Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
Data File : BM004698.D
Acq On : 19 Mar 2016 01:36
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
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Quant Time: Mar 21 01:51:22 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	27757	5.00	ng		0.00
6) Naphthalene-d8	10.63	136	112410	5.00	ng		0.00
10) Acenaphthene-d10	14.47	164	58387	5.00	ng		0.00
16) Phenanthrene-d10	17.20	188	139276	5.00	ng		-0.02
22) Chrysene-d12	21.38	240	115246	5.00	ng		-0.01
28) Perylene-d12	23.69	264	114408	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	2649	0.41	ng		0.00
5) Phenol-d6	6.99	99	3057	0.39	ng		0.00
7) Nitrobenzene-d5	8.99	82	2085	0.39	ng		0.00
11) 2,4,6-Tribromophenol	15.96	330	751m	0.39	ng		0.00
12) 2-Fluorobiphenyl	13.09	172	8220	0.49	ng		0.00
24) Terphenyl-d14	19.83	244	6834	0.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1320	0.47	ng		97
3) n-Nitrosodimethylamine	3.66	42	1244	0.43	ng		99
8) Naphthalene	10.66	128	13976	0.45	ng		100
9) 2-Methylnaphthalene	12.28	142	8813	0.46	ng		98
13) Acenaphthylene	14.18	152	12391	0.41	ng		99
14) Acenaphthene	14.51	154	9236	0.46	ng		95
15) Fluorene	15.51	166	11267	0.51	ng	#	100
17) Hexachlorobenzene	16.51	284	2891	0.34	ng	#	100
18) Pentachlorophenol	16.86	266	1012	0.31	ng		89
19) Phenanthrene	17.25	178	18239	0.33	ng		97
20) Anthracene	17.33	178	15066	0.38	ng		97
21) Fluoranthene	19.27	202	18936	0.36	ng		99
23) Pyrene	19.63	202	19955	0.47	ng		100
25) Benzo(a)anthracene	21.38	228	18107m	0.39	ng		
26) Chrysene	21.42	228	21370	0.62	ng		93
27) Indeno(1,2,3-cd)pyrene	26.01	276	18507	0.48	ng		99
29) Benzo(b)fluoranthene	22.99	252	18860	0.45	ng		97
30) Benzo(k)fluoranthene	23.04	252	17345	0.42	ng		98
31) Benzo(a)pyrene	23.58	252	15963	0.41	ng		98
32) Dibenzo(a,h)anthracene	26.03	278	14800	0.42	ng		99
33) Benzo(g,h,i)perylene	26.72	276	16114	0.44	ng		99

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

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Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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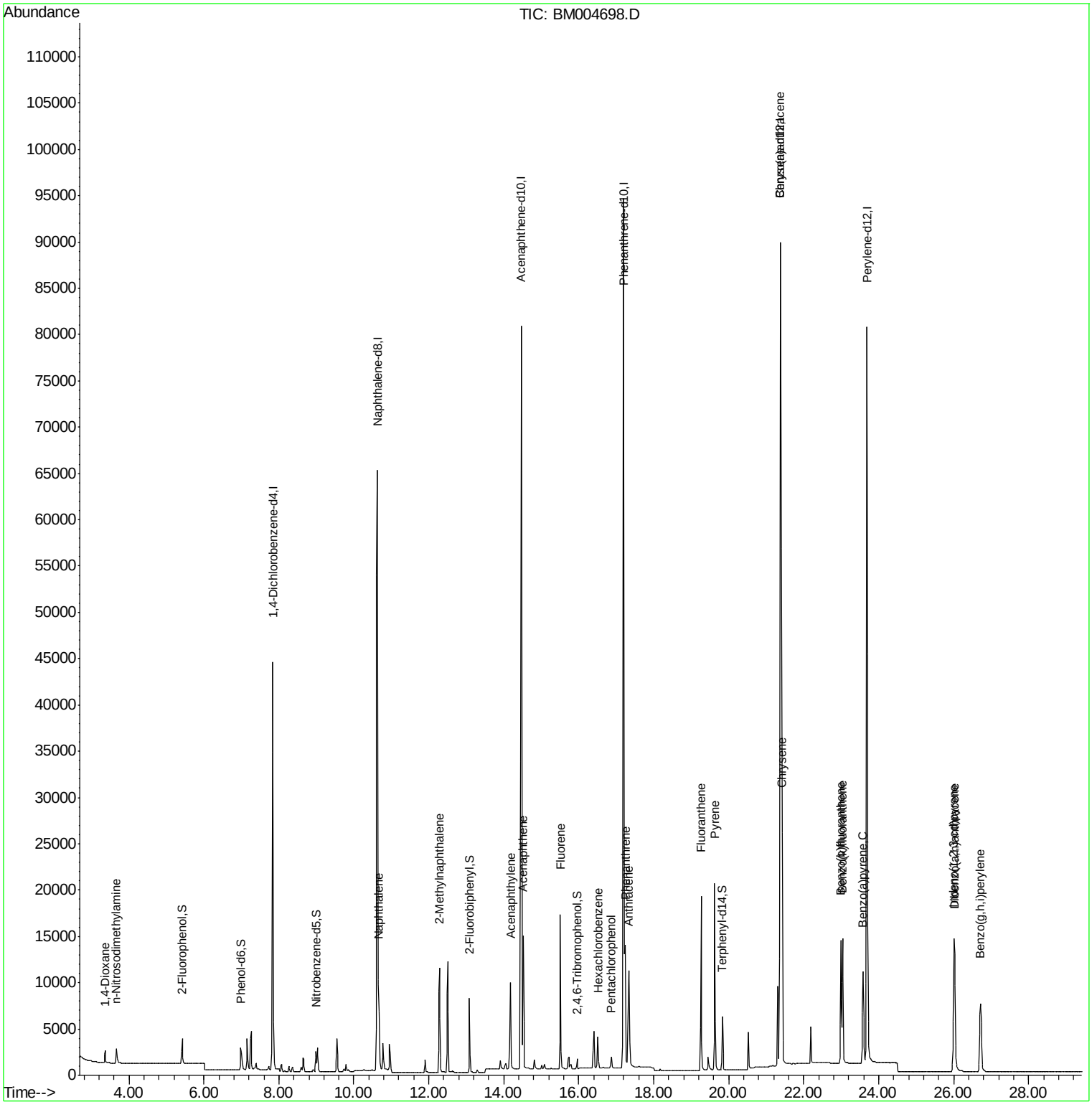
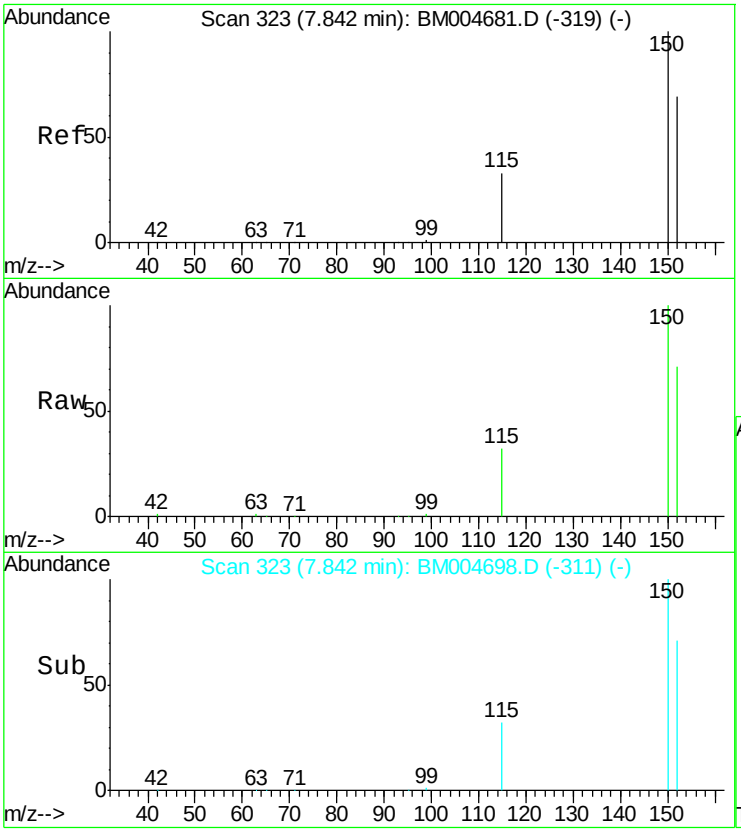
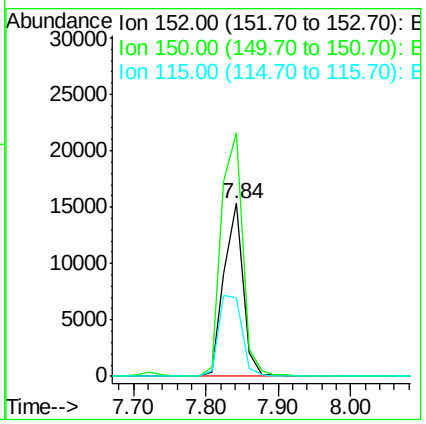




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:152 Resp: 27757

Ion	Ratio	Lower	Upper
152	100		
150	140.6	115.9	173.9
115	45.2	38.4	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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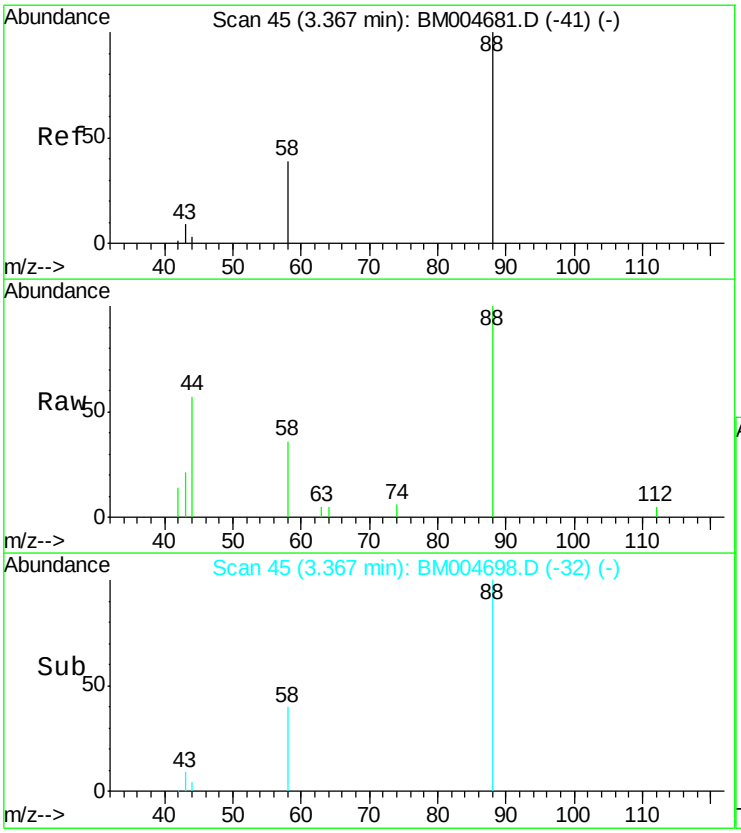
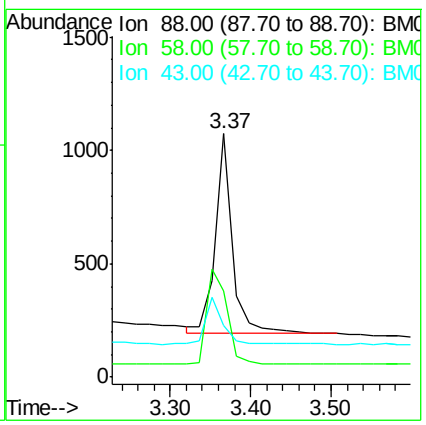
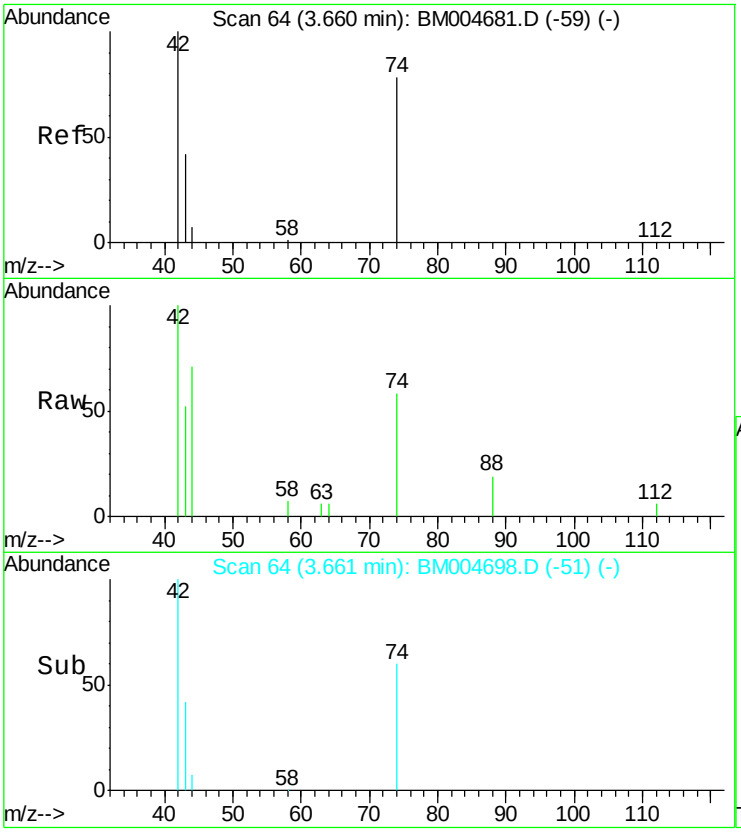


