Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003356.D
Acq On : 02 Dec 2015 14:17
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC002

Quant Time: Dec 02 14:55:48 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 14:33:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	62164	5.00	ng		0.00
7) Naphthalene-d8	10.51	136	262734	5.00	ng		0.00
13) Acenaphthene-d10	14.37	164	144816	5.00	ng		0.00
19) Phenanthrene-d10	17.11	188	313814	5.00	ng		0.00
26) Chrysene-d12	21.33	240	198029	5.00	ng		0.00
35) Perylene-d12	23.58	264	169836	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	24001	1.94	ng		0.00
5) Phenol-d6	6.88	99	29621	1.99	ng		0.00
8) Nitrobenzene-d5	8.88	82	23897	2.03	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	5652	2.04	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	84081	1.87	ng		0.00
29) Terphenyl-d14	19.76	244	62141	1.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	10544	1.61	ng		96
3) n-Nitrosodimethylamine	3.52	42	11574	2.07	ng		98
6) bis(2-Chloroethyl)ether	7.14	93	28794	1.91	ng		99
9) Nitrobenzene	8.92	77	26462	2.12	ng		98
10) Naphthalene	10.56	128	109481	1.88	ng		98
11) Hexachlorobutadiene	10.85	225	17233	1.93	ng		99
12) 2-Methylnaphthalene	12.18	142	74507	1.89	ng		93
16) Acenaphthylene	14.08	152	117037	2.16	ng		100
17) Acenaphthene	14.44	154	69909	1.75	ng	#	100
18) Fluorene	15.42	166	80273	1.81	ng		100
20) 4-Bromophenyl-phenylether	16.32	248	17604	1.91	ng	#	36
21) Hexachlorobenzene	16.42	284	20166	1.77	ng	#	56
22) Pentachlorophenol	16.78	266	6706	2.20	ng	#	81
23) Phenanthrene	17.24	178	120793	1.88	ng		99
24) Anthracene	17.24	178	123890	2.00	ng		96
25) Fluoranthene	19.19	202	122183	1.92	ng		99
27) Benzidine	19.36	184	30504	2.28	ng	#	95
28) Pyrene	19.55	202	139668	1.92	ng		99
30) Benzo(a)anthracene	21.31	228	100621	1.89	ng		98
31) 3,3'-Dichlorobenzidine	21.25	252	28973	2.31	ng	#	96
32) Chrysene	21.35	228	120923	2.02	ng		98
33) Bis(2-ethylhexyl)phthalate	21.23	149	52394	2.16	ng	#	99
34) Indeno(1,2,3-cd)pyrene	25.85	276	98165	2.18	ng	#	80
36) Benzo(b)fluoranthene	22.90	252	102834	1.98	ng		100
37) Benzo(k)fluoranthene	22.94	252	89860	1.94	ng		99
38) Benzo(a)pyrene	23.47	252	84211	2.03	ng		97
39) Dibenzo(a,h)anthracene	25.87	278	79009	2.10	ng		99
40) Benzo(g,h,i)perylene	26.55	276	81682	2.02	ng		95

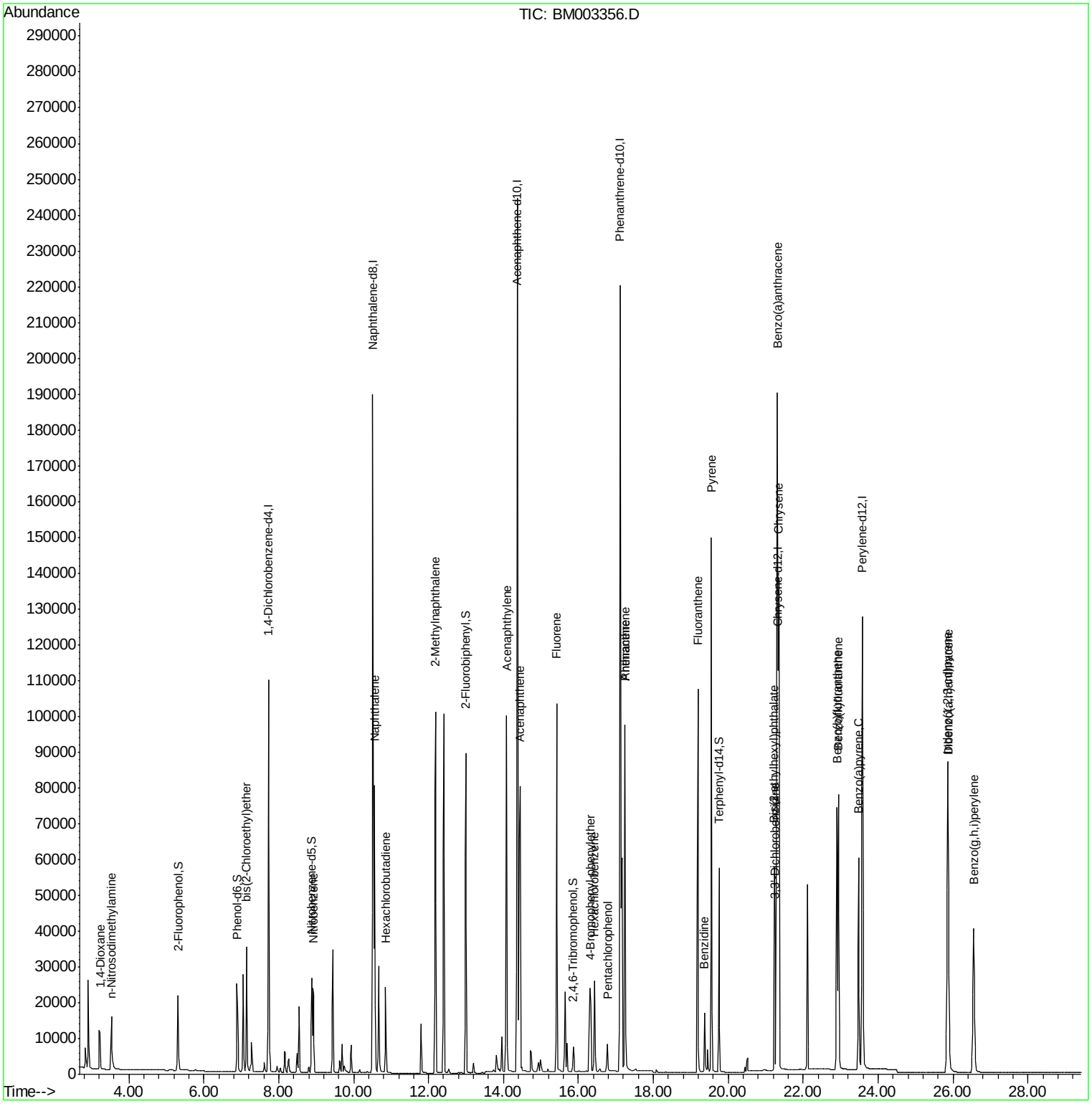
(#) = qualifier out of range (m) = manual integration (+) = signals summed

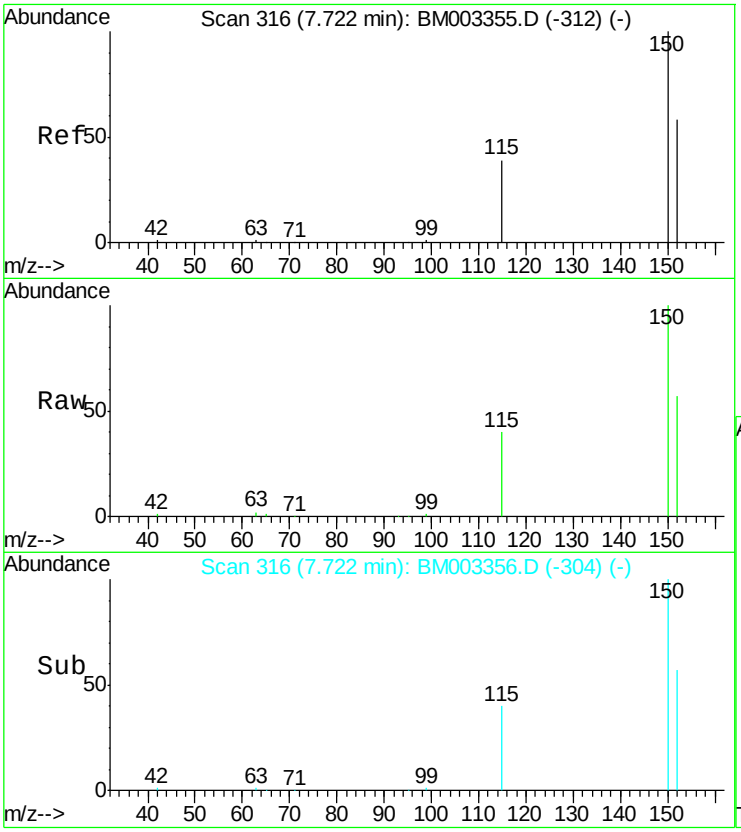
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM120215\
Data File : BM003356.D
Acq On : 02 Dec 2015 14:17
Operator : UM/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Quant Time: Dec 02 14:55:48 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 14:33:51 2015
Response via : Initial Calibration



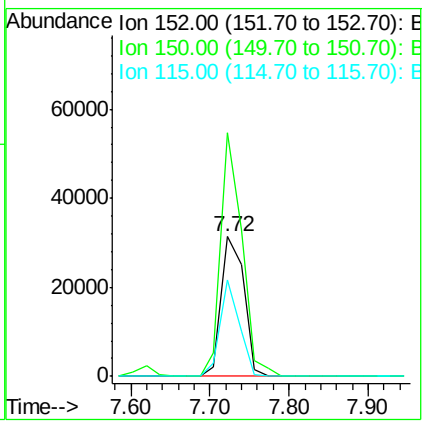


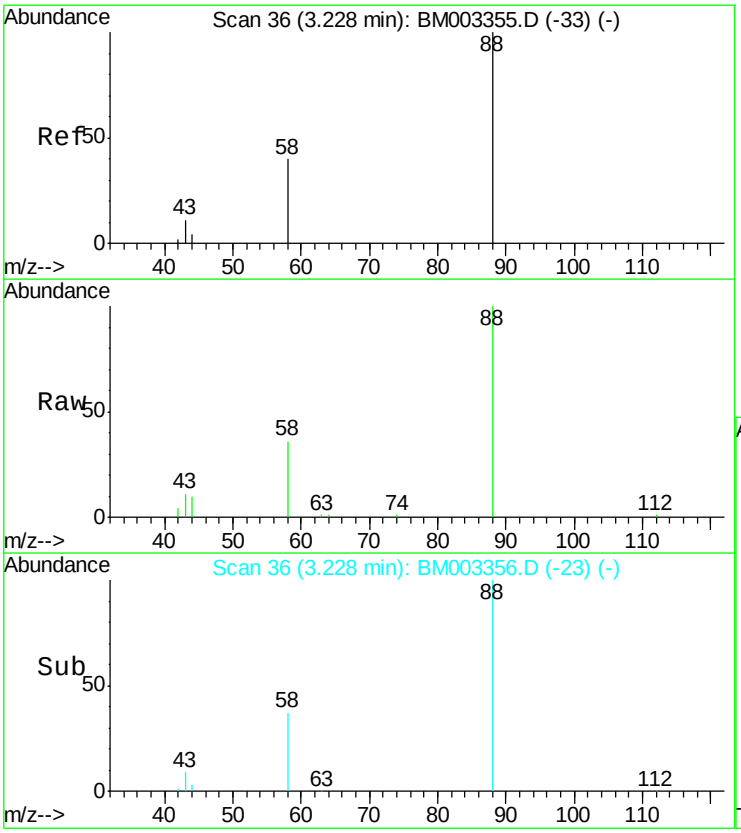
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 62164

Ion	Ratio	Lower	Upper
152	100		
150	174.3	143.6	215.4
115	69.2	58.5	87.7

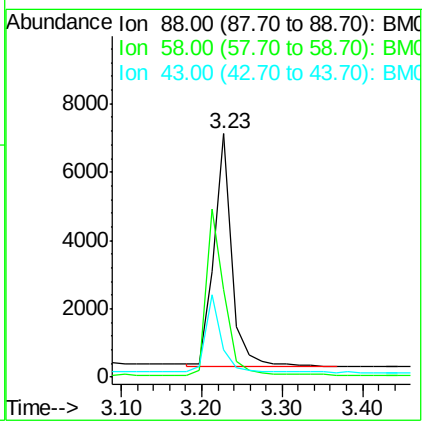


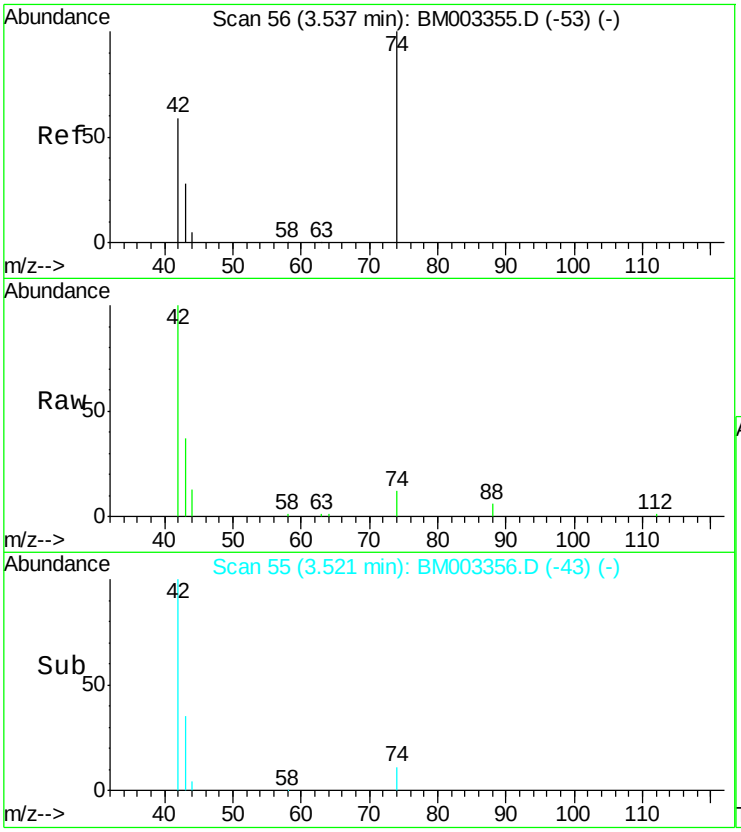


#2
1,4-Dioxane
Concen: 1.61 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion: 88 Resp: 10544

