Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001574.D
Acq On : 05 Jun 2015 20:13
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.2

Quant Time: Jun 06 01:20:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 01:16:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	25497	5.00	ng		0.00
6) Naphthalene-d8	10.47	136	89828	5.00	ng		0.00
12) Acenaphthene-d10	14.35	164	42387	5.00	ng		0.00
18) Phenanthrene-d10	17.09	188	71251	5.00	ng		0.00
25) Chrysene-d12	21.28	240	64793	5.00	ng		0.00
32) Perylene-d12	23.52	264	58386	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	1097	0.19	ng		0.00
5) Phenol-d6	6.86	99	1309	0.19	ng		0.00
7) Nitrobenzene-d5	8.86	82	1137	0.18	ng		0.00
13) 2,4,6-Tribromophenol	15.83	330	287	0.16	ng		0.00
14) 2-Fluorobiphenyl	12.97	172	2602	0.21	ng		0.00
27) Terphenyl-d14	19.73	244	1595	0.20	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	572	0.21	ng		91
3) n-Nitrosodimethylamine	3.52	42	725	0.18	ng	#	94
8) Nitrobenzene	8.90	77	1213	0.18	ng		99
9) Naphthalene	10.52	128	3894	0.21	ng		96
10) Hexachlorobutadiene	10.82	225	678	0.21	ng		99
11) 2-Methylnaphthalene	12.15	142	2380	0.20	ng		99
15) Acenaphthylene	14.06	152	3334	0.18	ng		100
16) Acenaphthene	14.41	154	2210	0.20	ng		97
17) Fluorene	15.39	166	1445	0.17	ng	#	99
19) 4-Bromophenyl-phenylether	16.27	248	874	0.29	ng	#	94
20) Hexachlorobenzene	16.38	284	444	0.28	ng	#	71
21) Pentachlorophenol	16.75	266	181	0.22	ng	#	88
22) Phenanthrene	17.12	178	5172	0.24	ng		99
23) Anthracene	17.12	178	5607	0.59	ng	#	53
24) Fluoranthene	19.15	202	3825	0.25	ng		99
26) Pyrene	19.52	202	4025	0.20	ng		100
28) Benzo(a)anthracene	21.27	228	3572	0.20	ng	#	86
29) Chrysene	21.31	228	3686	0.23	ng		94
30) Bis(2-ethylhexyl)phthalate	21.19	149	1852	0.14	ng		99
31) Indeno(1,2,3-cd)pyrene	25.77	276	3973	0.22	ng		99
33) Benzo(b)fluoranthene	22.84	252	3541	0.22	ng	#	89
34) Benzo(k)fluoranthene	22.89	252	3160	0.21	ng	#	92
35) Benzo(a)pyrene	23.42	252	3057	0.21	ng	#	88
36) Dibenzo(a,h)anthracene	25.79	278	3161	0.23	ng	#	91
37) Benzo(g,h,i)perylene	26.47	276	3314	0.23	ng		93

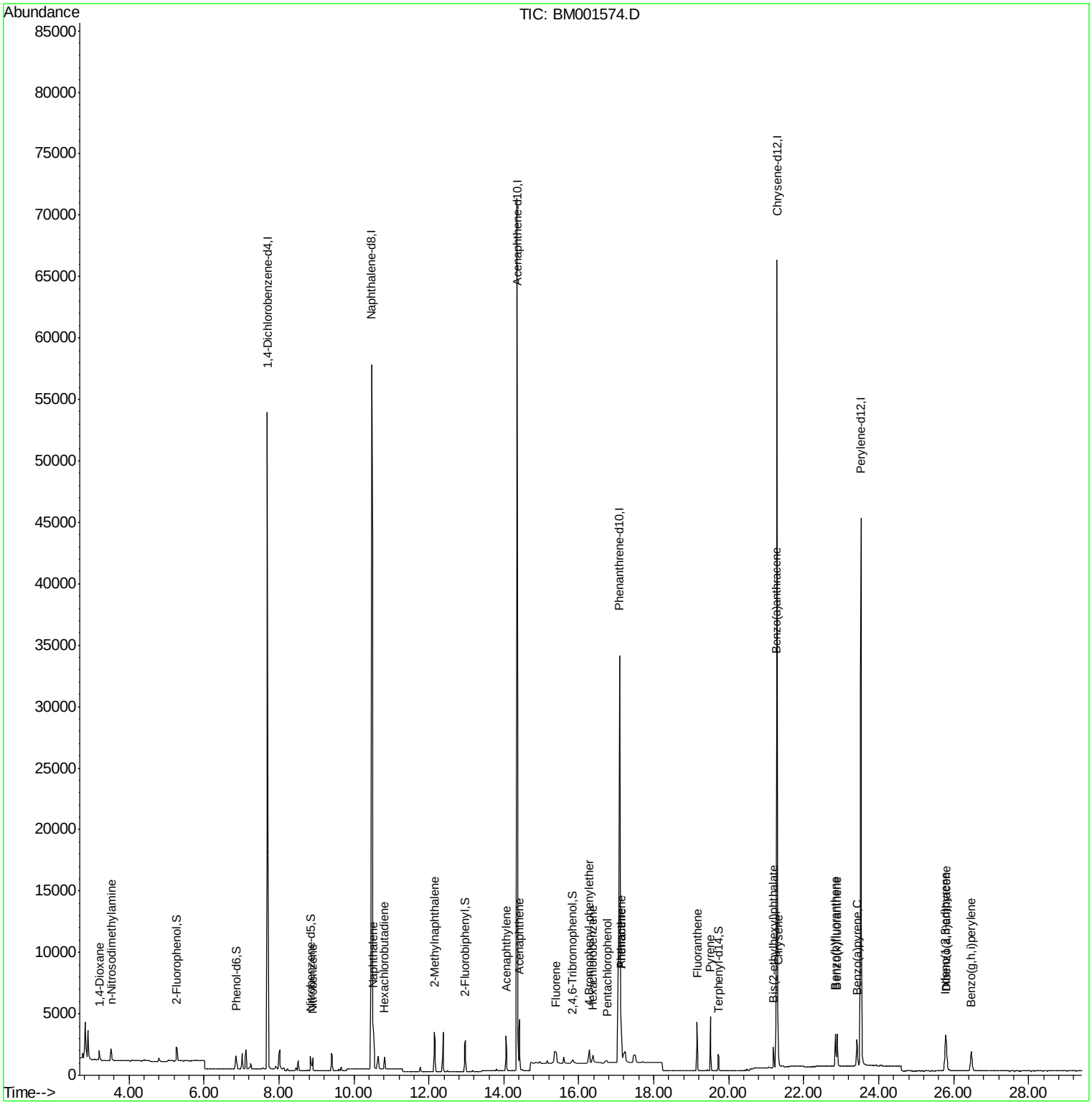
(#) = qualifier out of range (m) = manual integration (+) = signals summed

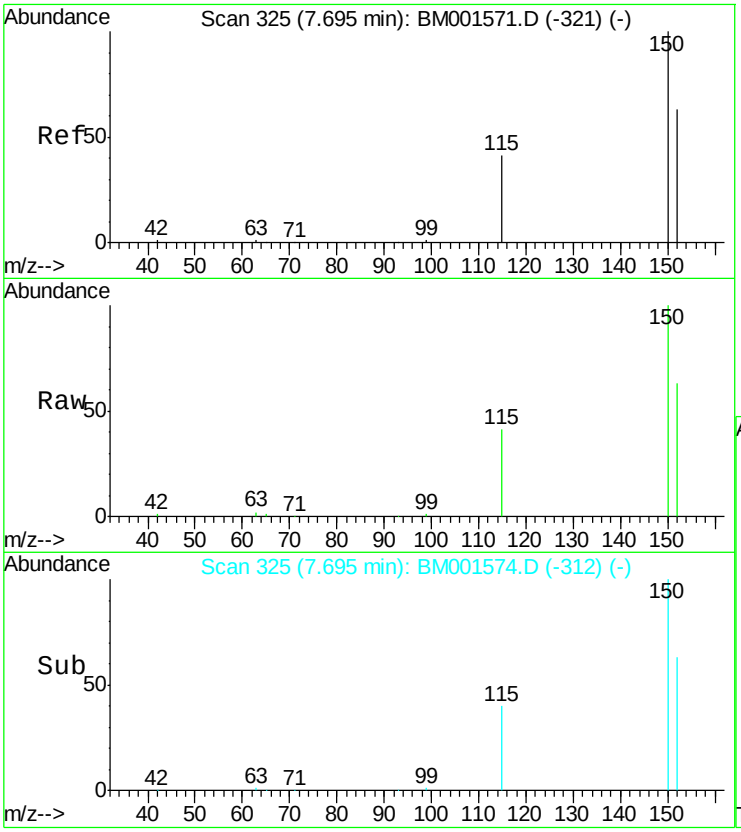
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
Data File : BM001574.D
Acq On : 05 Jun 2015 20:13
Operator : TP/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 06 01:20:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 01:16:45 2015
Response via : Initial Calibration



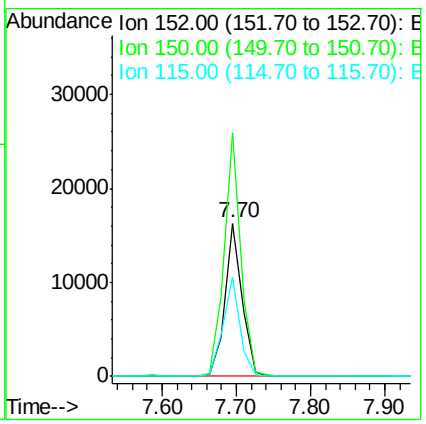


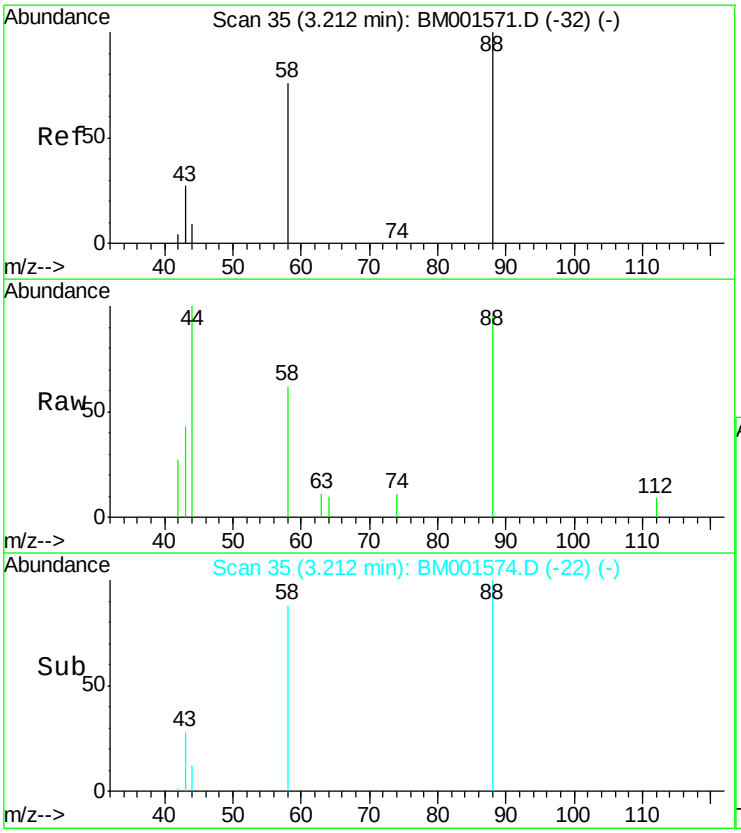
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 25497

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	190.0
115	64.4	51.6	77.4

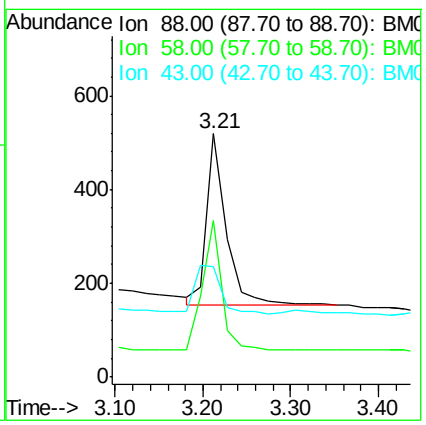


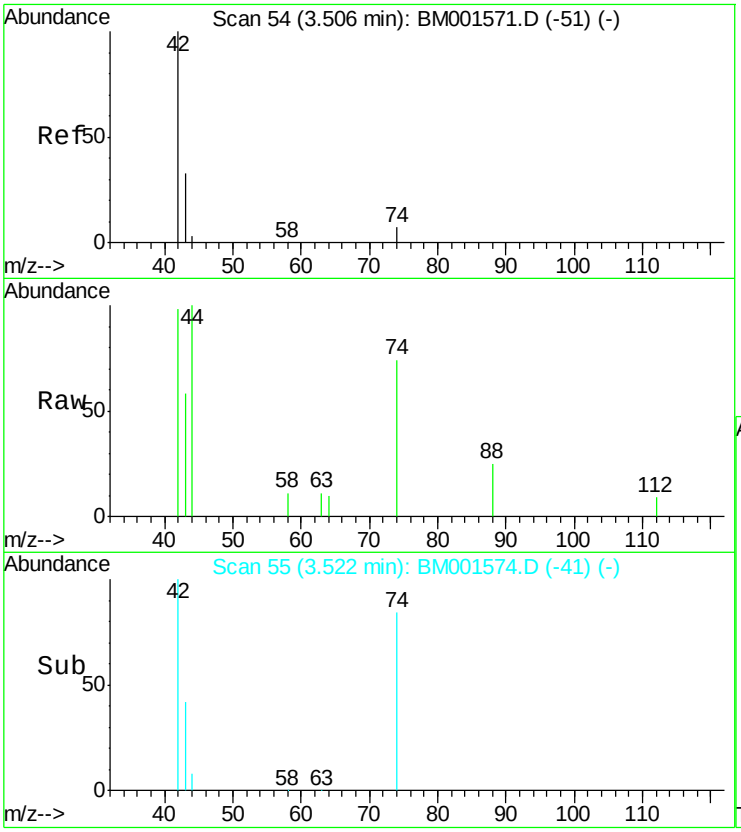


#2
1,4-Dioxane
Concen: 0.21 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion: 88 Resp: 572