#2
1,4-Dioxane
Concen: 0.47 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion: 88 Resp: 1320

Ion	Ratio	Lower	Upper
88	100		
58	57.2	43.9	65.9
43	25.5	19.9	29.9

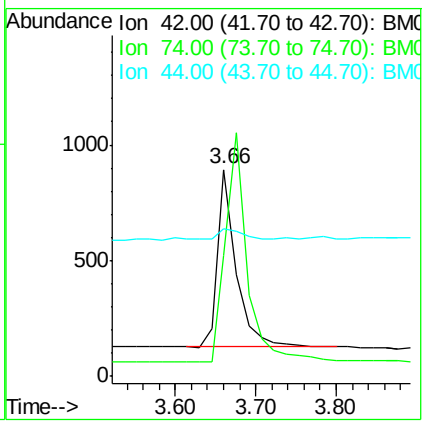




#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion: 42 Resp: 1244

Ion	Ratio	Lower	Upper
42	100		
74	149.6	120.9	181.3
44	8.2	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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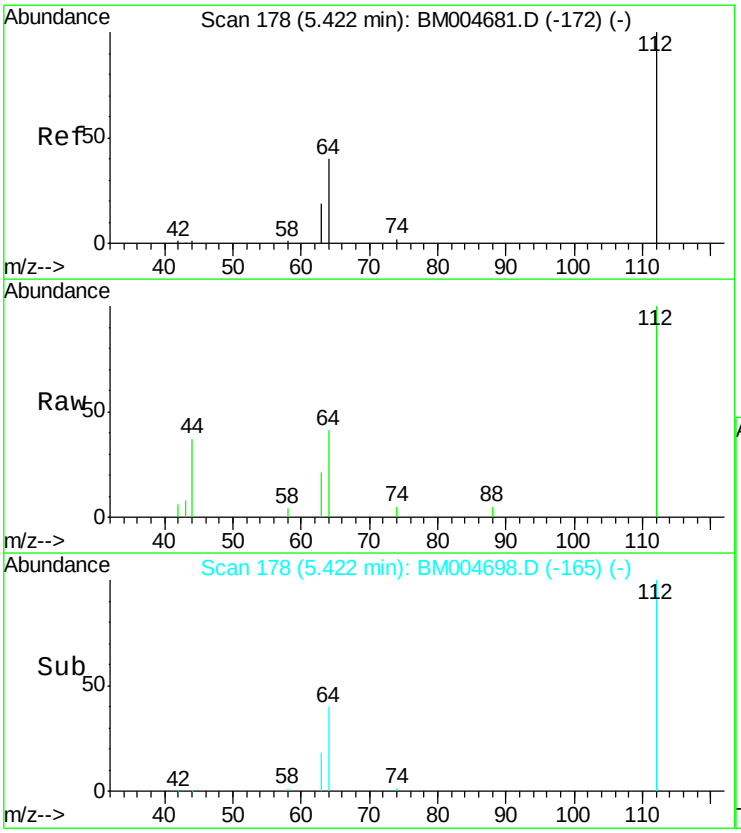
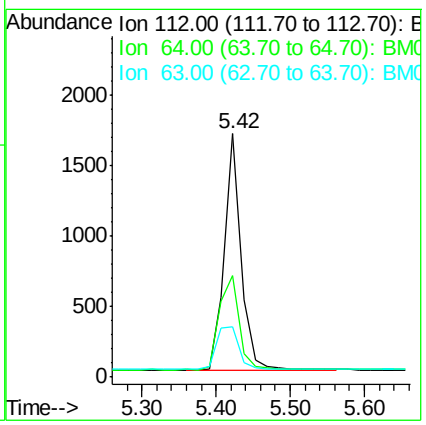
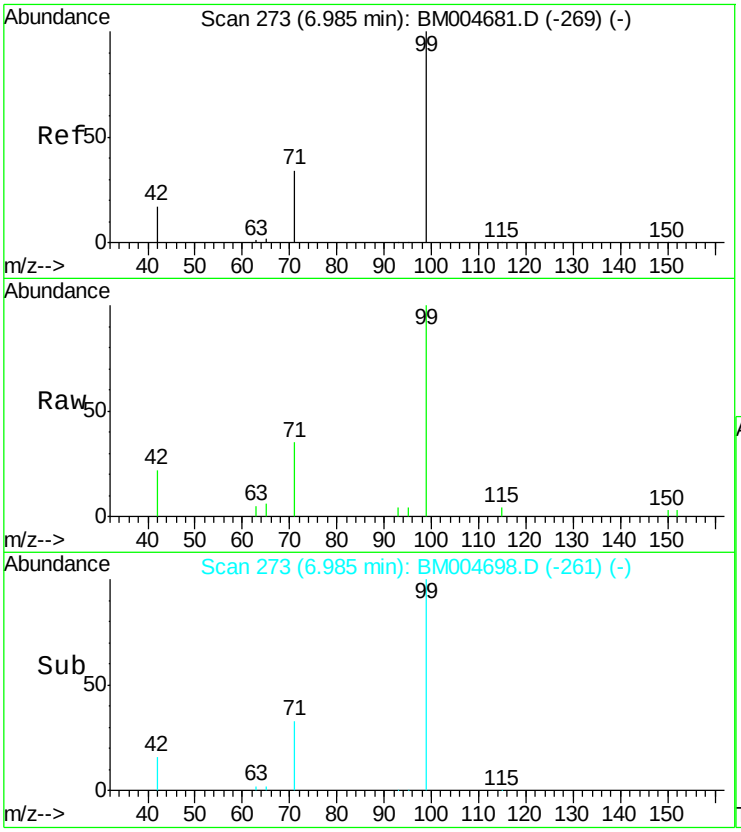


#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.42 min Scan# 178
Delta R.T. 0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:112 Resp: 2649

Ion	Ratio	Lower	Upper
112	100		
64	47.3	37.0	55.6
63	24.2	19.3	28.9

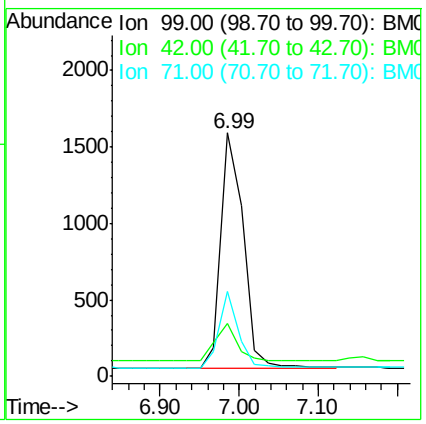




#5
Phenol-d6
Concen: 0.39 ng
RT: 6.99 min Scan# 273
Delta R.T. 0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion: 99 Resp: 3057

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.7	19.1
71	28.5	22.9	34.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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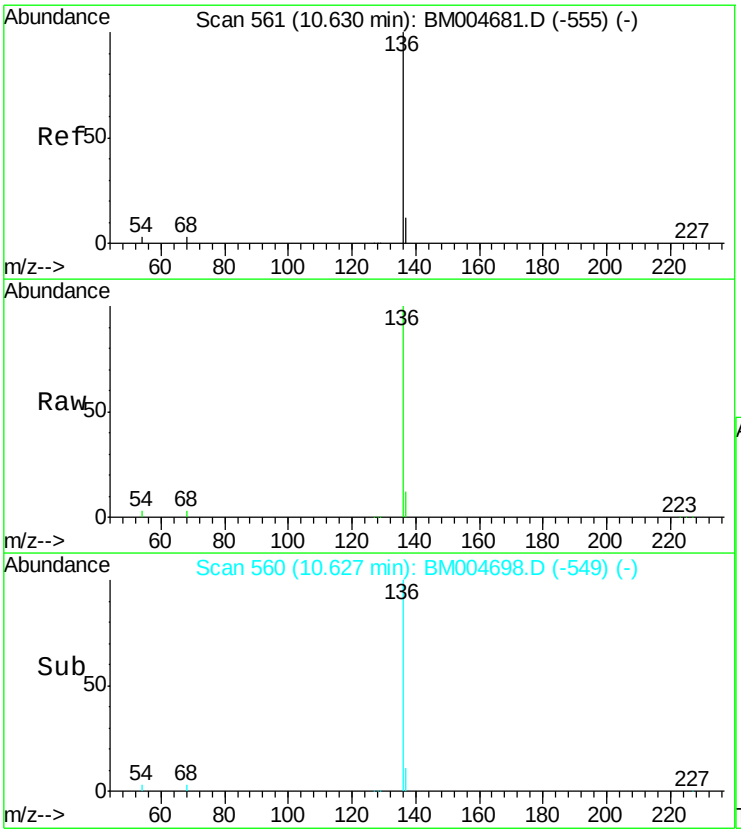
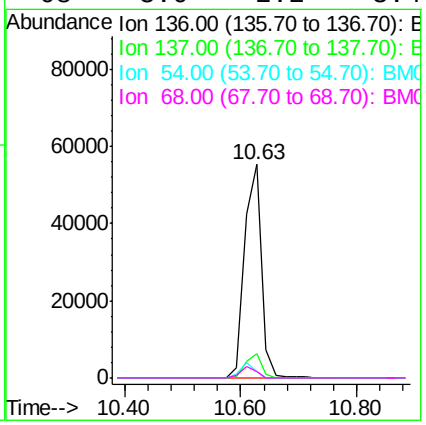
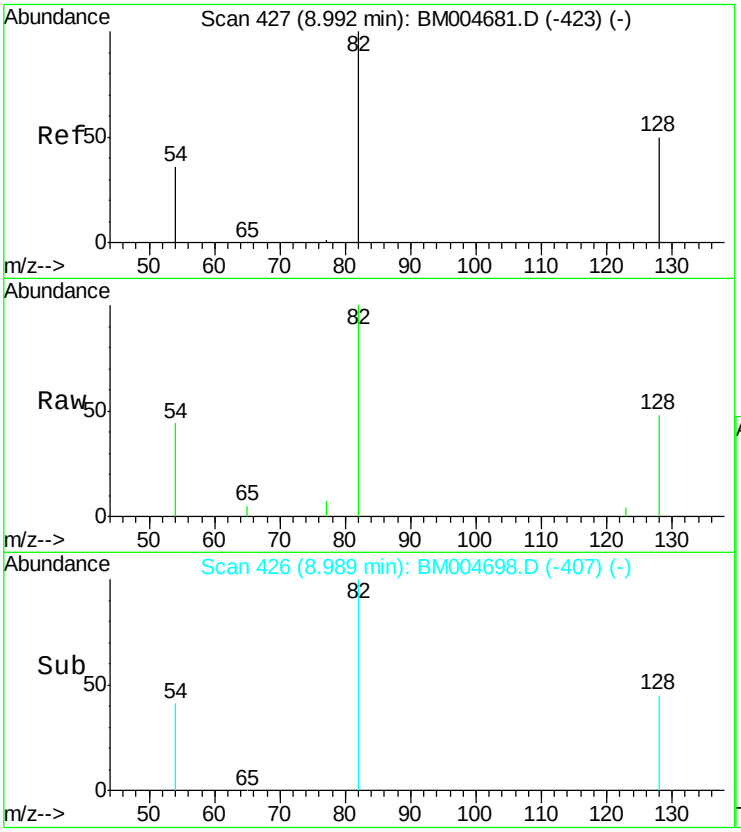