Ion	Ratio	Lower	Upper
88	100		
58	71.8	55.2	82.8
43	29.7	21.8	32.6



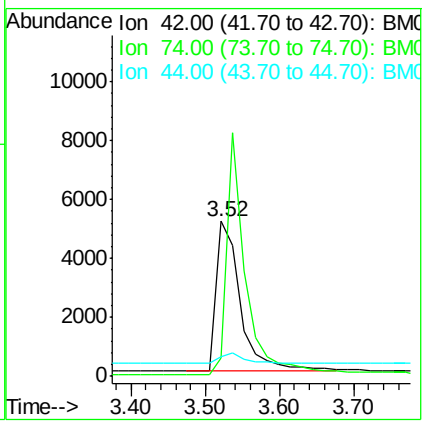


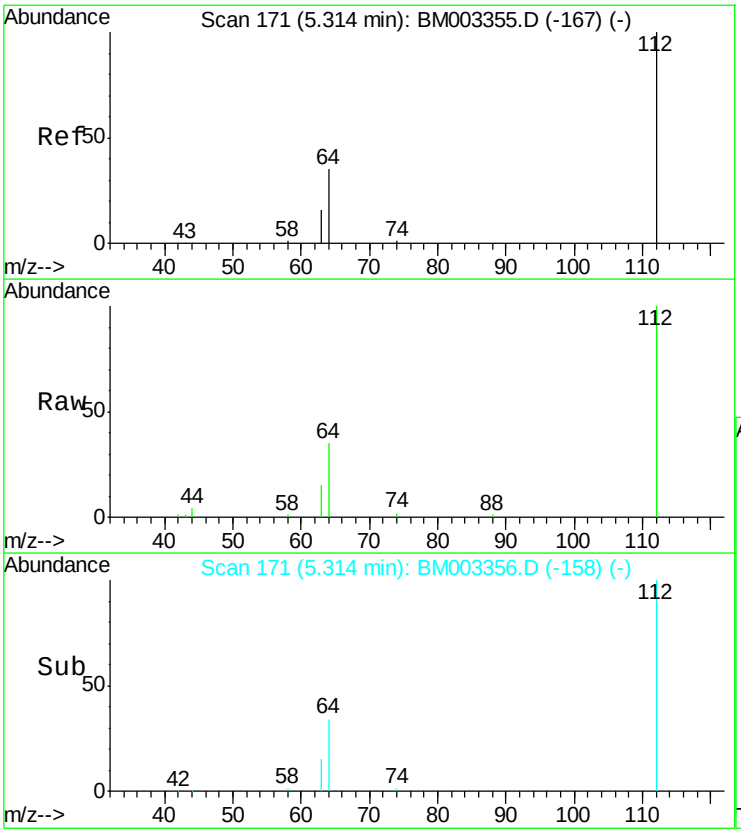
#3
n-Nitrosodimethylamine
Concen: 2.07 ng
RT: 3.52 min Scan# 55
Delta R.T. -0.02 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 11574

Ion	Ratio	Lower	Upper
42	100		
74	124.1	101.0	151.4
44	7.1	6.3	9.5

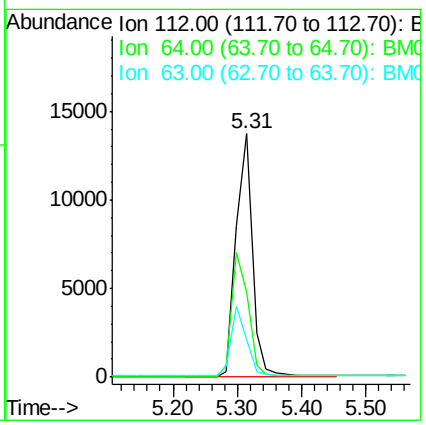


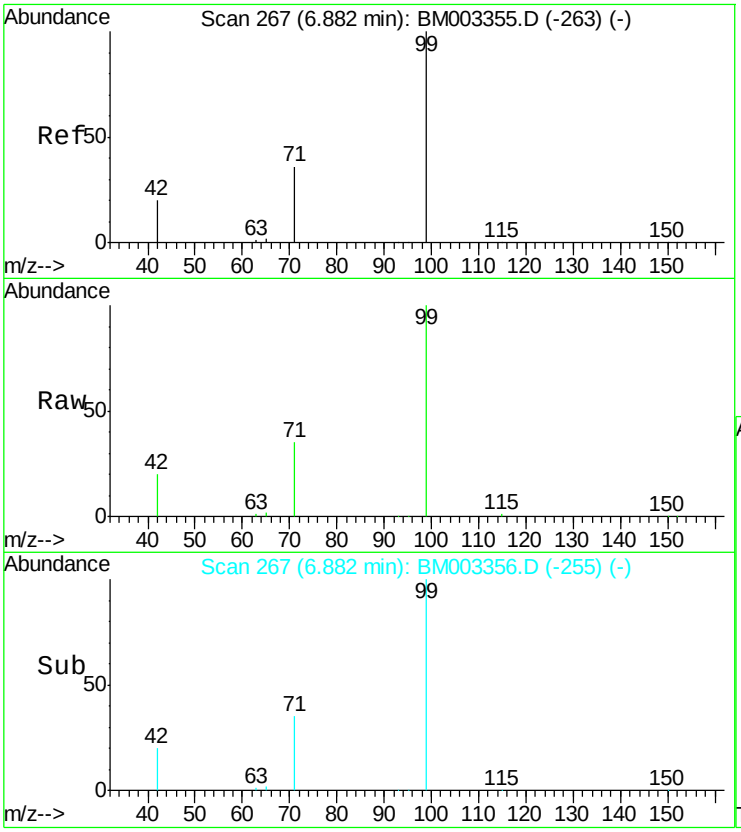


#4
2-Fluorophenol
Concen: 1.94 ng
RT: 5.31 min Scan# 171
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:112 Resp: 24001

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.2	61.8
63	26.9	21.2	31.8



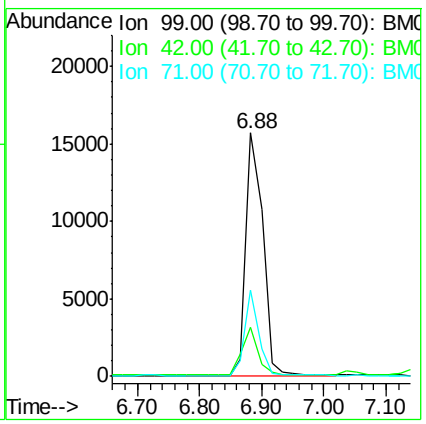


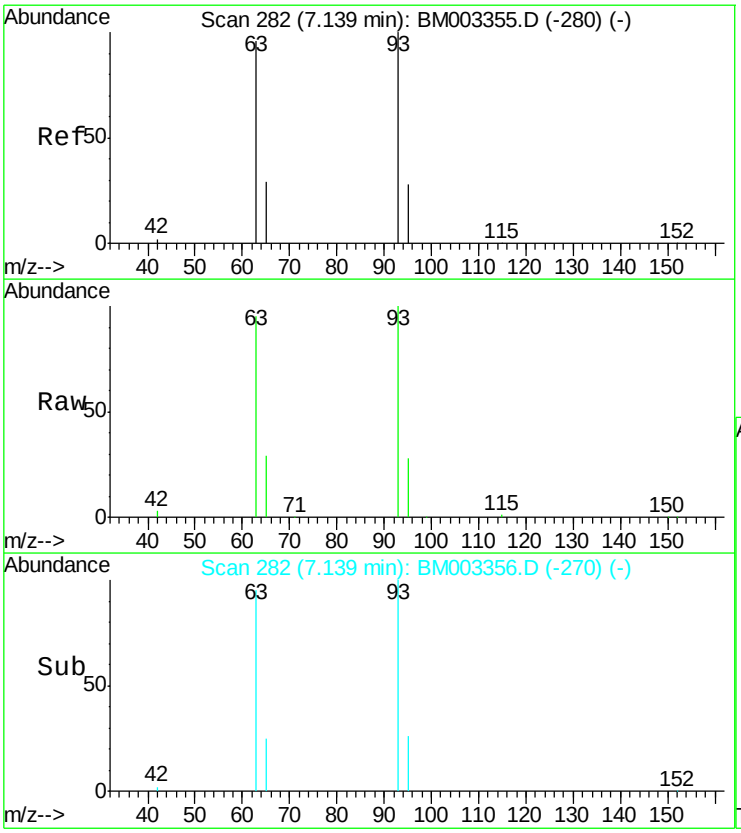
#5
Phenol-d6
Concen: 1.99 ng
RT: 6.88 min Scan# 267
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 29621

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	22.0
71	29.3	23.3	34.9

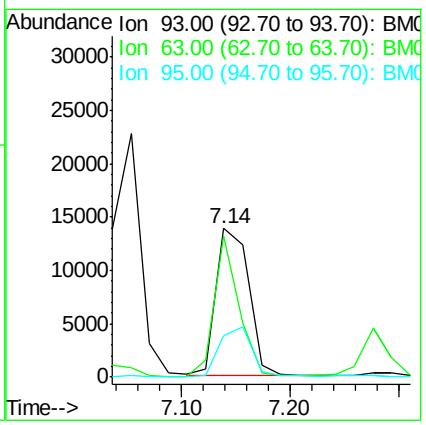


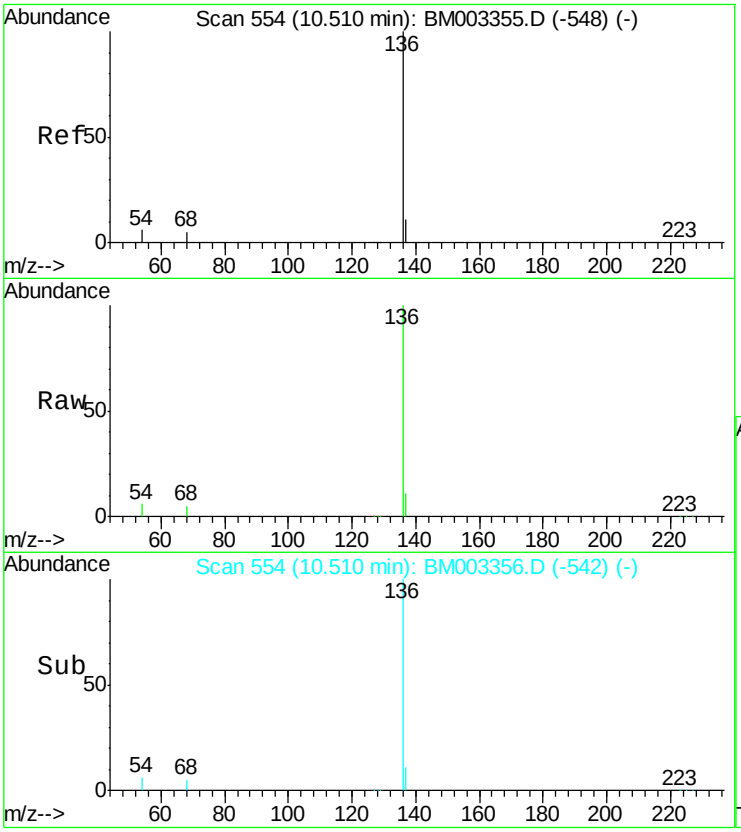


#6
bis(2-Chloroethyl)ether
Concen: 1.91 ng
RT: 7.14 min Scan# 282
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion: 93 Resp: 28794

Ion	Ratio	Lower	Upper
93	100		
63	72.1	58.2	87.4
95	32.4	26.2	39.4



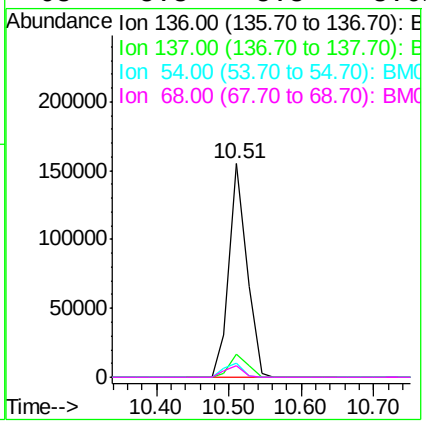


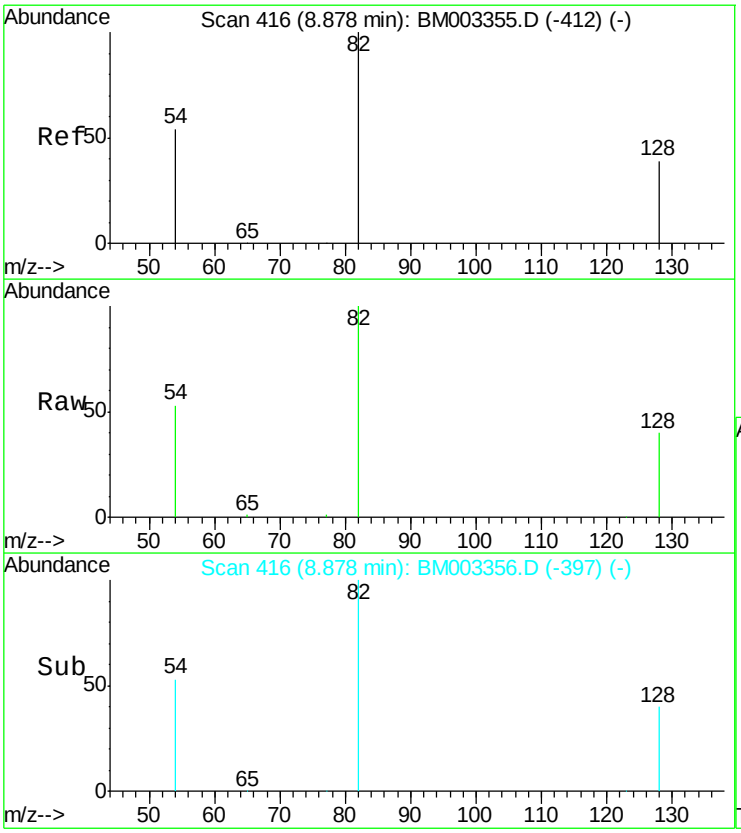
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 554
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:136 Resp: 262734

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.0	12.0
54	6.4	7.4	11.0#
68	5.3	5.8	8.6#