Ion	Ratio	Lower	Upper
88	100		
58	73.4	66.1	99.1
43	36.7	32.3	48.5



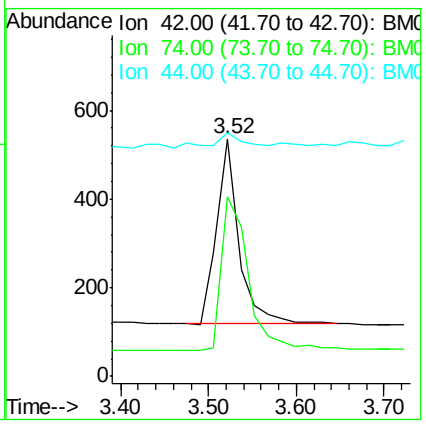


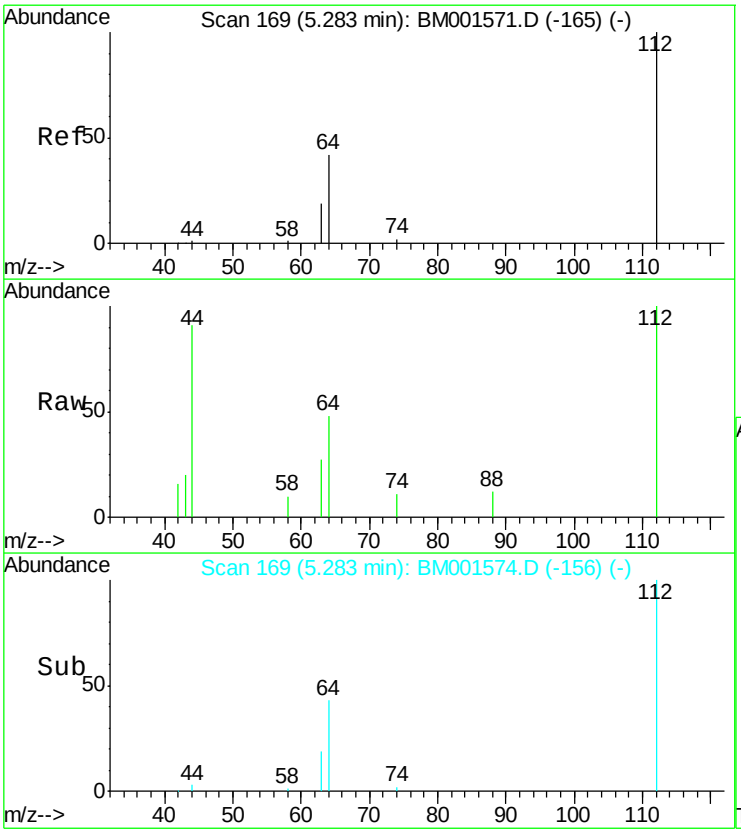
#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.52 min Scan# 55
Delta R.T. 0.02 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 725

Ion	Ratio	Lower	Upper
42	100		
74	102.8	77.2	115.8
44	11.3	7.4	11.2#

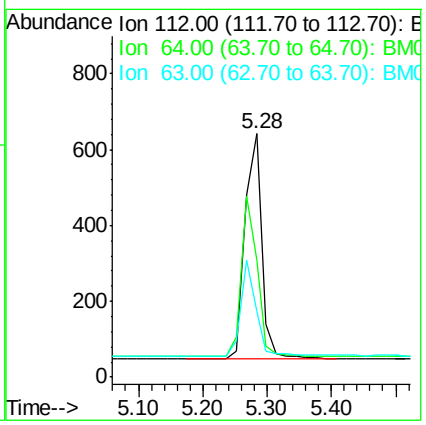


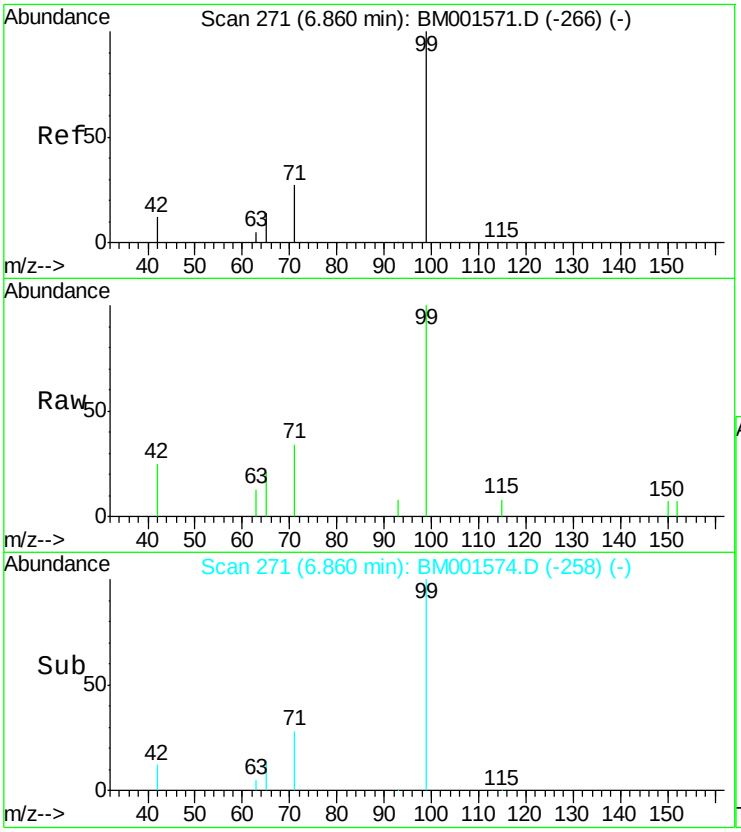


#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:112 Resp: 1097

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.3	79.9
63	37.4	29.7	44.5



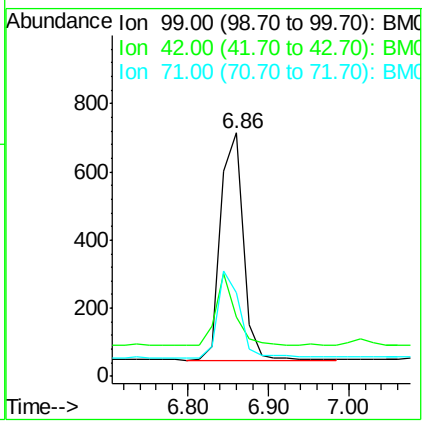


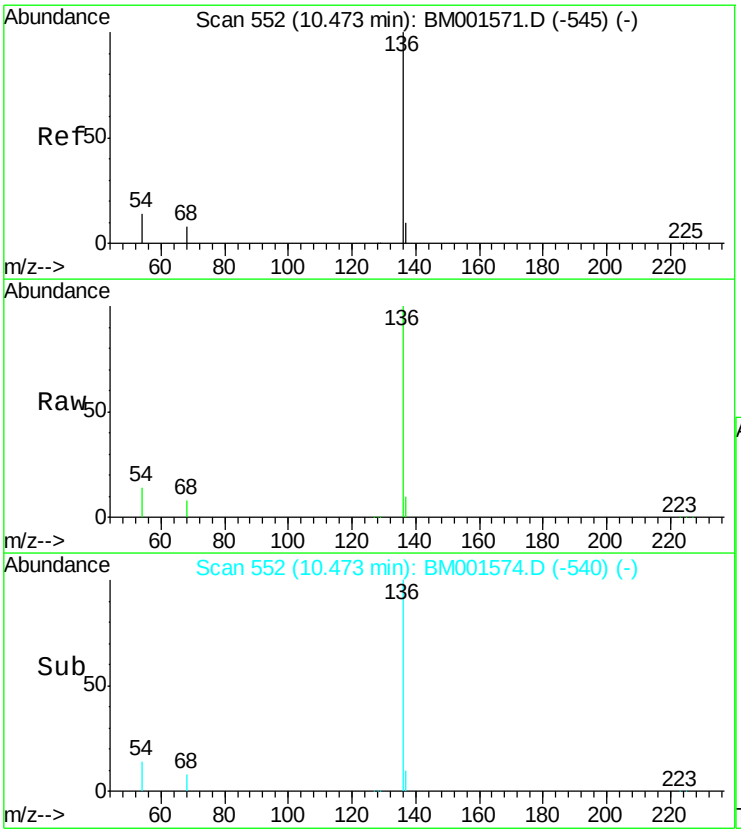
#5
Phenol-d6
Concen: 0.19 ng
RT: 6.86 min Scan# 271
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1309

Ion	Ratio	Lower	Upper
99	100		
42	27.3	21.4	32.2
71	36.8	29.0	43.4

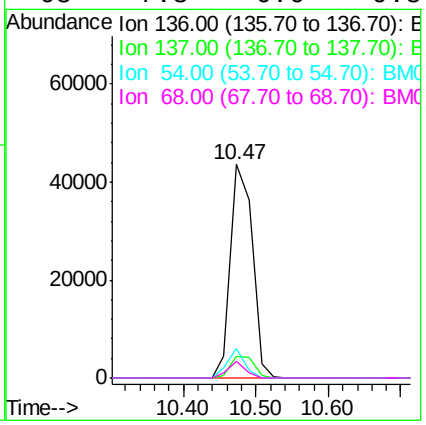


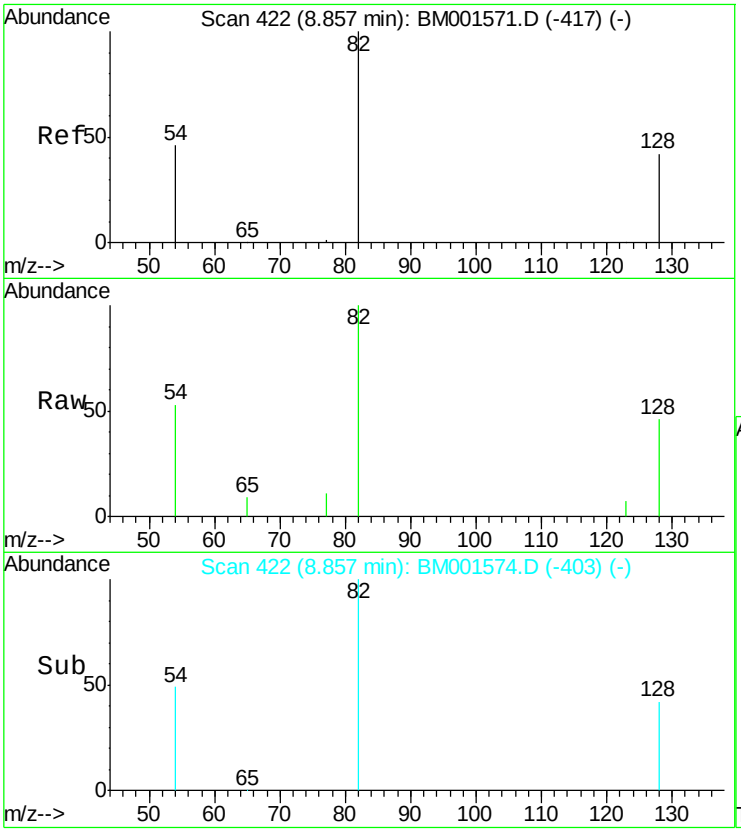


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.47 min Scan# 552
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:136 Resp: 89828

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.1	12.1
54	14.1	11.7	17.5
68	7.8	6.6	9.8



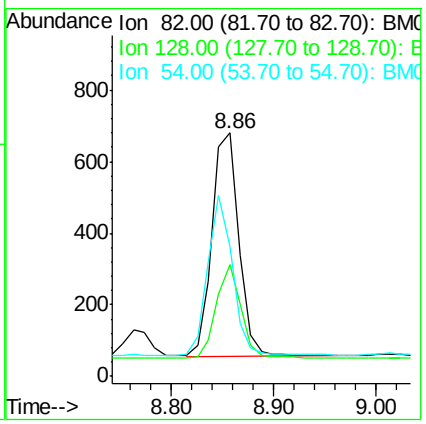


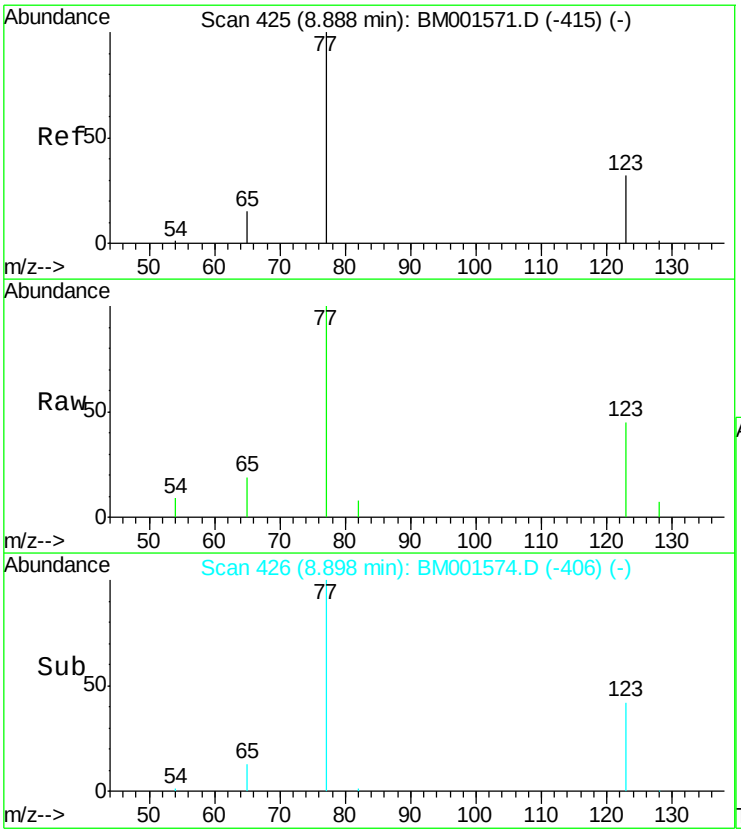
#7
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.86 min Scan# 422
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion: 82 Resp: 1137

