Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
Data File : BM004682.D
Acq On : 18 Mar 2016 14:42
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.8

Manual Integrations APPROVED
mohammad
3/21/2016 2:43:00 PM

Quant Time: Mar 19 02:23:05 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 01:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	32001	5.00	ng		0.00
6) Naphthalene-d8	10.63	136	131258	5.00	ng		0.00
10) Acenaphthene-d10	14.46	164	72323	5.00	ng		0.00
16) Phenanthrene-d10	17.22	188	129403	5.00	ng		0.00
22) Chrysene-d12	21.39	240	143068	5.00	ng		0.00
28) Perylene-d12	23.69	264	123796	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	5301	0.72	ng		0.00
5) Phenol-d6	6.99	99	6404	0.71	ng		0.00
7) Nitrobenzene-d5	8.99	82	4506	0.71	ng		0.00
11) 2,4,6-Tribromophenol	15.95	330	1607m	0.68	ng		0.00
12) 2-Fluorobiphenyl	13.09	172	15223	0.74	ng		0.00
24) Terphenyl-d14	19.84	244	13343	0.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	2203	0.70	ng		95
3) n-Nitrosodimethylamine	3.66	42	2399	0.73	ng		99
8) Naphthalene	10.67	128	25693	0.71	ng		99
9) 2-Methylnaphthalene	12.29	142	16615	0.73	ng		100
13) Acenaphthylene	14.17	152	26576	0.71	ng		100
14) Acenaphthene	14.53	154	17710	0.72	ng		99
15) Fluorene	15.53	166	19782	0.72	ng	#	99
17) Hexachlorobenzene	16.53	284	5958	0.75	ng	#	100
18) Pentachlorophenol	16.86	266	2885	0.66	ng		99
19) Phenanthrene	17.24	178	38799	0.75	ng		100
20) Anthracene	17.34	178	27006	0.73	ng		100
21) Fluoranthene	19.28	202	35635	0.73	ng		100
23) Pyrene	19.64	202	38024	0.72	ng		100
25) Benzo(a)anthracene	21.37	228	40027	0.70	ng		100
26) Chrysene	21.43	228	32397	0.76	ng		98
27) Indeno(1,2,3-cd)pyrene	26.02	276	34145	0.71	ng		99
29) Benzo(b)fluoranthene	23.00	252	32088	0.71	ng		99
30) Benzo(k)fluoranthene	23.05	252	32875	0.73	ng		98
31) Benzo(a)pyrene	23.59	252	30371	0.72	ng		98
32) Dibenzo(a,h)anthracene	26.04	278	27405	0.73	ng		99
33) Benzo(g,h,i)perylene	26.73	276	28974	0.63	ng		99

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

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Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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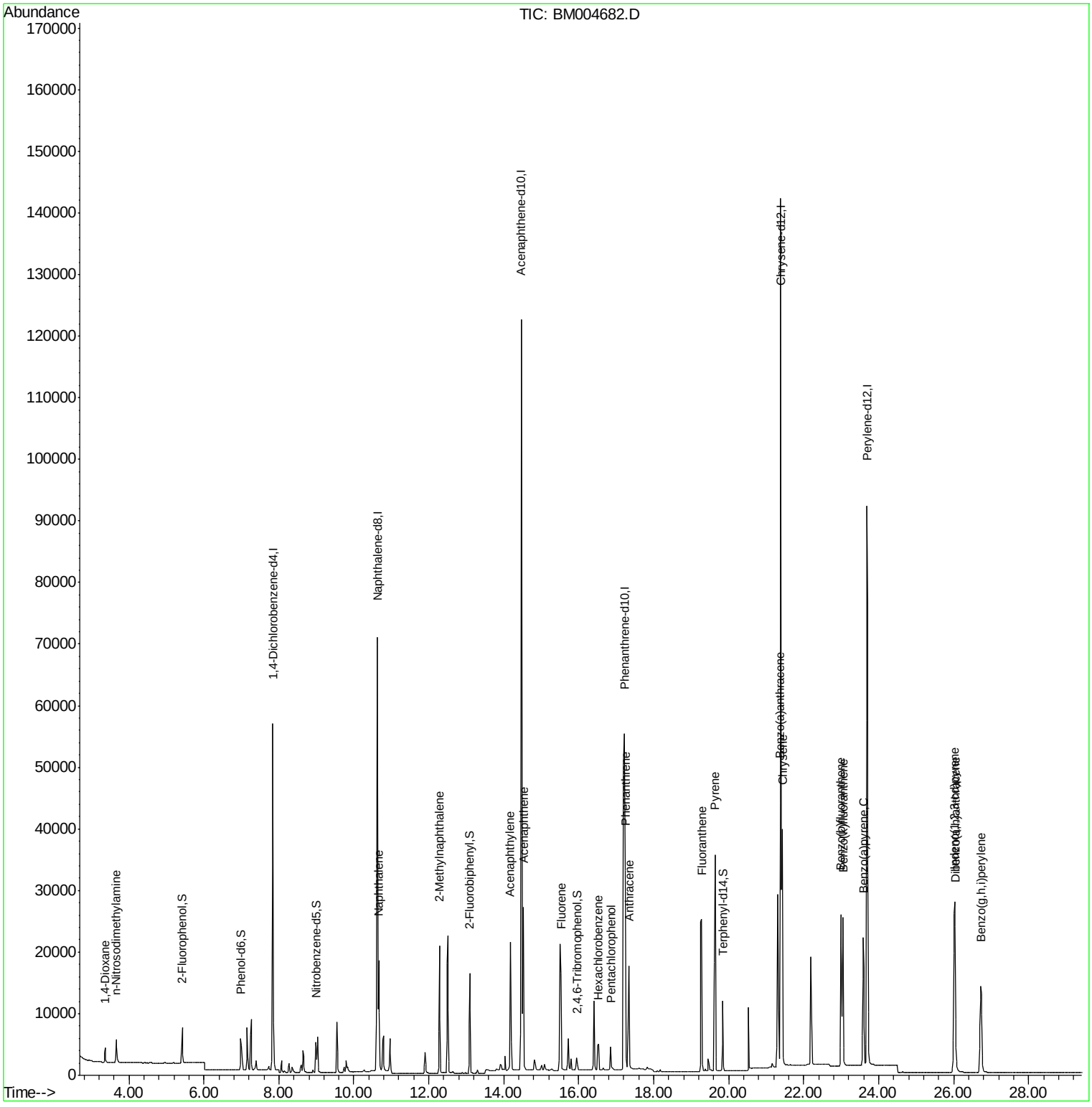
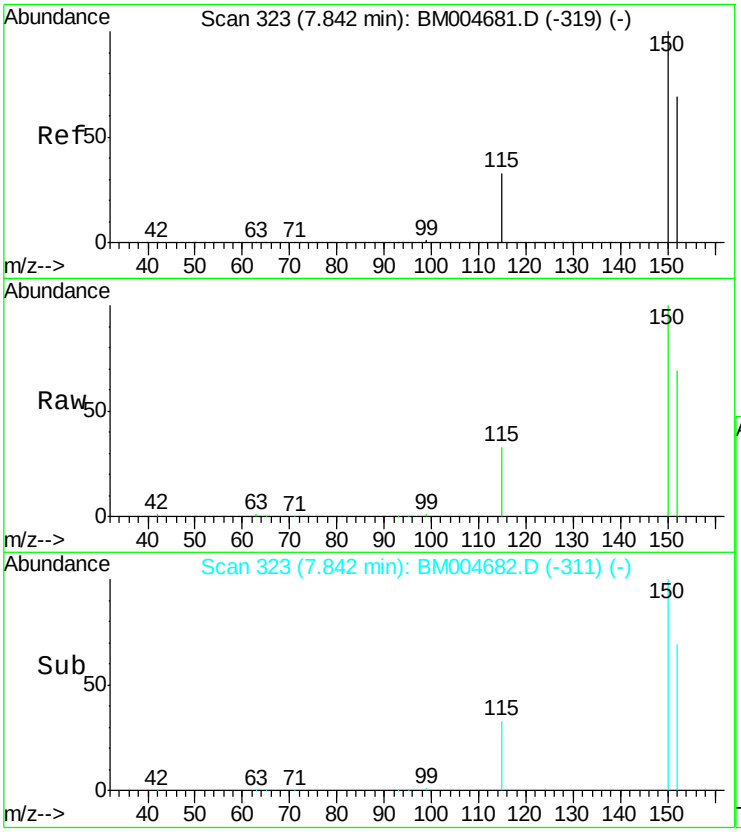
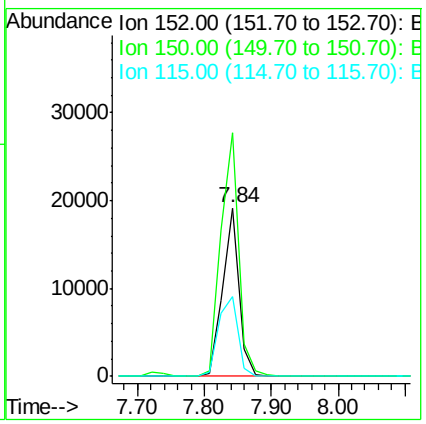




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:152 Resp: 32001

Ion	Ratio	Lower	Upper
152	100		
150	144.7	115.9	173.9
115	47.7	38.4	57.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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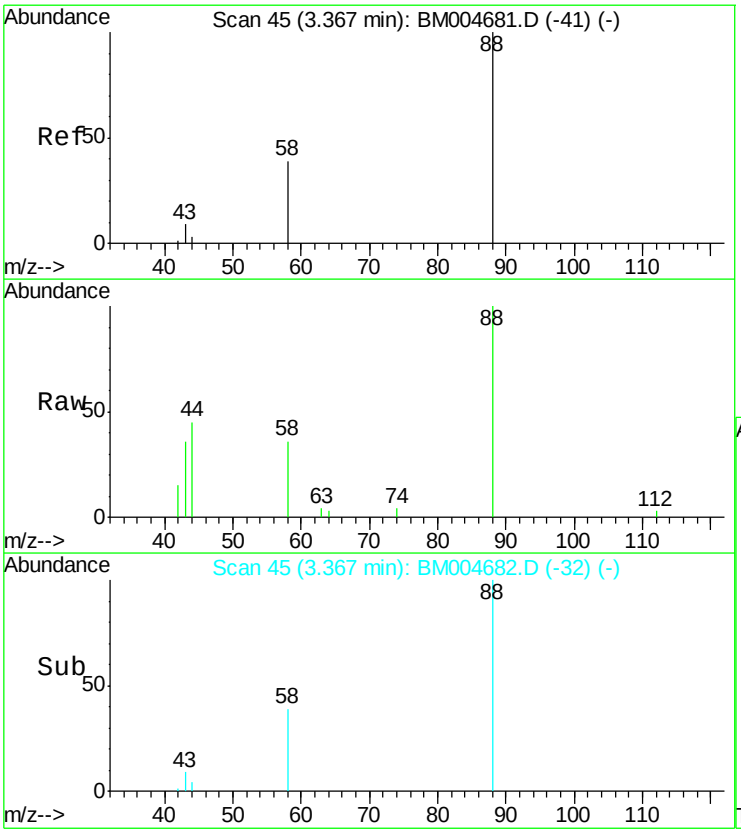
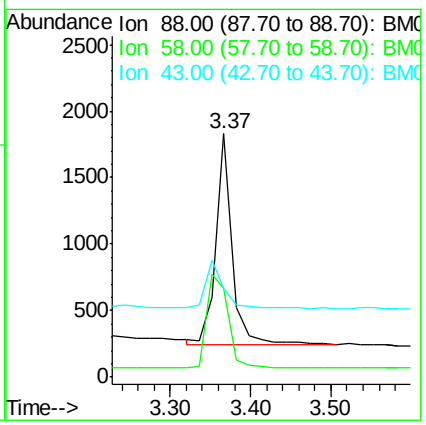
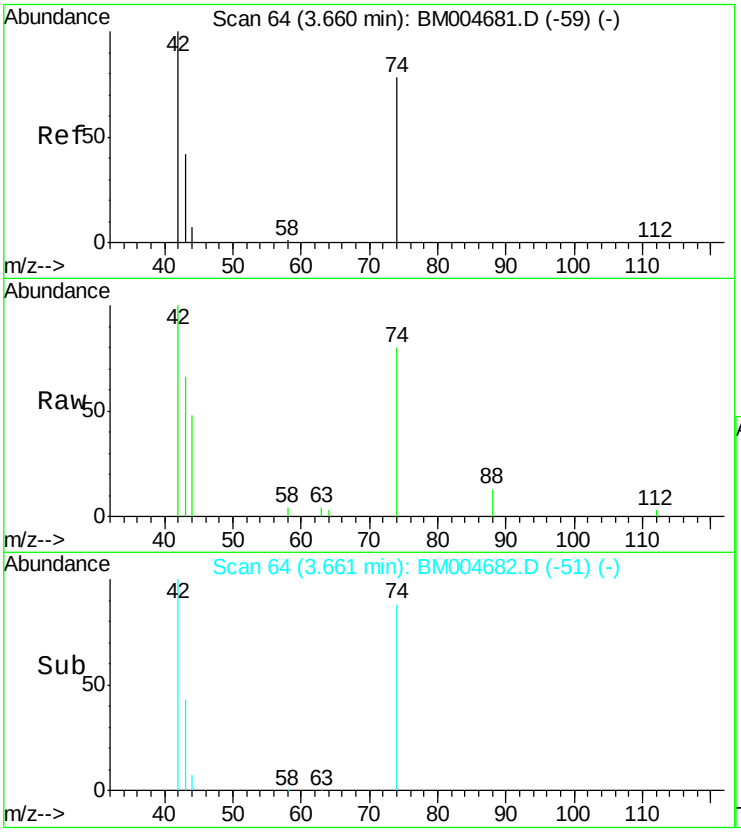


