	125.6
152	51.1	40.3	60.5





#15
Fluorene
Concen: 0.45 ng
RT: 15.50 min Scan# 913
Delta R.T. -0.02 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:166 Resp: 10920

Ion	Ratio	Lower	Upper
166	100		
165	97.7	0.0	0.0#
167	0.0	10.6	15.8#

Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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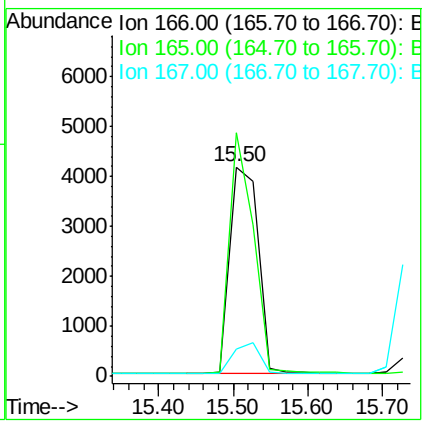
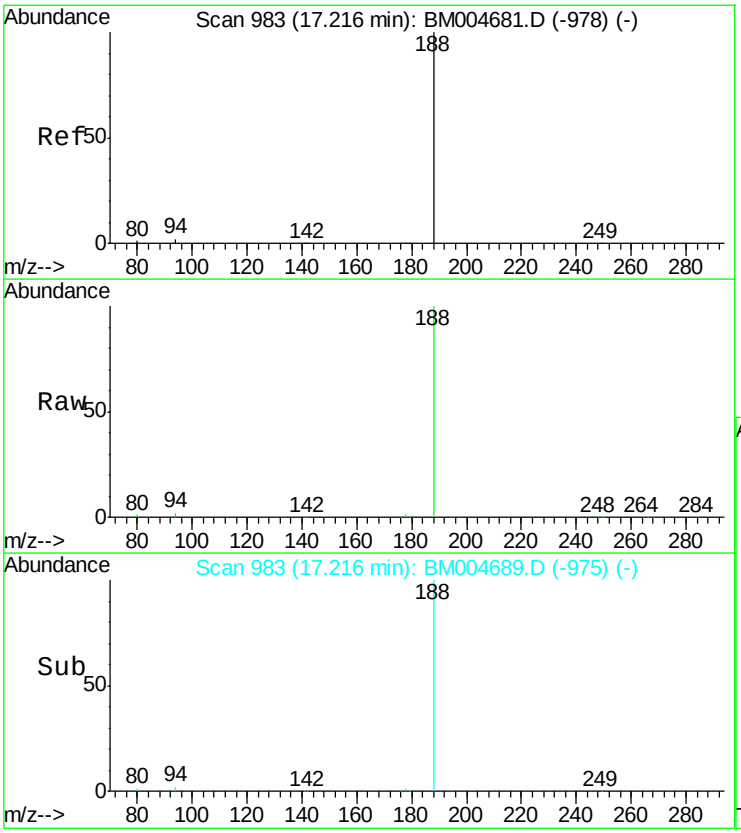
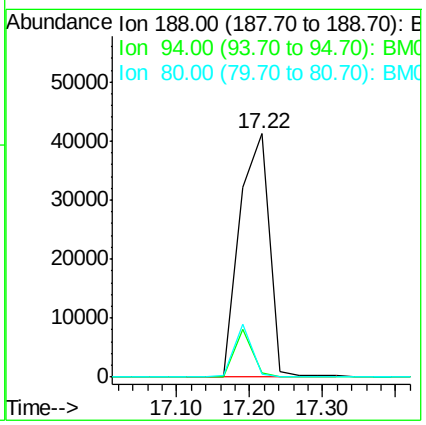