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.1	51.1
54	53.4	37.8	56.6

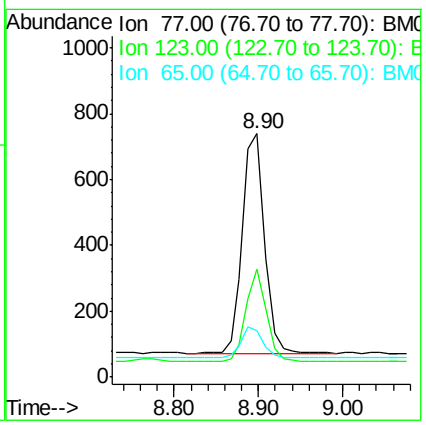


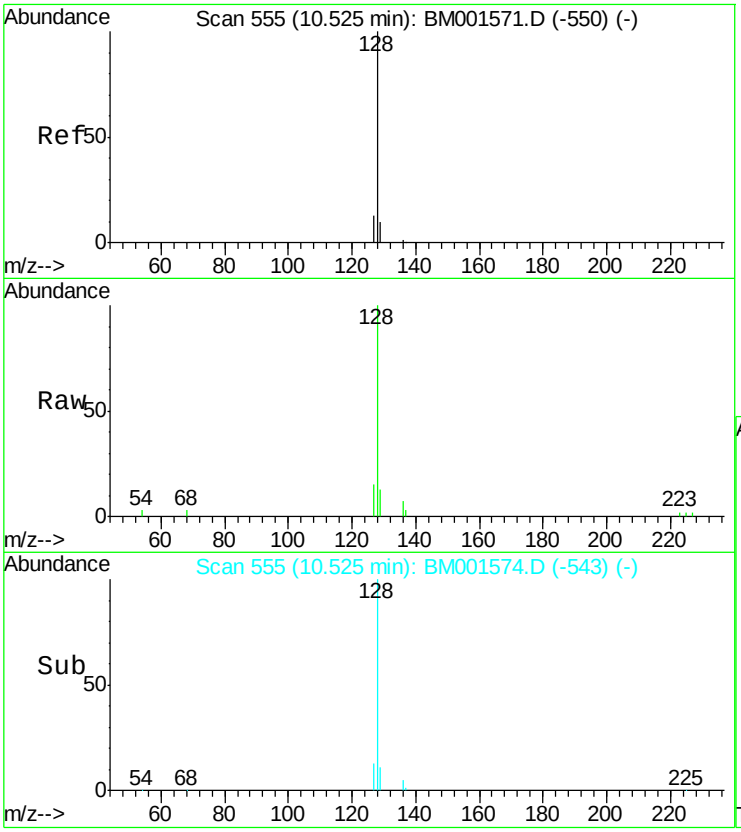


#8
Nitrobenzene
Concen: 0.18 ng
RT: 8.90 min Scan# 426
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion: 77 Resp: 1213

Ion	Ratio	Lower	Upper
77	100		
123	38.6	31.7	47.5
65	14.3	11.4	17.0



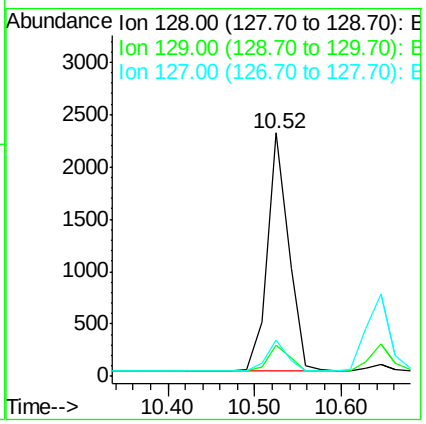


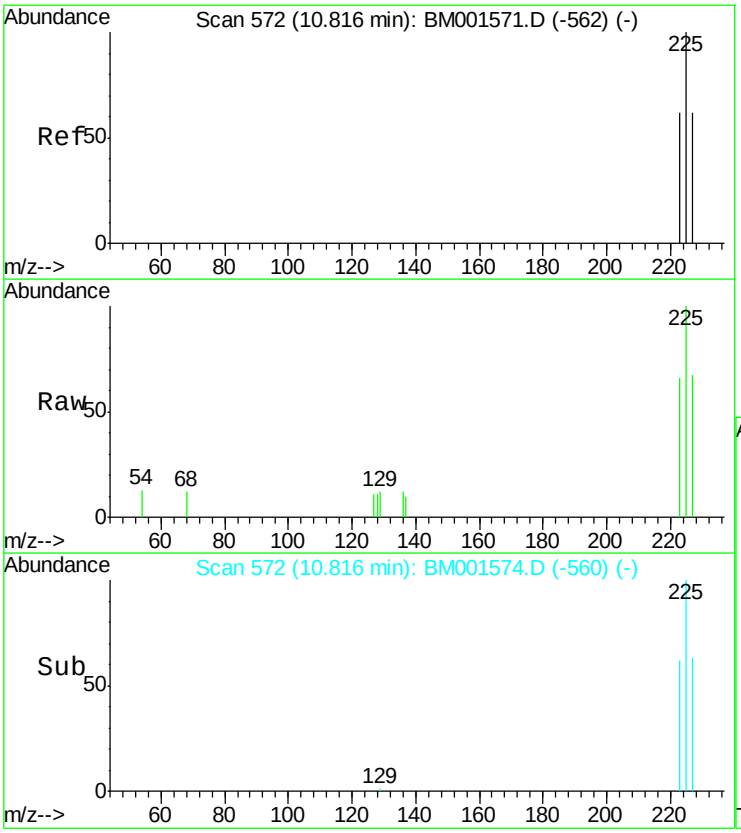
#9
Naphthalene
Concen: 0.21 ng
RT: 10.52 min Scan# 555
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 3894

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.7	13.1
127	15.0	10.7	16.1

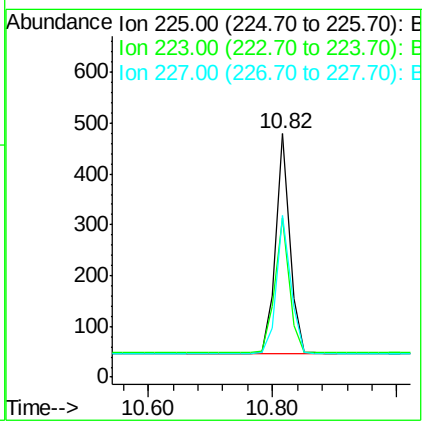


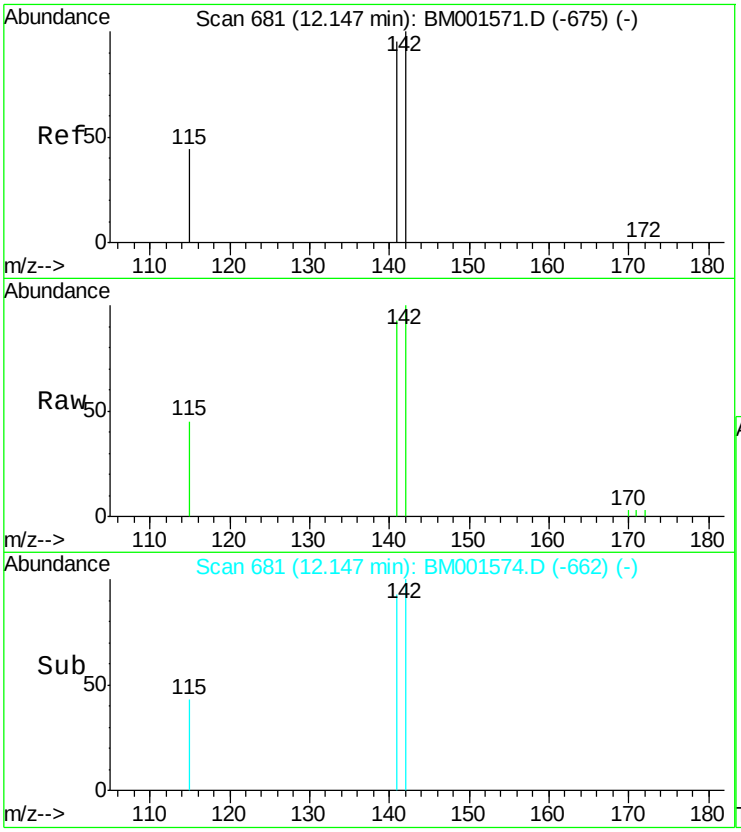


#10
Hexachlorobutadiene
Concen: 0.21 ng
RT: 10.82 min Scan# 572
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:225 Resp: 678

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	64.6	50.8	76.2



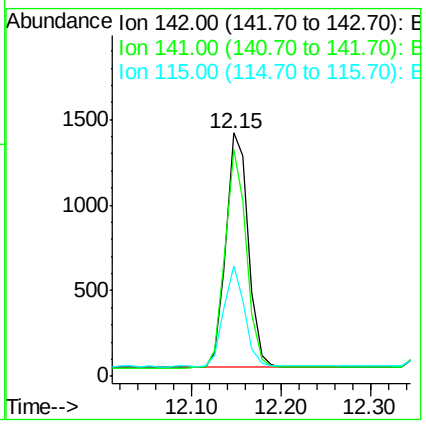


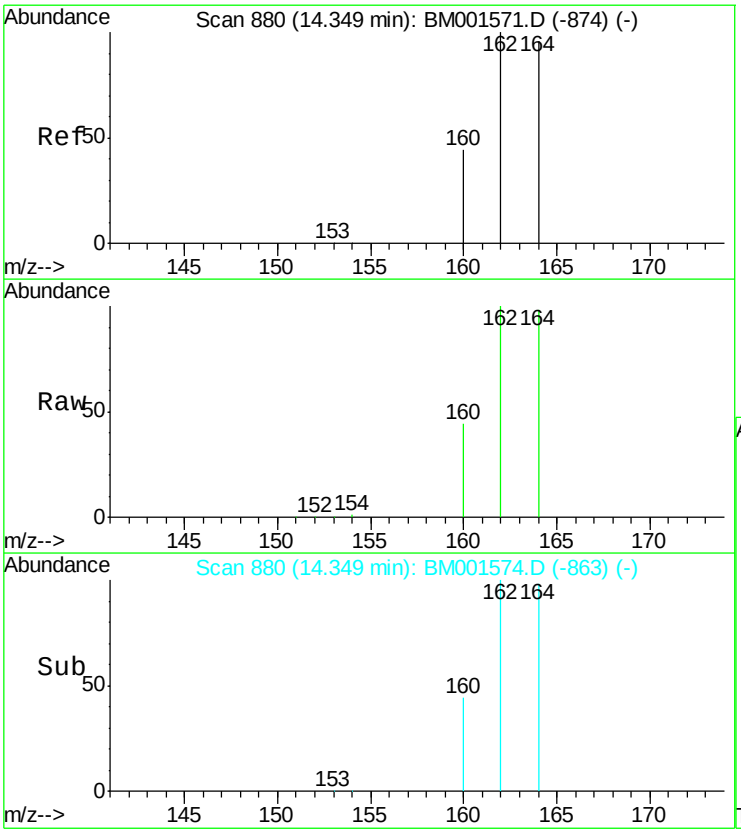
#11
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.15 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 2380

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.6	113.4
115	45.5	35.5	53.3

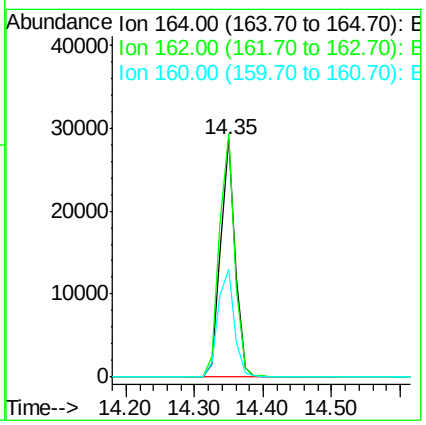


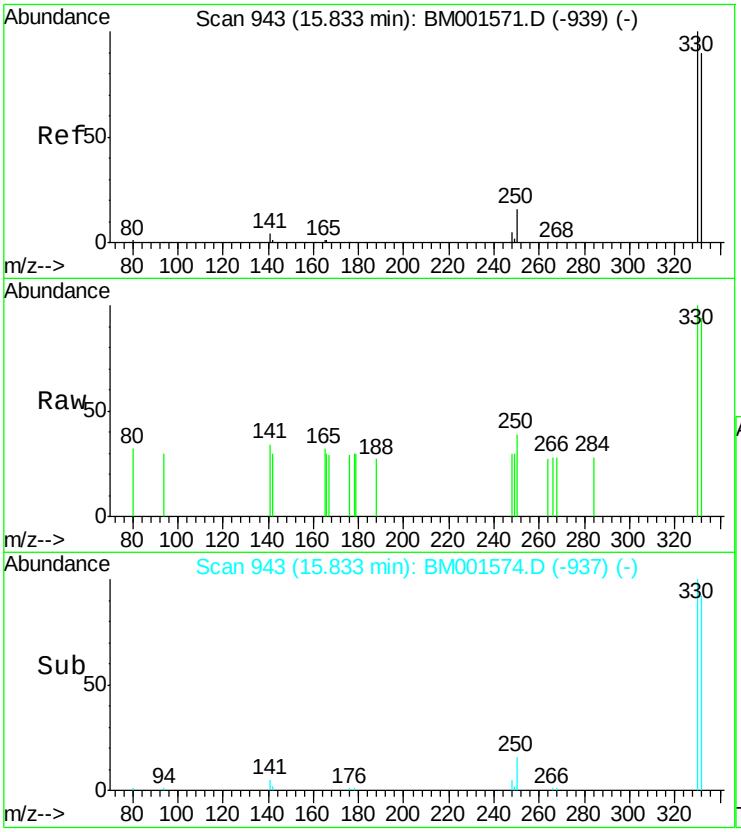


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.35 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:164 Resp: 42387

