Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097059.D
Acq On : 24 Jul 2018 5:43
Operator : SJ/JU
Sample : PB111338BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB111338BS

Quant Time: Jul 24 06:50:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration

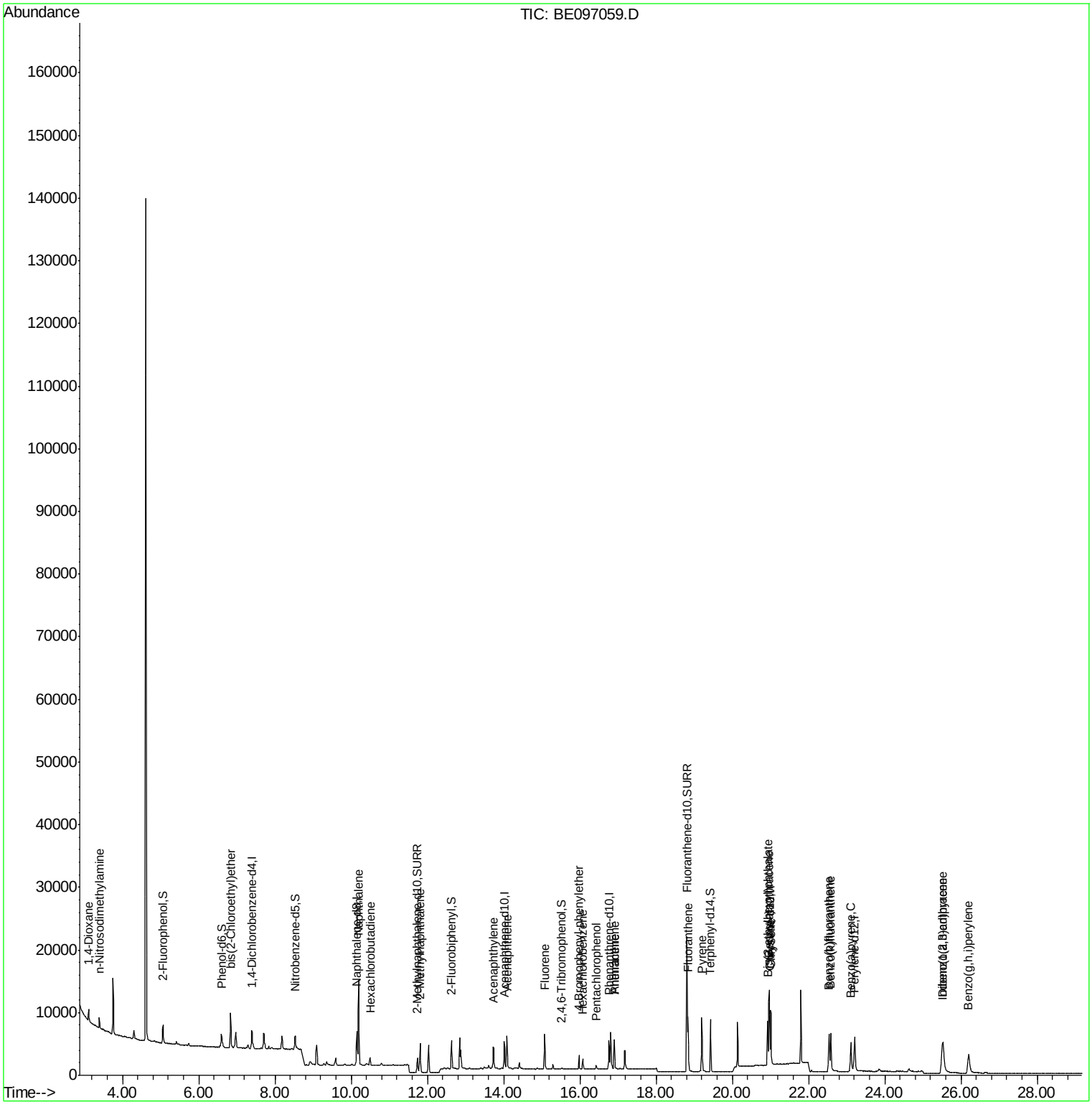
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1365	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5716	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	2651	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	6276	0.40	ng		0.00
27) Chrysene-d12	20.98	240	8039	0.40	ng		0.00
34) Perylene-d12	23.21	264	7756	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1497	0.46	ng		0.00
5) Phenol-d6	6.60	99	1882	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	2000	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	4547	0.55	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	173	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	4228	0.43	ng		0.00
25) Fluoranthene-d10	18.81	212	28361	0.52	ng		0.00
29) Terphenyl-d14	19.43	244	7220	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	779	0.399	ng	#	53
3) n-Nitrosodimethylamine	3.39	42	1049	0.477	ng	#	90
6) bis(2-Chloroethyl)ether	6.84	93	1754	0.359	ng		99
9) Naphthalene	10.20	128	21286	0.416	ng		100
10) Hexachlorobutadiene	10.50	225	932	0.451	ng		96
12) 2-Methylnaphthalene	11.80	142	3333	0.384	ng		97
16) Acenaphthylene	13.73	152	4595	0.380	ng		98
17) Acenaphthene	14.08	154	2702	0.359	ng	#	91
18) Fluorene	15.07	166	3435	0.406	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	1141	0.384	ng	#	80
21) Hexachlorobenzene	16.08	284	1255	0.381	ng	#	84
22) Pentachlorophenol	16.43	266	313	0.607	ng	#	78
23) Phenanthrene	16.90	178	5767	0.384	ng		99
24) Anthracene	16.90	178	5692	0.435	ng		95
26) Fluoranthene	18.84	202	7727	0.487	ng		98
28) Pyrene	19.20	202	8024	0.338	ng		99
30) Benzo(a)anthracene	20.95	228	8254	0.431	ng		98
31) Chrysene	21.01	228	8792	0.409	ng		98
32) Bis(2-ethylhexyl)phthalate	20.93	149	10106	0.529	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	9249	0.591	ng	#	93
35) Benzo(b)fluoranthene	22.54	252	7834	0.396	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	8965	0.381	ng	#	93
37) Benzo(a)pyrene	23.11	252	7641	0.440	ng		93
38) Dibenzo(a,h)anthracene	25.53	278	7449	0.503	ng		97
39) Benzo(g,h,i)perylene	26.20	276	7976	0.496	ng	#	89

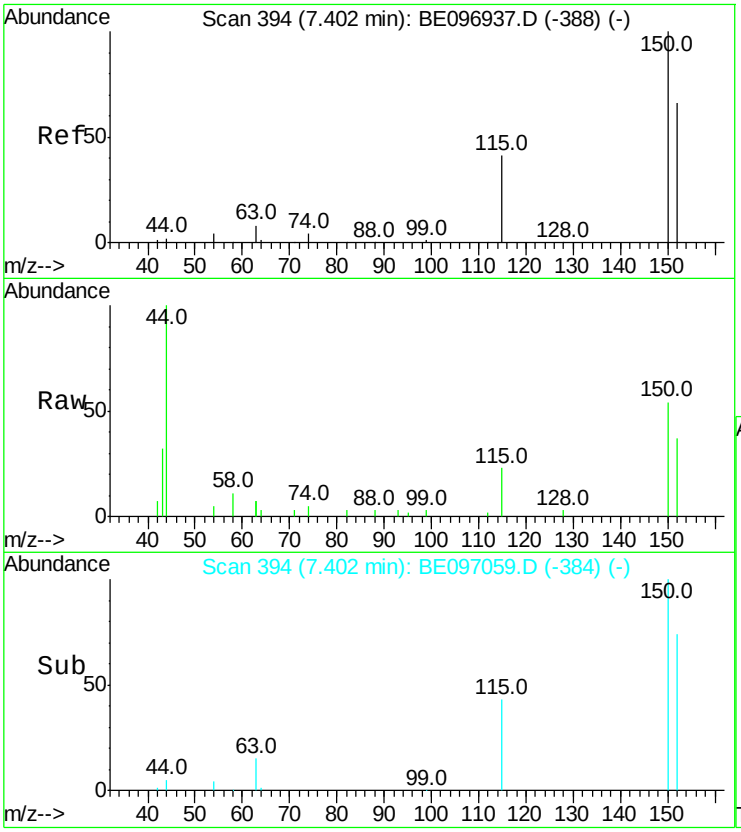
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
Data File : BE097059.D
Acq On : 24 Jul 2018 5:43
Operator : SJ/JU
Sample : PB111338BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Quant Time: Jul 24 06:50:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 11:34:20 2018
Response via : Initial Calibration



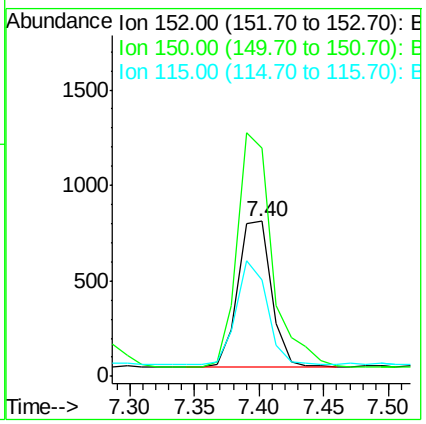


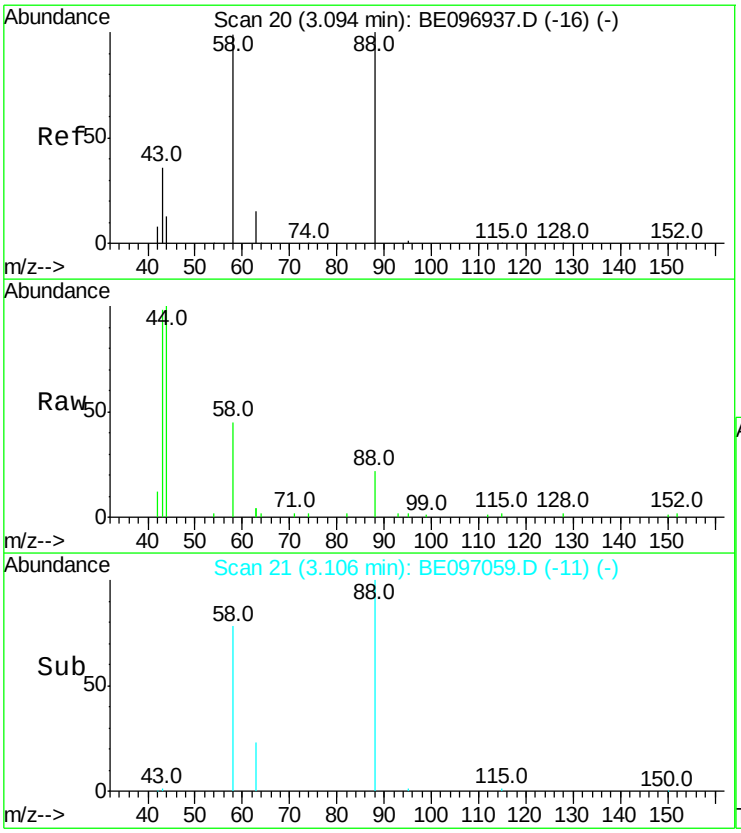
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:152 Resp: 1365

