Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013016\
Data File : BM004147.D
Acq On : 29 Jan 2016 15:37
Operator : SJ/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DFTPP

Quant Time: Jan 29 22:13:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM012216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 14:46:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	20376	5.00	ng		0.00
7) Naphthalene-d8	10.44	136	90474	5.00	ng		0.00
13) Acenaphthene-d10	14.31	164	55984	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	163082	5.00	ng		0.00
26) Chrysene-d12	21.27	240	142461	5.00	ng		0.00
35) Perylene-d12	23.52	264	144067	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	3672	0.86	ng		0.00
5) Phenol-d6	6.85	99	4488	0.87	ng		0.00
8) Nitrobenzene-d5	8.83	82	3528	0.89	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	1372	0.89	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	15462	0.90	ng		0.00
29) Terphenyl-d14	19.71	244	18740	1.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	1923	0.98	ng		99
3) n-Nitrosodimethylamine	3.49	42	1632	0.90	ng		100
6) bis(2-Chloroethyl)ether	7.09	93	4351	0.92	ng		97
9) Nitrobenzene	8.87	77	3990	0.89	ng		99
10) Naphthalene	10.49	128	19465	0.92	ng		98
11) Hexachlorobutadiene	10.79	225	2951	0.91	ng		99
12) 2-Methylnaphthalene	12.12	142	12846	0.93	ng		97
16) Acenaphthylene	14.02	152	21432	0.89	ng		100
17) Acenaphthene	14.37	154	16059	0.88	ng		96
18) Fluorene	15.37	166	20567	0.92	ng		100
20) 4-Bromophenyl-phenylether	16.24	248	4749	0.89	ng	#	16
21) Hexachlorobenzene	16.37	284	4915	0.88	ng	#	57
22) Pentachlorophenol	16.73	266	1008	0.82	ng	#	79
23) Phenanthrene	17.09	178	31365	0.89	ng	#	83
24) Anthracene	17.19	178	32405	0.87	ng		98
25) Fluoranthene	19.14	202	38925	0.88	ng		99
27) Benzidine	19.35	184	6548	1.06	ng		98
28) Pyrene	19.50	202	41832	1.05	ng		99
30) Benzo(a)anthracene	21.31	228	83578	1.98	ng	#	87
31) 3,3'-Dichlorobenzidine	21.21	252	8905	1.03	ng		99
32) Chrysene	21.31	228	84001	2.30	ng		97
33) Bis(2-ethylhexyl)phthalate	21.19	149	15298	1.10	ng		94
34) Indeno(1,2,3-cd)pyrene	25.77	276	38500	0.92	ng		100
36) Benzo(b)fluoranthene	22.84	252	39085	0.87	ng		97
37) Benzo(k)fluoranthene	22.88	252	39275	0.97	ng		97
38) Benzo(a)pyrene	23.41	252	35628	0.91	ng		99
39) Dibenzo(a,h)anthracene	25.78	278	30386	0.86	ng		99
40) Benzo(g,h,i)perylene	26.46	276	33163	0.86	ng		99

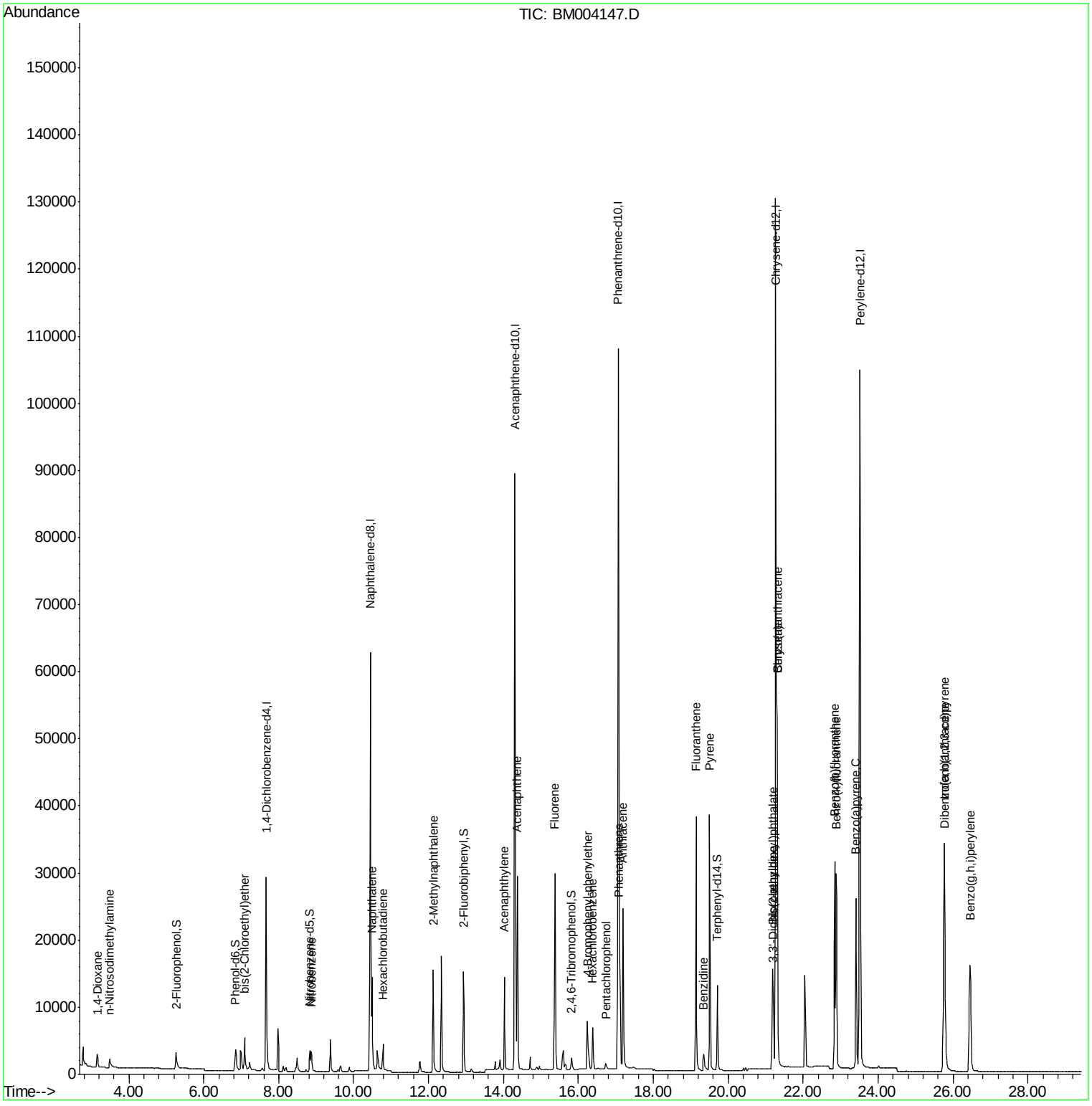
(#) = qualifier out of range (m) = manual integration (+) = signals summed

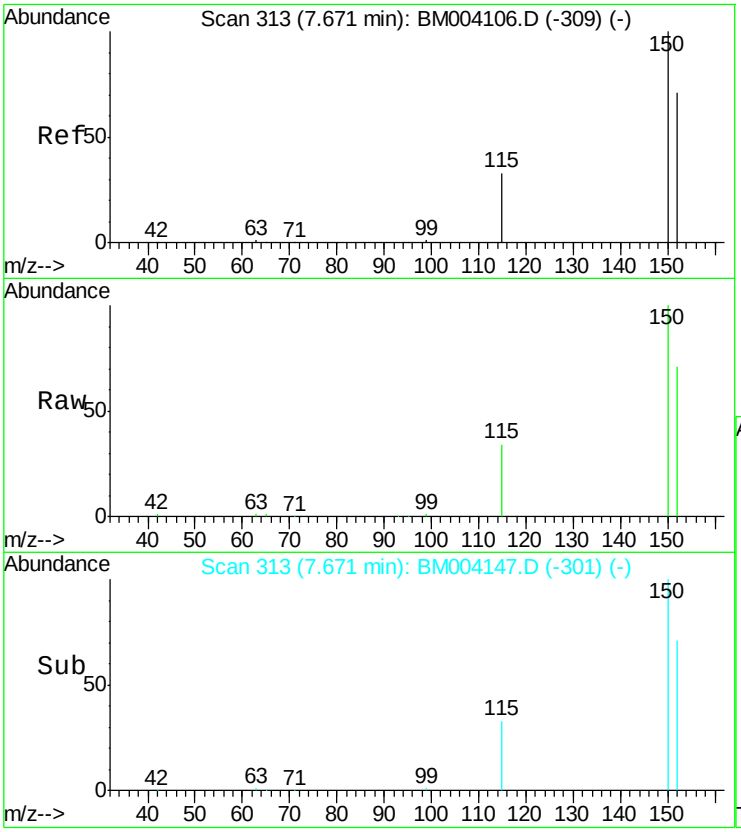
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013016\
Data File : BM004147.D
Acq On : 29 Jan 2016 15:37
Operator : SJ/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jan 29 22:13:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM012216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 14:46:41 2016
Response via : Initial Calibration



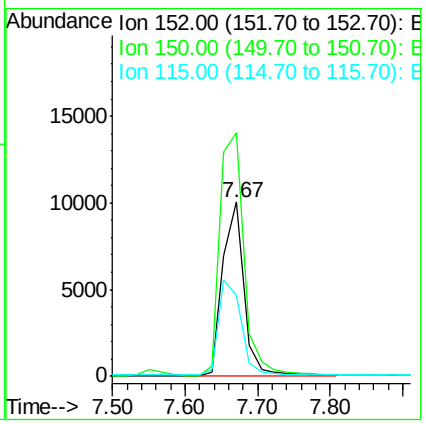


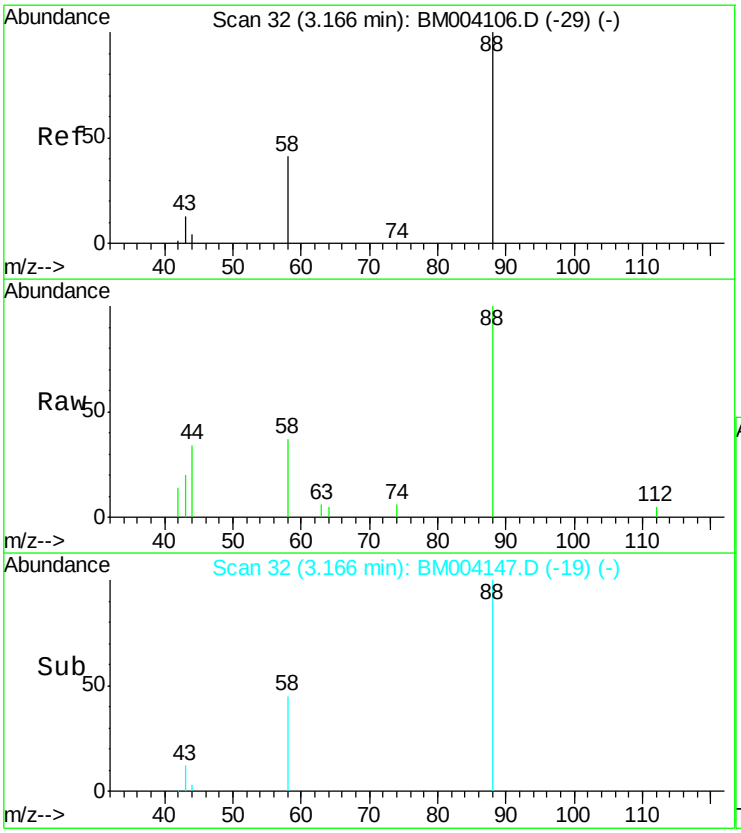
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 20376

Ion	Ratio	Lower	Upper
152	100		
150	140.0	122.9	184.3
115	47.0	44.4	66.6

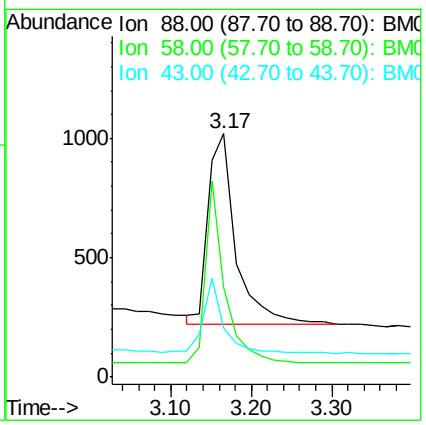


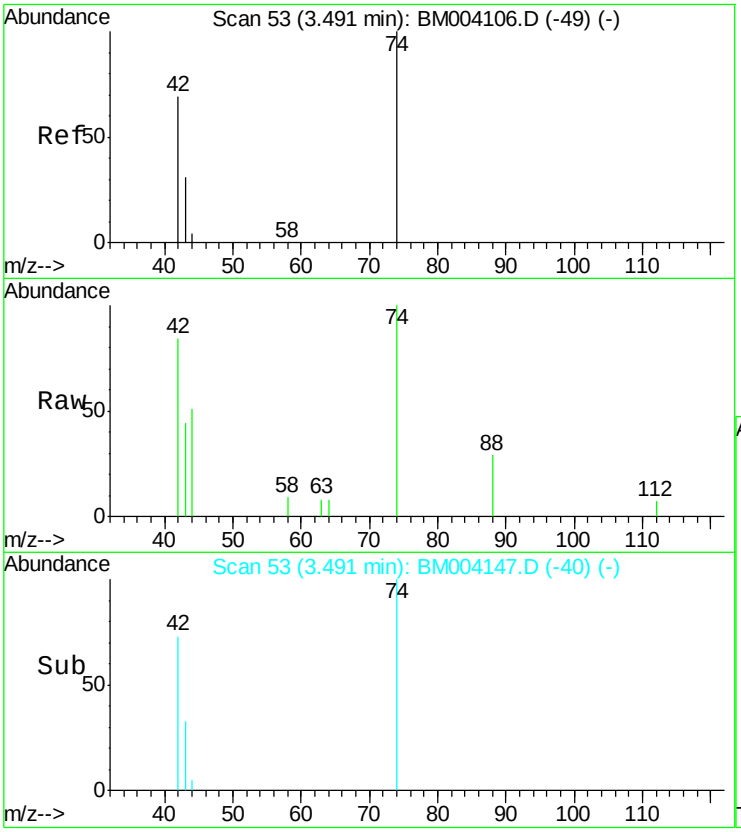


#2
1,4-Dioxane
Concen: 0.98 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion: 88 Resp: 1923