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.8	125.6
160	45.4	37.1	55.7



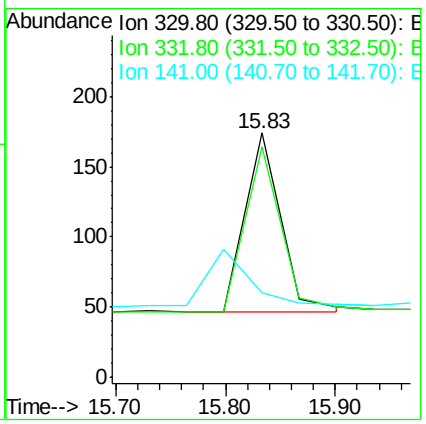


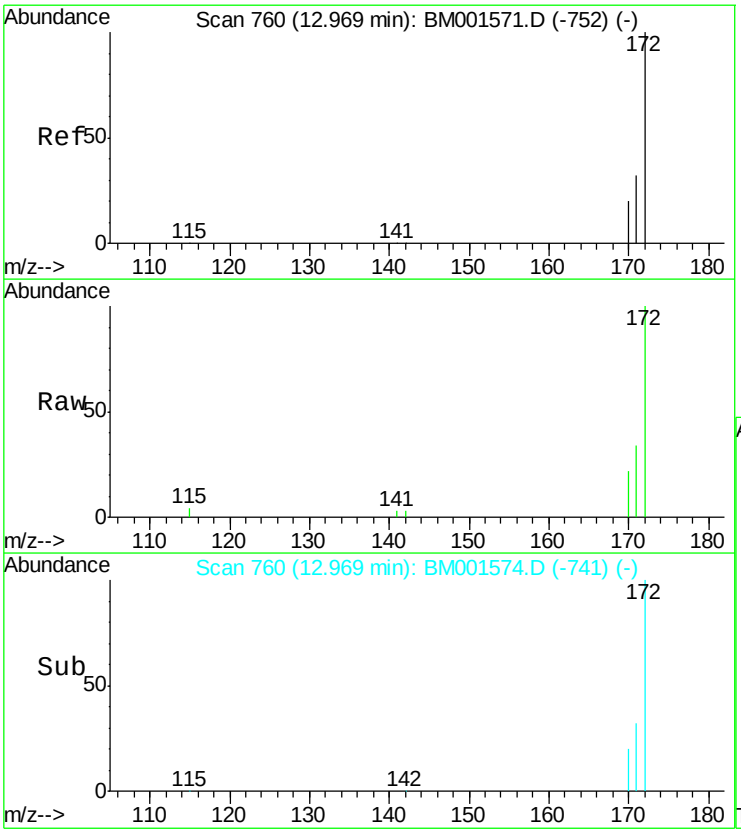
#13
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 15.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 287

Ion	Ratio	Lower	Upper
330	100		
332	93.7	72.0	108.0
141	0.0	0.0	0.0

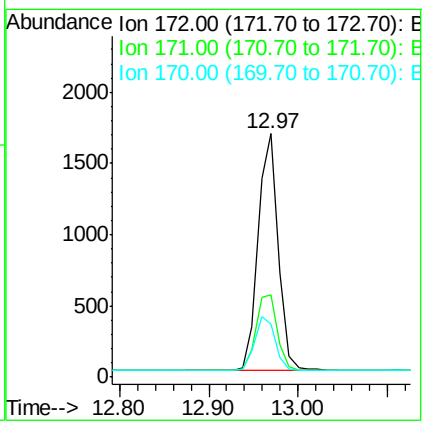


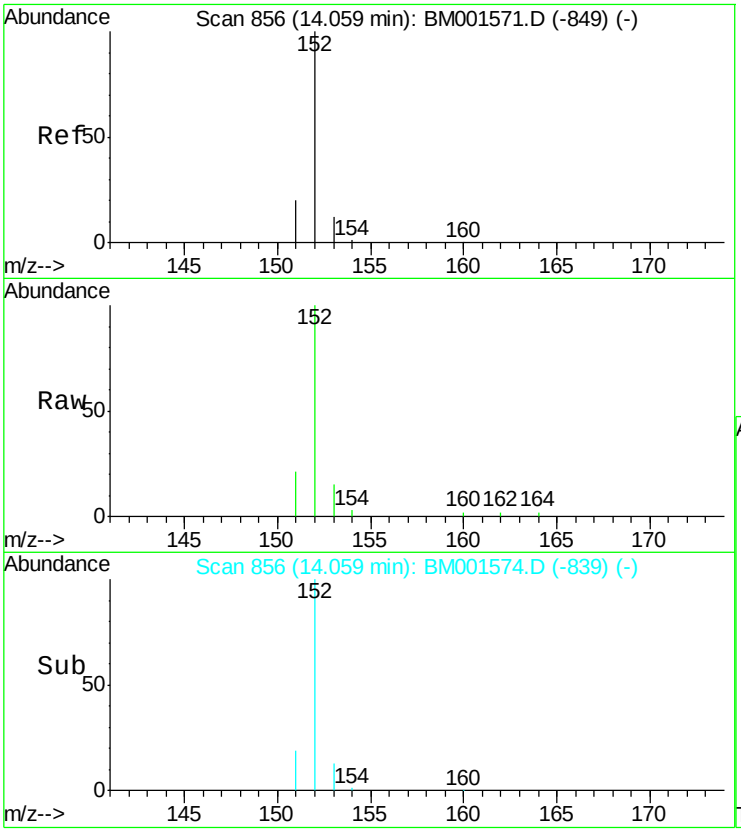


#14
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:172 Resp: 2602

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	22.0	16.1	24.1



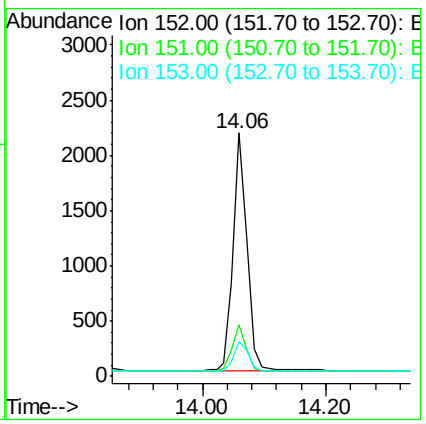


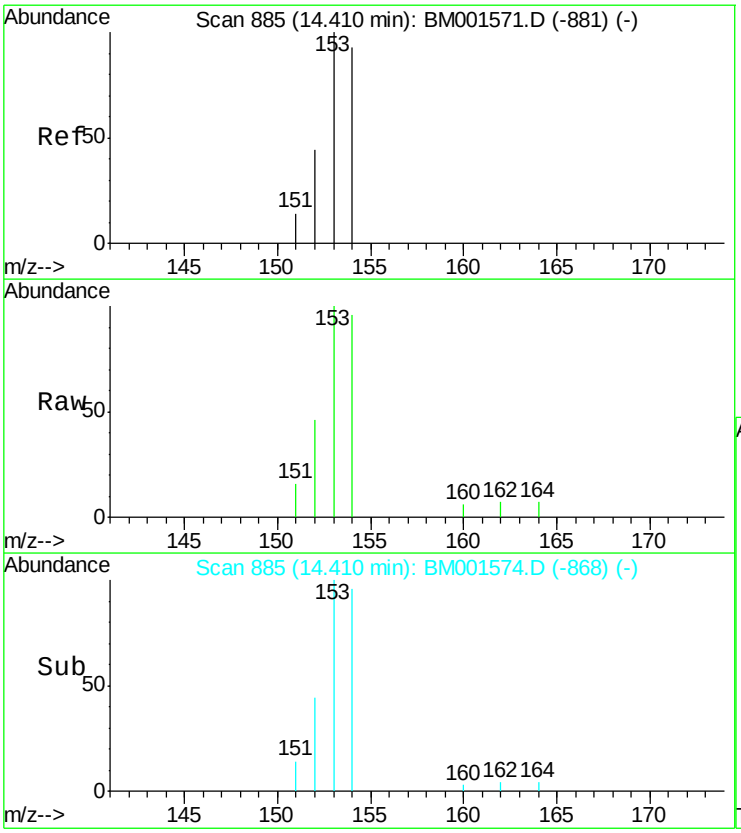
#15
Acenaphthylene
Concen: 0.18 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3334

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	13.1	10.3	15.5

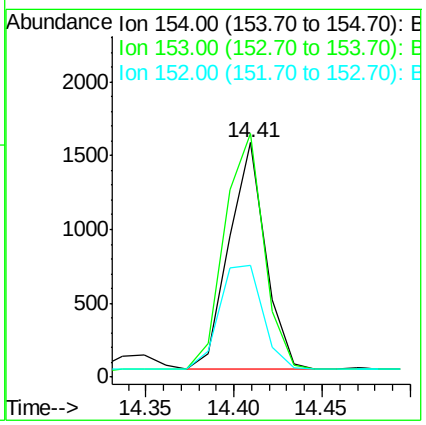


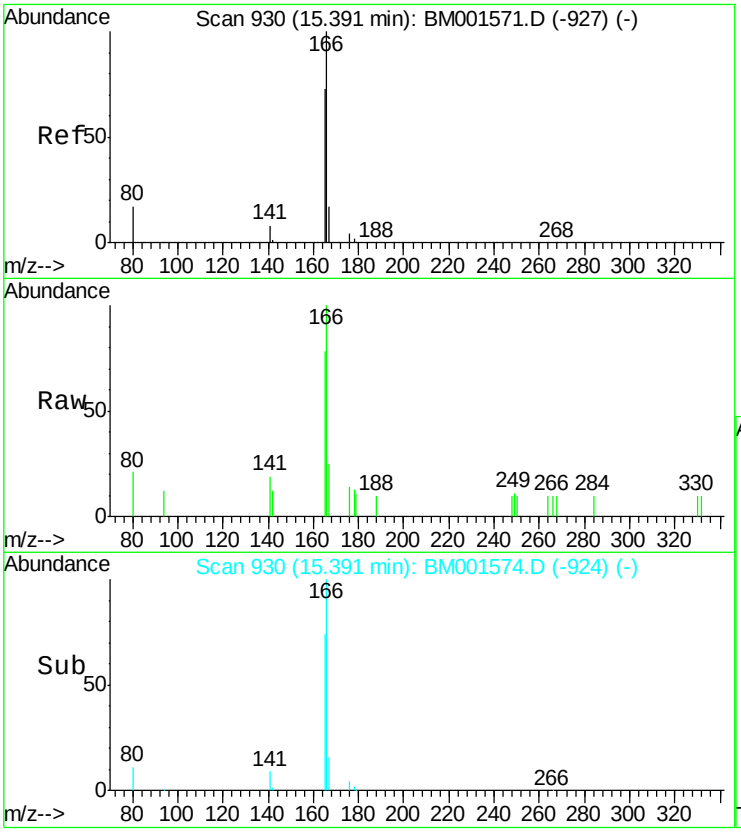


#16
Acenaphthene
Concen: 0.20 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:154 Resp: 2210

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.1	133.7
152	55.8	43.2	64.8



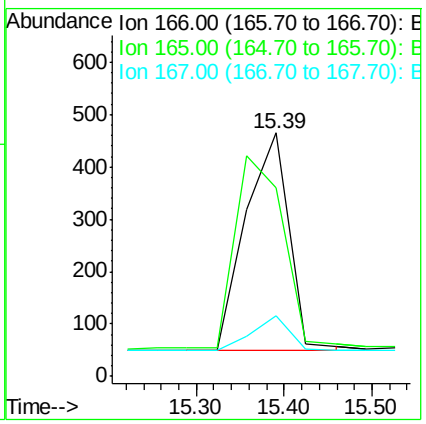


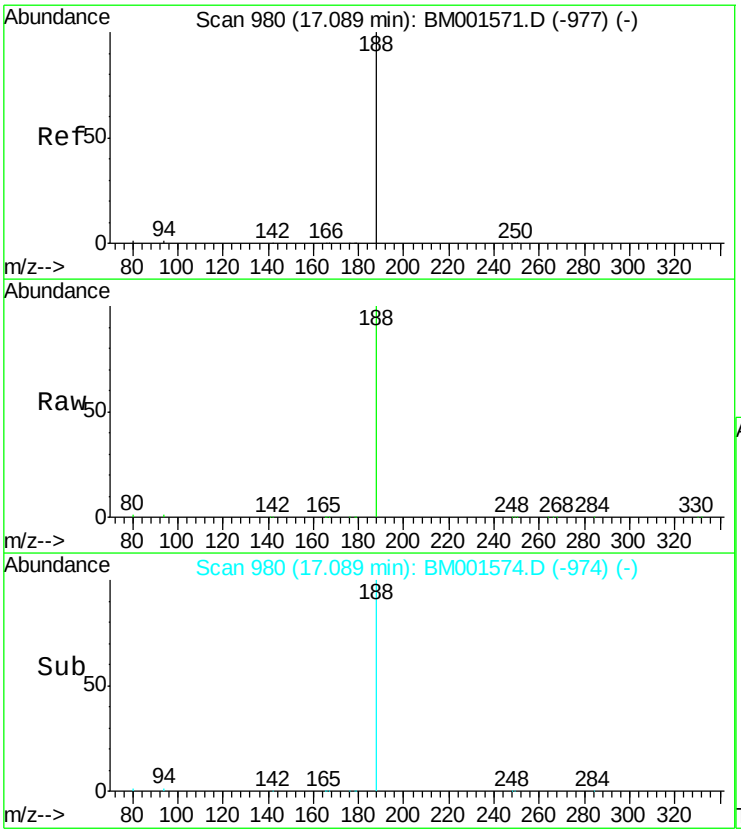
#17
Fluorene
Concen: 0.17 ng
RT: 15.39 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 1445