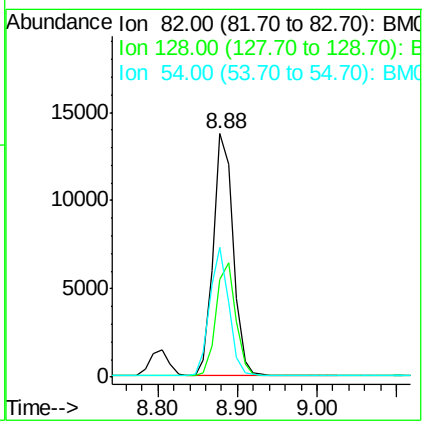


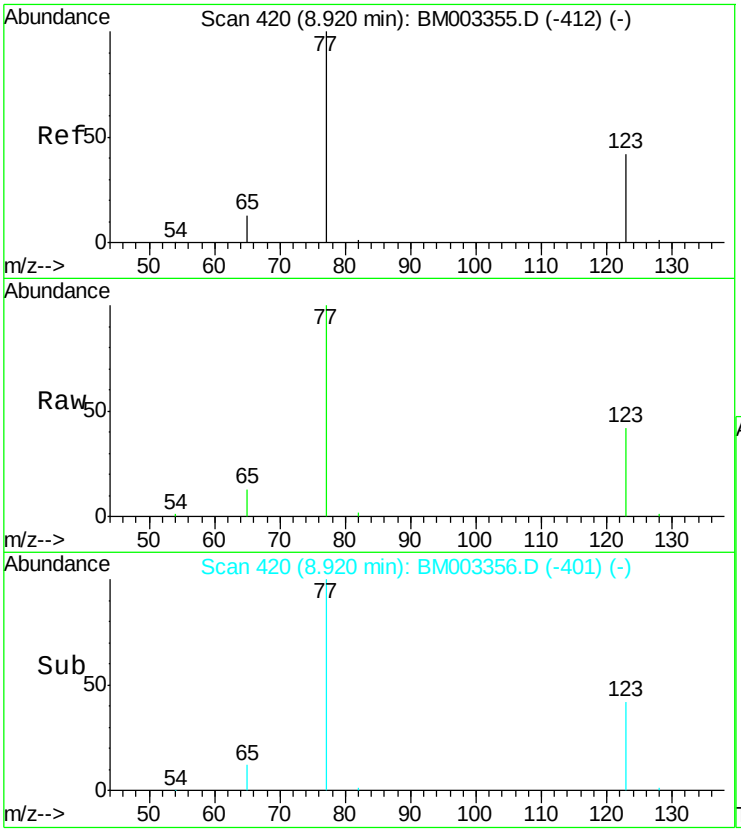


#8
Nitrobenzene-d5
Concen: 2.03 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion: 82 Resp: 23897

Ion	Ratio	Lower	Upper
82	100		
128	40.0	35.2	52.8
54	53.1	36.4	54.6



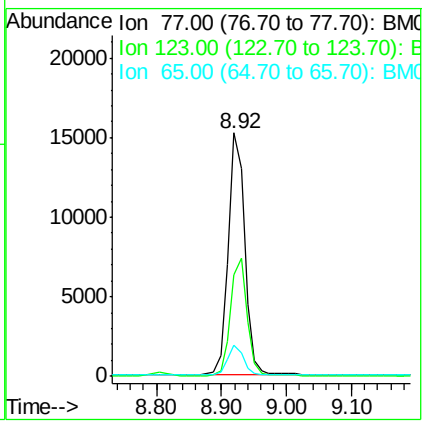


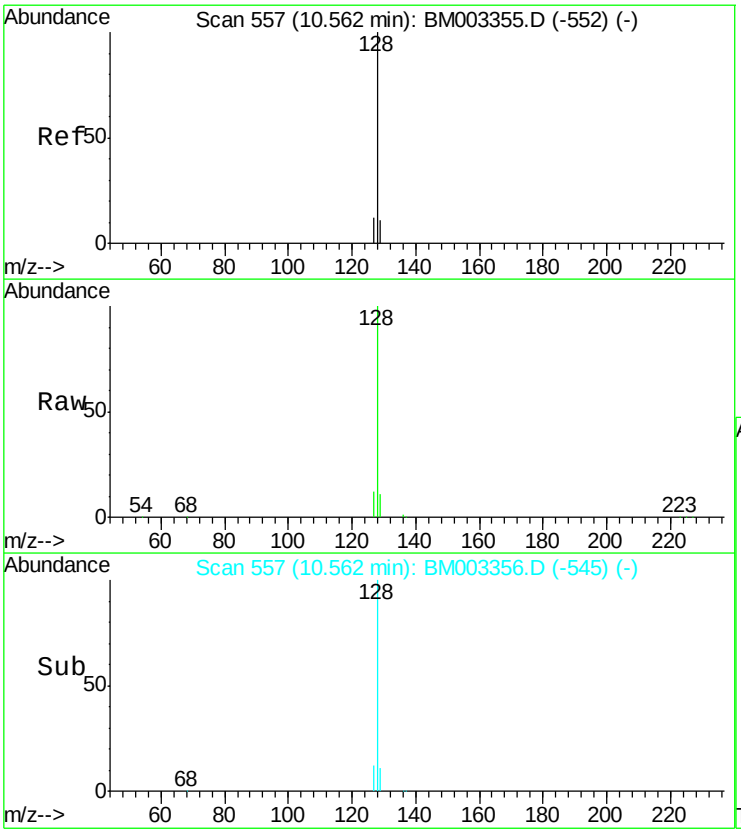
#9
Nitrobenzene
Concen: 2.12 ng
RT: 8.92 min Scan# 420
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 26462

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.7	56.5
65	12.2	9.8	14.6

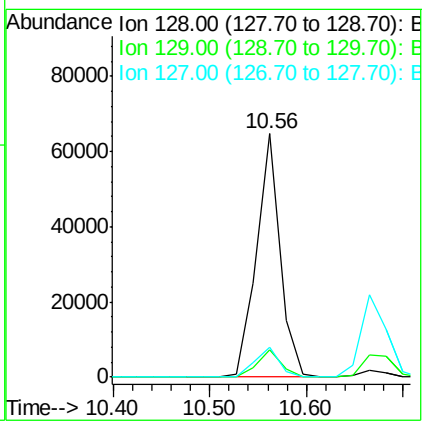


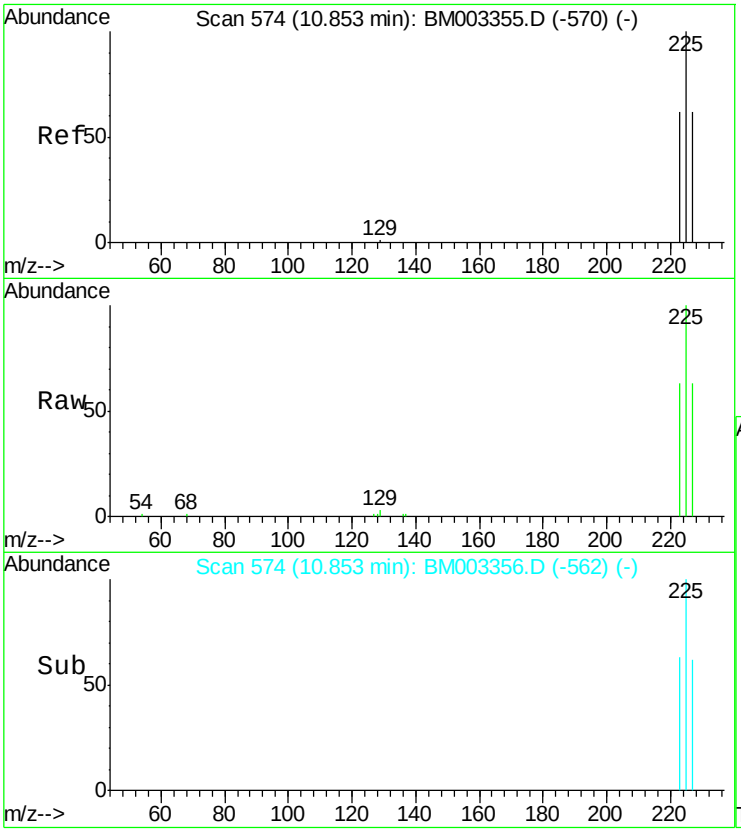


#10
Naphthalene
Concen: 1.88 ng
RT: 10.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:128 Resp: 109481

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	12.3	10.6	16.0



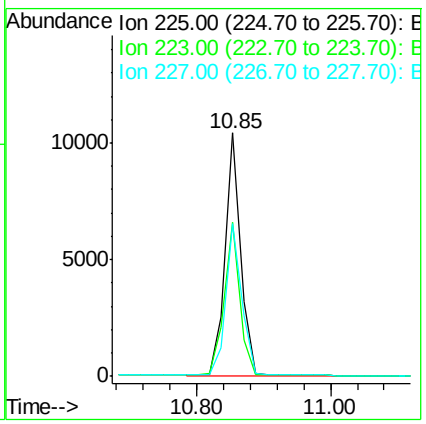


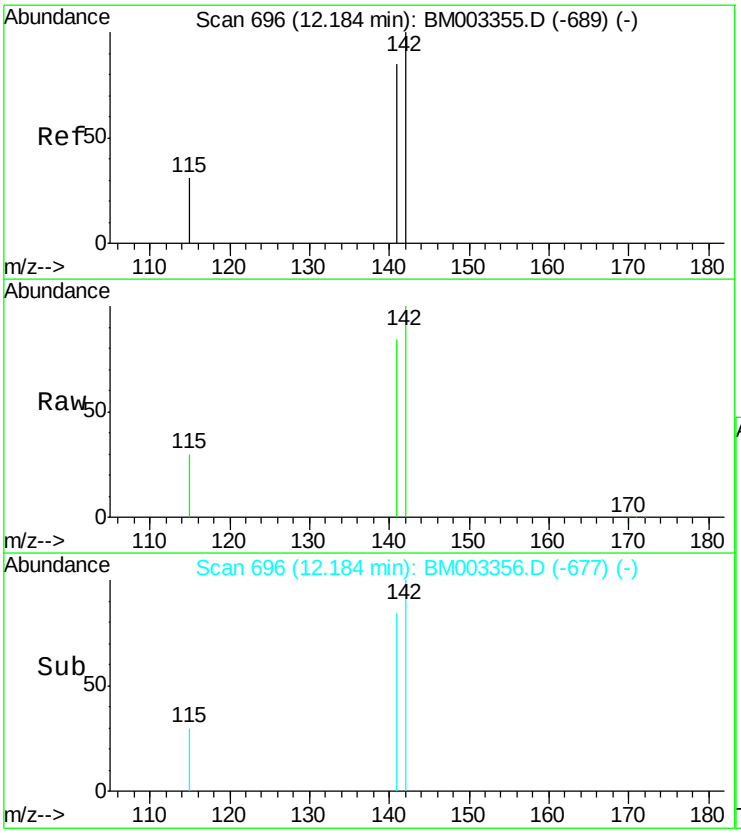
#11
Hexachlorobutadiene
Concen: 1.93 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:225 Resp: 17233

Ion	Ratio	Lower	Upper
225	100		
223	65.0	53.0	79.4
227	64.8	52.2	78.4

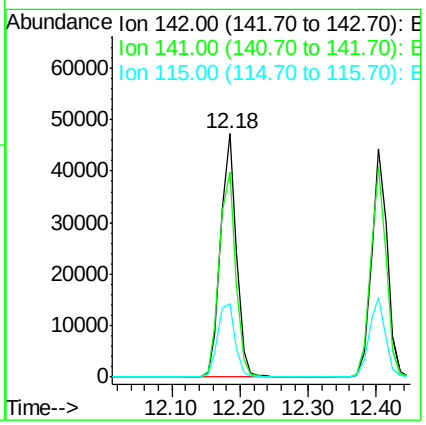


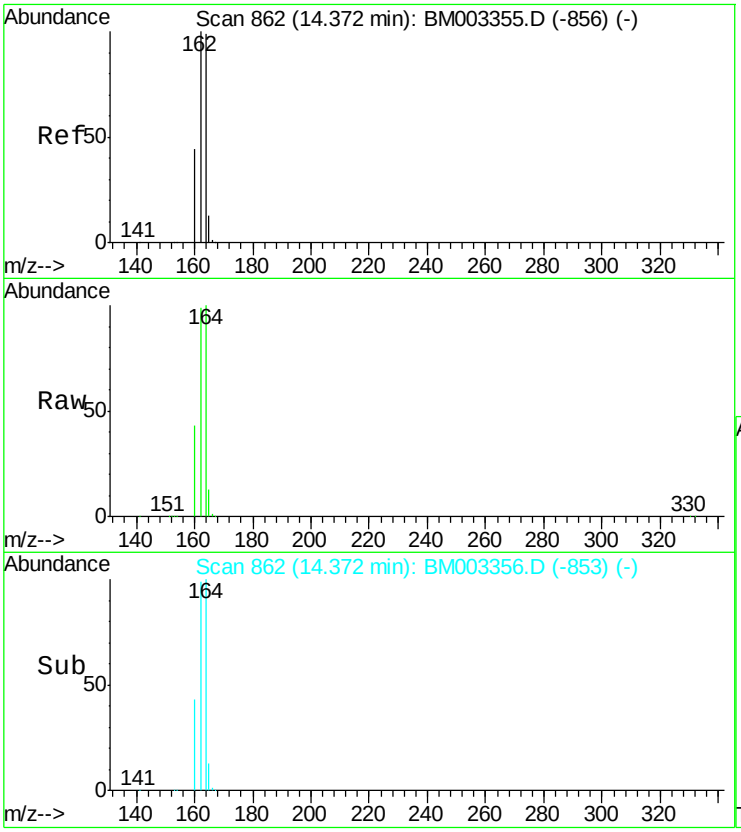


#12
2-Methylnaphthalene
Concen: 1.89 ng
RT: 12.18 min Scan# 696
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:142 Resp: 74507

Ion	Ratio	Lower	Upper
142	100		
141	84.1	72.2	108.2
115	29.9	28.0	42.0



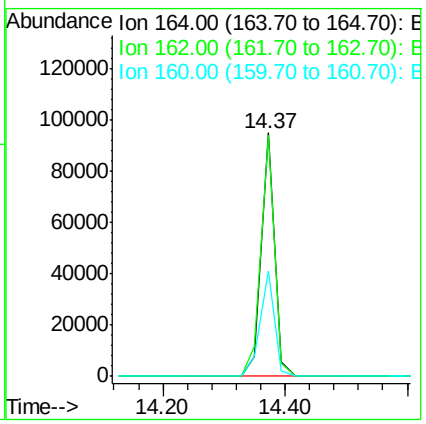


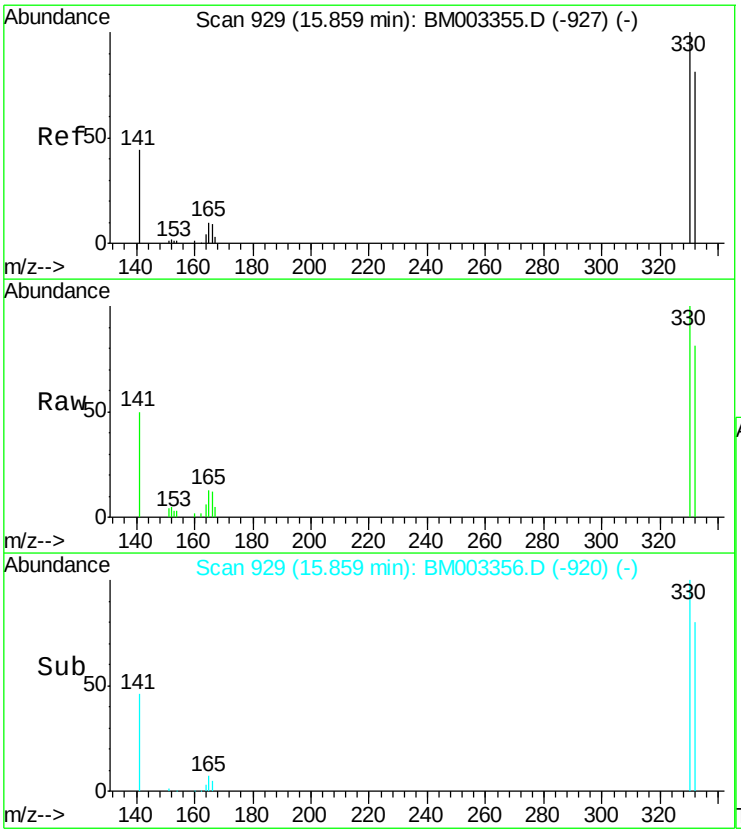
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:164 Resp: 144816