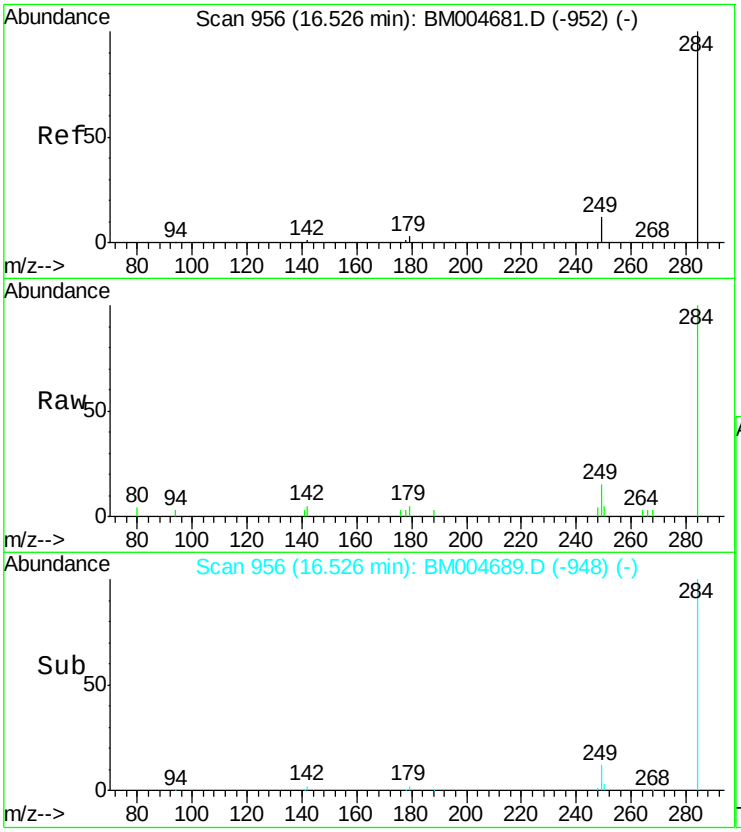


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:188 Resp: 114937

Ion	Ratio	Lower	Upper
188	100		
94	1.7	1.4	2.0
80	1.3	1.0	1.6

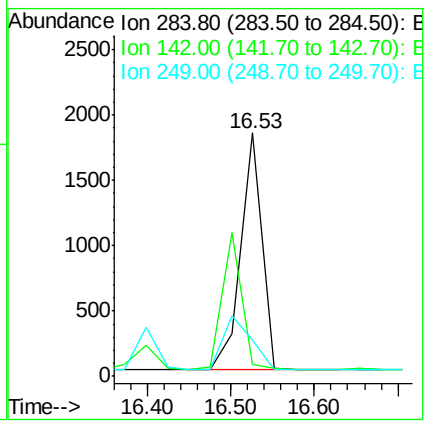




#17
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:284 Resp: 3231

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



Instrument :
BNA_M
ClientSampleId :
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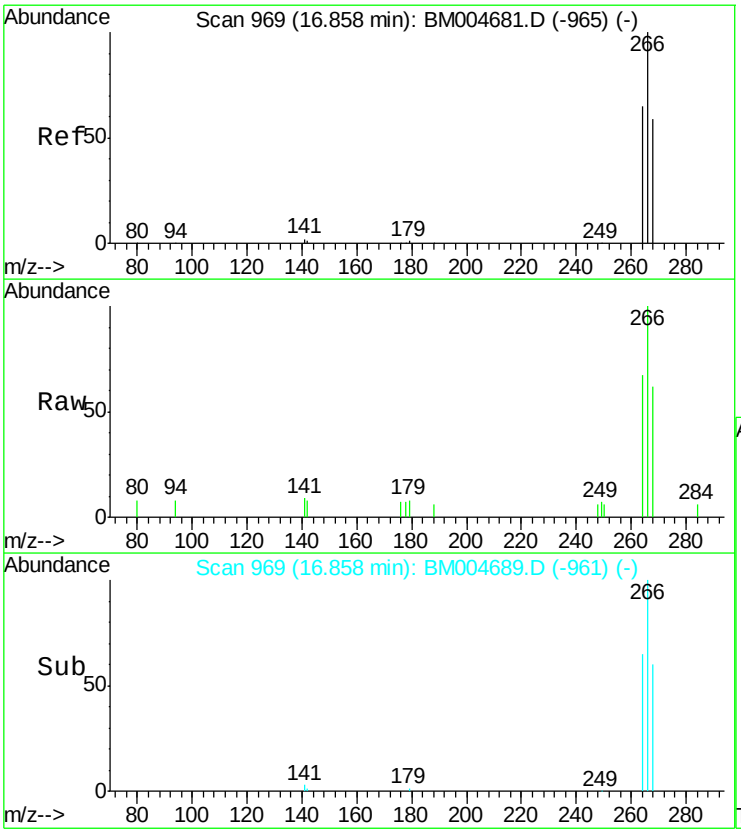
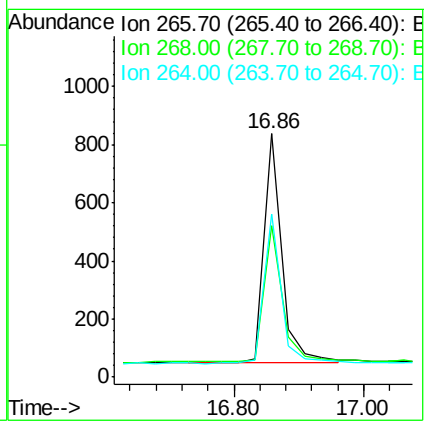
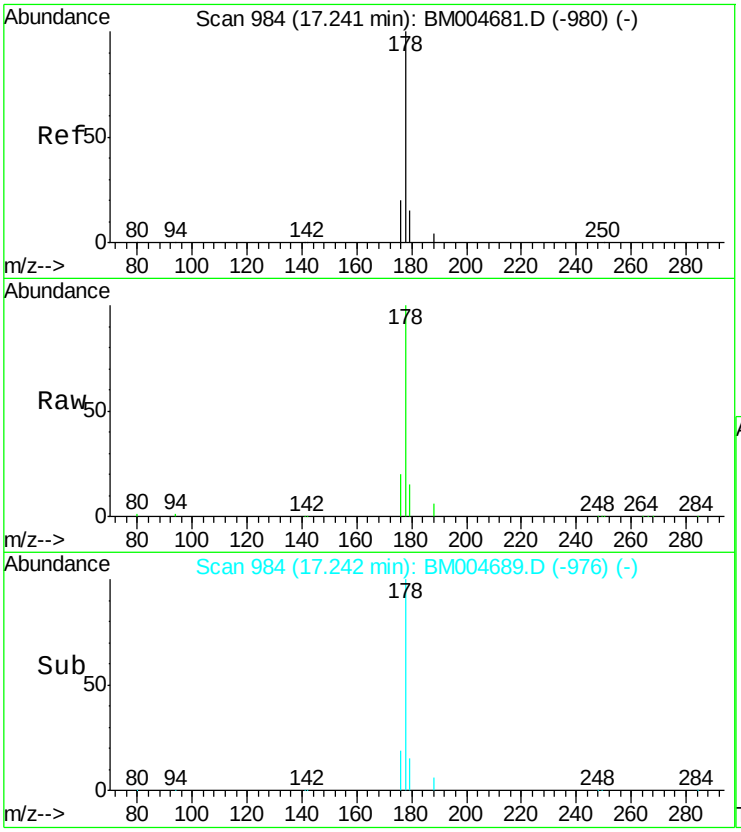


#18
Pentachlorophenol
Concen: 0.45 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:266 Resp: 1497

Ion	Ratio	Lower	Upper
266	100		
268	62.2	49.1	73.7
264	66.7	52.9	79.3

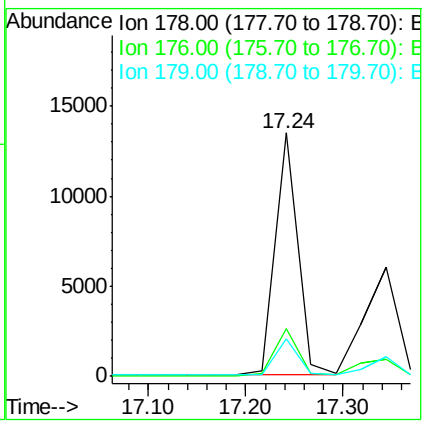




#19
Phenanthrene
Concen: 0.48 ng
RT: 17.24 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:178 Resp: 22127

