Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001601.D
Acq On : 09 Jun 2015 01:47
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.5

Quant Time: Jun 09 05:49:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 05:45:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	20585	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	73095	5.00	ng		0.00
12) Acenaphthene-d10	14.34	164	33057	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	41361	5.00	ng		-0.03
25) Chrysene-d12	21.28	240	49318	5.00	ng		0.00
32) Perylene-d12	23.51	264	44000	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	2246	0.49	ng		-0.02
5) Phenol-d6	6.84	99	2765	0.49	ng		0.00
7) Nitrobenzene-d5	8.85	82	2459	0.49	ng		0.00
13) 2,4,6-Tribromophenol	15.84	330	459	0.34	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	5347	0.52	ng		0.00
27) Terphenyl-d14	19.72	244	3178	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1115	0.51	ng		96
3) n-Nitrosodimethylamine	3.52	42	1593	0.50	ng	#	98
8) Nitrobenzene	8.89	77	2593	0.48	ng		99
9) Naphthalene	10.52	128	8155	0.51	ng		99
10) Hexachlorobutadiene	10.82	225	1402	0.51	ng		100
11) 2-Methylnaphthalene	12.14	142	4944	0.50	ng		95
15) Acenaphthylene	14.05	152	6980	0.49	ng		100
16) Acenaphthene	14.40	154	4653	0.51	ng		100
17) Fluorene	15.36	166	5523	0.94	ng		99
19) 4-Bromophenyl-phenylether	16.28	248	1506	0.50	ng	#	60
20) Hexachlorobenzene	16.38	284	2062	1.43	ng	#	39
21) Pentachlorophenol	16.72	266	461	0.78	ng		92
23) Anthracene	17.20	178	12157	1.84	ng	#	65
24) Fluoranthene	19.15	202	7520	0.63	ng		100
26) Pyrene	19.51	202	7755	0.49	ng		100
28) Benzo(a)anthracene	21.25	228	6678	0.48	ng		98
29) Chrysene	21.31	228	6897	0.52	ng		98
30) Bis(2-ethylhexyl)phthalate	21.19	149	3615	0.44	ng		100
31) Indeno(1,2,3-cd)pyrene	25.77	276	6493	0.46	ng		99
33) Benzo(b)fluoranthene	22.83	252	6189	0.47	ng		97
34) Benzo(k)fluoranthene	22.88	252	6249	0.52	ng		95
35) Benzo(a)pyrene	23.41	252	5518	0.48	ng		96
36) Dibenzo(a,h)anthracene	25.79	278	4975	0.44	ng		95
37) Benzo(g,h,i)perylene	26.46	276	5510	0.46	ng		98

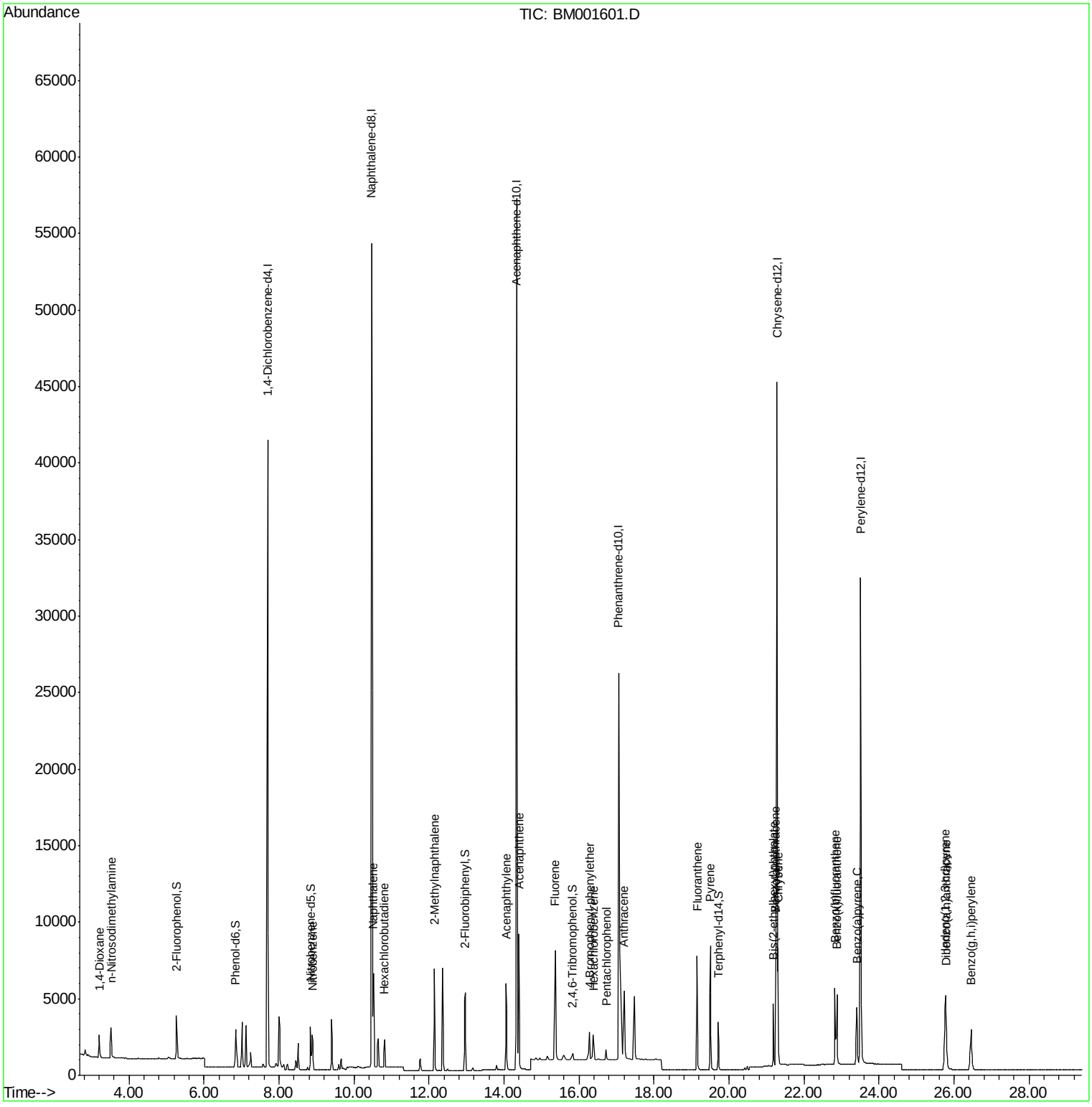
(#) = qualifier out of range (m) = manual integration (+) = signals summed

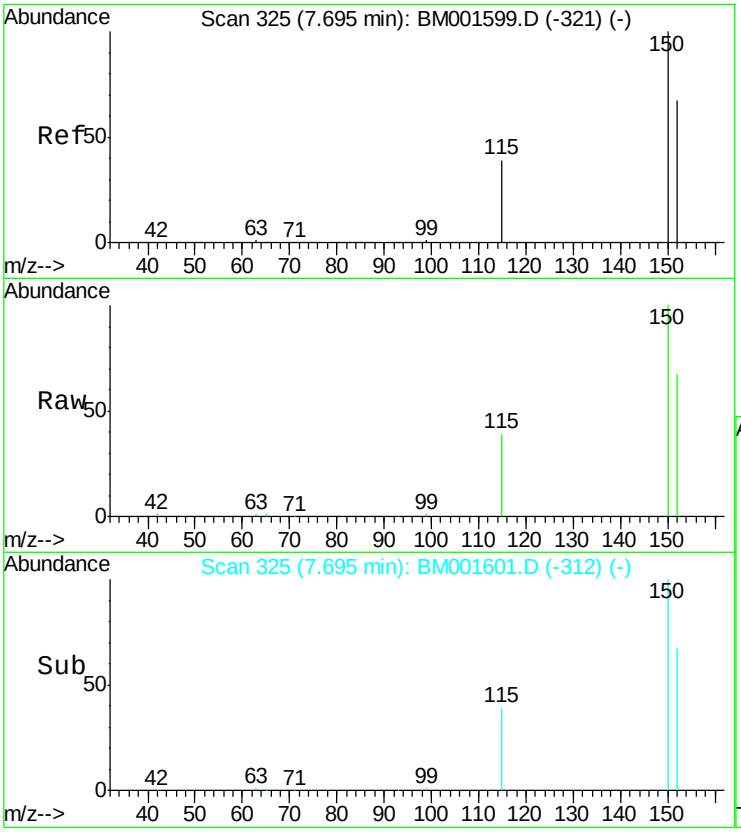
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
Data File : BM001601.D
Acq On : 09 Jun 2015 01:47
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Quant Time: Jun 09 05:49:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 05:45:34 2015
Response via : Initial Calibration



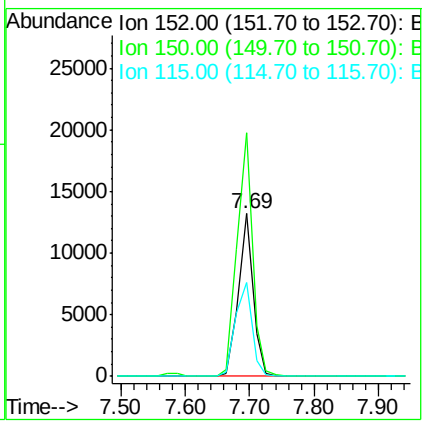


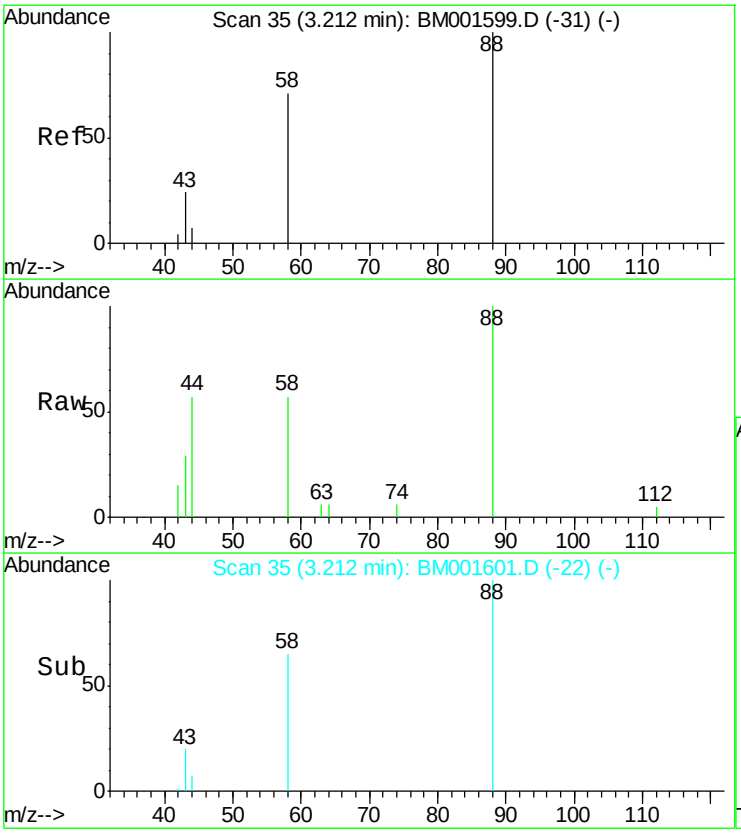
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 20585

Ion	Ratio	Lower	Upper
152	100		
150	149.6	120.1	180.1
115	57.9	47.0	70.6

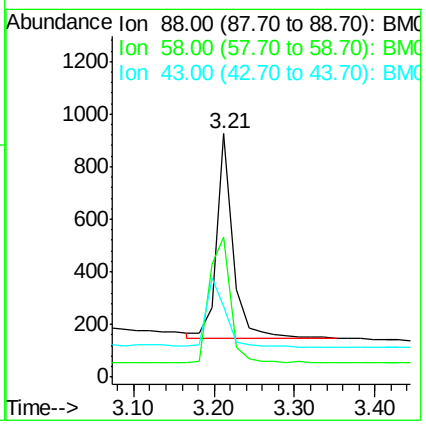


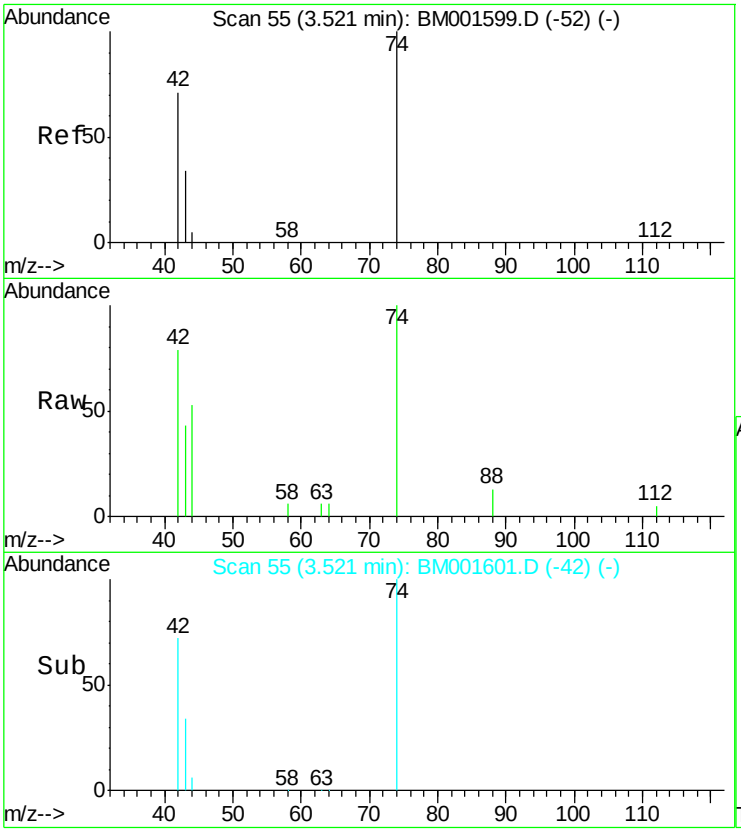


#2
1,4-Dioxane
Concen: 0.51 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion: 88 Resp: 1115