Ion	Ratio	Lower	Upper
88	100		
58	66.6	53.8	80.6
43	29.0	23.8	35.6



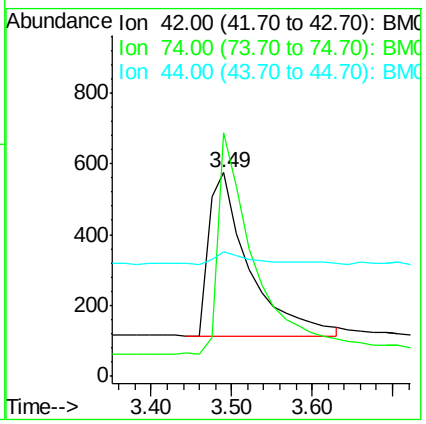


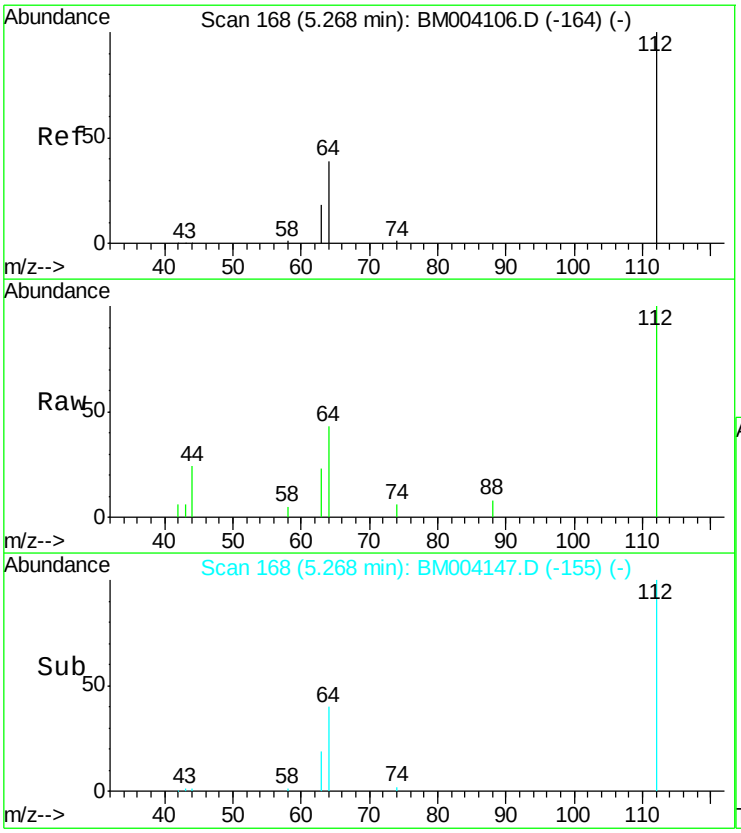
#3
n-Nitrosodimethylamine
Concen: 0.90 ng
RT: 3.49 min Scan# 53
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion: 42 Resp: 1632

Ion	Ratio	Lower	Upper
42	100		
74	118.6	95.0	142.4
44	6.3	5.1	7.7

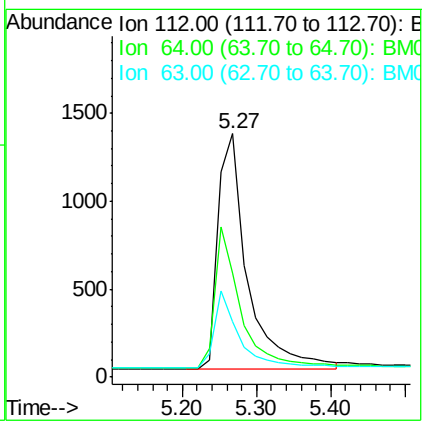


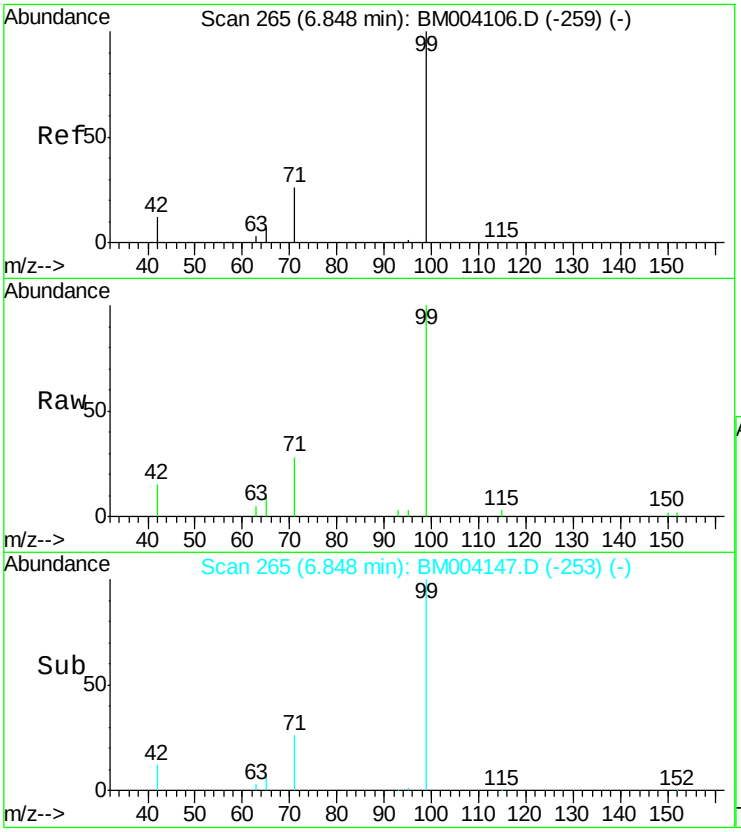


#4
2-Fluorophenol
Concen: 0.86 ng
RT: 5.27 min Scan# 168
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:112 Resp: 3672

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.8	62.8
63	28.0	22.1	33.1



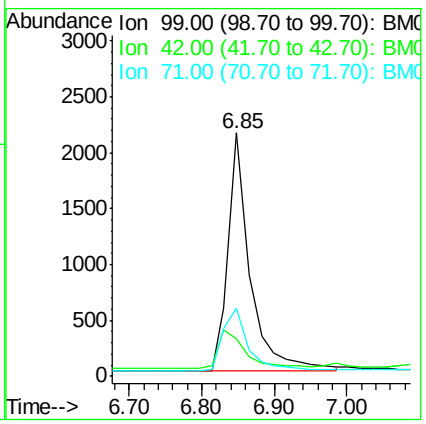


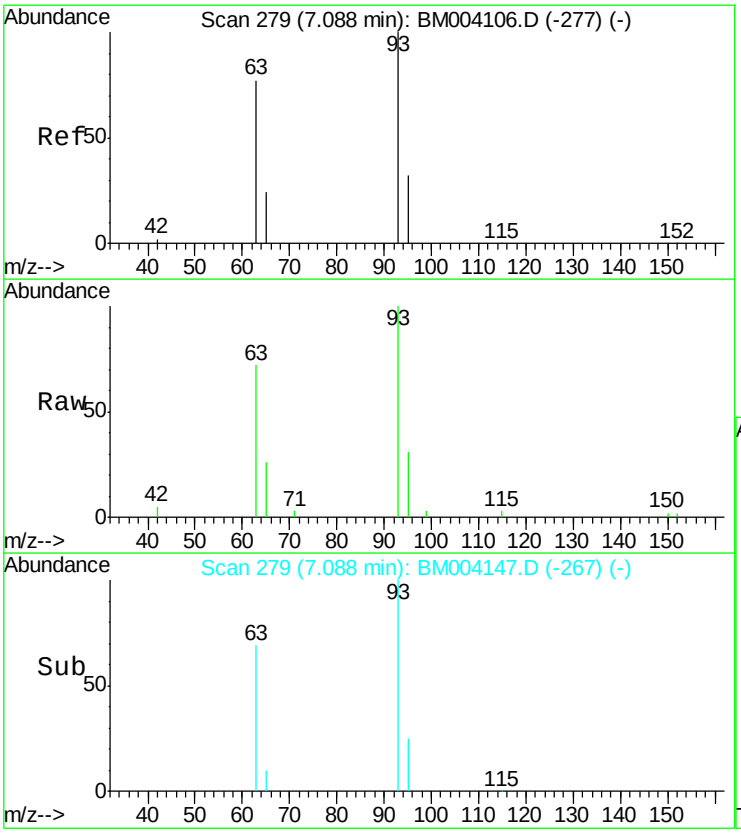
#5
Phenol-d6
Concen: 0.87 ng
RT: 6.85 min Scan# 265
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion: 99 Resp: 4488

Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.2	24.2
71	31.0	24.4	36.6

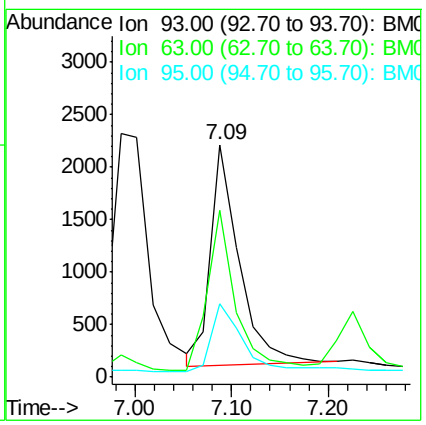


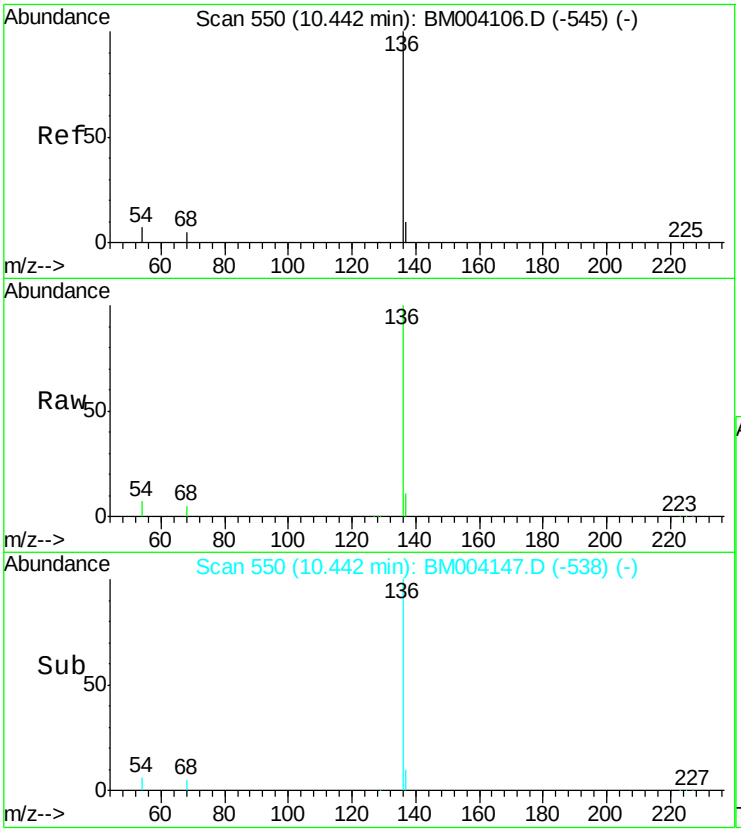


#6
bis(2-Chloroethyl)ether
Concen: 0.92 ng
RT: 7.09 min Scan# 279
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion: 93 Resp: 4351

Ion	Ratio	Lower	Upper
93	100		
63	70.7	58.3	87.5
95	33.5	25.8	38.8



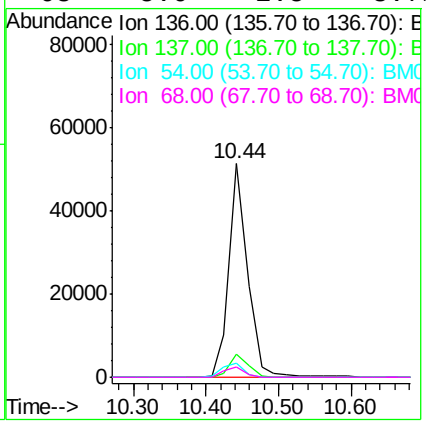


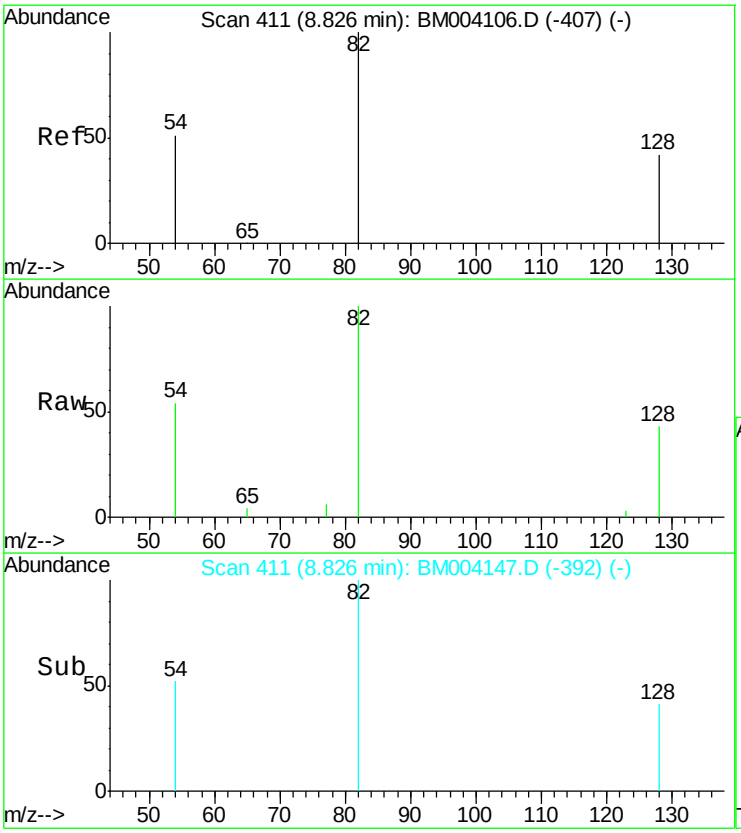
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:136 Resp: 90474