Ion	Ratio	Lower	Upper
166	100		
165	0.0	0.0	0.0
167	13.7	11.3	16.9

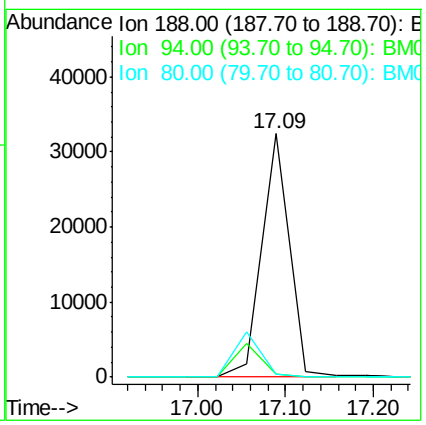


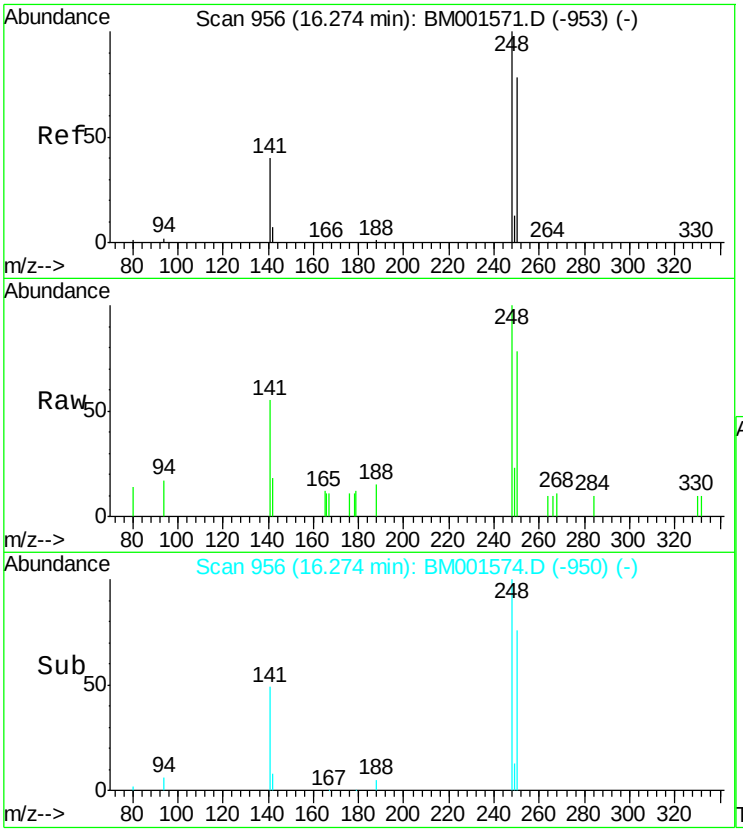


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.09 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:188 Resp: 71251

Ion	Ratio	Lower	Upper
188	100		
94	1.2	0.7	1.1#
80	1.2	0.6	1.0#



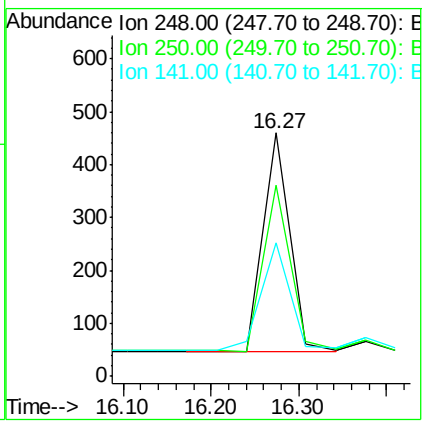


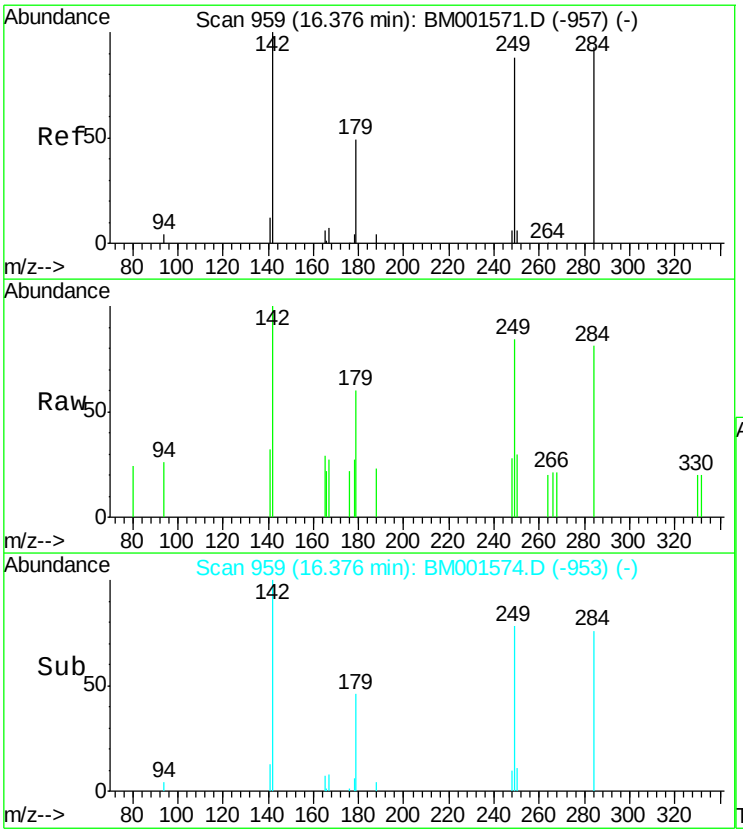
#19
4-Bromophenyl-phenylether
Concen: 0.29 ng
RT: 16.27 min Scan# 956
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 874

Ion	Ratio	Lower	Upper
248	100		
250	77.7	63.1	94.7
141	53.9	35.0	52.6#

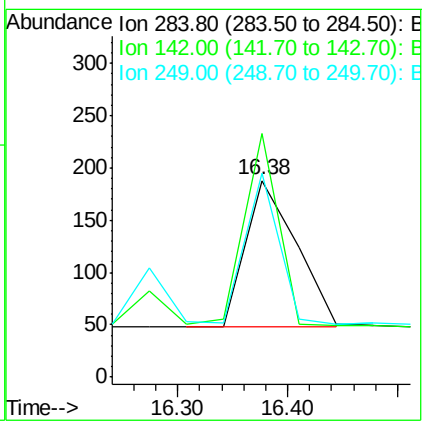


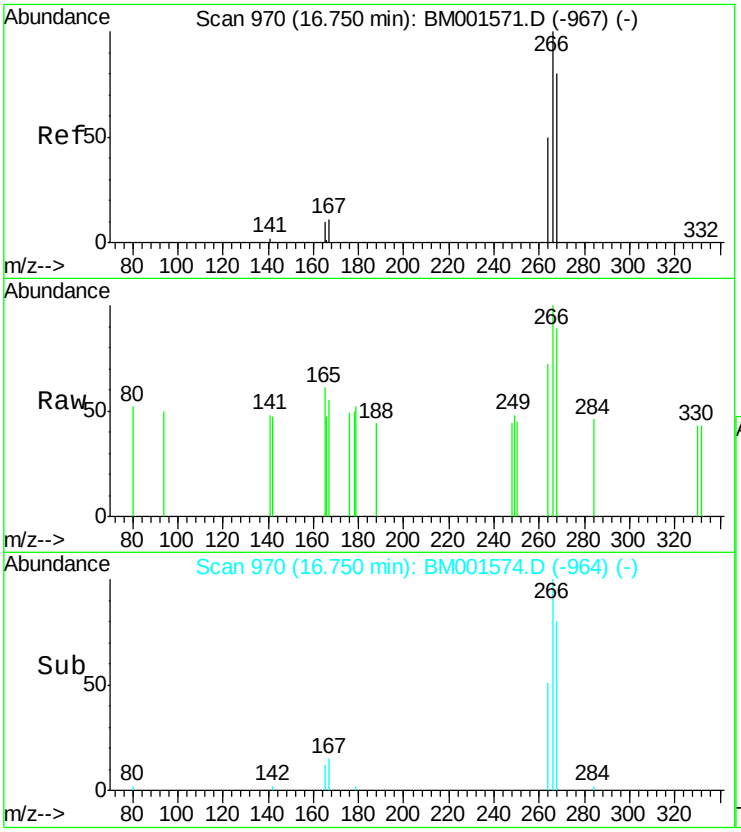


#20
Hexachlorobenzene
Concen: 0.28 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:284 Resp: 444

Ion	Ratio	Lower	Upper
284	100		
142	103.8	64.2	96.2#
249	94.1	55.4	83.0#



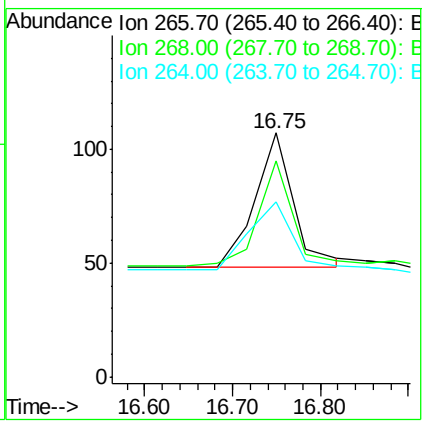


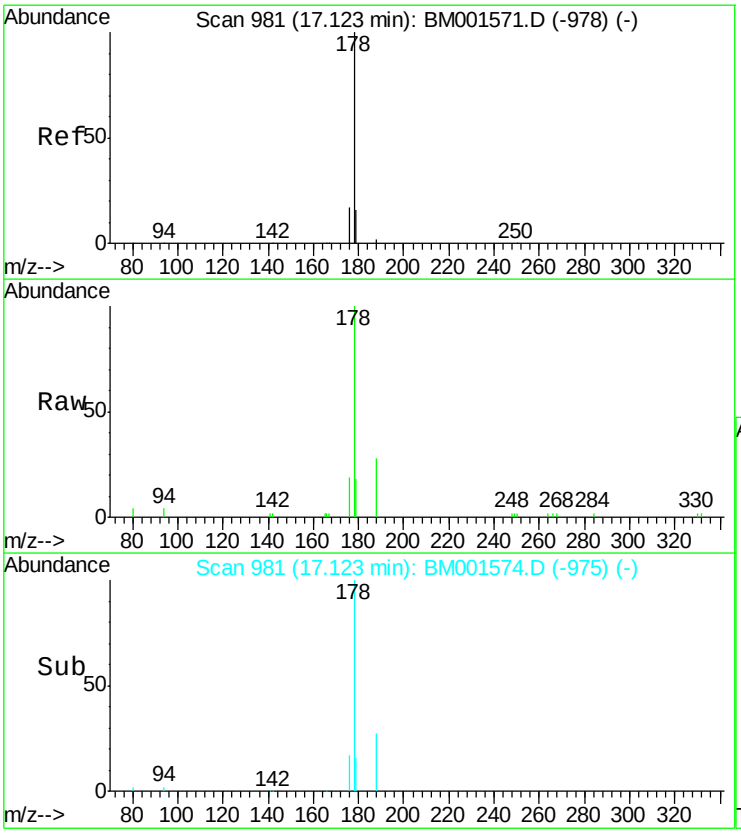
#21
Pentachlorophenol
Concen: 0.22 ng
RT: 16.75 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 181