Ion	Ratio	Lower	Upper
88	100		
58	77.8	65.5	98.3
43	38.8	32.2	48.2



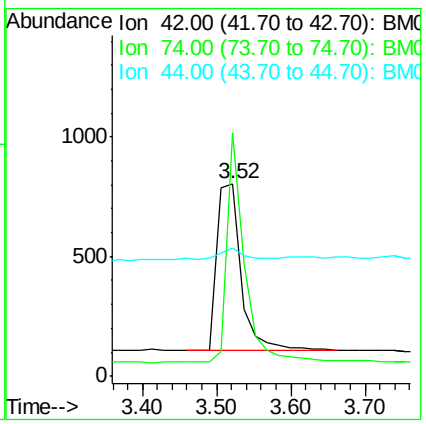


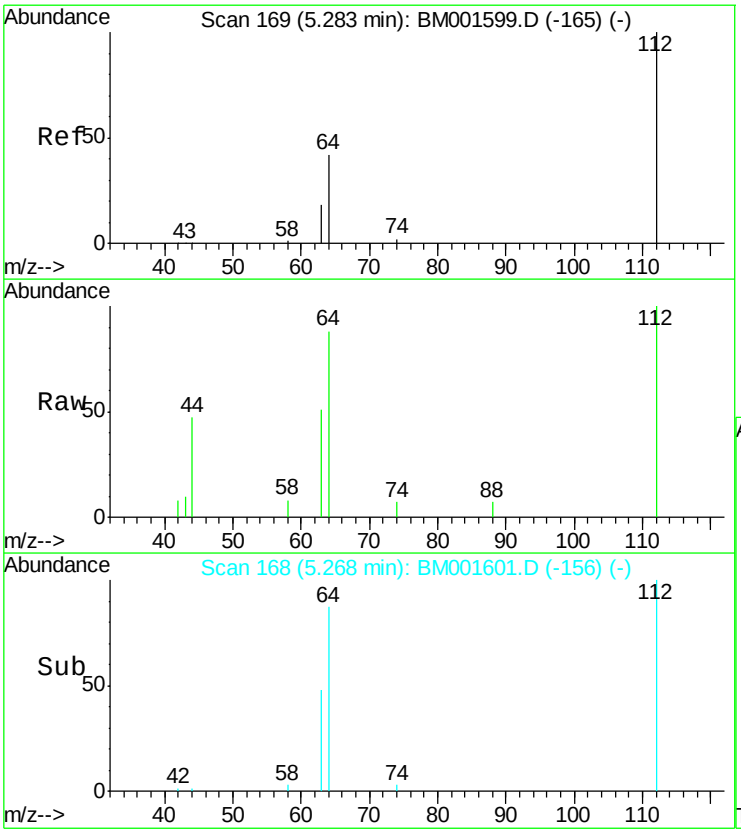
#3
n-Nitrosodimethylamine
Concen: 0.50 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 1593

Ion	Ratio	Lower	Upper
42	100		
74	97.6	79.5	119.3
44	9.0	5.7	8.5#

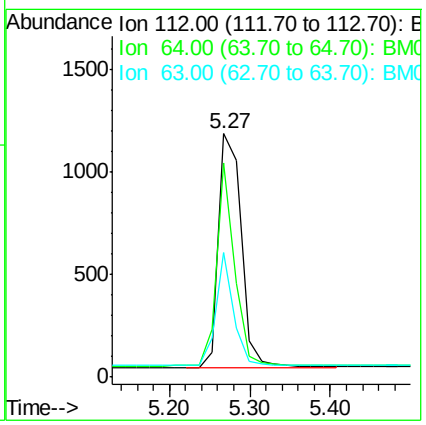


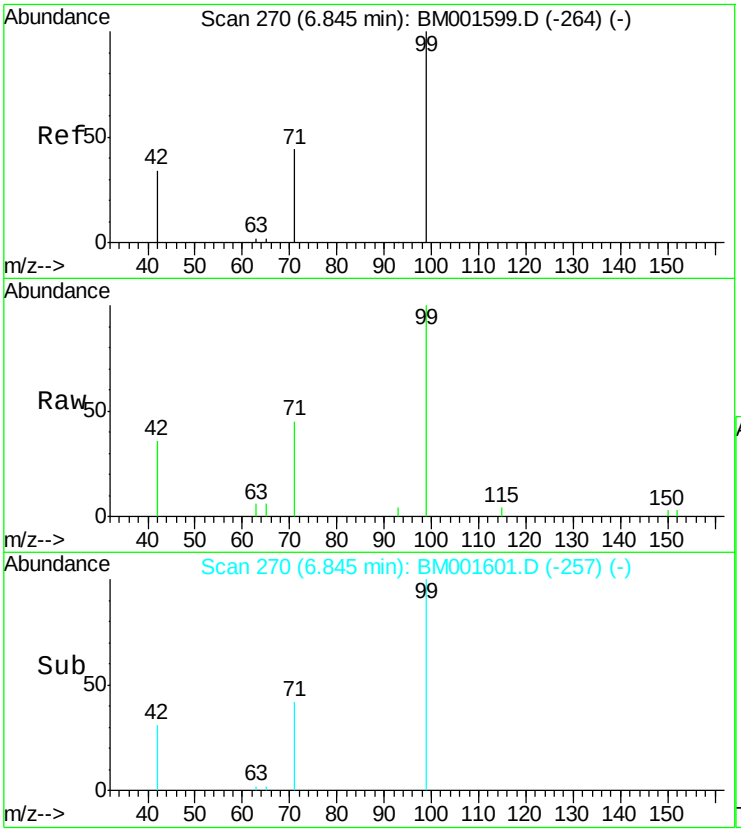


#4
2-Fluorophenol
Concen: 0.49 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.02 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:112 Resp: 2246

Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.8	82.2
63	38.0	30.5	45.7



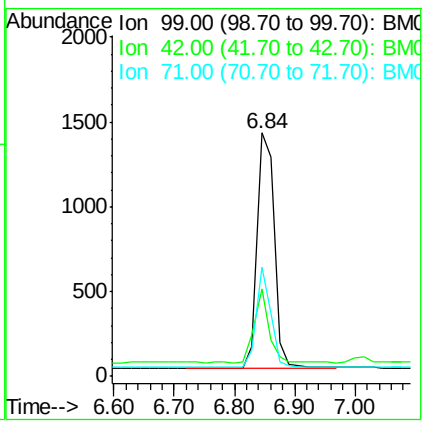


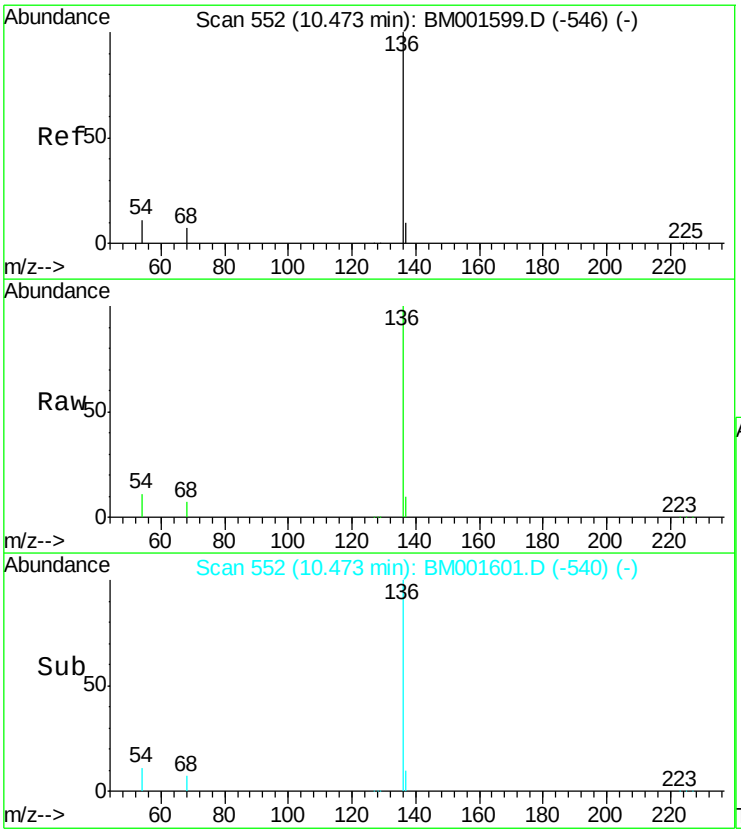
#5
Phenol-d6
Concen: 0.49 ng
RT: 6.84 min Scan# 270
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 2765

Ion	Ratio	Lower	Upper
99	100		
42	26.7	21.6	32.4
71	35.9	28.7	43.1

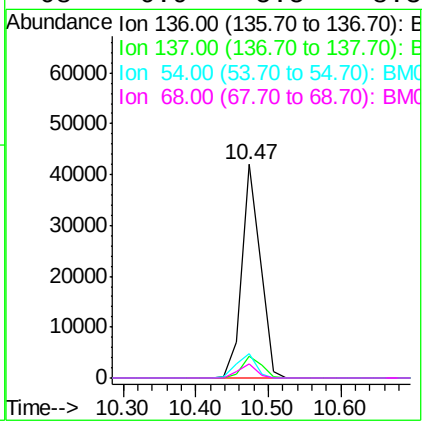


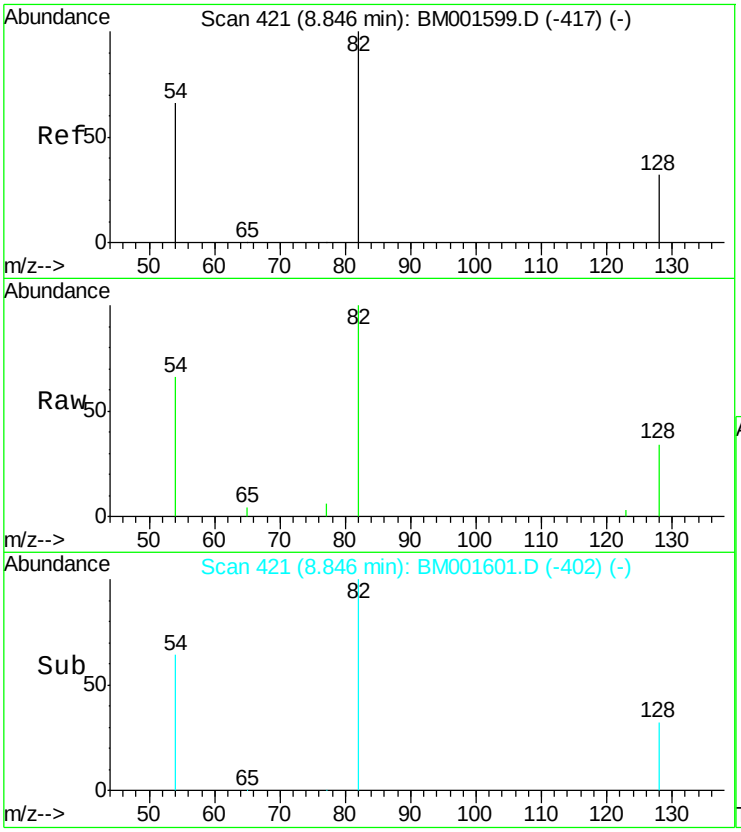


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:136 Resp: 73095

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	11.5	9.2	13.8
68	6.9	5.5	8.3