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.4	12.2	18.4



Instrument :
BNA_M
ClientSampleId :
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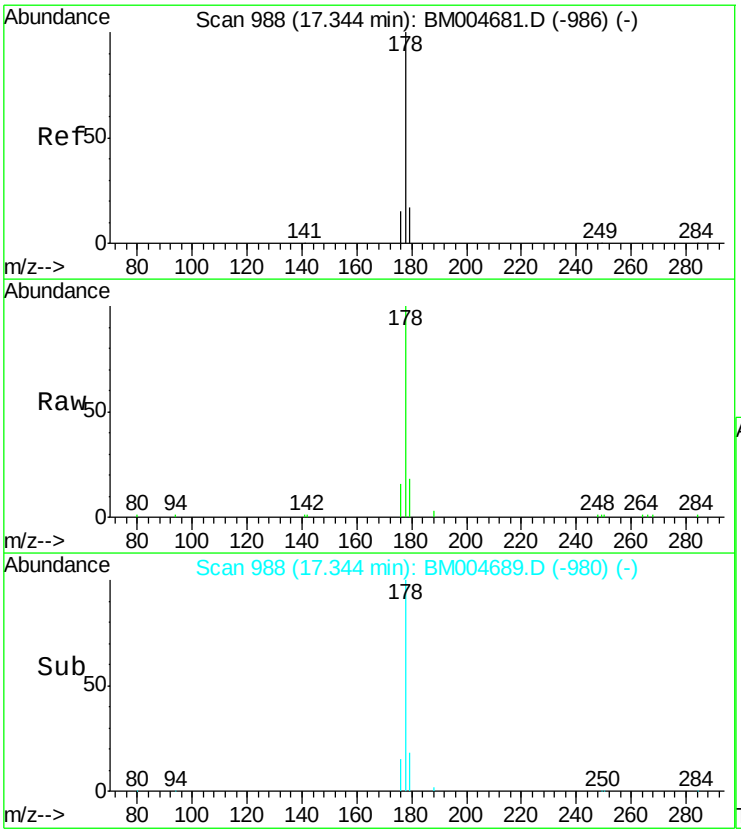
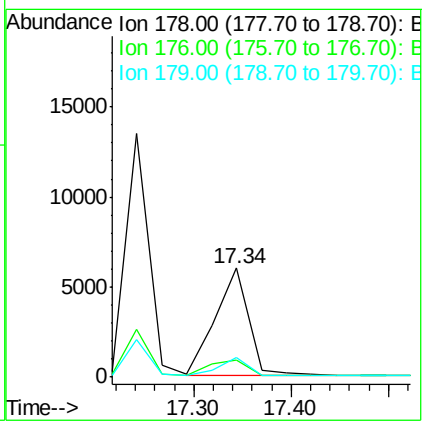
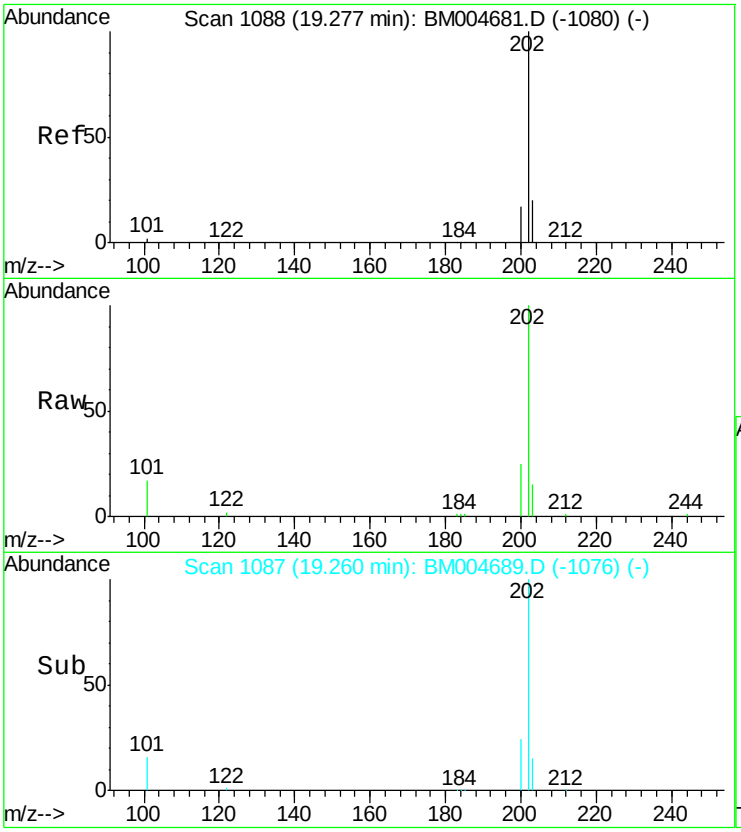


#20
Anthracene
Concen: 0.43 ng
RT: 17.34 min Scan# 988
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:178 Resp: 14076

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.5	12.6	18.8

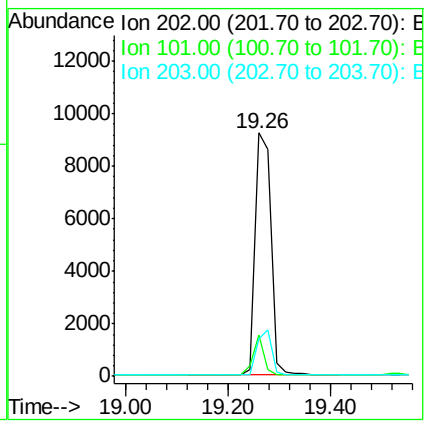




#21
Fluoranthene
Concen: 0.45 ng
RT: 19.26 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:202 Resp: 19455