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.6	2.8	4.2#
68	5.0	2.5	3.7#

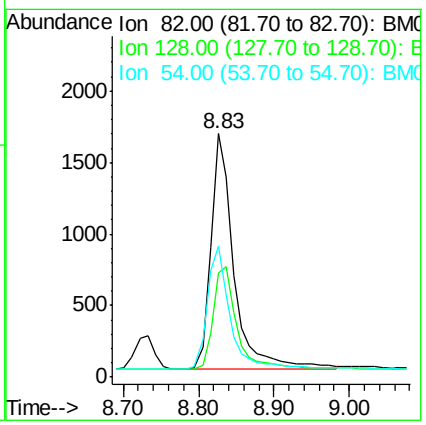


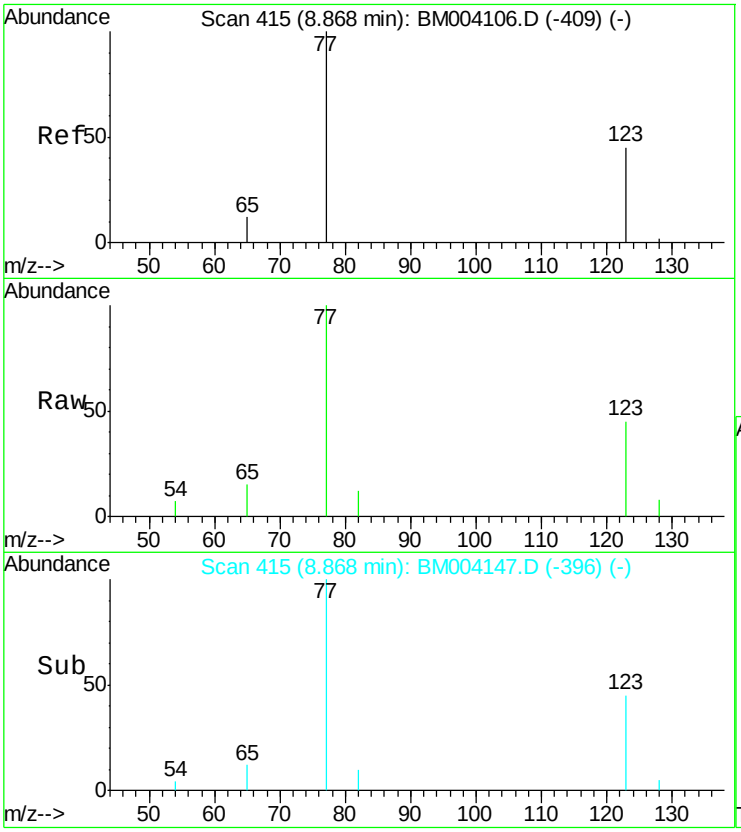


#8
Nitrobenzene-d5
Concen: 0.89 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion: 82 Resp: 3528

Ion	Ratio	Lower	Upper
82	100		
128	42.8	39.1	58.7
54	53.9	34.8	52.2#



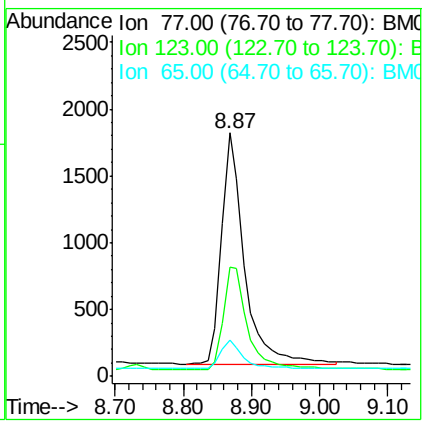


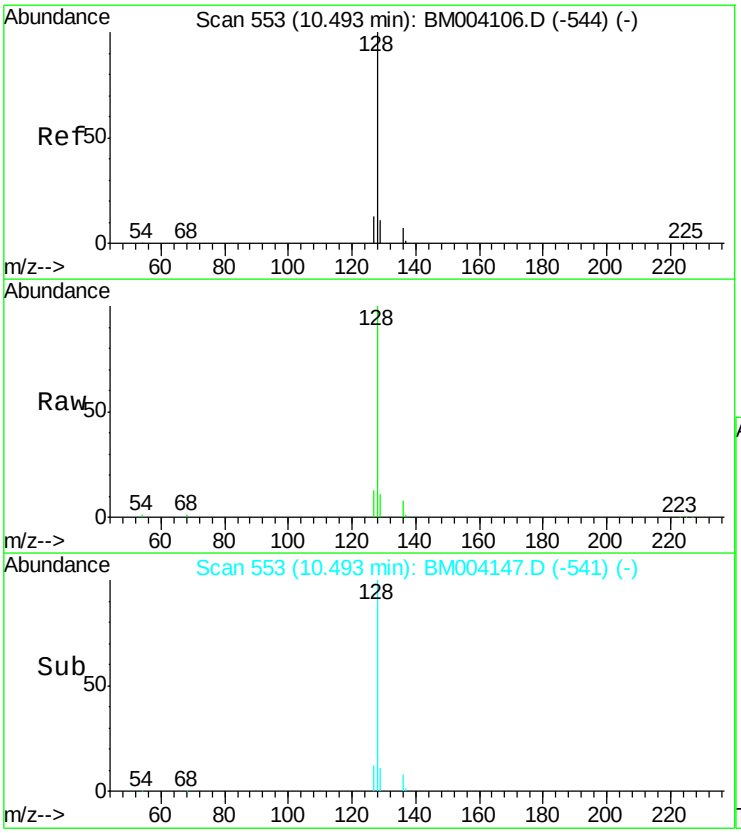
#9
Nitrobenzene
Concen: 0.89 ng
RT: 8.87 min Scan# 415
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion: 77 Resp: 3990

Ion	Ratio	Lower	Upper
77	100		
123	47.8	38.6	57.8
65	12.6	9.9	14.9

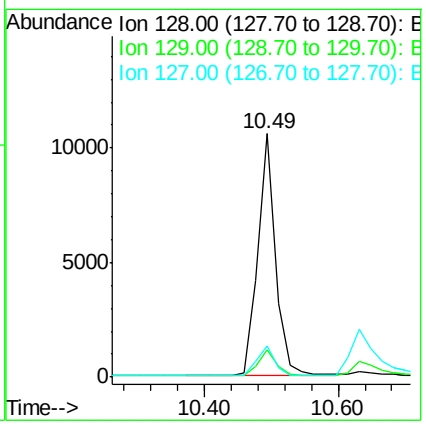


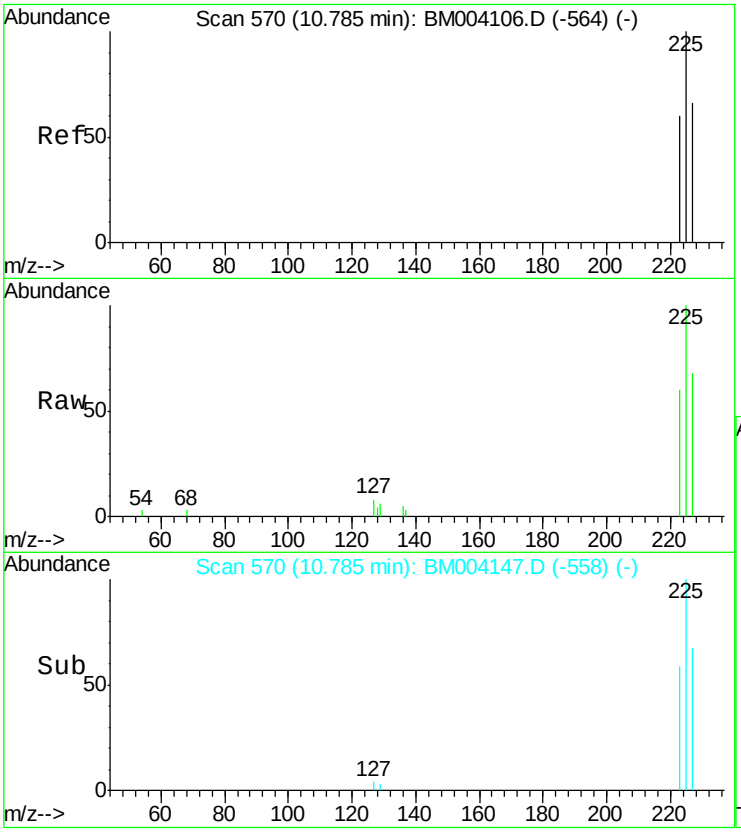


#10
Naphthalene
Concen: 0.92 ng
RT: 10.49 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:128 Resp: 19465

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.5	12.7
127	12.7	11.0	16.4



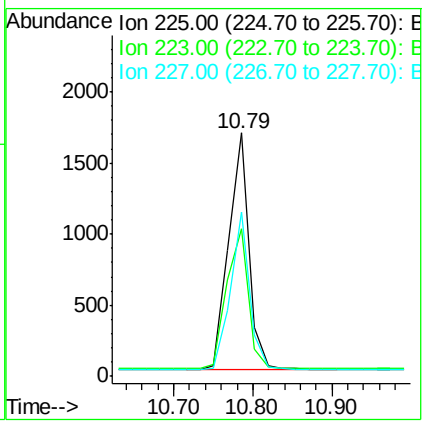


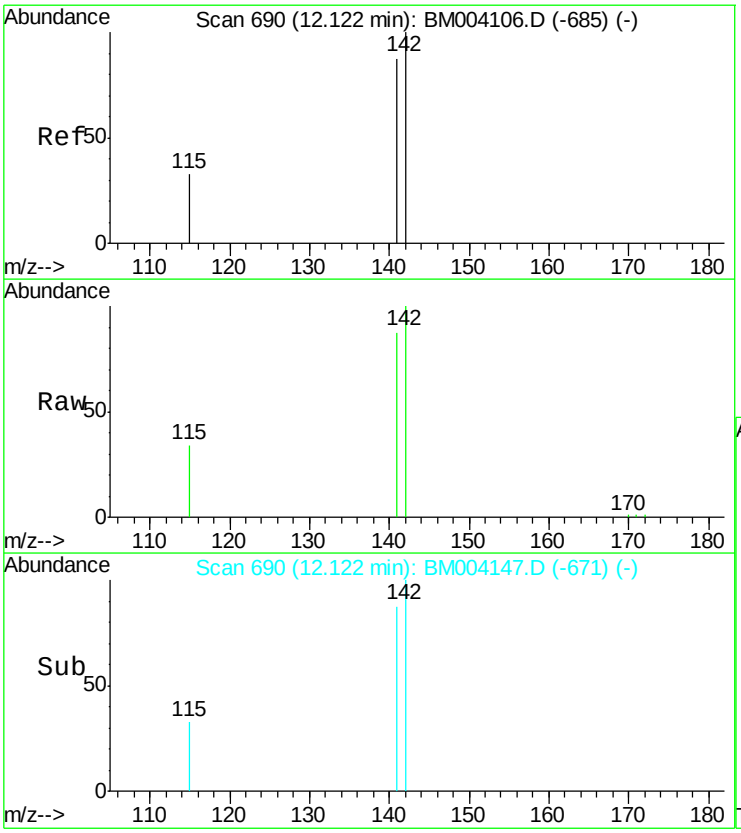
#11
Hexachlorobutadiene
Concen: 0.91 ng
RT: 10.79 min Scan# 570
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:225 Resp: 2951

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	63.3	51.2	76.8

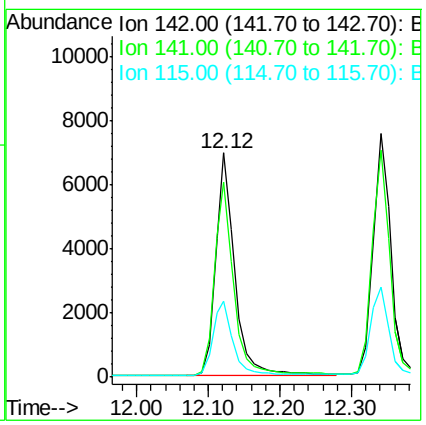


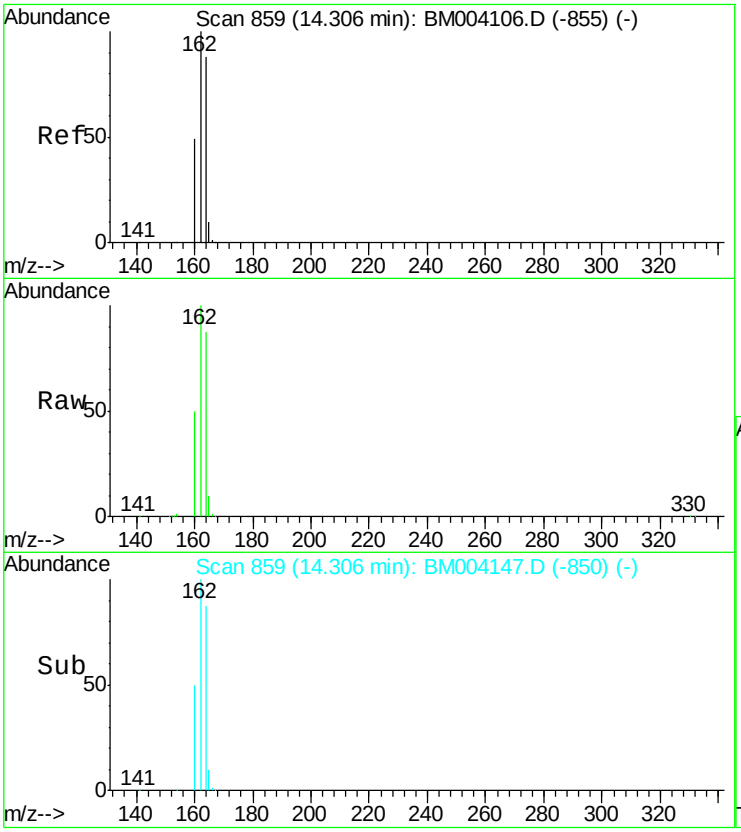


#12
2-Methylnaphthalene
Concen: 0.93 ng
RT: 12.12 min Scan# 690
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:142 Resp: 12846

Ion	Ratio	Lower	Upper
142	100		
141	87.1	67.8	101.8
115	34.0	25.3	37.9



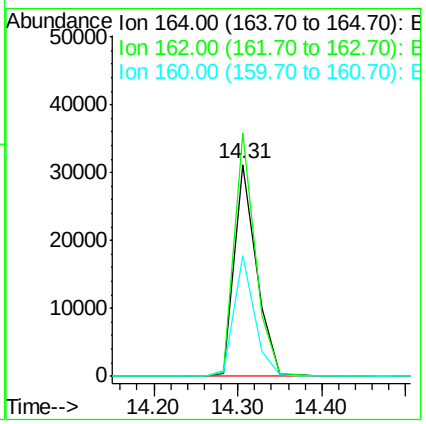


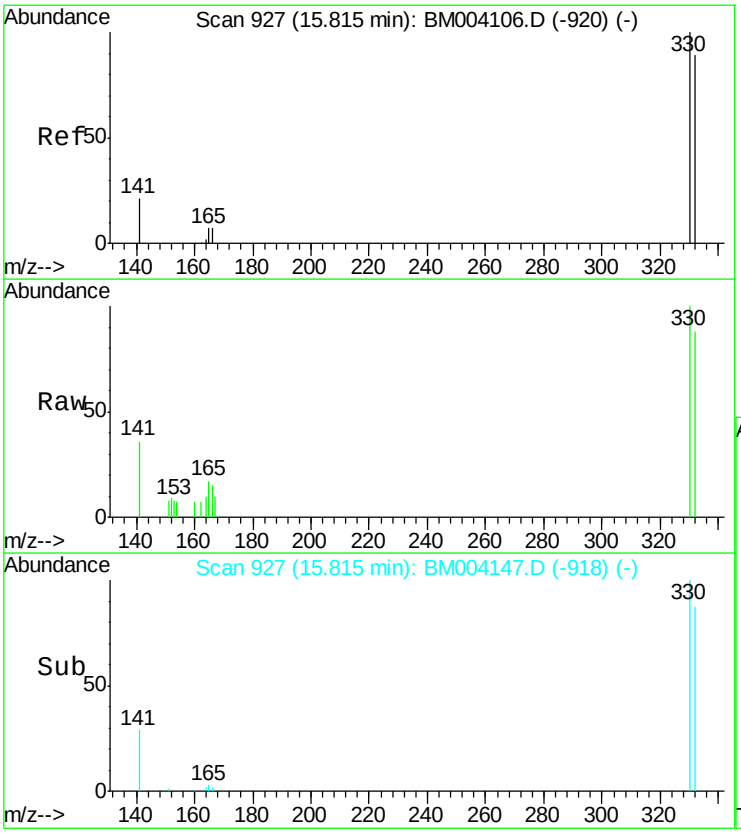
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:164 Resp: 55984