Ion	Ratio	Lower	Upper
152	100		
150	147.3	117.2	175.8
115	62.3	57.0	85.6

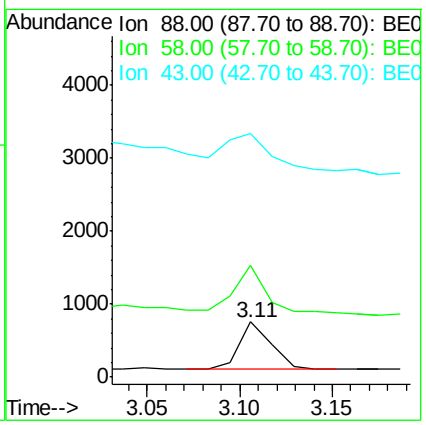


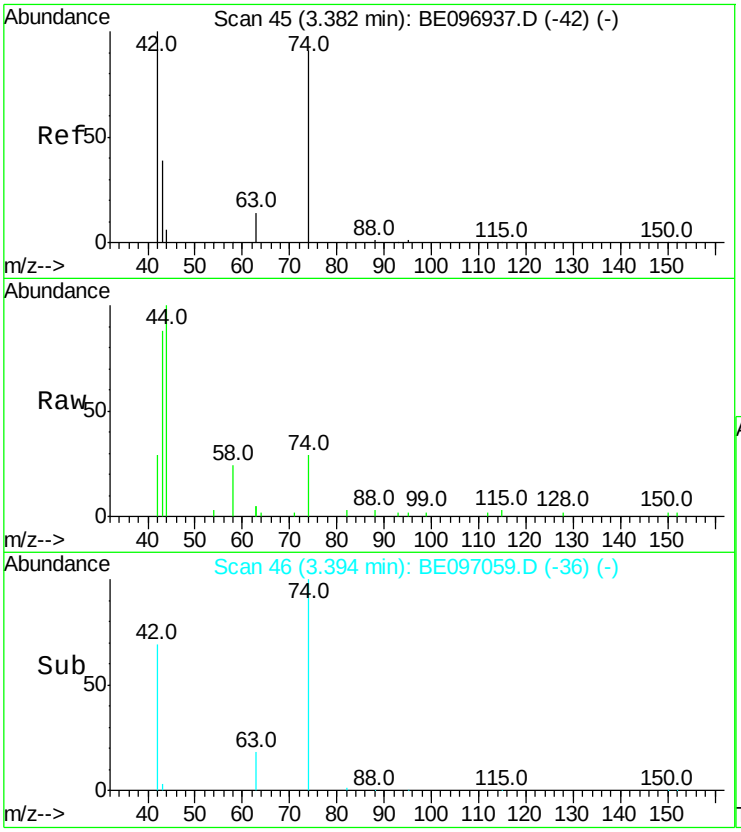


#2
1,4-Dioxane
Concen: 0.399 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion: 88 Resp: 779

Ion	Ratio	Lower	Upper
88	100		
58	101.4	63.2	94.8#
43	106.7	41.2	61.8#



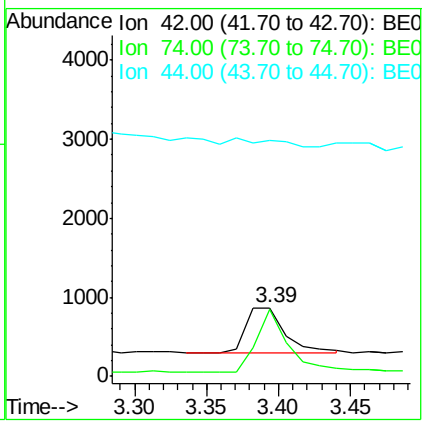


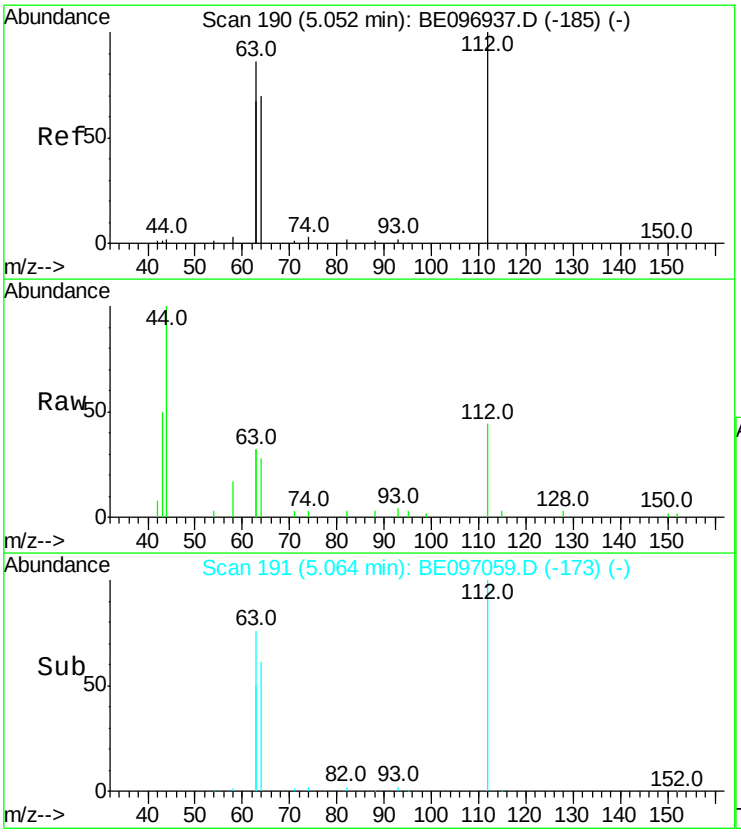
#3
n-Nitrosodimethylamine
Concen: 0.477 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion: 42 Resp: 1049

Ion	Ratio	Lower	Upper
42	100		
74	112.8	96.0	144.0
44	0.0	12.0	18.0#

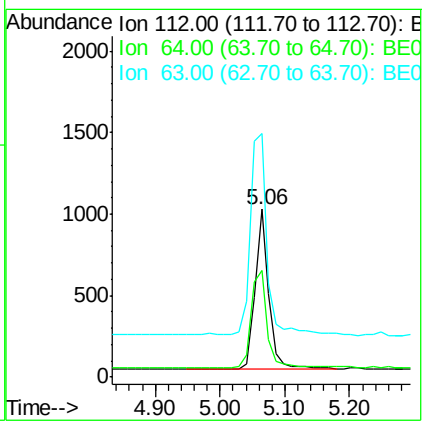


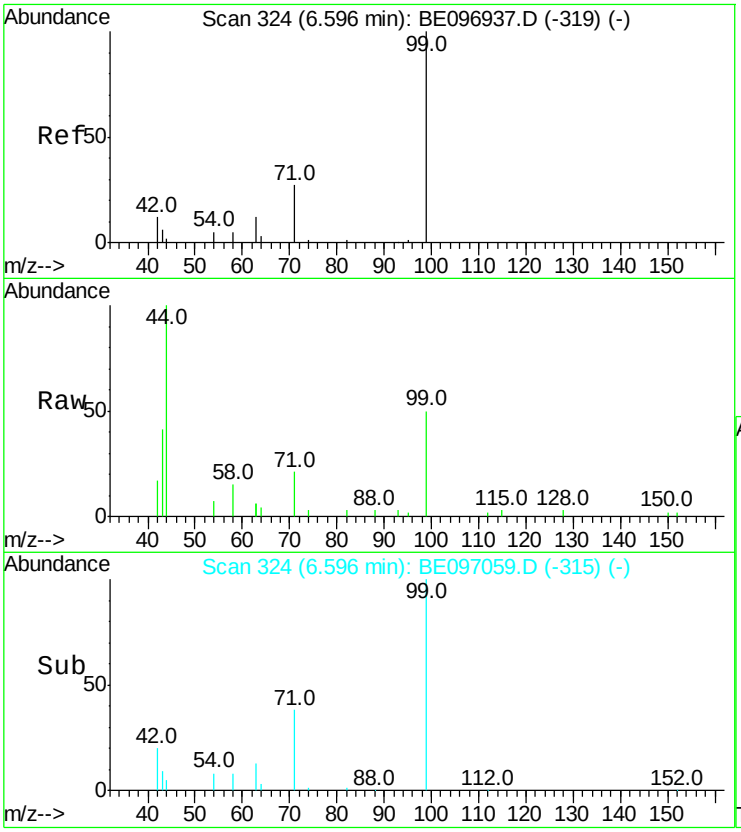


#4
2-Fluorophenol
Concen: 0.458 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:112 Resp: 1497

Ion	Ratio	Lower	Upper
112	100		
64	69.1	60.1	90.1
63	149.8	116.8	175.2



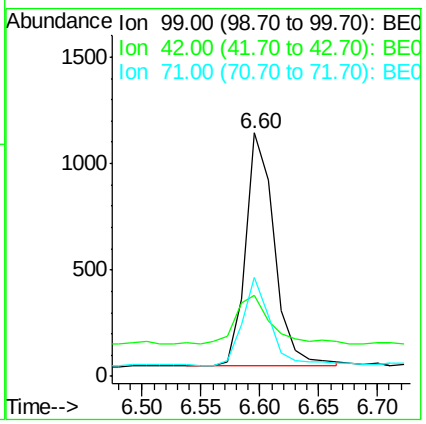


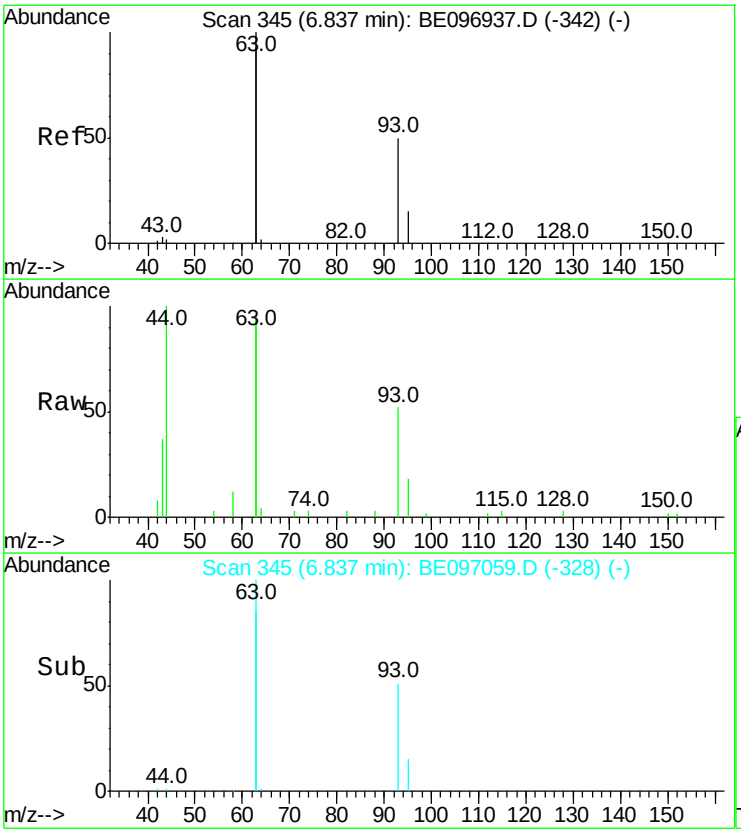
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion: 99 Resp: 1882

Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.2	30.2
71	35.9	28.4	42.6

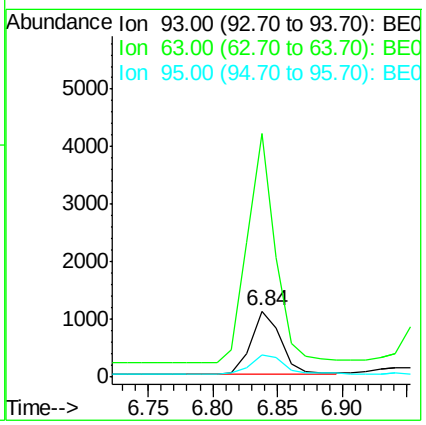


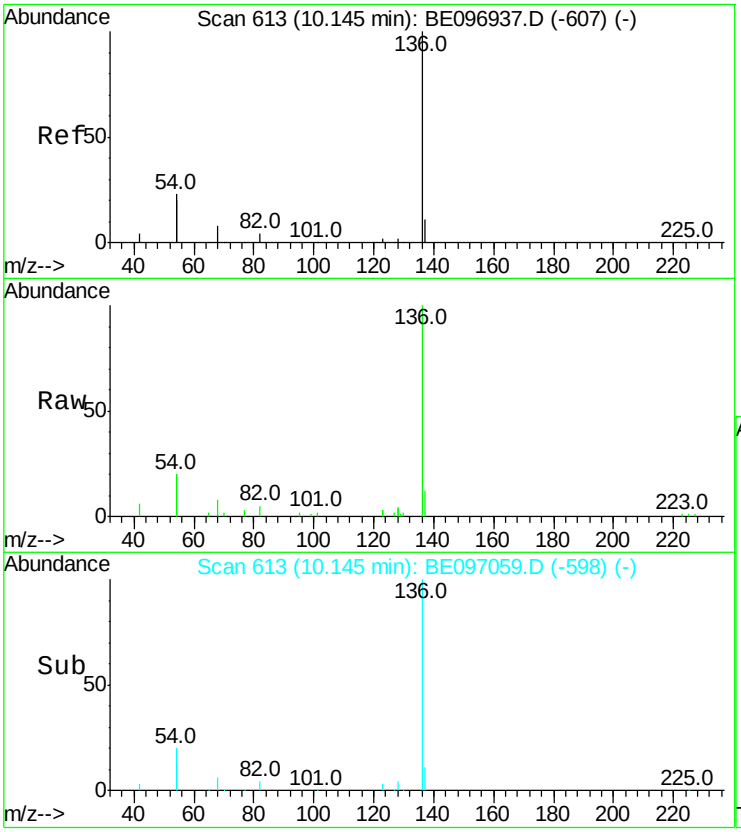


#6
bis(2-Chloroethyl)ether
Concen: 0.359 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion: 93 Resp: 1754