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.3	117.5
160	43.4	33.8	50.6

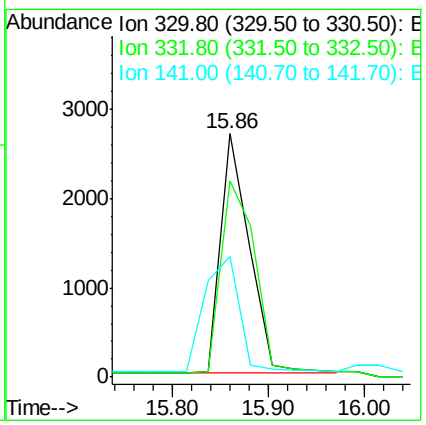


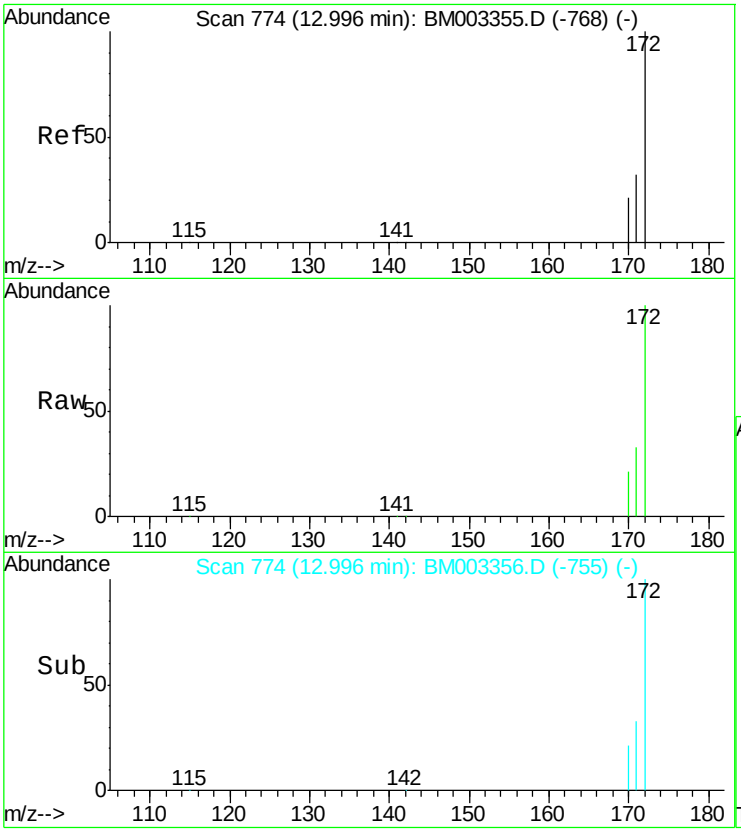


#14
2,4,6-Tribromophenol
Concen: 2.04 ng
RT: 15.86 min Scan# 929
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:330 Resp: 5652

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.0	114.0
141	57.3	0.0	0.0#



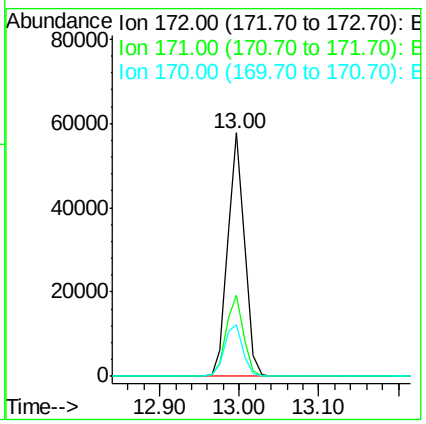


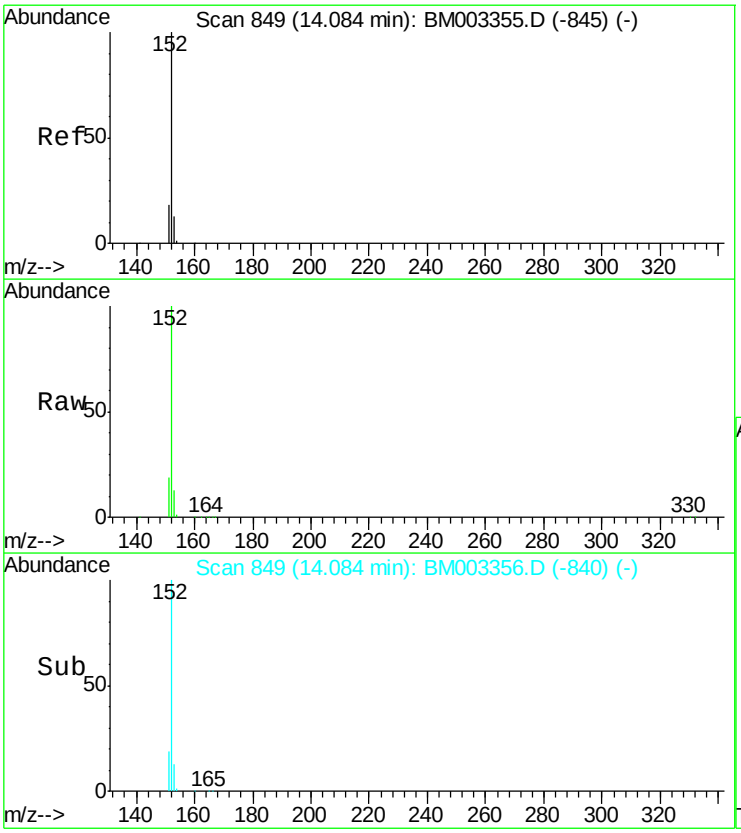
#15
2-Fluorobiphenyl
Concen: 1.87 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:172 Resp: 84081

Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.0	42.0
170	21.4	18.9	28.3

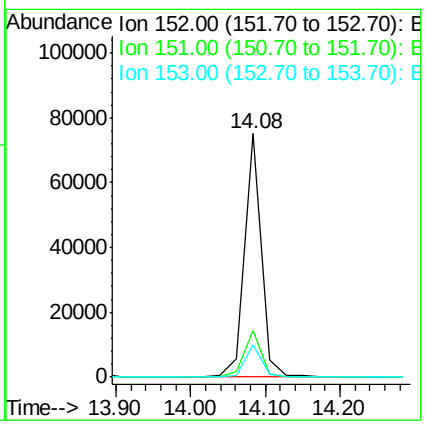


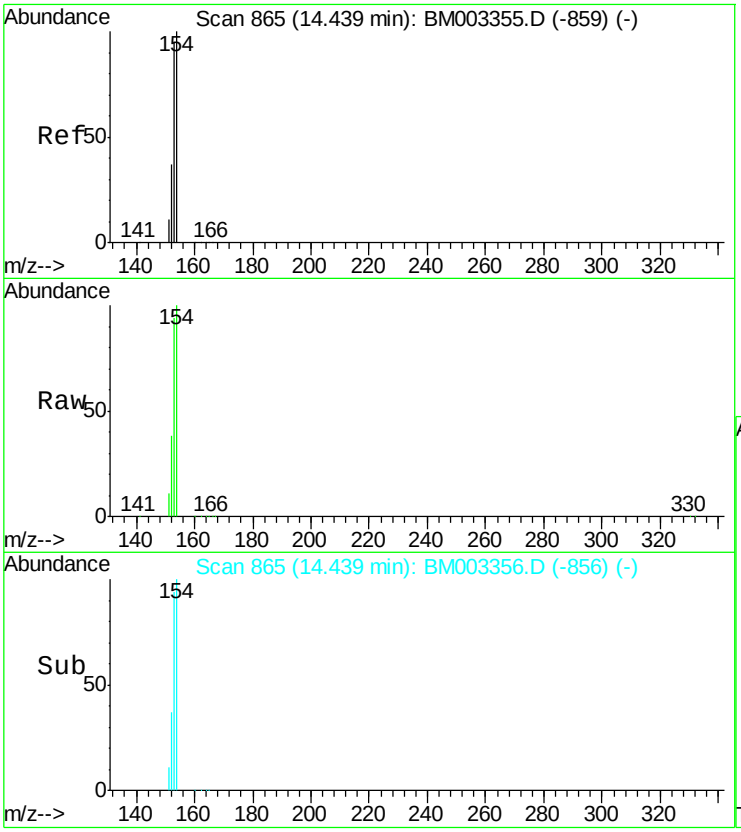


#16
Acenaphthylene
Concen: 2.16 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:152 Resp: 117037

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8
153	13.0	10.4	15.6



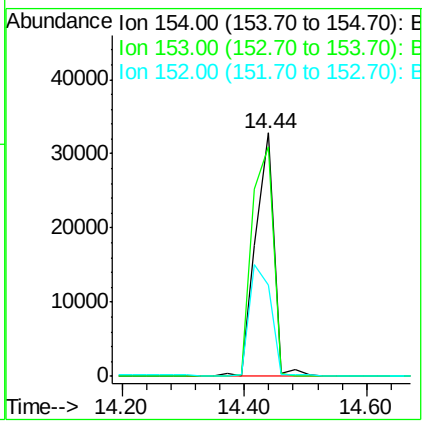


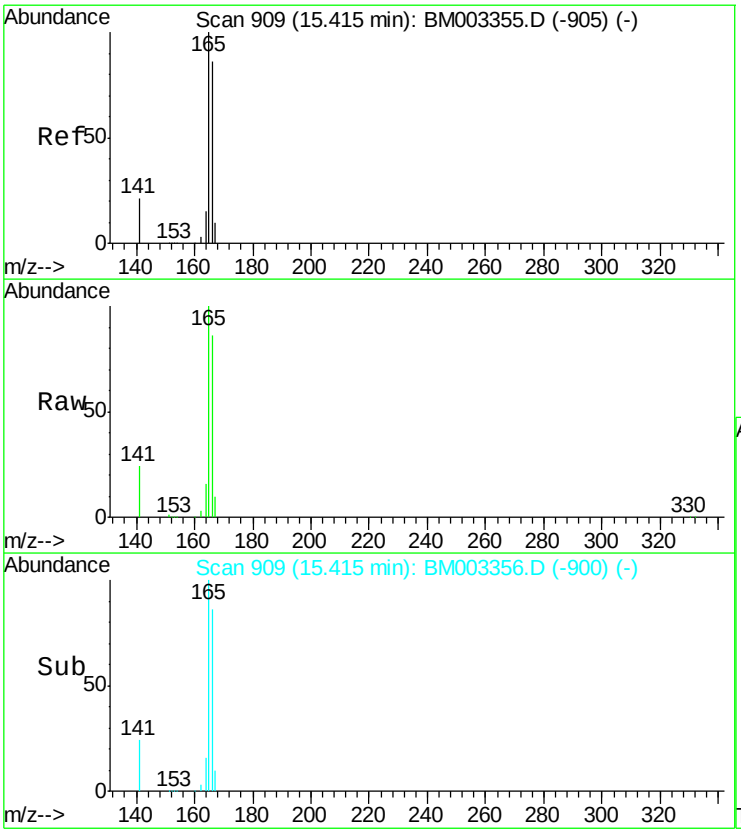
#17
Acenaphthene
Concen: 1.75 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:154 Resp: 69909

Ion	Ratio	Lower	Upper
154	100		
153	107.9	0.0	0.0#
152	0.0	0.0	0.0

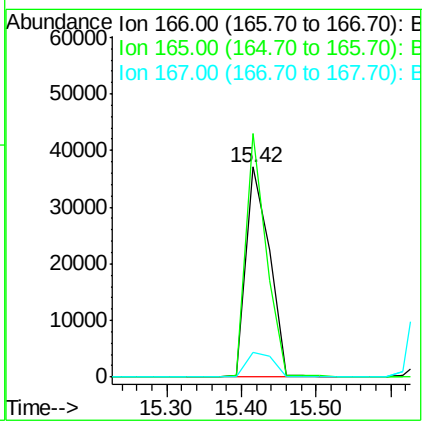


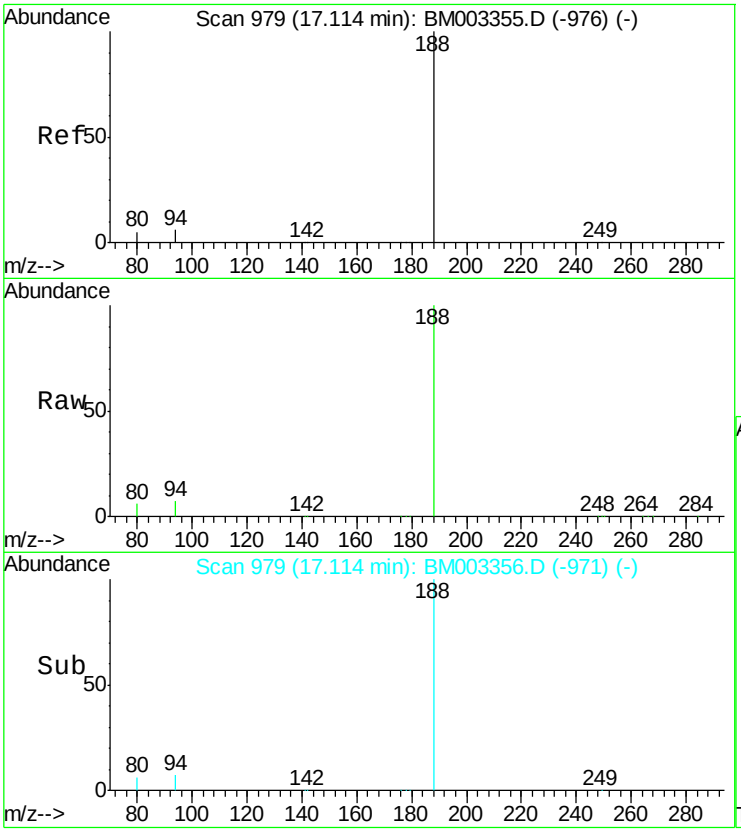


#18
Fluorene
Concen: 1.81 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:166 Resp: 80273

Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.8	121.2
167	13.2	10.5	15.7



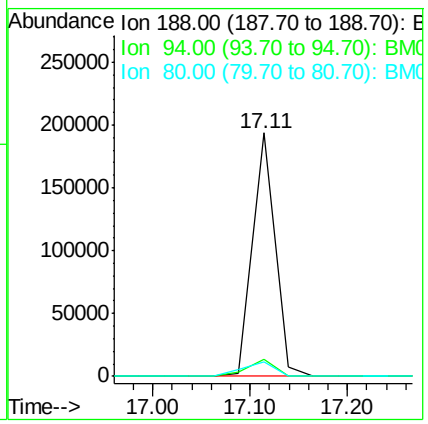


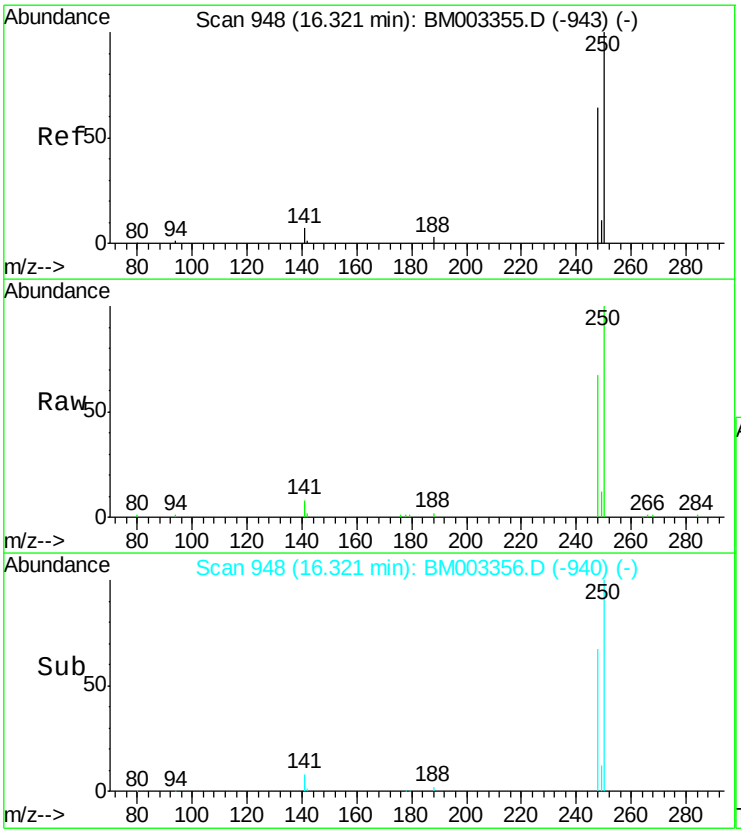
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:188 Resp: 313814

Ion	Ratio	Lower	Upper
188	100		
94	6.9	1.8	2.6#
80	6.0	1.4	2.0#

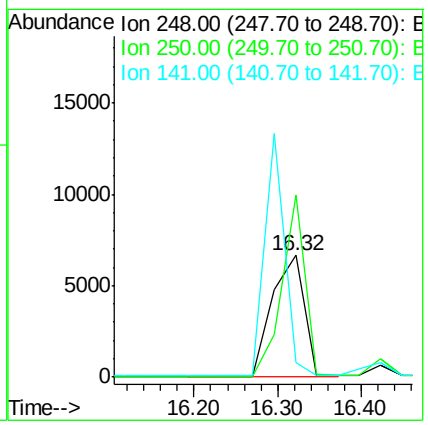


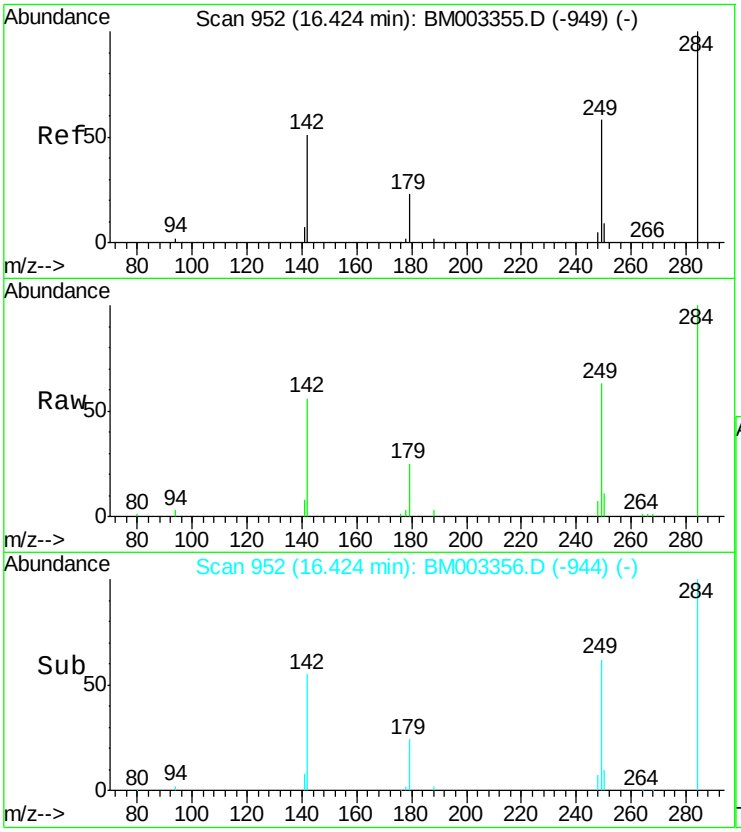


#20
4-Bromophenyl-phenylether
Concen: 1.91 ng
RT: 16.32 min Scan# 948
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:248 Resp: 17604

Ion	Ratio	Lower	Upper
248	100		
250	107.1	65.4	98.0#
141	0.0	72.8	109.2#



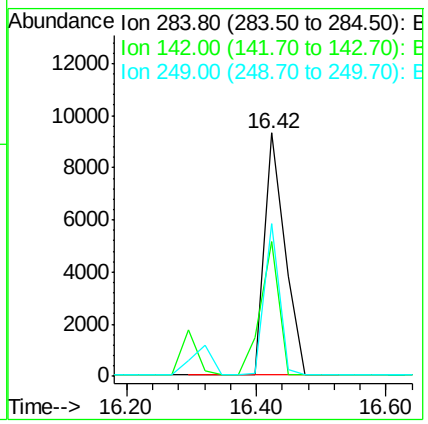


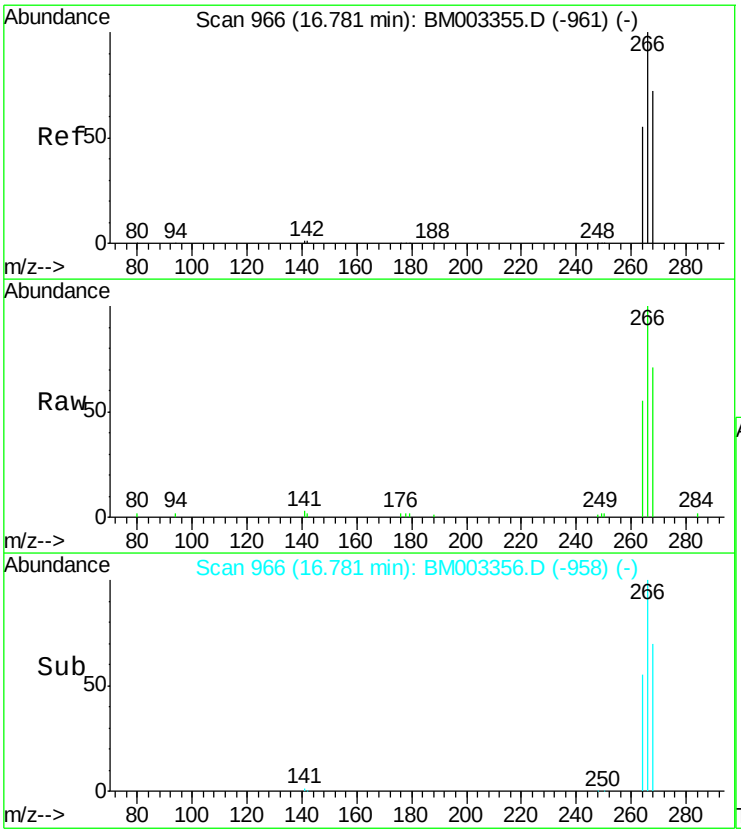
#21
Hexachlorobenzene
Concen: 1.77 ng
RT: 16.42 min Scan# 952
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:284 Resp: 20166

Ion	Ratio	Lower	Upper
284	100		
142	50.4	0.0	0.0#
249	46.2	19.4	29.2#

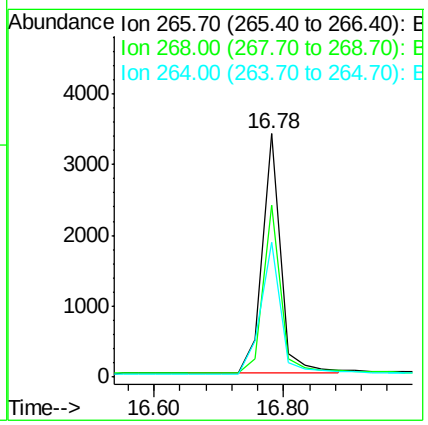


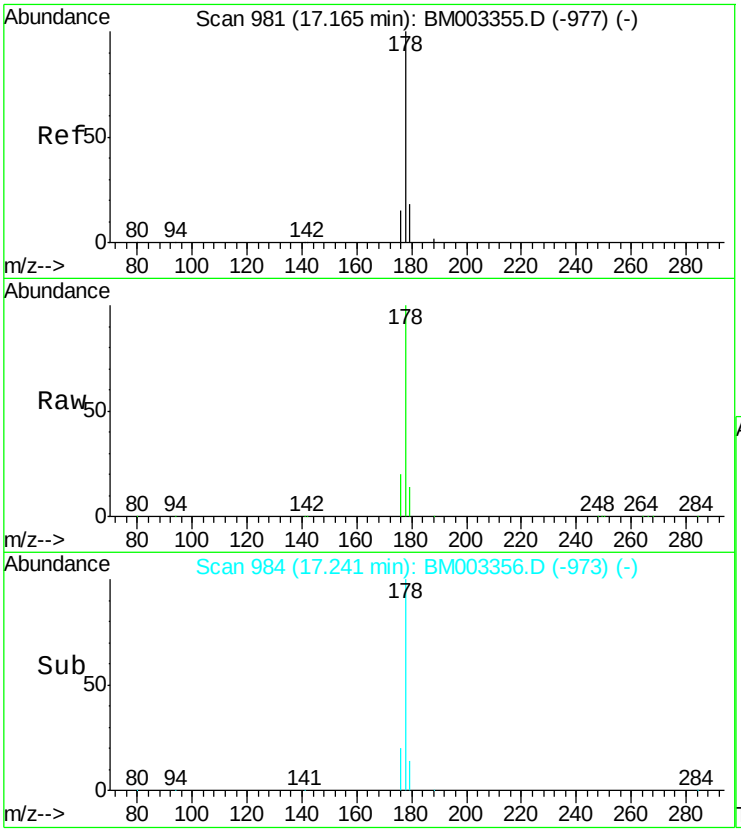


#22
Pentachlorophenol
Concen: 2.20 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:266 Resp: 6706

Ion	Ratio	Lower	Upper
266	100		
268	70.6	45.8	68.8#
264	55.3	56.7	85.1#



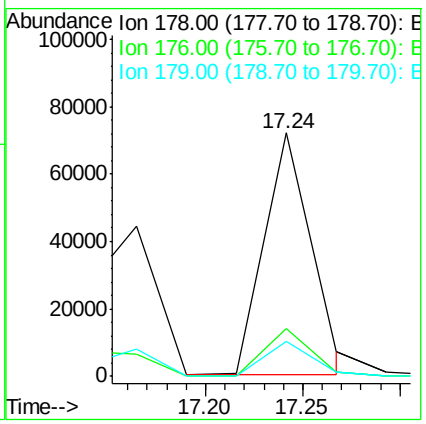


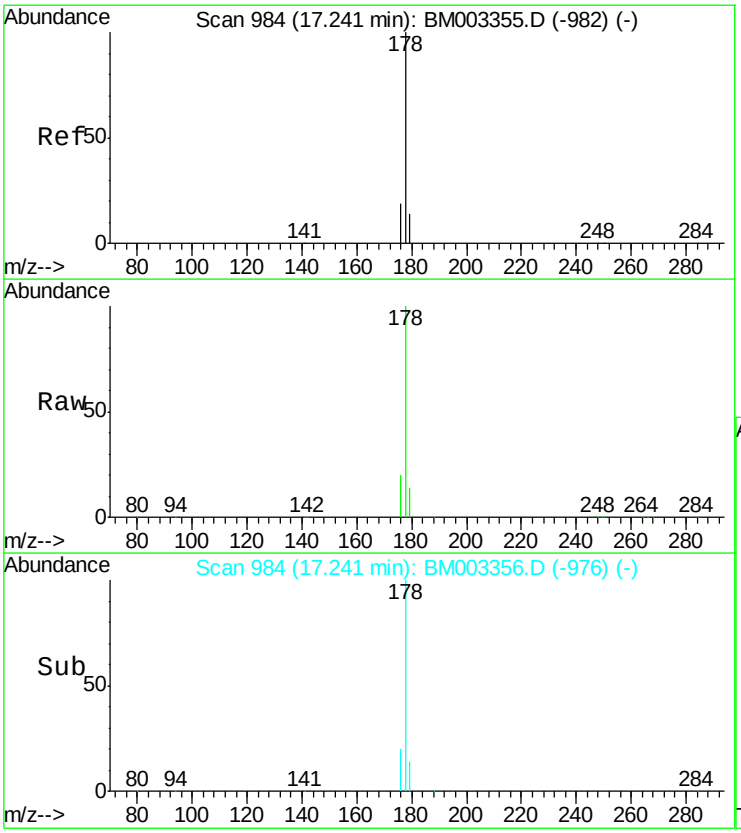
#23
Phenanthrene
Concen: 1.88 ng
RT: 17.24 min Scan# 984
Delta R.T. 0.08 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 120793