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.7	13.1
203	17.5	14.1	21.1



Instrument :
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ClientSampleId :
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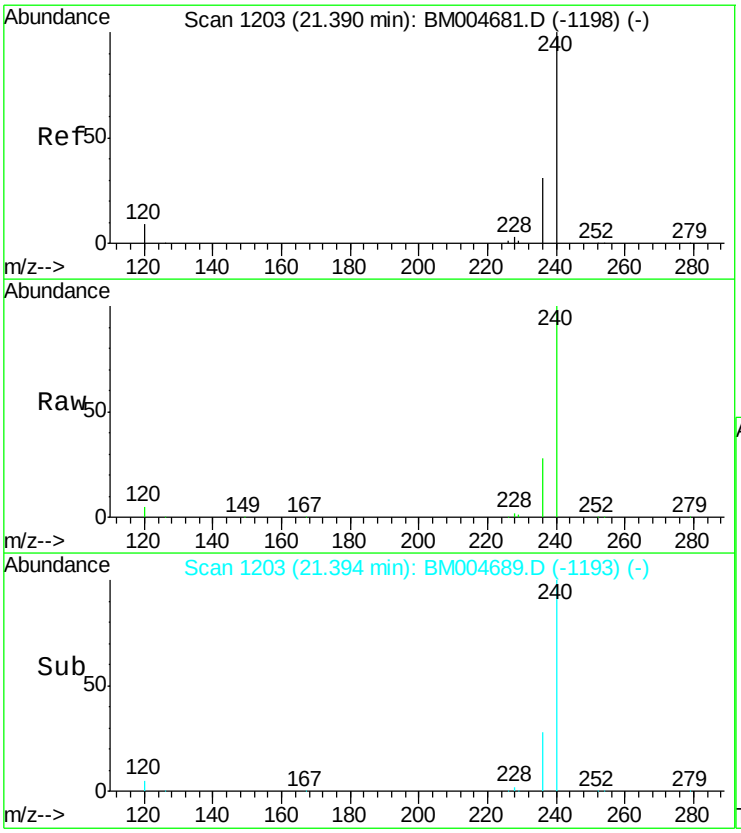
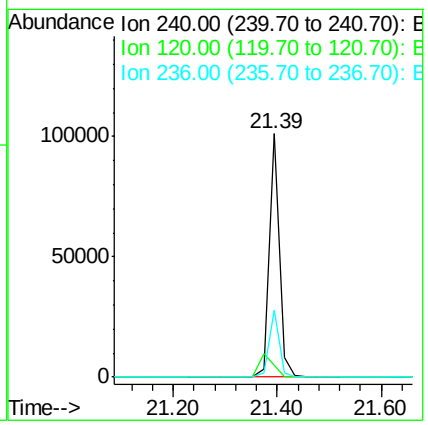
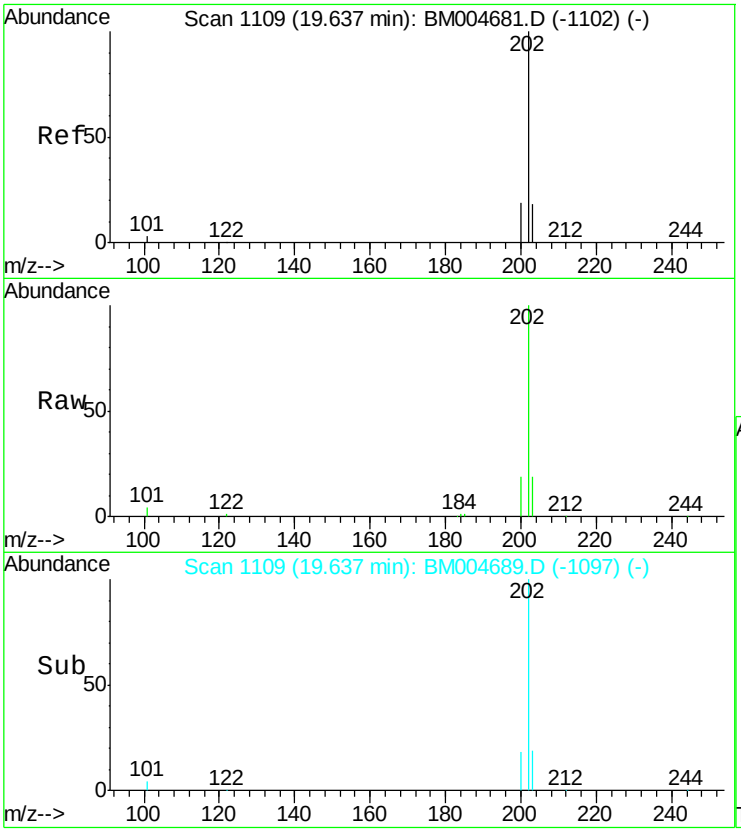


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.39 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:240 Resp: 139812

Ion	Ratio	Lower	Upper
240	100		
120	5.0	7.4	11.2#
236	27.7	24.5	36.7

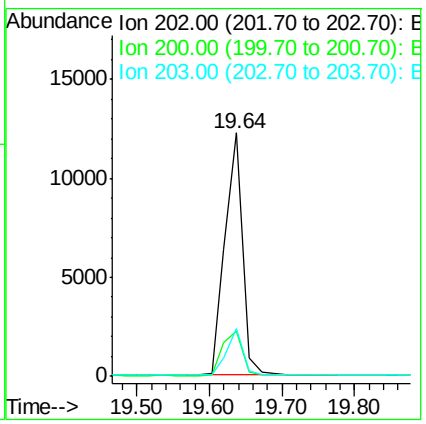




#23
Pyrene
Concen: 0.40 ng
RT: 19.64 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:202 Resp: 20474

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.8	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
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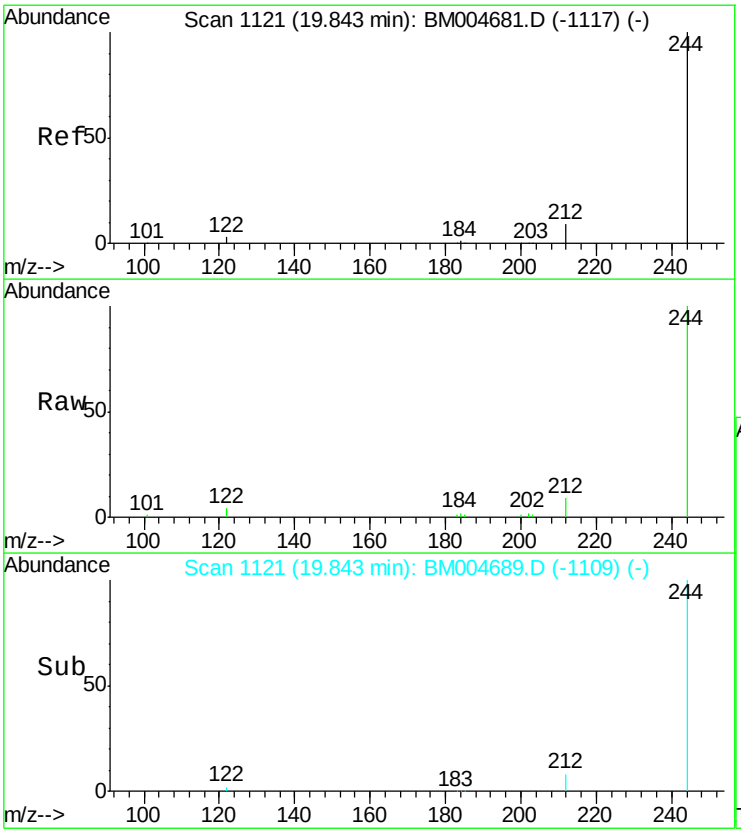
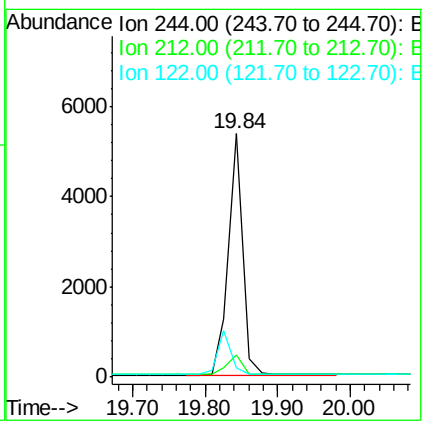
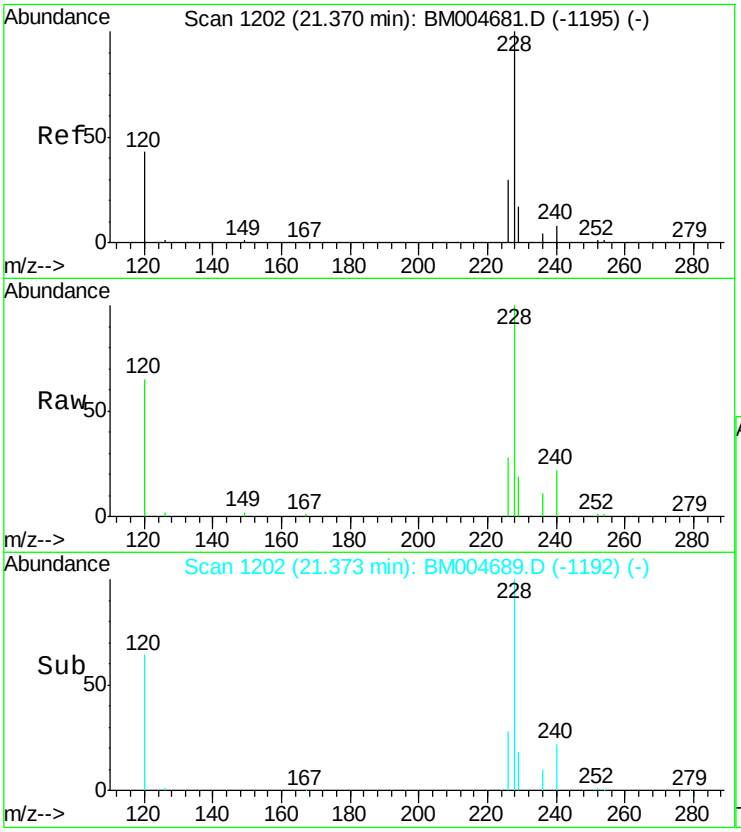