#2
1,4-Dioxane
Concen: 0.70 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion: 88 Resp: 2203

Ion	Ratio	Lower	Upper
88	100		
58	59.4	43.9	65.9
43	25.3	19.9	29.9

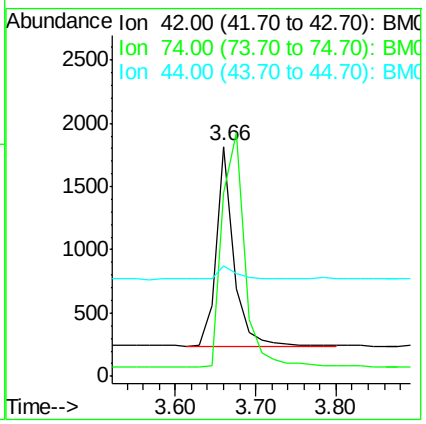




#3
n-Nitrosodimethylamine
Concen: 0.73 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion: 42 Resp: 2399

Ion	Ratio	Lower	Upper
42	100		
74	152.0	120.9	181.3
44	8.7	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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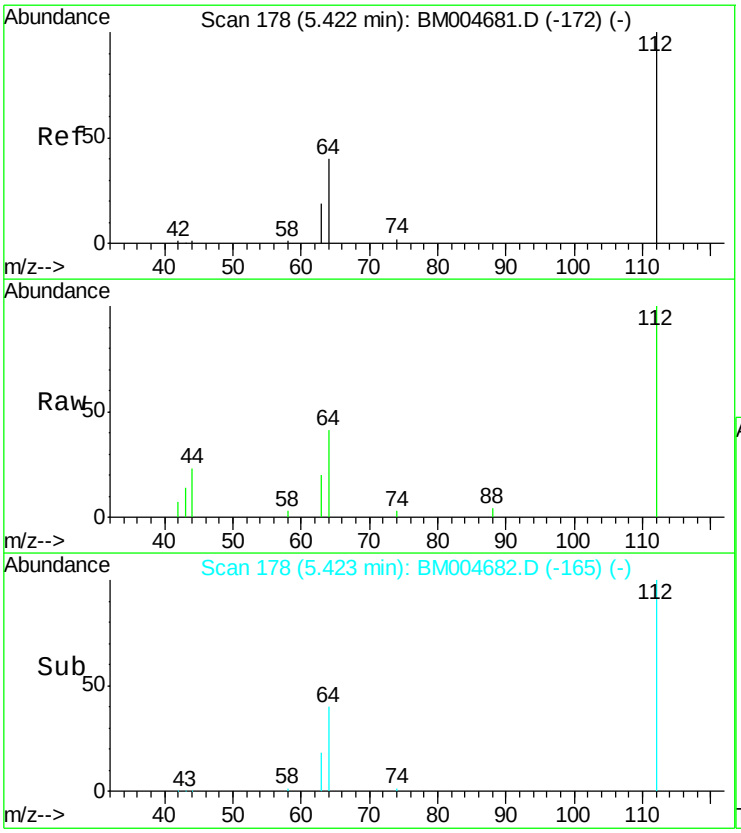
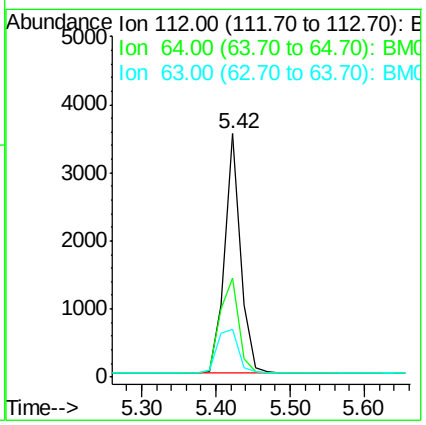
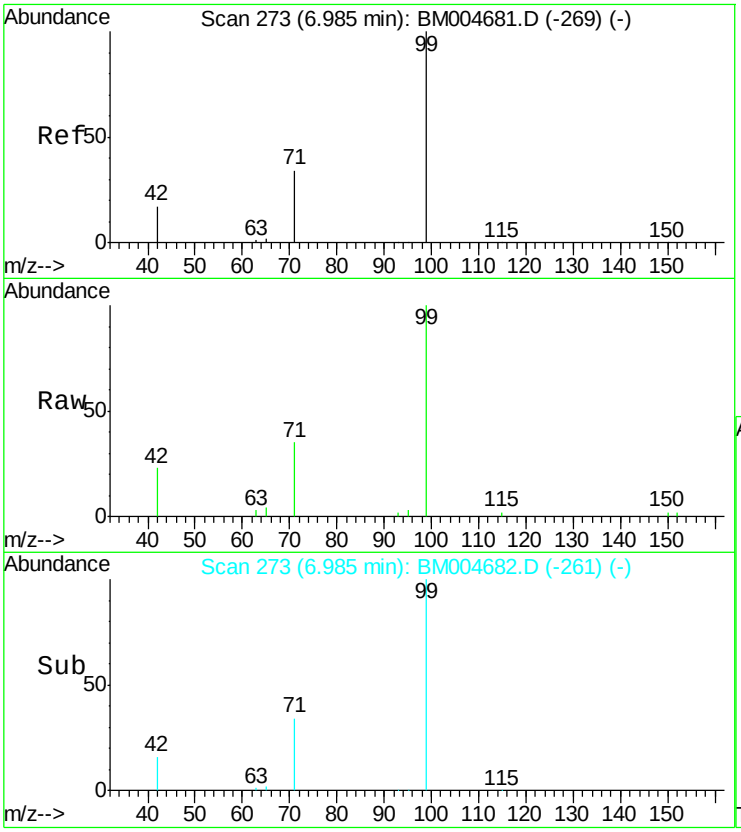


#4
2-Fluorophenol
Concen: 0.72 ng
RT: 5.42 min Scan# 178
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:112 Resp: 5301

Ion	Ratio	Lower	Upper
112	100		
64	46.5	37.0	55.6
63	24.2	19.3	28.9

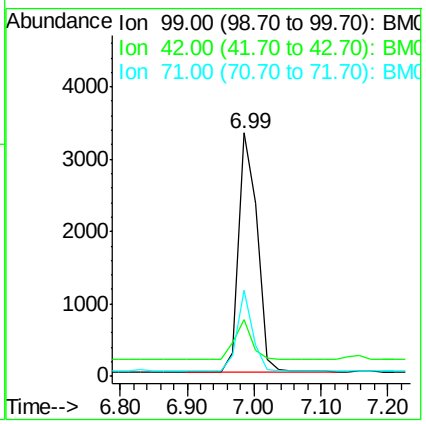




#5
Phenol-d6
Concen: 0.71 ng
RT: 6.99 min Scan# 273
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion: 99 Resp: 6404

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.7	19.1
71	28.3	22.9	34.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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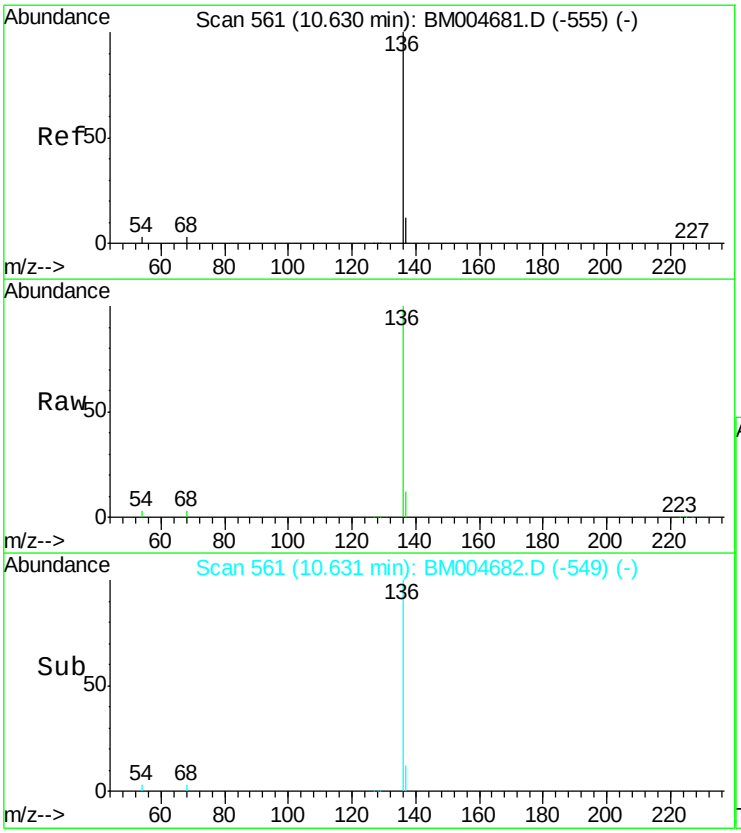
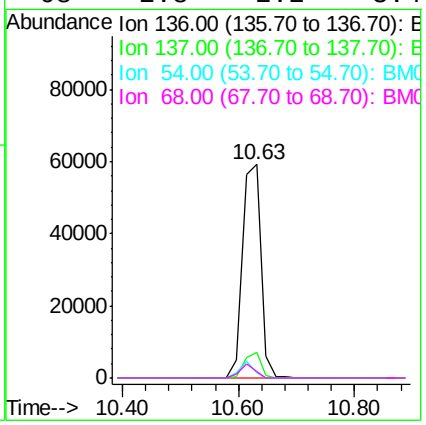
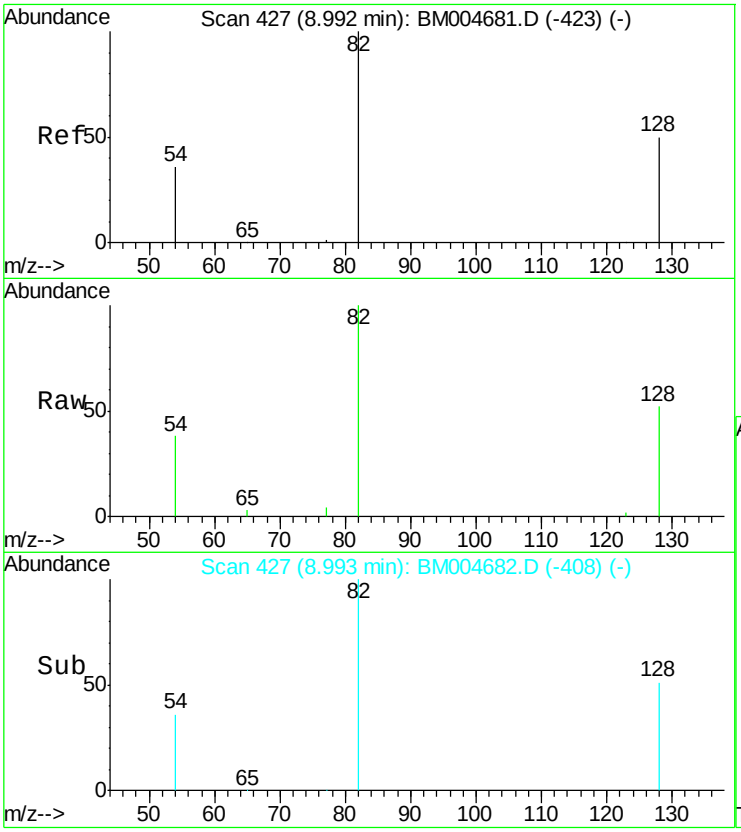