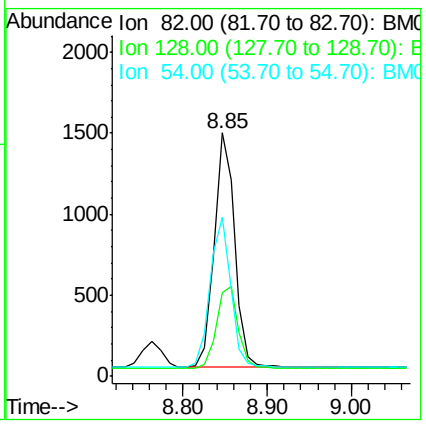


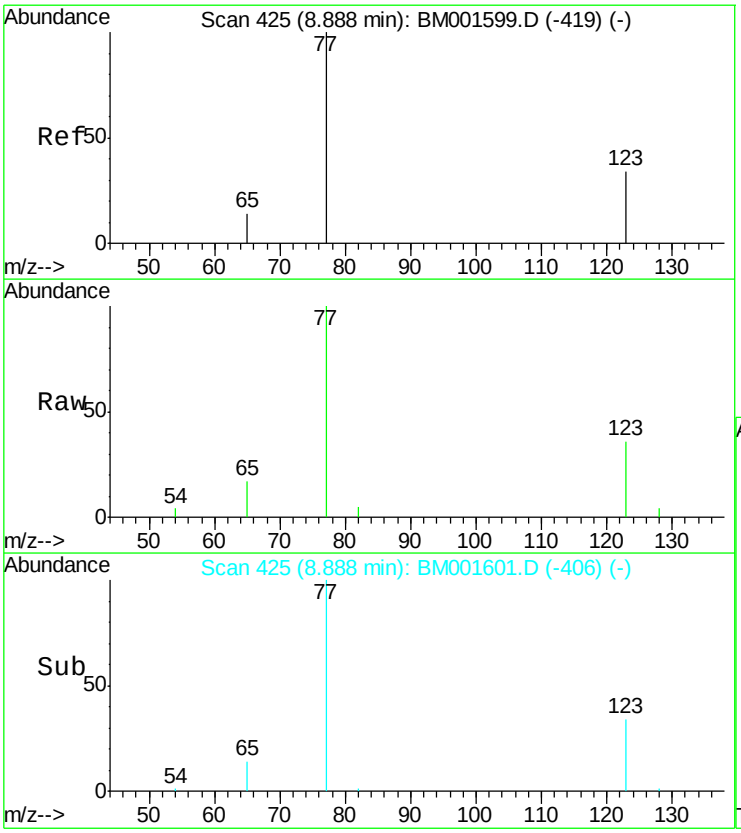
#7
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.85 min Scan# 421
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion: 82 Resp: 2459

Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.6	40.0
54	65.5	53.0	79.6

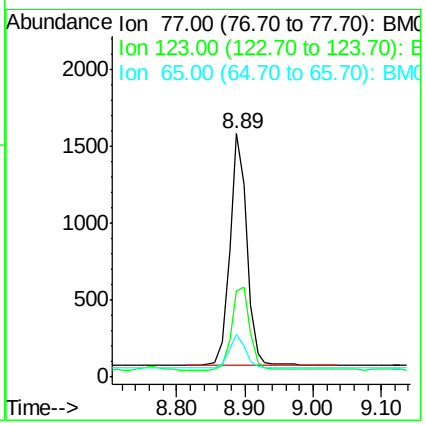


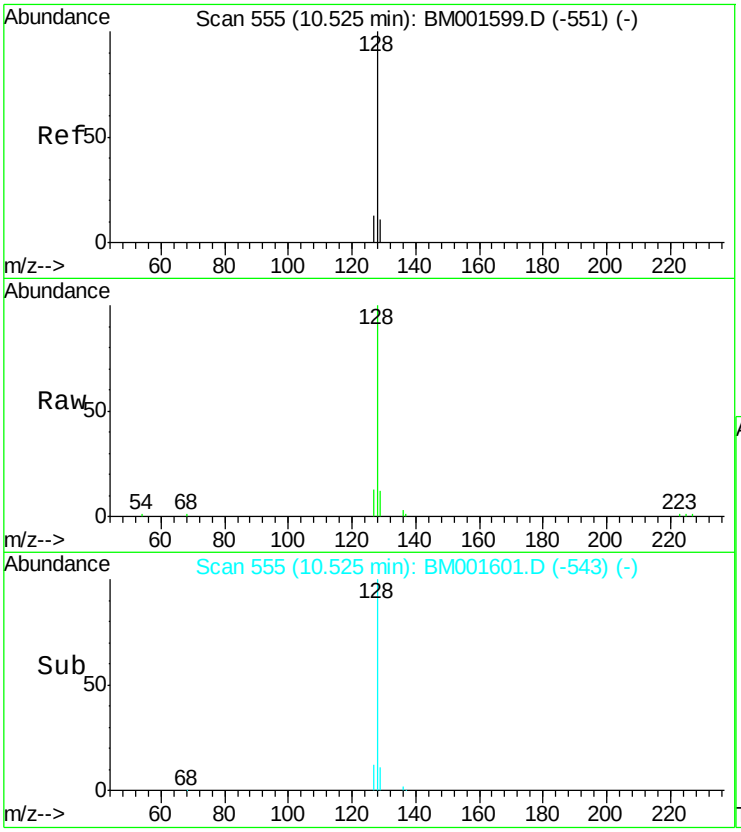


#8
Nitrobenzene
Concen: 0.48 ng
RT: 8.89 min Scan# 425
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion: 77 Resp: 2593

Ion	Ratio	Lower	Upper
77	100		
123	38.4	31.0	46.6
65	14.2	11.4	17.0



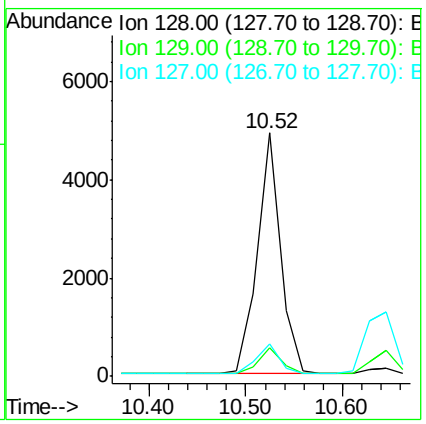


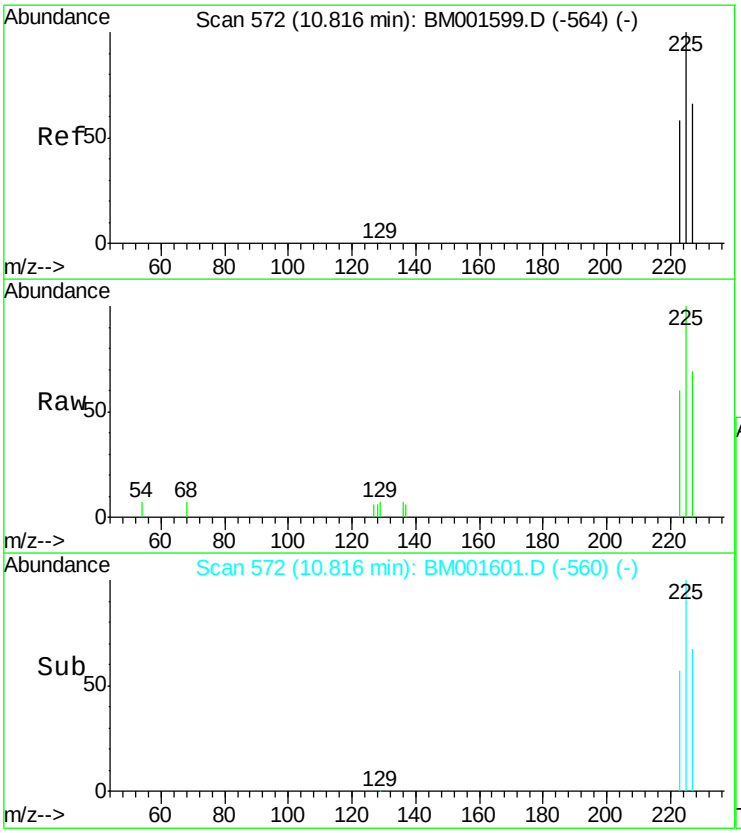
#9
Naphthalene
Concen: 0.51 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:128 Resp: 8155

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.3	10.4	15.6

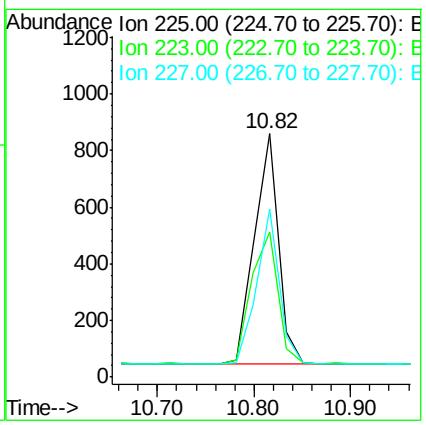


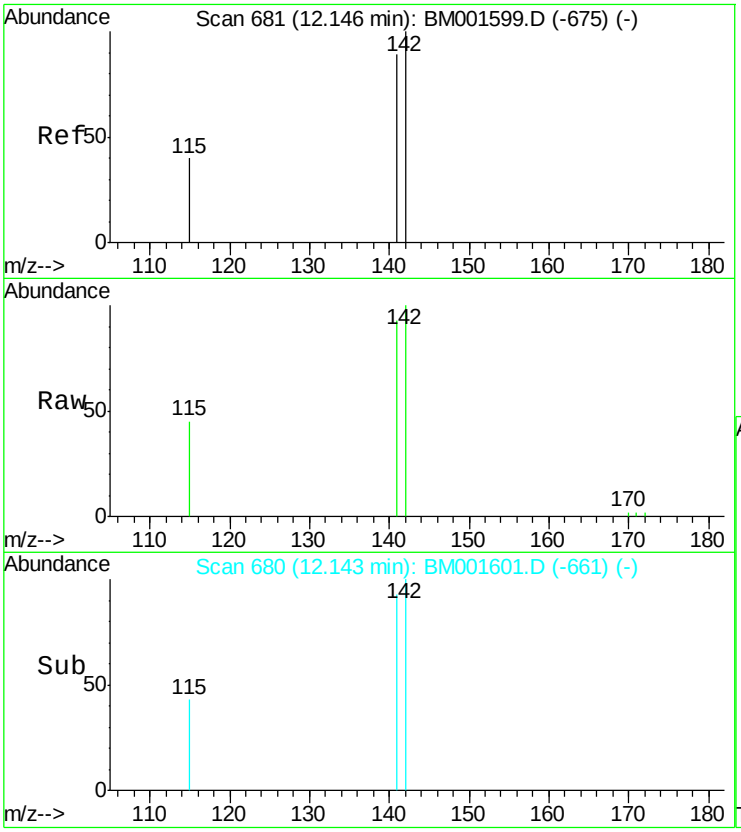


#10
Hexachlorobutadiene
Concen: 0.51 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:225 Resp: 1402

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.7	50.9	76.3



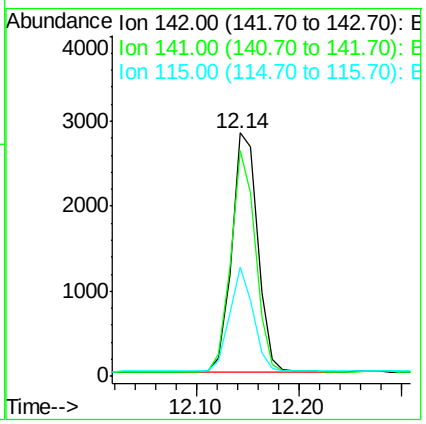


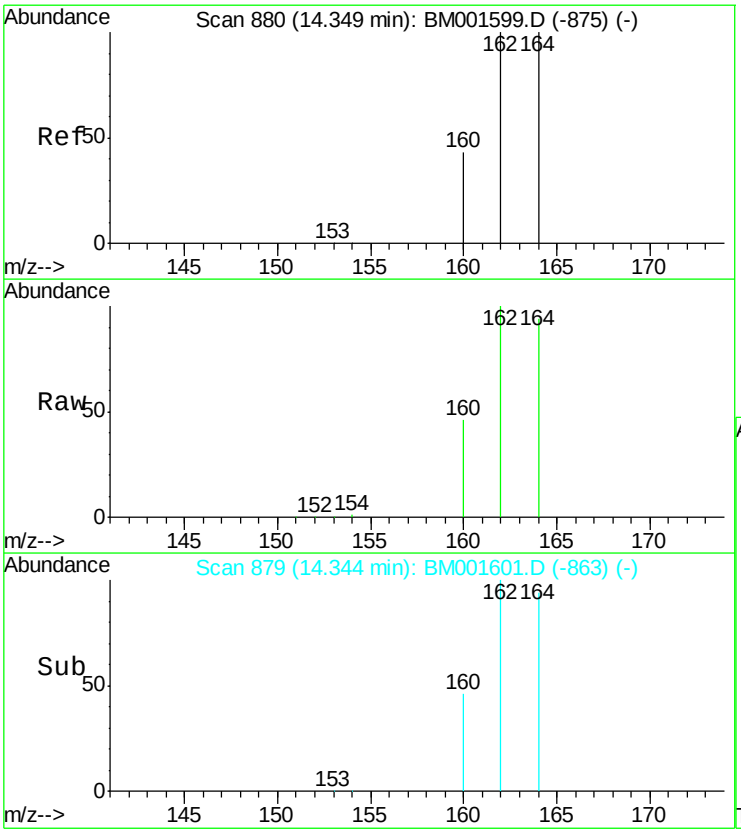
#11
2-Methylnaphthalene
Concen: 0.50 ng
RT: 12.14 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 4944

Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.3	106.9
115	44.6	32.1	48.1

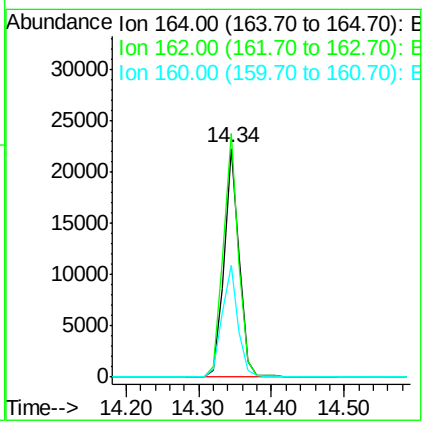


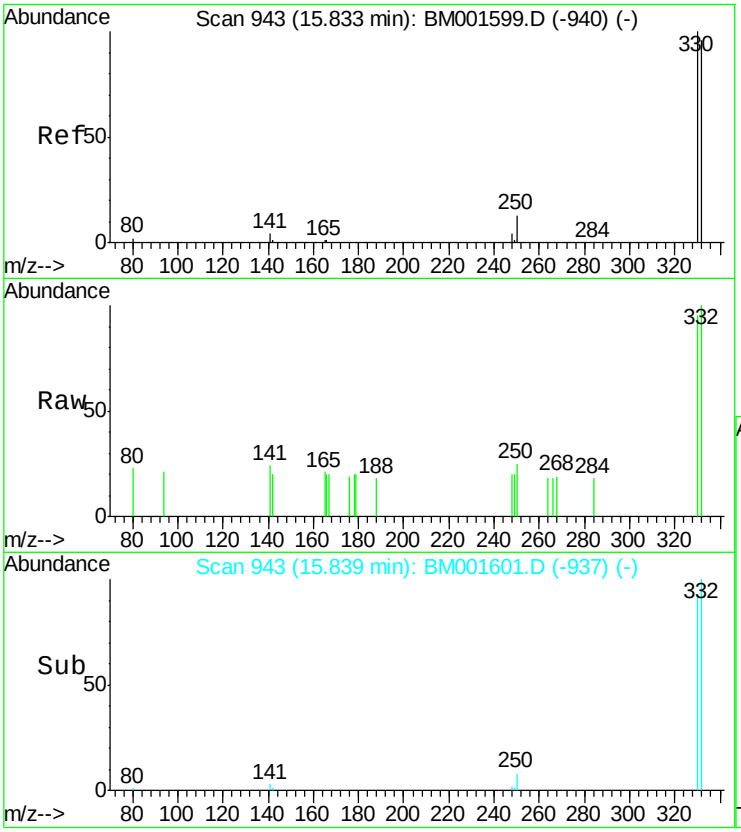


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. -0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:164 Resp: 33057

Ion	Ratio	Lower	Upper
164	100		
162	106.4	79.8	119.6
160	48.7	34.6	51.8



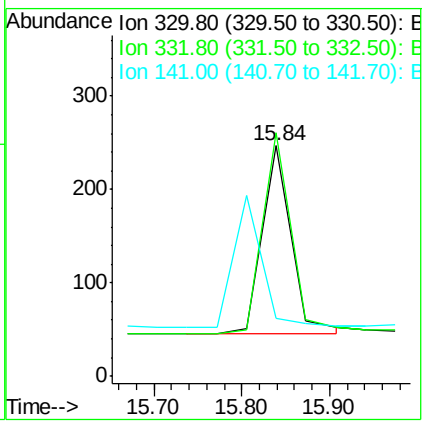


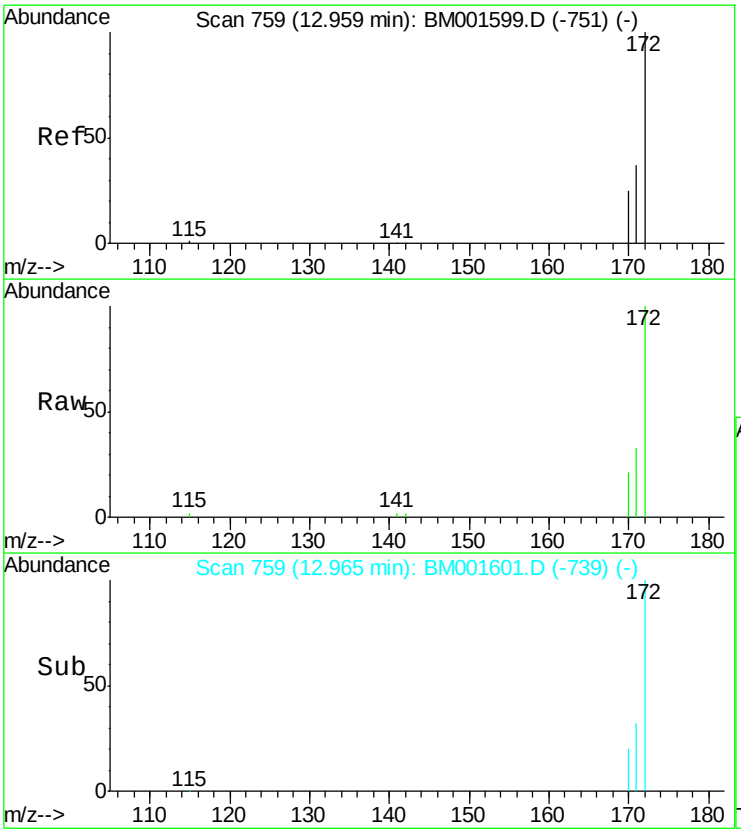
#13
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:330 Resp: 459

Ion	Ratio	Lower	Upper
330	100		
332	106.1	76.7	115.1
141	0.0	0.0	0.0

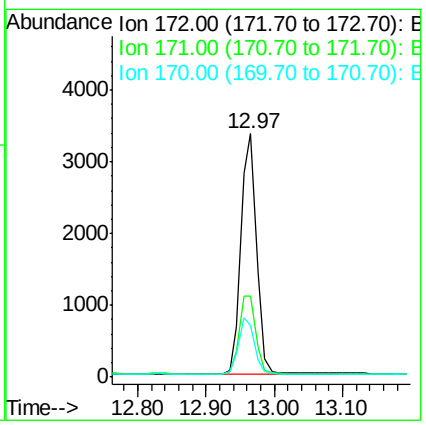


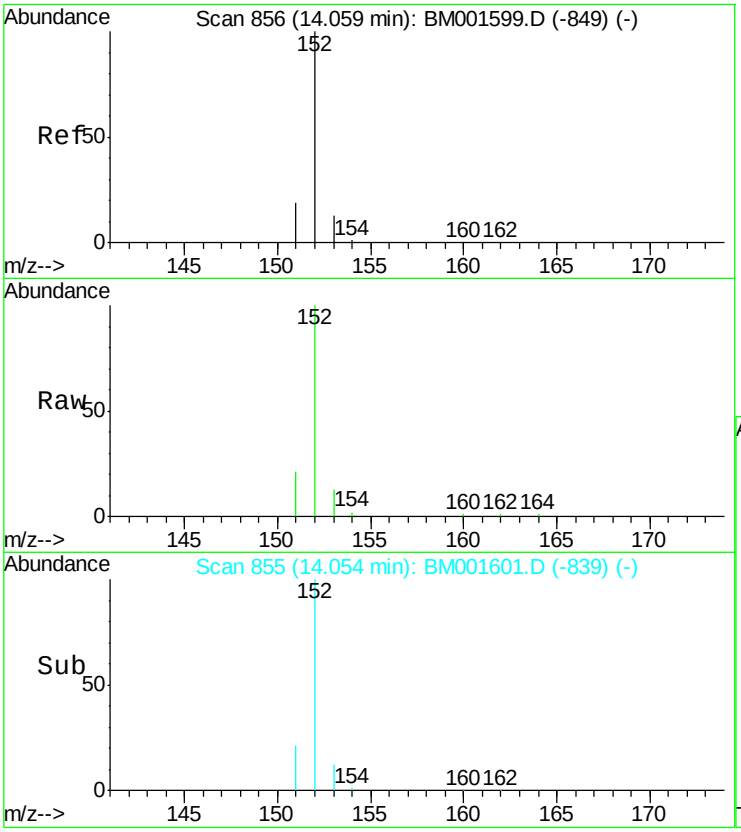


#14
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 12.97 min Scan# 759
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:172 Resp: 5347

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.6	44.4
170	21.1	20.6	31.0



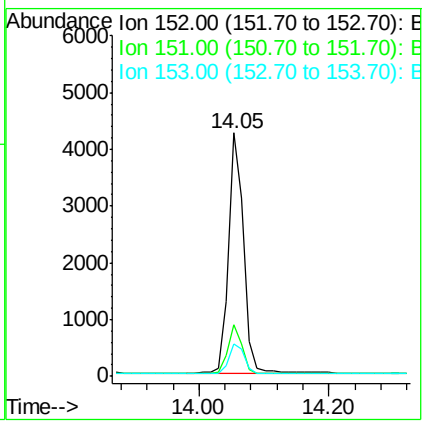


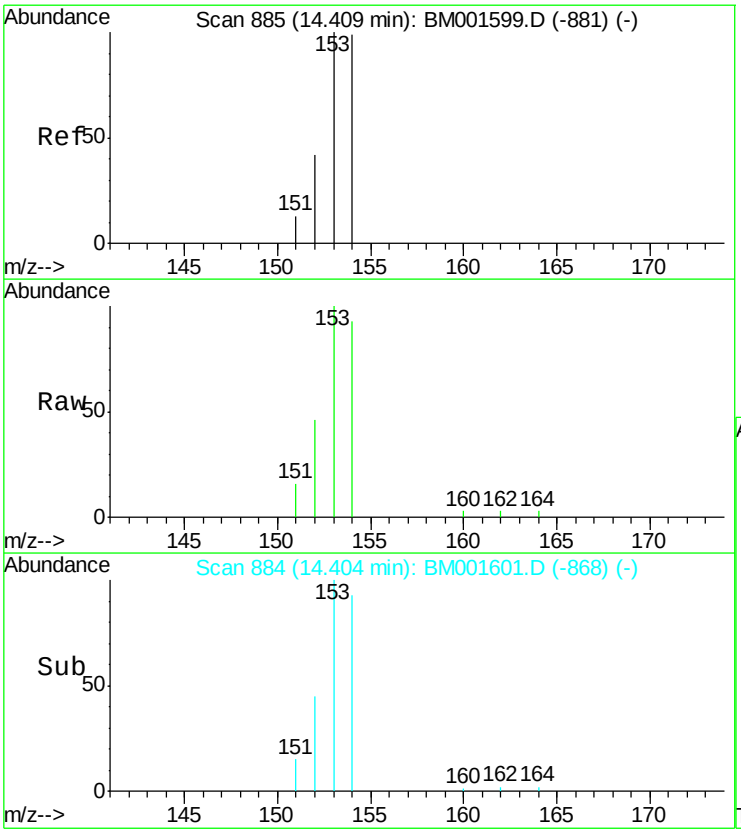
#15
Acenaphthylene
Concen: 0.49 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 6980

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.8	10.3	15.5

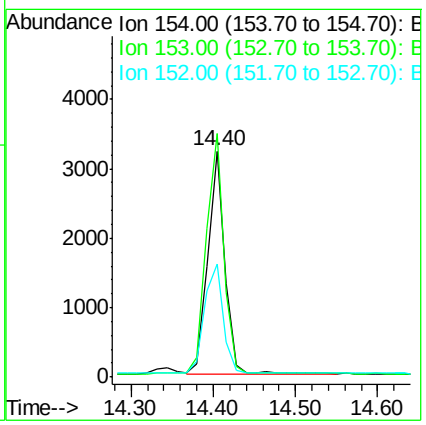


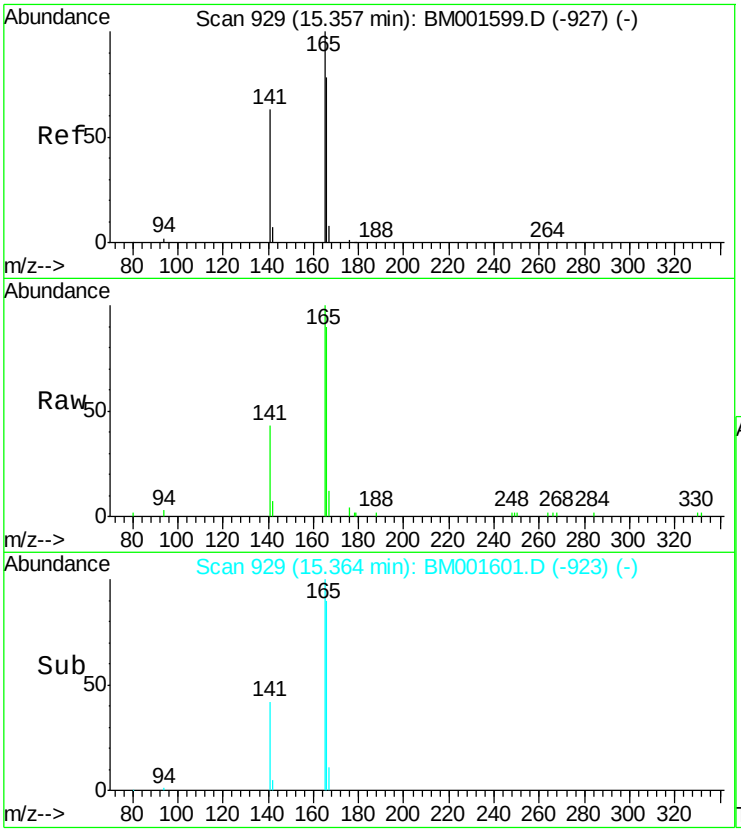


#16
Acenaphthene
Concen: 0.51 ng
RT: 14.40 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:154 Resp: 4653