Ion	Ratio	Lower	Upper
93	100		
63	347.2	275.3	412.9
95	32.6	25.2	37.8



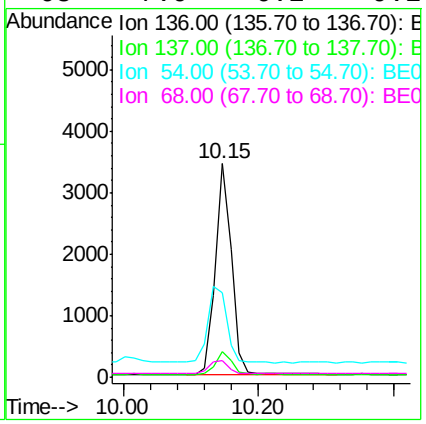


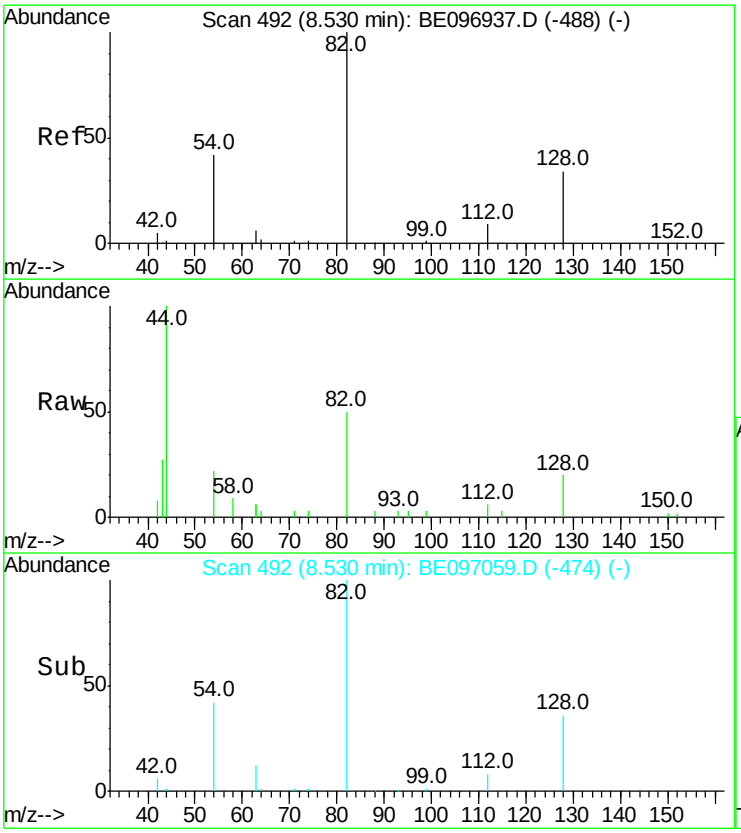
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:136 Resp: 5716

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	39.6	29.1	43.7
68	7.9	6.2	9.2

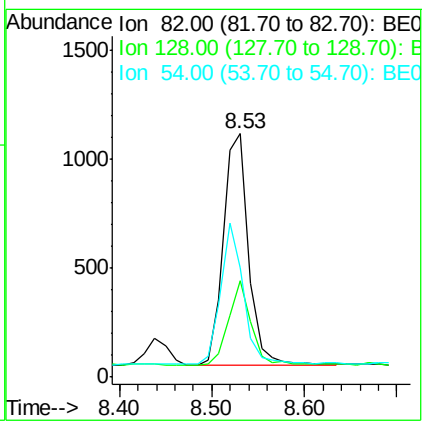


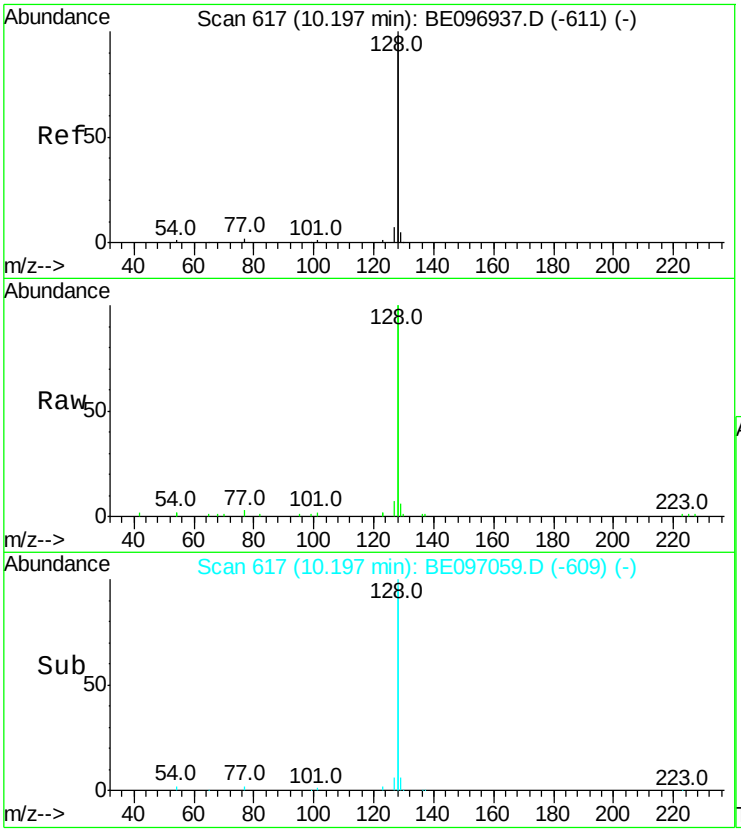


#8
Nitrobenzene-d5
Concen: 0.480 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion: 82 Resp: 2000

Ion	Ratio	Lower	Upper
82	100		
128	39.5	24.0	36.0#
54	44.7	40.0	60.0



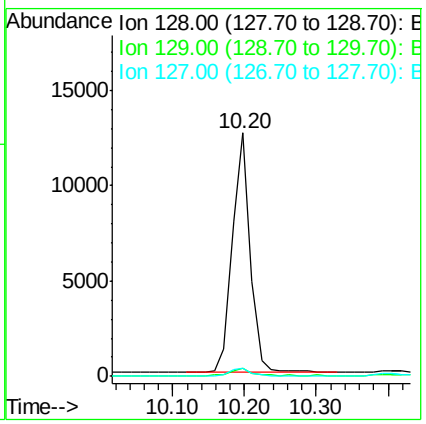


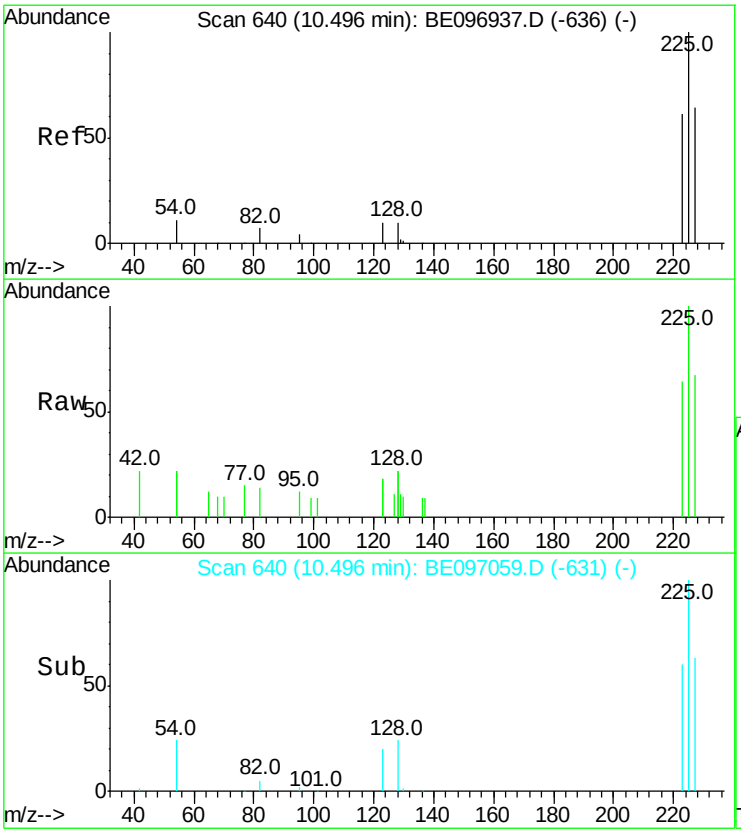
#9
Naphthalene
Concen: 0.416 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:128 Resp: 21286

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.5	2.8	4.2

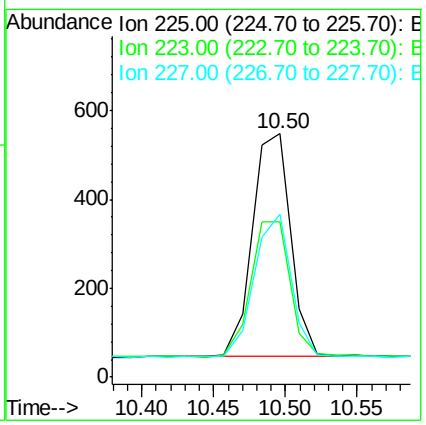


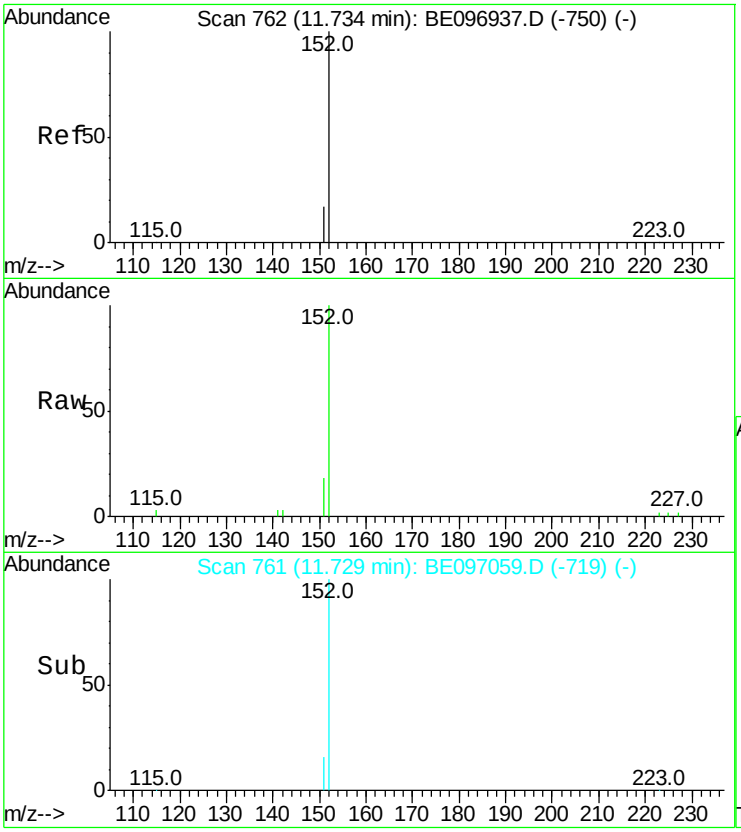


#10
Hexachlorobutadiene
Concen: 0.451 ng
RT: 10.50 min Scan# 640
Delta R.T. 0.01 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:225 Resp: 932