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.63 min Scan# 561
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:136 Resp: 131258

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

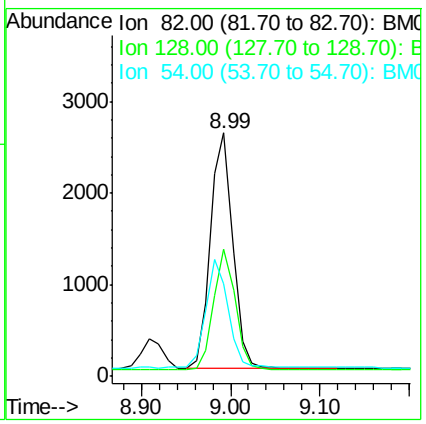




#7
Nitrobenzene-d5
Concen: 0.71 ng
RT: 8.99 min Scan# 427
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion: 82 Resp: 4506

Ion	Ratio	Lower	Upper
82	100		
128	52.1	41.8	62.8
54	38.3	32.9	49.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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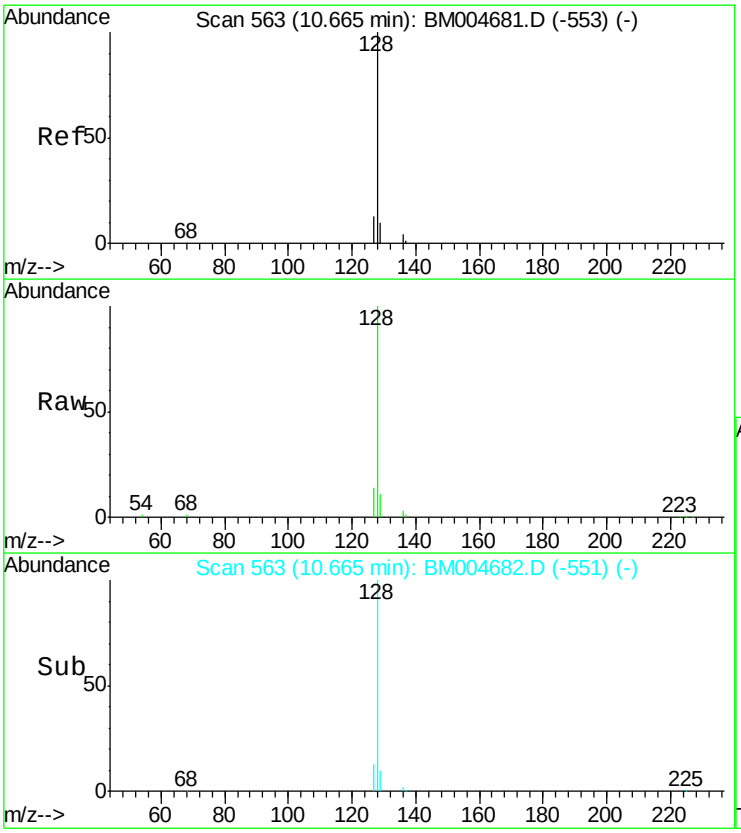
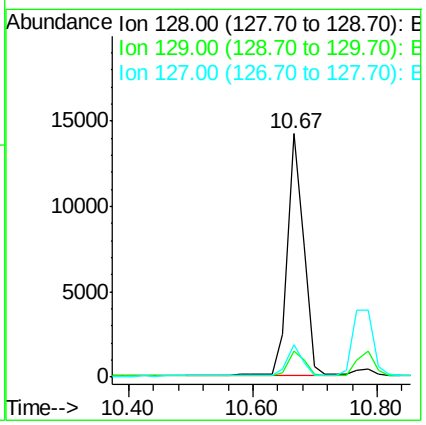
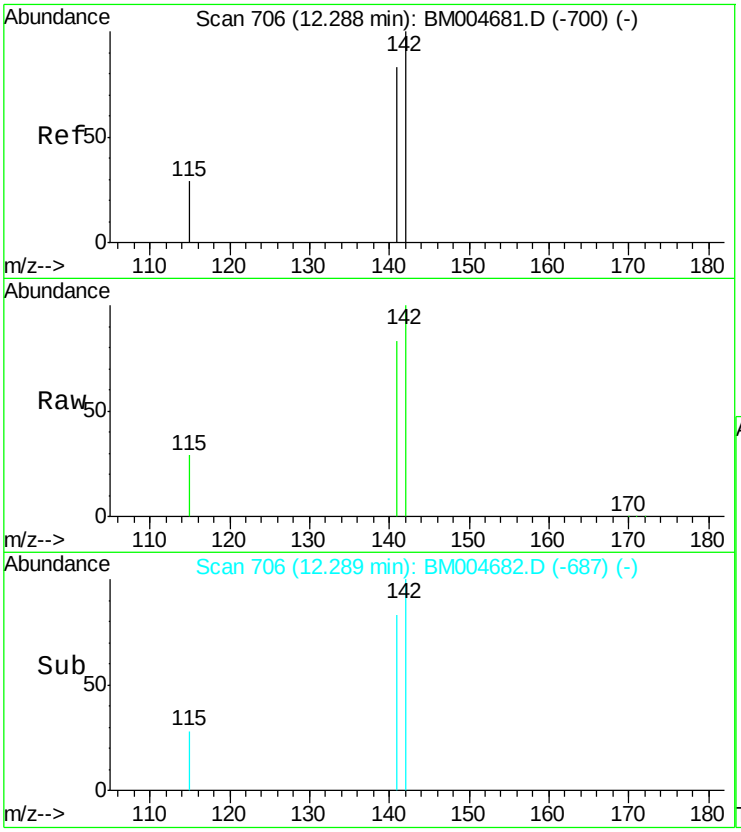


#8
Naphthalene
Concen: 0.71 ng
RT: 10.67 min Scan# 563
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:128 Resp: 25693

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.6	11.3	16.9

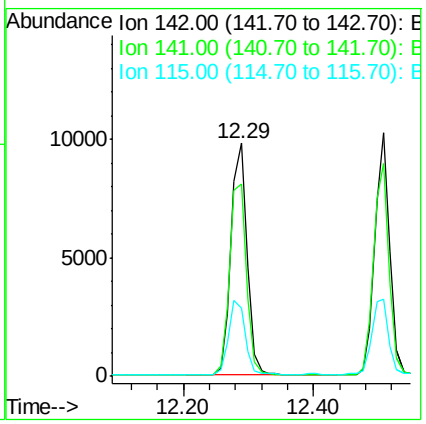




#9
2-Methylnaphthalene
Concen: 0.73 ng
RT: 12.29 min Scan# 706
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:142 Resp: 16615

Ion	Ratio	Lower	Upper
142	100		
141	82.6	66.2	99.2
115	29.1	23.8	35.8



Instrument :
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ClientSampleId :
SSTDICC0.8

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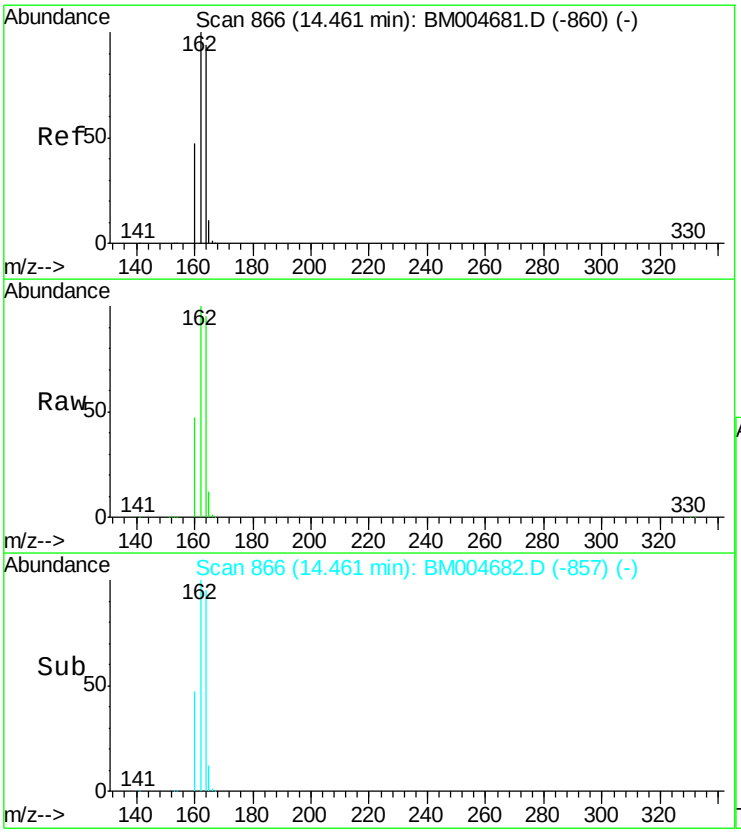
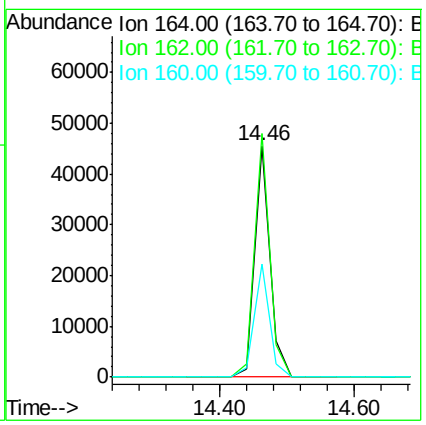
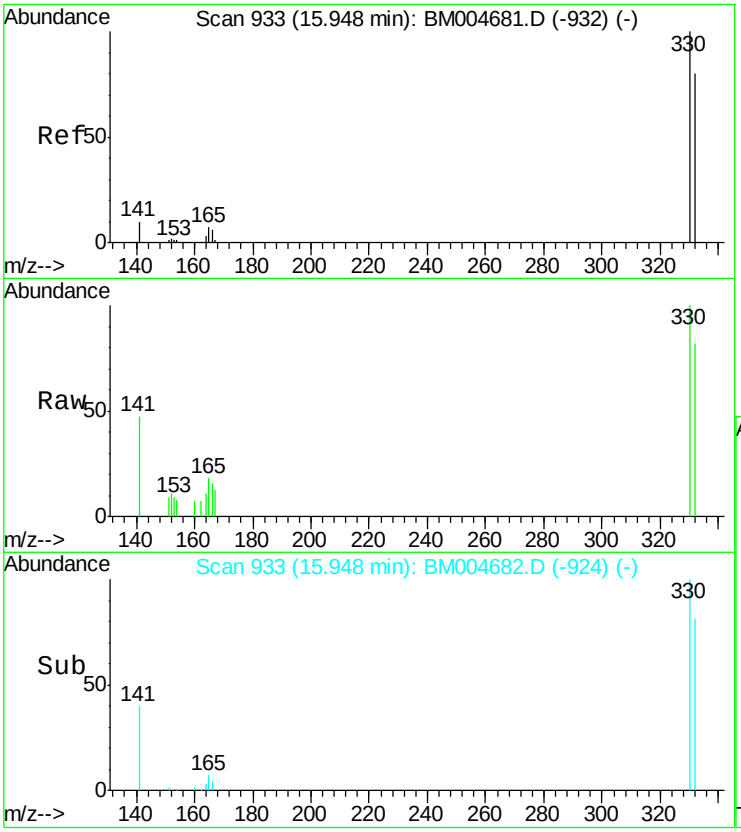


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.46 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:164 Resp: 72323

Ion	Ratio	Lower	Upper
164	100		
162	105.3	85.4	128.0
160	49.2	40.2	60.2

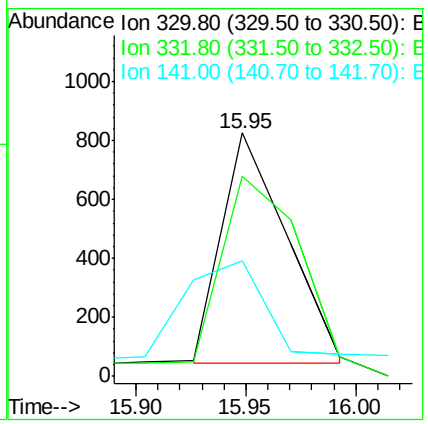




#11
2,4,6-Tribromophenol
Concen: 0.68 ng m
RT: 15.95 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:330 Resp: 1607