Ion	Ratio	Lower	Upper
266	100		
268	88.8	66.3	99.5
264	72.0	45.5	68.3#

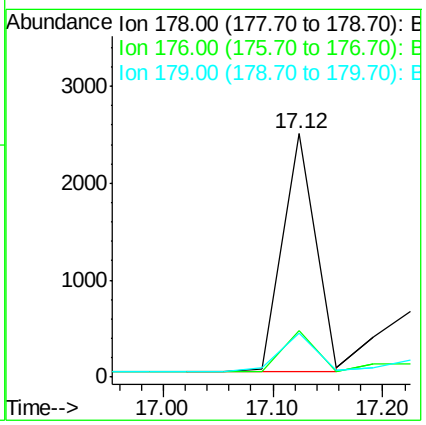


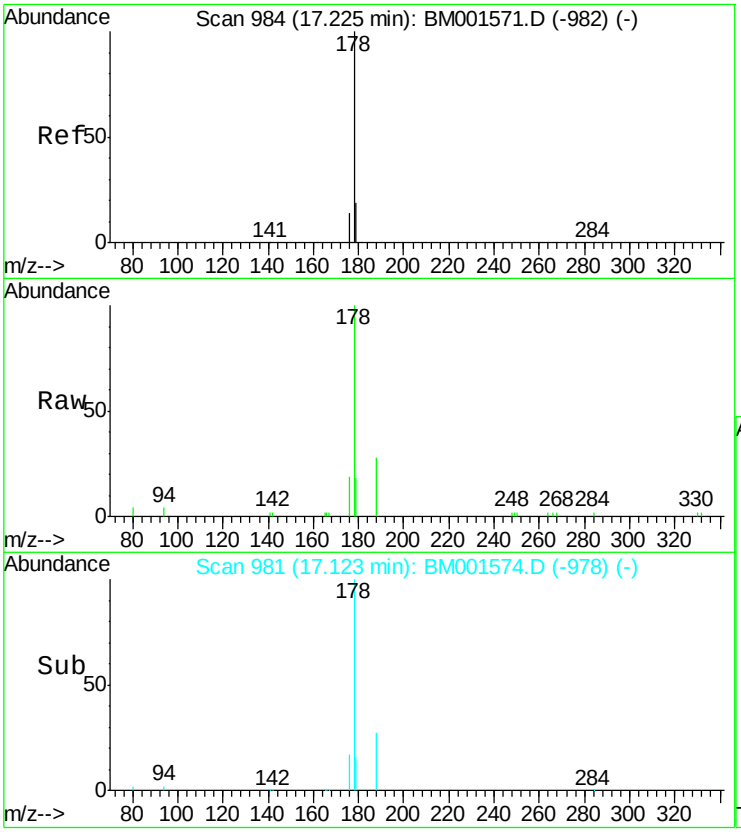


#22
Phenanthrene
Concen: 0.24 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:178 Resp: 5172

Ion	Ratio	Lower	Upper
178	100		
176	17.3	13.5	20.3
179	17.4	13.3	19.9



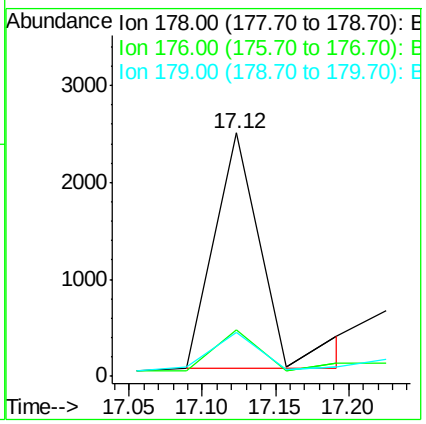


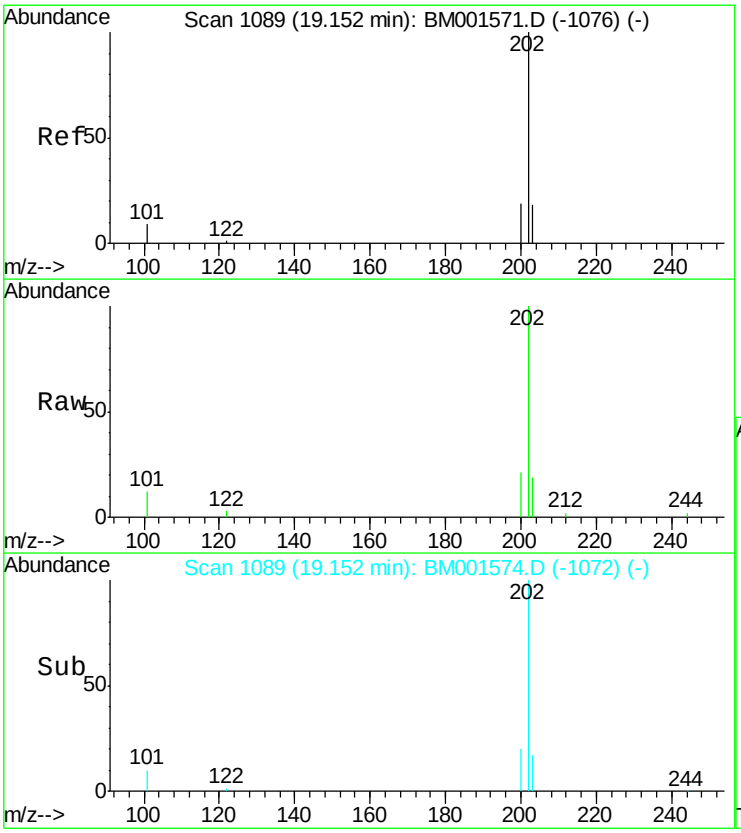
#23
Anthracene
Concen: 0.59 ng
RT: 17.12 min Scan# 981
Delta R.T. -0.10 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 5607

Ion	Ratio	Lower	Upper
178	100		
176	21.6	45.9	68.9#
179	13.3	33.3	49.9#

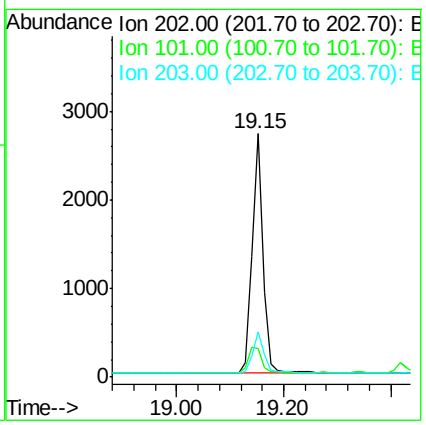


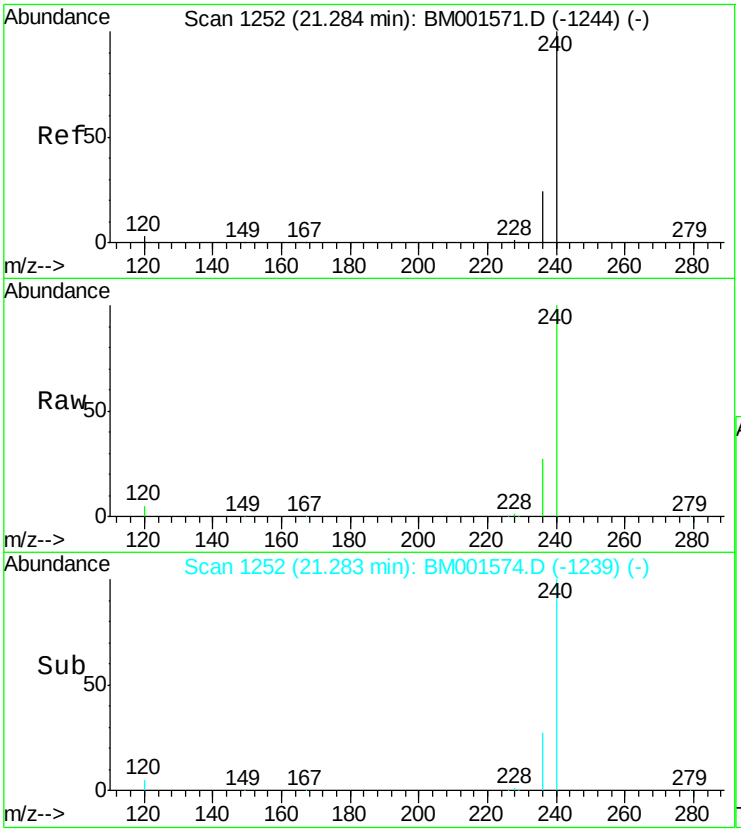


#24
Fluoranthene
Concen: 0.25 ng
RT: 19.15 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:202 Resp: 3825

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
203	17.0	13.9	20.9



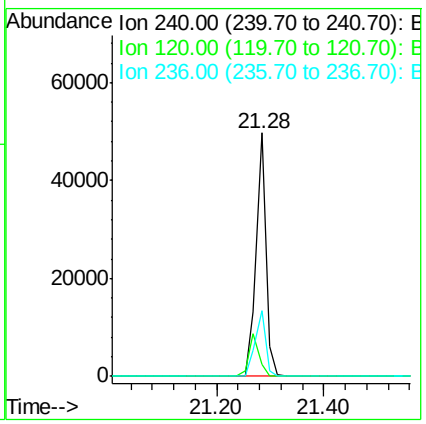


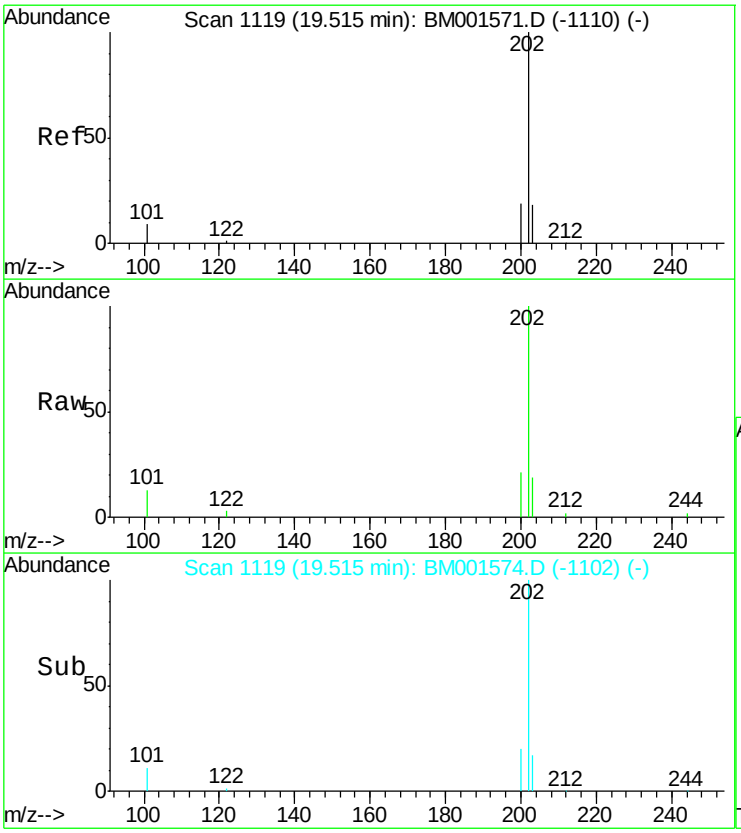
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 64793

Ion	Ratio	Lower	Upper
240	100		
120	4.9	2.2	3.2#
236	26.8	19.5	29.3

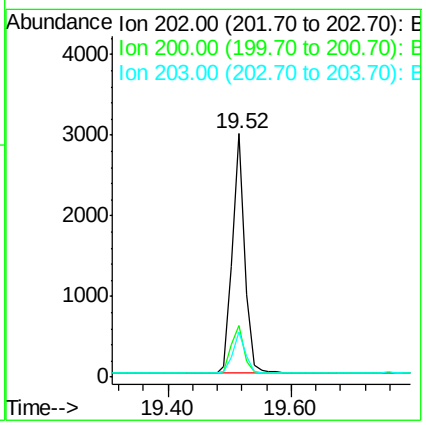


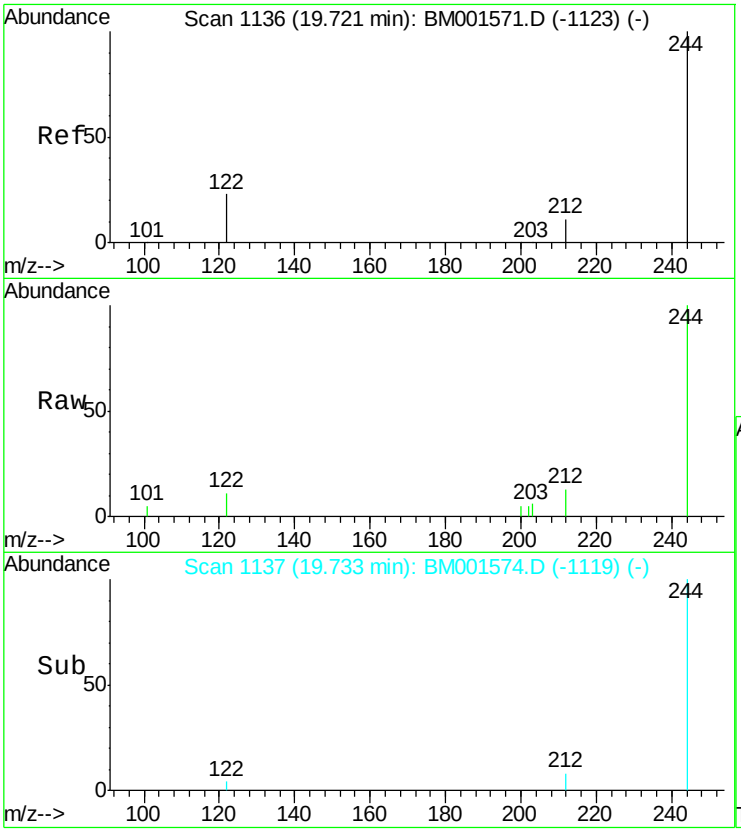


#26
Pyrene
Concen: 0.20 ng
RT: 19.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:202 Resp: 4025