Ion	Ratio	Lower	Upper
164	100		
162	114.7	86.0	129.0
160	57.1	40.3	60.5

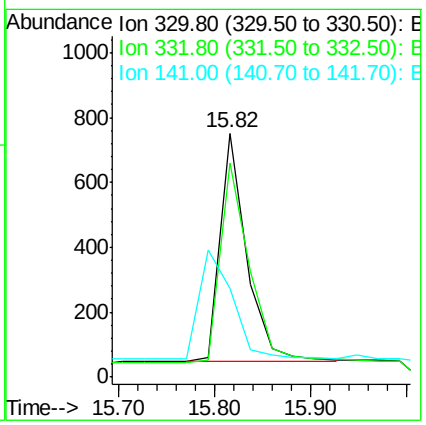


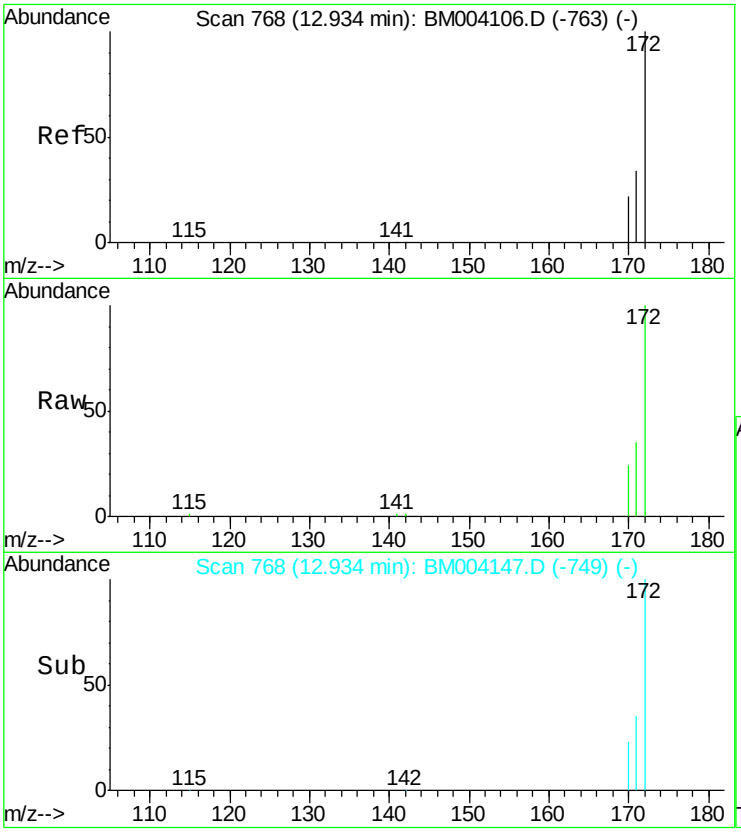


#14
2,4,6-Tribromophenol
Concen: 0.89 ng
RT: 15.82 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:330 Resp: 1372

Ion	Ratio	Lower	Upper
330	100		
332	95.2	79.0	118.4
141	0.0	27.8	41.6#



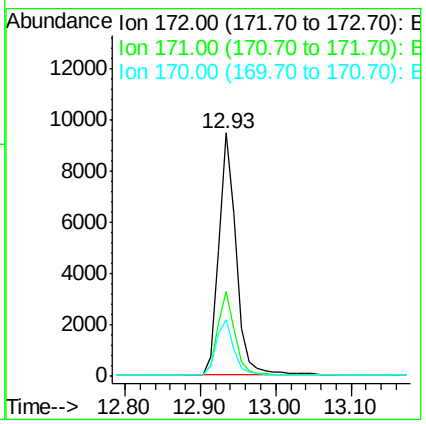


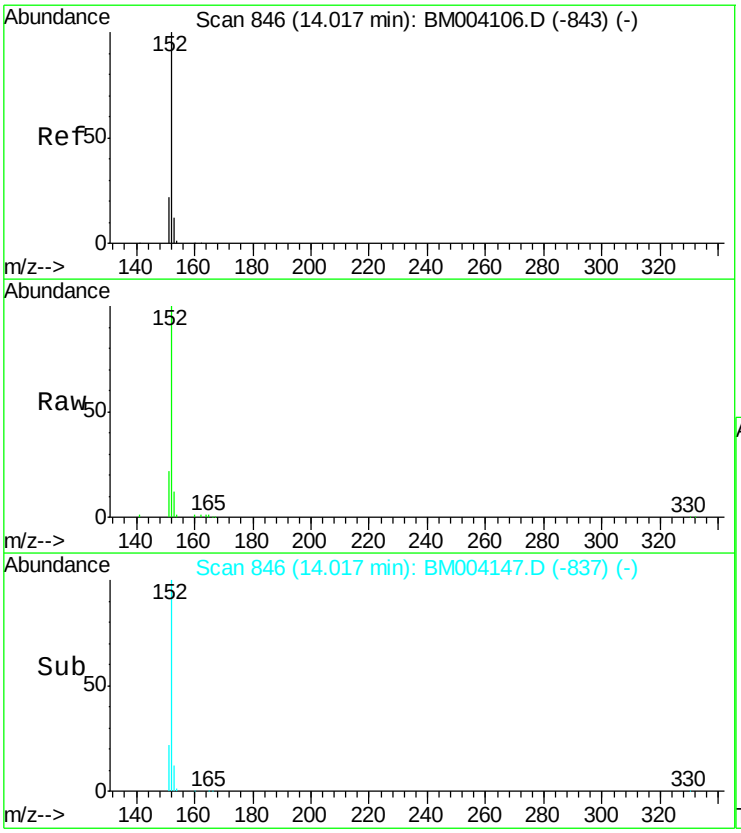
#15
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 15462

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.0	40.6
170	23.5	17.9	26.9

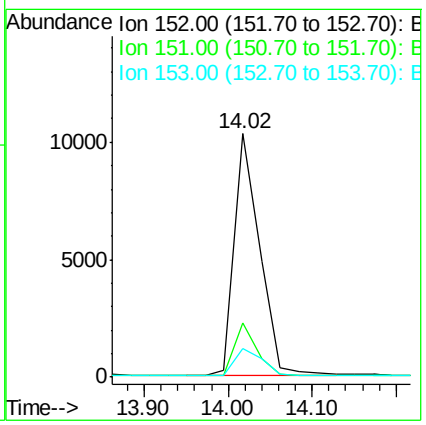


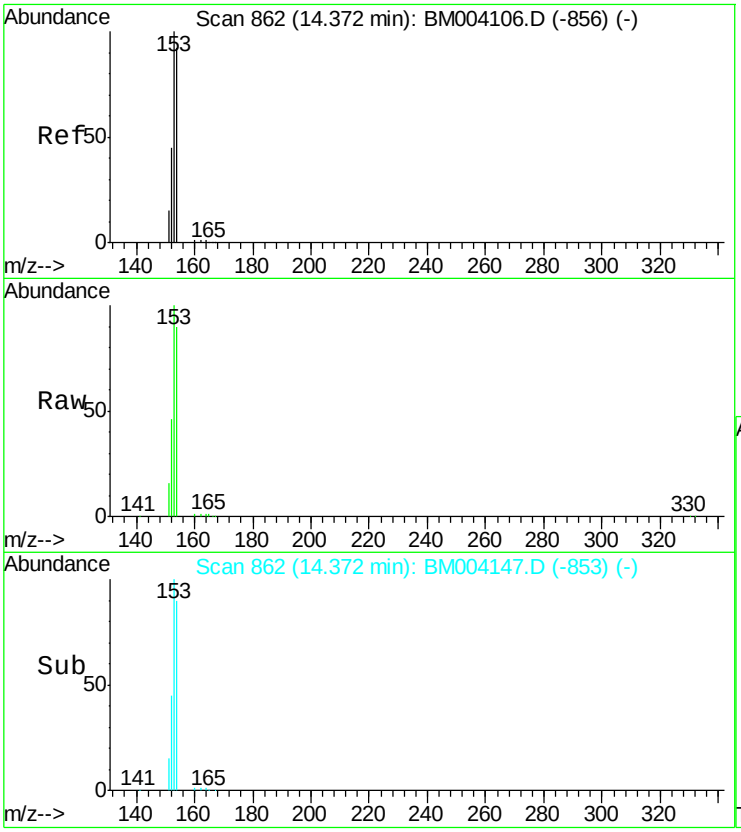


#16
Acenaphthylene
Concen: 0.89 ng
RT: 14.02 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:152 Resp: 21432

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.7	10.2	15.4



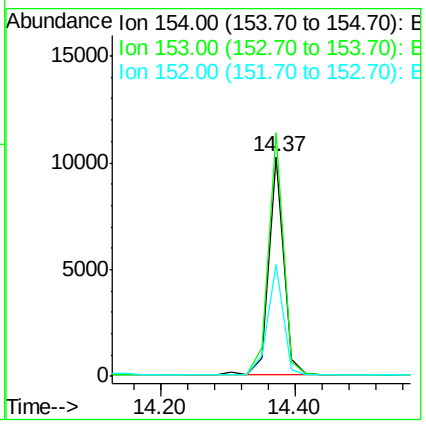


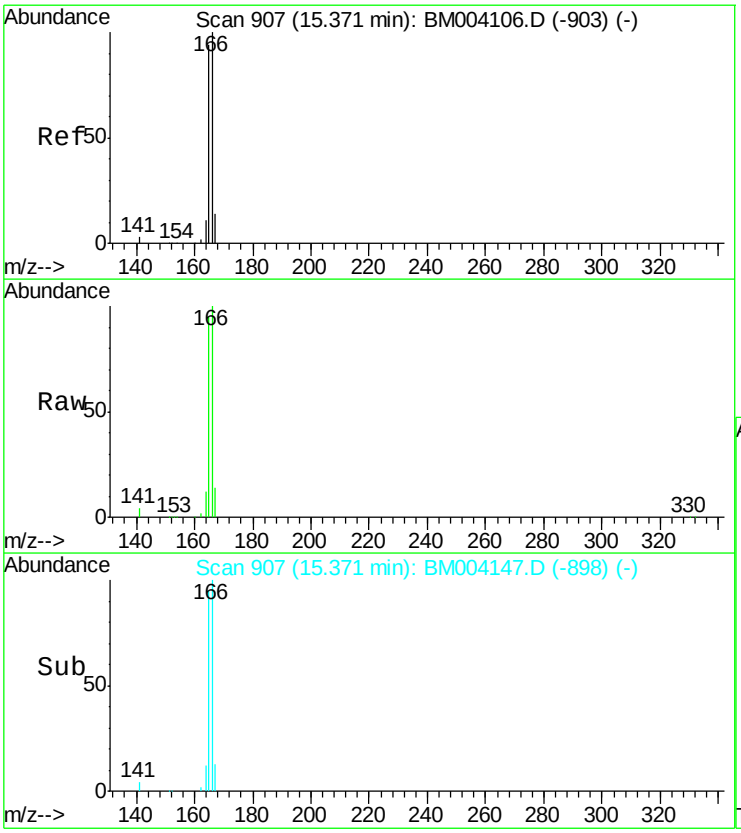
#17
Acenaphthene
Concen: 0.88 ng
RT: 14.37 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:154 Resp: 16059

Ion	Ratio	Lower	Upper
154	100		
153	111.3	85.4	128.2
152	52.8	40.6	60.8

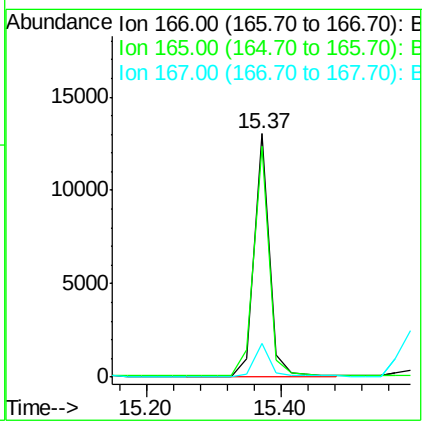


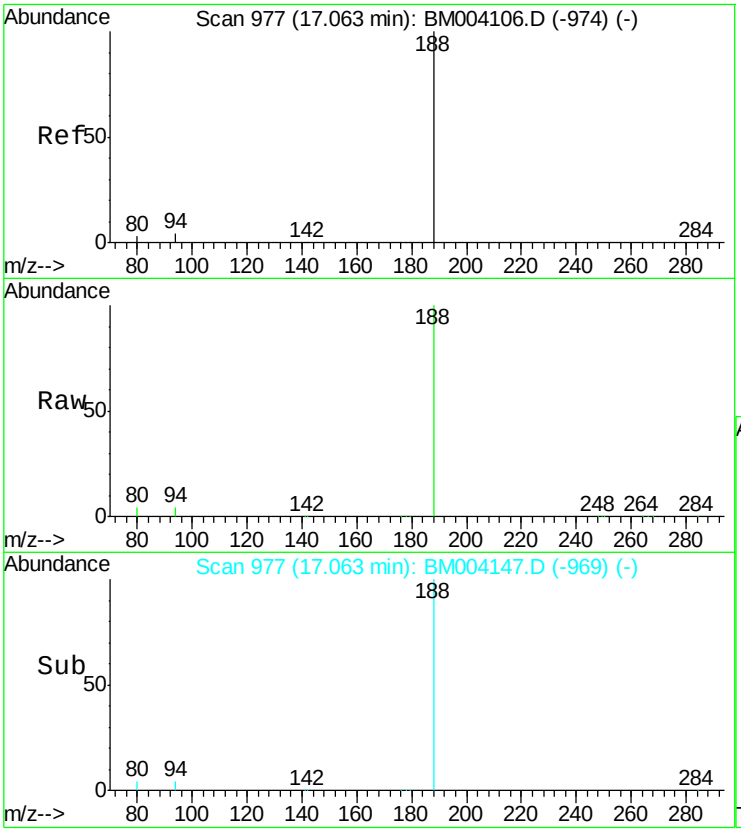


#18
Fluorene
Concen: 0.92 ng
RT: 15.37 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:166 Resp: 20567