Ion	Ratio	Lower	Upper
330	100		
332	109.7	93.9	140.9
141	53.0	42.2	63.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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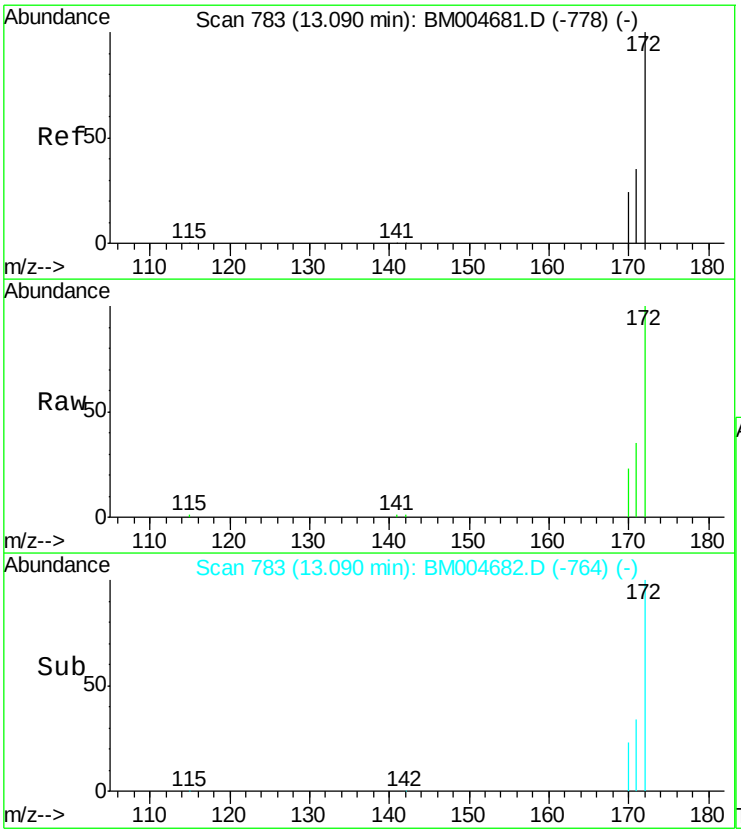
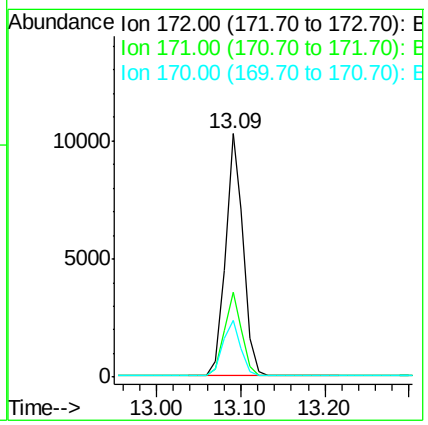
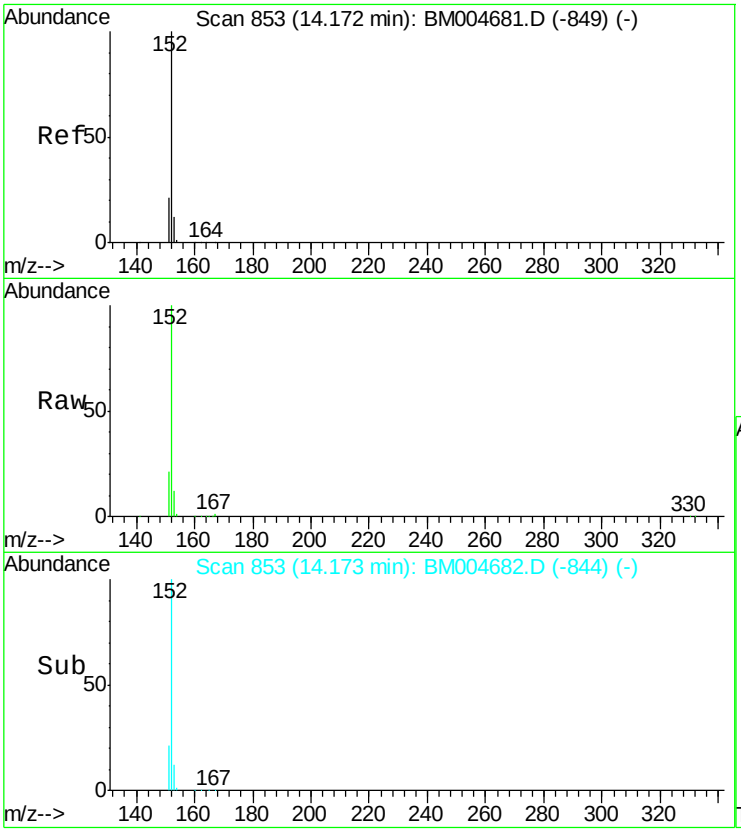


#12
2-Fluorobiphenyl
Concen: 0.74 ng
RT: 13.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:172 Resp: 15223

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.3	19.4	29.2

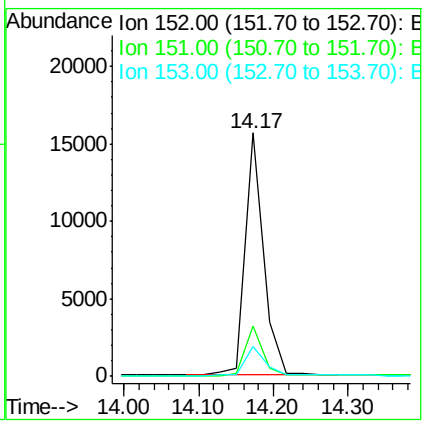




#13
Acenaphthylene
Concen: 0.71 ng
RT: 14.17 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:152 Resp: 26576

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	12.7	10.2	15.2



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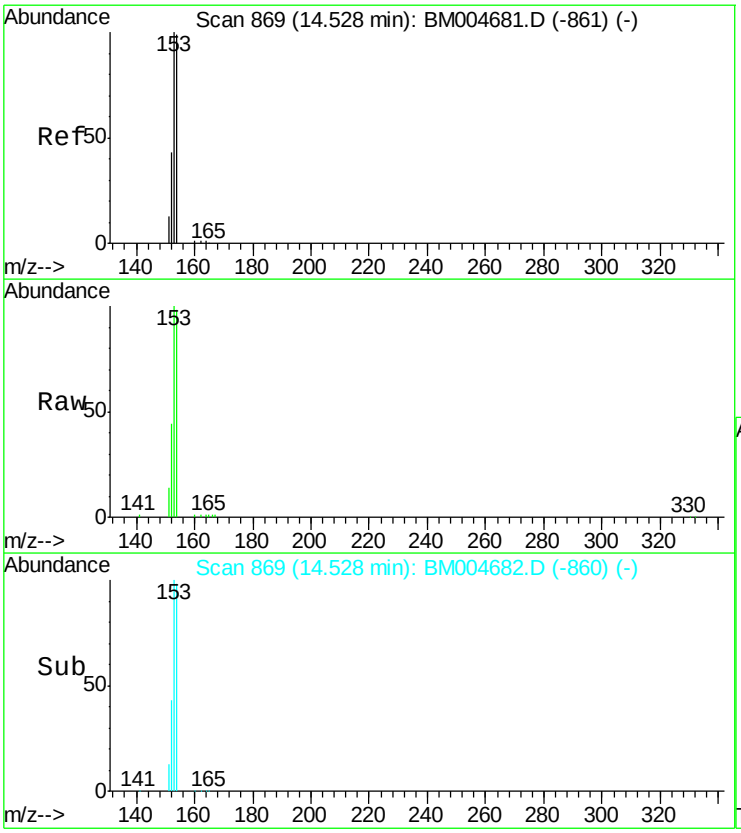
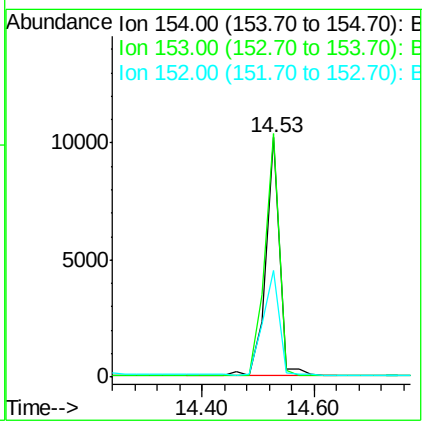
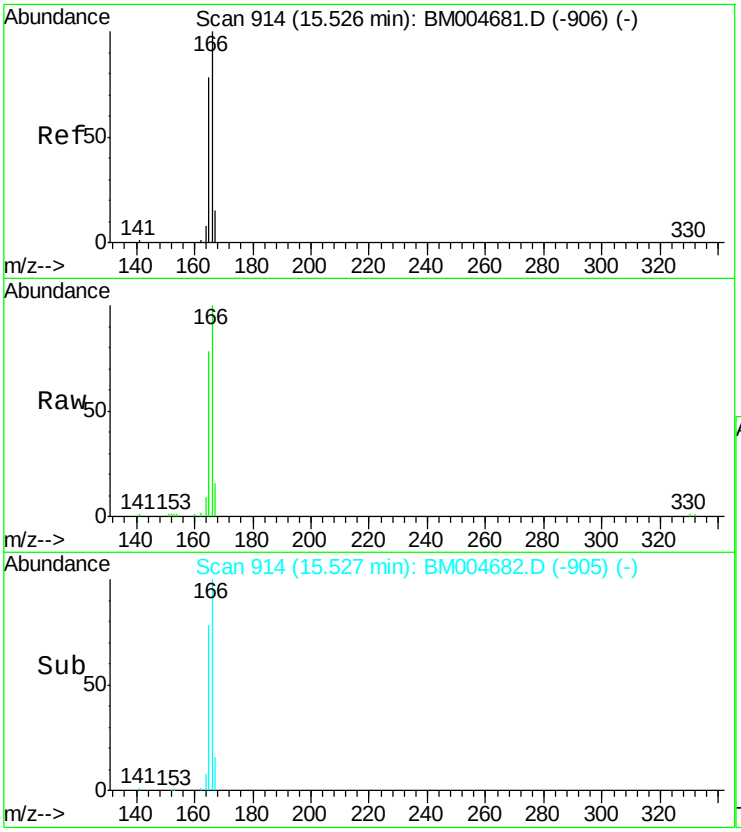


#14
Acenaphthene
Concen: 0.72 ng
RT: 14.53 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:154 Resp: 17710

Ion	Ratio	Lower	Upper
154	100		
153	105.4	83.8	125.6
152	50.8	40.3	60.5

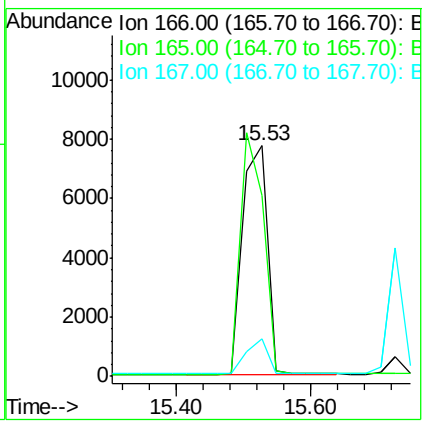




#15
Fluorene
Concen: 0.72 ng
RT: 15.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:166 Resp: 19782