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.4	134.0
152	53.7	43.6	65.4



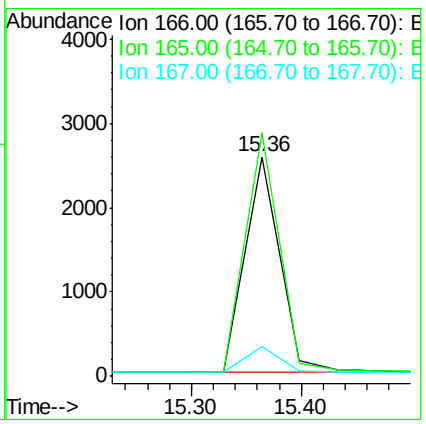


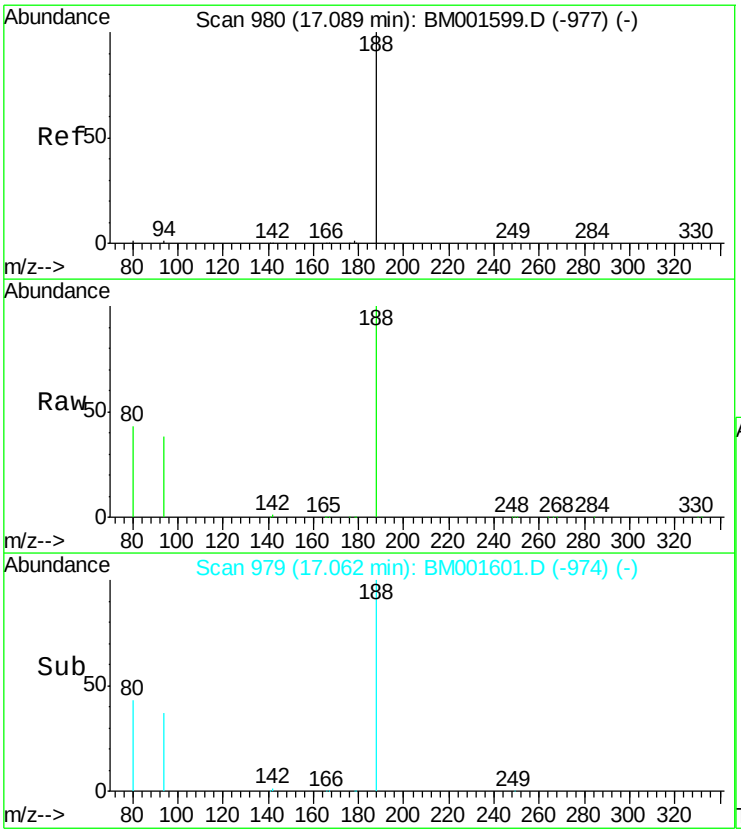
#17
Fluorene
Concen: 0.94 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:166 Resp: 5523

Ion	Ratio	Lower	Upper
166	100		
165	109.3	87.8	131.8
167	12.2	10.0	15.0

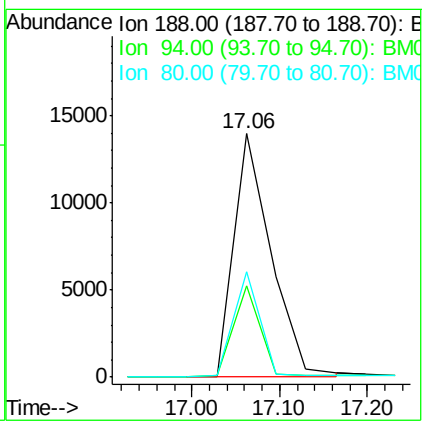


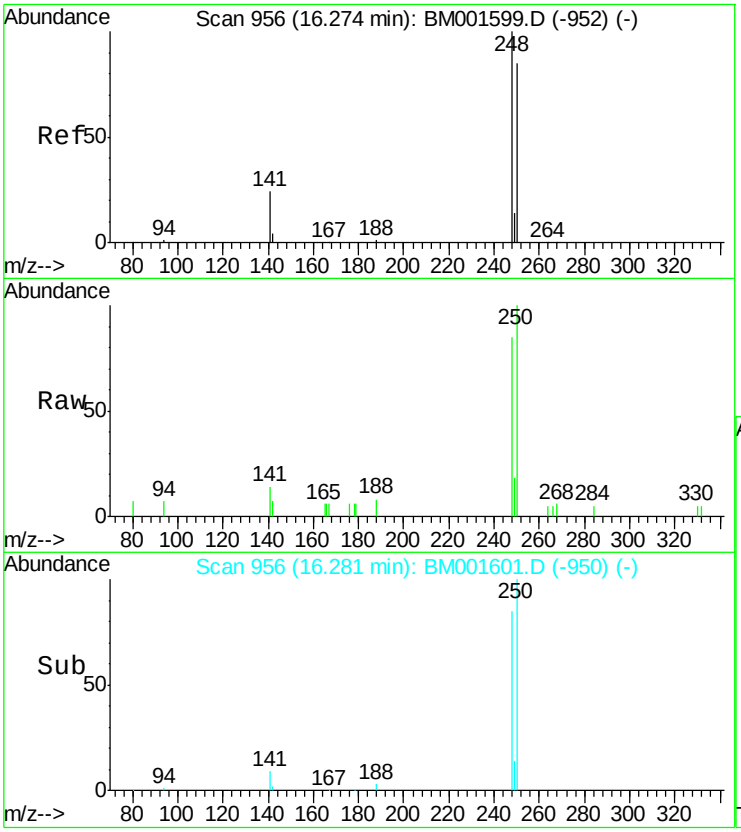


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. -0.03 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:188 Resp: 41361

Ion	Ratio	Lower	Upper
188	100		
94	37.7	1.0	1.6#
80	43.0	1.0	1.4#



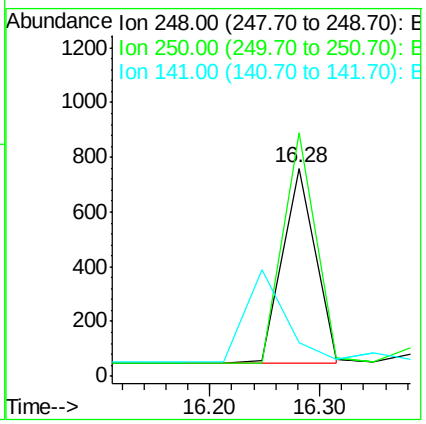


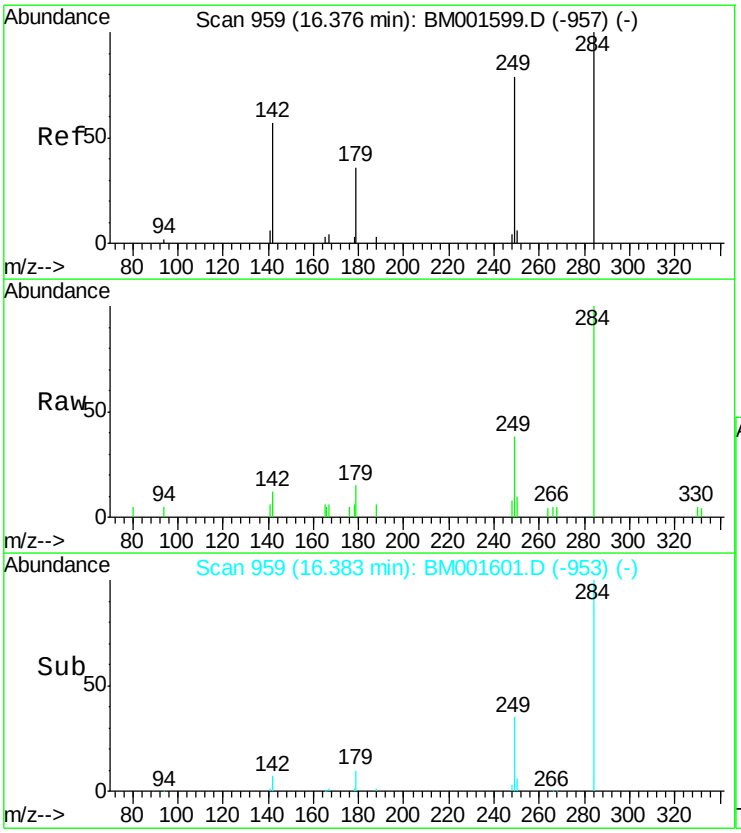
#19
4-Bromophenyl-phenylether
Concen: 0.50 ng
RT: 16.28 min Scan# 956
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:248 Resp: 1506

Ion	Ratio	Lower	Upper
248	100		
250	116.8	68.6	103.0#
141	0.0	25.5	38.3#

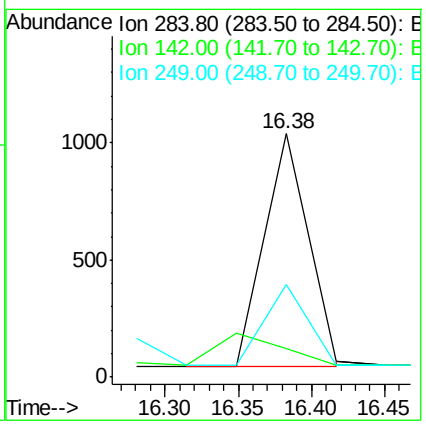


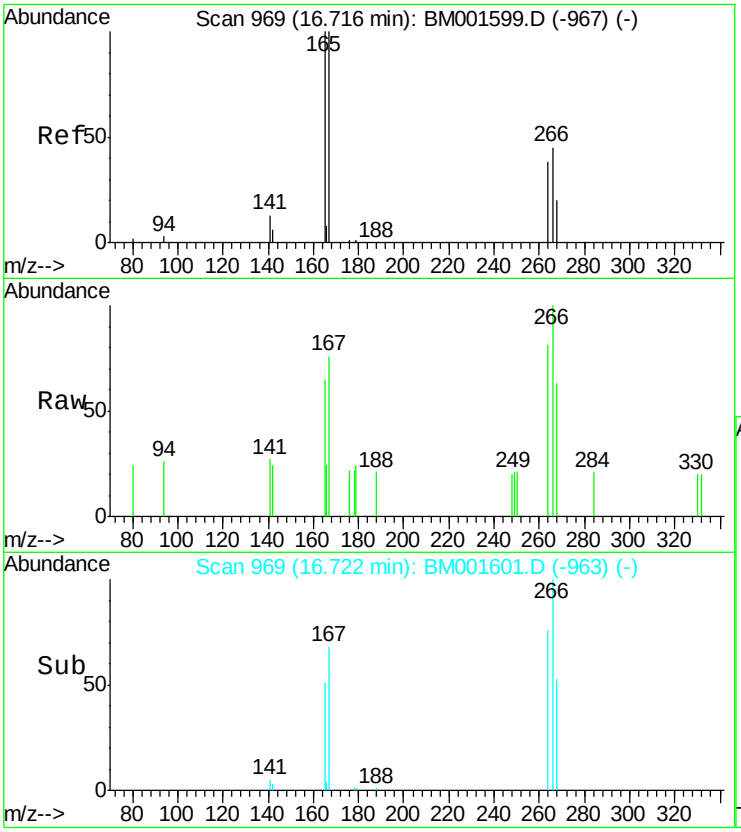


#20
Hexachlorobenzene
Concen: 1.43 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:284 Resp: 2062

Ion	Ratio	Lower	Upper
284	100		
142	0.0	47.3	70.9#
249	46.3	75.8	113.6#



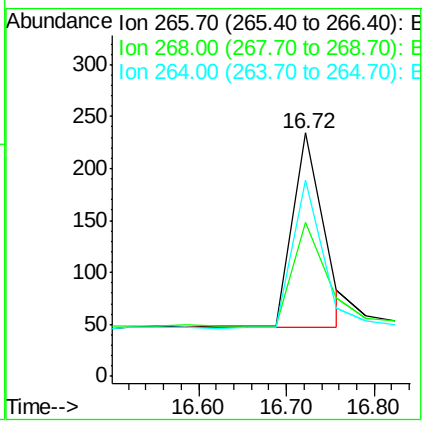


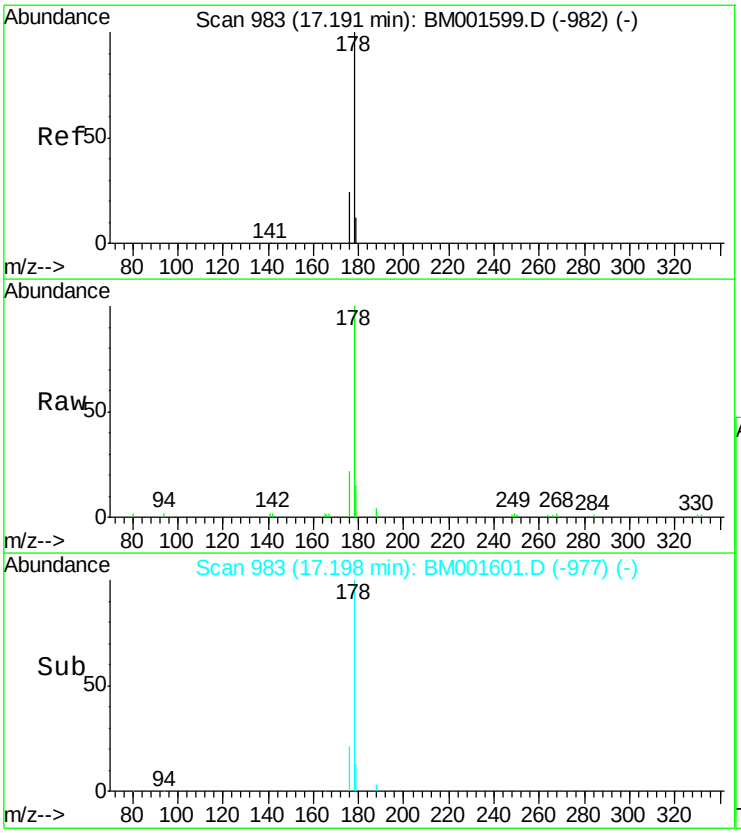
#21
Pentachlorophenol
Concen: 0.78 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 461

