Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
Data File : BM004684.D
Acq On : 18 Mar 2016 15:55
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC3.2

Quant Time: Mar 19 01:57:40 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	32070	5.00	ng		0.00
6) Naphthalene-d8	10.63	136	135472	5.00	ng		0.00
10) Acenaphthene-d10	14.46	164	72377	5.00	ng		0.00
16) Phenanthrene-d10	17.22	188	124280	5.00	ng		0.00
22) Chrysene-d12	21.39	240	136422	5.00	ng		0.00
28) Perylene-d12	23.69	264	115221	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	23757	3.21	ng		0.00
5) Phenol-d6	6.99	99	29514	3.26	ng		0.00
7) Nitrobenzene-d5	8.99	82	21276	3.26	ng		0.00
11) 2,4,6-Tribromophenol	15.95	330	8003	3.36	ng		0.00
12) 2-Fluorobiphenyl	13.09	172	67971	3.28	ng		0.00
24) Terphenyl-d14	19.84	244	56263	3.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	9048	2.86	ng		92
3) n-Nitrosodimethylamine	3.66	42	10599	3.20	ng		97
8) Naphthalene	10.66	128	112911	3.03	ng		98
9) 2-Methylnaphthalene	12.29	142	75452	3.23	ng		99
13) Acenaphthylene	14.17	152	127618	3.43	ng		100
14) Acenaphthene	14.53	154	78889	3.20	ng		99
15) Fluorene	15.50	166	89244	3.23	ng	#	67
17) Hexachlorobenzene	16.53	284	25752	3.36	ng	#	100
18) Pentachlorophenol	16.86	266	14929	3.56	ng		98
19) Phenanthrene	17.24	178	163900	3.29	ng		100
20) Anthracene	17.34	178	120257	3.38	ng		100
21) Fluoranthene	19.26	202	155714	3.30	ng		99
23) Pyrene	19.64	202	163541	3.27	ng		99
25) Benzo(a)anthracene	21.37	228	181456	3.33	ng		99
26) Chrysene	21.43	228	126026	3.09	ng		99
27) Indeno(1,2,3-cd)pyrene	26.02	276	145018	3.18	ng		99
29) Benzo(b)fluoranthene	22.99	252	136954	3.27	ng		96
30) Benzo(k)fluoranthene	23.05	252	137726	3.31	ng		96
31) Benzo(a)pyrene	23.59	252	128801	3.28	ng		96
32) Dibenzo(a,h)anthracene	26.04	278	116698	3.32	ng		97
33) Benzo(g,h,i)perylene	26.73	276	122124	2.84	ng		97

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

Quantitation Report (Not Reviewed)

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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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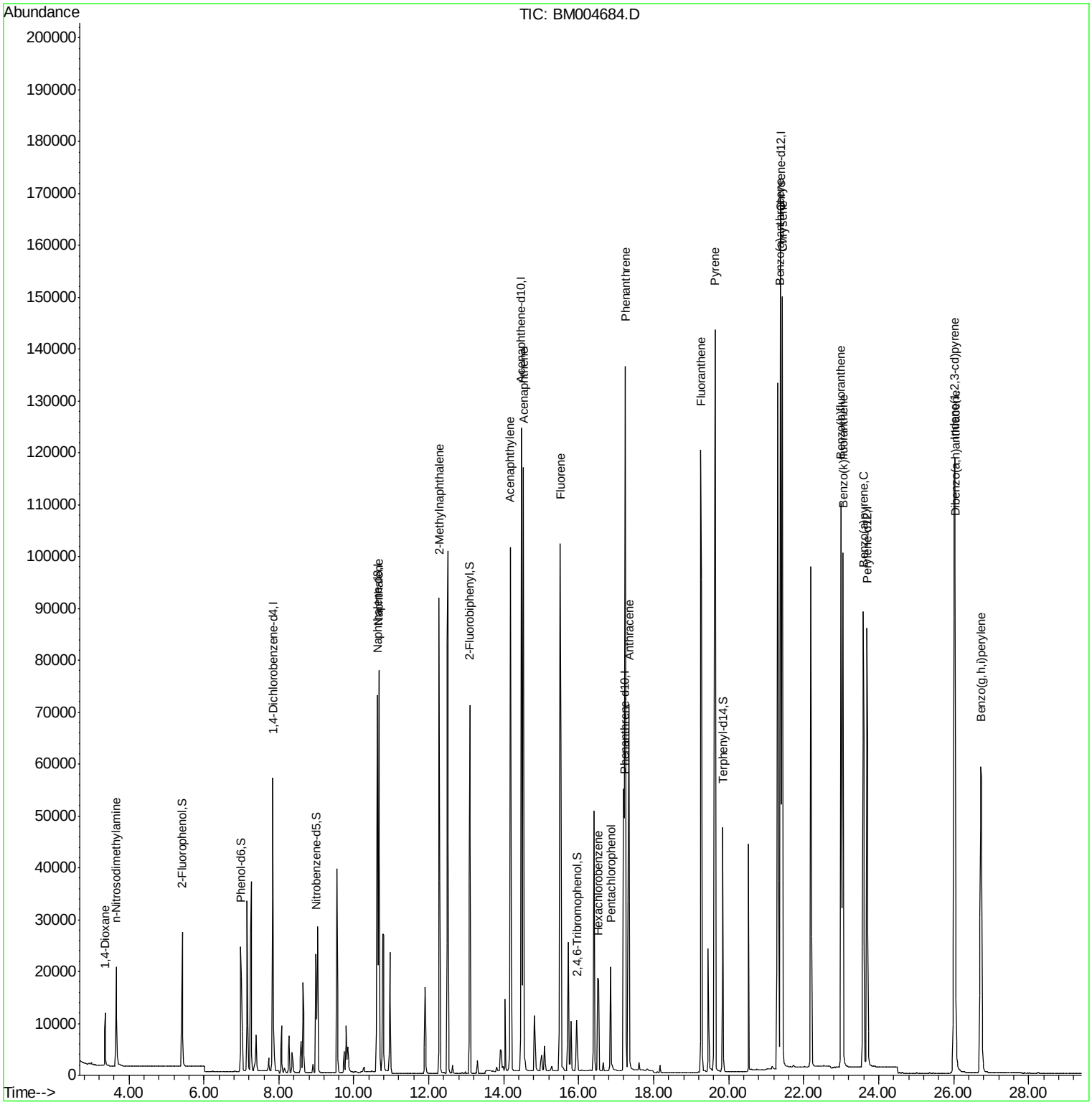
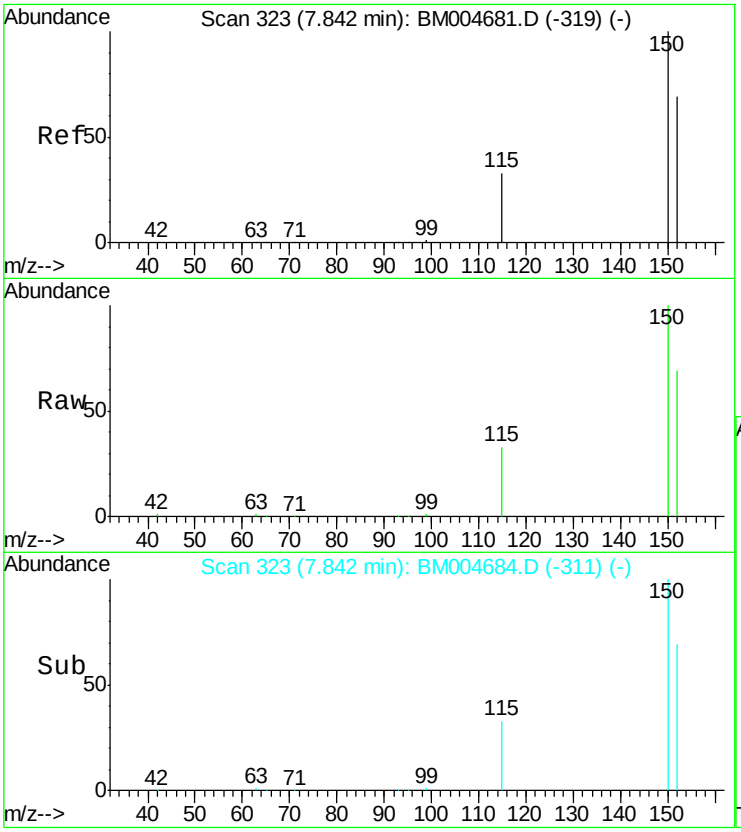


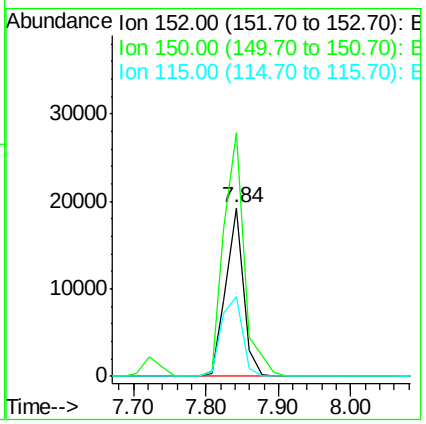


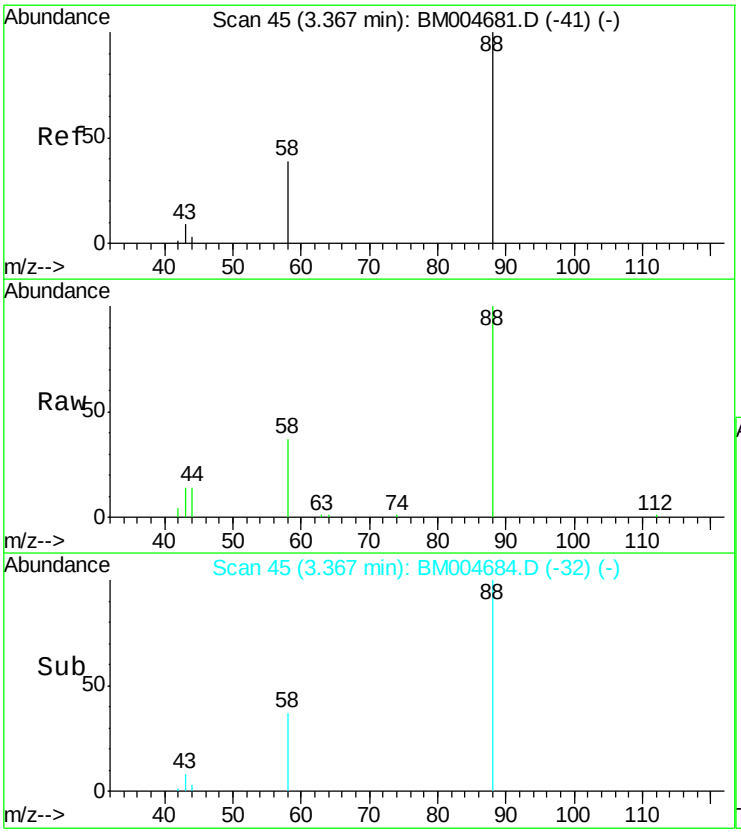
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 32070