#24
Terphenyl-d14
Concen: 0.41 ng
RT: 19.84 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:244 Resp: 7254

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.7	11.5
122	3.7	3.4	5.0

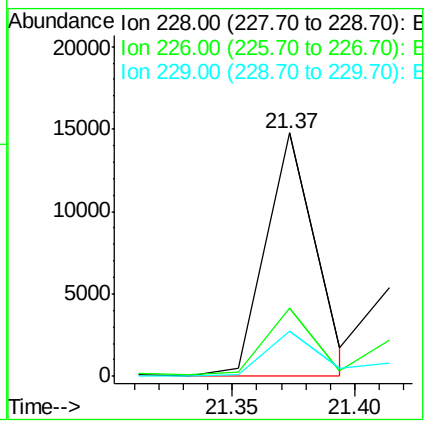




#25
Benzo(a)anthracene
Concen: 0.37 ng m
RT: 21.37 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:228 Resp: 20909

Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.2	36.2
229	18.7	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

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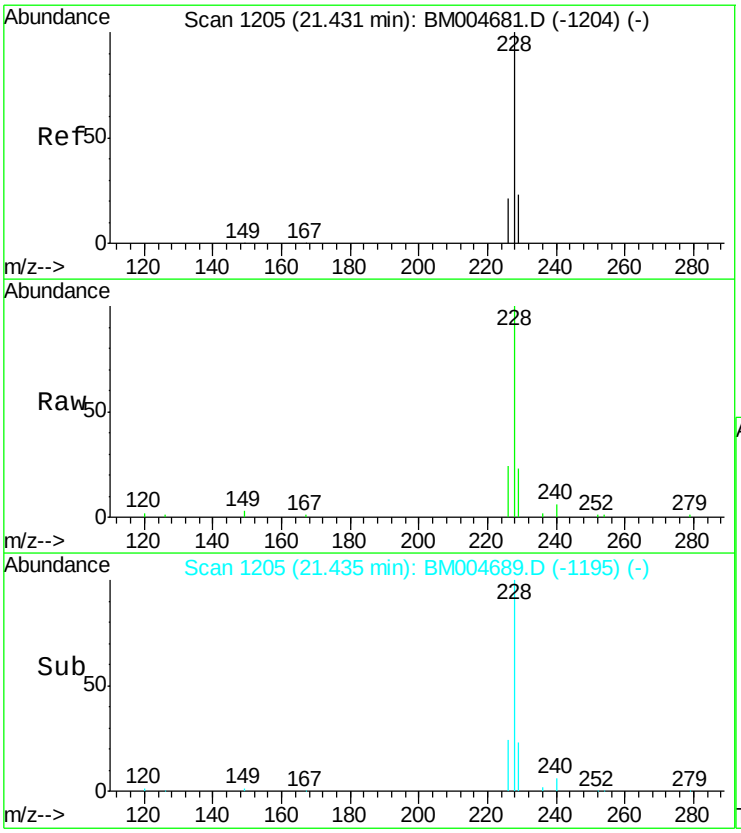
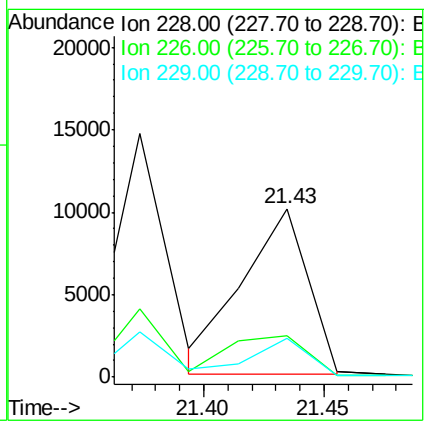
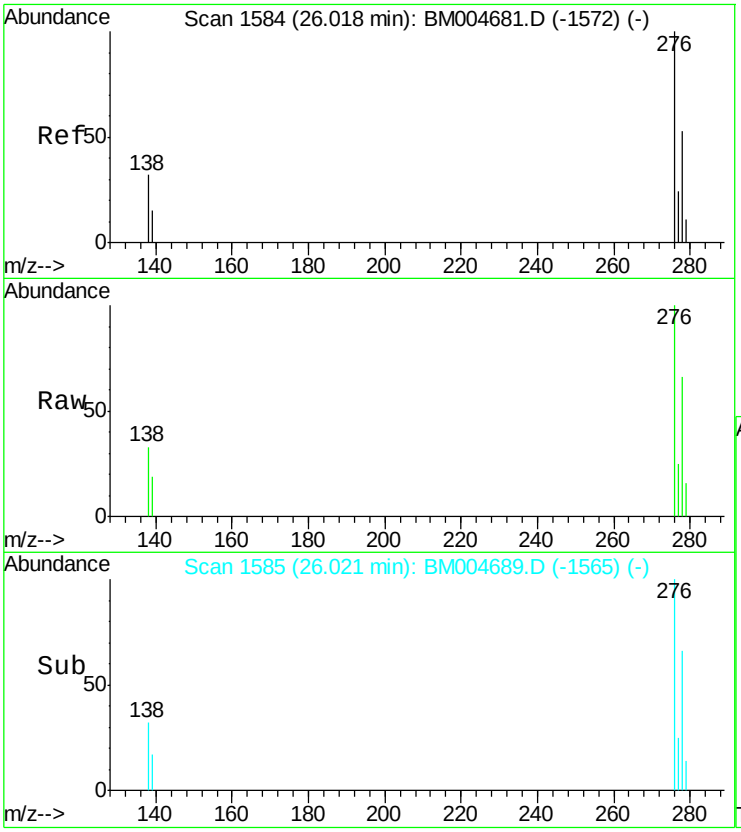