Ion	Ratio	Lower	Upper
166	100		
165	0.0	0.0	0.0
167	13.4	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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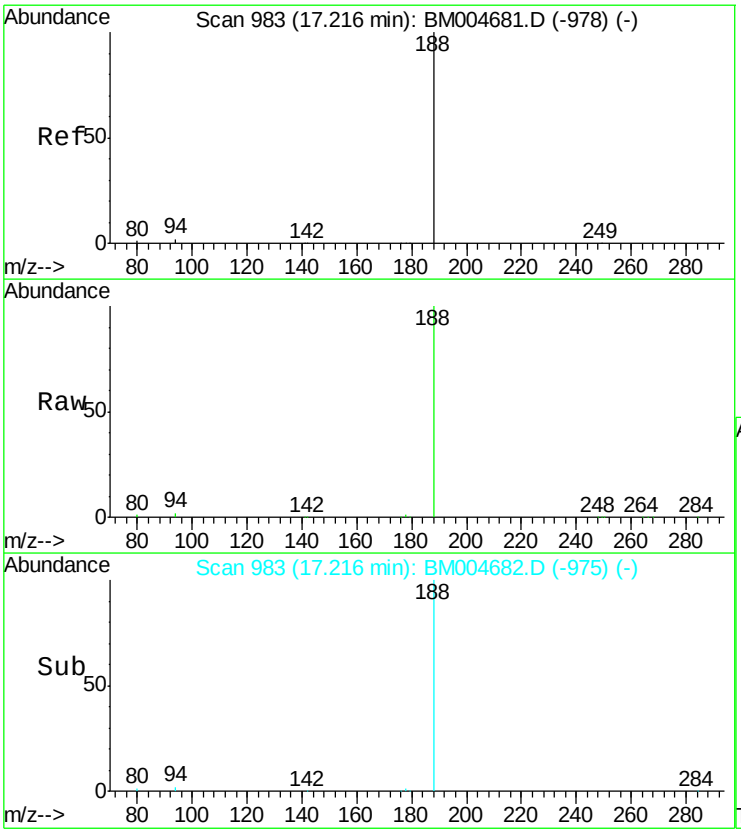
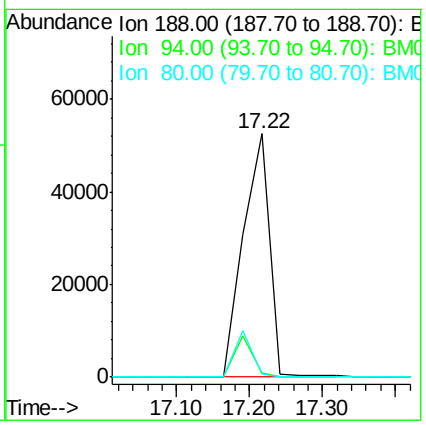
3/21/2016 2:43:00 PM

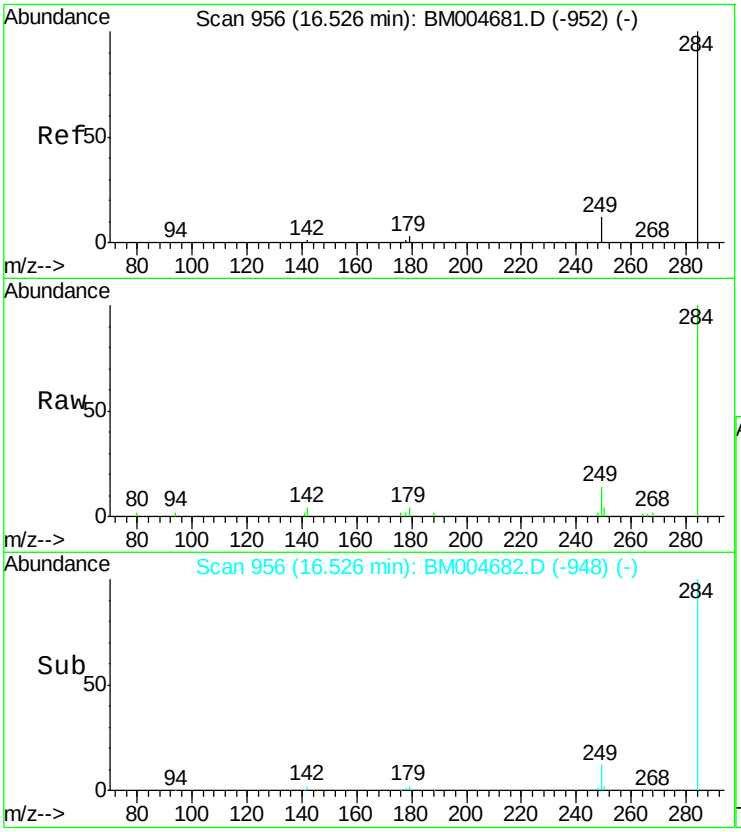


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:188 Resp: 129403

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

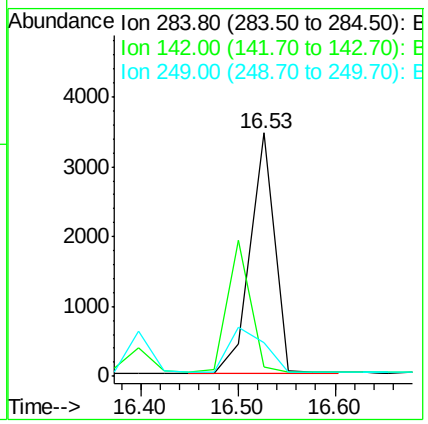




#17
Hexachlorobenzene
Concen: 0.75 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:284 Resp: 5958

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



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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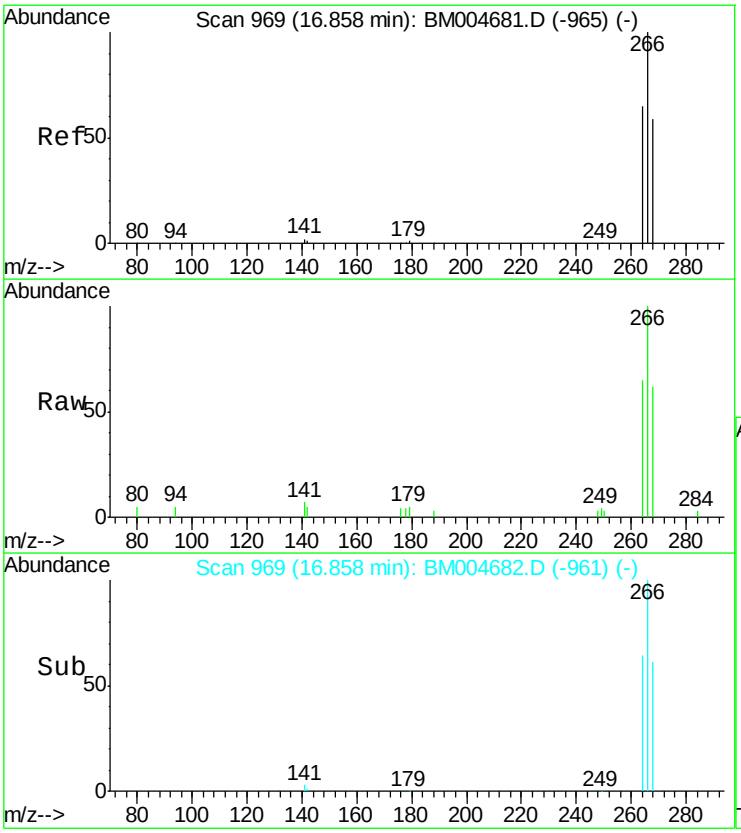
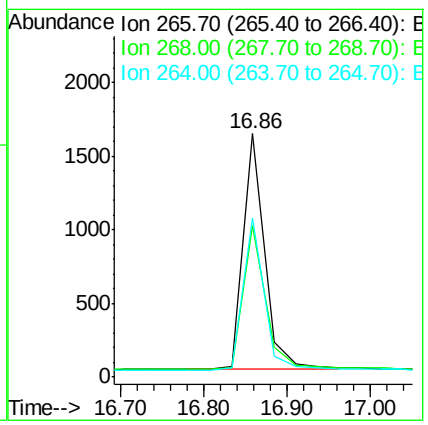
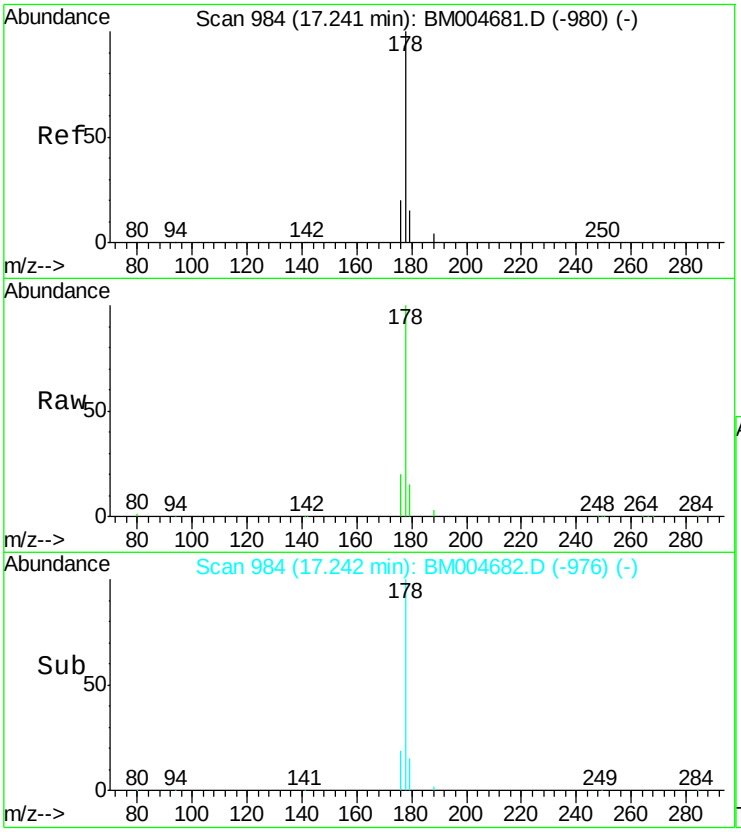


#18
Pentachlorophenol
Concen: 0.66 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:266 Resp: 2885

Ion	Ratio	Lower	Upper
266	100		
268	62.2	49.1	73.7
264	65.3	52.9	79.3

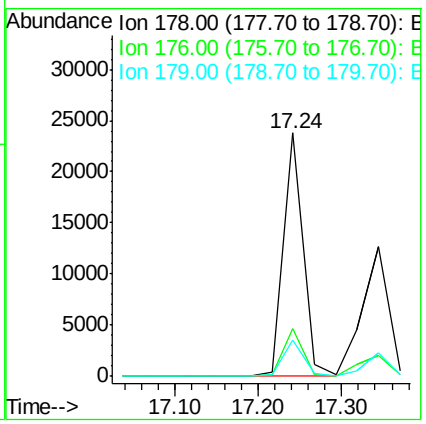




#19
Phenanthrene
Concen: 0.75 ng
RT: 17.24 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:178 Resp: 38799