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.2	115.8
167	13.3	11.0	16.6



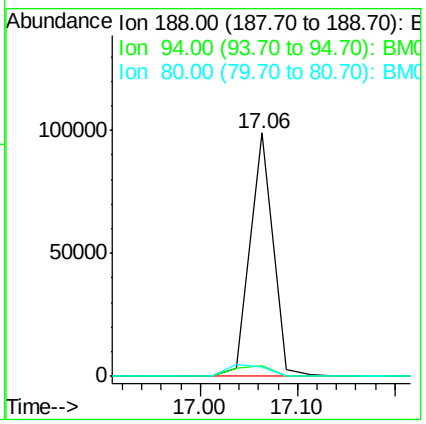


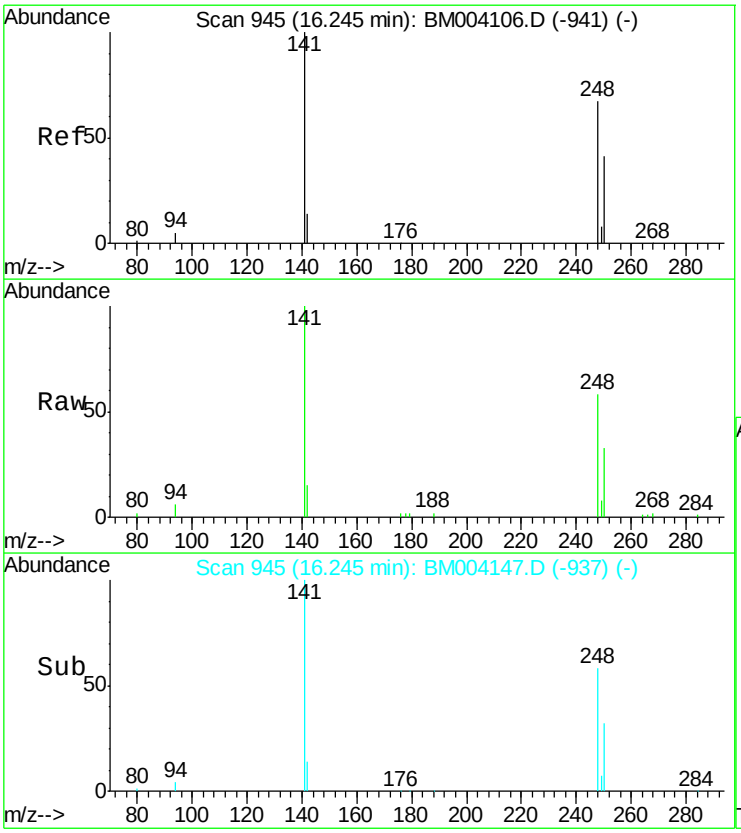
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:188 Resp: 163082

Ion	Ratio	Lower	Upper
188	100		
94	4.4	20.3	30.5#
80	3.8	22.2	33.4#

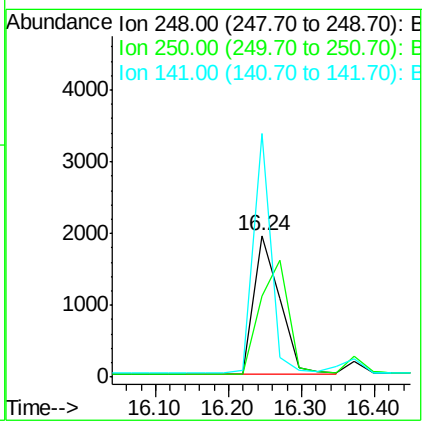


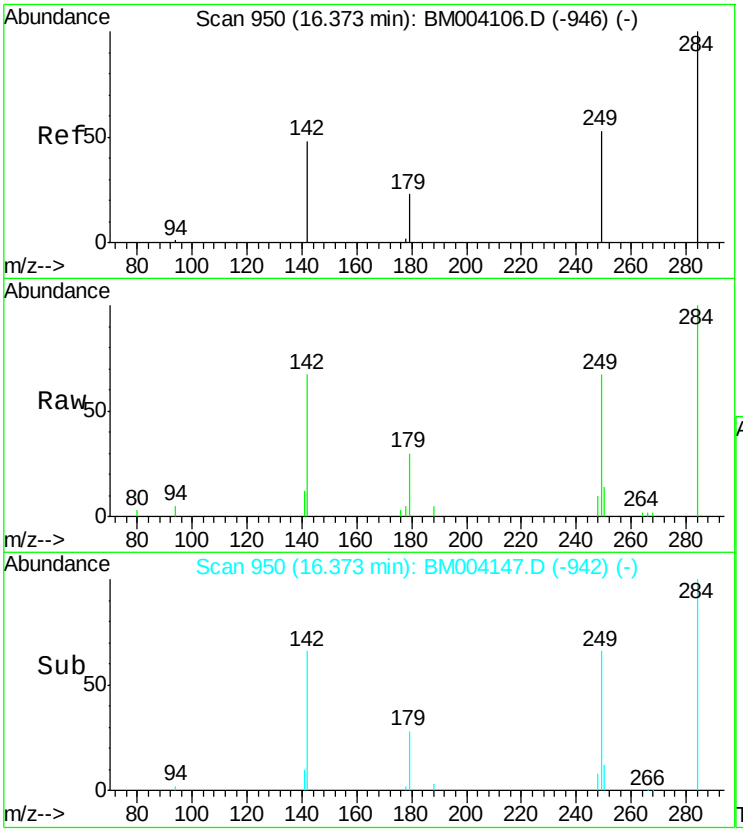


#20
4-Bromophenyl-phenylether
Concen: 0.89 ng
RT: 16.24 min Scan# 945
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:248 Resp: 4749

Ion	Ratio	Lower	Upper
248	100		
250	0.0	75.0	112.4#
141	119.0	53.0	79.4#



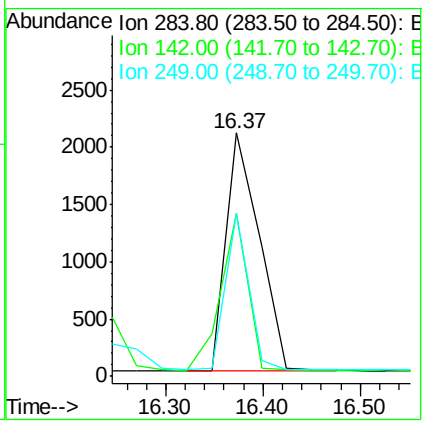


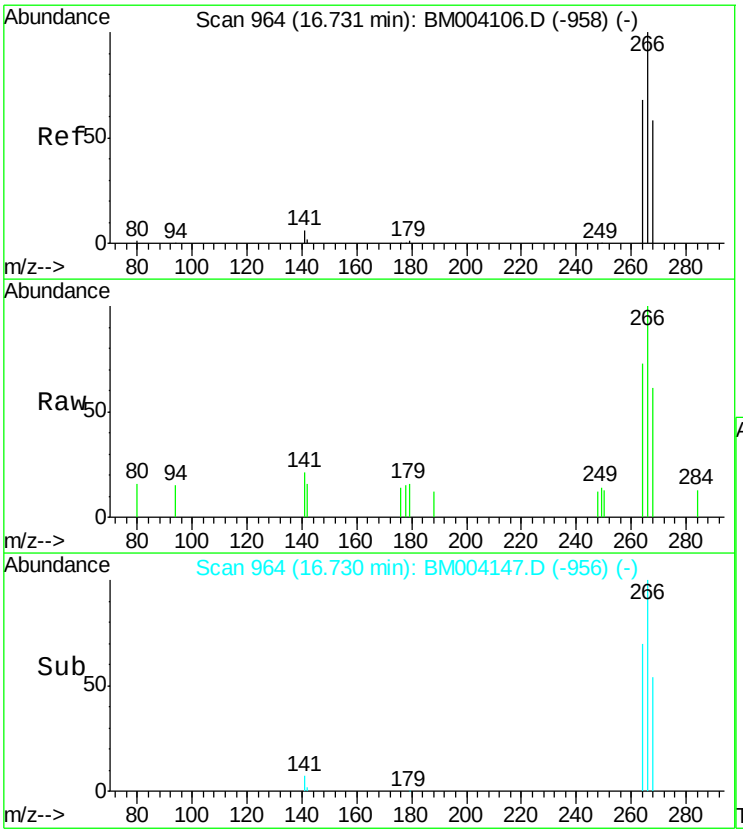
#21
Hexachlorobenzene
Concen: 0.88 ng
RT: 16.37 min Scan# 950
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:284 Resp: 4915

Ion	Ratio	Lower	Upper
284	100		
142	53.4	22.2	33.4#
249	46.0	21.5	32.3#

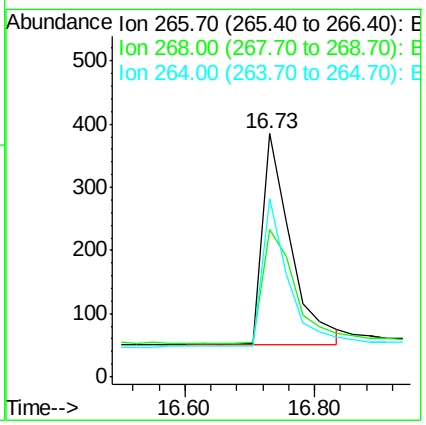


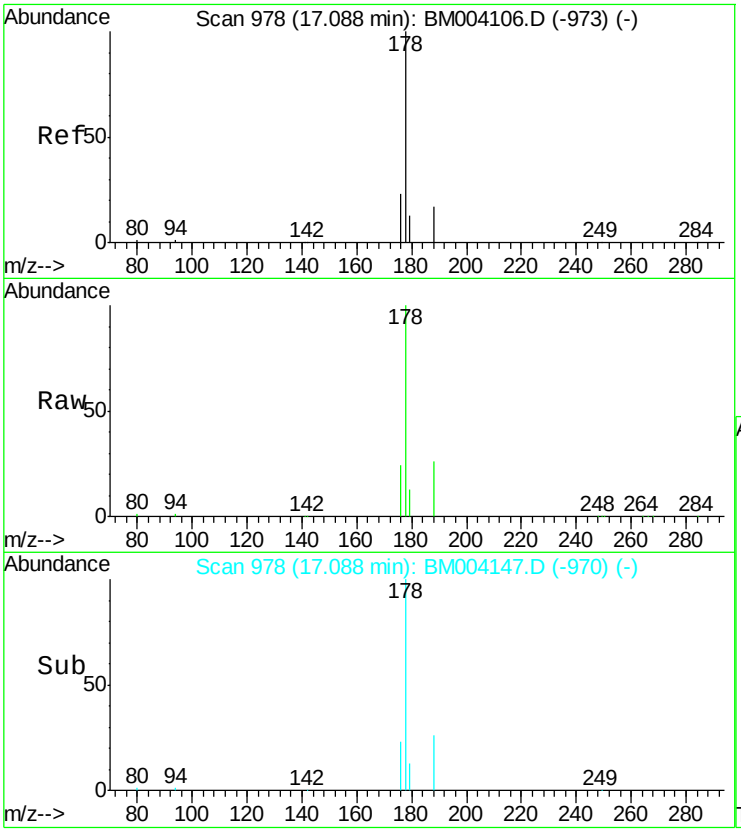


#22
Pentachlorophenol
Concen: 0.82 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:266 Resp: 1008

Ion	Ratio	Lower	Upper
266	100		
268	60.8	62.7	94.1#
264	73.2	45.7	68.5#



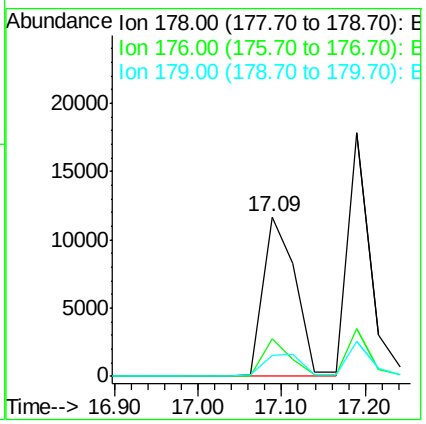


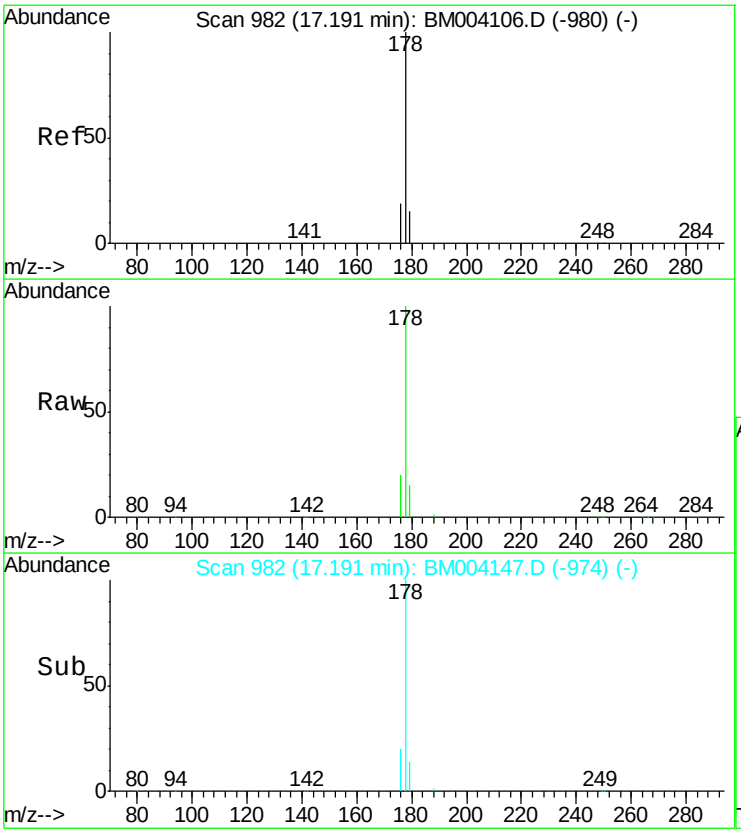
#23
Phenanthrene
Concen: 0.89 ng
RT: 17.09 min Scan# 978
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 31365