Ion	Ratio	Lower	Upper
225	100		
223	63.0	53.0	79.6
227	62.0	51.4	77.2



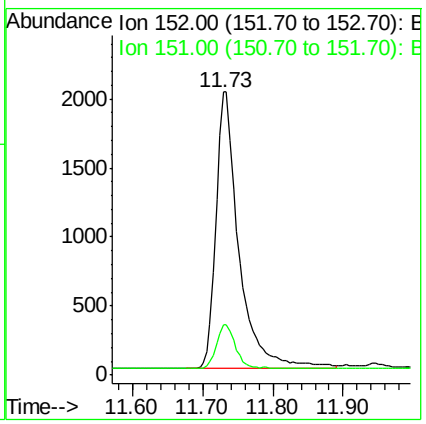


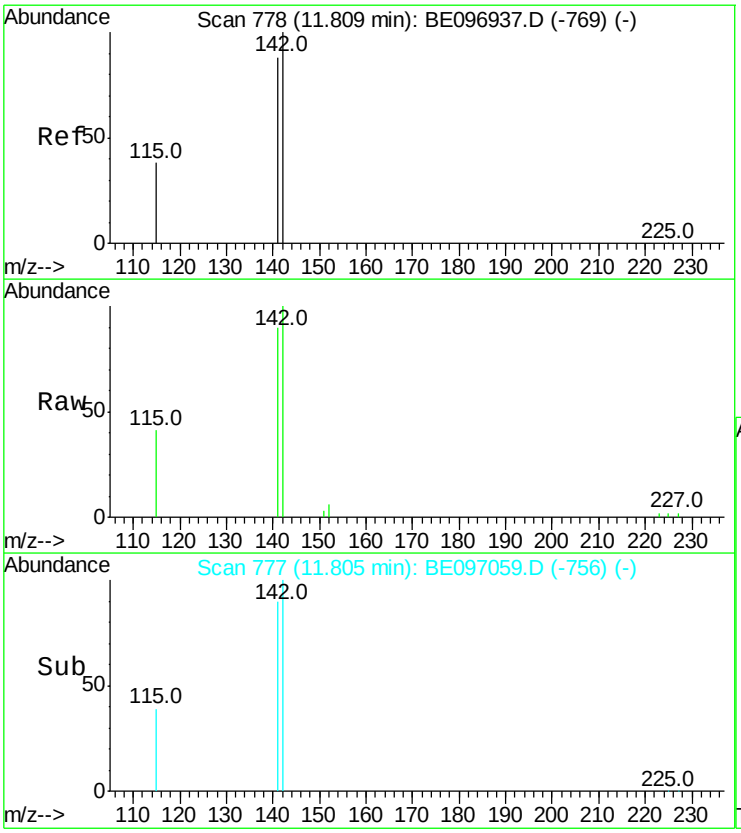
#11
2-Methylnaphthalene-d10
Concen: 0.546 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:152 Resp: 4547

Ion	Ratio	Lower	Upper
152	100		
151	12.7	15.4	23.0#

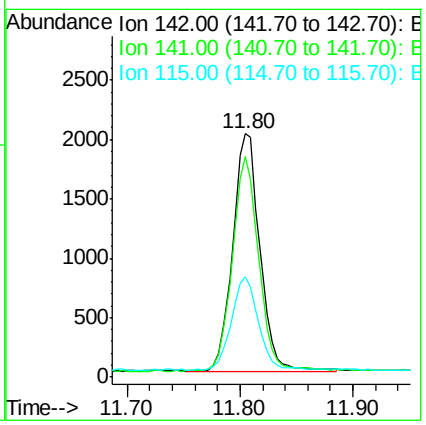


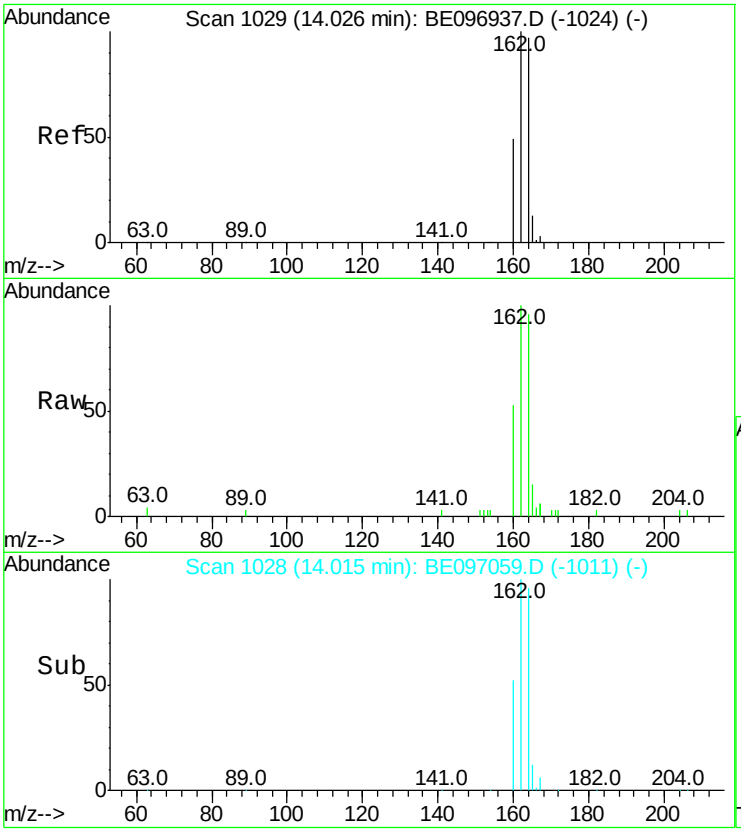


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 11.80 min Scan# 777
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:142 Resp: 3333

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.4	105.6
115	41.4	31.7	47.5



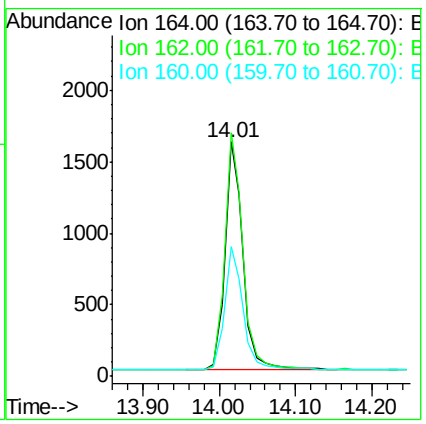


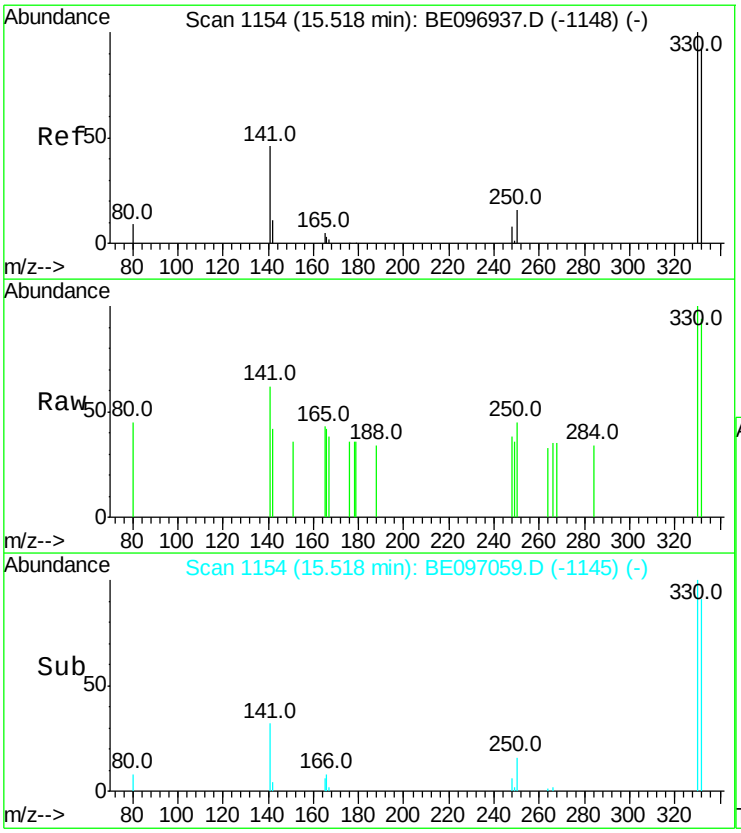
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:164 Resp: 2651

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.1	124.7
160	55.6	37.1	55.7

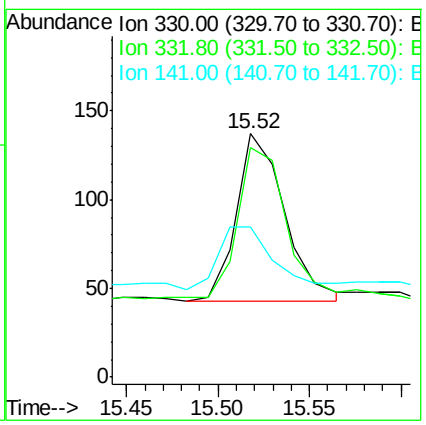


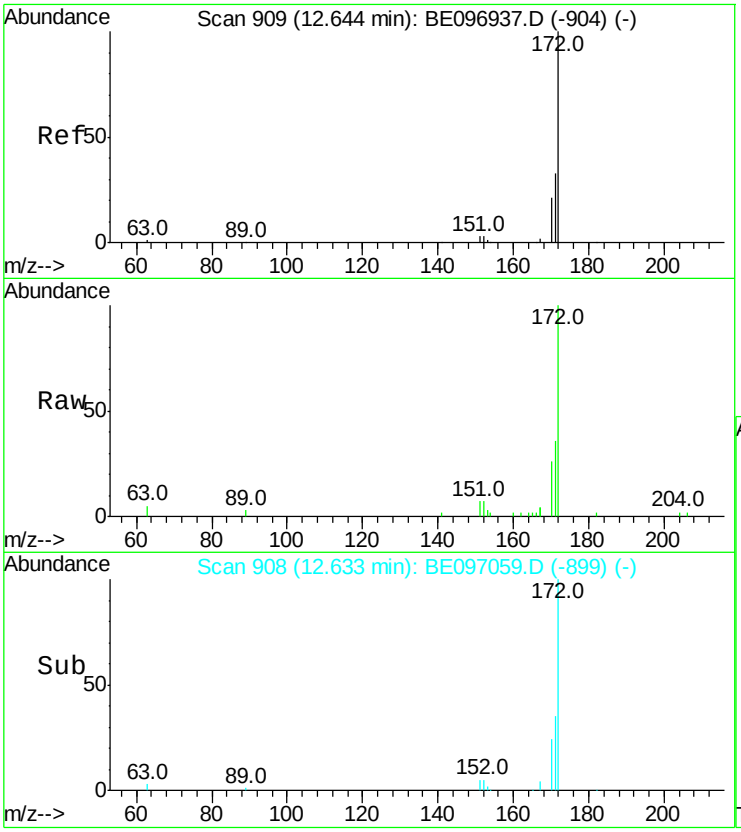


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:330 Resp: 173

Ion	Ratio	Lower	Upper
330	100		
332	91.9	152.7	229.1#
141	45.1	33.7	50.5



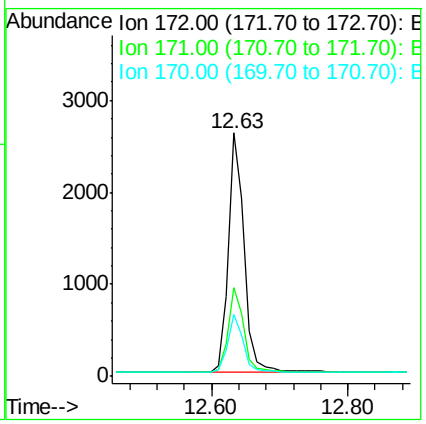


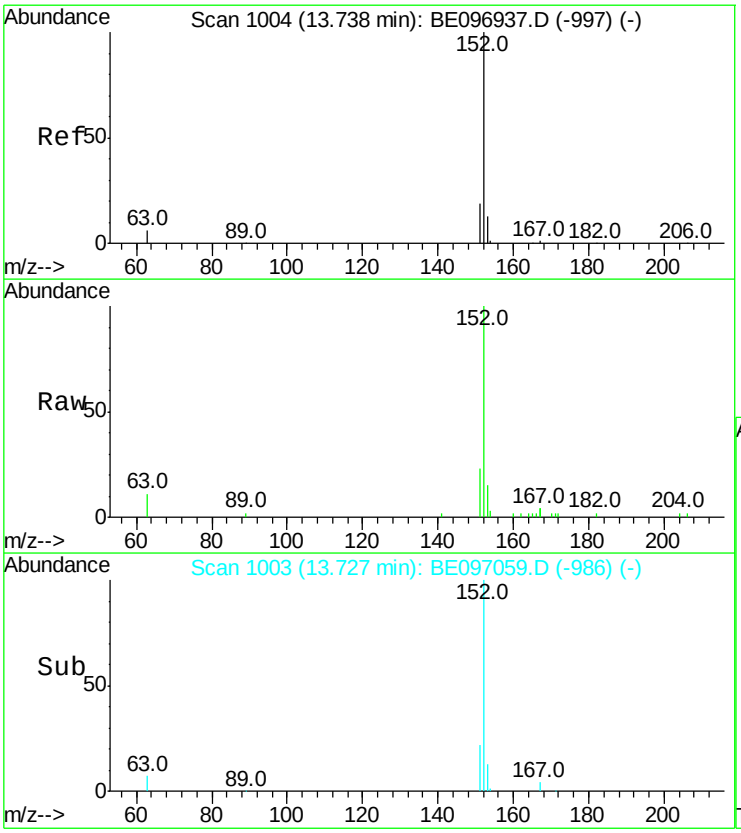
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:172 Resp: 4228