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.0	12.2	18.4



Instrument :
BNA_M
ClientSampleId :
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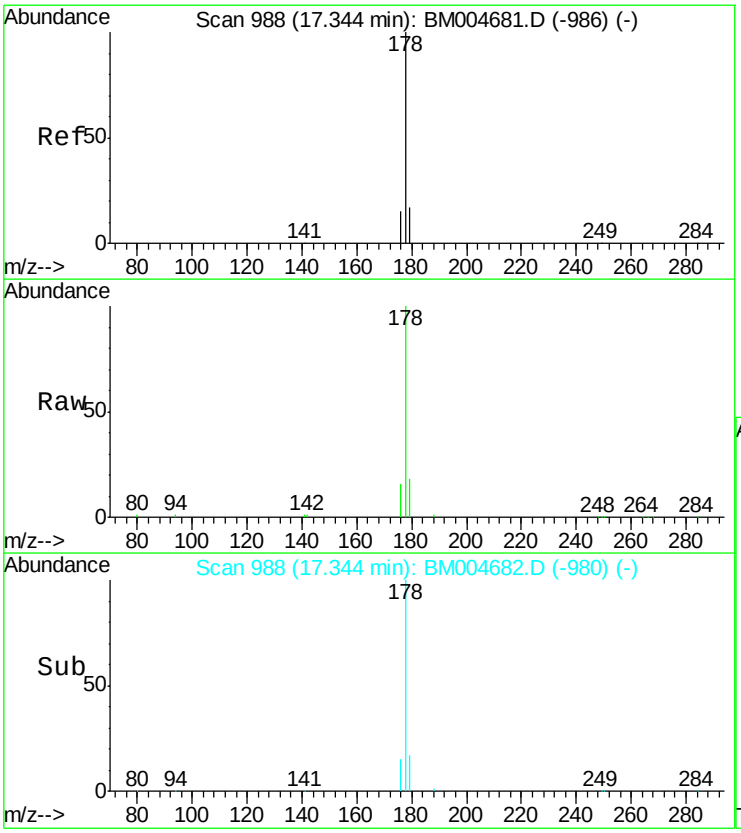
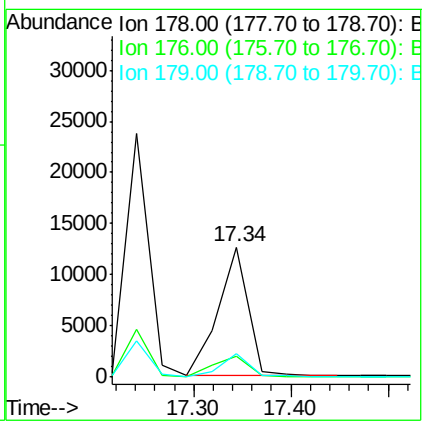
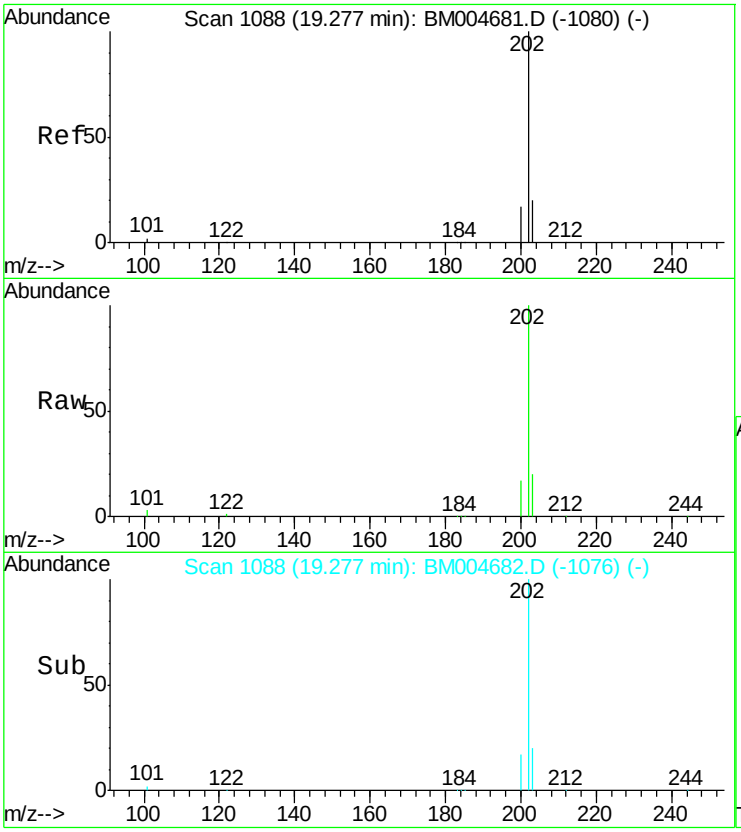


#20
Anthracene
Concen: 0.73 ng
RT: 17.34 min Scan# 988
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:178 Resp: 27006

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	15.9	12.6	18.8





#21
Fluoranthene
Concen: 0.73 ng
RT: 19.28 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:202 Resp: 35635

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
203	17.5	14.1	21.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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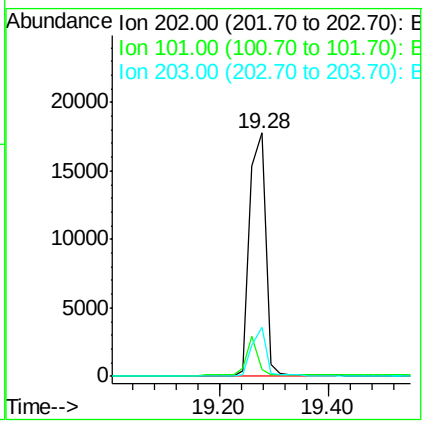
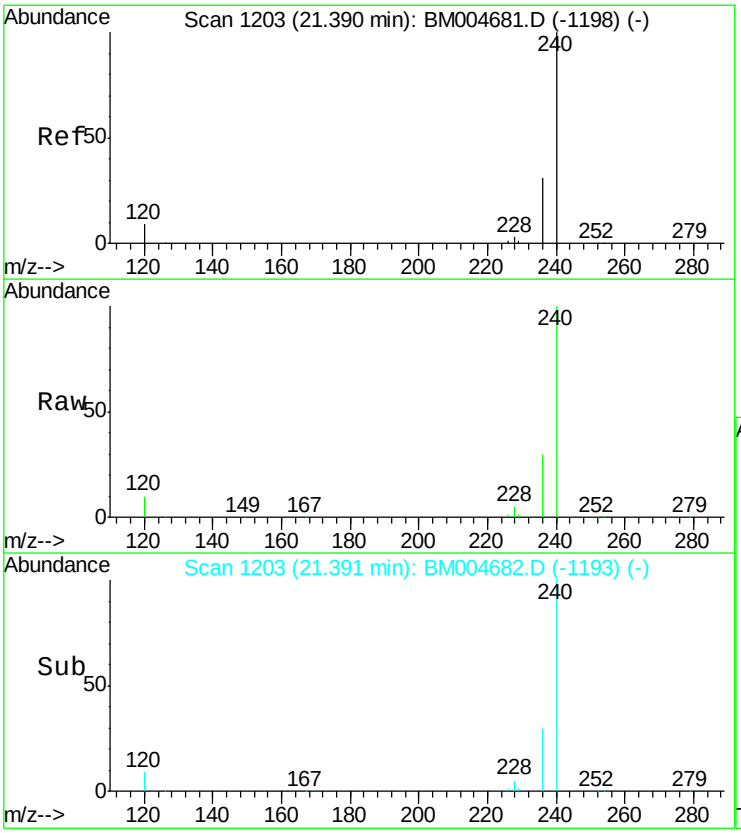
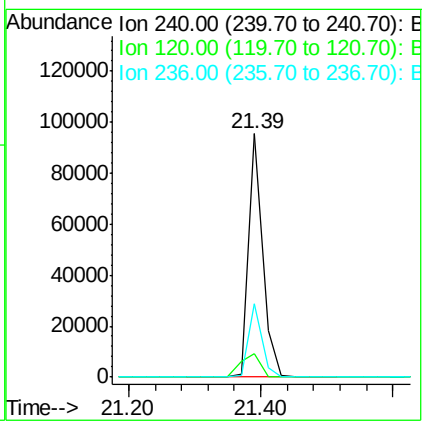


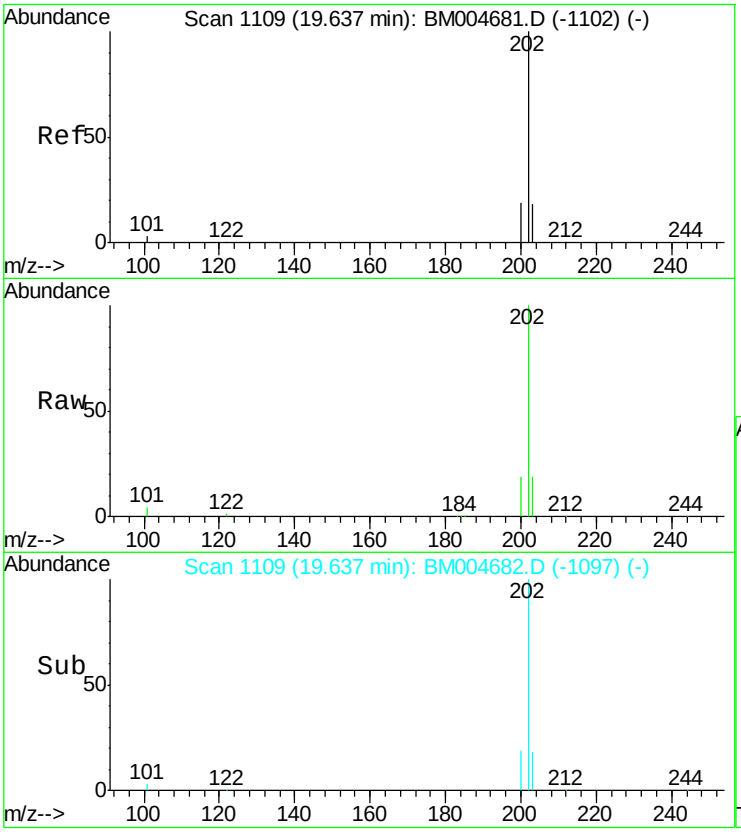


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.39 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:240 Resp: 143068

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.4	11.2
236	30.2	24.5	36.7

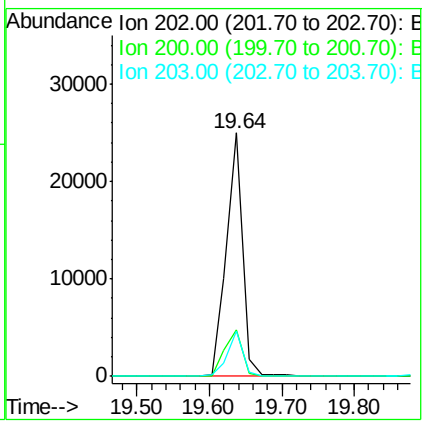




#23
Pyrene
Concen: 0.72 ng
RT: 19.64 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:202 Resp: 38024

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.5	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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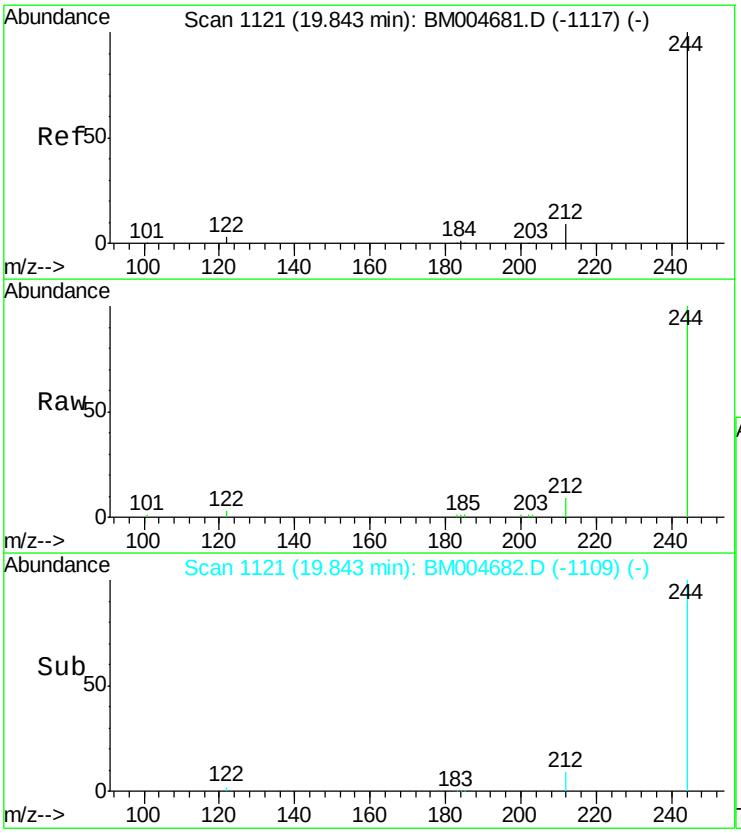
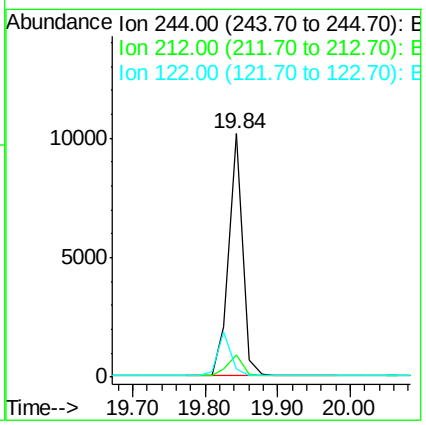
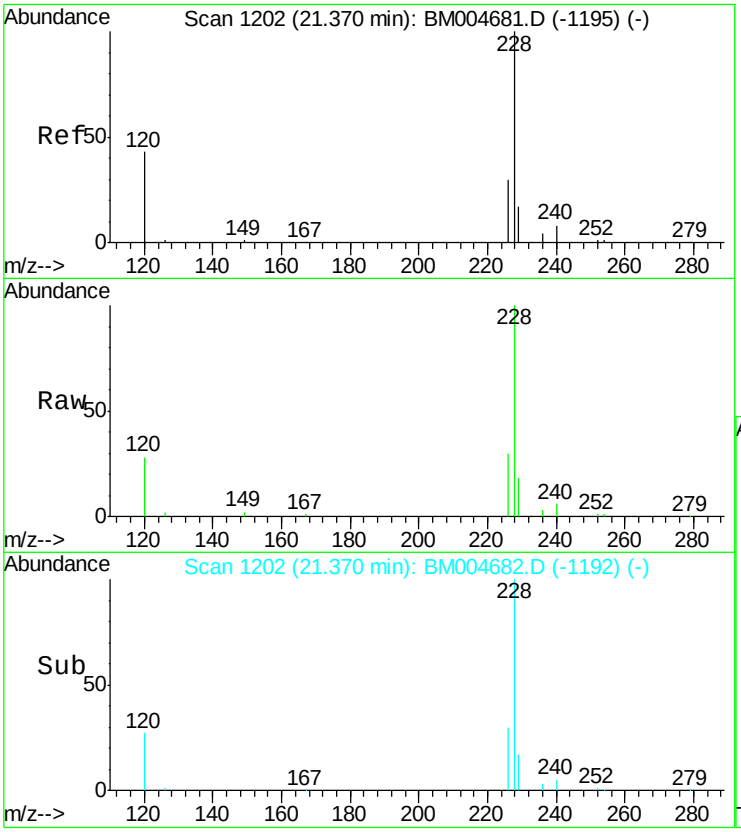