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.4	13.9	20.9



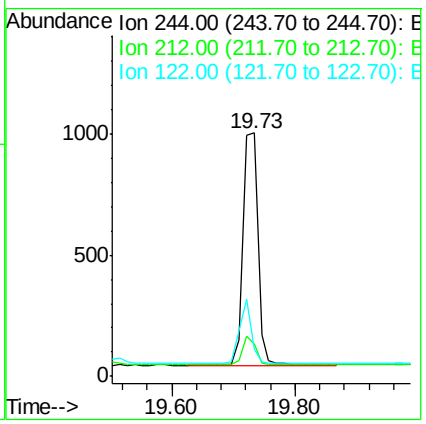


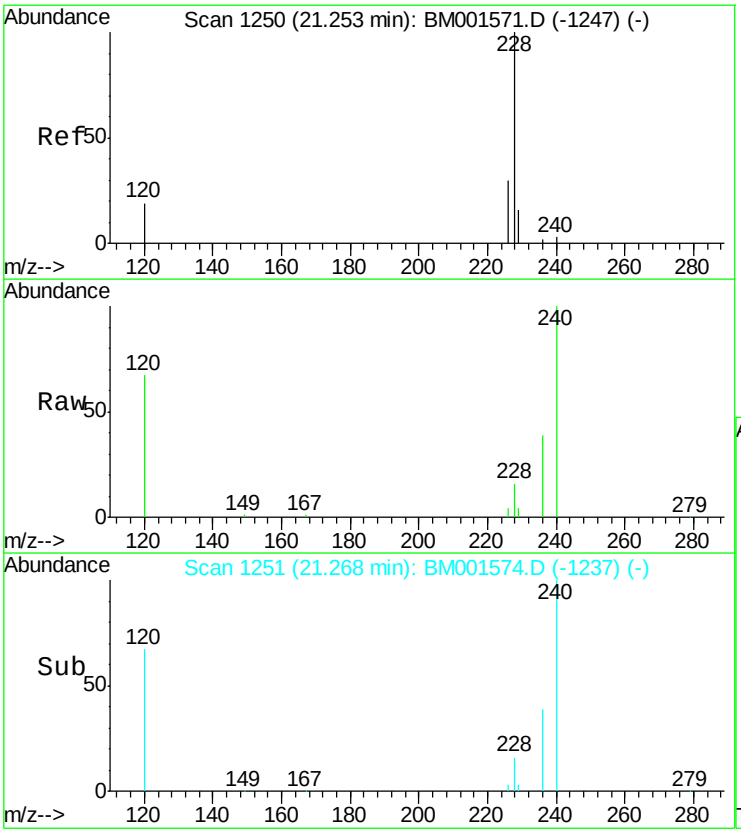
#27
Terphenyl-d14
Concen: 0.20 ng
RT: 19.73 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 1595

Ion	Ratio	Lower	Upper
244	100		
212	13.2	9.6	14.4
122	11.1	19.0	28.4#

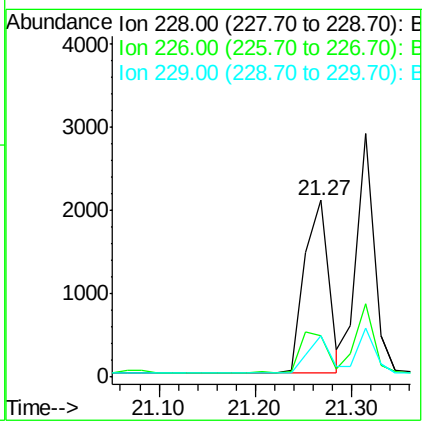


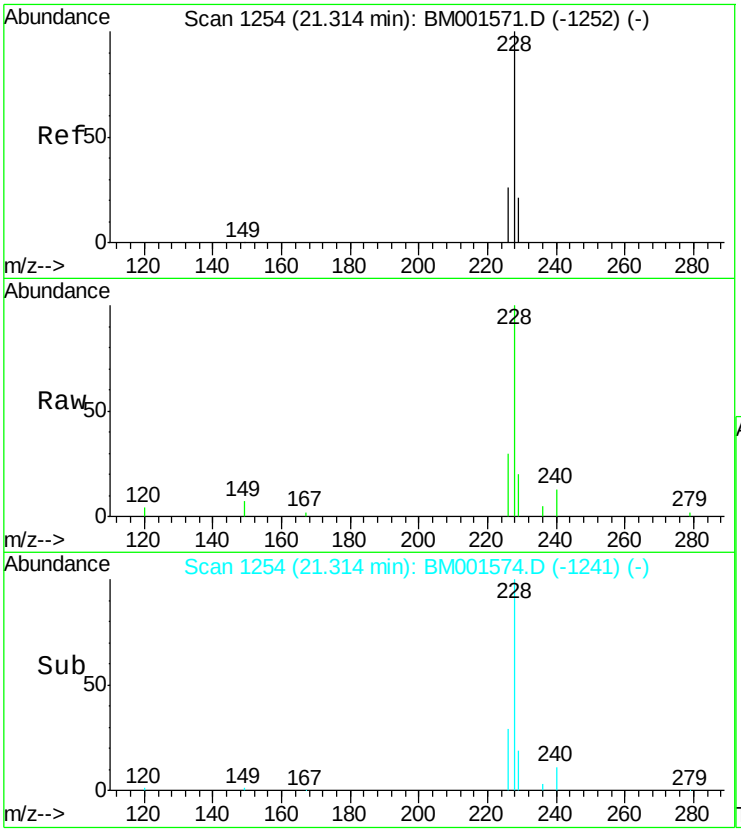


#28
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.27 min Scan# 1251
Delta R.T. 0.02 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:228 Resp: 3572

Ion	Ratio	Lower	Upper
228	100		
226	23.7	24.8	37.2#
229	23.5	13.4	20.0#



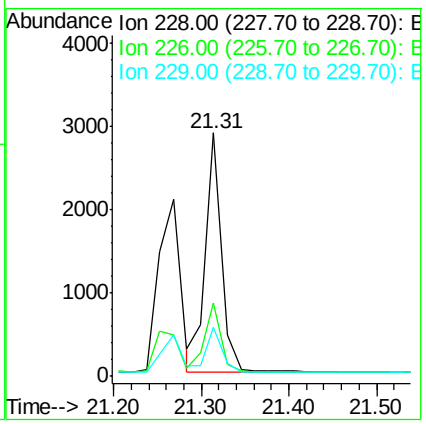


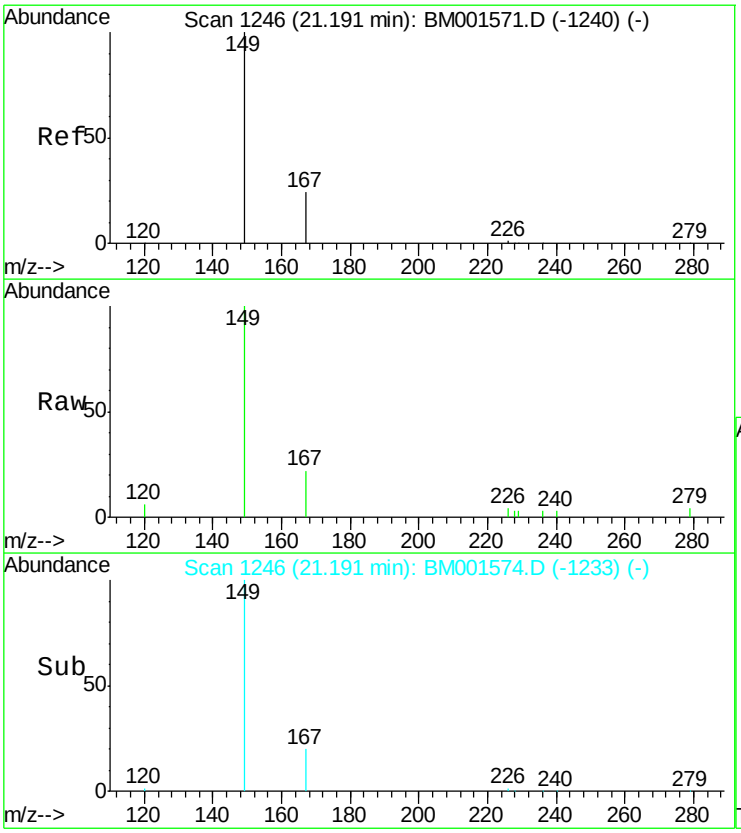
#29
Chrysene
Concen: 0.23 ng
RT: 21.31 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 3686

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.6
229	20.1	17.2	25.8

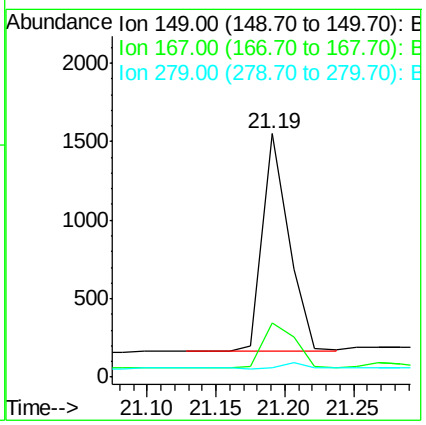


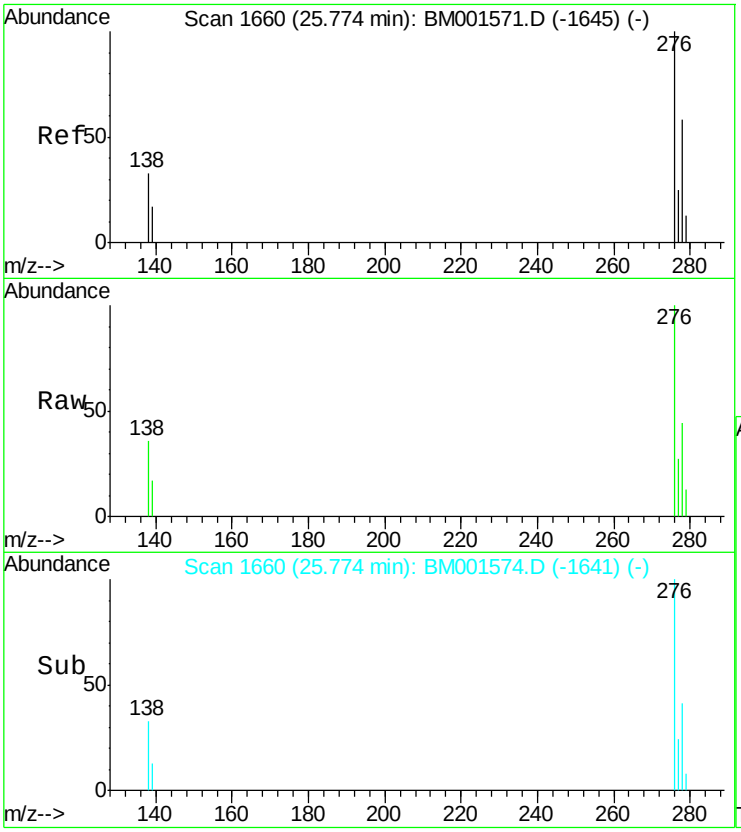


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.19 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:149 Resp: 1852

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.2	30.2
279	2.4	1.8	2.6



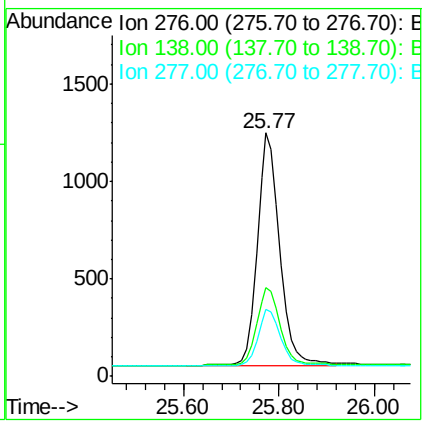


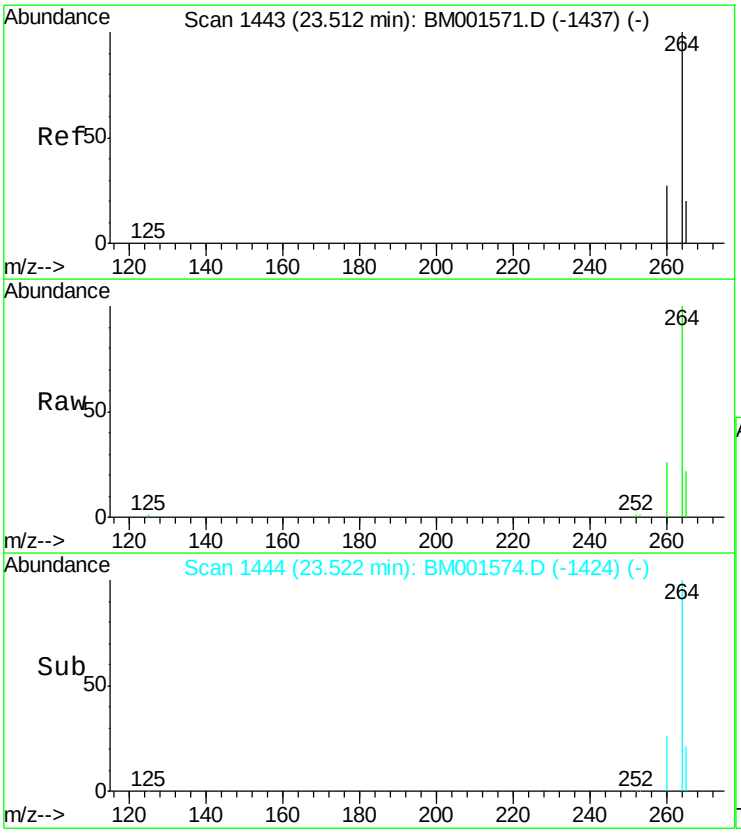
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 25.77 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 3973