Ion	Ratio	Lower	Upper
152	100		
150	144.8	115.9	173.9
115	47.5	38.4	57.6

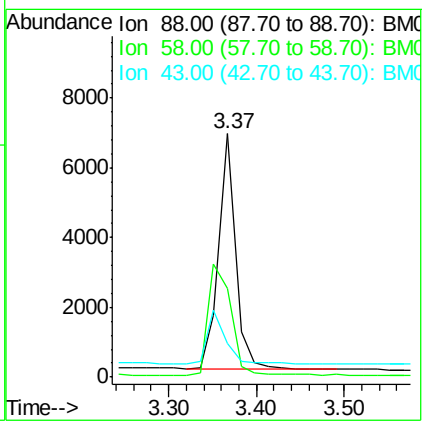


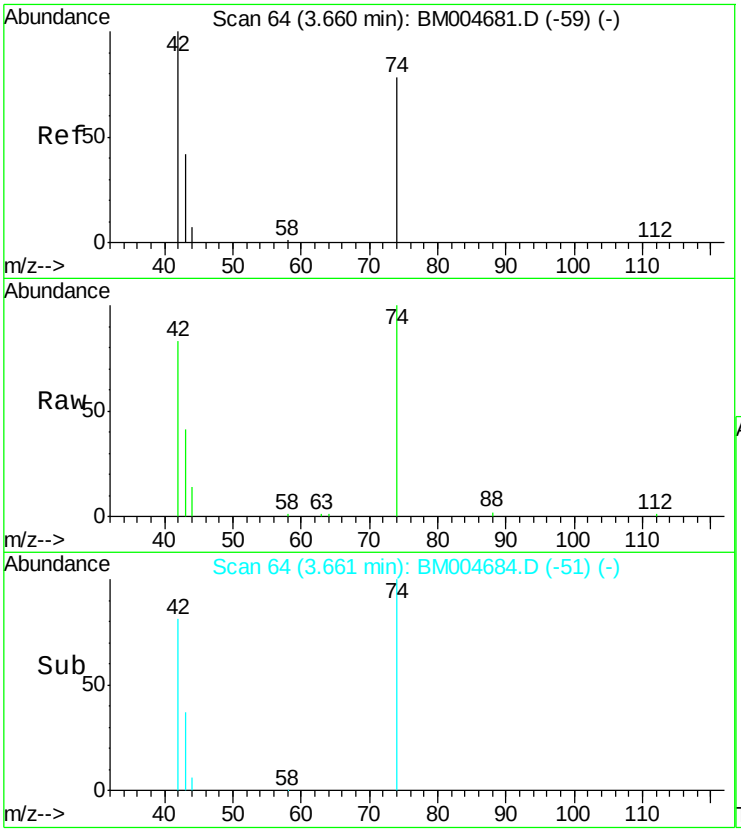


#2
1,4-Dioxane
Concen: 2.86 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion: 88 Resp: 9048

Ion	Ratio	Lower	Upper
88	100		
58	62.4	43.9	65.9
43	24.0	19.9	29.9



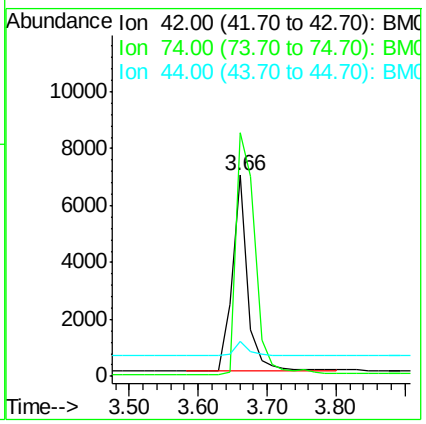


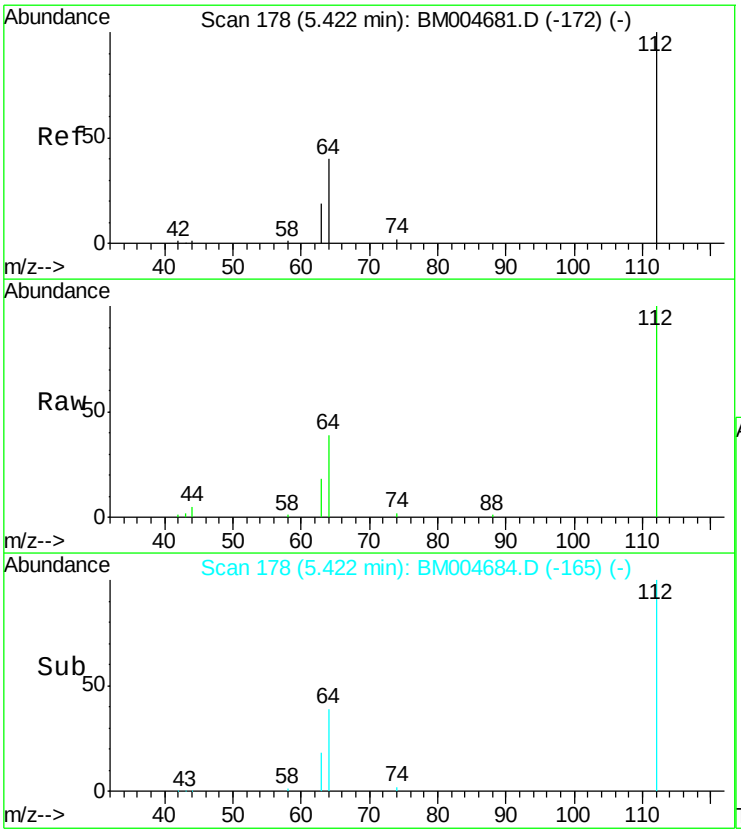
#3
n-Nitrosodimethylamine
Concen: 3.20 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 10599

Ion	Ratio	Lower	Upper
42	100		
74	155.3	120.9	181.3
44	7.3	6.0	9.0

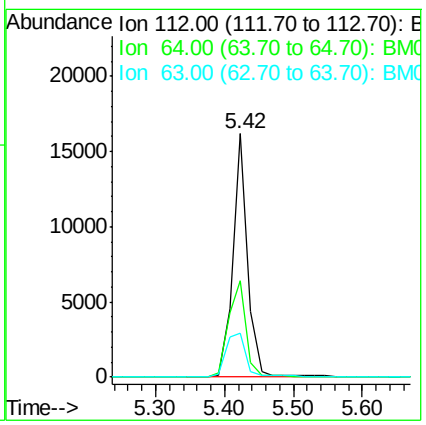


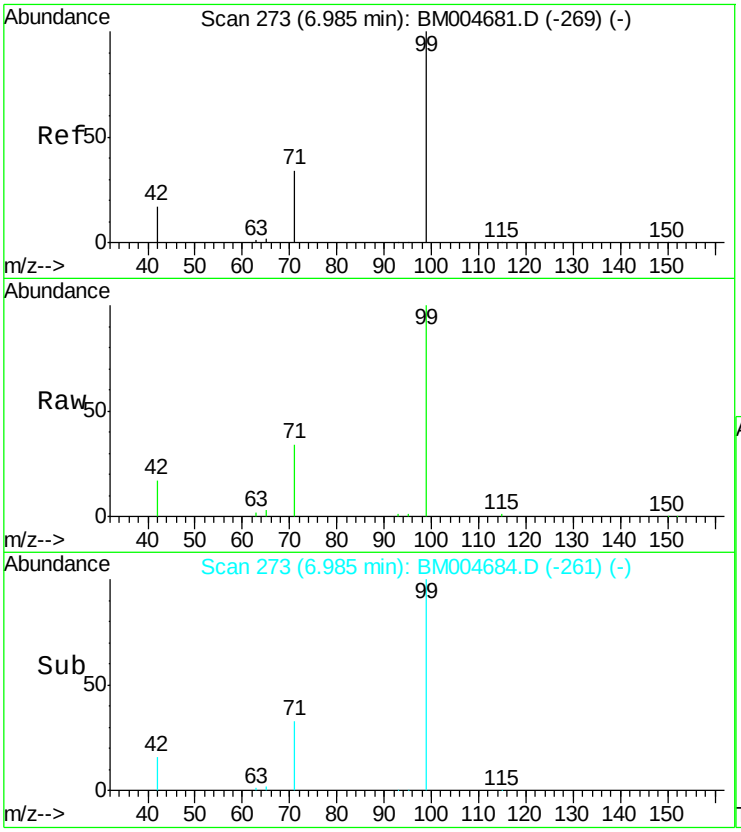


#4
2-Fluorophenol
Concen: 3.21 ng
RT: 5.42 min Scan# 178
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:112 Resp: 23757

Ion	Ratio	Lower	Upper
112	100		
64	46.3	37.0	55.6
63	23.7	19.3	28.9



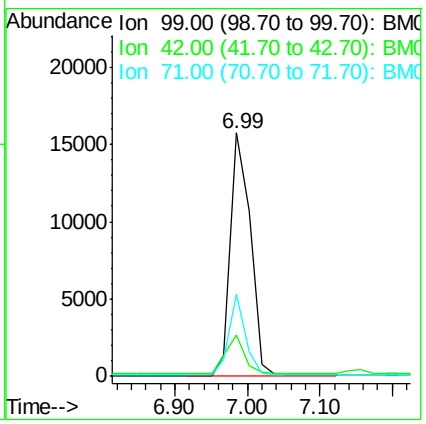


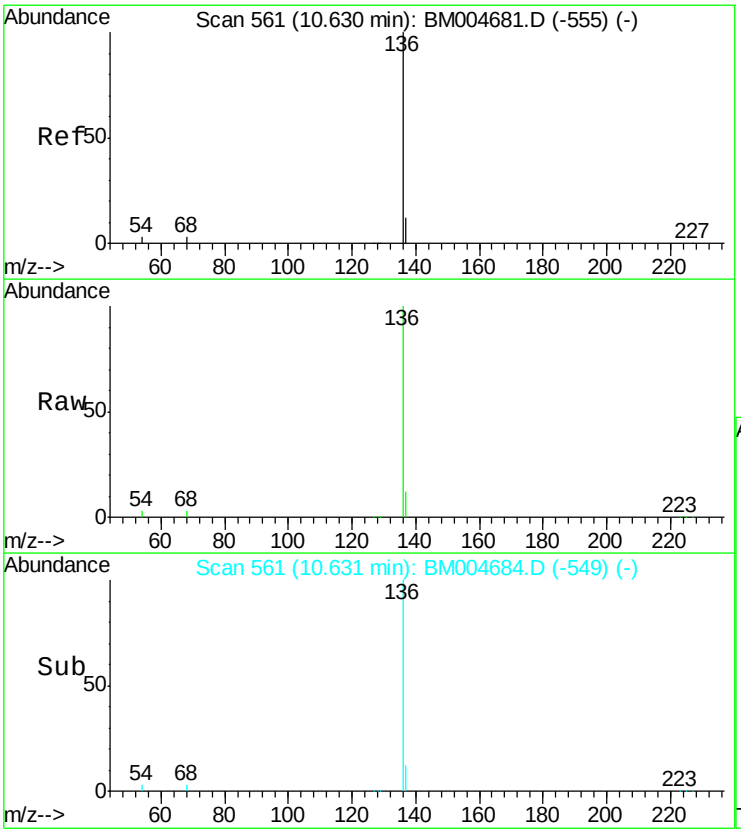
#5
Phenol-d6
Concen: 3.26 ng
RT: 6.99 min Scan# 273
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 29514

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.7	19.1
71	27.9	22.9	34.3

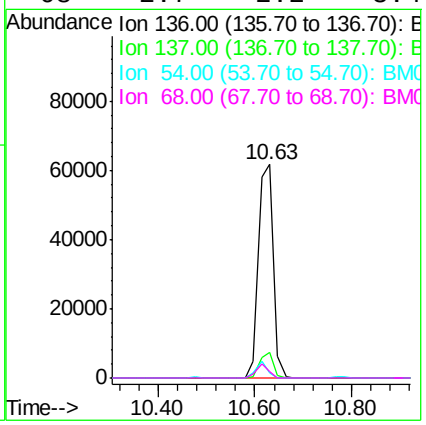


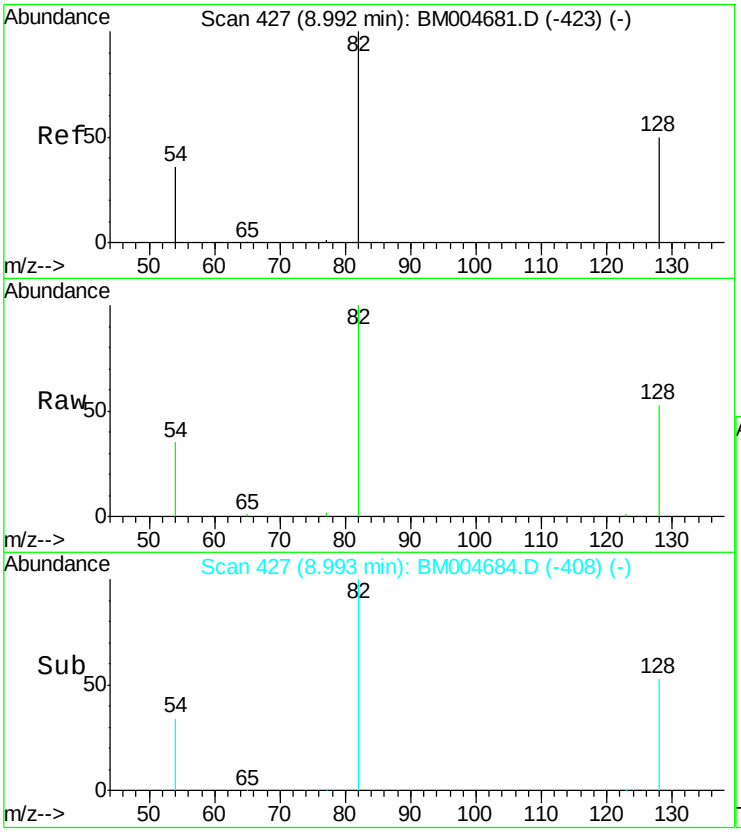


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.63 min Scan# 561
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:136 Resp: 135472