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	0.0	12.2	18.4#

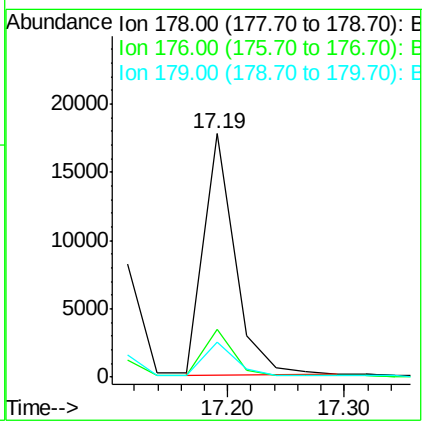


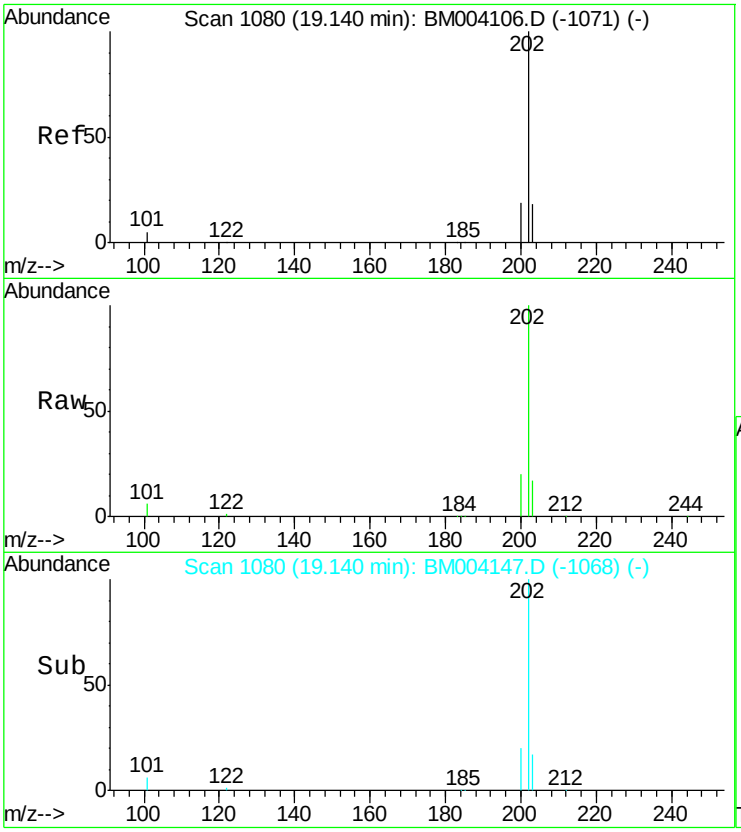


#24
Anthracene
Concen: 0.87 ng
RT: 17.19 min Scan# 982
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:178 Resp: 32405

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	21.8
179	14.9	12.6	19.0



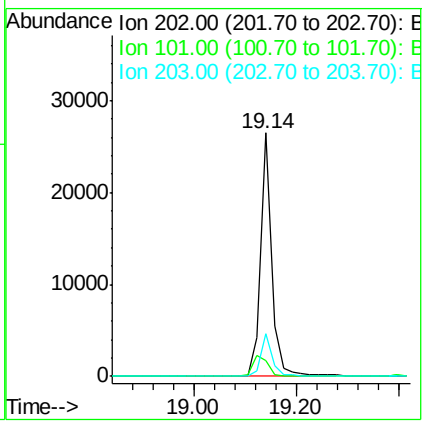


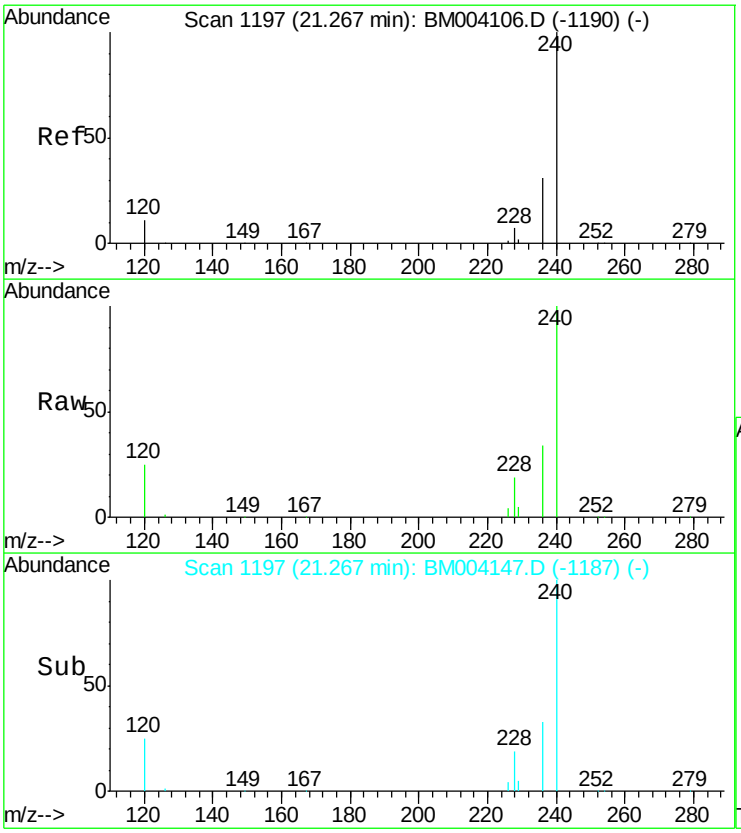
#25
Fluoranthene
Concen: 0.88 ng
RT: 19.14 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:202 Resp: 38925

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.7	14.5
203	17.4	13.8	20.8

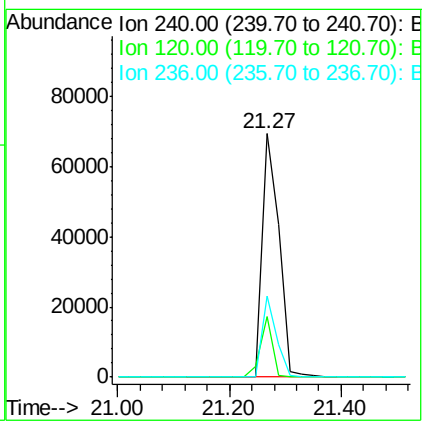


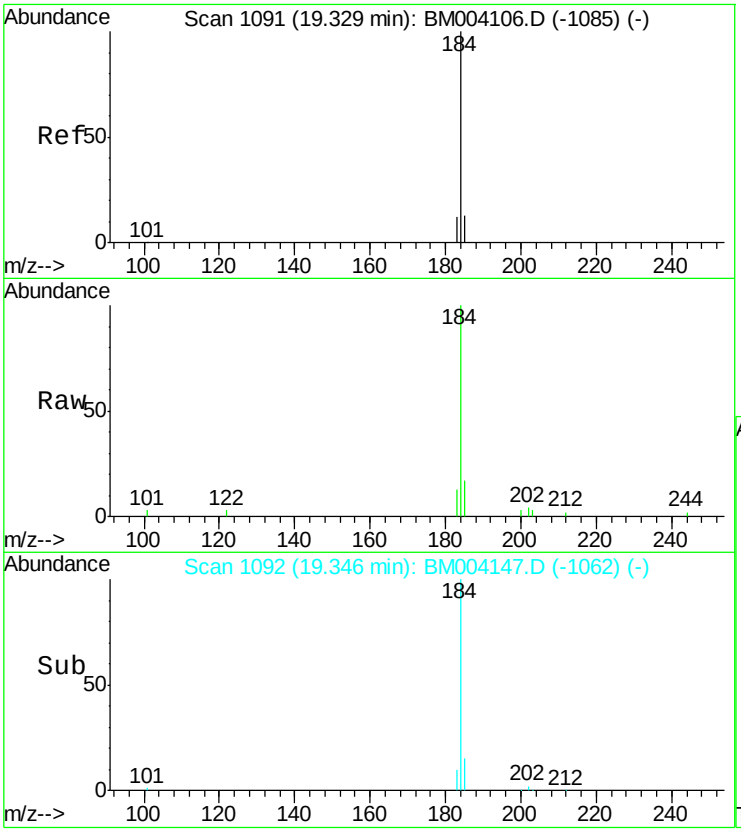


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:240 Resp: 142461

Ion	Ratio	Lower	Upper
240	100		
120	24.8	0.9	1.3#
236	33.5	17.3	25.9#



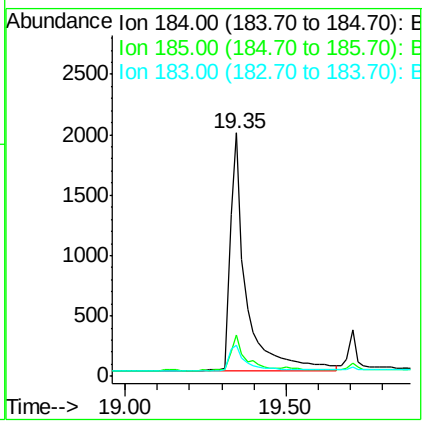


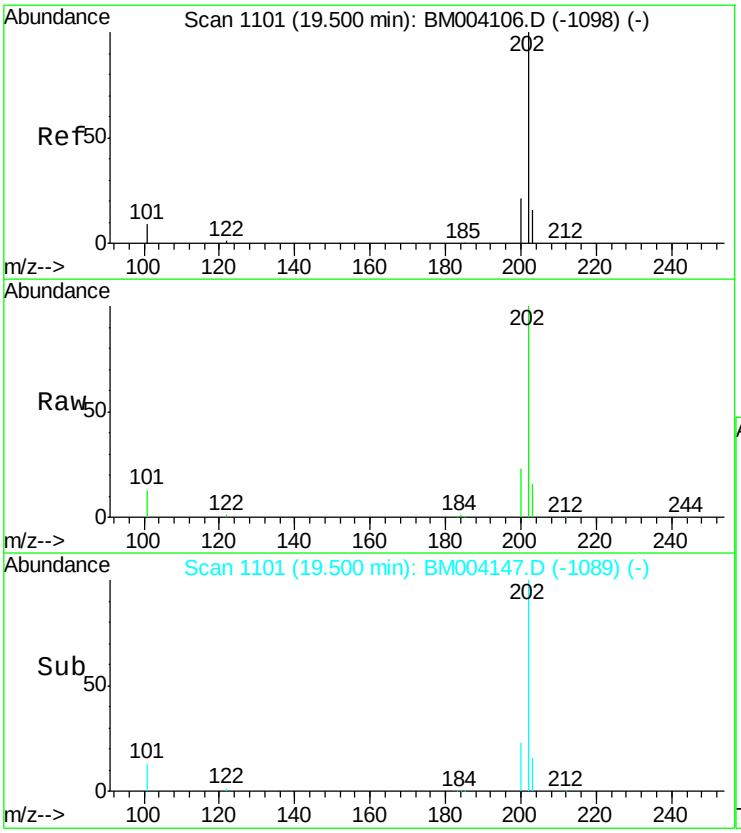
#27
Benzidine
Concen: 1.06 ng
RT: 19.35 min Scan# 1092
Delta R.T. 0.02 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:184 Resp: 6548

Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.2	19.8
183	12.6	9.0	13.6

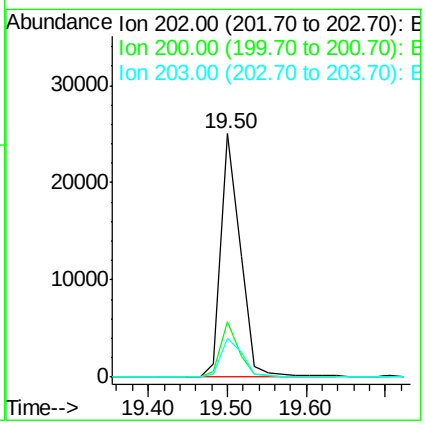


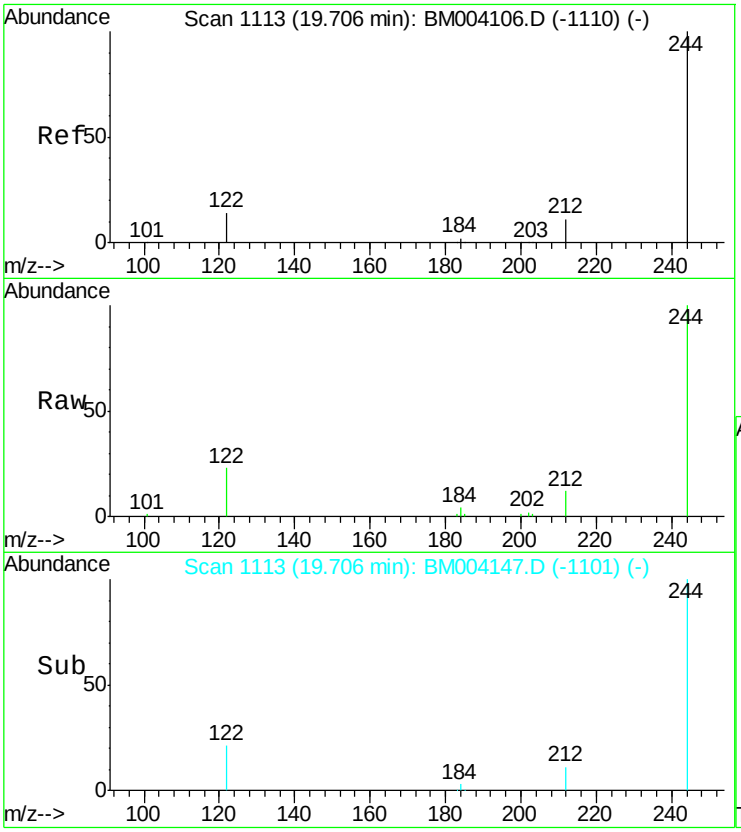


#28
Pyrene
Concen: 1.05 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:202 Resp: 41832

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.2	14.0	21.0



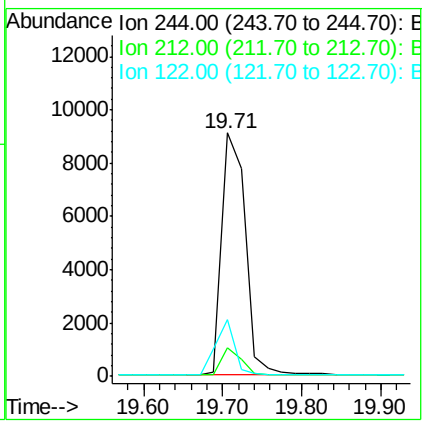


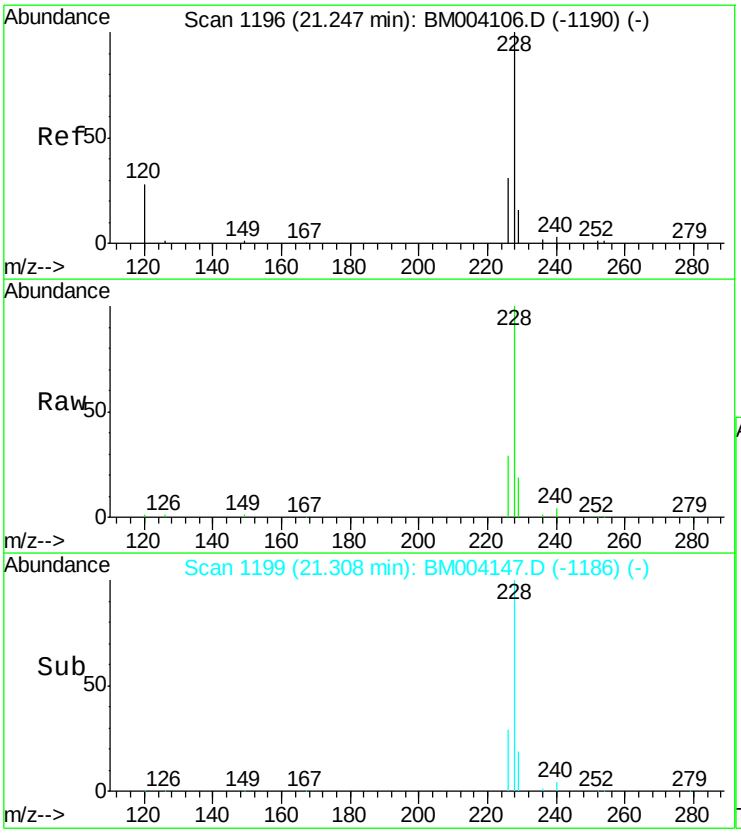
#29
Terphenyl-d14
Concen: 1.04 ng
RT: 19.71 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:244 Resp: 18740