Ion	Ratio	Lower	Upper
266	100		
268	63.2	45.8	68.8
264	80.8	70.6	106.0

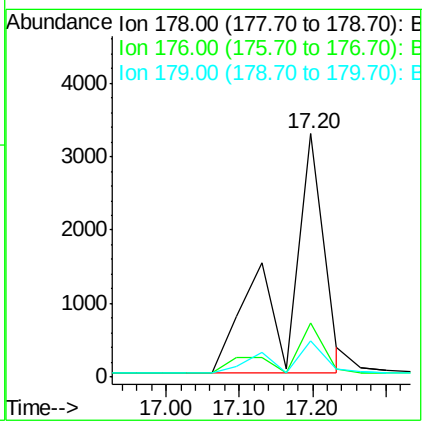


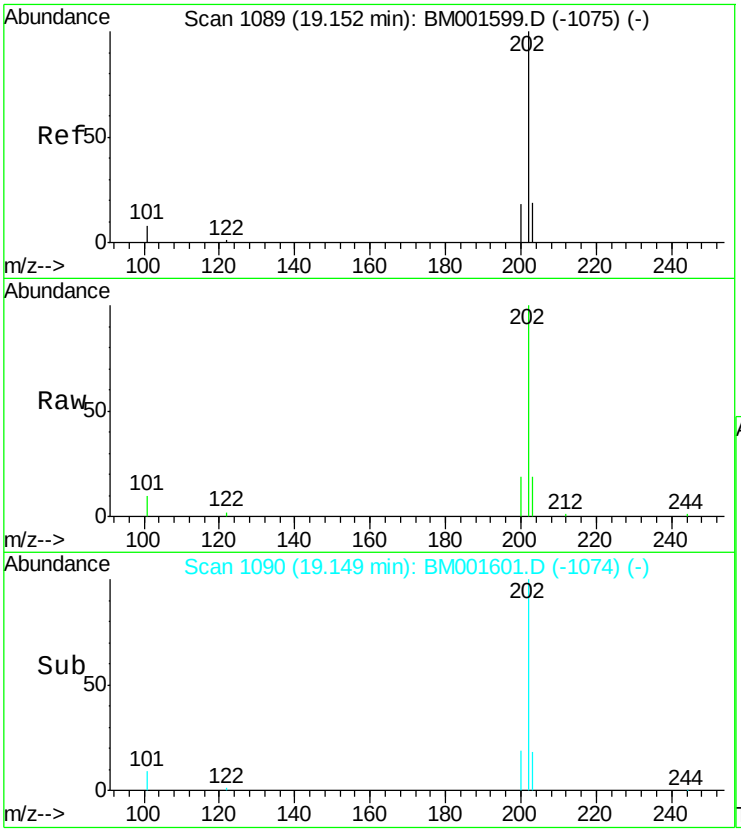


#23
Anthracene
Concen: 1.84 ng
RT: 17.20 min Scan# 983
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:178 Resp: 12157

Ion	Ratio	Lower	Upper
178	100		
176	19.8	21.9	32.9#
179	0.0	23.0	34.4#



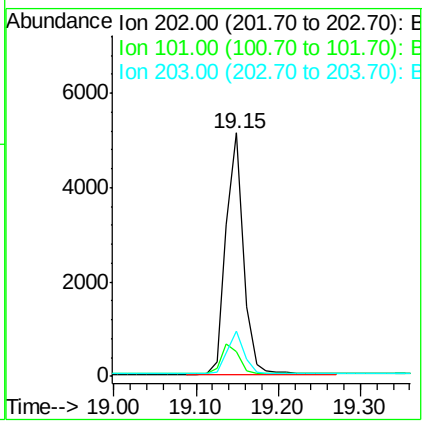


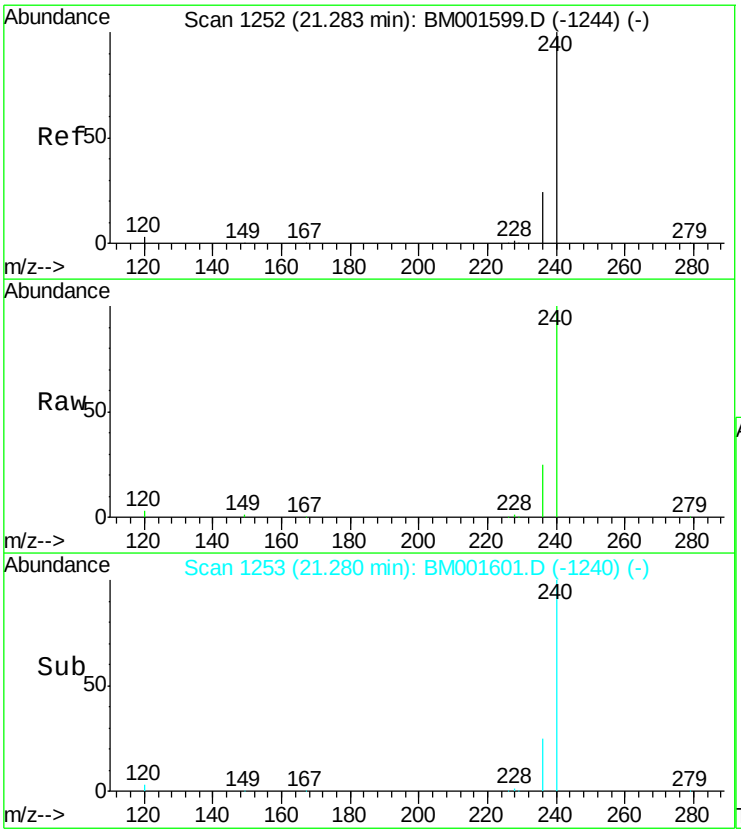
#24
Fluoranthene
Concen: 0.63 ng
RT: 19.15 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 7520

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.4	15.6
203	17.2	13.8	20.6

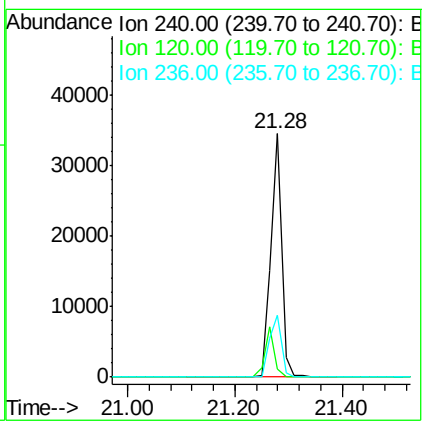


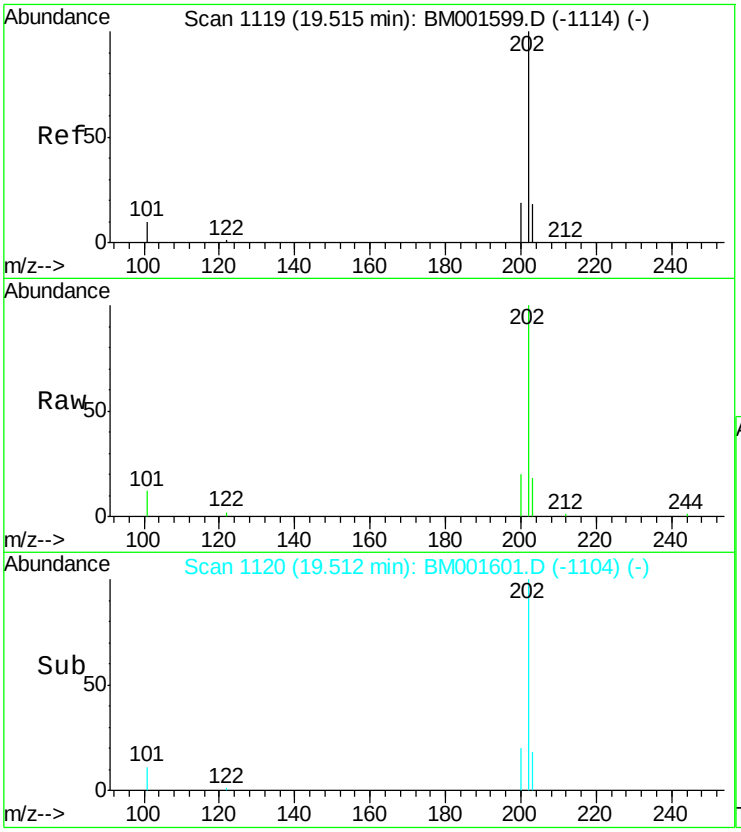


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:240 Resp: 49318

Ion	Ratio	Lower	Upper
240	100		
120	3.4	2.2	3.4#
236	25.3	19.6	29.4



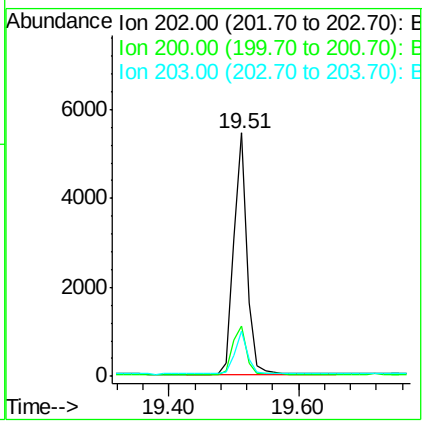


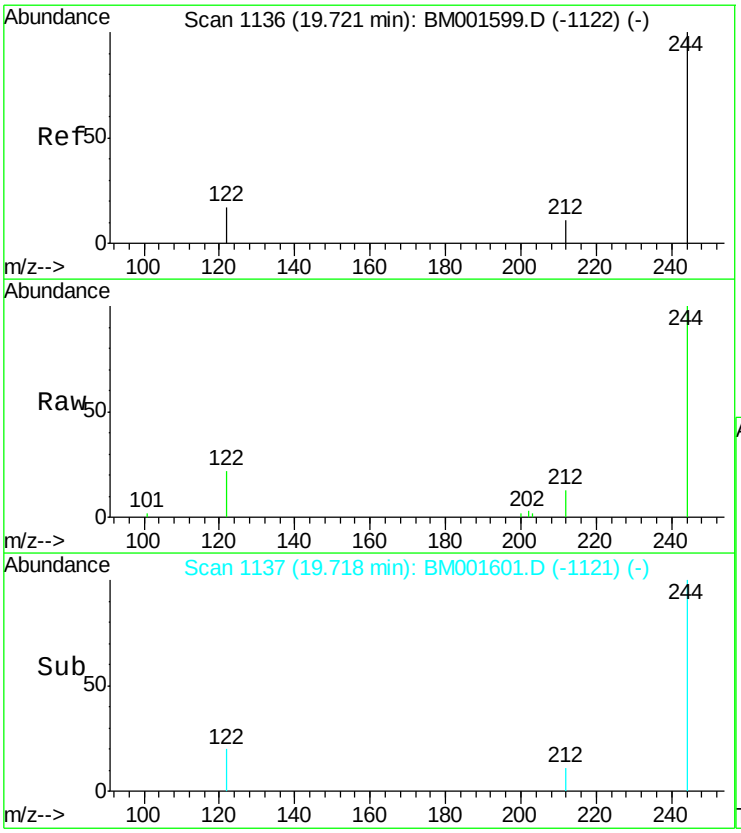
#26
Pyrene
Concen: 0.49 ng
RT: 19.51 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 7755

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	14.0	21.0

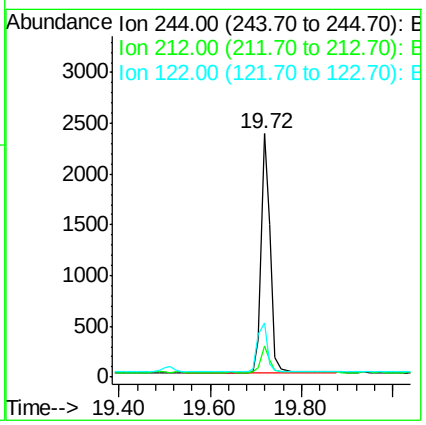


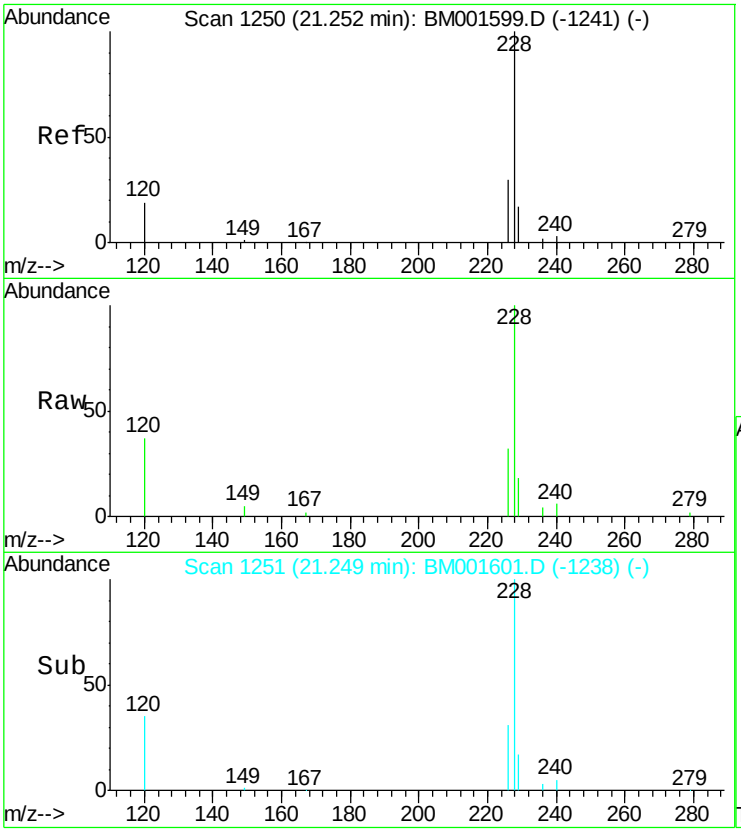


#27
Terphenyl-d14
Concen: 0.50 ng
RT: 19.72 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:244 Resp: 3178