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



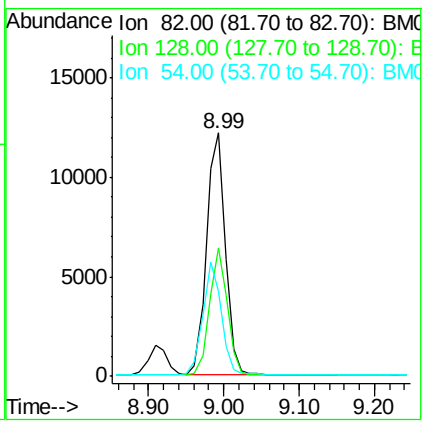


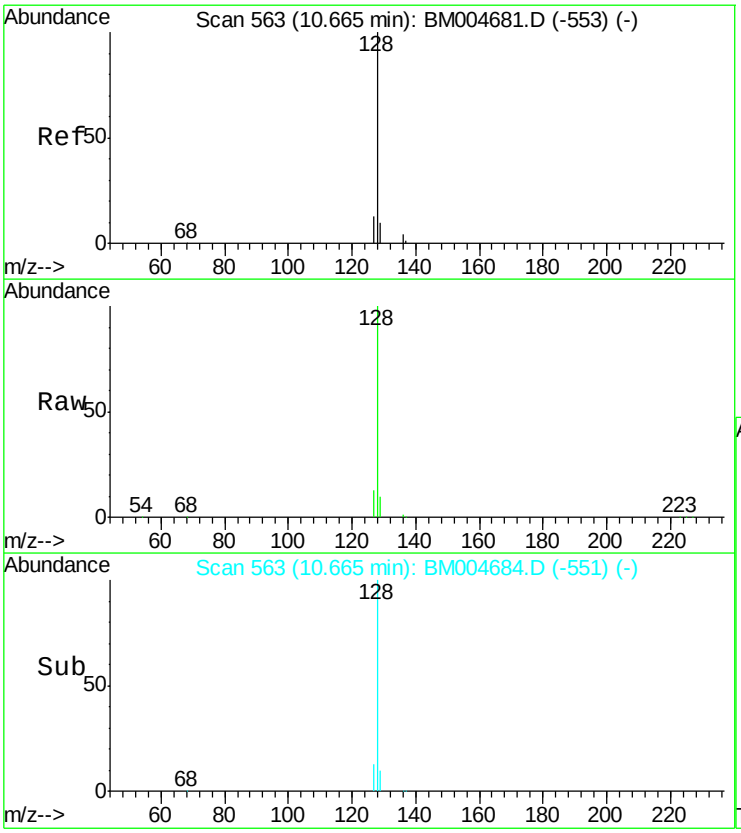
#7
Nitrobenzene-d5
Concen: 3.26 ng
RT: 8.99 min Scan# 427
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion: 82 Resp: 21276

Ion	Ratio	Lower	Upper
82	100		
128	52.9	41.8	62.8
54	35.0	32.9	49.3

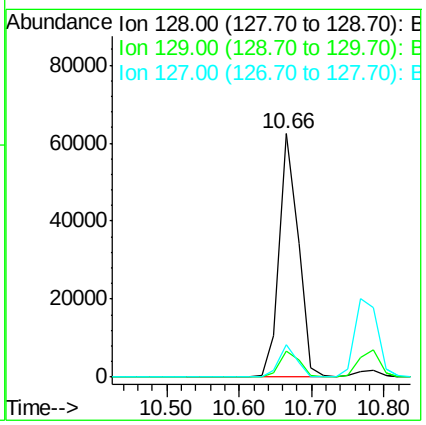


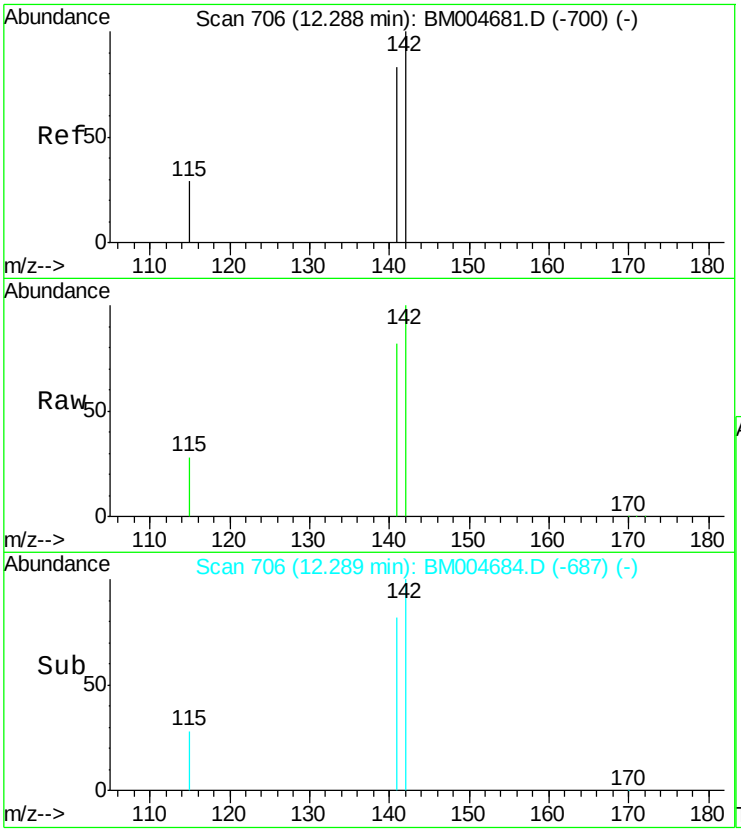


#8
Naphthalene
Concen: 3.03 ng
RT: 10.66 min Scan# 563
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:128 Resp: 112911

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	13.5	11.3	16.9



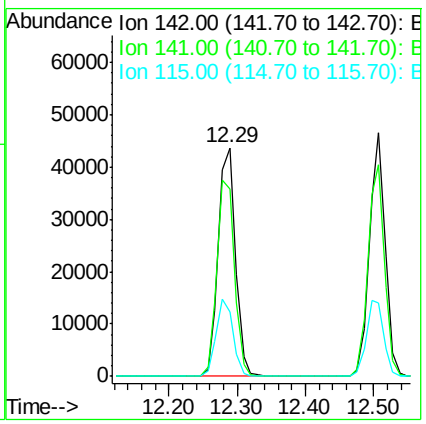


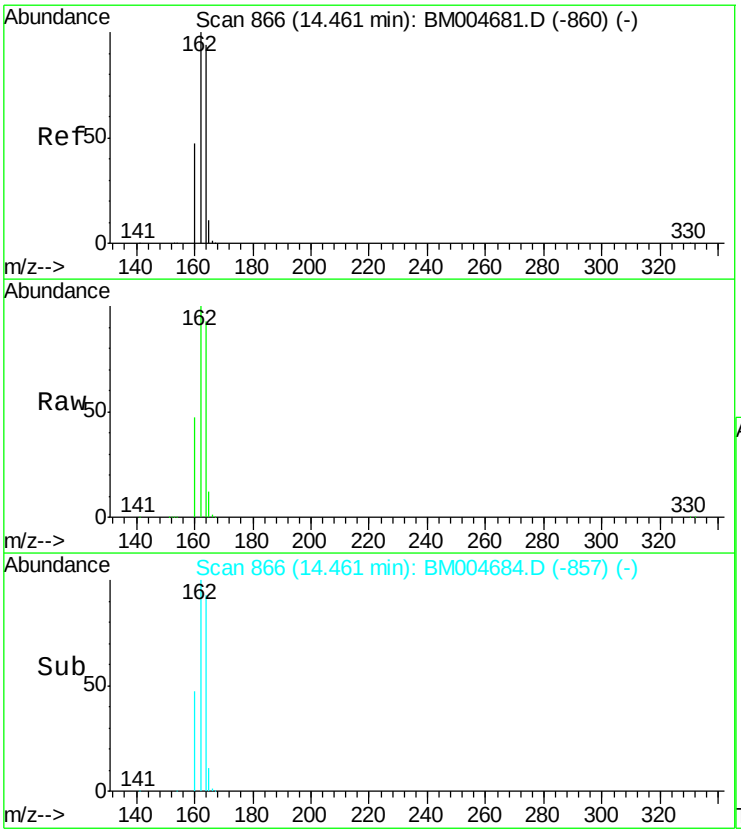
#9
2-Methylnaphthalene
Concen: 3.23 ng
RT: 12.29 min Scan# 706
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:142 Resp: 75452

Ion	Ratio	Lower	Upper
142	100		
141	82.2	66.2	99.2
115	27.9	23.8	35.8

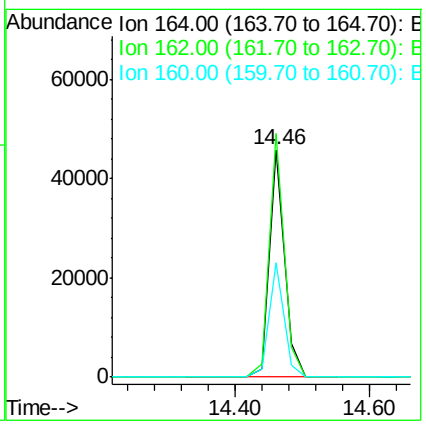


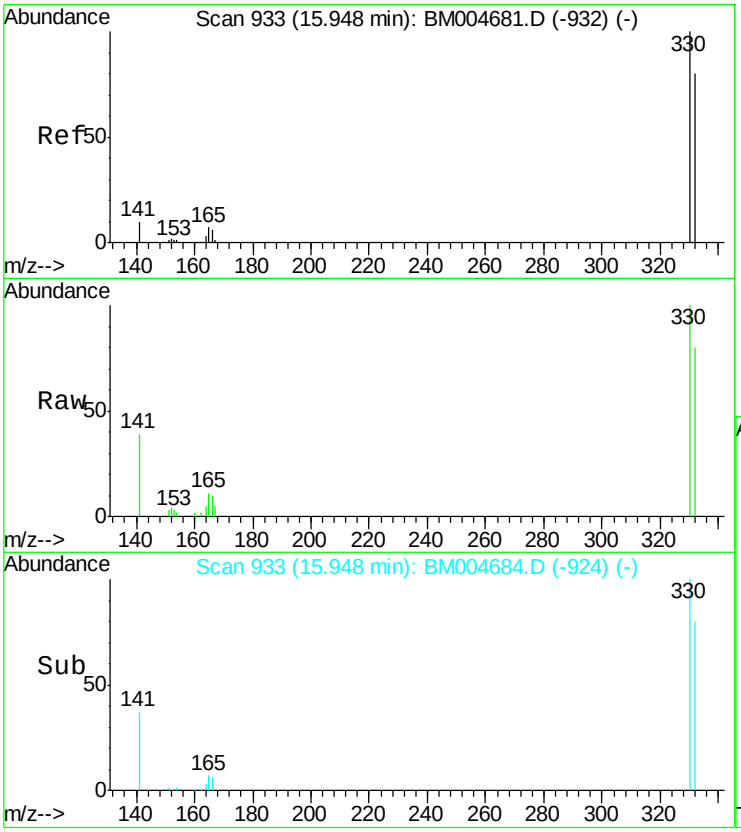


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.46 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:164 Resp: 72377

Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.4	128.0
160	50.5	40.2	60.2



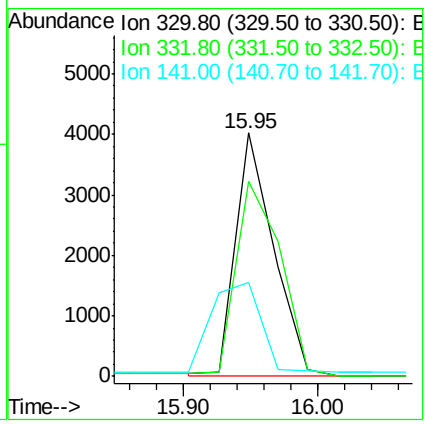


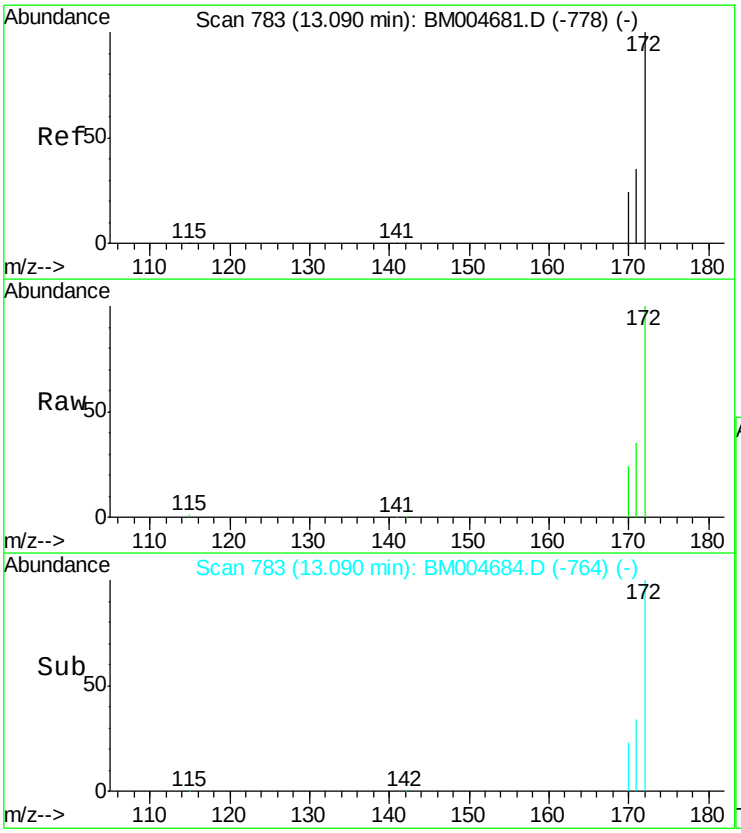
#11
2,4,6-Tribromophenol
Concen: 3.36 ng
RT: 15.95 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:330 Resp: 8003

Ion	Ratio	Lower	Upper
330	100		
332	93.7	93.9	140.9#
141	49.0	42.2	63.2

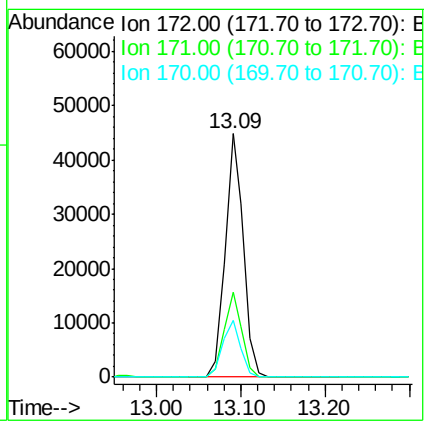


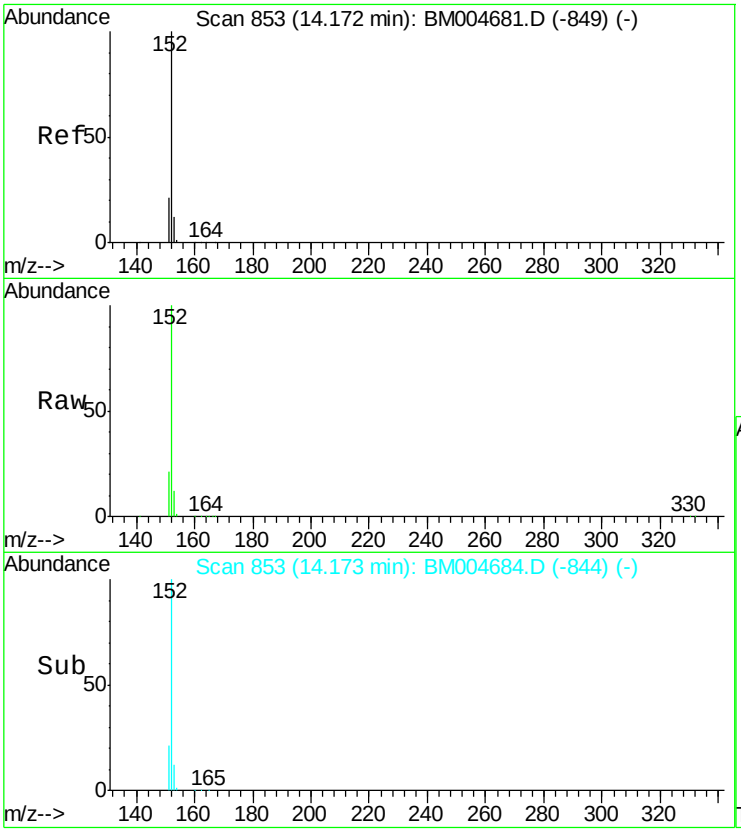


#12
2-Fluorobiphenyl
Concen: 3.28 ng
RT: 13.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:172 Resp: 67971

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.5	19.4	29.2



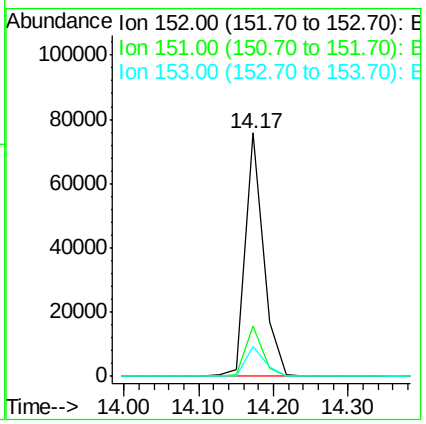


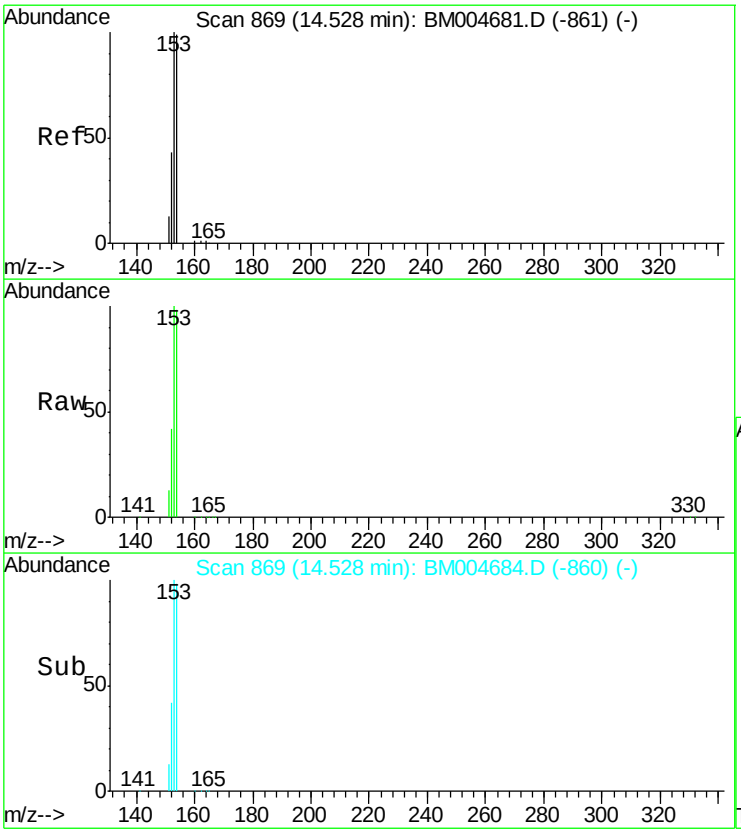
#13
Acenaphthylene
Concen: 3.43 ng
RT: 14.17 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 127618

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.8	10.2	15.2

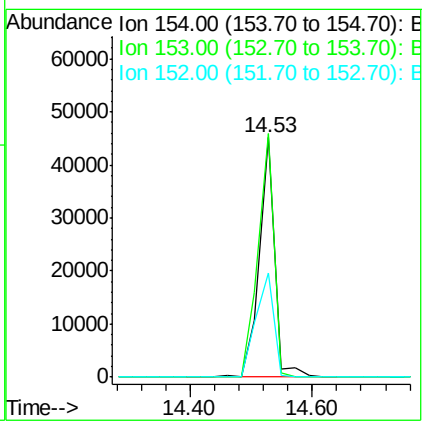


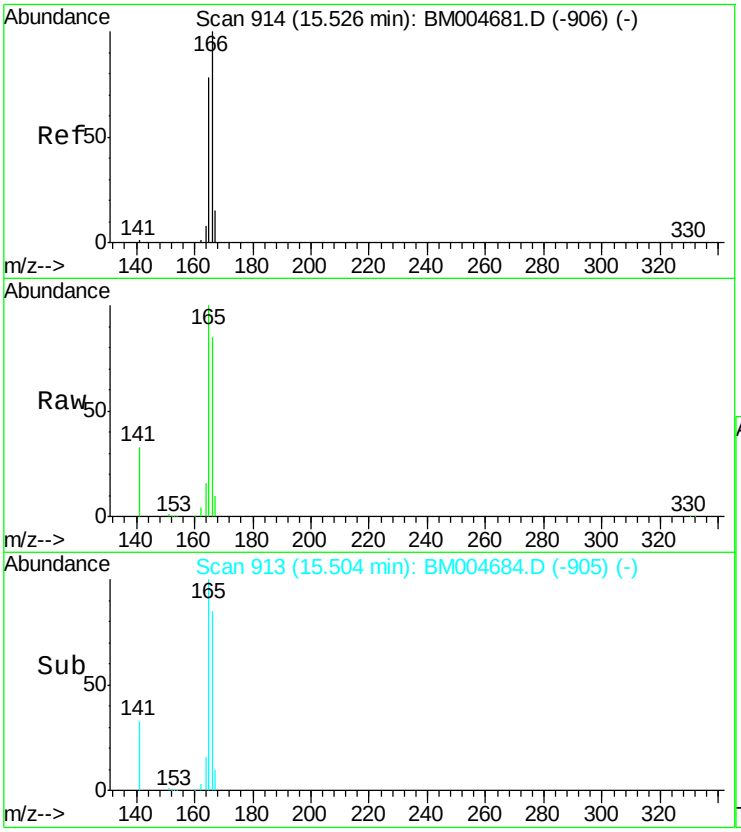


#14
Acenaphthene
Concen: 3.20 ng
RT: 14.53 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:154 Resp: 78889