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	14.5	11.7	17.5

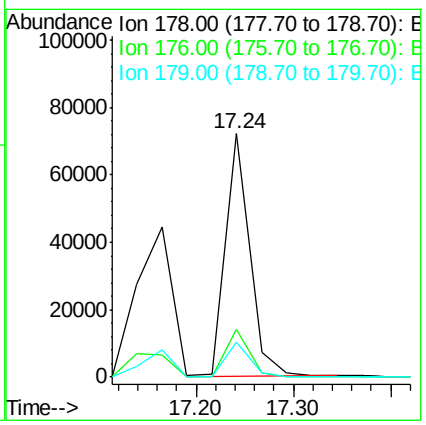


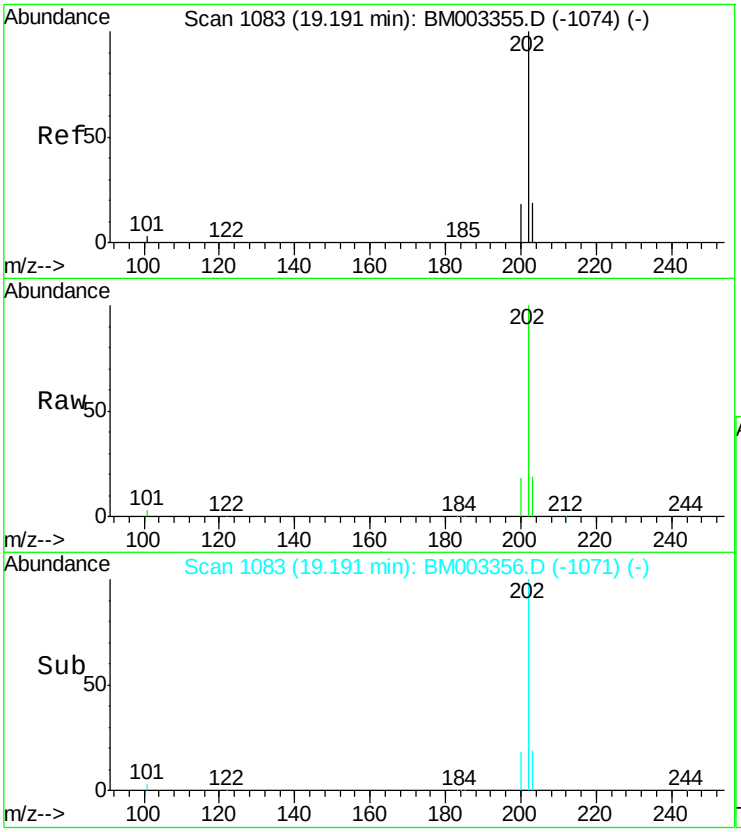


#24
Anthracene
Concen: 2.00 ng
RT: 17.24 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:178 Resp: 123890

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.1	21.1
179	14.5	12.8	19.2



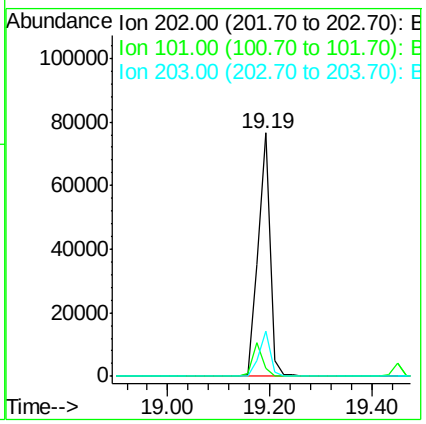


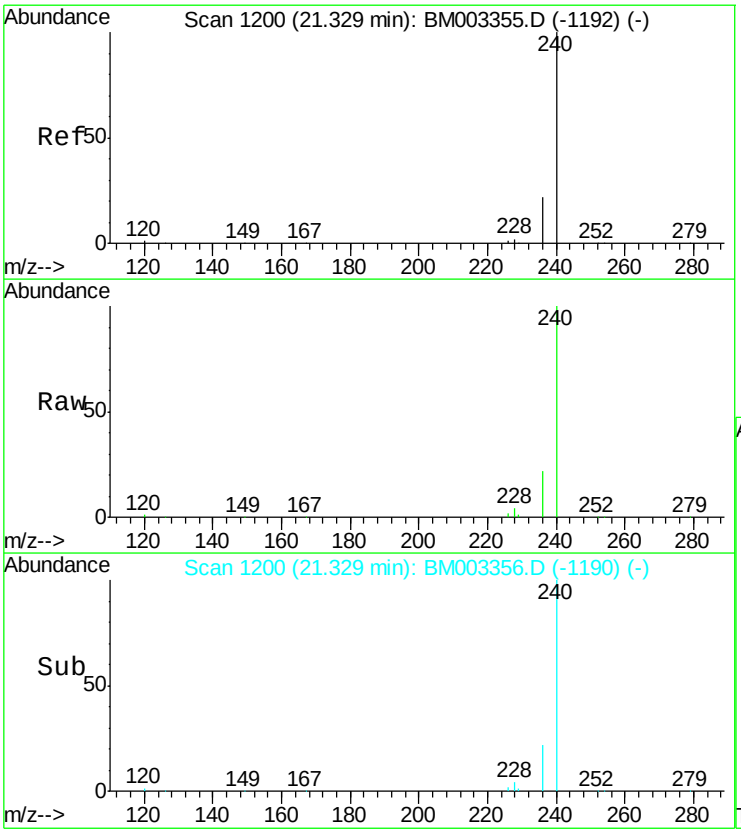
#25
Fluoranthene
Concen: 1.92 ng
RT: 19.19 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:202 Resp: 122183

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.9	14.9
203	17.3	13.9	20.9

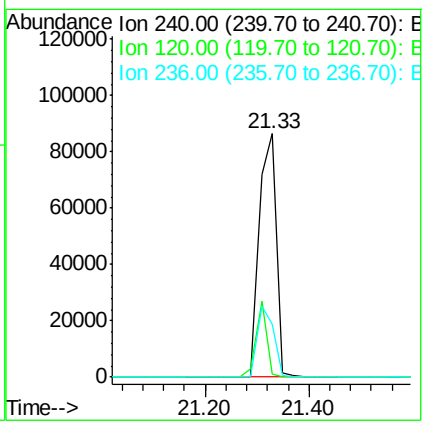


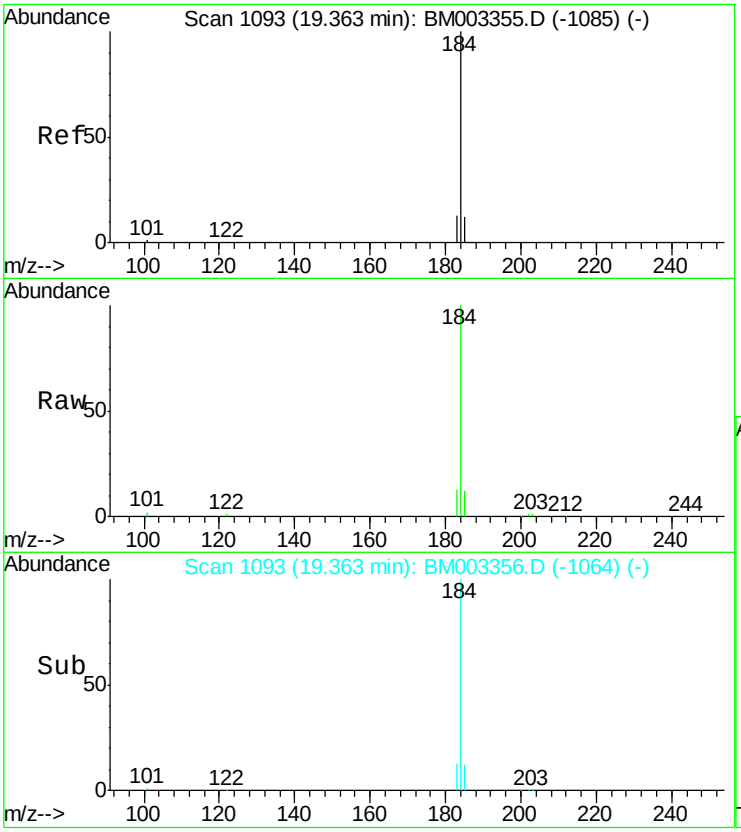


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:240 Resp: 198029

Ion	Ratio	Lower	Upper
240	100		
120	1.1	1.0	1.4
236	21.9	17.9	26.9



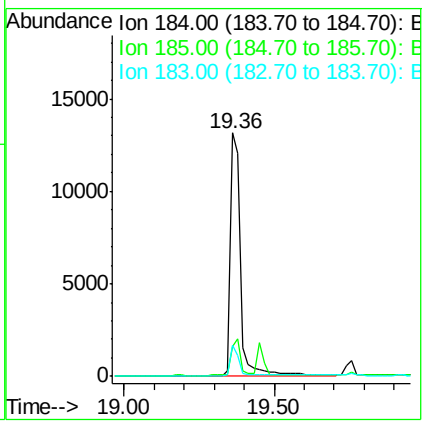


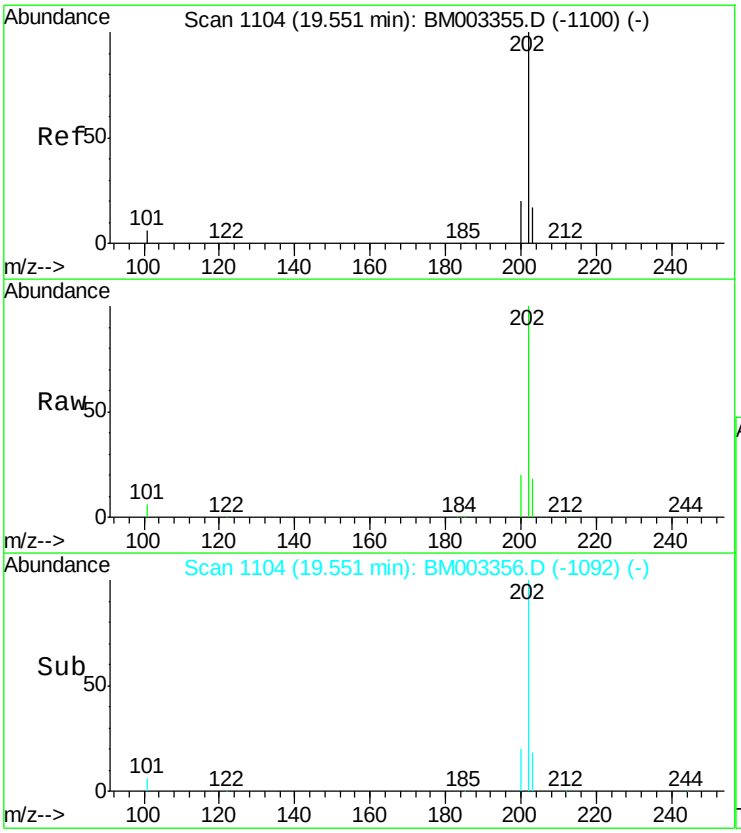
#27
Benzidine
Concen: 2.28 ng
RT: 19.36 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:184 Resp: 30504

Ion	Ratio	Lower	Upper
184	100		
185	12.5	11.6	17.4
183	13.0	8.6	13.0#

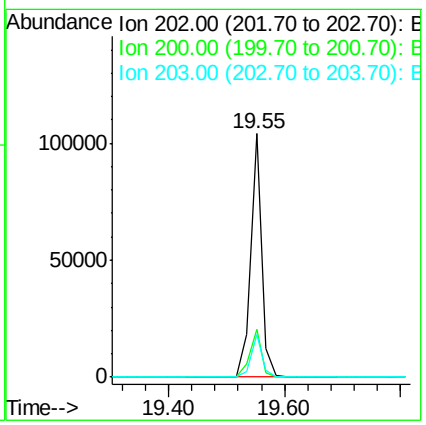


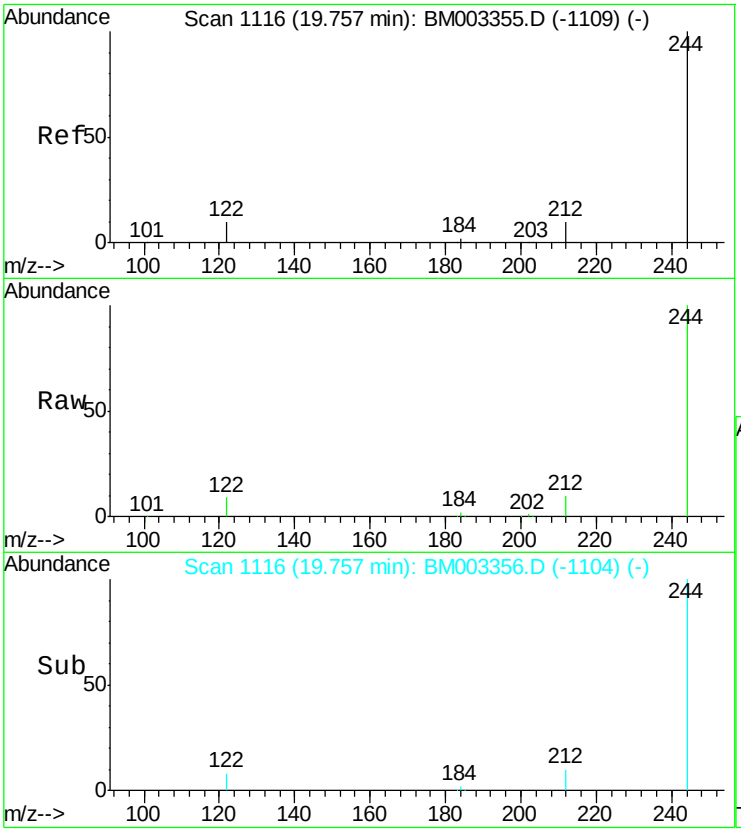


#28
Pyrene
Concen: 1.92 ng
RT: 19.55 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:202 Resp: 139668

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.7	25.1
203	17.6	13.8	20.6



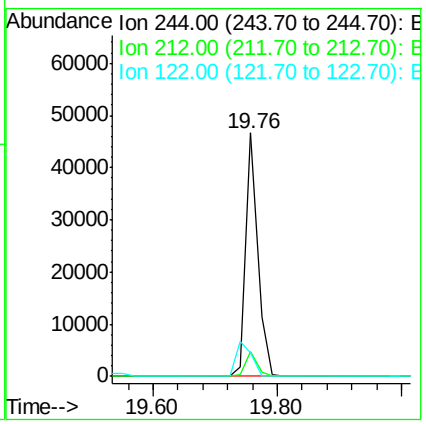


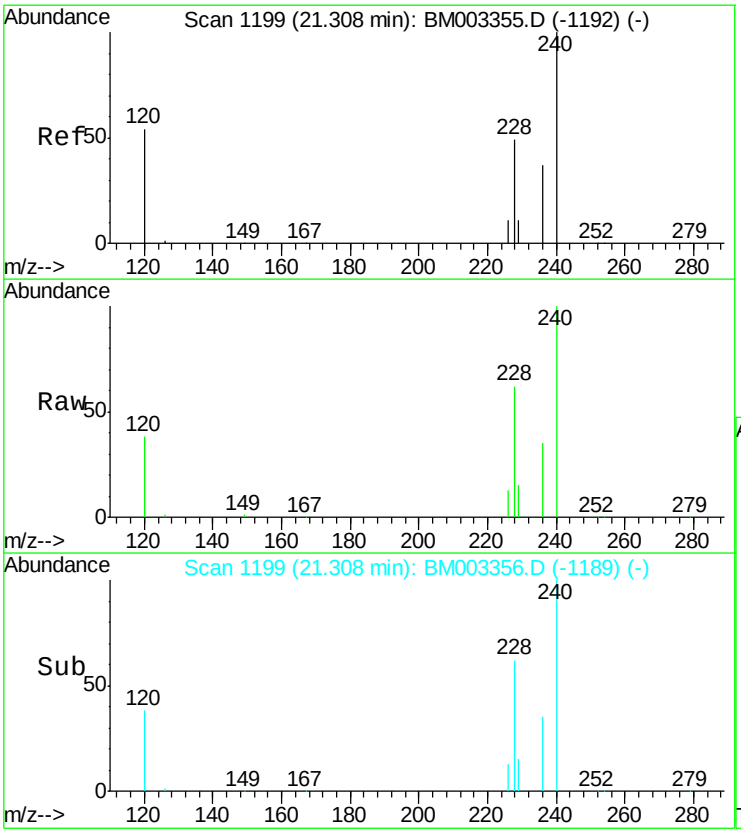
#29
Terphenyl-d14
Concen: 1.90 ng
RT: 19.76 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 62141