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:136 Resp: 112410

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	3.0	2.2	3.4
68	3.0	2.2	3.4

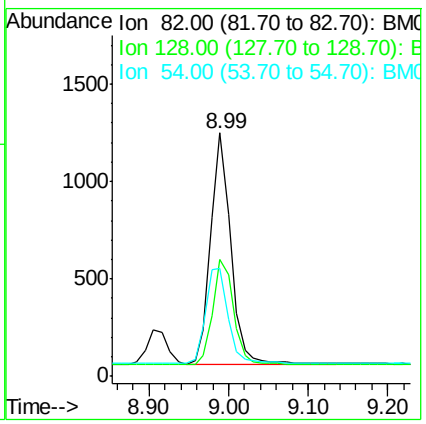




#7
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.99 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion: 82 Resp: 2085

Ion	Ratio	Lower	Upper
82	100		
128	48.1	41.8	62.8
54	44.1	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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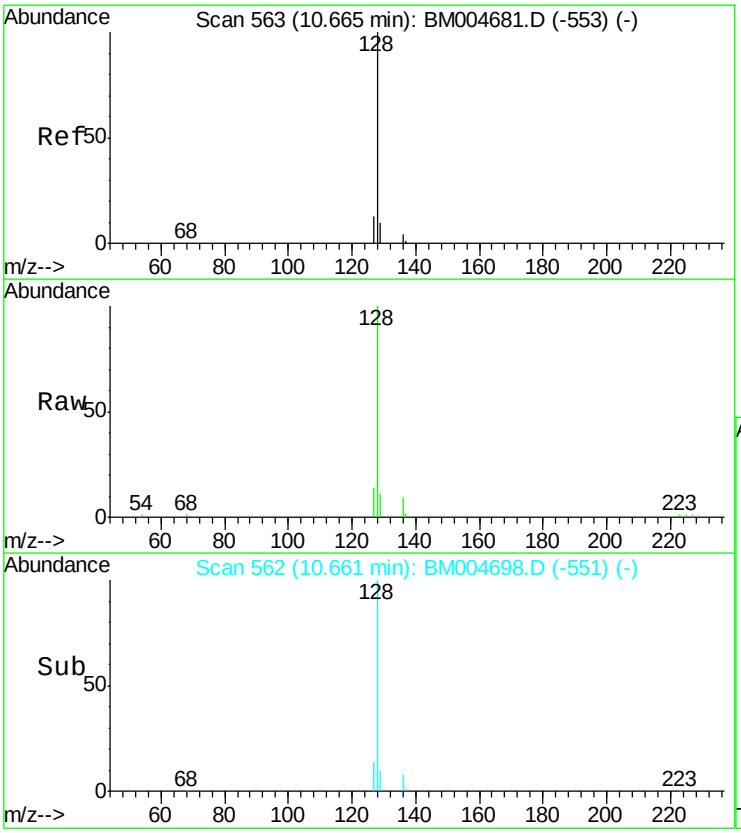
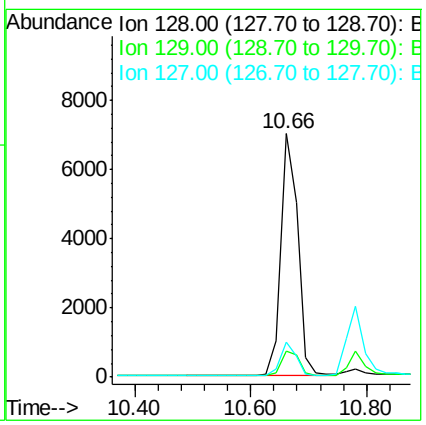
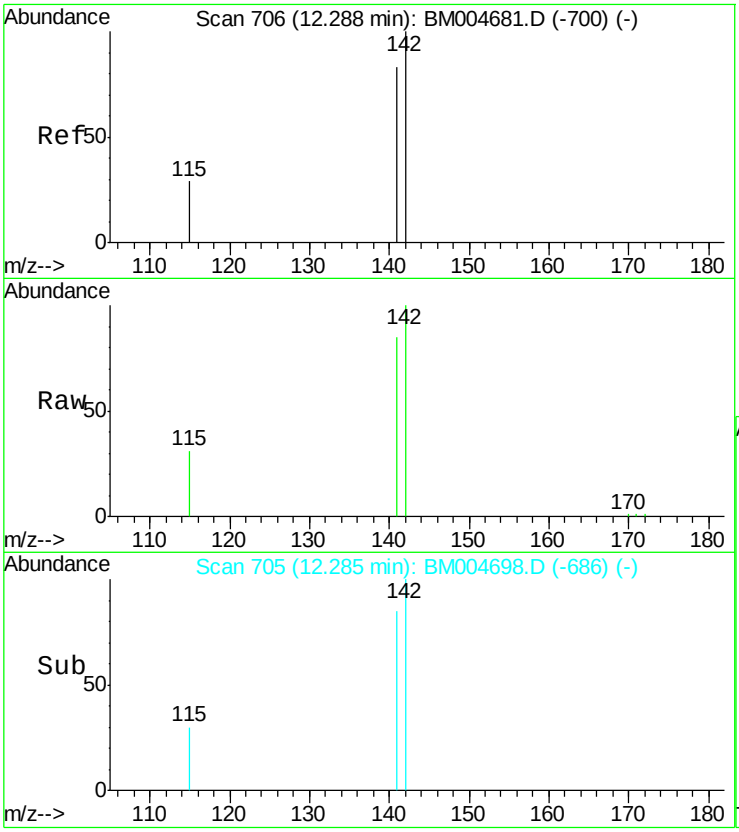


#8
Naphthalene
Concen: 0.45 ng
RT: 10.66 min Scan# 562
Delta R.T. -0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:128 Resp: 13976

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	14.2	11.3	16.9

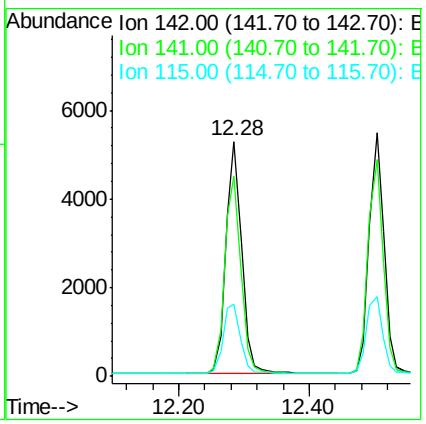




#9
2-Methylnaphthalene
Concen: 0.46 ng
RT: 12.28 min Scan# 705
Delta R.T. -0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:142 Resp: 8813

Ion	Ratio	Lower	Upper
142	100		
141	85.2	66.2	99.2
115	30.8	23.8	35.8



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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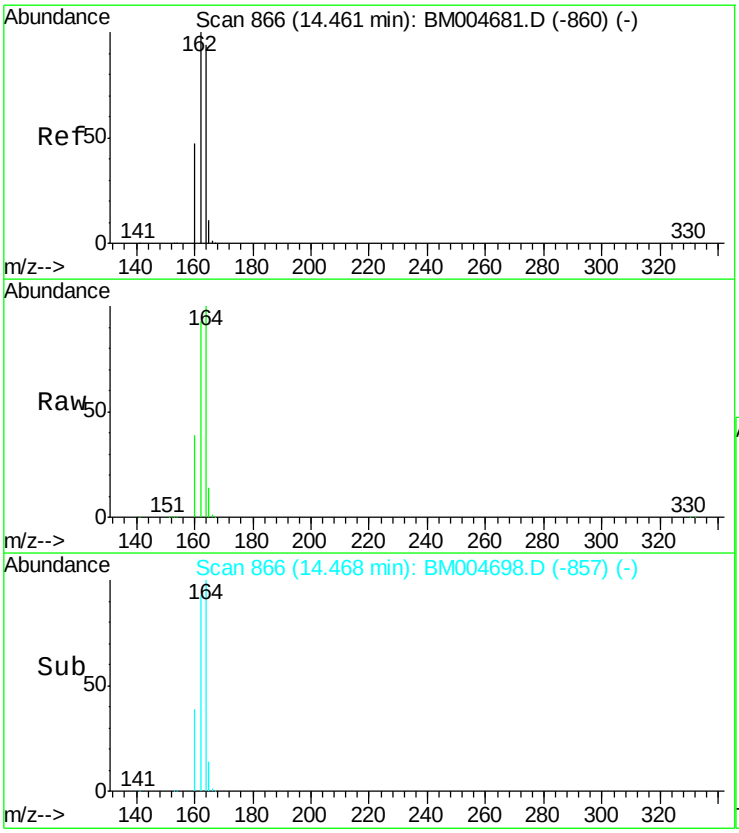
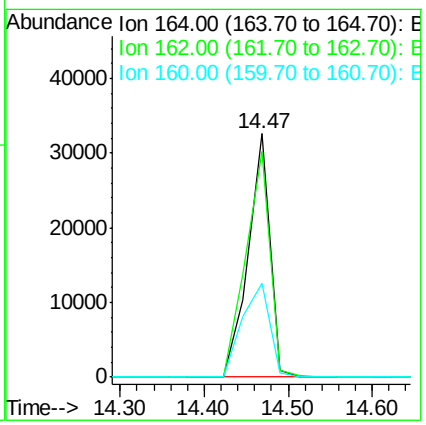
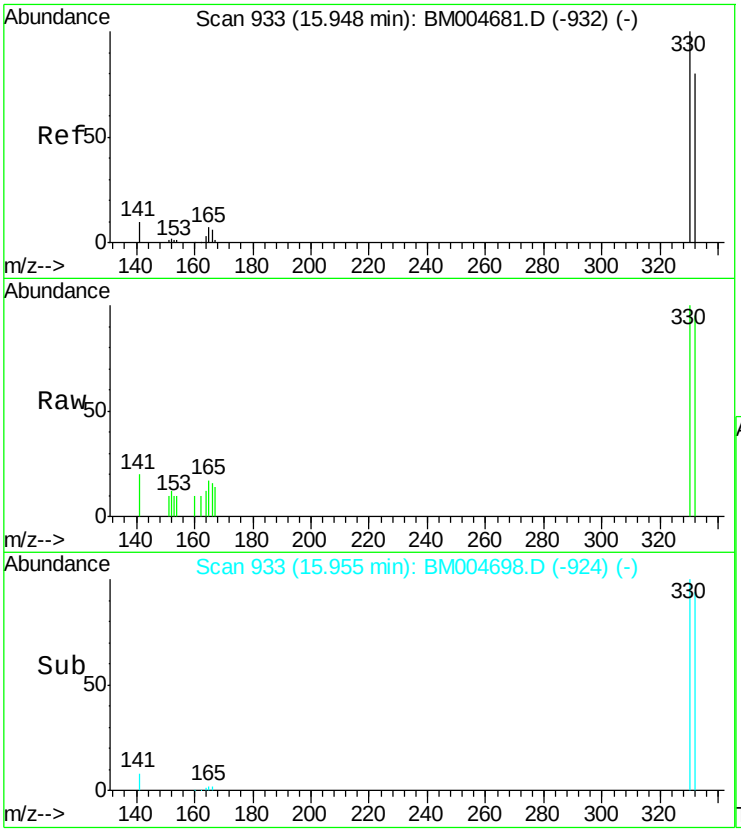


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.47 min Scan# 866
Delta R.T. 0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:164 Resp: 58387

Ion	Ratio	Lower	Upper
164	100		
162	92.6	85.4	128.0
160	38.8	40.2	60.2#

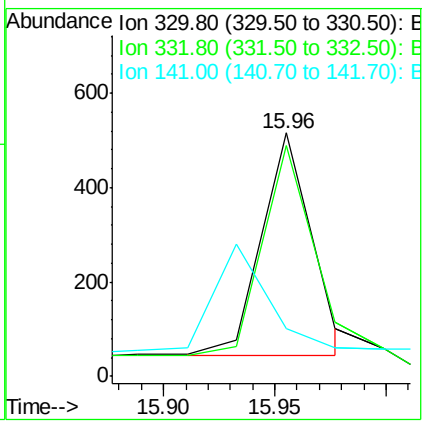




#11
2,4,6-Tribromophenol
Concen: 0.39 ng m
RT: 15.96 min Scan# 933
Delta R.T. 0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:330 Resp: 751