Ion	Ratio	Lower	Upper
244	100		
212	11.6	7.0	10.6#
122	23.4	3.0	4.6#

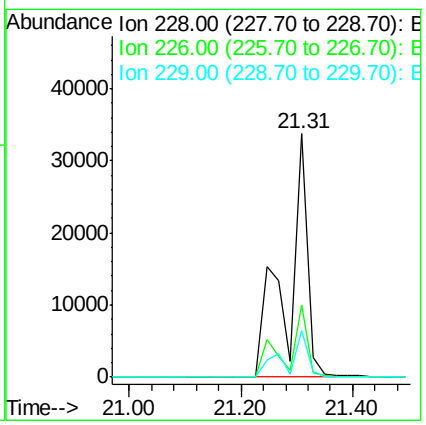


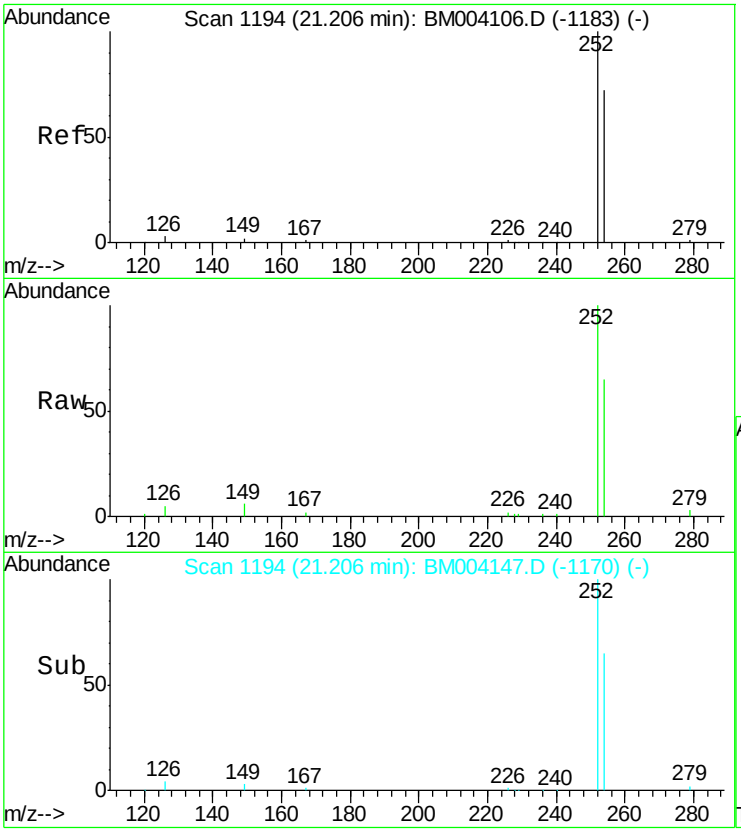


#30
Benzo(a)anthracene
Concen: 1.98 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.06 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:228 Resp: 83578

Ion	Ratio	Lower	Upper
228	100		
226	29.5	17.2	25.8#
229	18.9	18.7	28.1



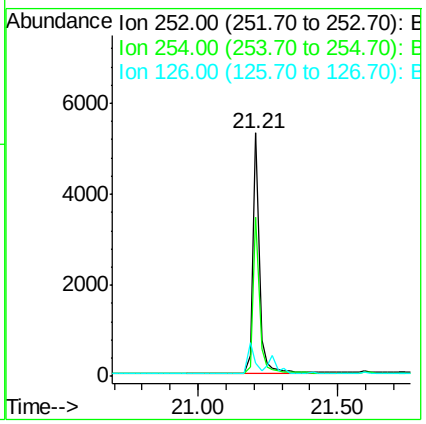


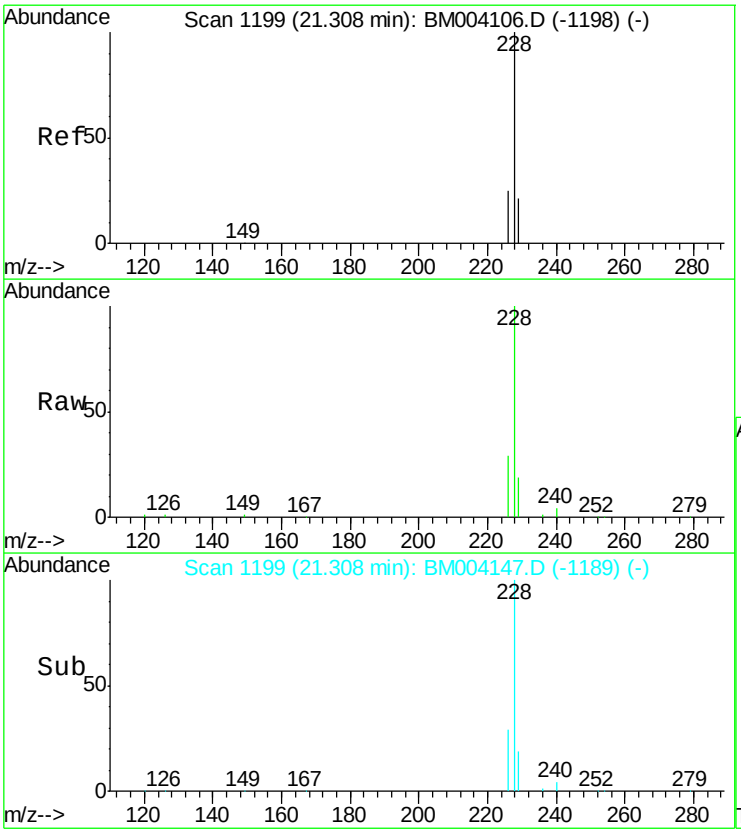
#31
3,3'-Dichlorobenzidine
Concen: 1.03 ng
RT: 21.21 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 8905

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	79.0
126	5.4	3.7	5.5

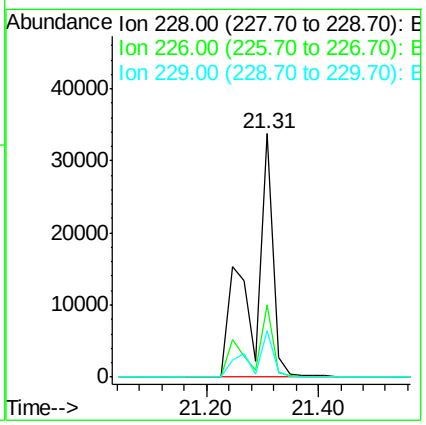


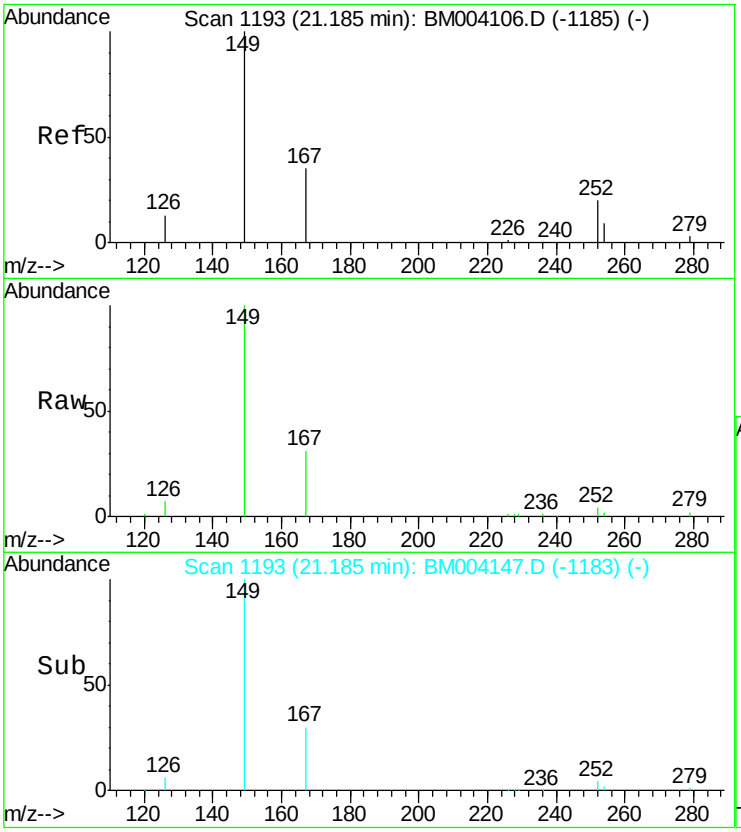


#32
Chrysene
Concen: 2.30 ng
RT: 21.31 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:228 Resp: 84001

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	18.9	14.5	21.7



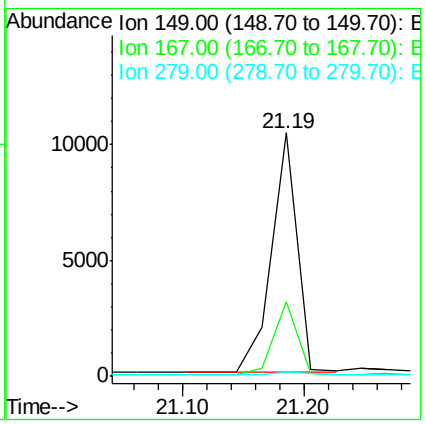


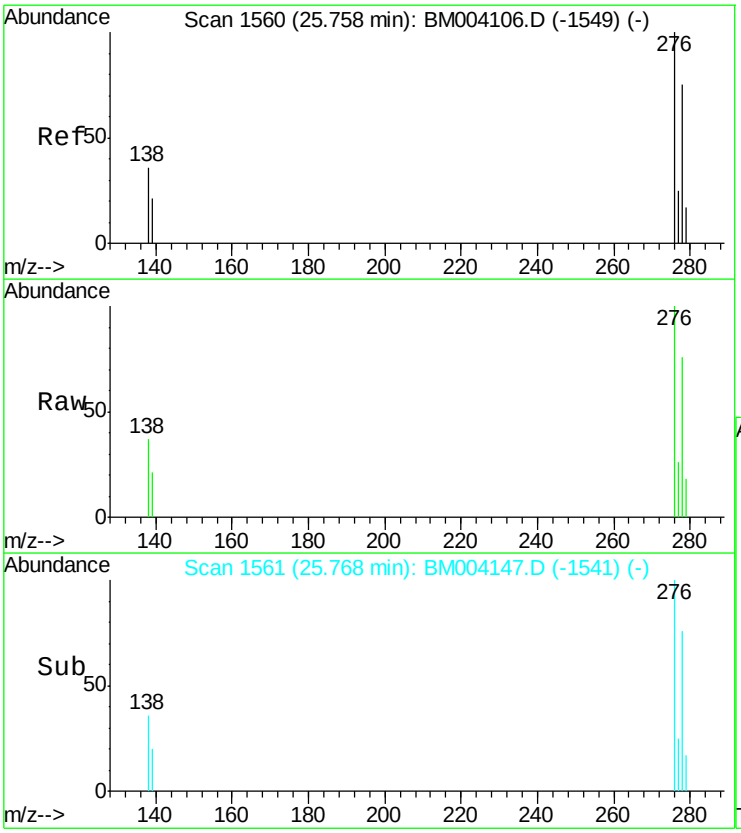
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.10 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:149 Resp: 15298

Ion	Ratio	Lower	Upper
149	100		
167	28.3	20.1	30.1
279	2.0	1.8	2.6

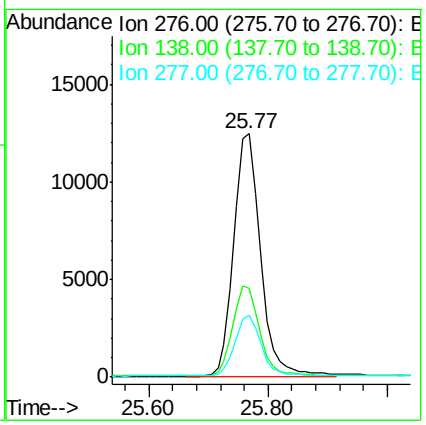


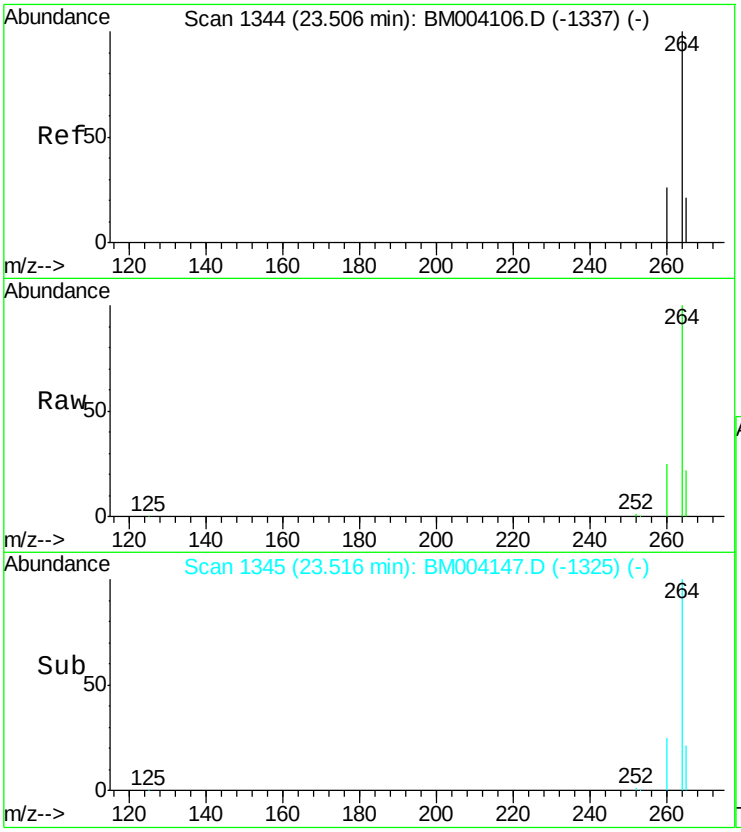


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.92 ng
RT: 25.77 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:276 Resp: 38500