#26
Chrysene
Concen: 0.45 ng m
RT: 21.43 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:228 Resp: 18823

Ion	Ratio	Lower	Upper
228	100		
226	24.4	20.9	31.3
229	23.1	17.4	26.2

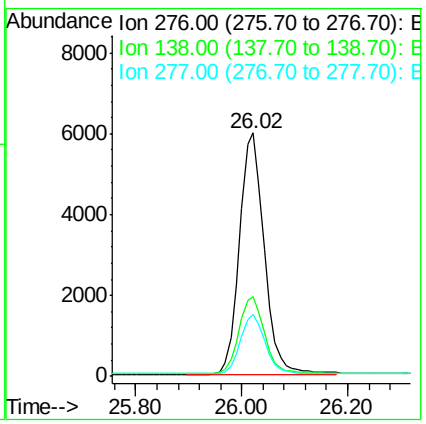




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 26.02 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:276 Resp: 19366

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.9	38.9
277	24.6	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
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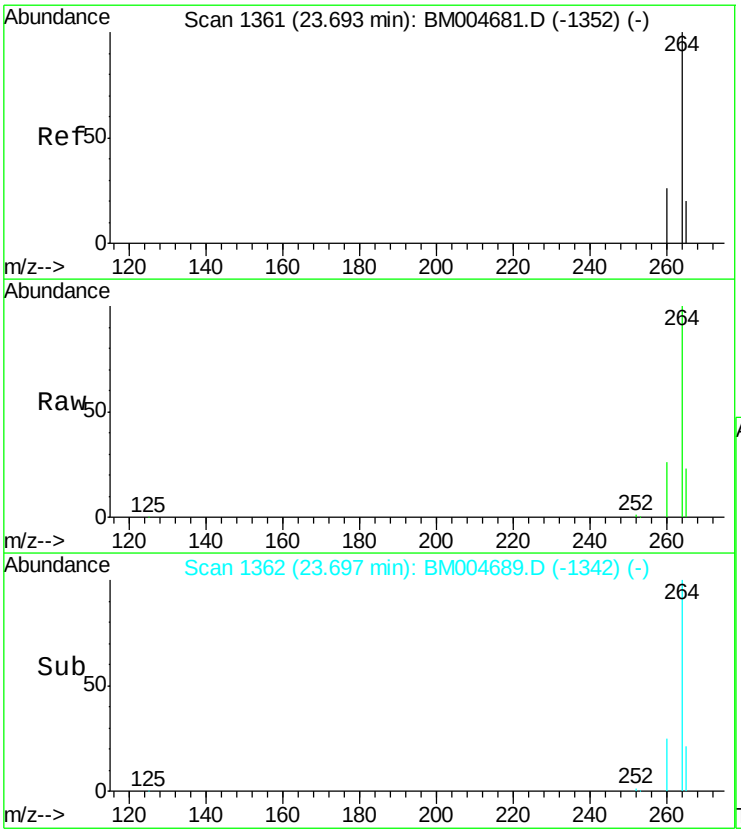
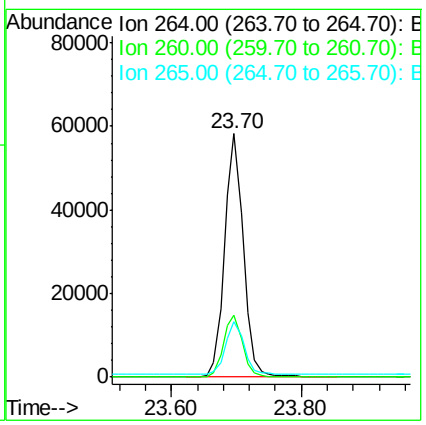
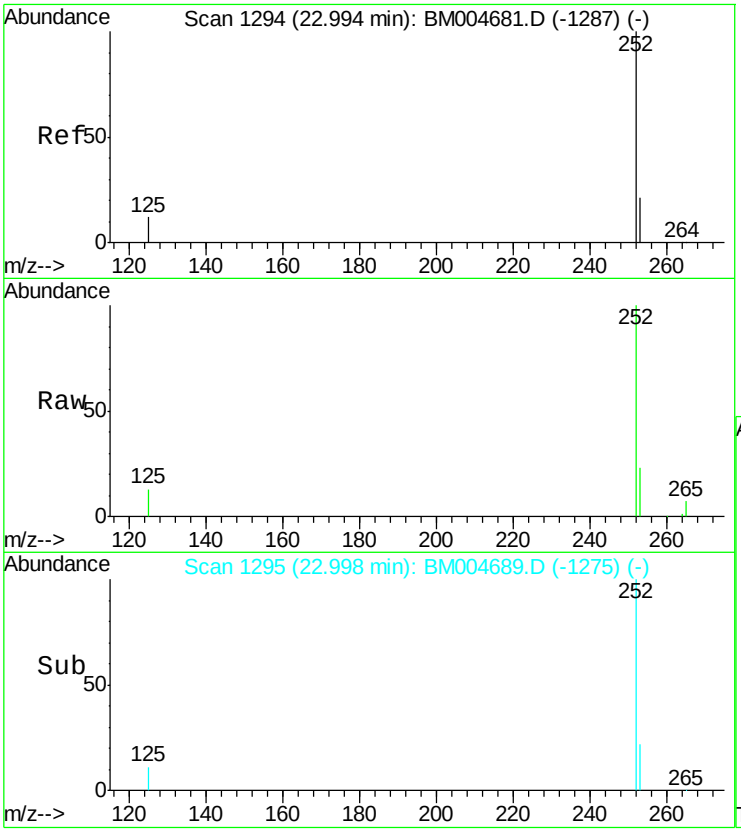