Ion	Ratio	Lower	Upper
154	100		
153	105.6	83.8	125.6
152	50.5	40.3	60.5



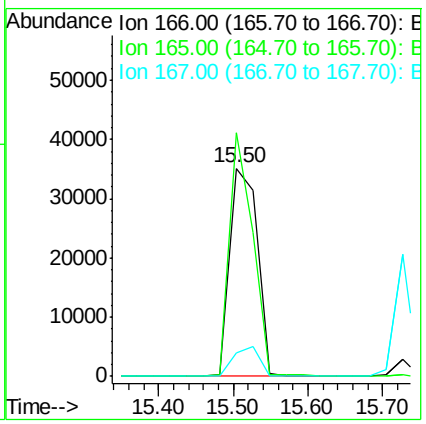


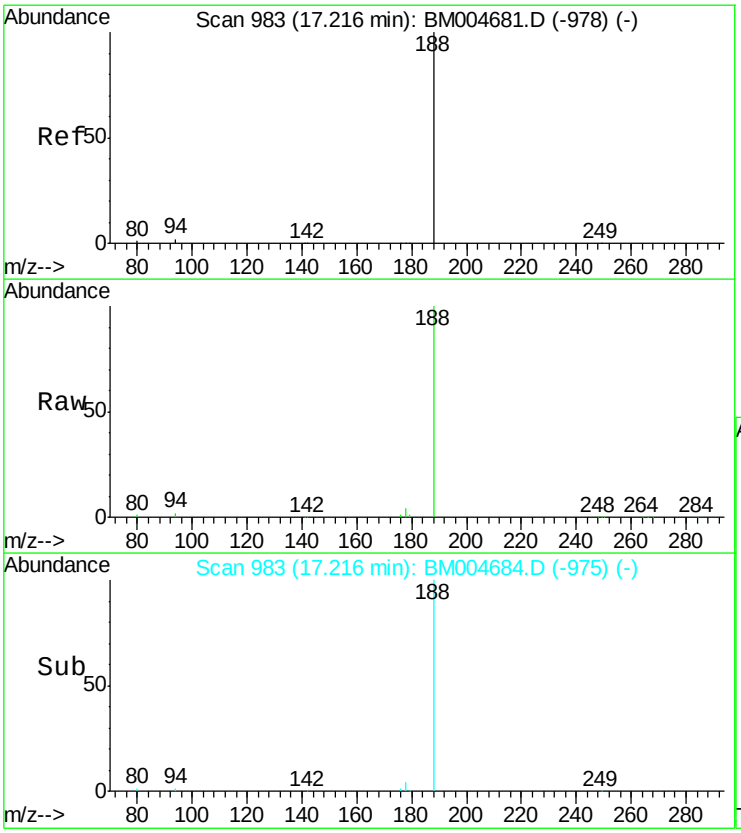
#15
Fluorene
Concen: 3.23 ng
RT: 15.50 min Scan# 913
Delta R.T. -0.02 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:166 Resp: 89244

Ion	Ratio	Lower	Upper
166	100		
165	98.7	0.0	0.0#
167	0.0	10.6	15.8#

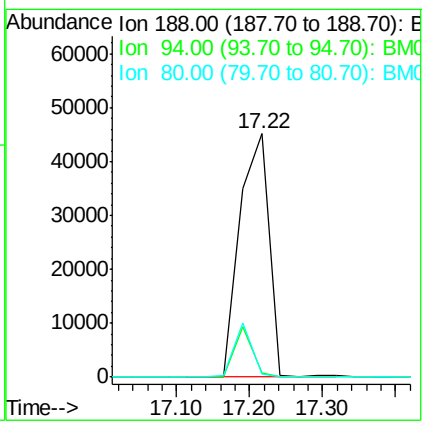


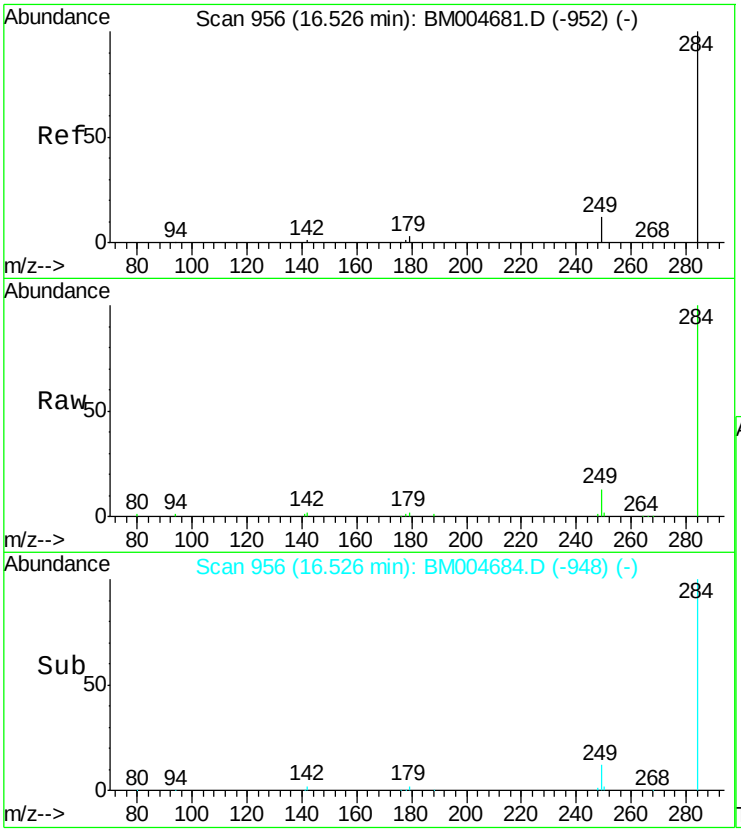


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.22 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:188 Resp: 124280

Ion	Ratio	Lower	Upper
188	100		
94	1.6	1.4	2.0
80	1.2	1.0	1.6



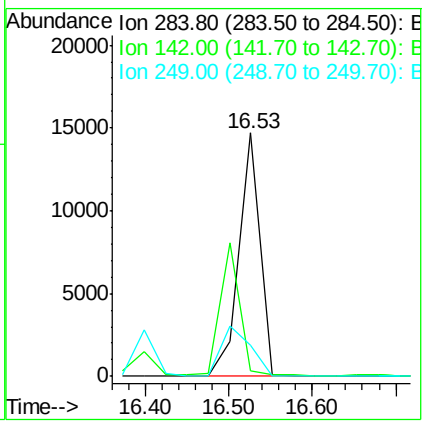


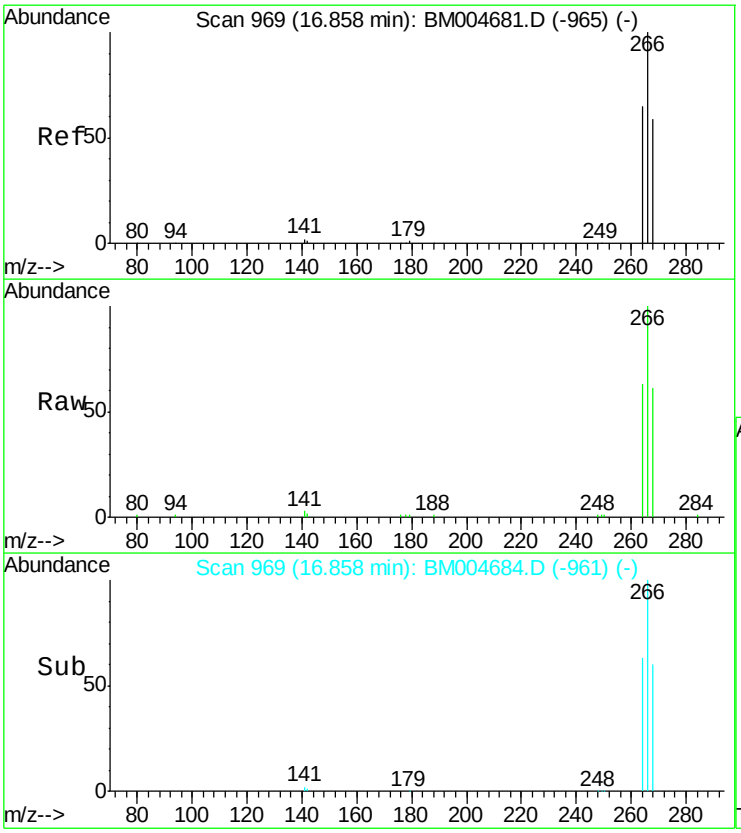
#17
Hexachlorobenzene
Concen: 3.36 ng
RT: 16.53 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 25752

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

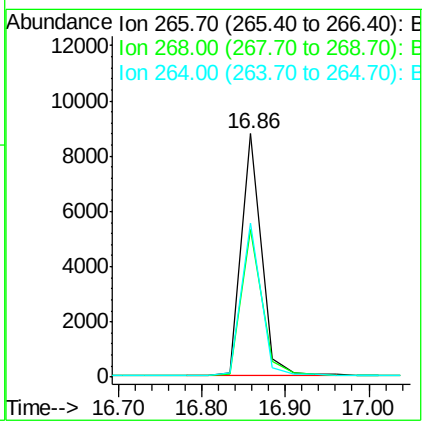


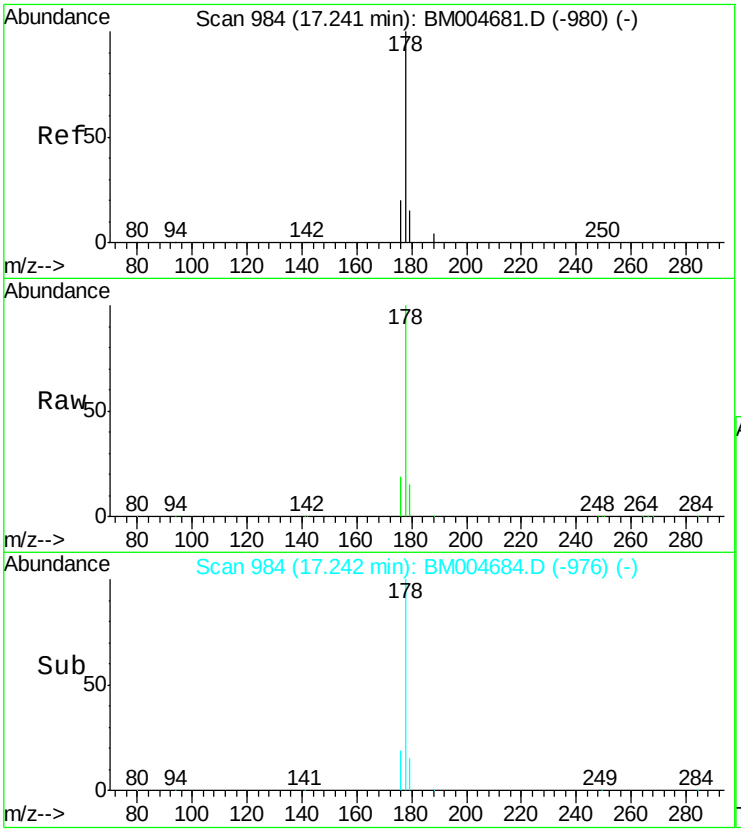


#18
Pentachlorophenol
Concen: 3.56 ng
RT: 16.86 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:266 Resp: 14929

Ion	Ratio	Lower	Upper
266	100		
268	60.6	49.1	73.7
264	63.1	52.9	79.3



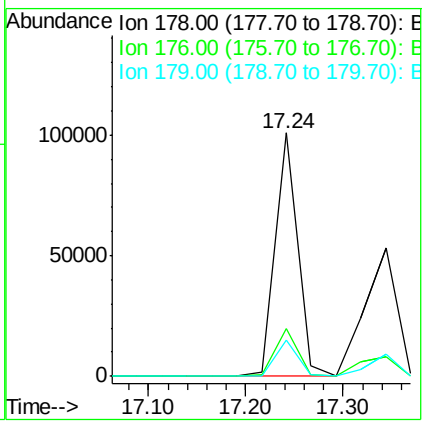


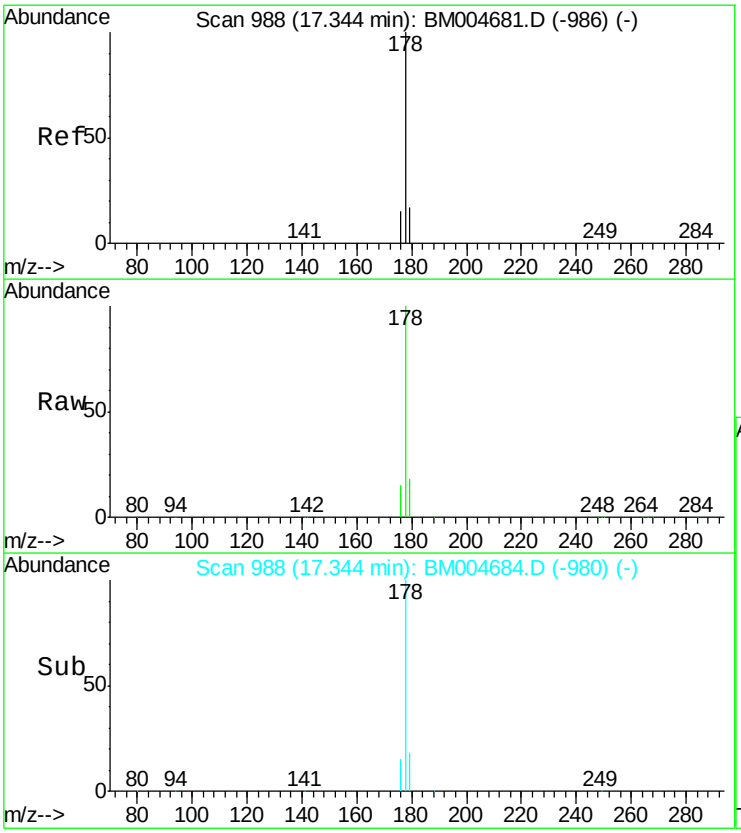
#19
Phenanthrene
Concen: 3.29 ng
RT: 17.24 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 163900