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	25.5	21.8	32.8

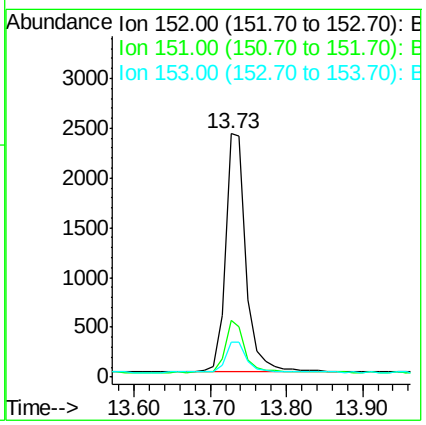


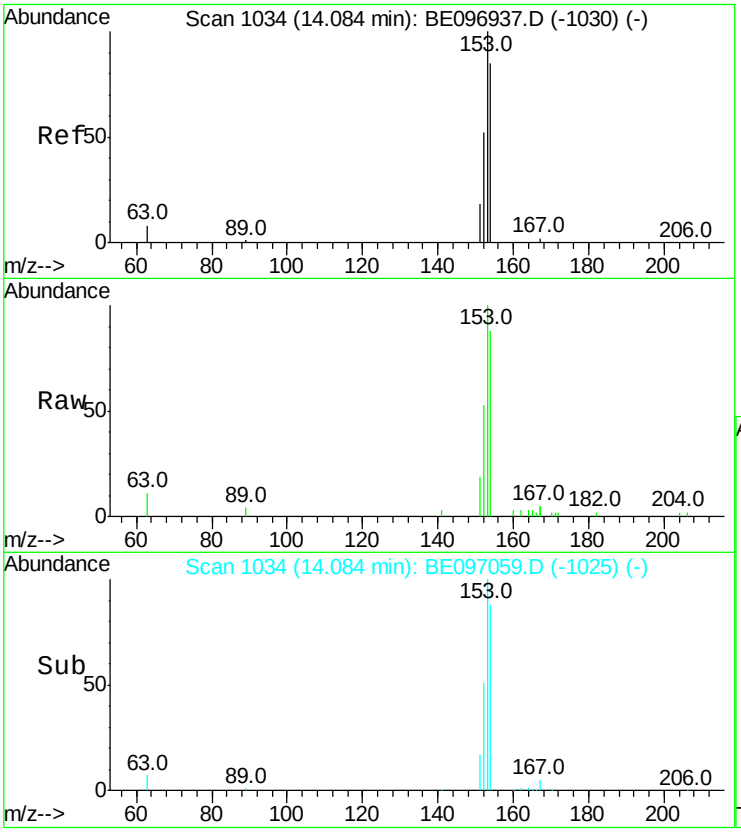


#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:152 Resp: 4595

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.7	23.5
153	13.3	10.5	15.7



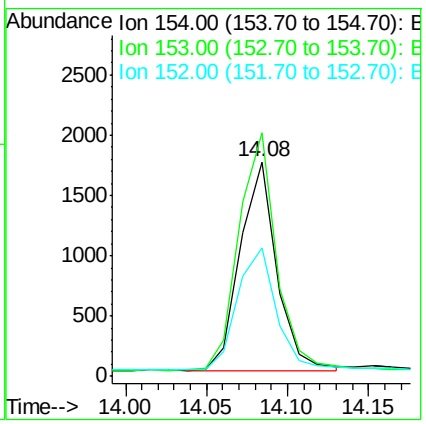


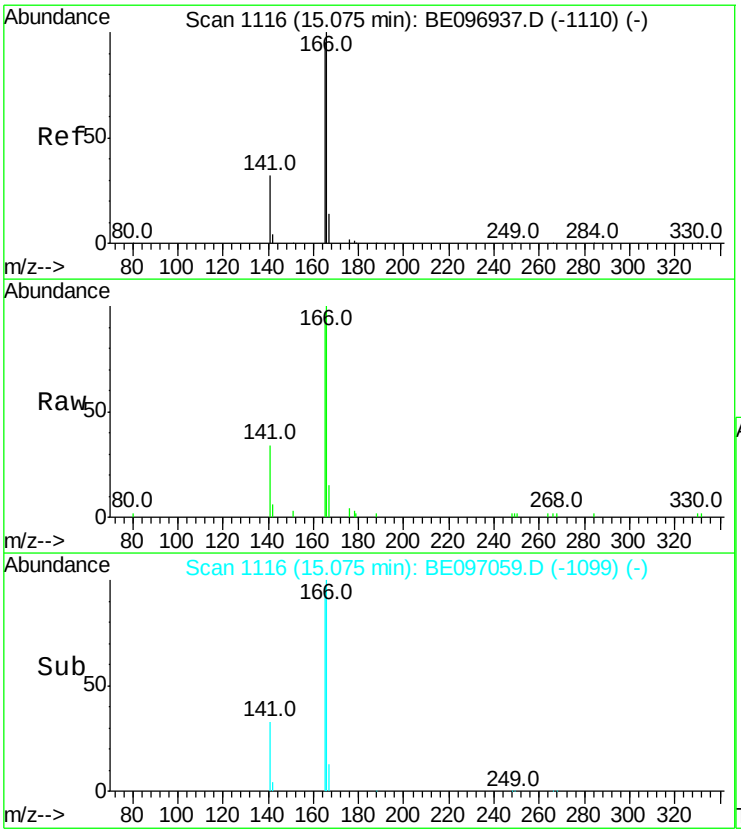
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:154 Resp: 2702

Ion	Ratio	Lower	Upper
154	100		
153	117.2	89.2	133.8
152	63.4	42.0	63.0#

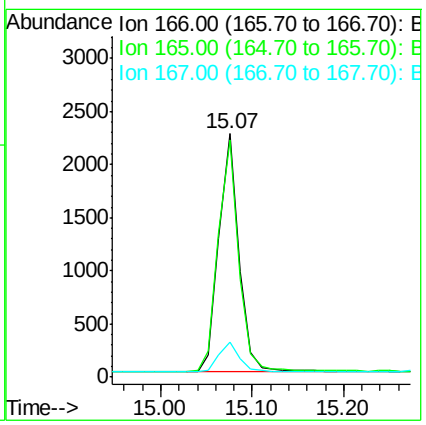


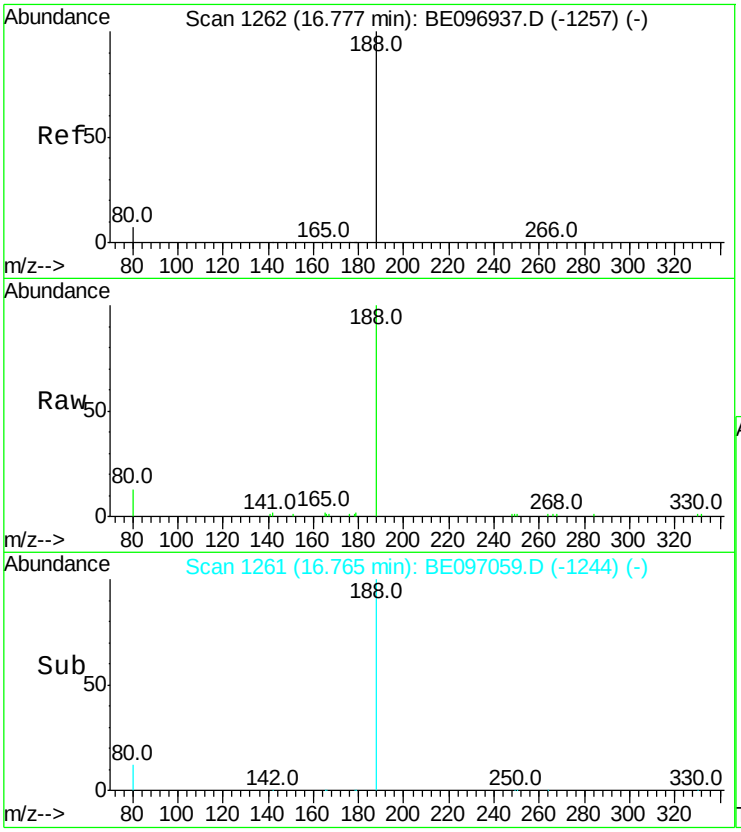


#18
Fluorene
Concen: 0.406 ng
RT: 15.07 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:166 Resp: 3435

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.6
167	13.1	42.4	63.6#



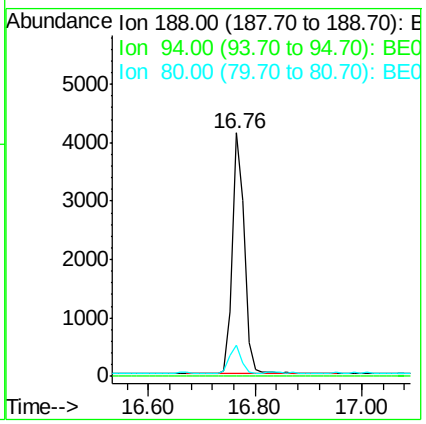


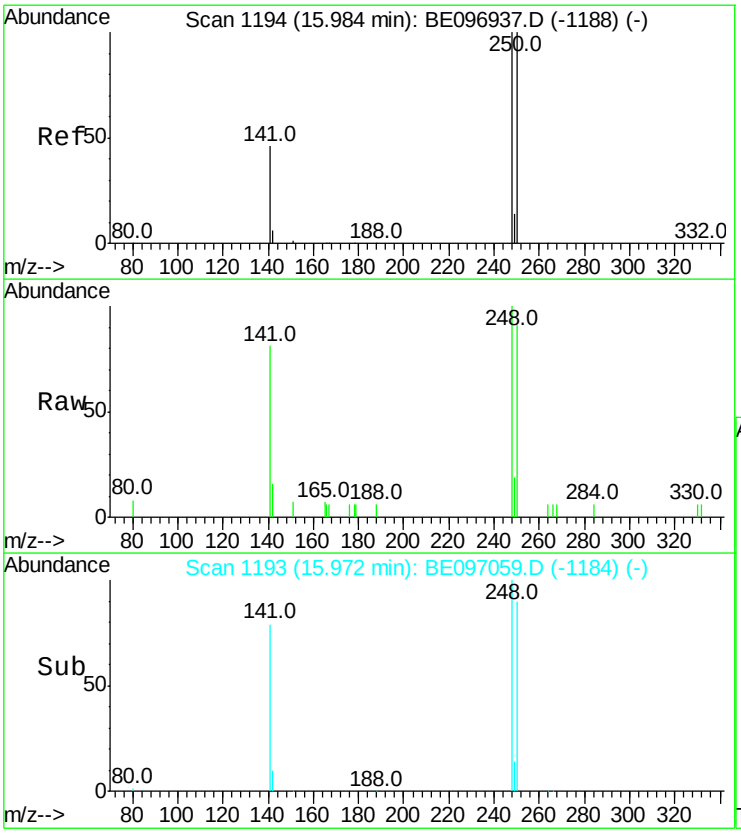
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:188 Resp: 6276