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:264 Resp: 115460

Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.0	31.4
265	22.6	17.5	26.3

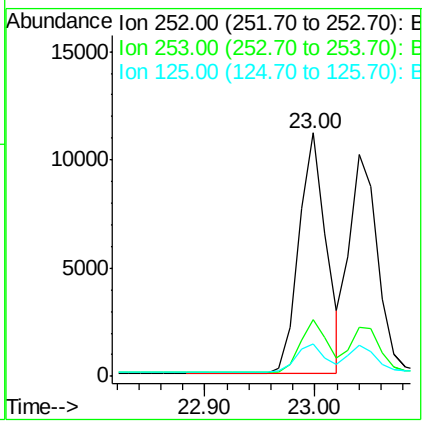




#29
Benzo(b)fluoranthene
Concen: 0.45 ng
RT: 23.00 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:252 Resp: 19085

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	13.3	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
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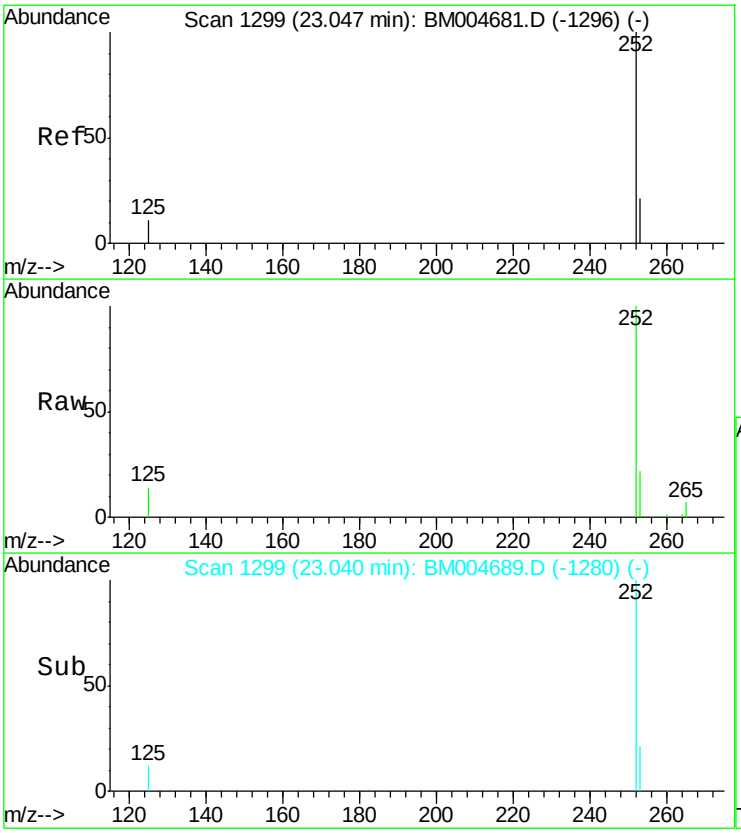
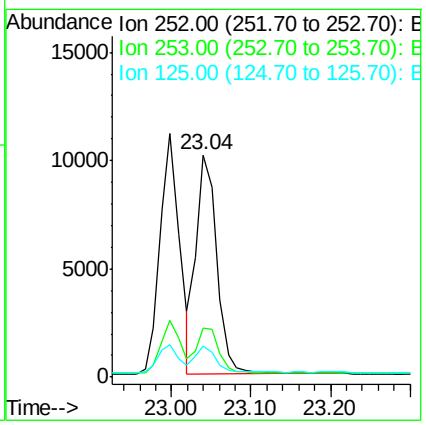
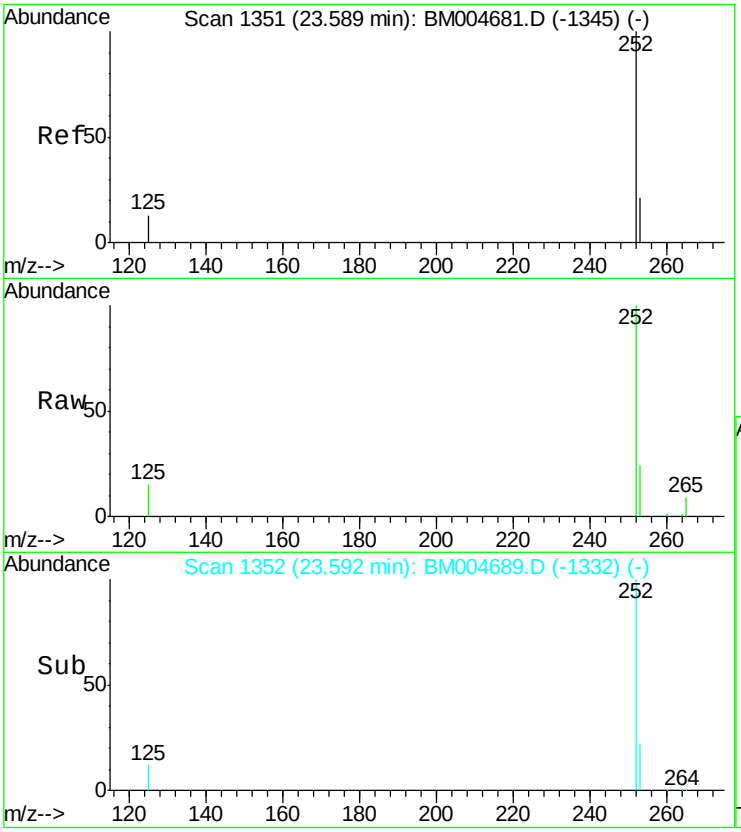


#30
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 23.04 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:252 Resp: 18297