Ion	Ratio	Lower	Upper
276	100		
138	37.3	30.2	45.2
277	24.8	19.8	29.8



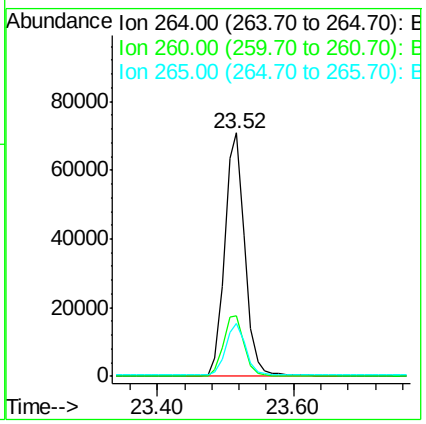


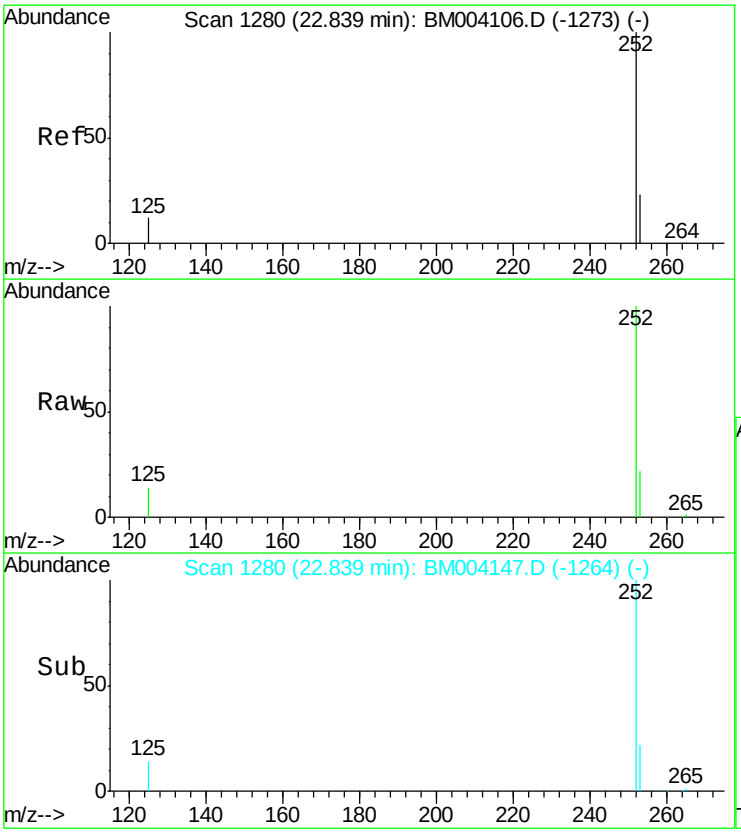
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.52 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:264 Resp: 144067

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.2	31.8
265	22.0	16.7	25.1

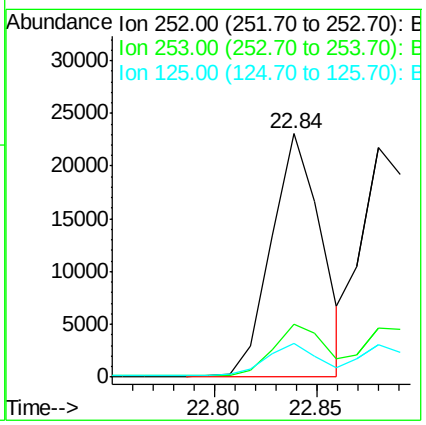


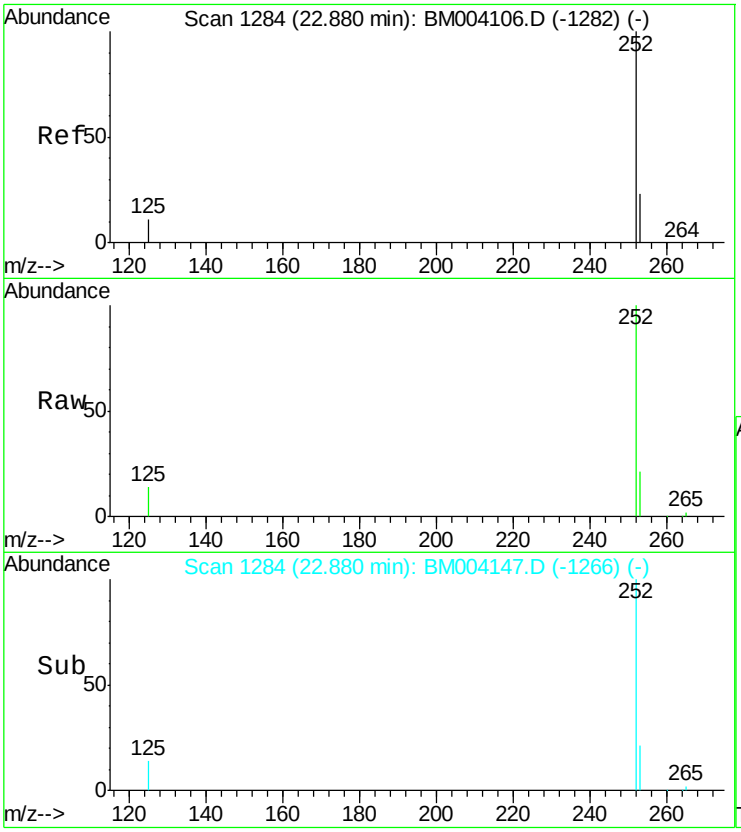


#36
Benzo(b)fluoranthene
Concen: 0.87 ng
RT: 22.84 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:252 Resp: 39085

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.8	28.2
125	13.8	10.2	15.4



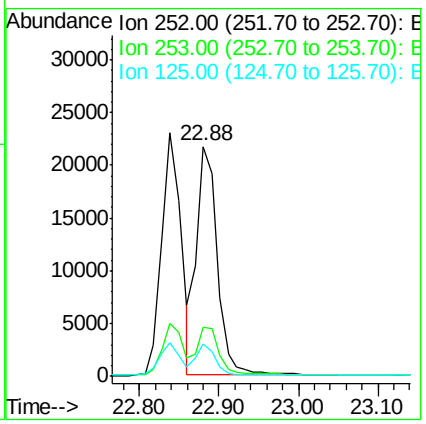


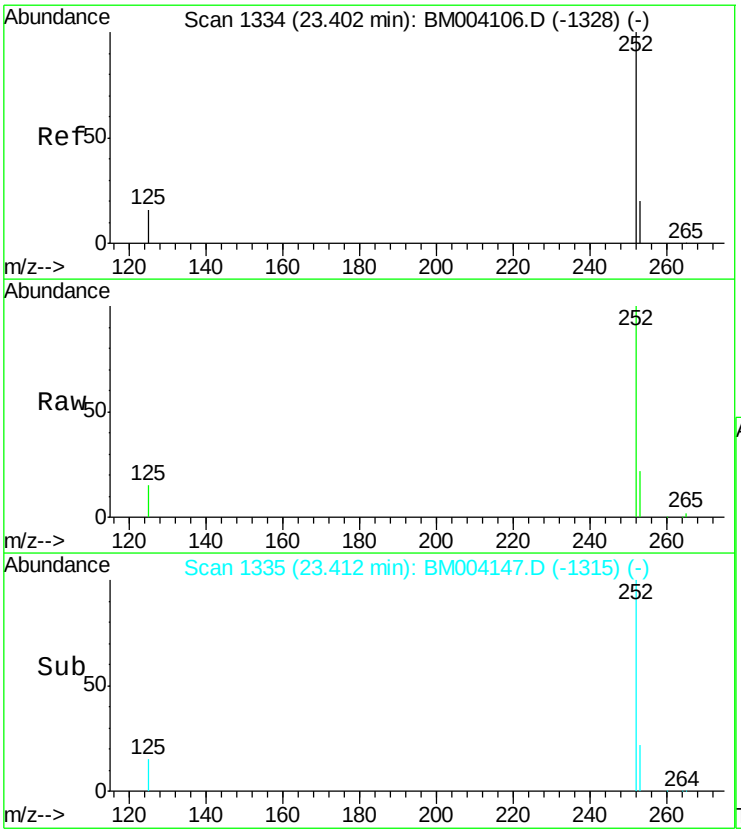
#37
Benzo(k)fluoranthene
Concen: 0.97 ng
RT: 22.88 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:252 Resp: 39275

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.3	27.5
125	14.2	10.6	15.8

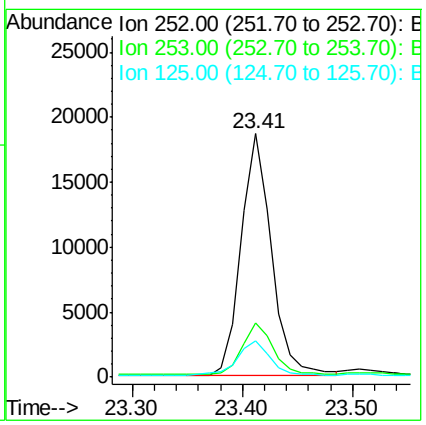


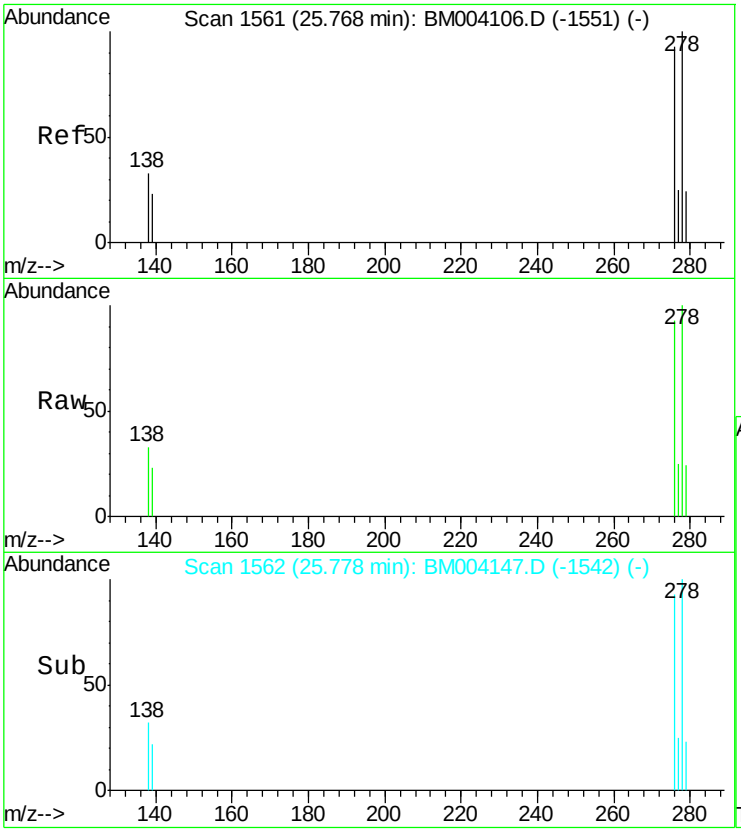


#38
Benzo(a)pyrene
Concen: 0.91 ng
RT: 23.41 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:252 Resp: 35628

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	15.1	11.8	17.8



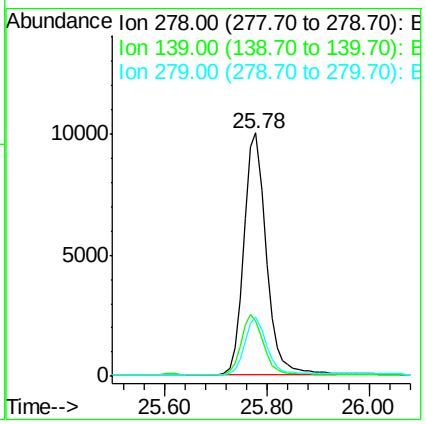


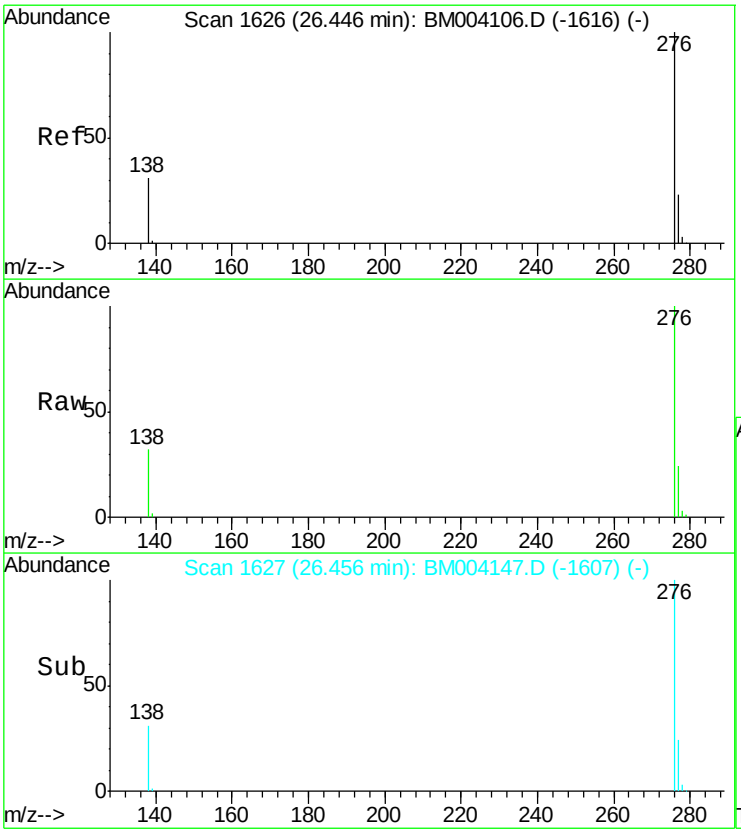
#39
Dibenzo(a,h)anthracene
Concen: 0.86 ng
RT: 25.78 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Instrument :
BNA_M
ClientSampleId :
DFTPP

Tgt Ion:278 Resp: 30386

Ion	Ratio	Lower	Upper
278	100		
139	22.8	19.0	28.6
279	24.1	19.6	29.4





#40
Benzo(g,h,i)perylene
Concen: 0.86 ng
RT: 26.46 min Scan# 1627
Delta R.T. 0.01 min
Lab File: BM004147.D
Acq: 29 Jan 2016 15:37

Tgt Ion:276 Resp: 33163

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	31.8	25.0	37.4