Ion	Ratio	Lower	Upper
276	100		
138	35.7	28.0	42.0
277	24.7	19.7	29.5

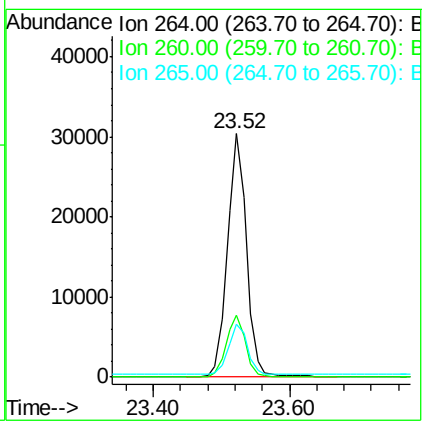


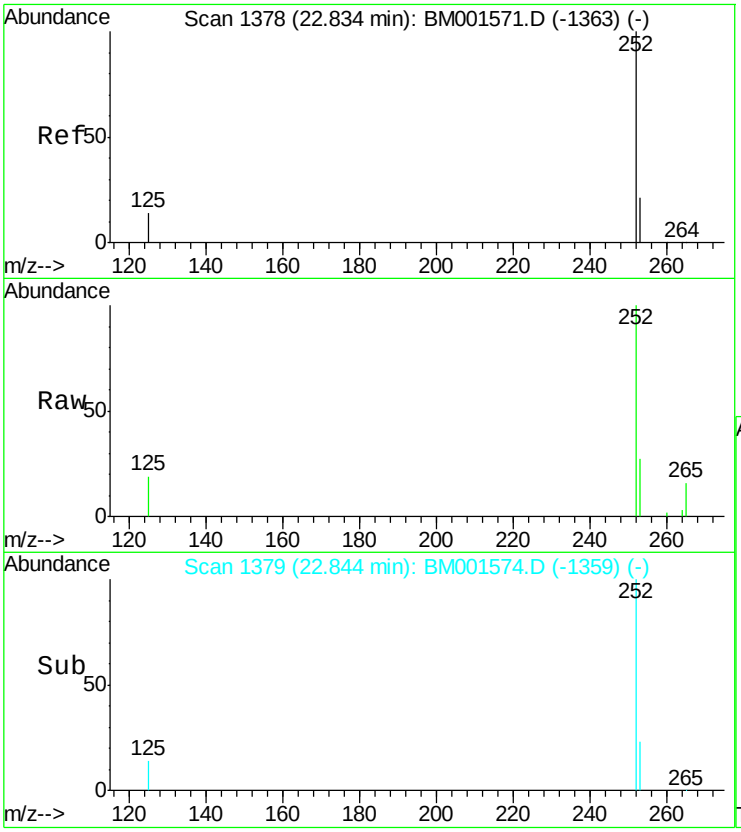


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:264 Resp: 58386

Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.6	32.4
265	21.7	16.5	24.7



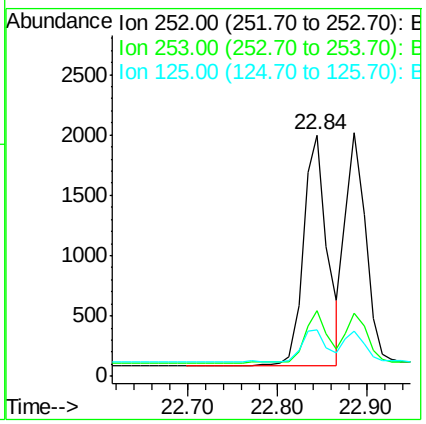


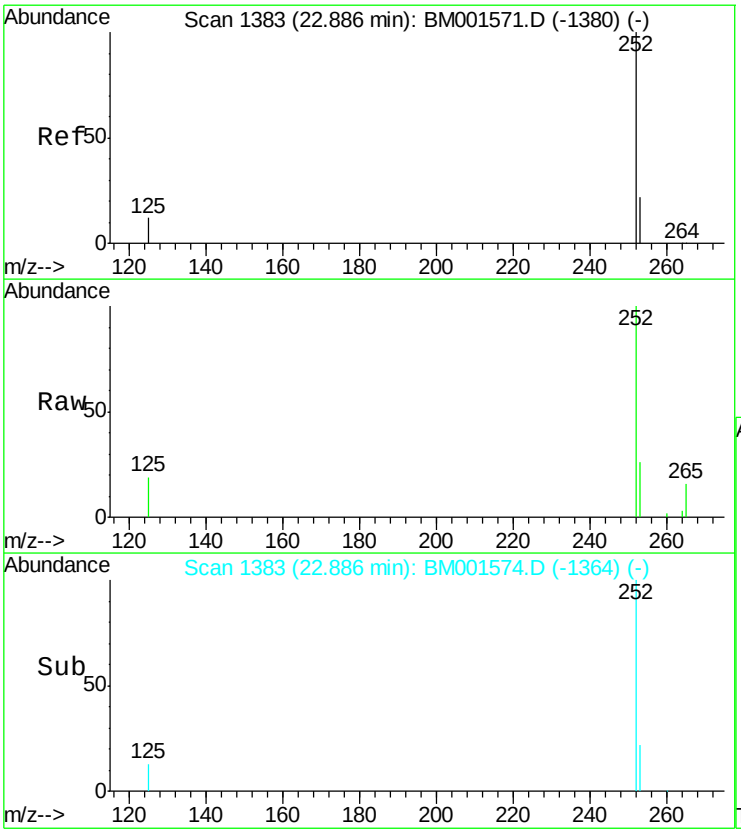
#33
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3541

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.4	26.2#
125	19.1	11.8	17.8#

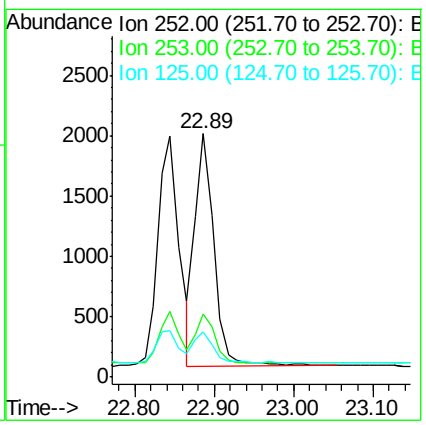


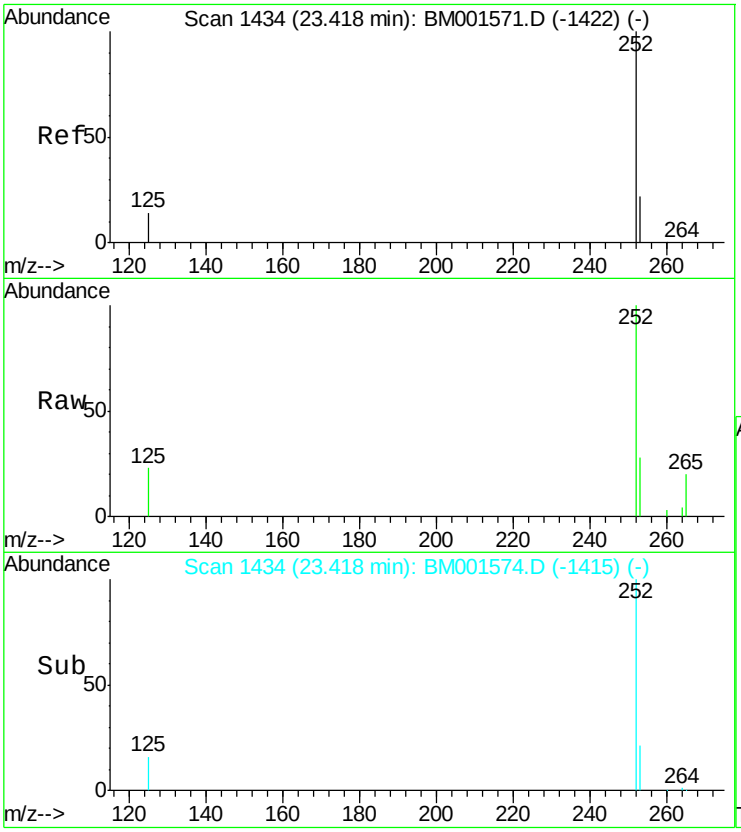


#34
Benzo(k)fluoranthene
Concen: 0.21 ng
RT: 22.89 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:252 Resp: 3160

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.8	28.2
125	18.8	10.7	16.1#



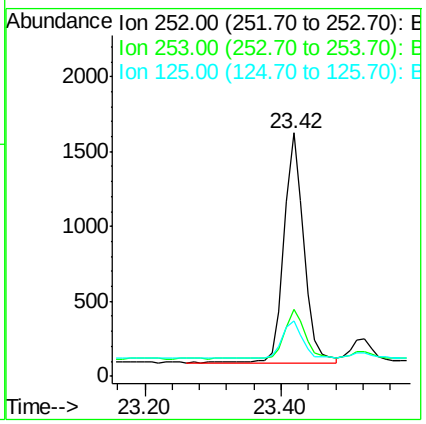


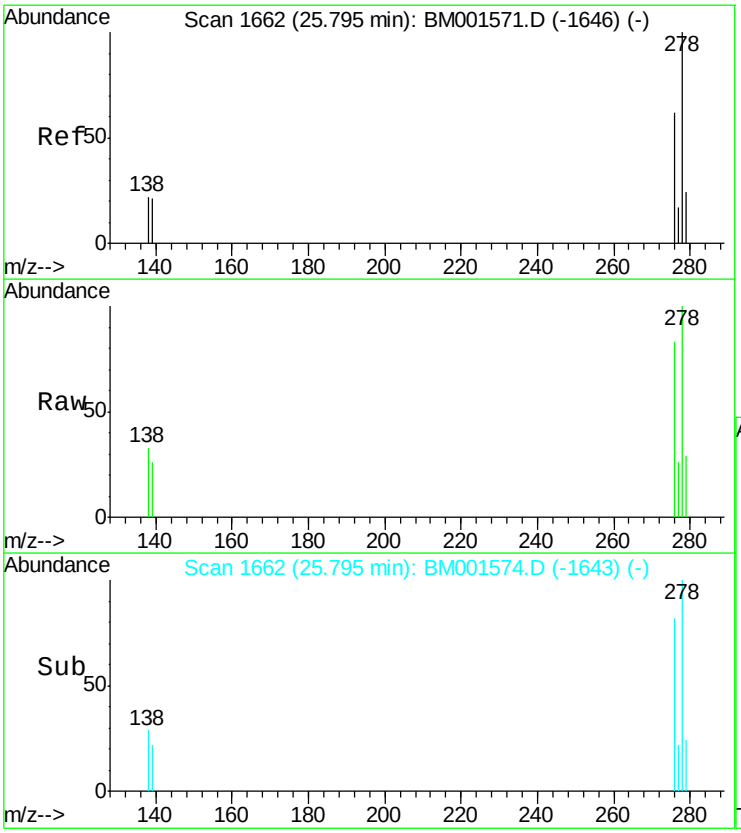
#35
Benzo(a)pyrene
Concen: 0.21 ng
RT: 23.42 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3057

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.8	28.2
125	22.6	12.1	18.1#

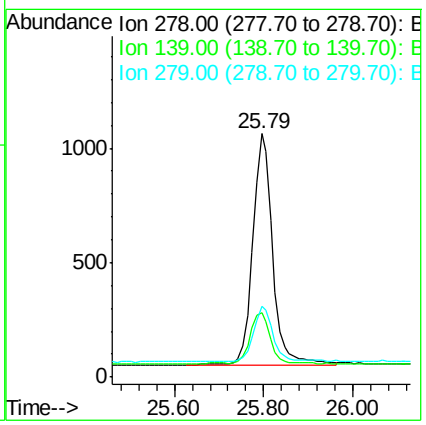


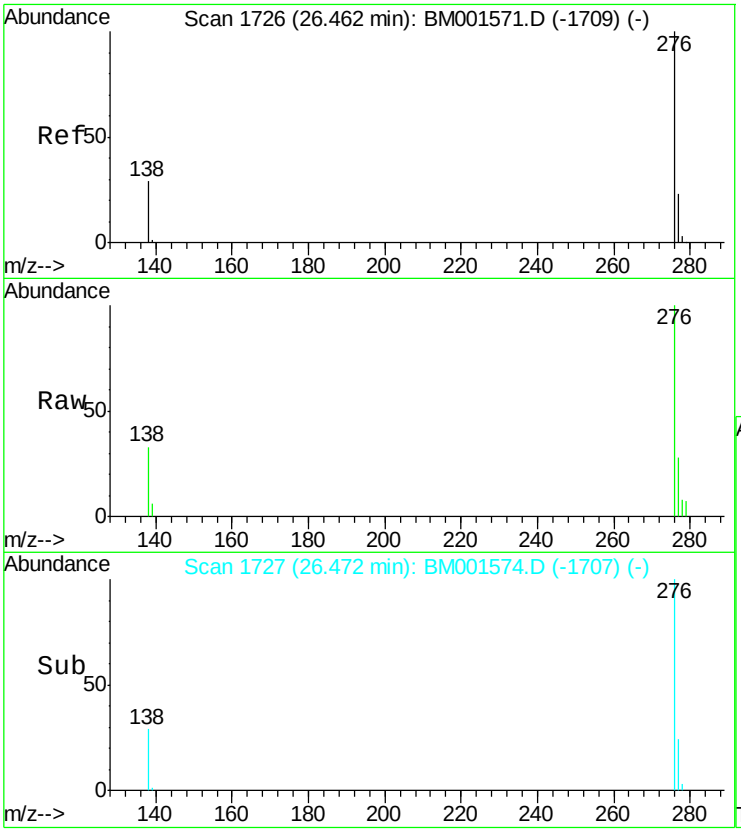


#36
Dibenzo(a,h)anthracene
Concen: 0.23 ng
RT: 25.79 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Tgt Ion:278 Resp: 3161

Ion	Ratio	Lower	Upper
278	100		
139	26.3	17.4	26.0#
279	28.9	20.0	30.0





#37
Benzo(g,h,i)perylene
Concen: 0.23 ng
RT: 26.47 min Scan# 1727
Delta R.T. 0.01 min
Lab File: BM001574.D
Acq: 05 Jun 2015 20:13

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 3314

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.2	28.8
138	32.9	23.7	35.5