Ion	Ratio	Lower	Upper
244	100		
212	13.0	9.2	13.8
122	22.1	14.5	21.7#



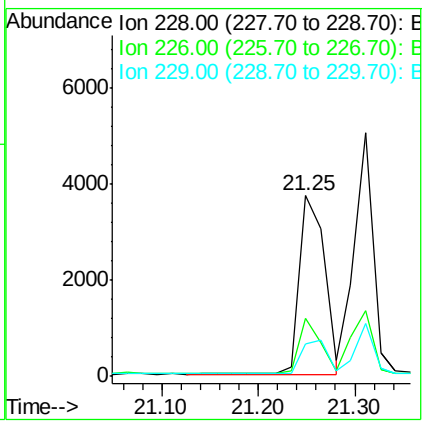


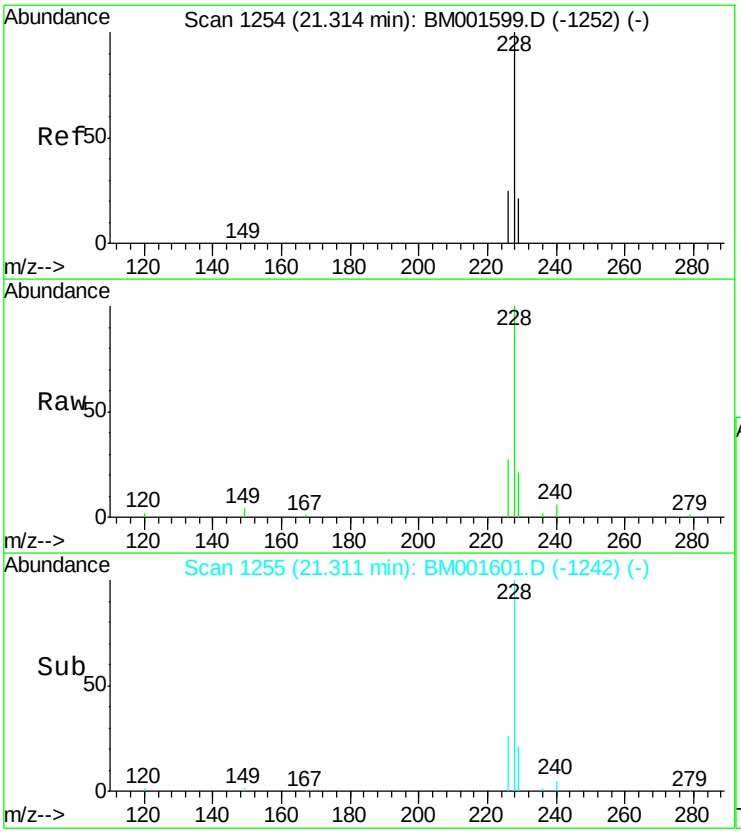
#28
Benzo(a)anthracene
Concen: 0.48 ng
RT: 21.25 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 6678

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.6	37.0
229	17.7	13.8	20.8

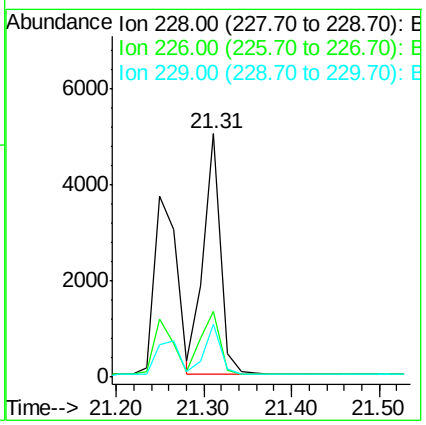


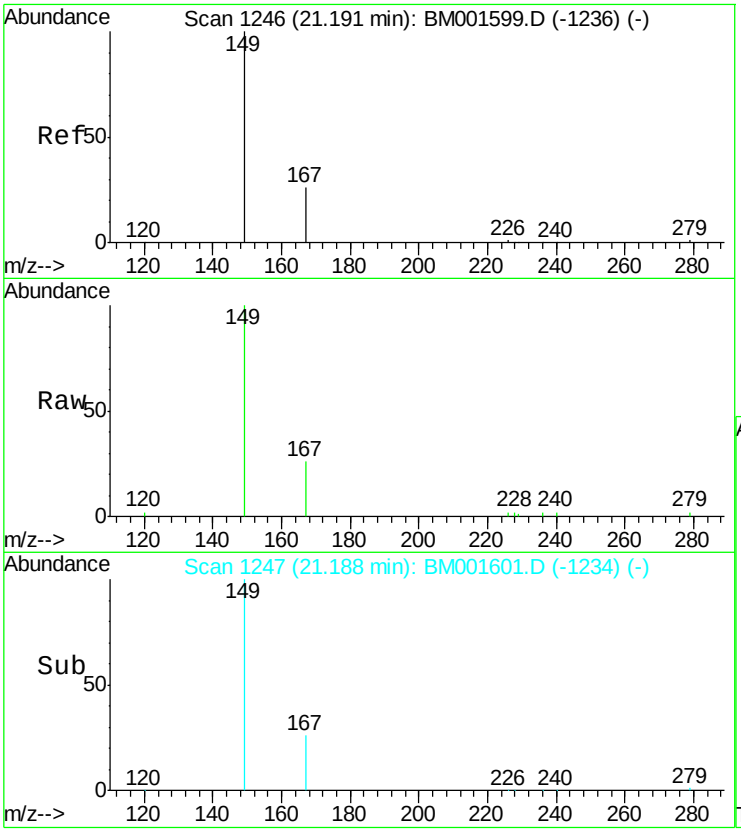


#29
Chrysene
Concen: 0.52 ng
RT: 21.31 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:228 Resp: 6897

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.6	31.0
229	21.5	17.4	26.2



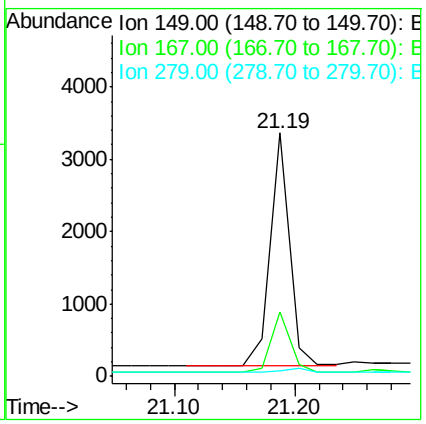


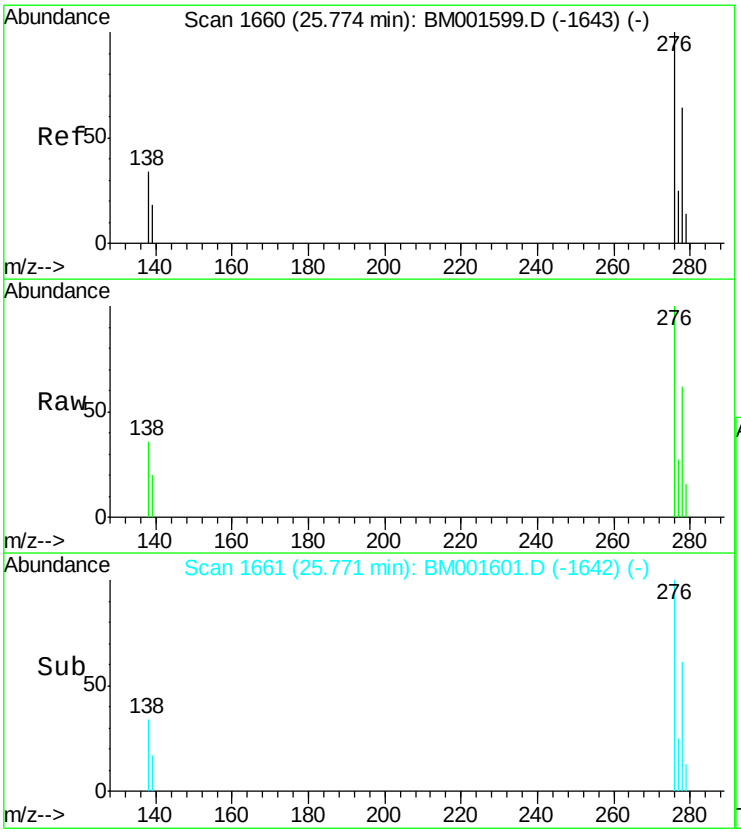
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ng
RT: 21.19 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:149 Resp: 3615

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.2	30.4
279	2.3	1.7	2.5

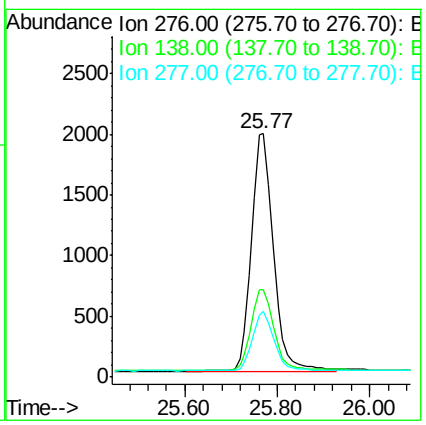


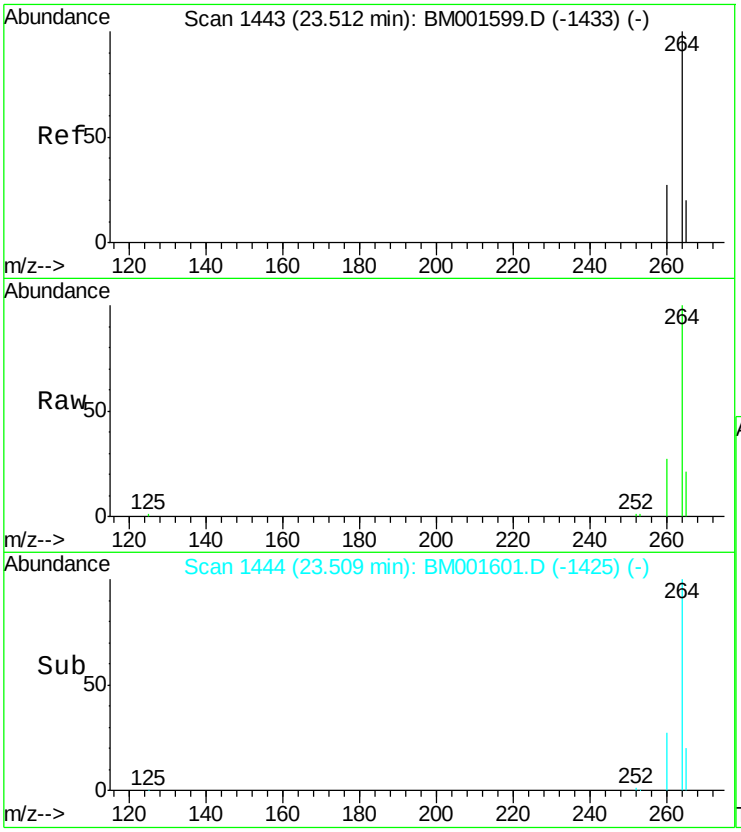


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.46 ng
RT: 25.77 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:276 Resp: 6493