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.9	3.6	5.4#

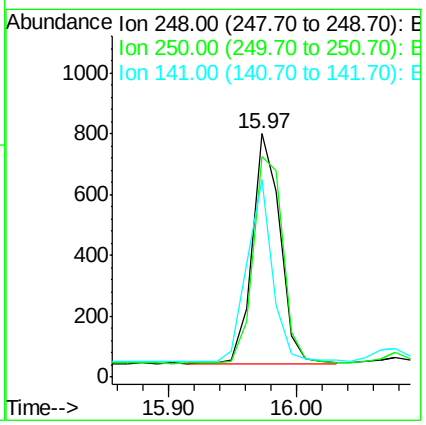


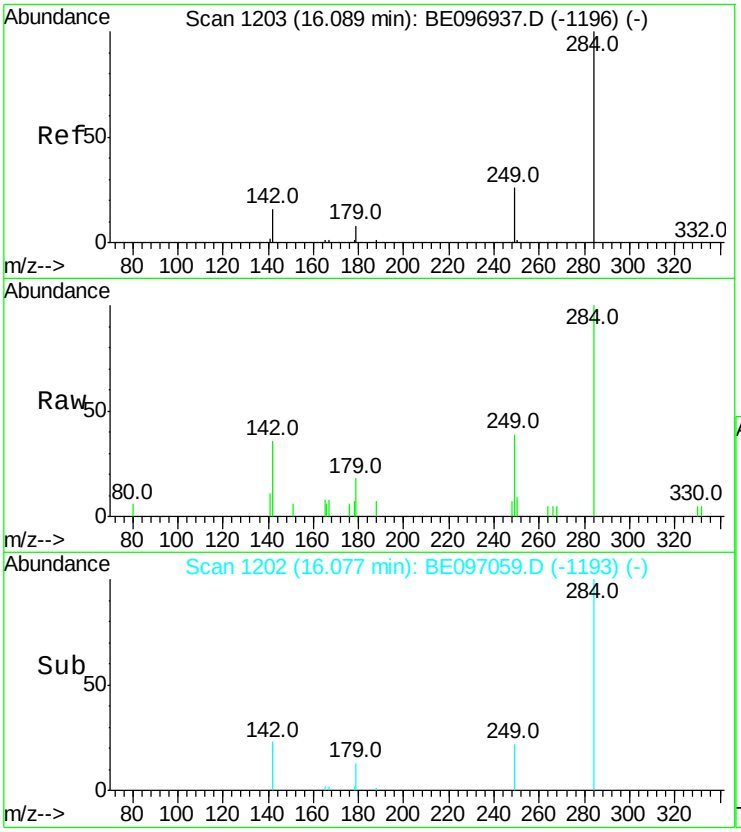


#20
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:248 Resp: 1141

Ion	Ratio	Lower	Upper
248	100		
250	90.5	62.7	94.1
141	80.9	48.2	72.2#



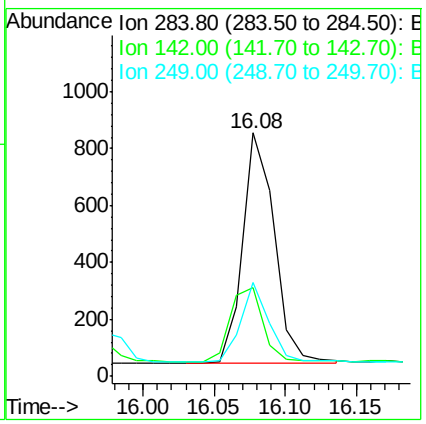


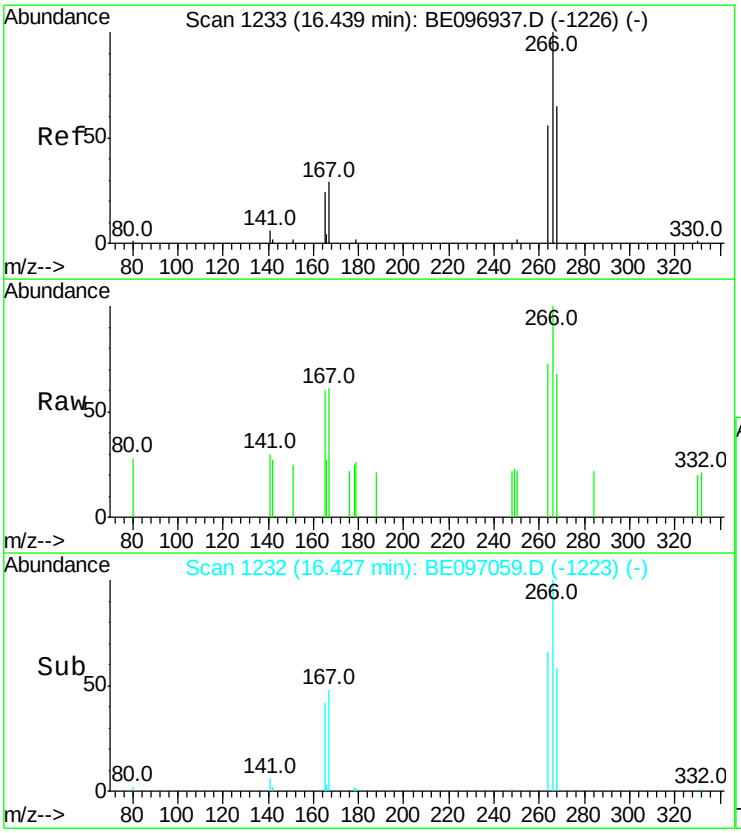
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:284 Resp: 1255

Ion	Ratio	Lower	Upper
284	100		
142	34.3	22.1	33.1#
249	31.8	34.8	52.2#

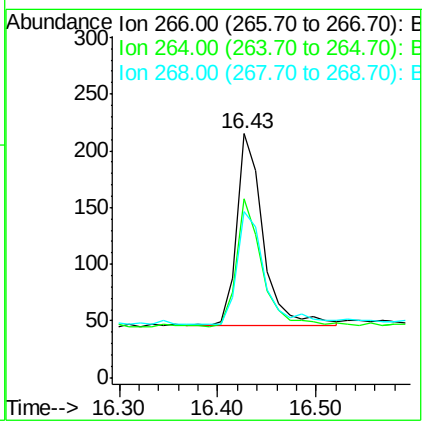


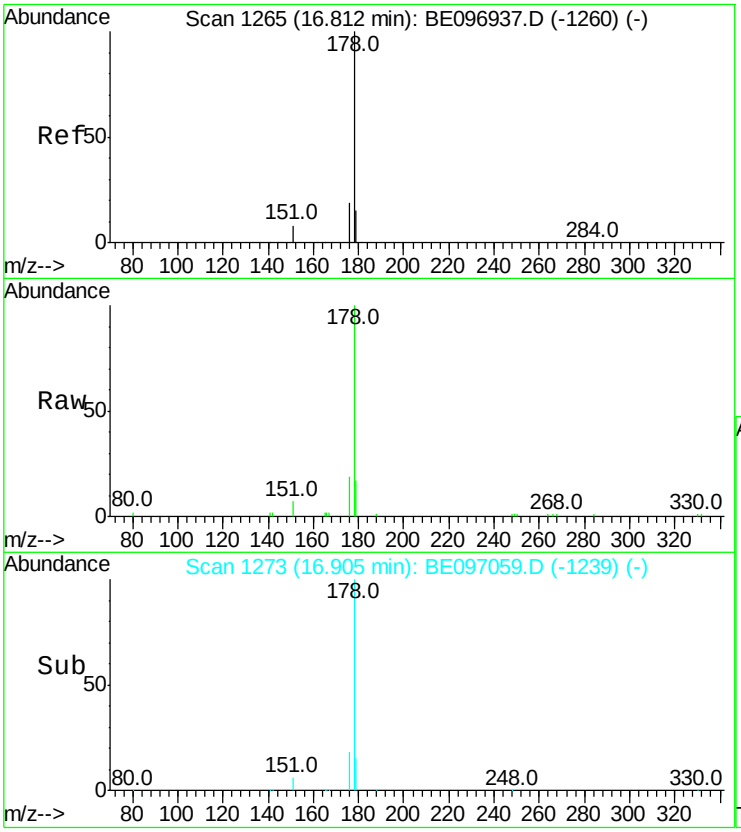


#22
Pentachlorophenol
Concen: 0.607 ng
RT: 16.43 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:266 Resp: 313

Ion	Ratio	Lower	Upper
266	100		
264	73.5	72.5	108.7
268	67.9	73.8	110.6#



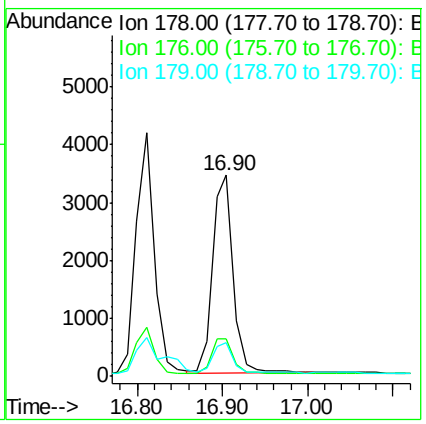


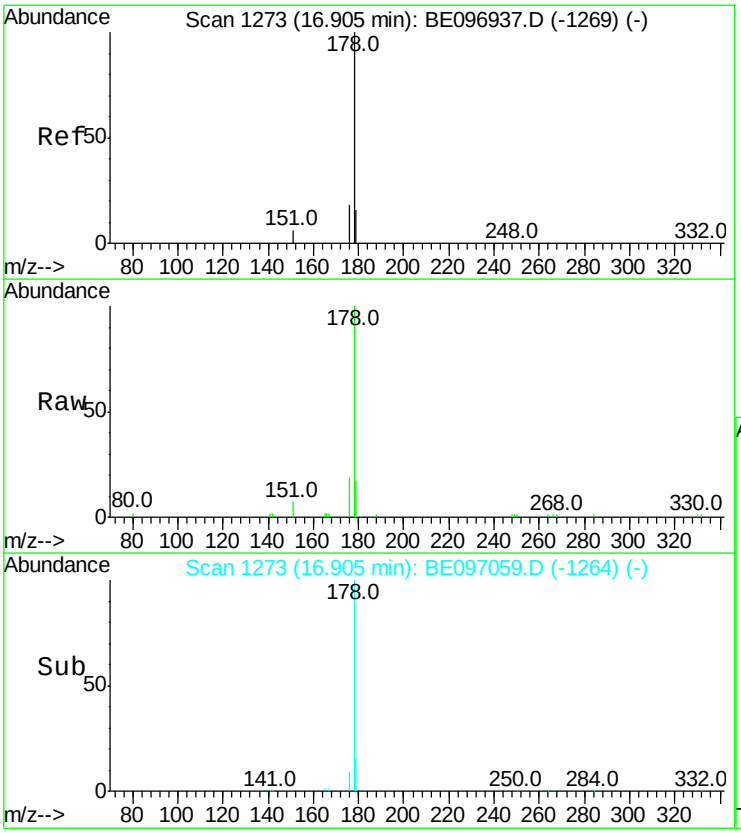
#23
Phenanthrene
Concen: 0.384 ng
RT: 16.90 min Scan# 1273
Delta R.T. 0.09 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:178 Resp: 5767