Ion	Ratio	Lower	Upper
330	100		
332	128.6	93.9	140.9
141	0.0	42.2	63.2#



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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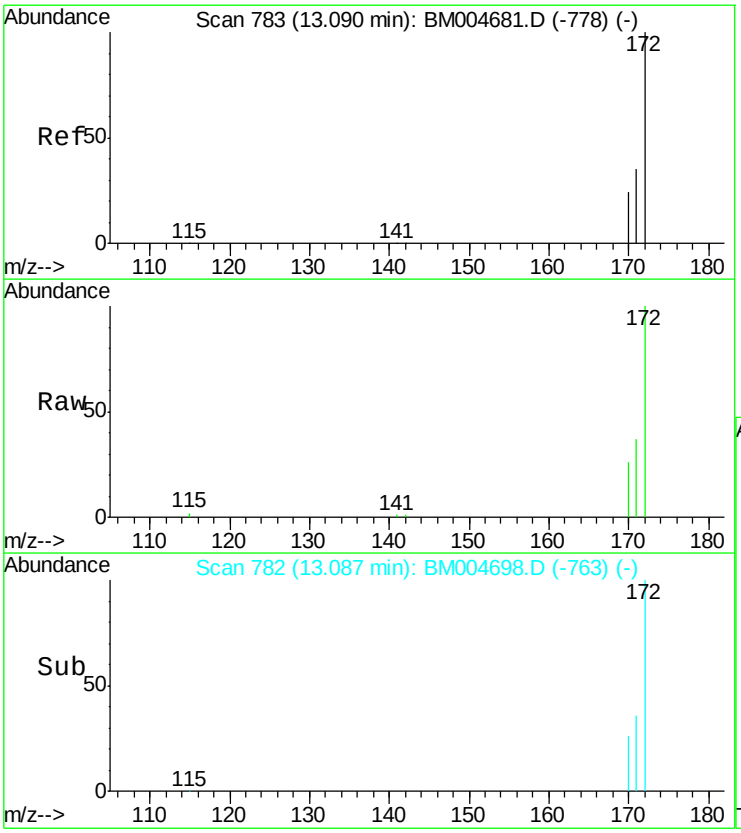
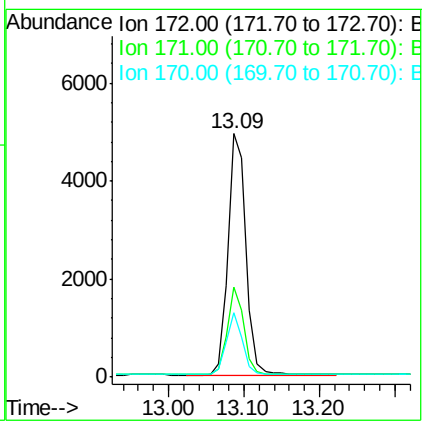
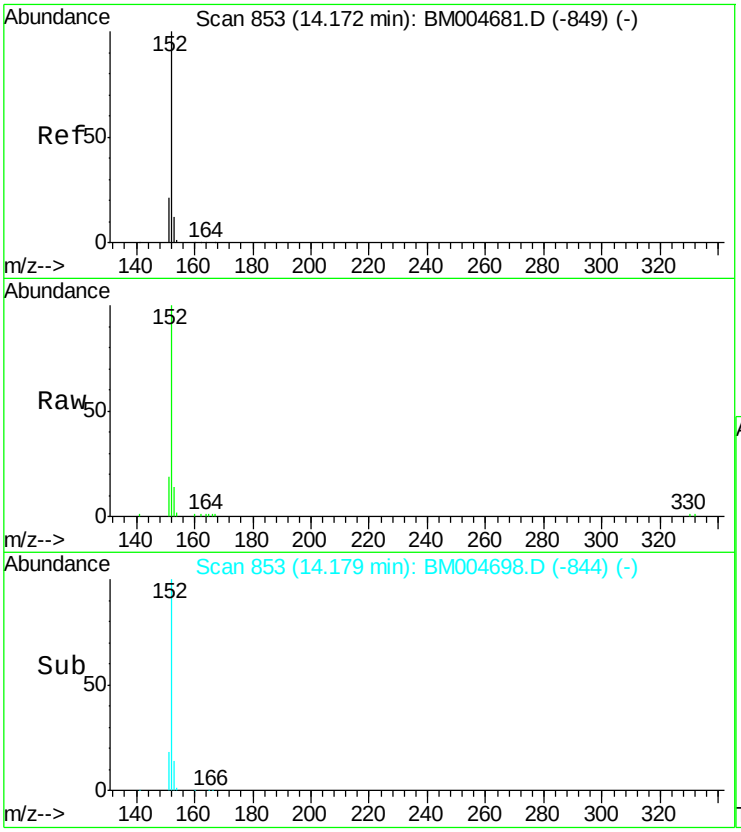


#12
2-Fluorobiphenyl
Concen: 0.49 ng
RT: 13.09 min Scan# 782
Delta R.T. -0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:172 Resp: 8220

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.2	42.2
170	26.3	19.4	29.2

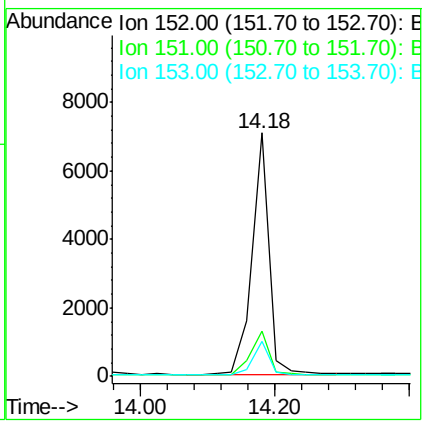




#13
Acenaphthylene
Concen: 0.41 ng
RT: 14.18 min Scan# 853
Delta R.T. 0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:152 Resp: 12391

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	13.2	10.2	15.2



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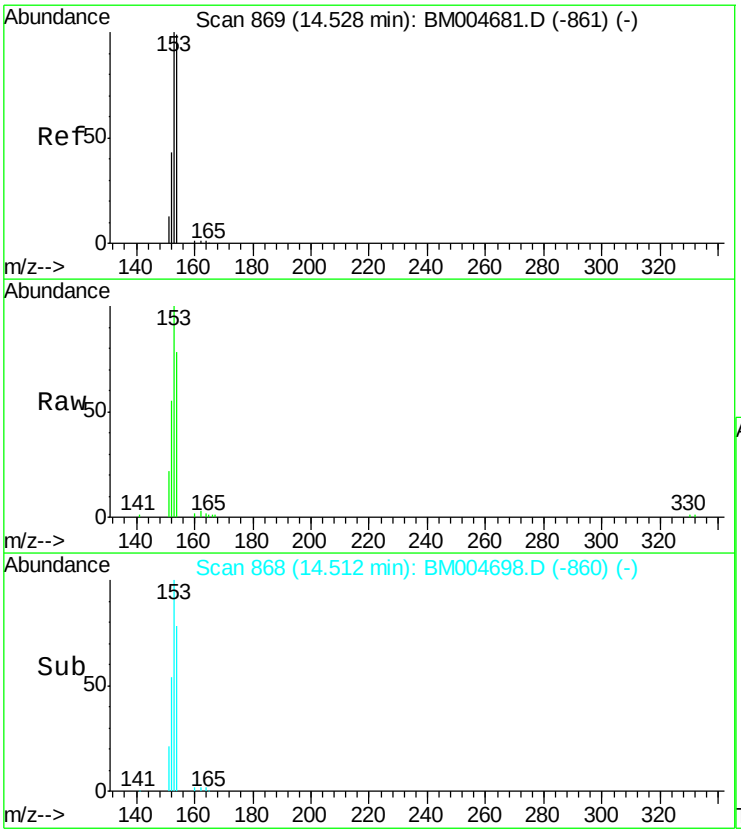
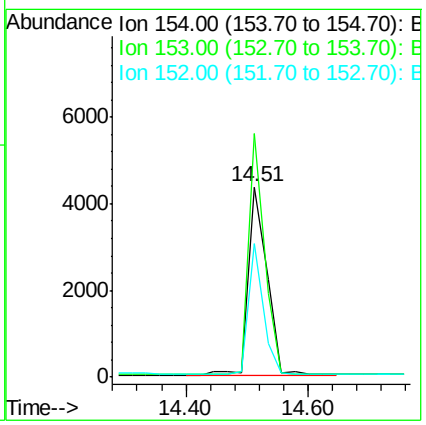
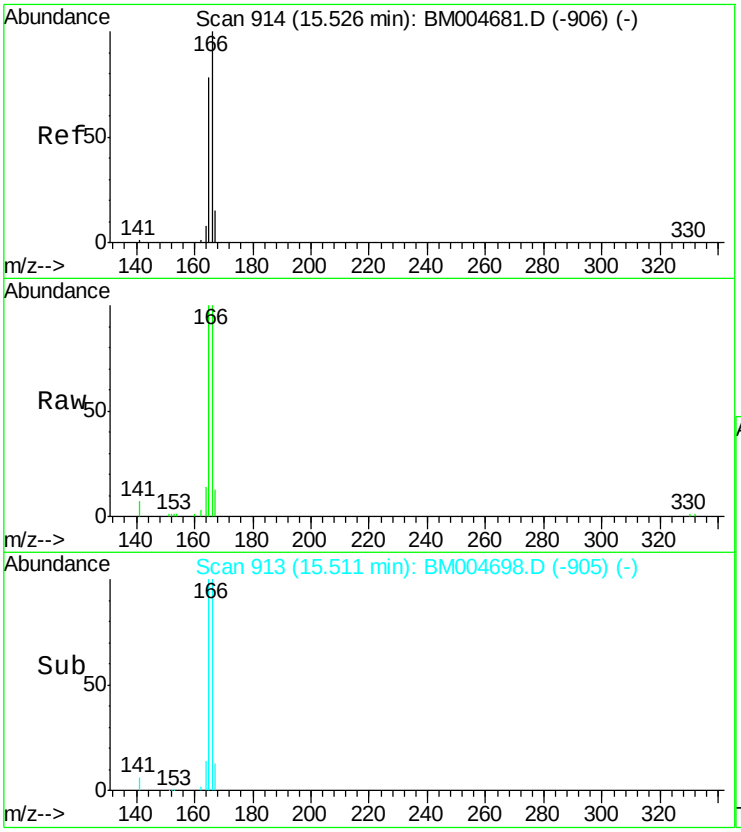


#14
Acenaphthene
Concen: 0.46 ng
RT: 14.51 min Scan# 868
Delta R.T. -0.02 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:154 Resp: 9236

Ion	Ratio	Lower	Upper
154	100		
153	109.6	83.8	125.6
152	55.1	40.3	60.5





#15
Fluorene
Concen: 0.51 ng
RT: 15.51 min Scan# 913
Delta R.T. -0.02 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:166 Resp: 11267