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.2	18.4

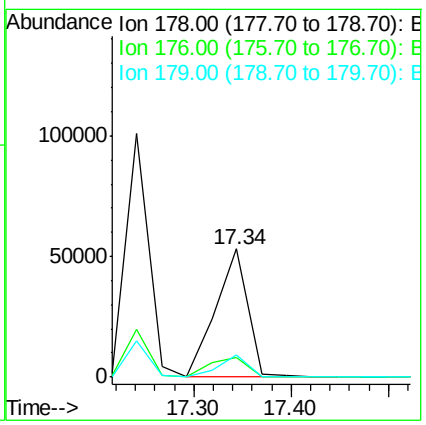


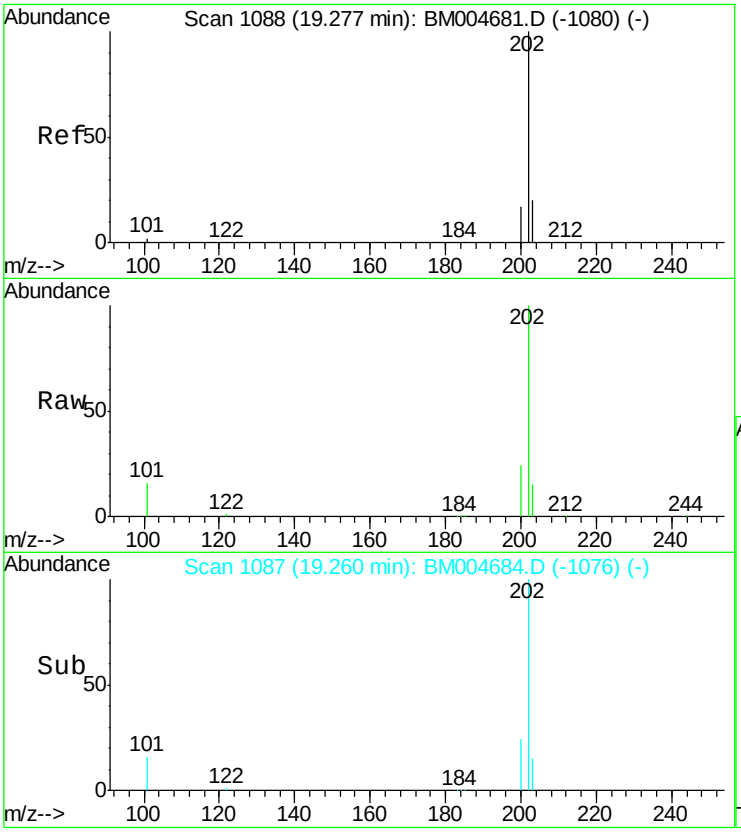


#20
Anthracene
Concen: 3.38 ng
RT: 17.34 min Scan# 988
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:178 Resp: 120257

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.8	12.6	18.8



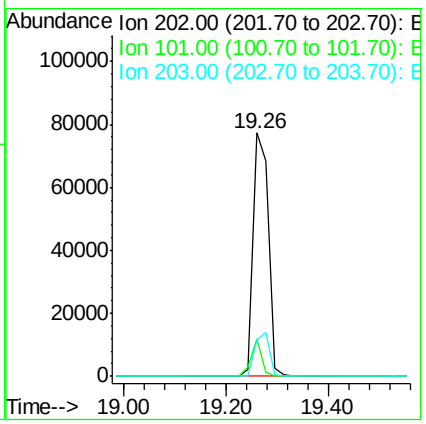


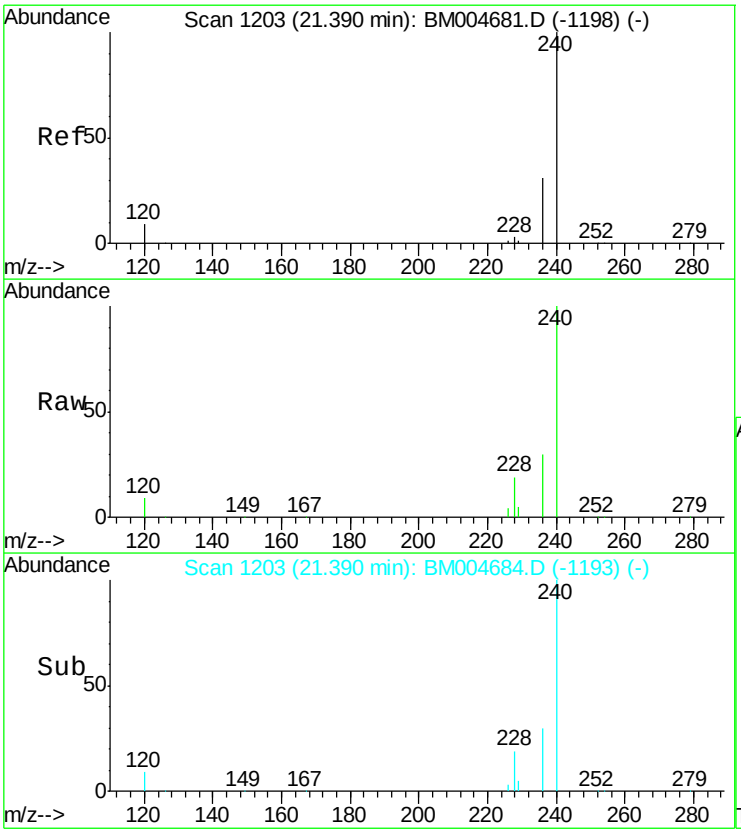
#21
Fluoranthene
Concen: 3.30 ng
RT: 19.26 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 155714

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.7	13.1
203	17.2	14.1	21.1

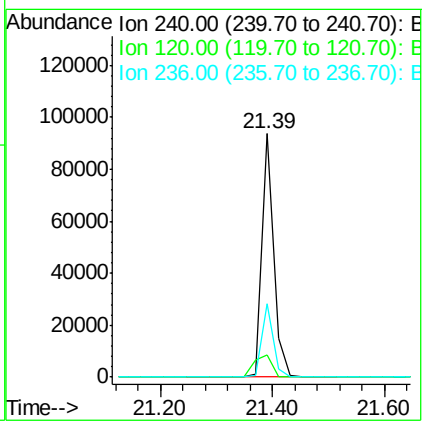


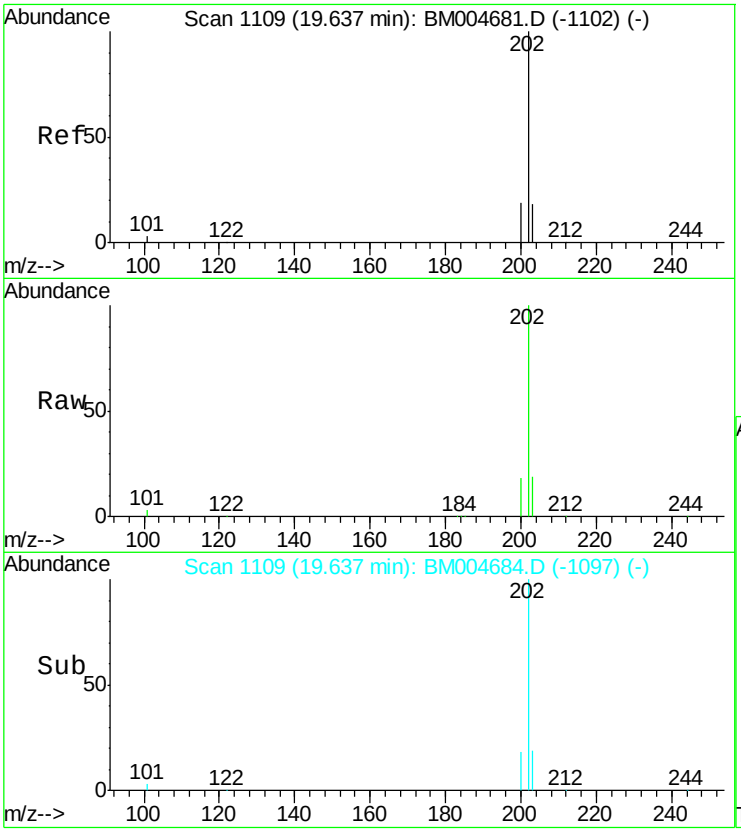


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.39 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:240 Resp: 136422

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.4	11.2
236	30.2	24.5	36.7



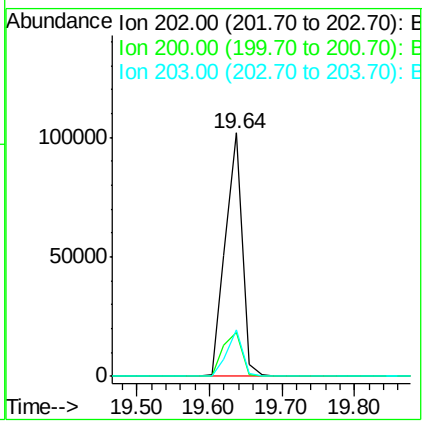


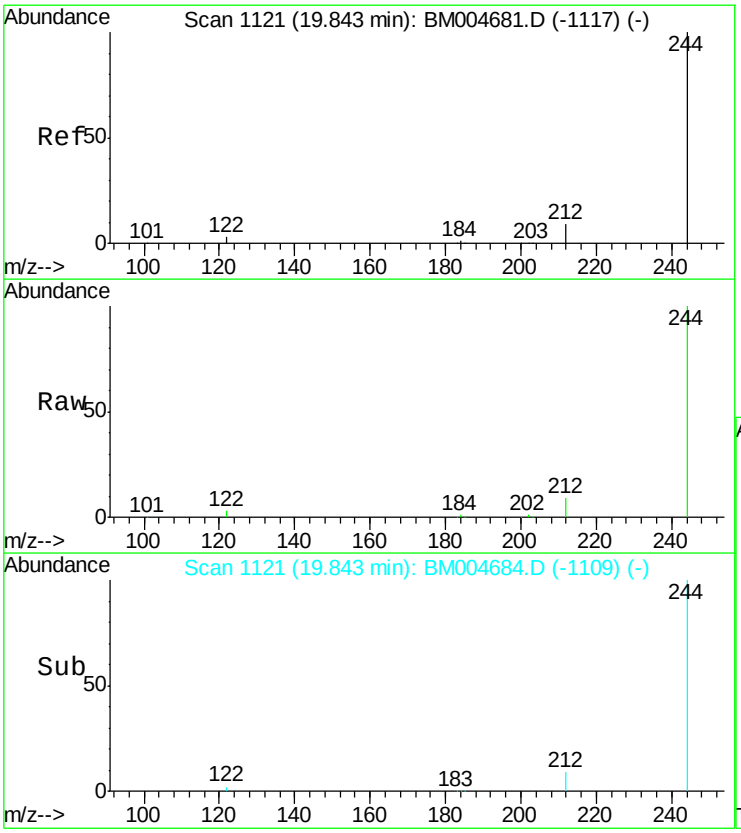
#23
Pyrene
Concen: 3.27 ng
RT: 19.64 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 163541