Ion	Ratio	Lower	Upper
244	100		
212	10.1	6.5	9.7#
122	9.4	2.0	3.0#

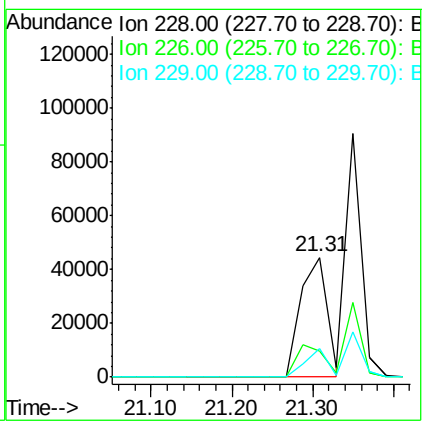


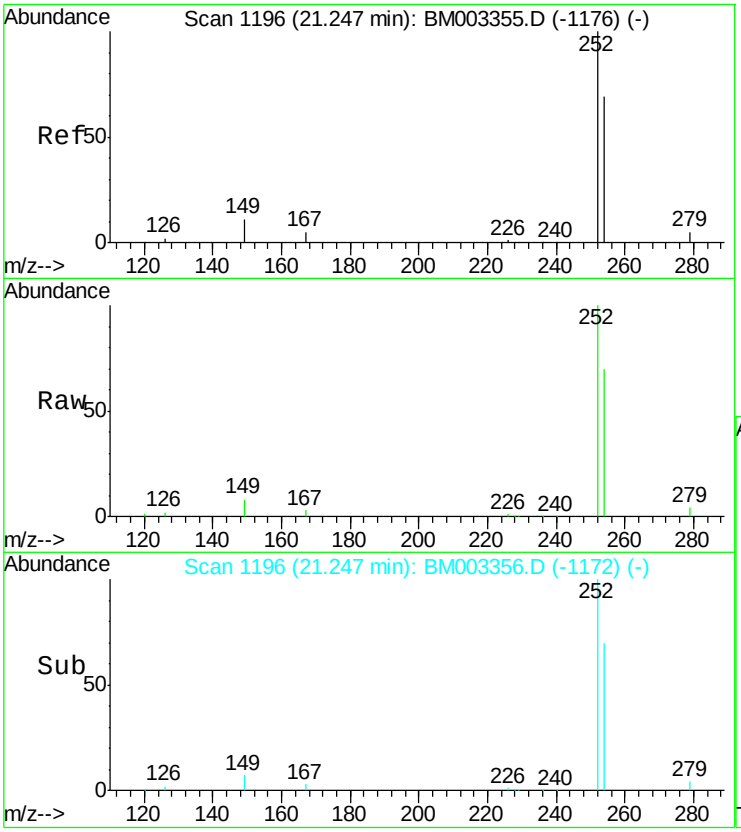


#30
Benzo(a)anthracene
Concen: 1.89 ng
RT: 21.31 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:228 Resp: 100621

Ion	Ratio	Lower	Upper
228	100		
226	21.5	17.8	26.6
229	23.6	18.0	27.0



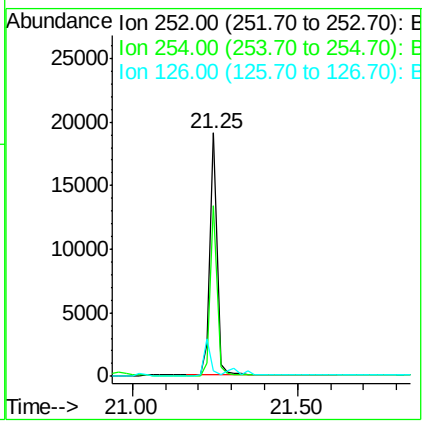


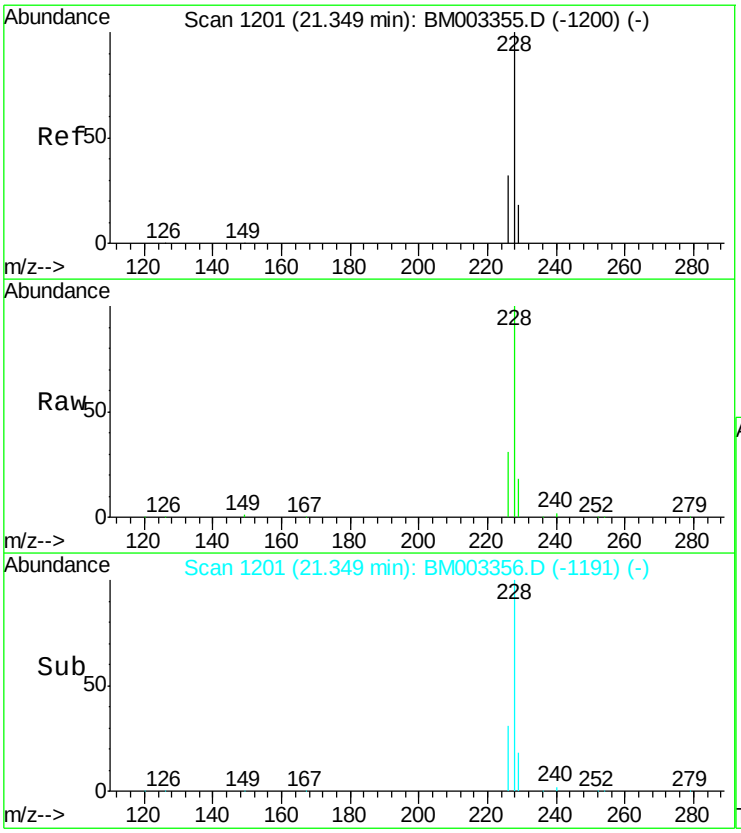
#31
3,3'-Dichlorobenzidine
Concen: 2.31 ng
RT: 21.25 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 28973

Ion	Ratio	Lower	Upper
252	100		
254	70.2	53.7	80.5
126	2.2	2.8	4.2#

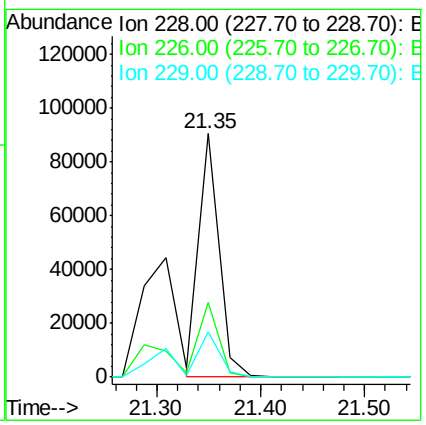


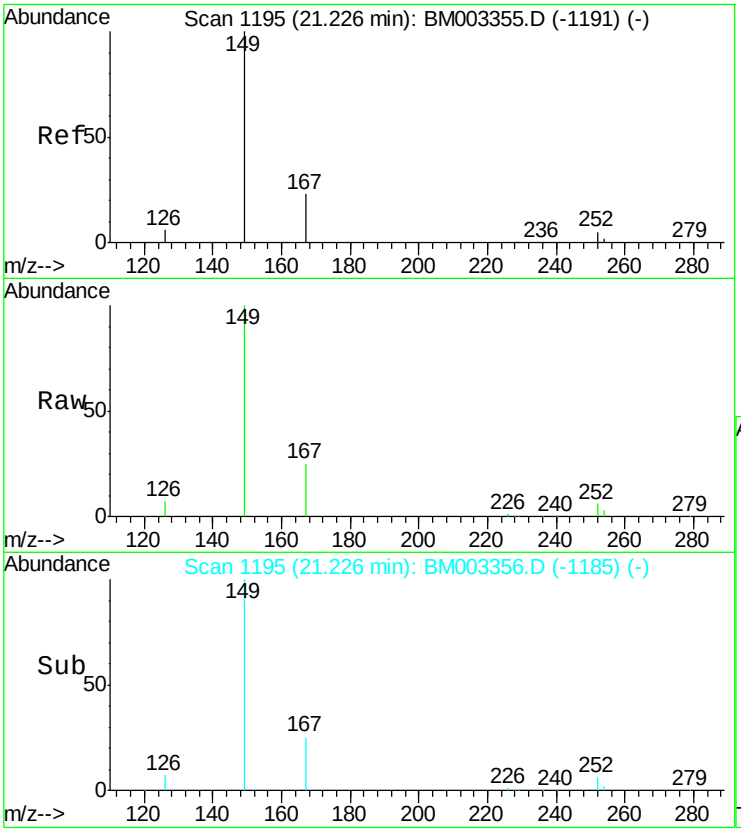


#32
Chrysene
Concen: 2.02 ng
RT: 21.35 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:228 Resp: 120923

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.5	38.3
229	18.3	14.3	21.5



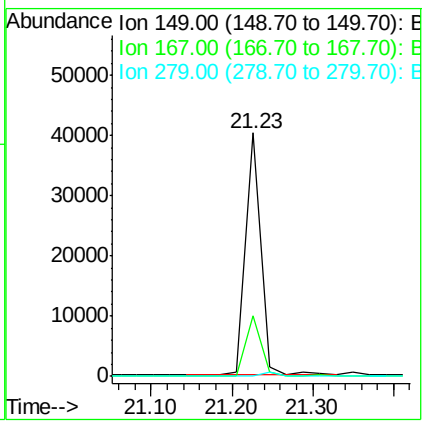


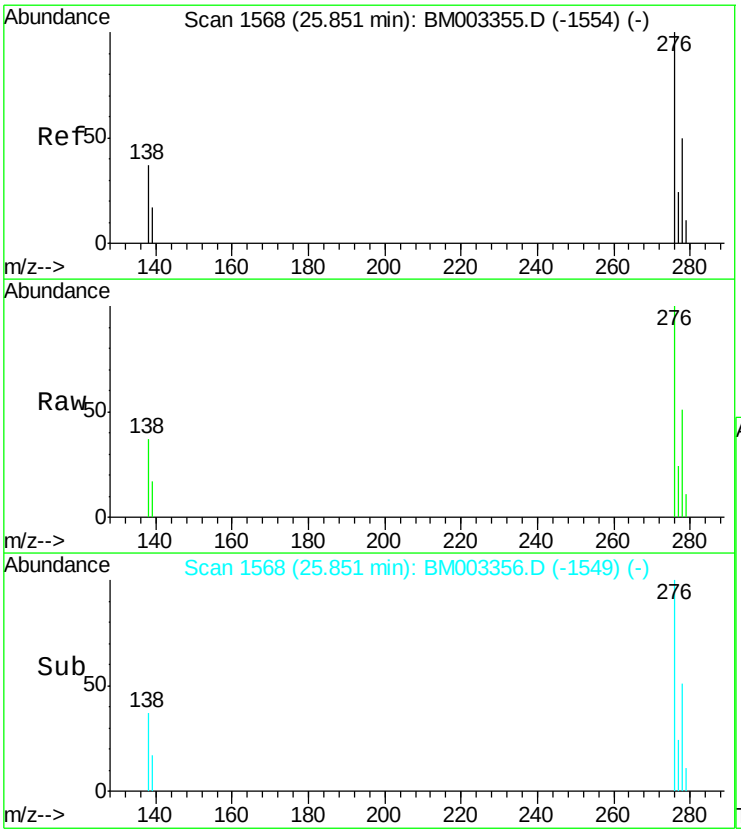
#33
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:149 Resp: 52394

Ion	Ratio	Lower	Upper
149	100		
167	24.9	19.6	29.4
279	0.0	0.0	0.0

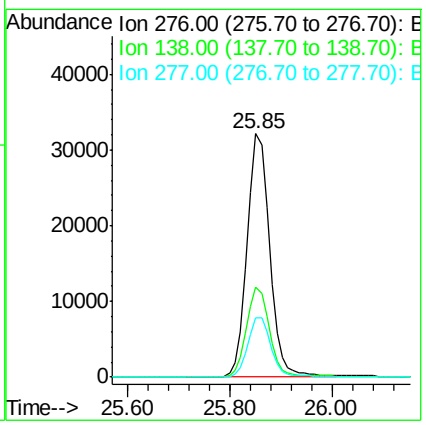


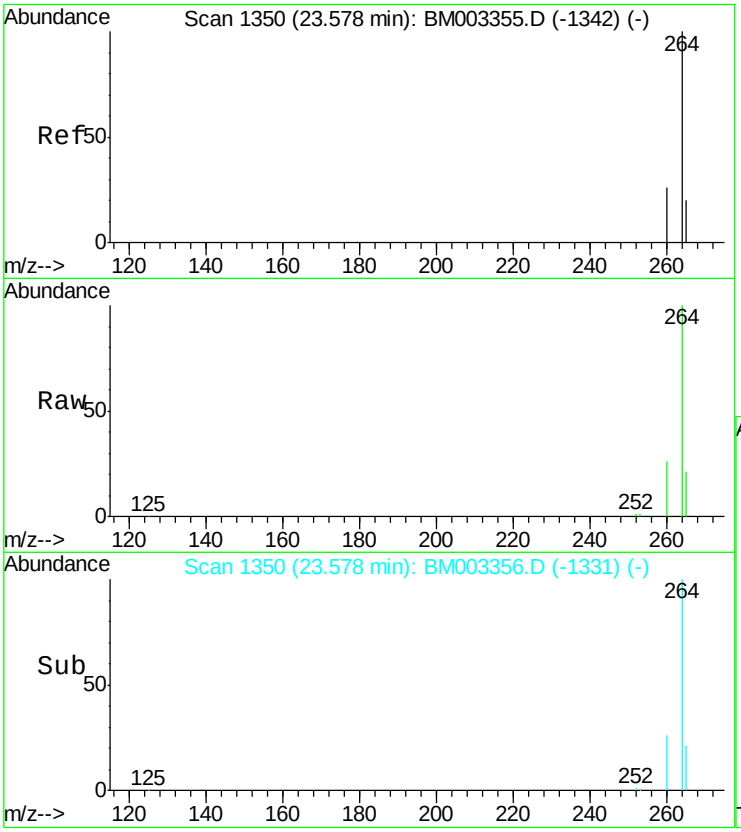


#34
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng
RT: 25.85 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:276 Resp: 98165