Ion	Ratio	Lower	Upper
166	100		
165	98.5	0.0	0.0#
167	13.2	10.6	15.8

Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
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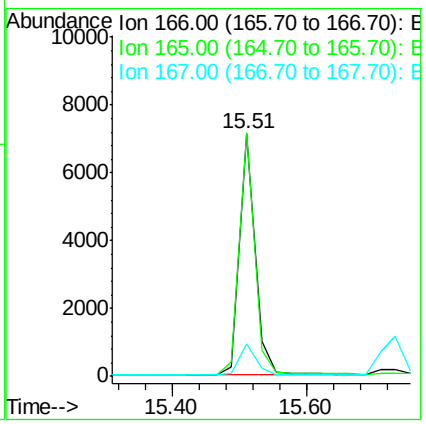
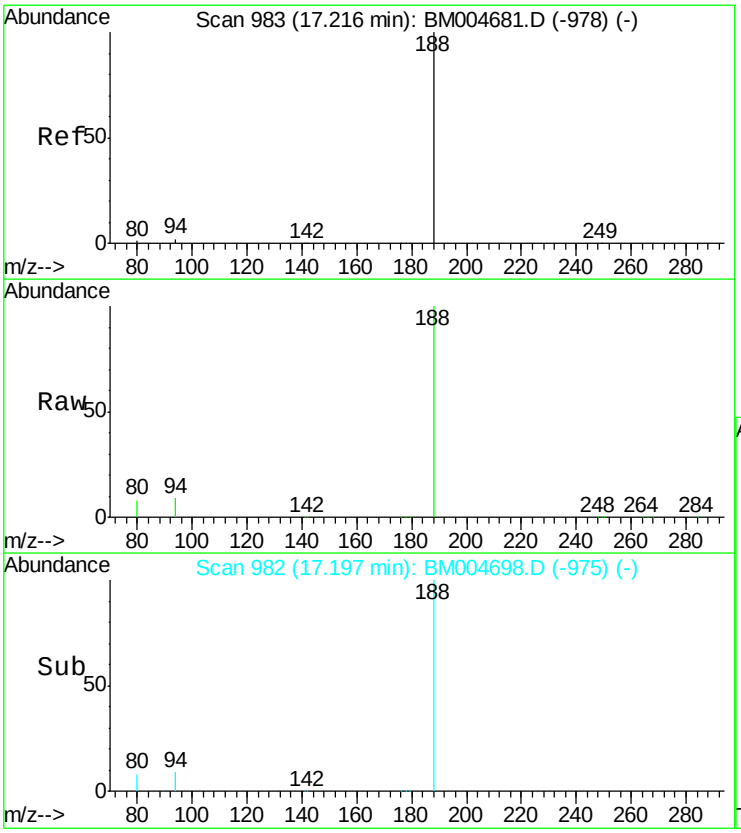
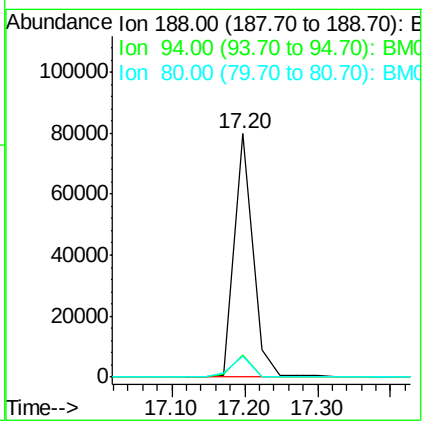


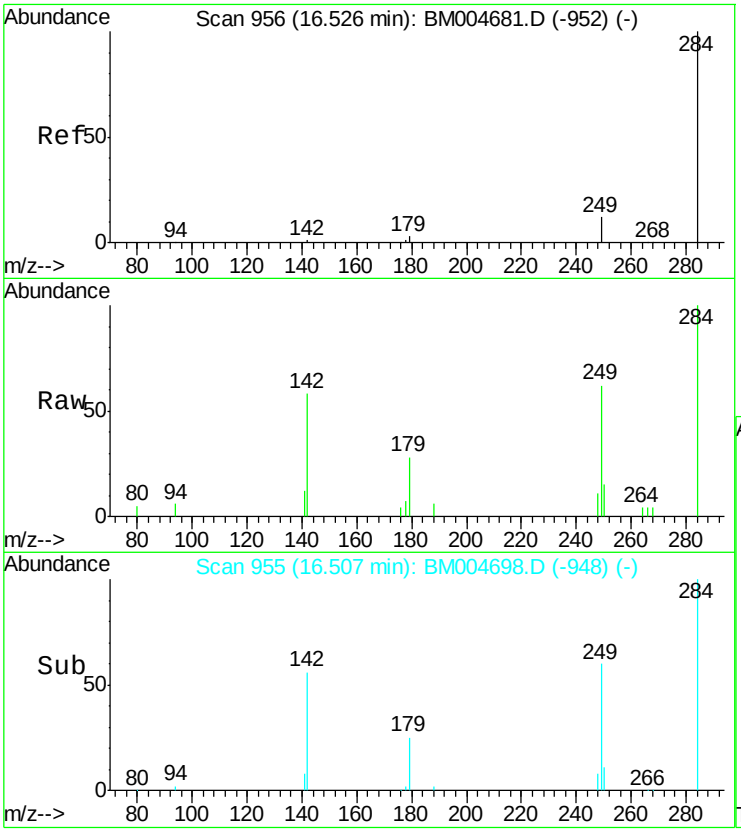


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.20 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:188 Resp: 139276

Ion	Ratio	Lower	Upper
188	100		
94	9.0	1.4	2.0#
80	8.4	1.0	1.6#

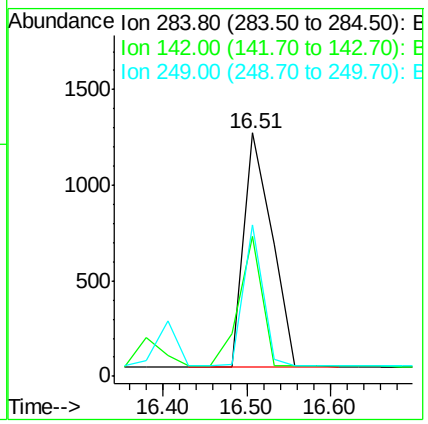




#17
Hexachlorobenzene
Concen: 0.34 ng
RT: 16.51 min Scan# 955
Delta R.T. -0.02 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:284 Resp: 2891

Ion	Ratio	Lower	Upper
284	100		
142	45.8	0.0	0.0#
249	41.5	0.0	0.0#



Instrument :
BNA_M
ClientSampleId :
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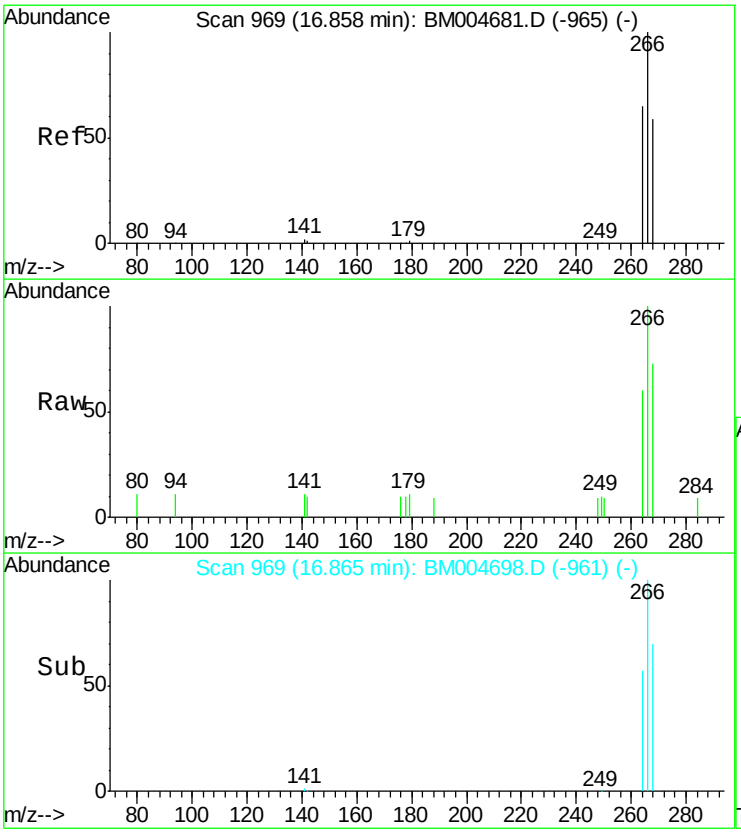
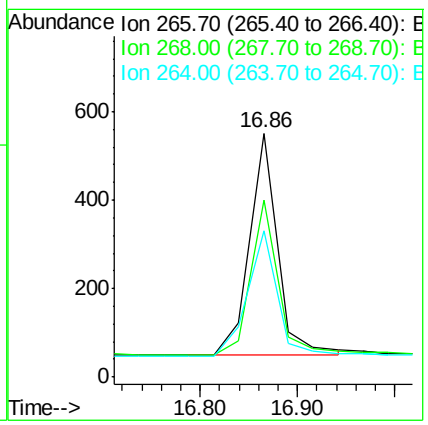
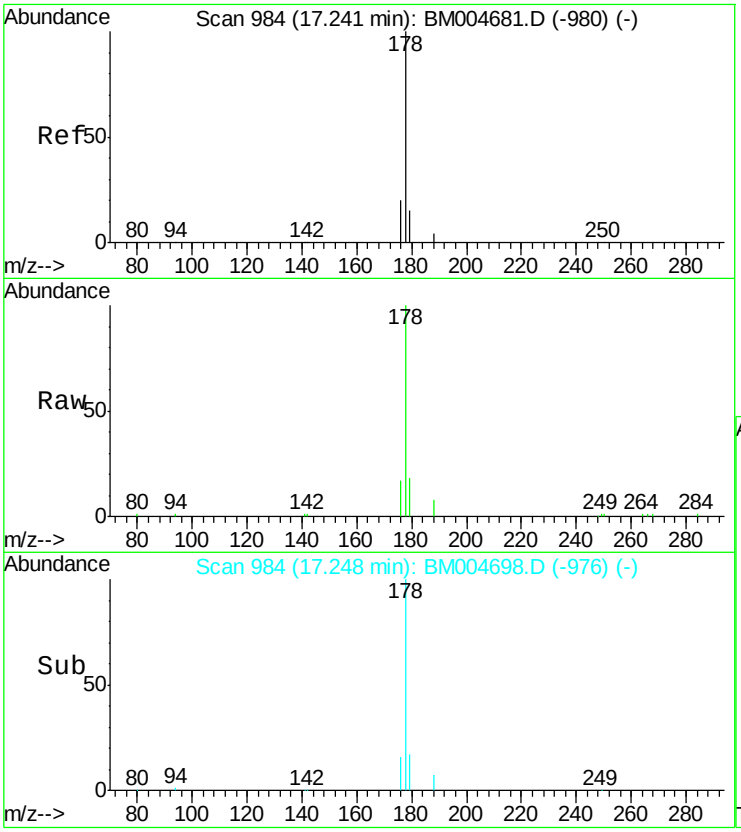


#18
Pentachlorophenol
Concen: 0.31 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:266 Resp: 1012

Ion	Ratio	Lower	Upper
266	100		
268	72.6	49.1	73.7
264	60.3	52.9	79.3

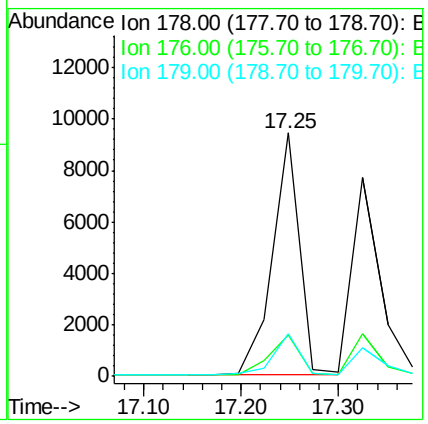




#19
Phenanthrene
Concen: 0.33 ng
RT: 17.25 min Scan# 984
Delta R.T. 0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:178 Resp: 18239