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.6	13.9	20.9

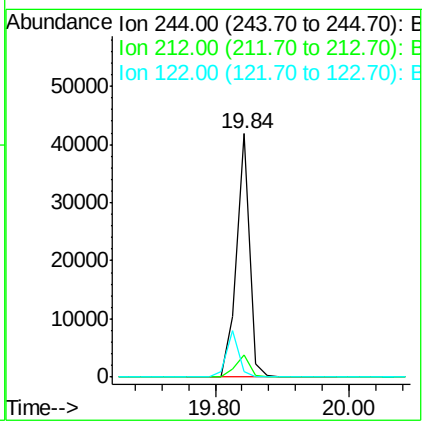


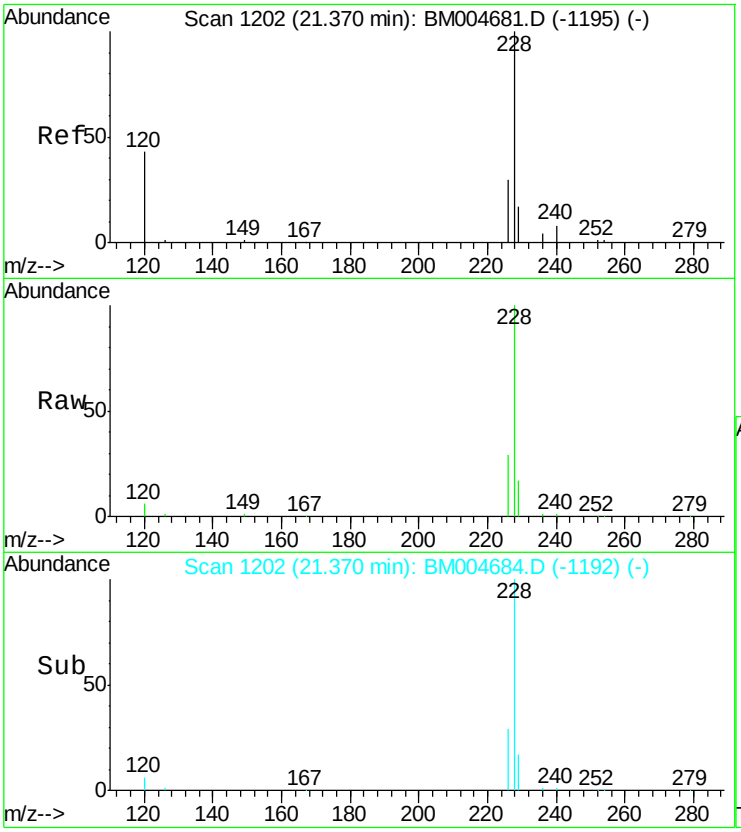


#24
Terphenyl-d14
Concen: 3.26 ng
RT: 19.84 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:244 Resp: 56263

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.7	11.5
122	2.5	3.4	5.0#



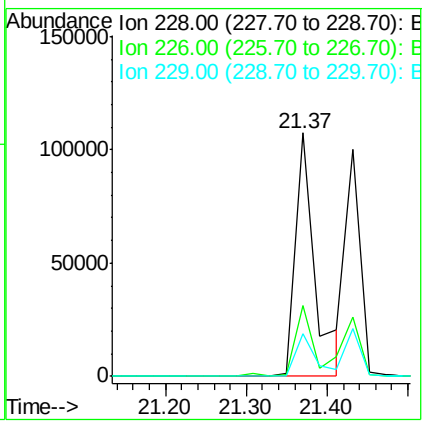


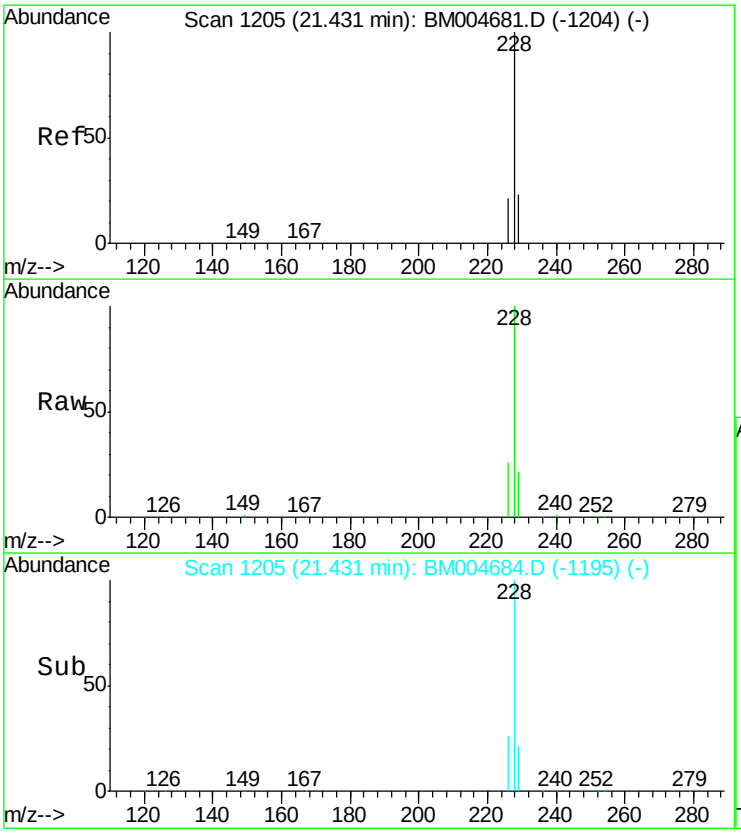
#25
Benzo(a)anthracene
Concen: 3.33 ng
RT: 21.37 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 181456

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.2
229	17.5	14.2	21.2

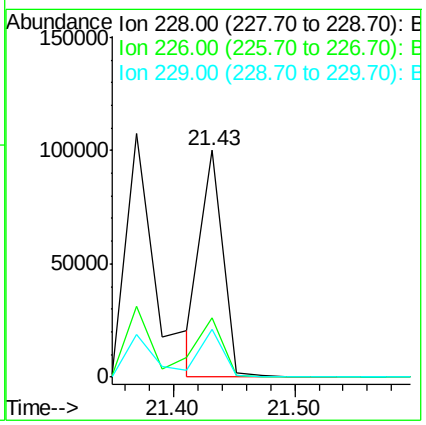


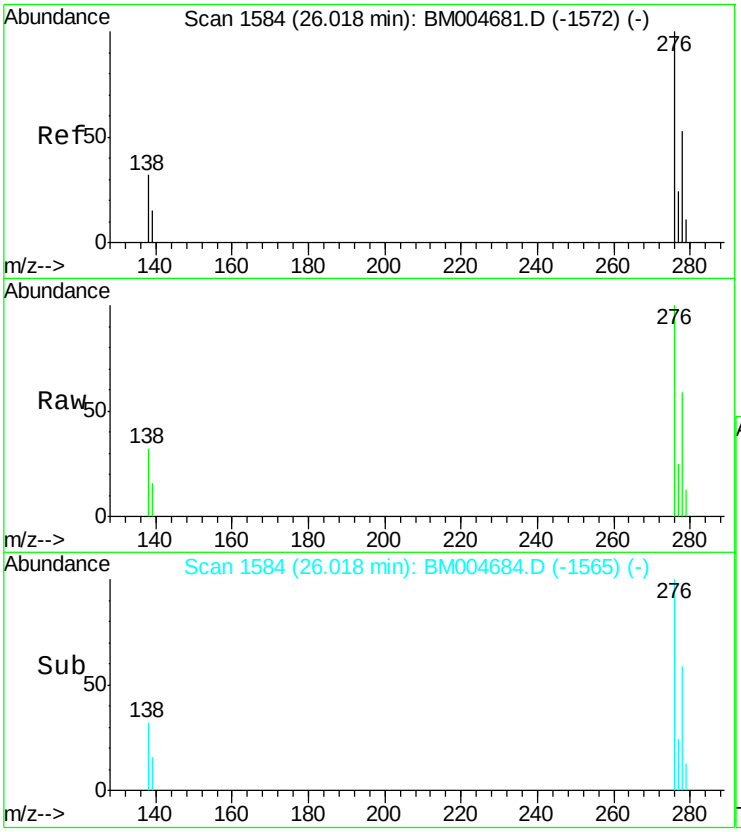


#26
Chrysene
Concen: 3.09 ng
RT: 21.43 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:228 Resp: 126026

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.9	31.3
229	21.3	17.4	26.2



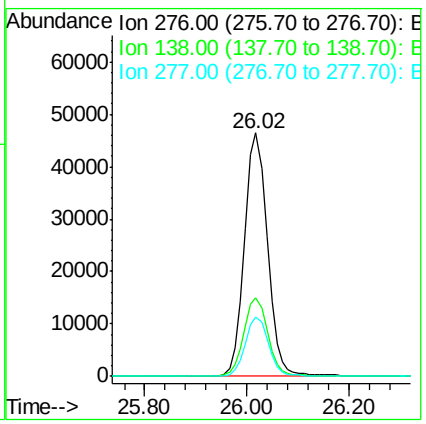


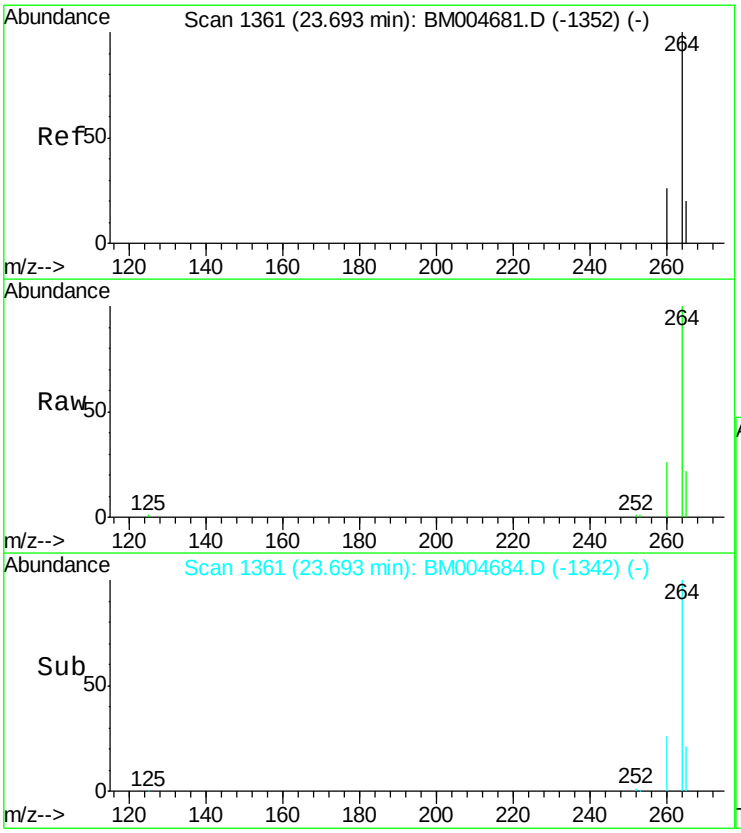
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.18 ng
RT: 26.02 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 145018

Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.9	38.9
277	24.6	19.8	29.6

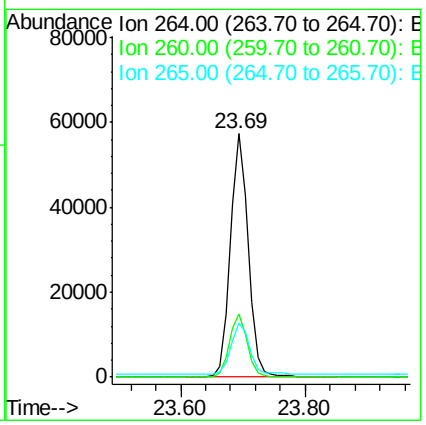


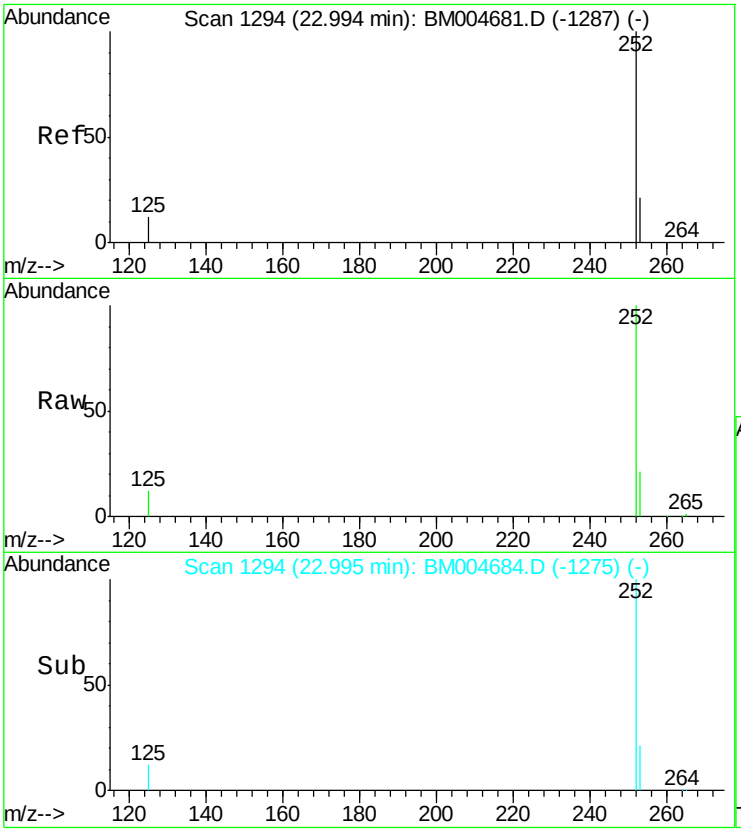


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.69 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:264 Resp: 115221