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.3	28.9
125	13.9	10.6	15.8

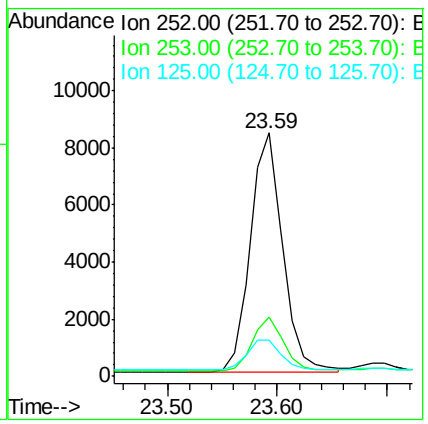




#31
Benzo(a)pyrene
Concen: 0.43 ng
RT: 23.59 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:252 Resp: 16971

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	28.0
125	14.9	12.3	18.5



Instrument :
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ClientSampleId :
SSTDCCC0.4

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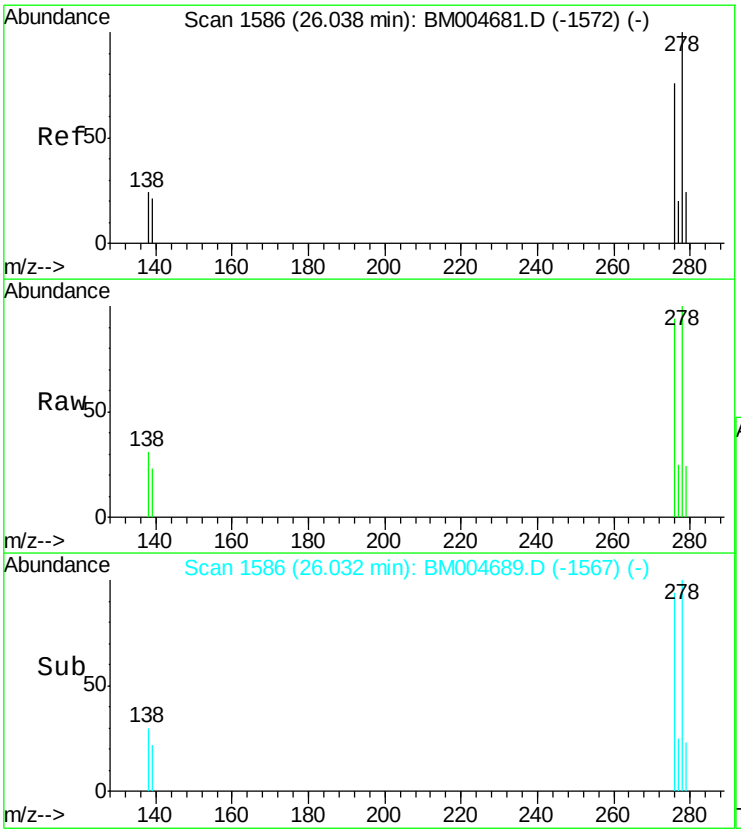
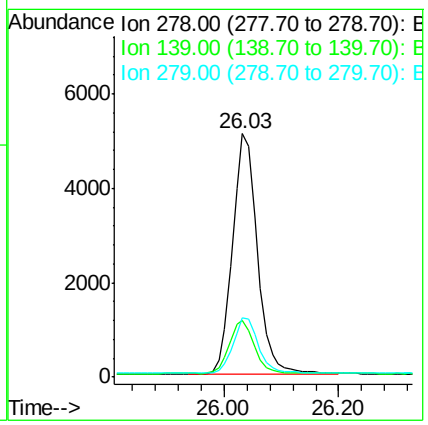
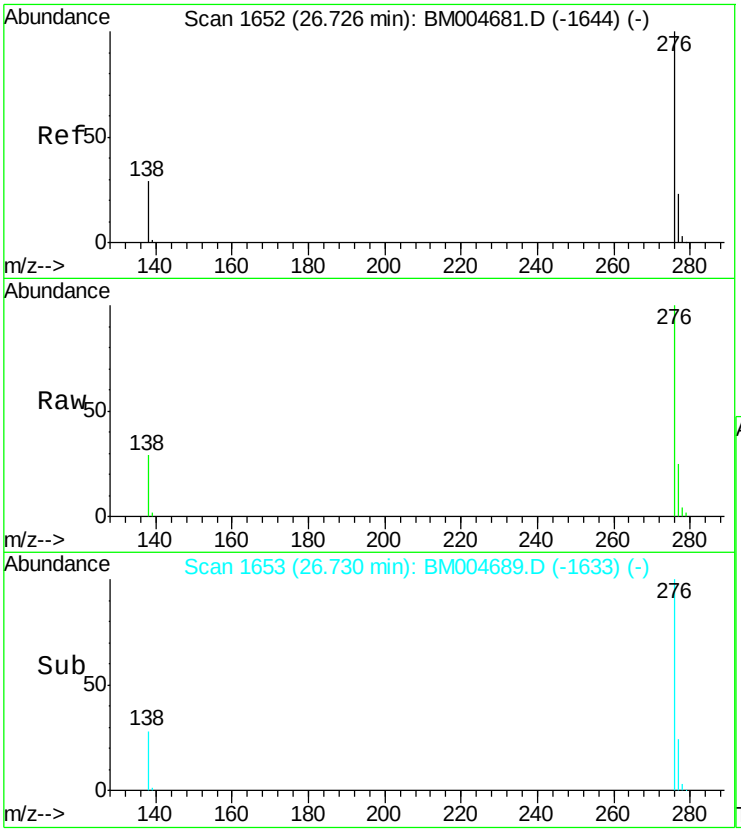


#32
Dibenzo(a,h)anthracene
Concen: 0.44 ng
RT: 26.03 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:278 Resp: 15524

Ion	Ratio	Lower	Upper
278	100		
139	23.3	17.6	26.4
279	24.3	19.9	29.9

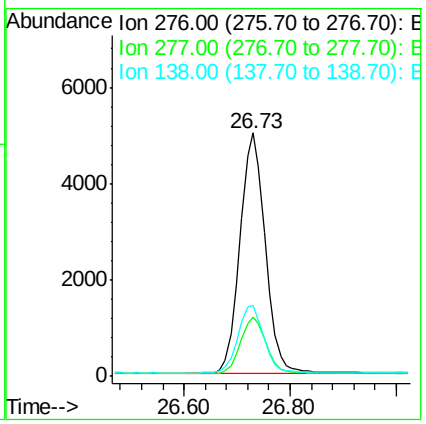




#33
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 26.73 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM004689.D
Acq: 18 Mar 2016 19:33

Tgt Ion:276 Resp: 16571

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.1	28.7
138	29.1	24.5	36.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4

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