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	16.5	12.2	18.4



Instrument :
BNA_M
ClientSampleId :
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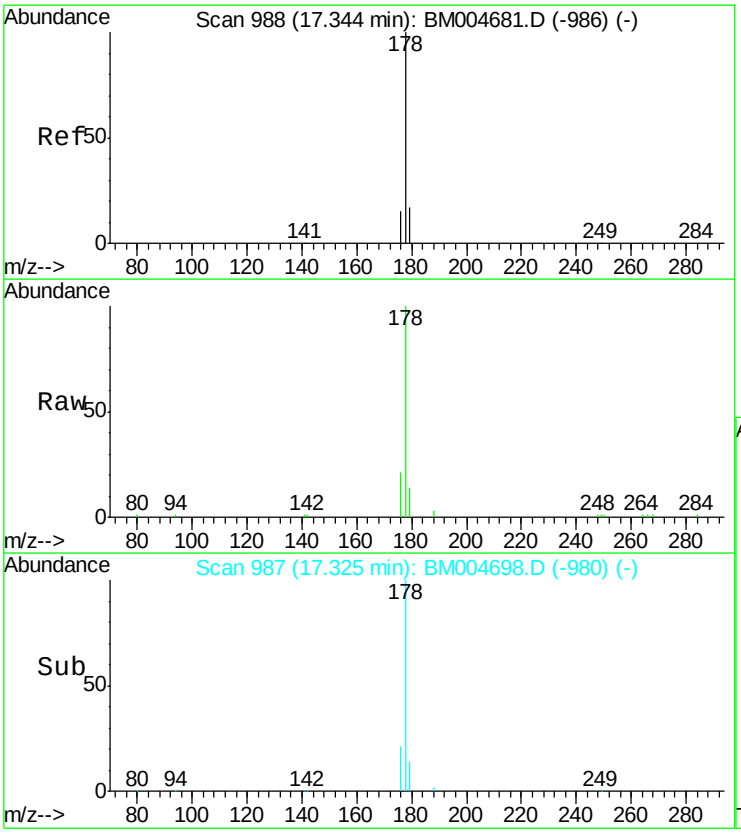
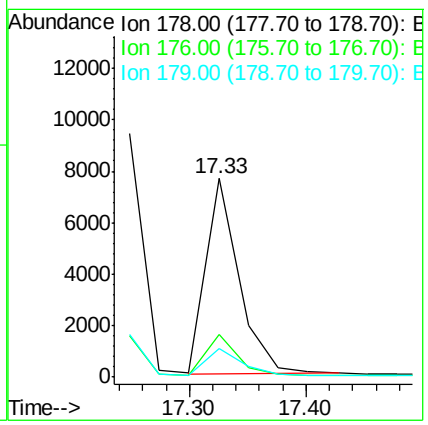
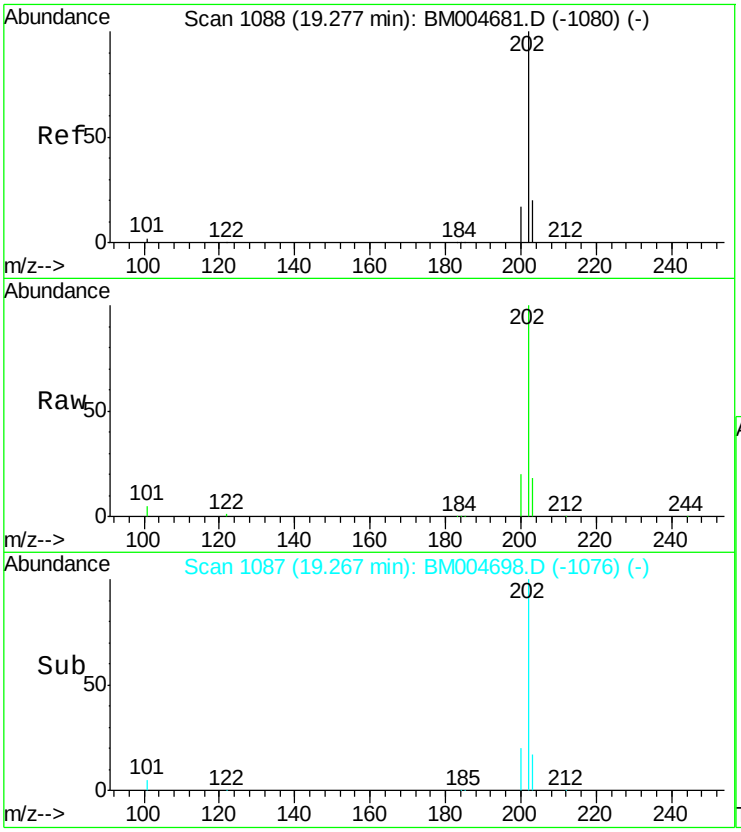


#20
Anthracene
Concen: 0.38 ng
RT: 17.33 min Scan# 987
Delta R.T. -0.02 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:178 Resp: 15066

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.5	21.7
179	14.7	12.6	18.8

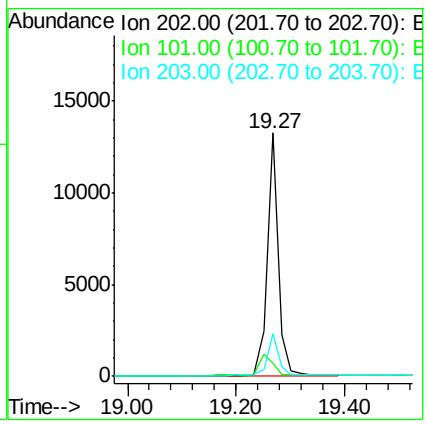




#21
Fluoranthene
Concen: 0.36 ng
RT: 19.27 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:202 Resp: 18936

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.7	13.1
203	17.2	14.1	21.1



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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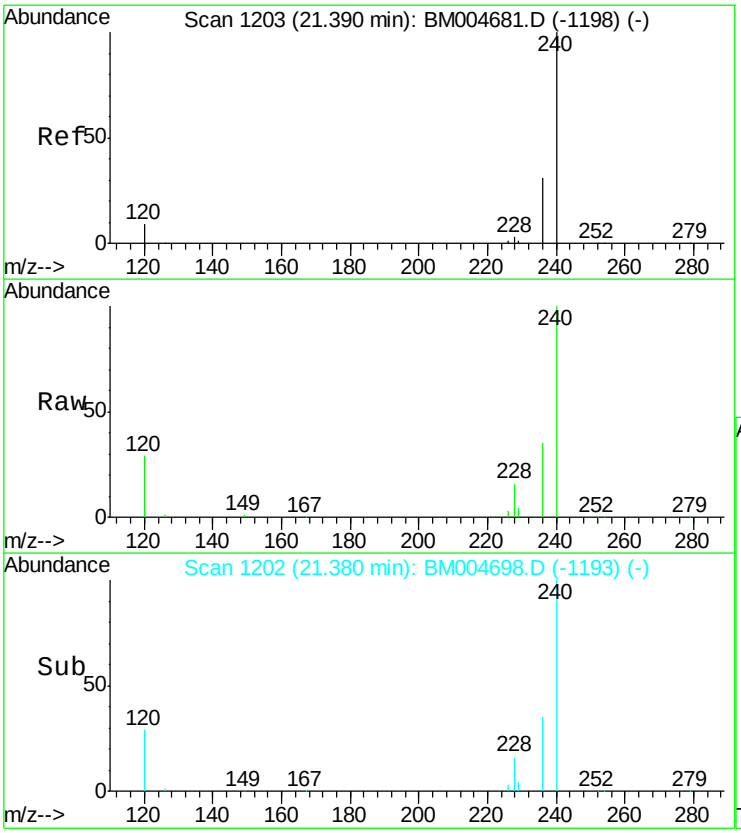
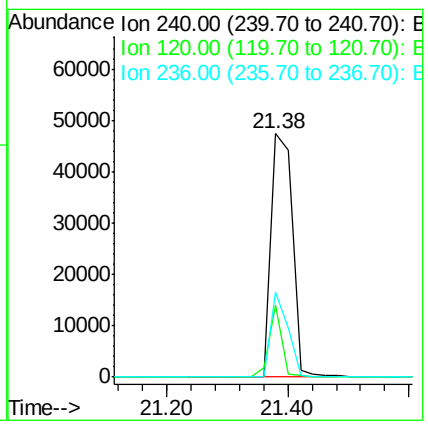
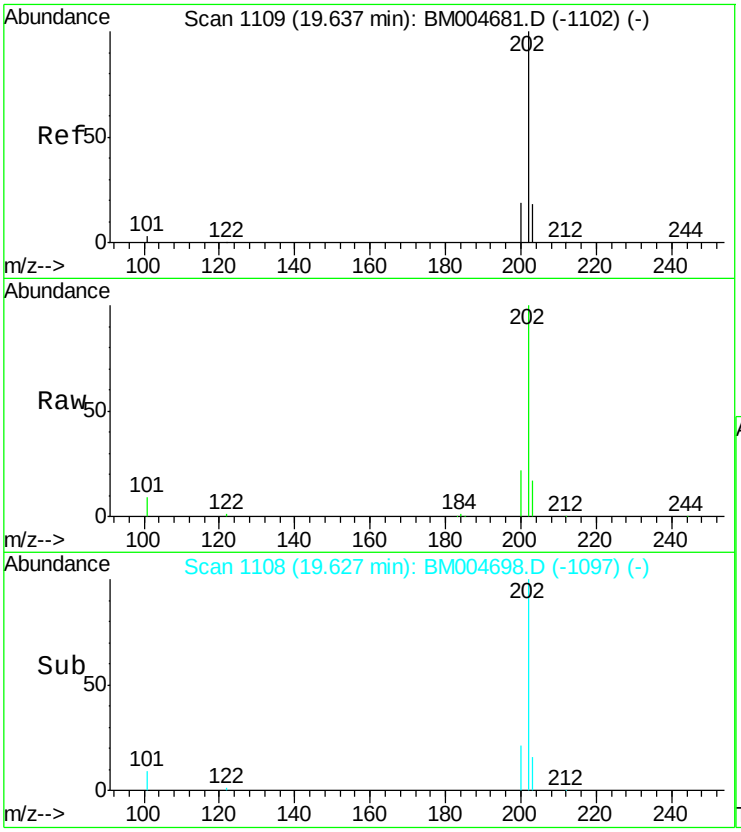


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.38 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:240 Resp: 115246

Ion	Ratio	Lower	Upper
240	100		
120	29.4	7.4	11.2#
236	35.1	24.5	36.7





#23
Pyrene
Concen: 0.47 ng
RT: 19.63 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:202 Resp: 19955

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.3	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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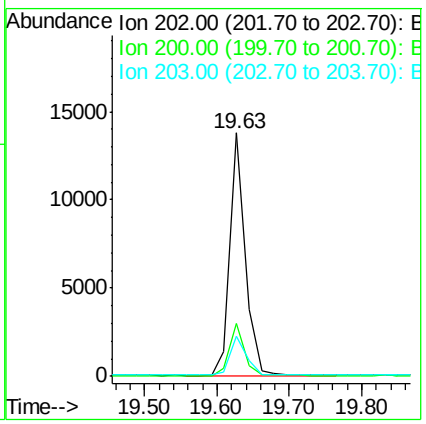
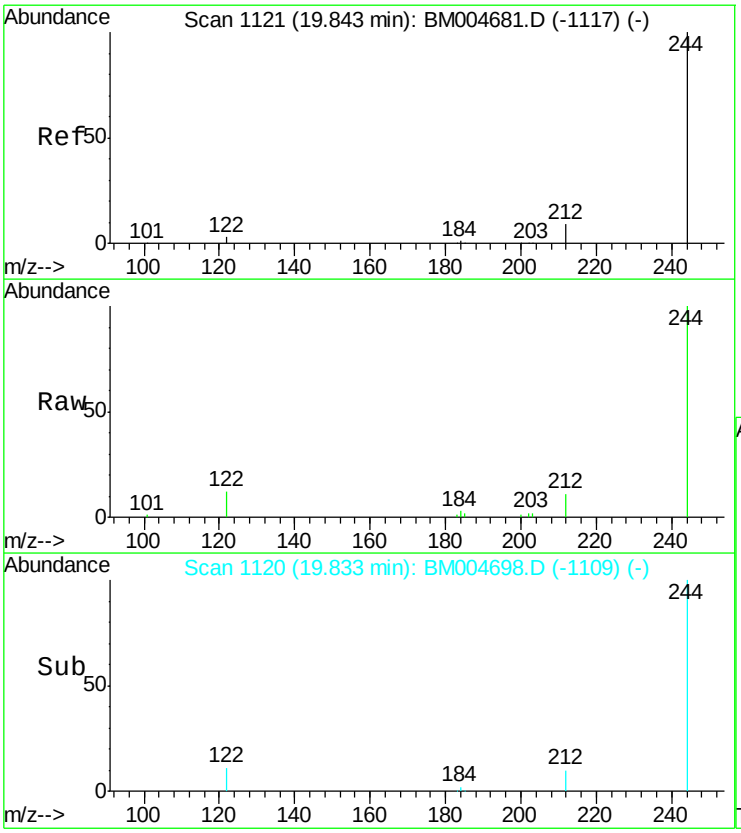
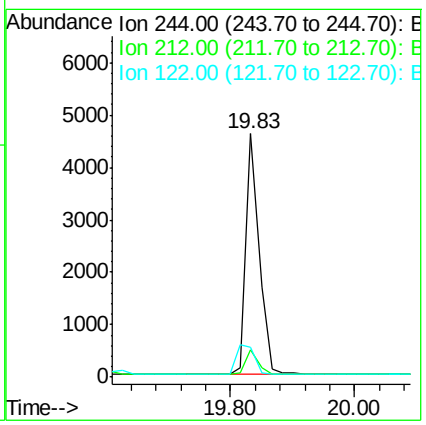