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.1	11.8	17.6

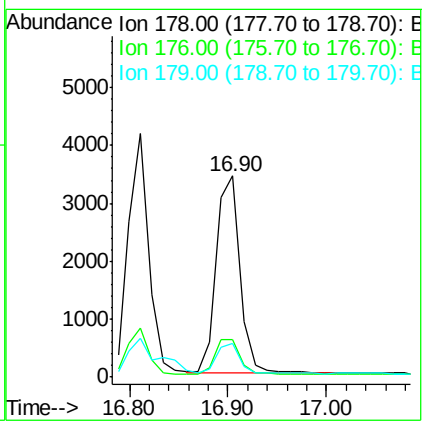


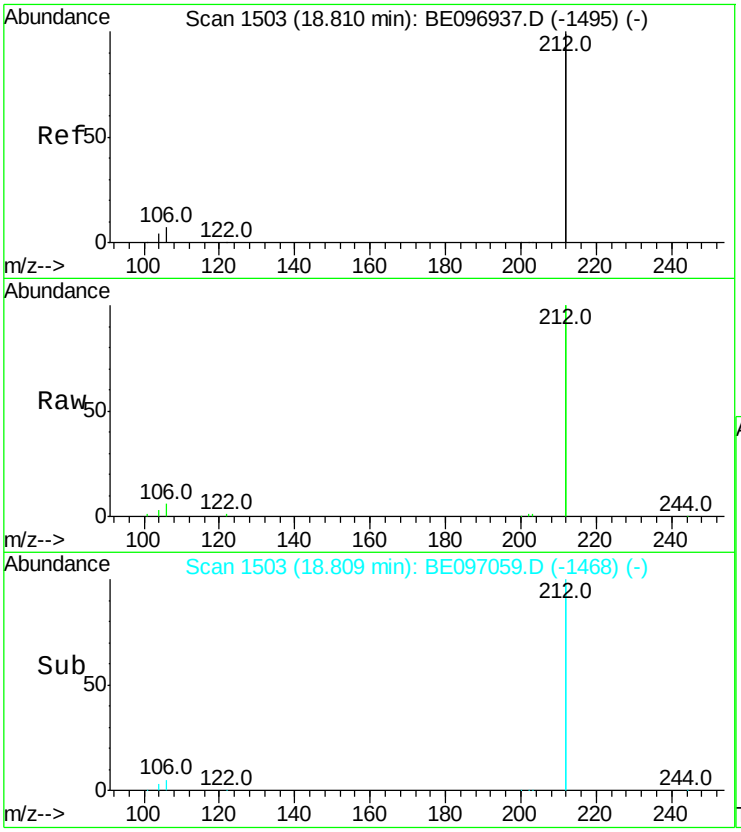


#24
Anthracene
Concen: 0.435 ng
RT: 16.90 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:178 Resp: 5692

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	14.6	13.0	19.6



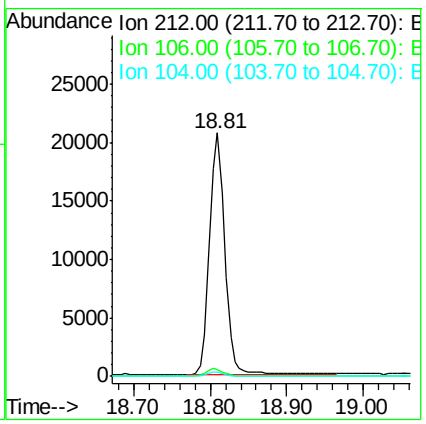


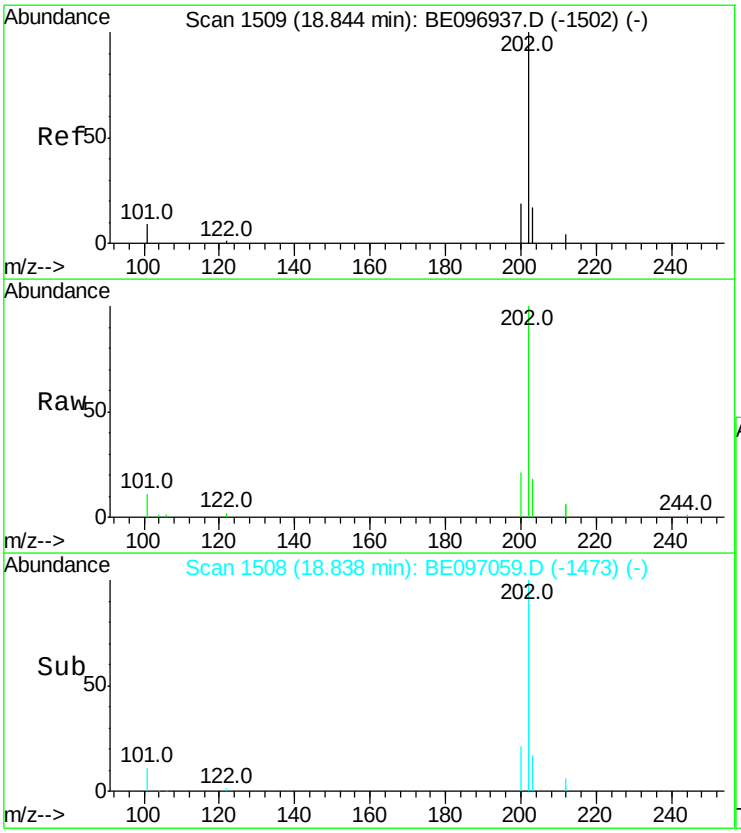
#25
Fluoranthene-d10
Concen: 0.519 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:212 Resp: 28361

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4

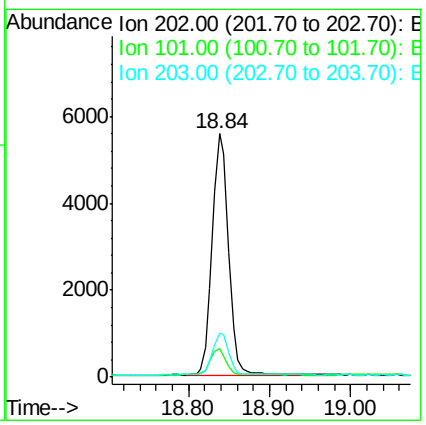


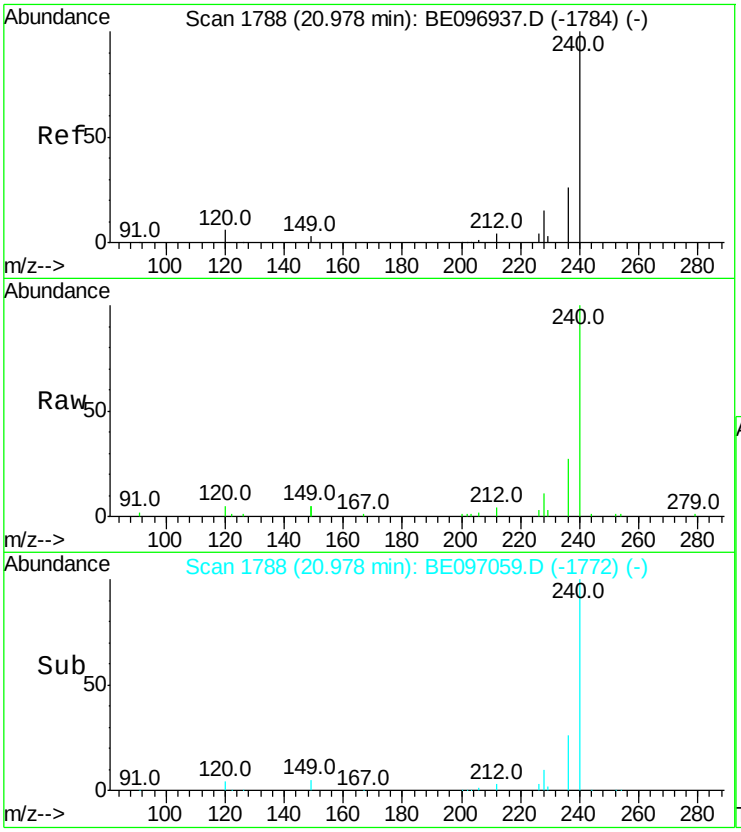


#26
Fluoranthene
Concen: 0.487 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:202 Resp: 7727

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
203	17.0	13.7	20.5



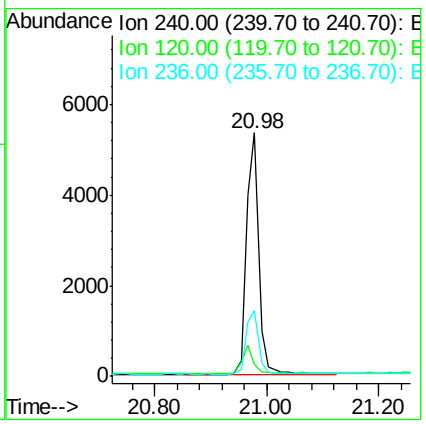


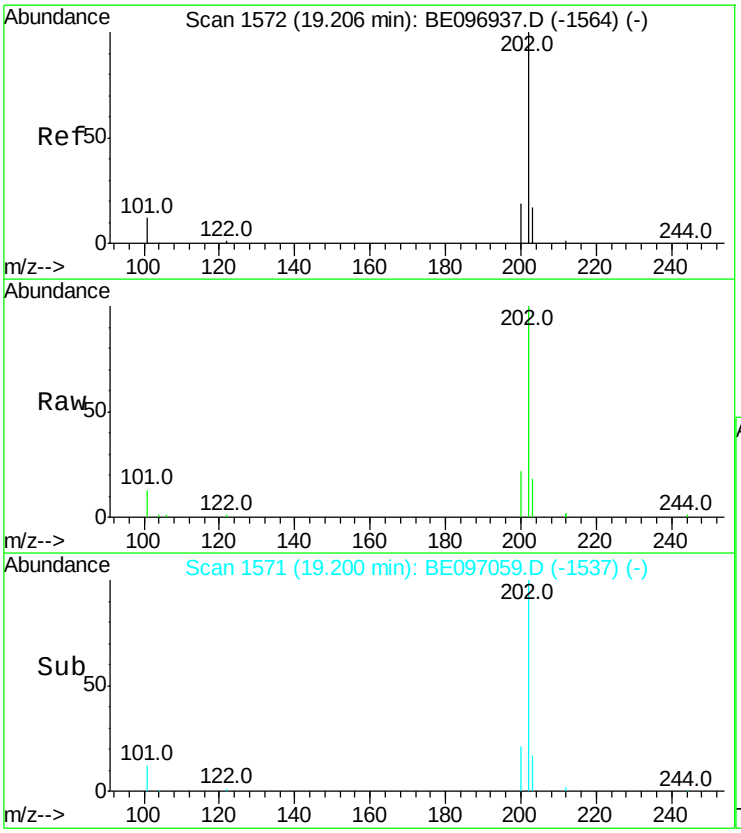
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:240 Resp: 8039

Ion	Ratio	Lower	Upper
240	100		
120	4.8	5.5	8.3#
236	27.1	20.7	31.1

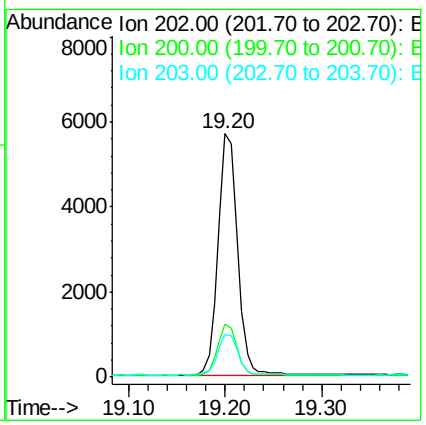


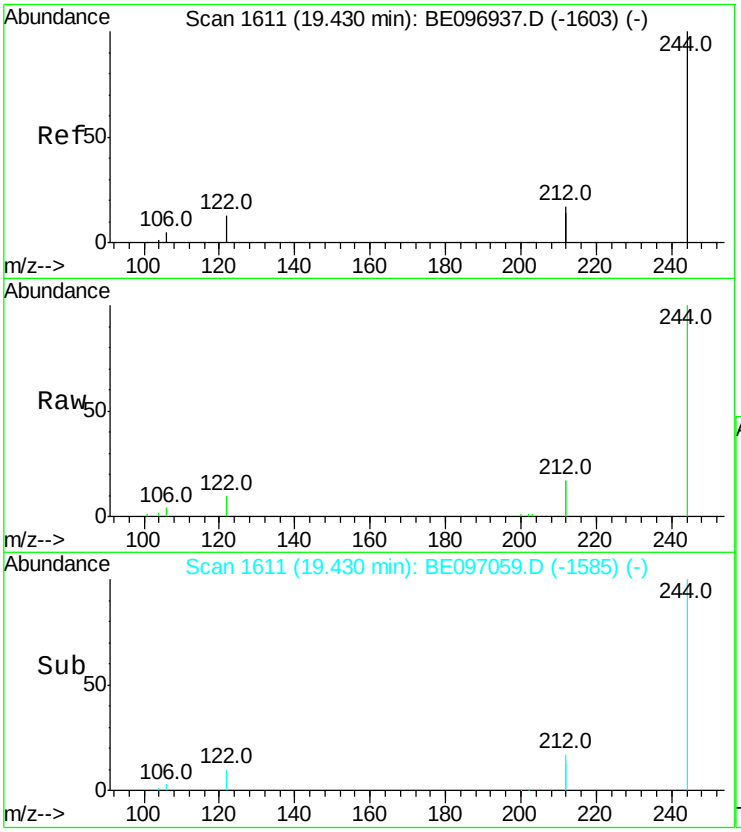


#28
Pyrene
Concen: 0.338 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:202 Resp: 8024