#24
Terphenyl-d14
Concen: 0.74 ng
RT: 19.84 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:244 Resp: 13343

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.7	11.5
122	3.4	3.4	5.0

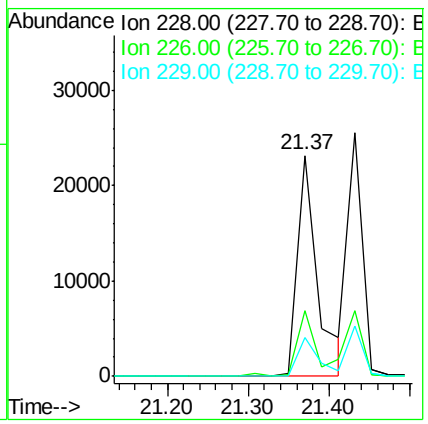




#25
Benzo(a)anthracene
Concen: 0.70 ng
RT: 21.37 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:228 Resp: 40027

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	17.7	14.2	21.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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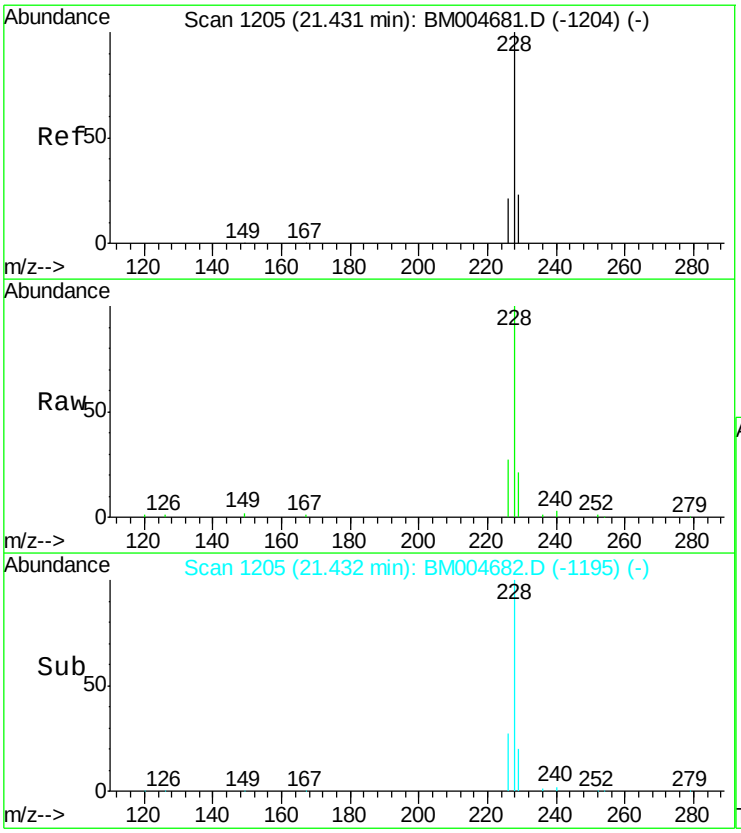
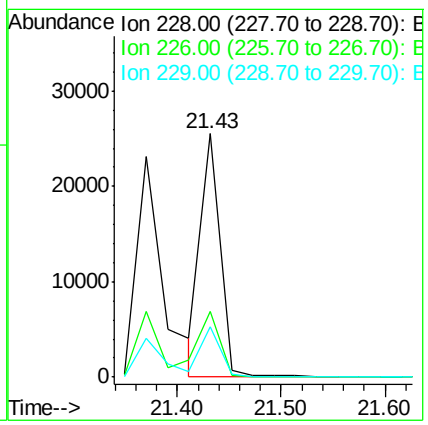
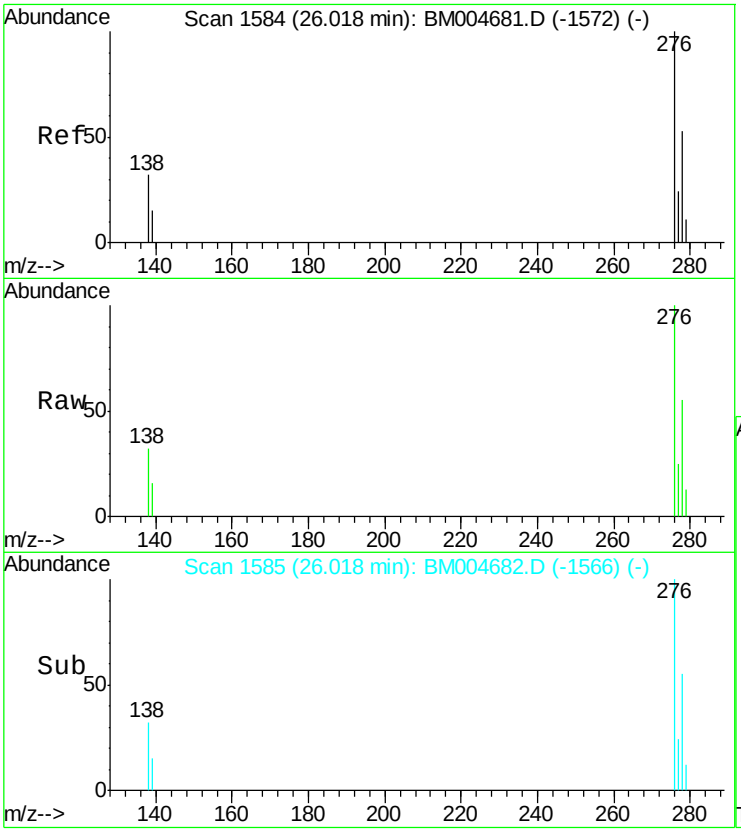


#26
Chrysene
Concen: 0.76 ng
RT: 21.43 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:228 Resp: 32397

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.9	31.3
229	20.7	17.4	26.2

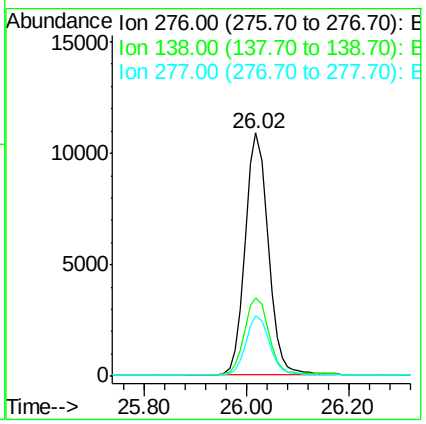




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.71 ng
RT: 26.02 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:276 Resp: 34145

Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.9	38.9
277	24.7	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
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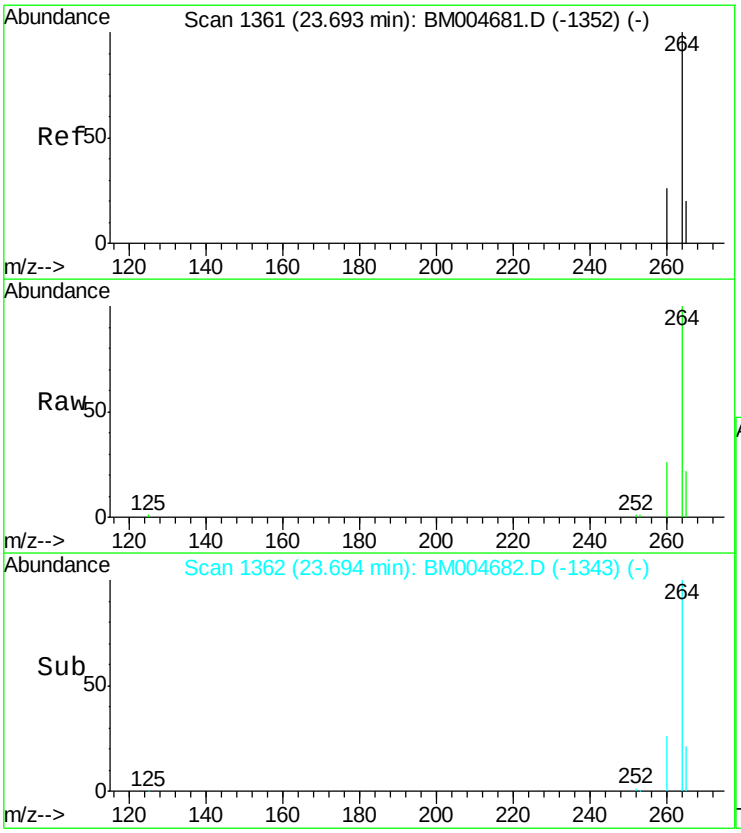
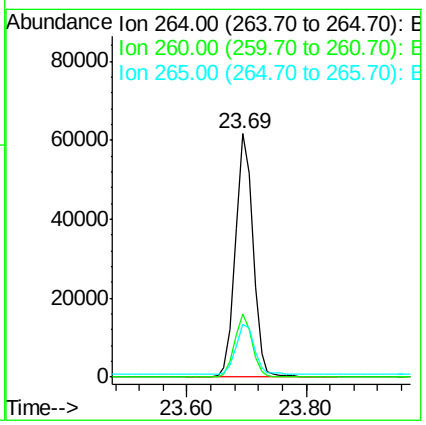
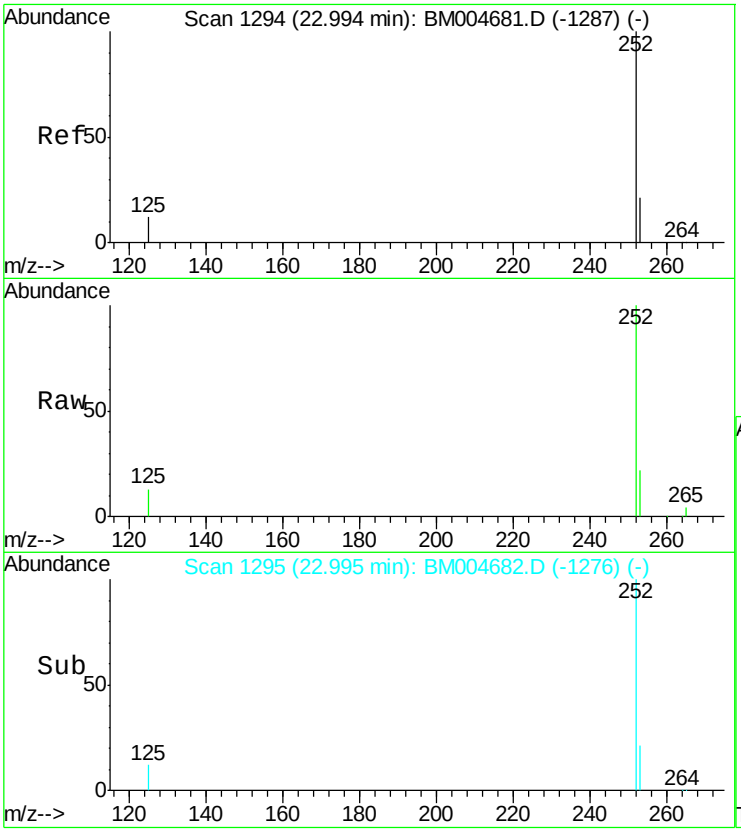