Ion	Ratio	Lower	Upper
276	100		
138	35.5	28.2	42.2
277	24.6	19.4	29.2



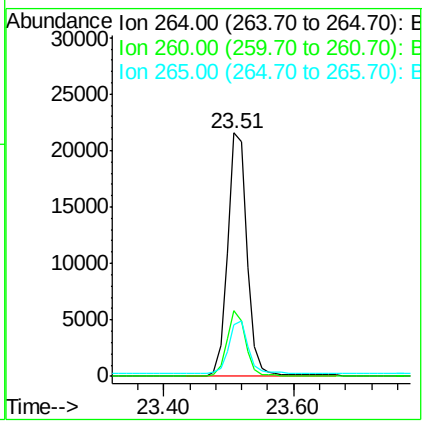


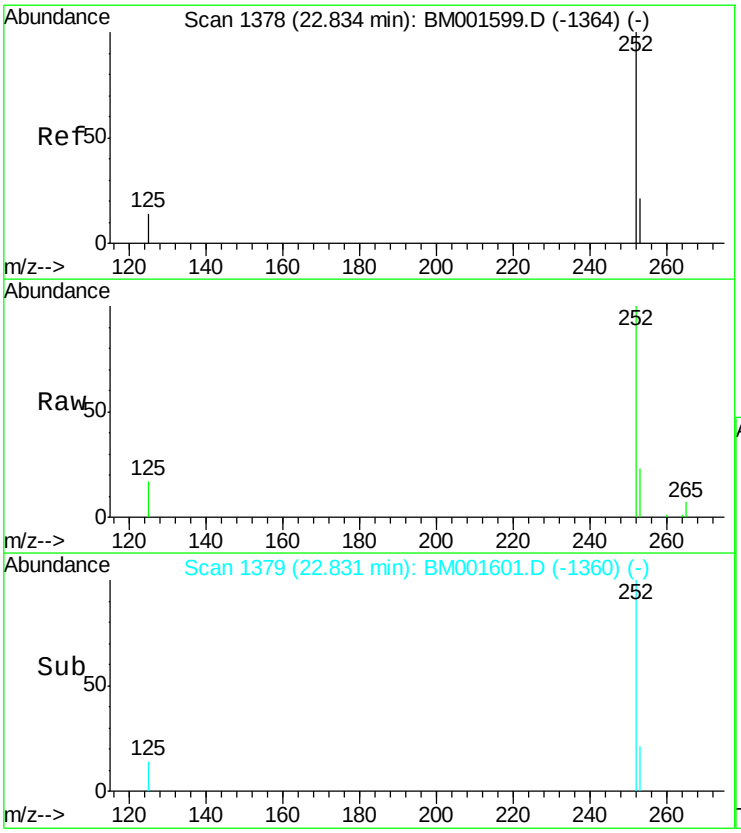
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 44000

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.6
265	21.2	16.8	25.2

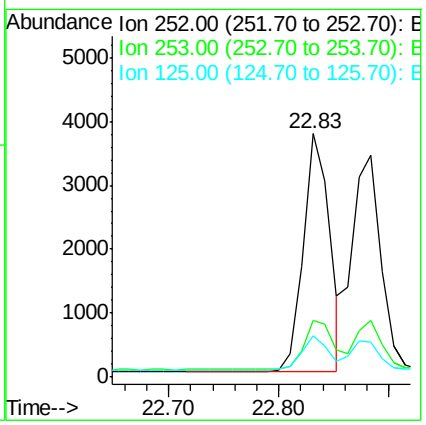


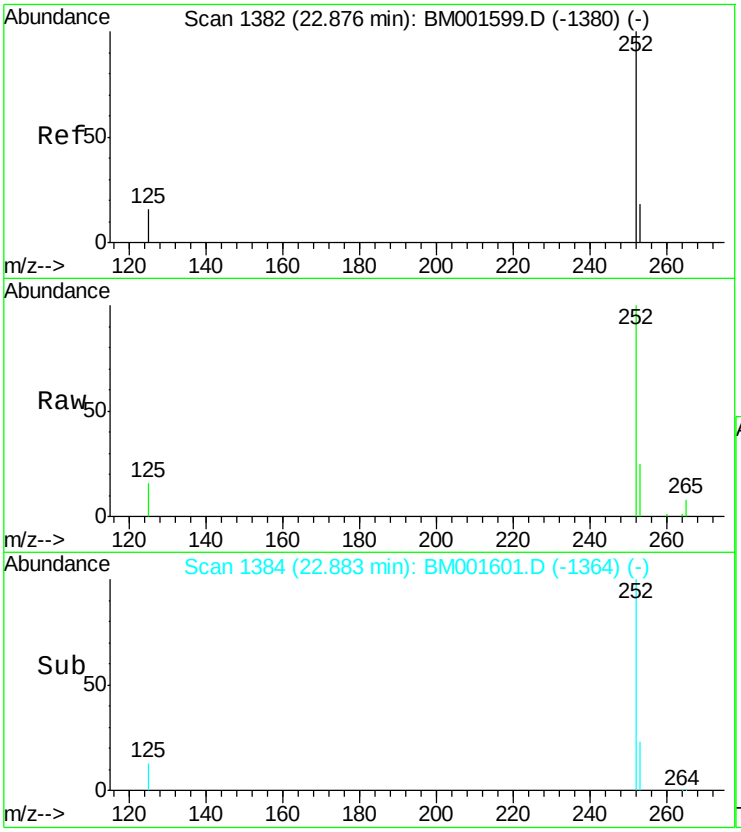


#33
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 22.83 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:252 Resp: 6189

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	16.9	12.4	18.6



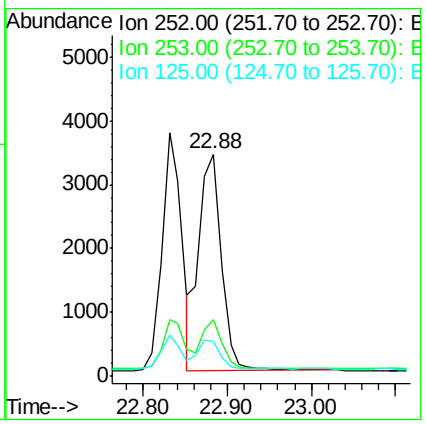


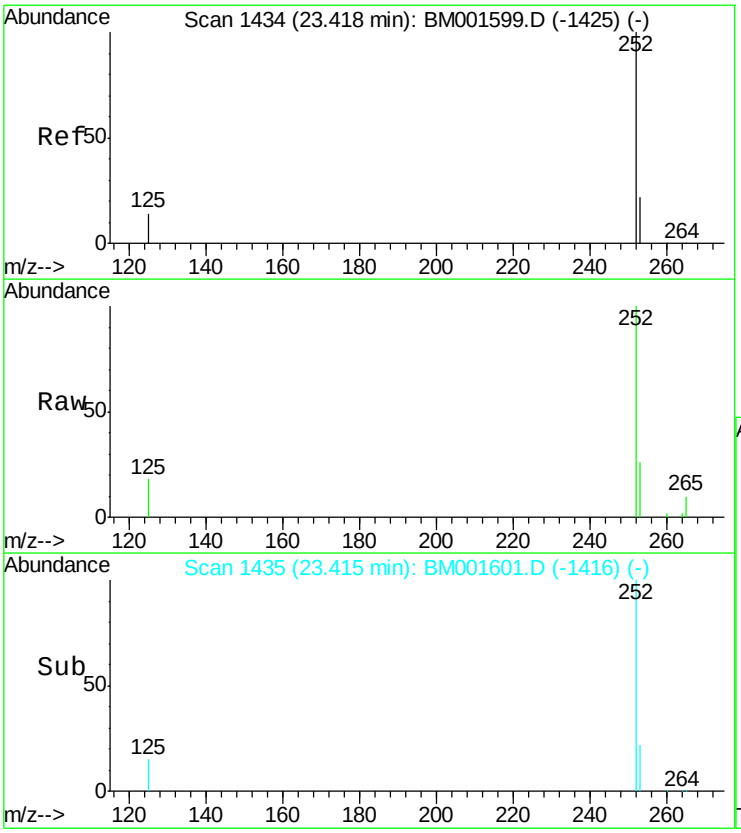
#34
Benzo(k)fluoranthene
Concen: 0.52 ng
RT: 22.88 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 6249

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	15.7	12.8	19.2

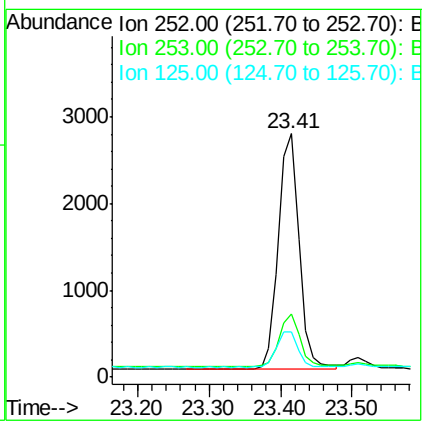


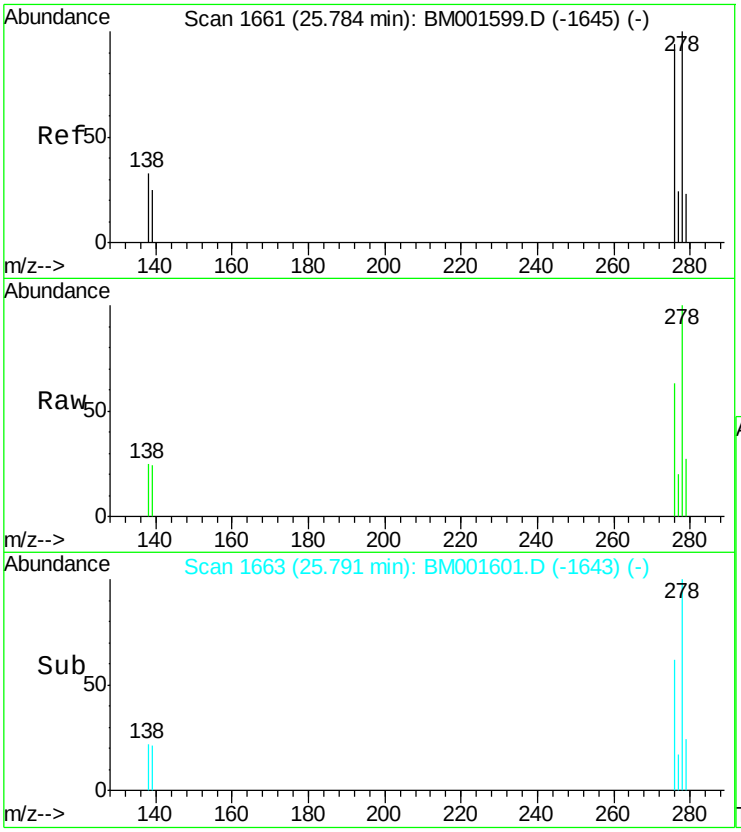


#35
Benzo(a)pyrene
Concen: 0.48 ng
RT: 23.41 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:252 Resp: 5518

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.4	29.0
125	18.5	13.0	19.6



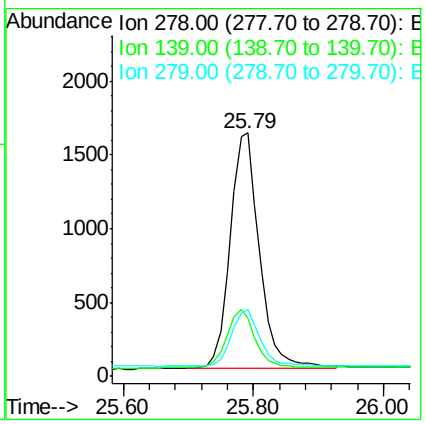


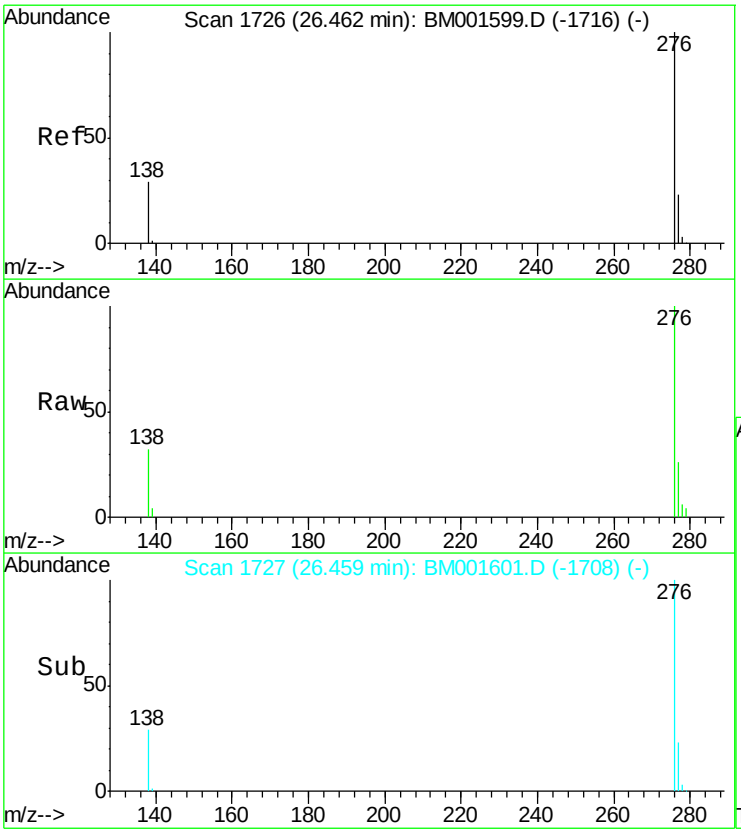
#36
Dibenzo(a,h)anthracene
Concen: 0.44 ng
RT: 25.79 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 4975

Ion	Ratio	Lower	Upper
278	100		
139	23.6	20.6	31.0
279	27.3	19.7	29.5





#37
Benzo(g,h,i)perylene
Concen: 0.46 ng
RT: 26.46 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM001601.D
Acq: 09 Jun 2015 01:47

Tgt Ion:276 Resp: 5510

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.0
138	31.6	24.5	36.7