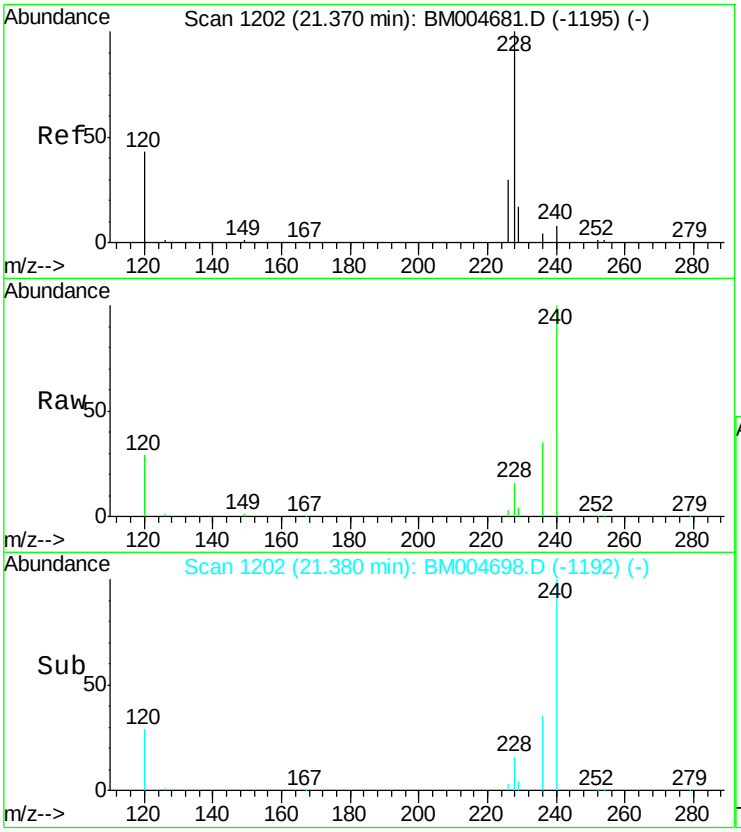


#24
Terphenyl-d14
Concen: 0.47 ng
RT: 19.83 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:244 Resp: 6834

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.7	11.5
122	12.5	3.4	5.0#





#25
Benzo(a)anthracene
Concen: 0.39 ng m
RT: 21.38 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:228 Resp: 18107

Ion	Ratio	Lower	Upper
228	100		
226	21.6	24.2	36.2#
229	24.0	14.2	21.2#

Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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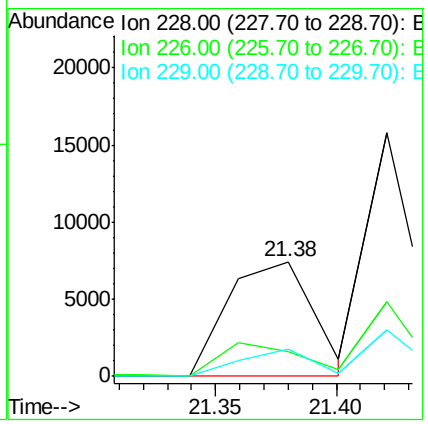
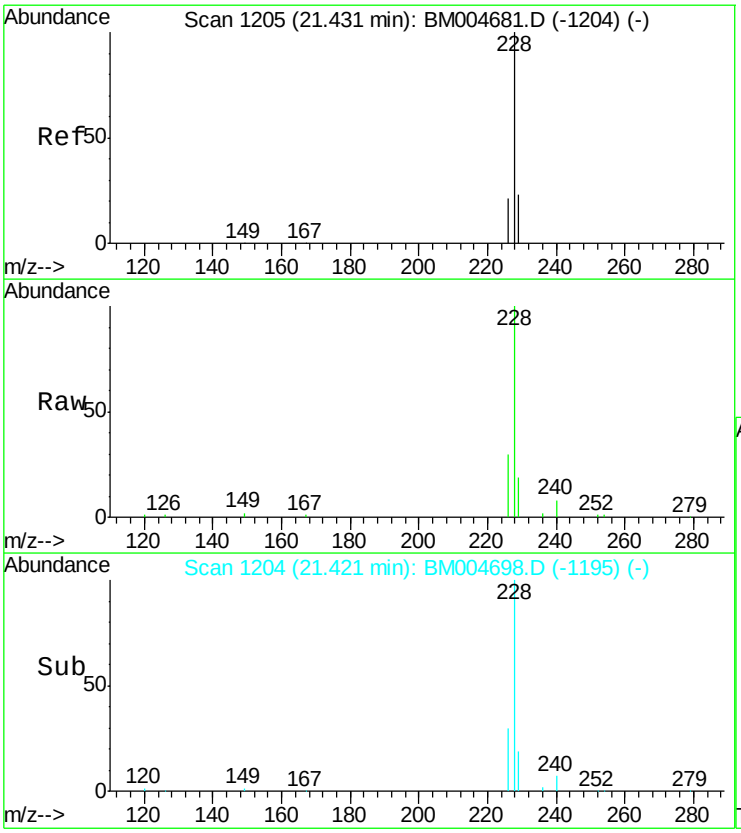
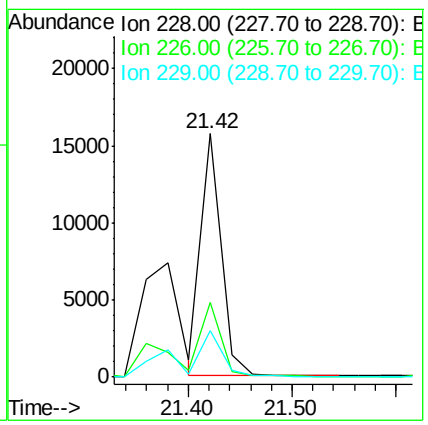


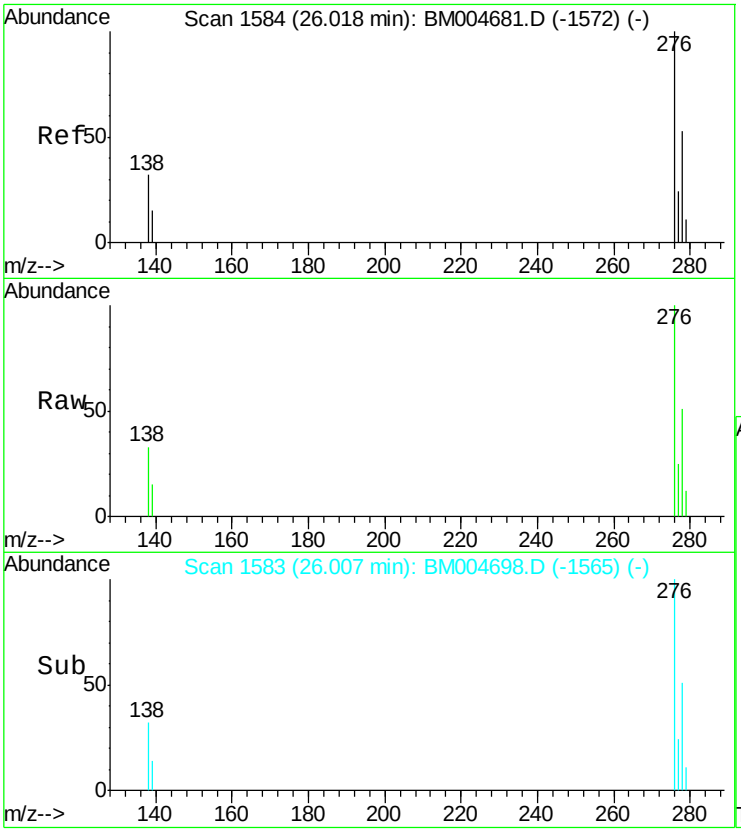


#26
Chrysene
Concen: 0.62 ng
RT: 21.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:228 Resp: 21370

Ion	Ratio	Lower	Upper
228	100		
226	30.4	20.9	31.3
229	18.9	17.4	26.2

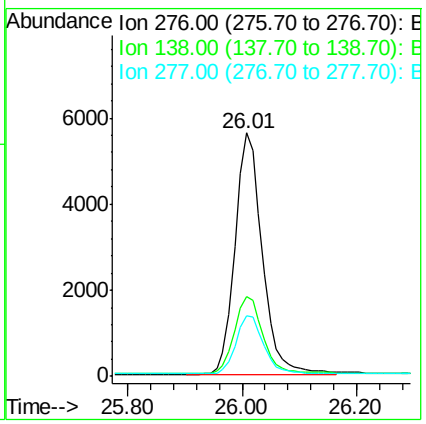




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.48 ng
RT: 26.01 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:276 Resp: 18507

Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.9	38.9
277	24.6	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
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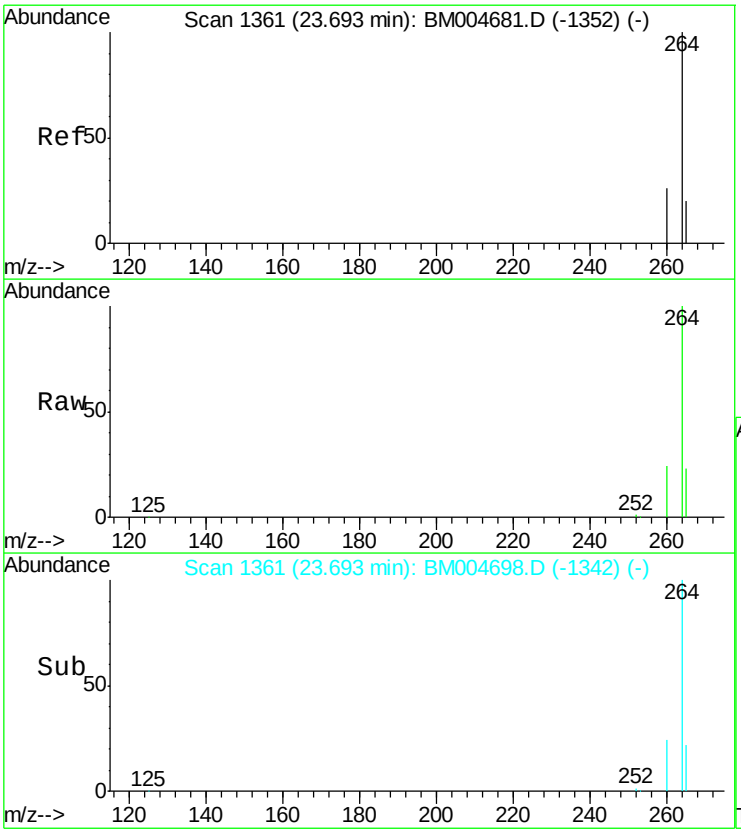
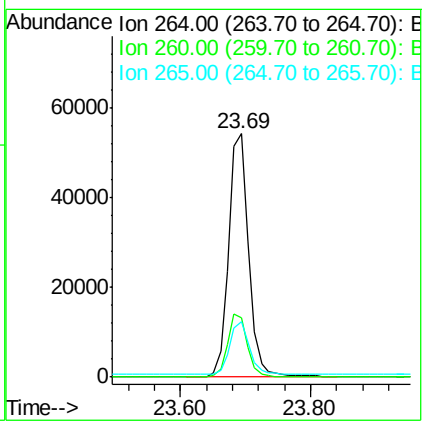
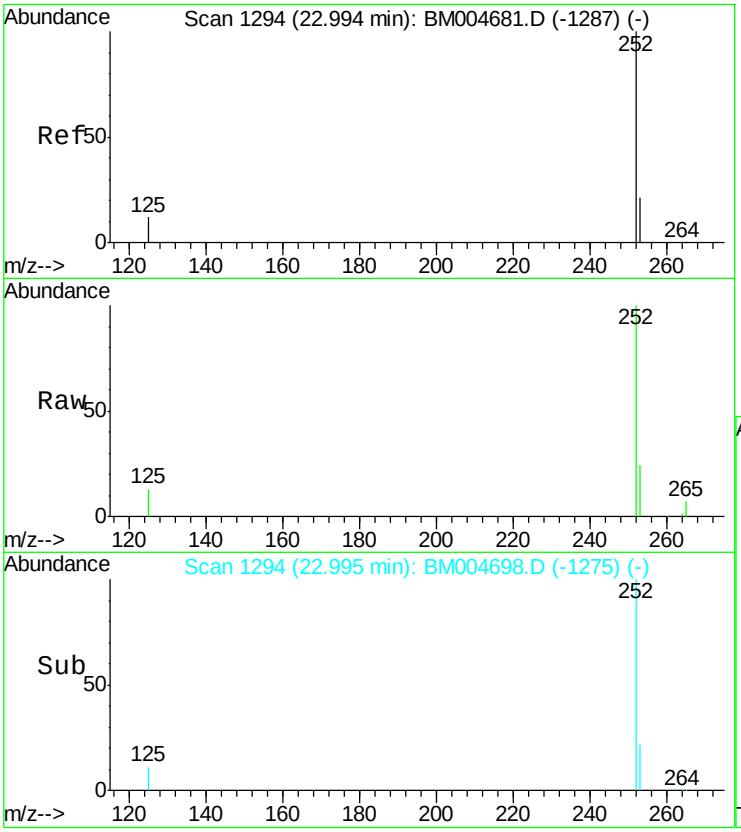