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.69 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:264 Resp: 123796

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.4
265	22.0	17.5	26.3

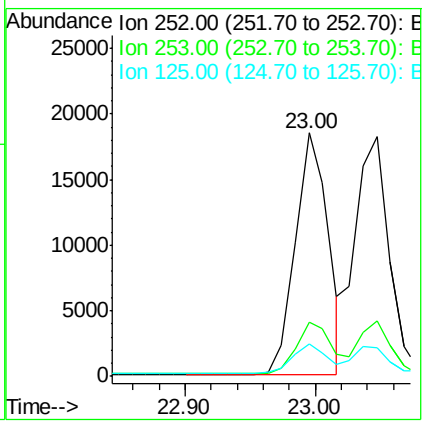




#29
Benzo(b)fluoranthene
Concen: 0.71 ng
RT: 23.00 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:252 Resp: 32088

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.3	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
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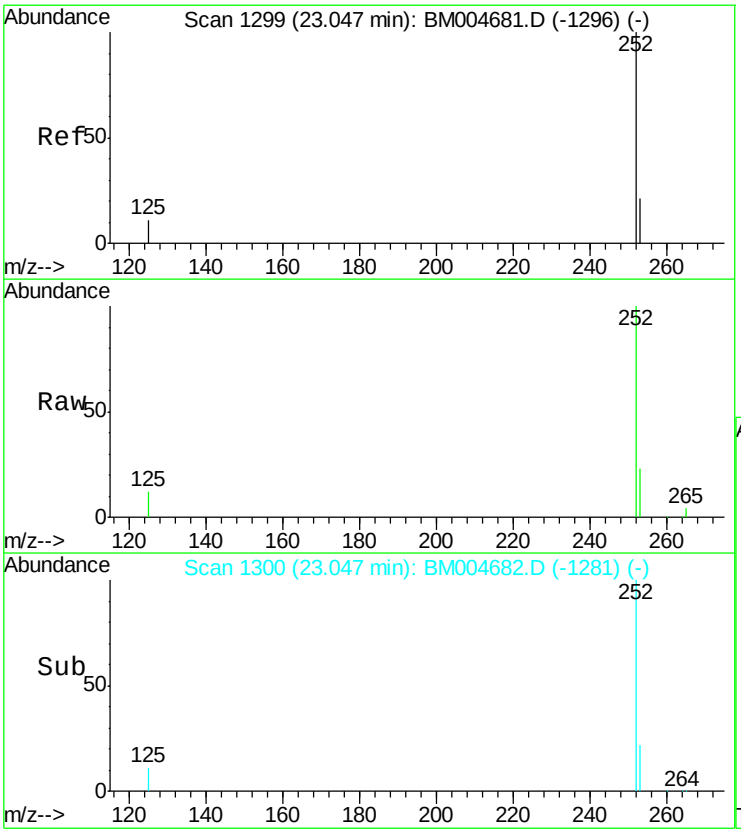
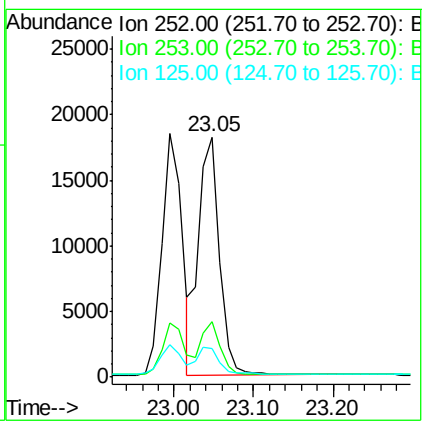
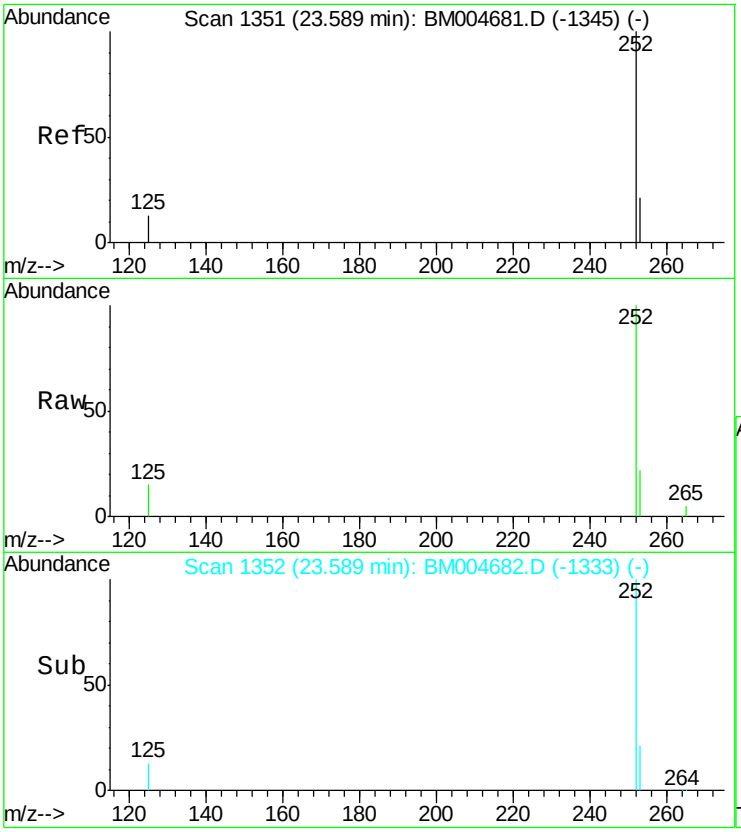


#30
Benzo(k)fluoranthene
Concen: 0.73 ng
RT: 23.05 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:252 Resp: 32875

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	12.1	10.6	15.8





#31
Benzo(a)pyrene
Concen: 0.72 ng
RT: 23.59 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:252 Resp: 30371

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	14.5	12.3	18.5

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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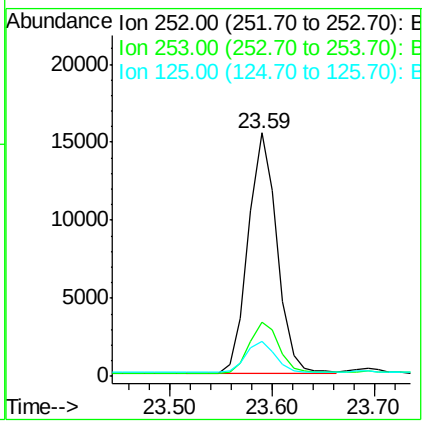
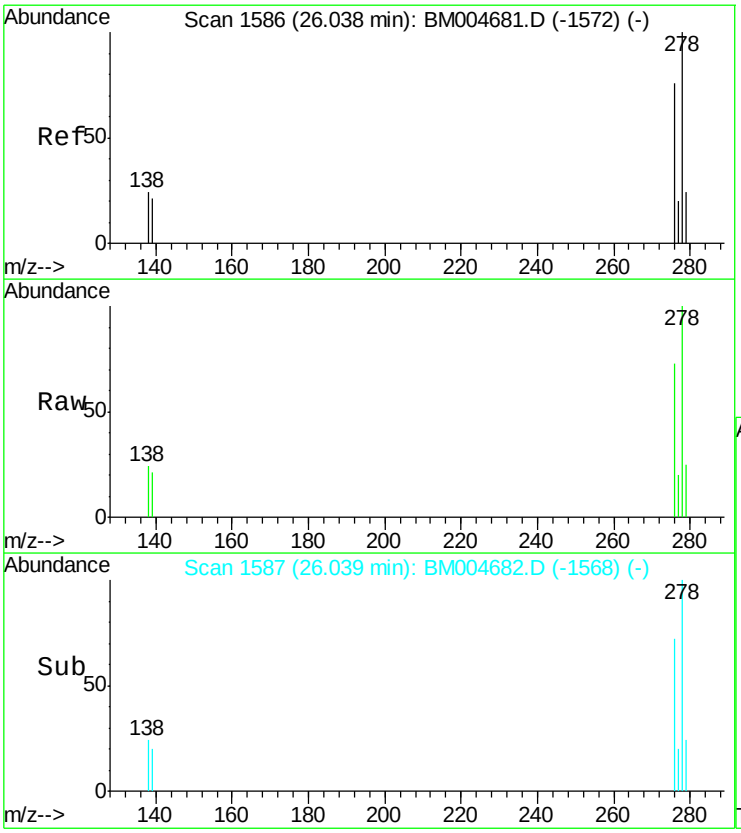
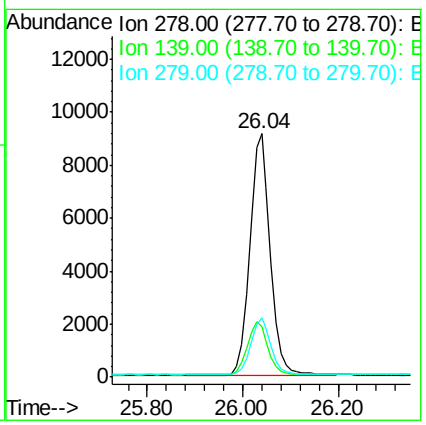


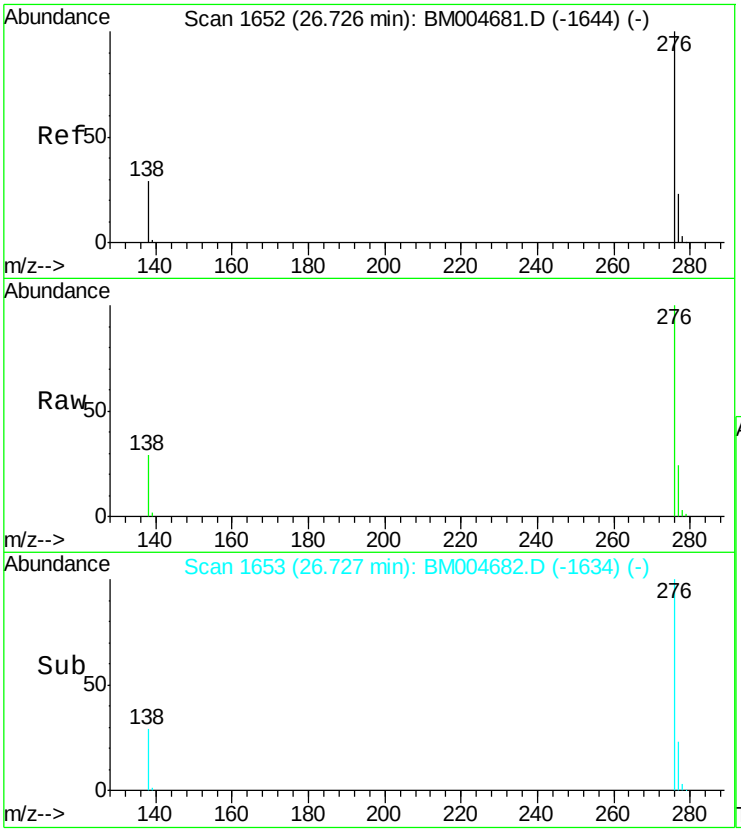


#32
Dibenzo(a,h)anthracene
Concen: 0.73 ng
RT: 26.04 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:278 Resp: 27405

Ion	Ratio	Lower	Upper
278	100		
139	20.8	17.6	26.4
279	24.6	19.9	29.9

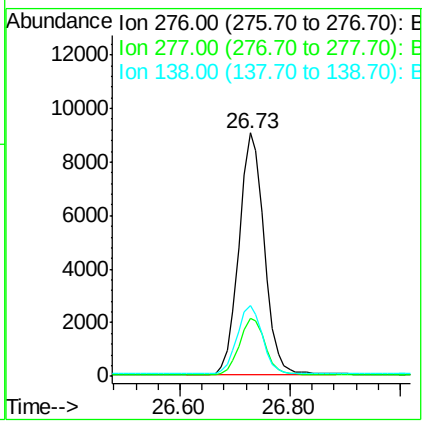




#33
Benzo(g,h,i)perylene
Concen: 0.63 ng
RT: 26.73 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM004682.D
Acq: 18 Mar 2016 14:42

Tgt Ion:276 Resp: 28974

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	29.3	24.5	36.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC0.8

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