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.0	31.4
265	22.4	17.5	26.3



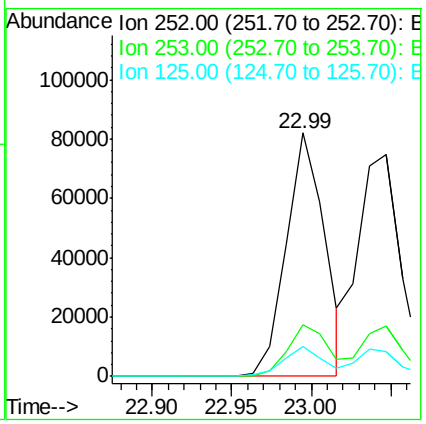


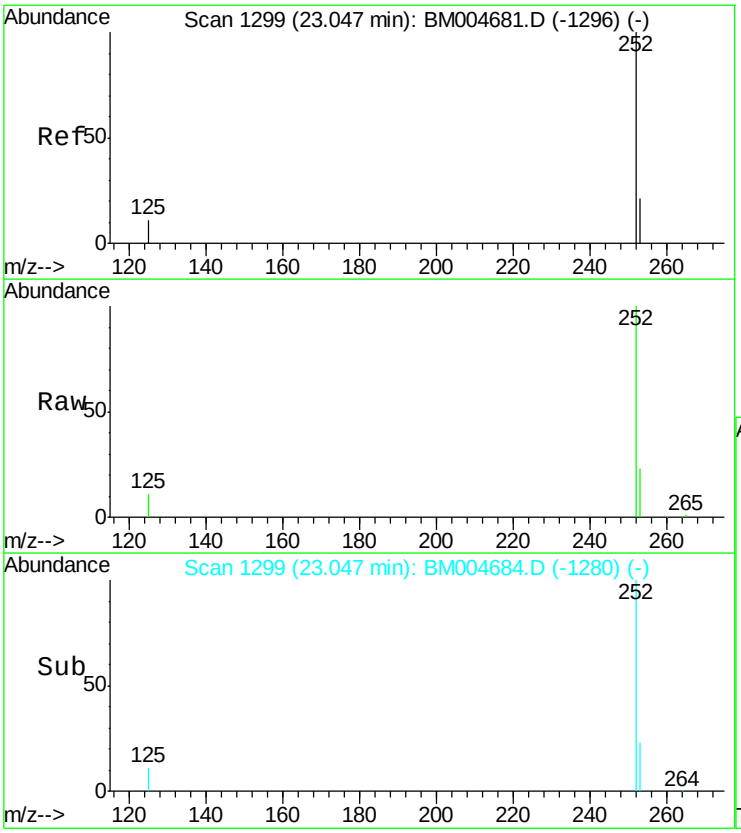
#29
Benzo(b)fluoranthene
Concen: 3.27 ng
RT: 22.99 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 136954

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	12.1	11.4	17.0

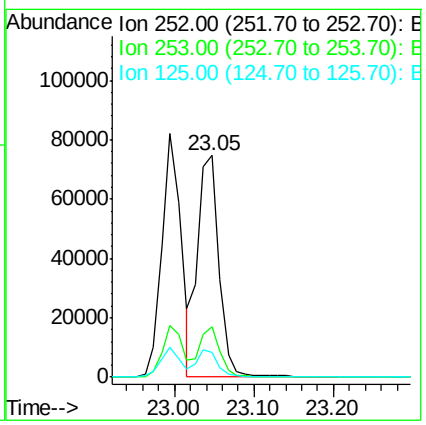


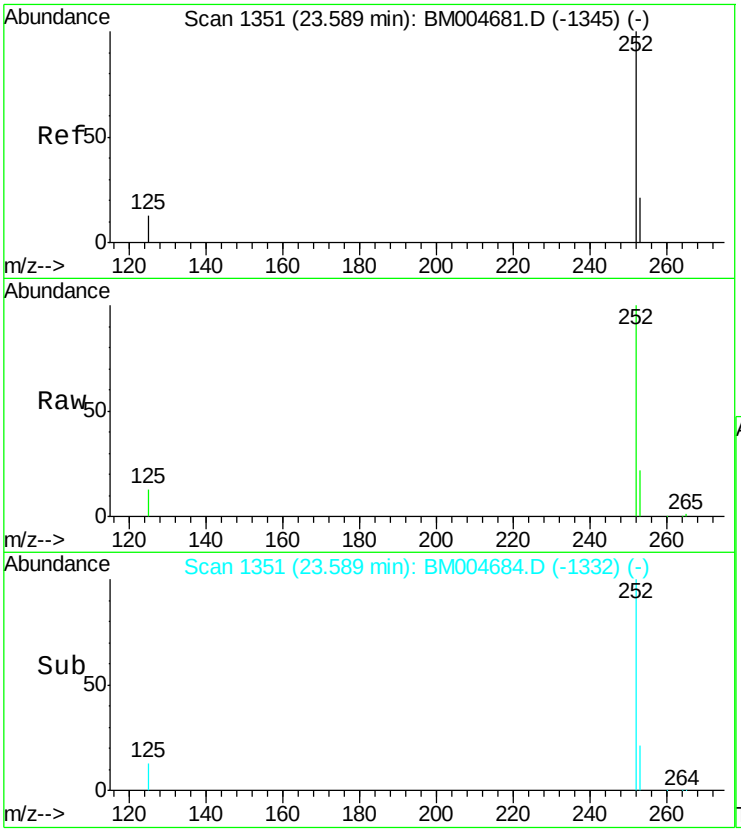


#30
Benzo(k)fluoranthene
Concen: 3.31 ng
RT: 23.05 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:252 Resp: 137726

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.3	28.9
125	11.1	10.6	15.8



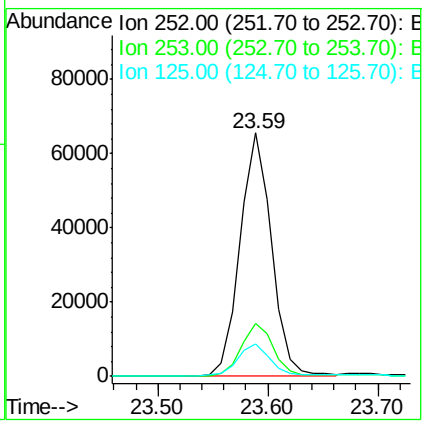


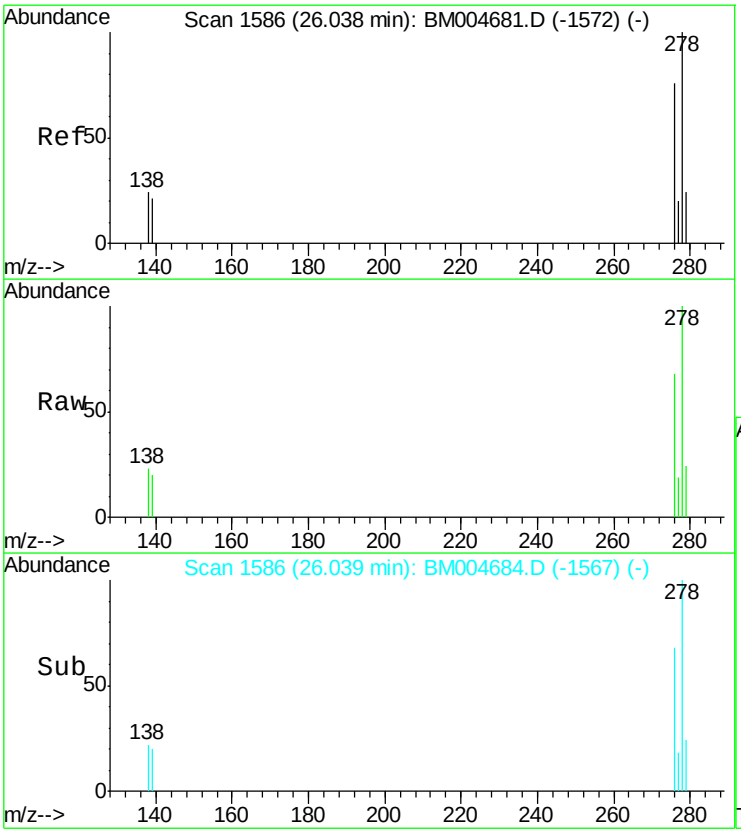
#31
Benzo(a)pyrene
Concen: 3.28 ng
RT: 23.59 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 128801

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	28.0
125	13.1	12.3	18.5

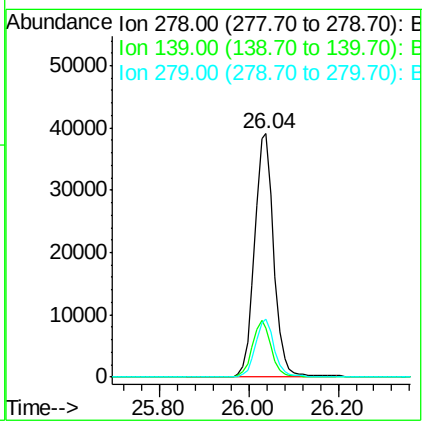


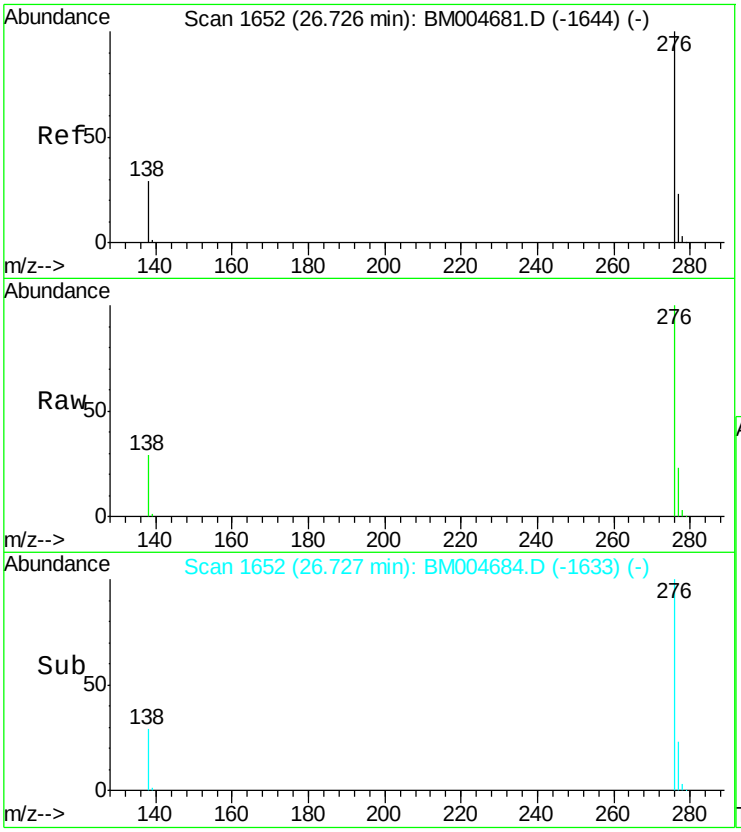


#32
Dibenzo(a,h)anthracene
Concen: 3.32 ng
RT: 26.04 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Tgt Ion:278 Resp: 116698

Ion	Ratio	Lower	Upper
278	100		
139	20.3	17.6	26.4
279	24.1	19.9	29.9





#33
Benzo(g,h,i)perylene
Concen: 2.84 ng
RT: 26.73 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BM004684.D
Acq: 18 Mar 2016 15:55

Instrument :
BNA_M
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 122124

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.1	28.7
138	28.8	24.5	36.7