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.69 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:264 Resp: 114408

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.0	31.4
265	23.0	17.5	26.3

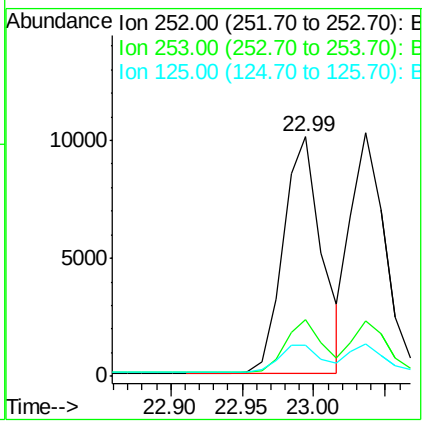




#29
Benzo(b)fluoranthene
Concen: 0.45 ng
RT: 22.99 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:252 Resp: 18860

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	12.9	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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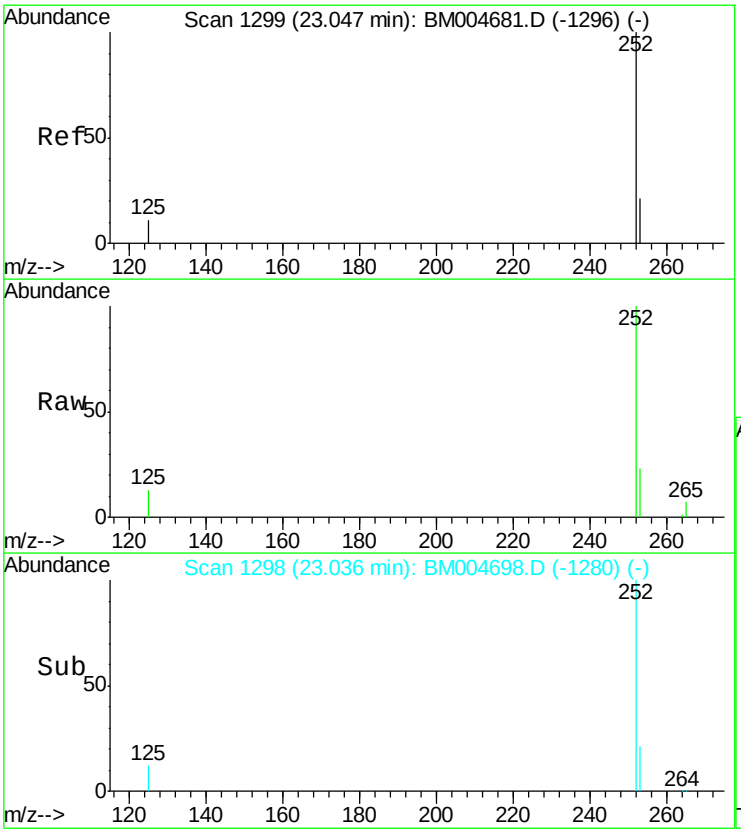
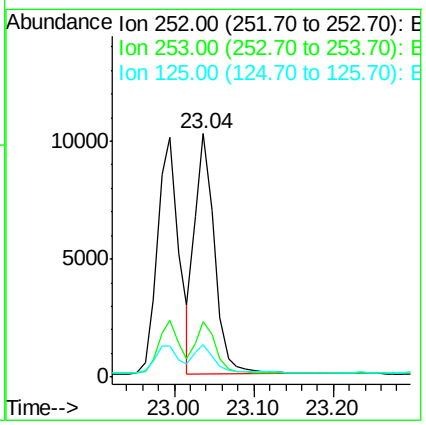
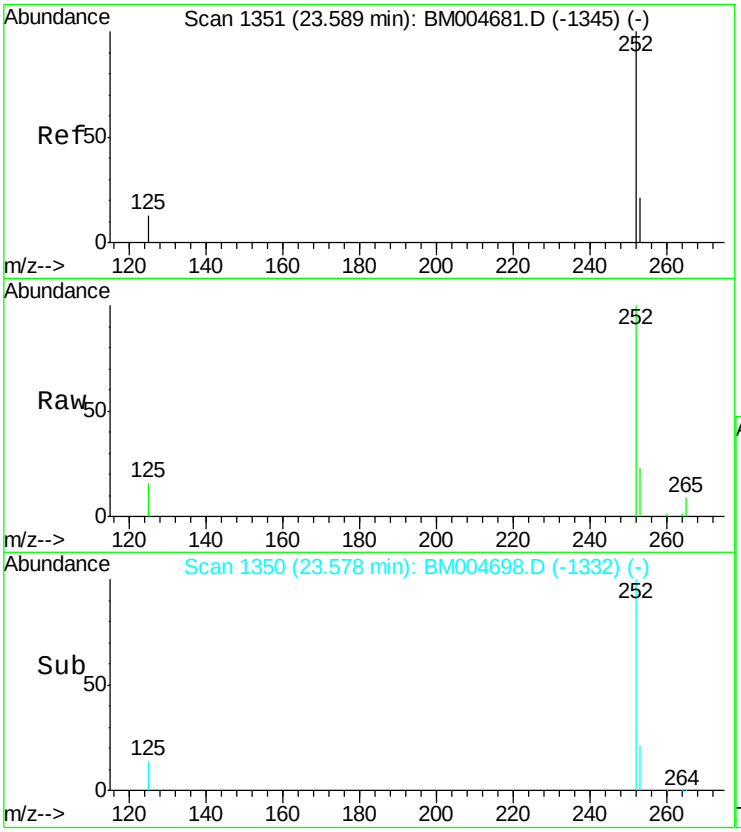


#30
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 23.04 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:252 Resp: 17345

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.3	28.9
125	13.3	10.6	15.8

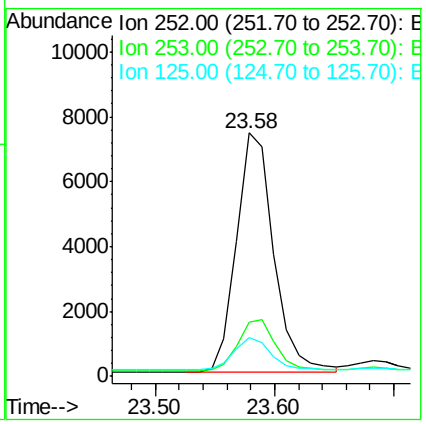




#31
Benzo(a)pyrene
Concen: 0.41 ng
RT: 23.58 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:252 Resp: 15963

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	16.0	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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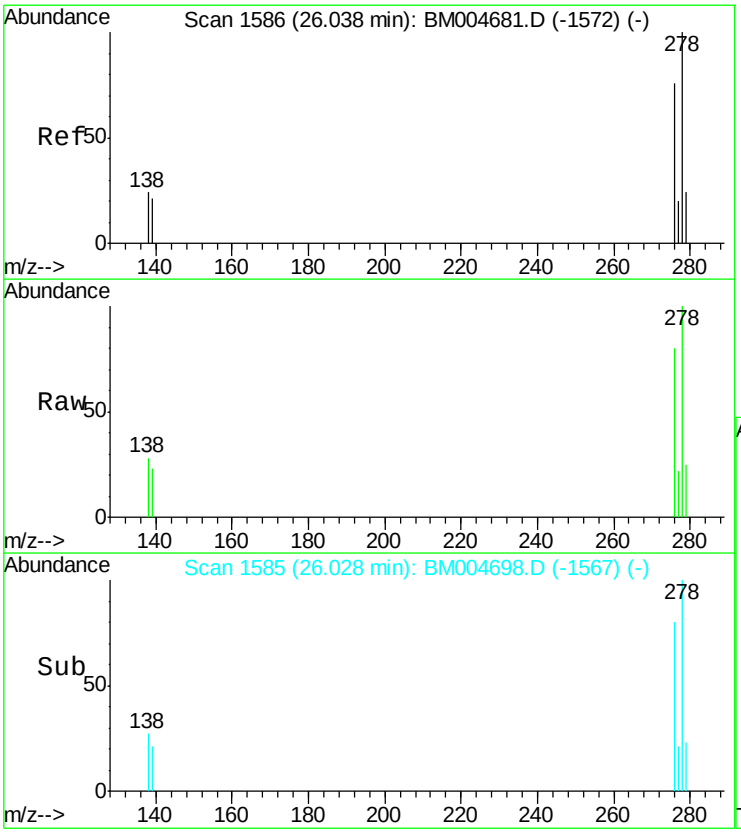
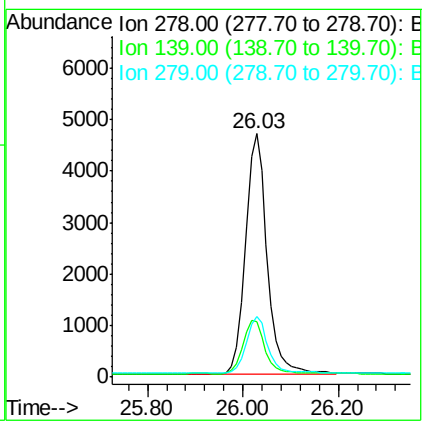
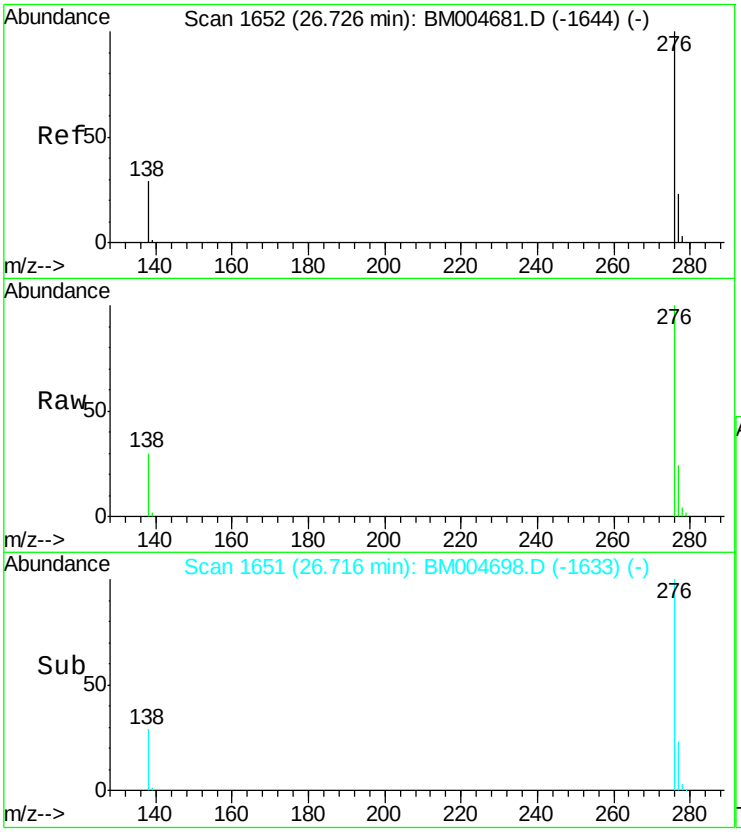


#32
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 26.03 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:278 Resp: 14800

Ion	Ratio	Lower	Upper
278	100		
139	22.6	17.6	26.4
279	24.9	19.9	29.9

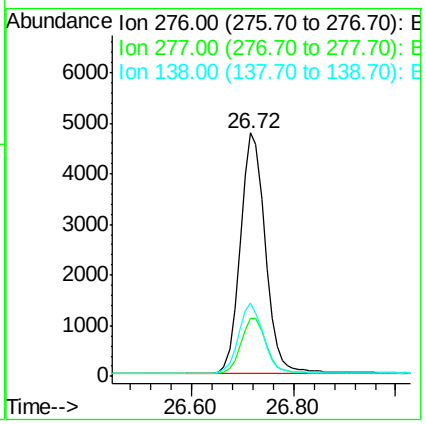




#33
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 26.72 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BM004698.D
Acq: 19 Mar 2016 01:36

Tgt Ion:276 Resp: 16114

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	30.1	24.5	36.7



Instrument :
BNA_M
ClientSampleId :
SSTDCCC0.4EC

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