Ion	Ratio	Lower	Upper
276	100		
138	37.1	19.1	28.7#
277	24.9	15.9	23.9#



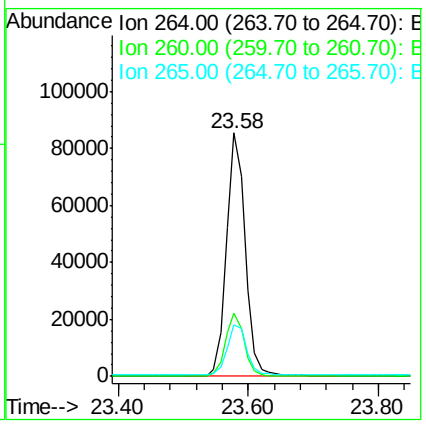


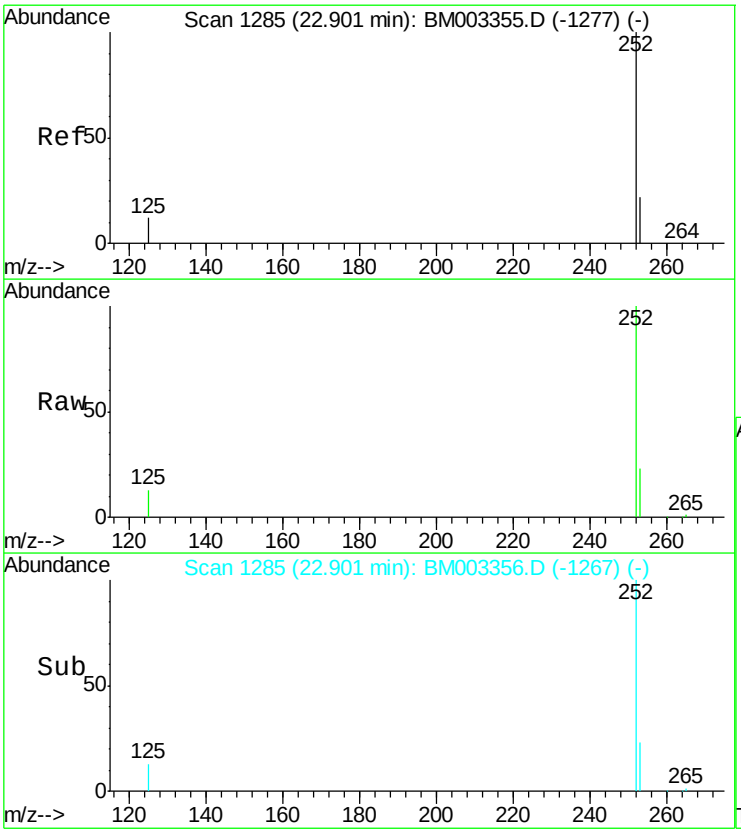
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:264 Resp: 169836

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.6	29.4
265	21.4	18.4	27.6

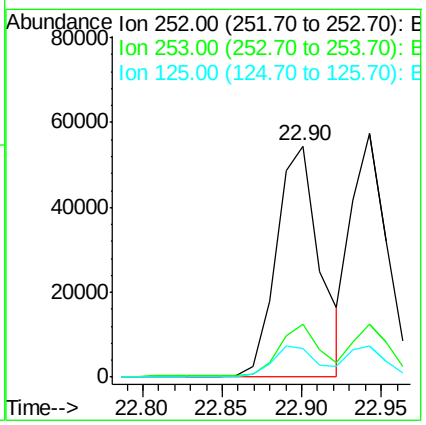


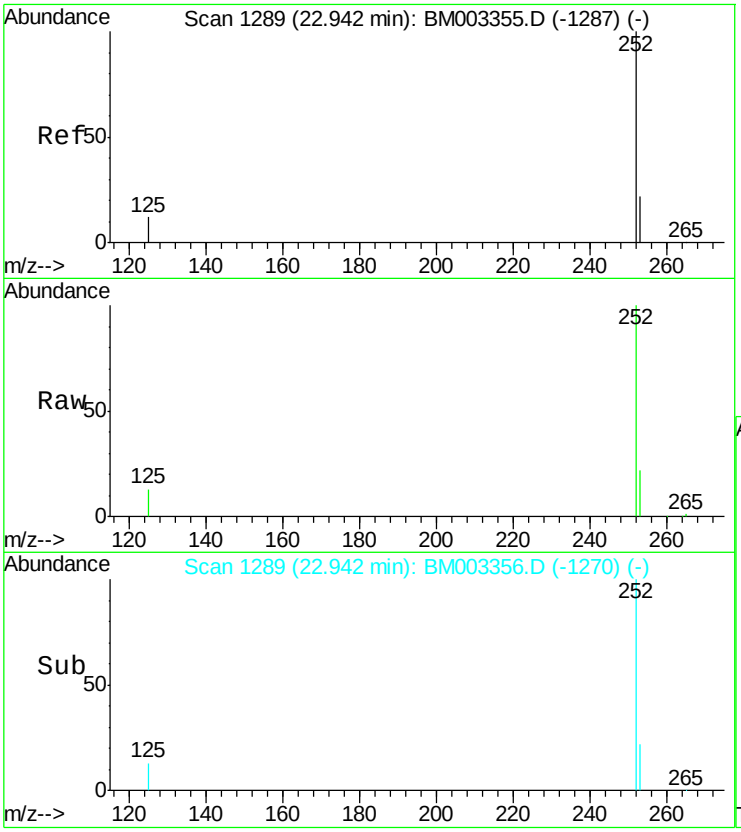


#36
Benzo(b)fluoranthene
Concen: 1.98 ng
RT: 22.90 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:252 Resp: 102834

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.6	10.3	15.5



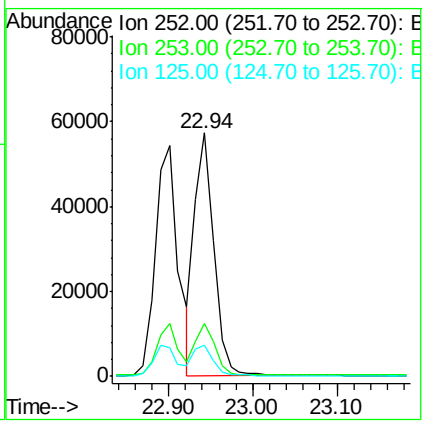


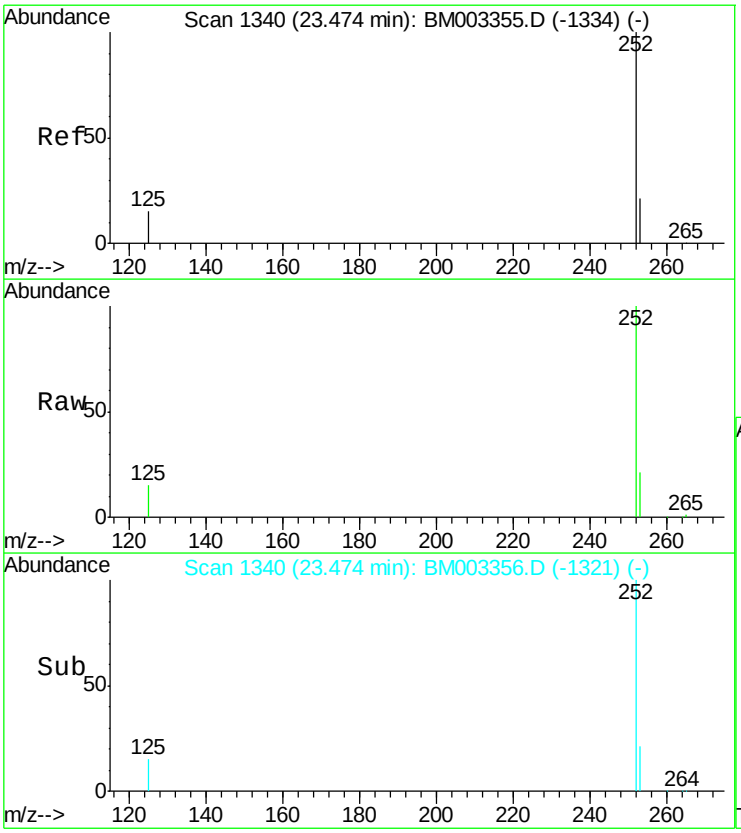
#37
Benzo(k)fluoranthene
Concen: 1.94 ng
RT: 22.94 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 89860

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.9	10.7	16.1

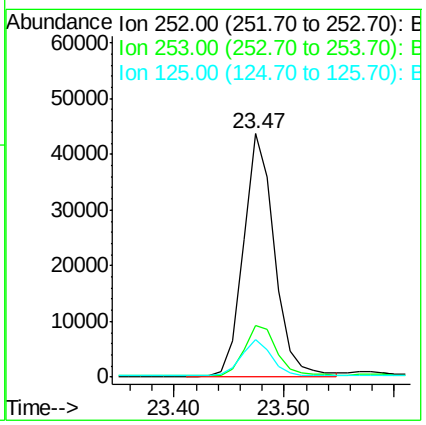


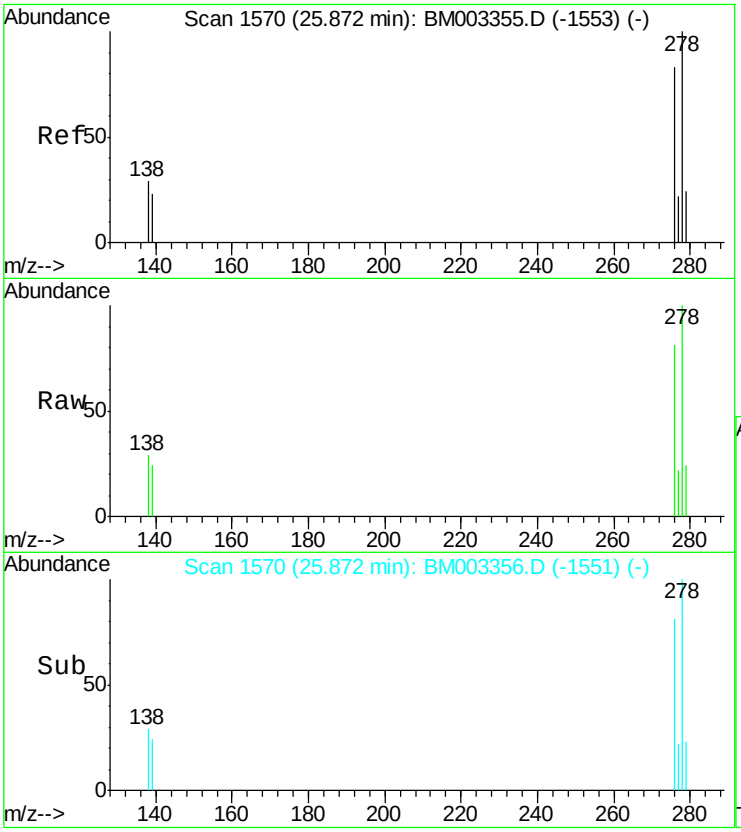


#38
Benzo(a)pyrene
Concen: 2.03 ng
RT: 23.47 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:252 Resp: 84211

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.7	28.1
125	15.3	11.6	17.4



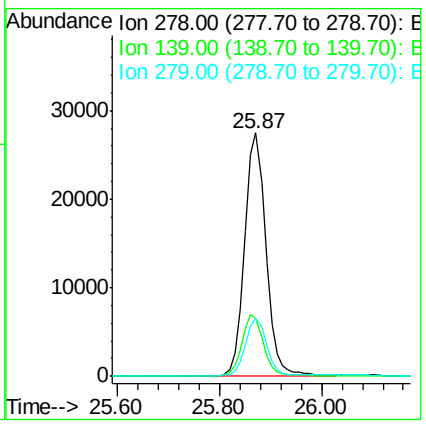


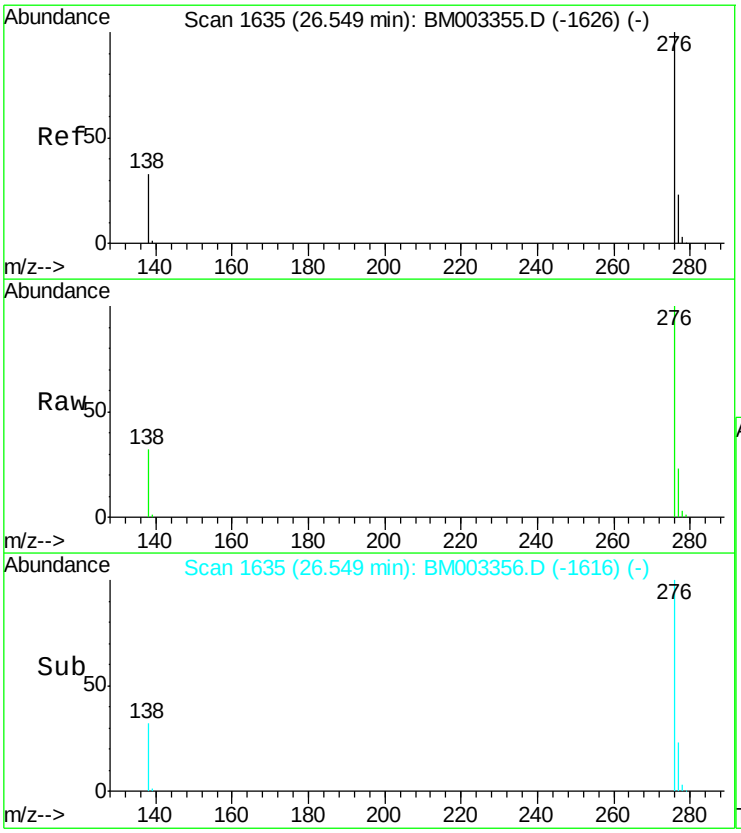
#39
Dibenzo(a,h)anthracene
Concen: 2.10 ng
RT: 25.87 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Instrument :
BNA_M
ClientSampleId :
SSTDICC002

Tgt Ion:278 Resp: 79009

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.2	27.4
279	23.6	18.8	28.2





#40
Benzo(g,h,i)perylene
Concen: 2.02 ng
RT: 26.55 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BM003356.D
Acq: 02 Dec 2015 14:17

Tgt Ion:276 Resp: 81682

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.6
138	32.1	22.3	33.5