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	18.0	13.8	20.8



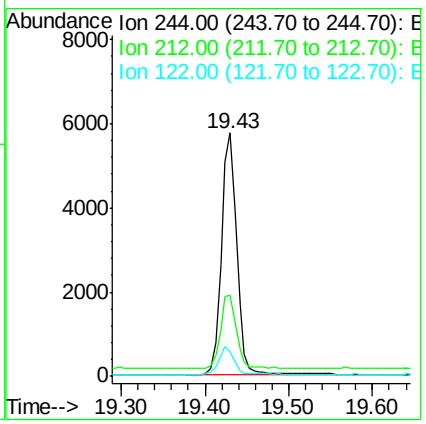


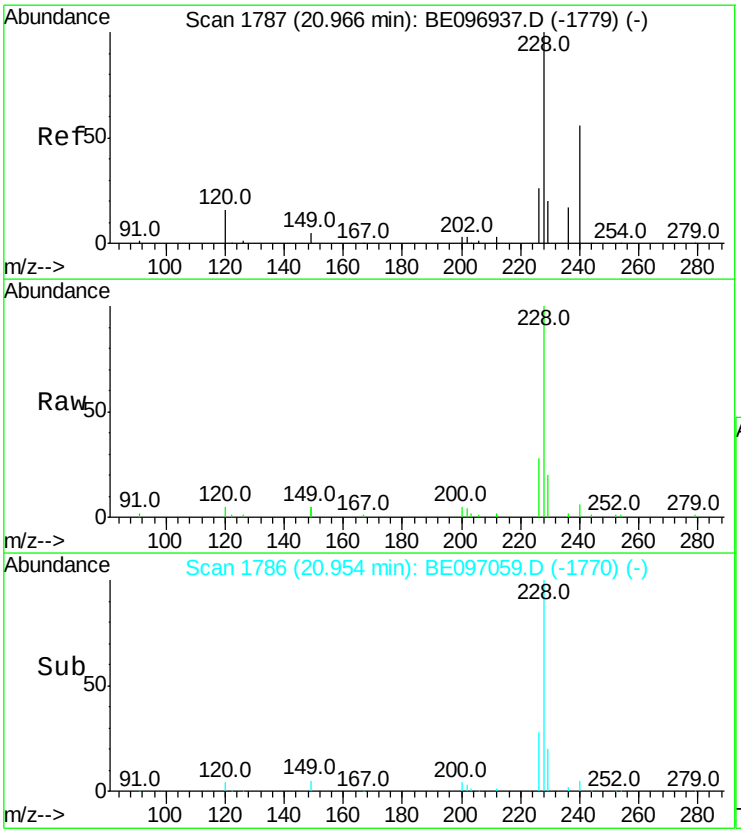
#29
Terphenyl-d14
Concen: 0.466 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:244 Resp: 7220

Ion	Ratio	Lower	Upper
244	100		
212	33.2	25.4	38.0
122	10.4	8.1	12.1

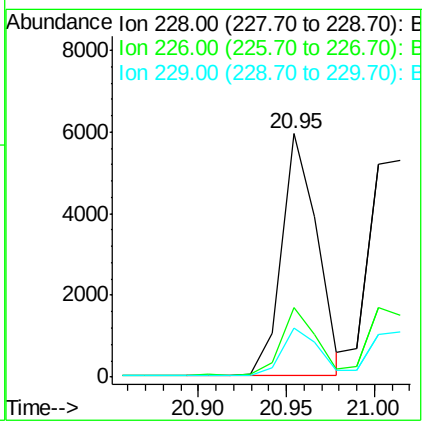


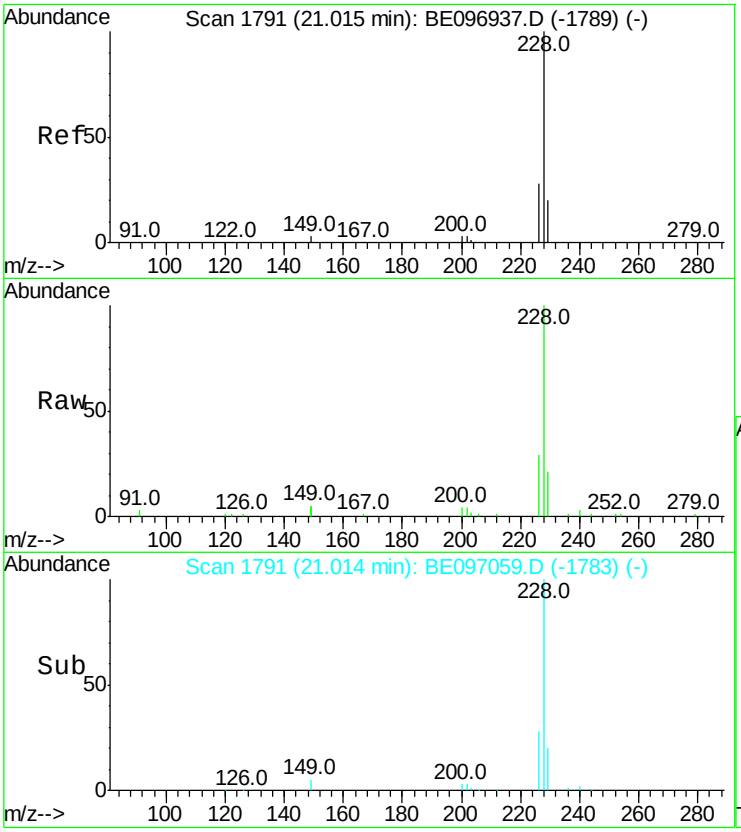


#30
Benzo(a)anthracene
Concen: 0.431 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:228 Resp: 8254

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	20.2	16.0	24.0



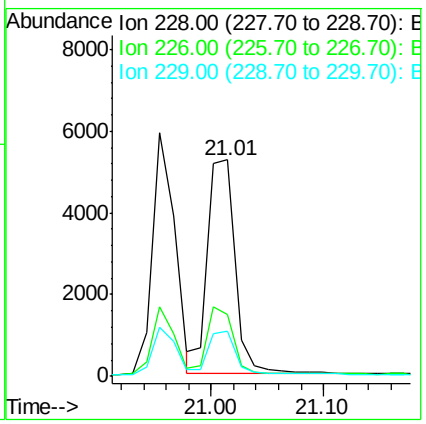


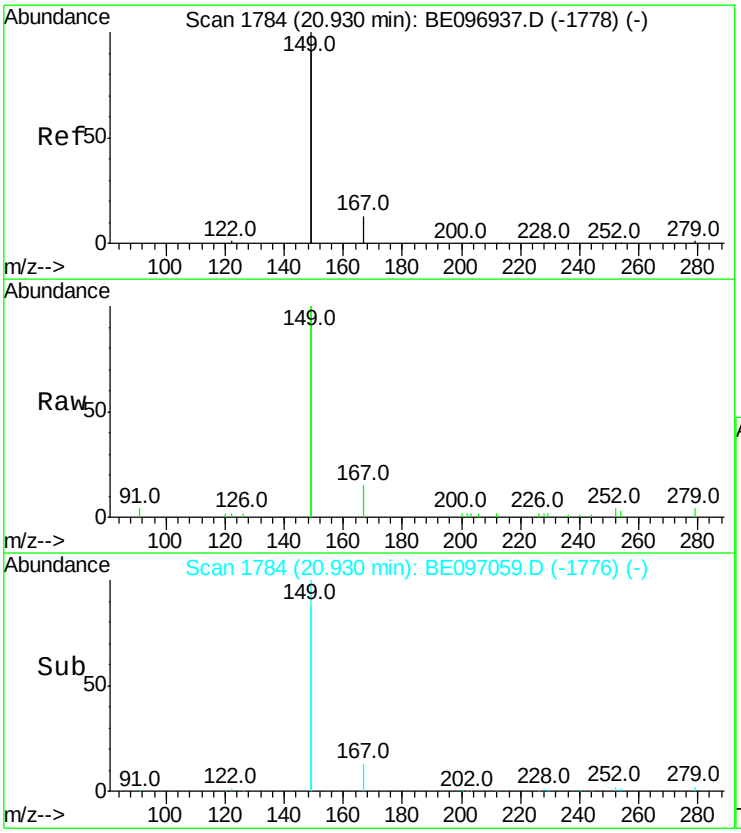
#31
Chrysene
Concen: 0.409 ng
RT: 21.01 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:228 Resp: 8792

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	21.1	16.0	24.0

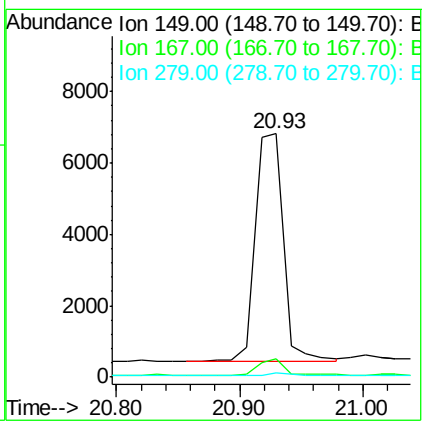


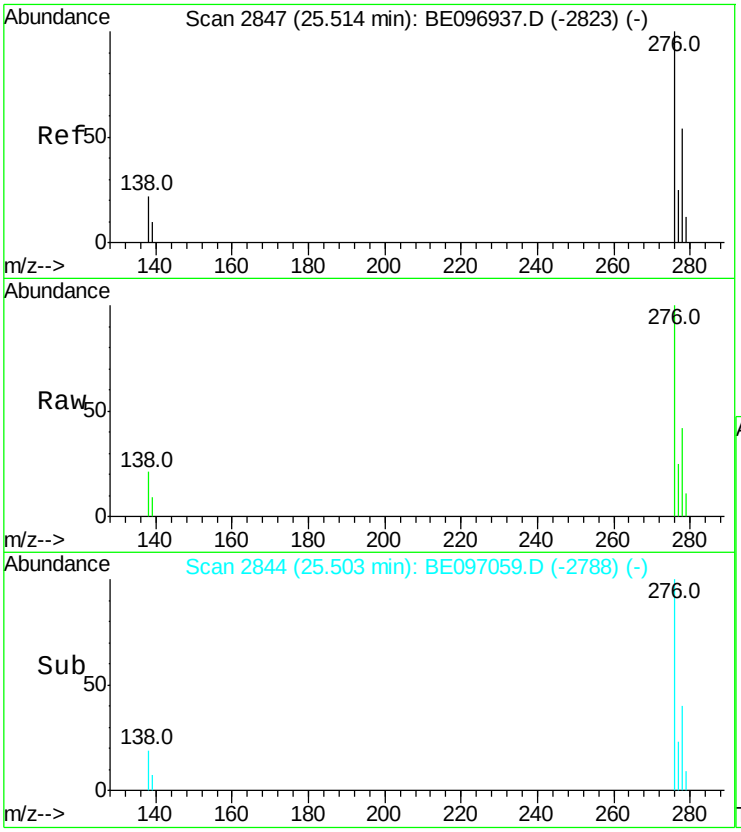


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.529 ng
RT: 20.93 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:149 Resp: 10106

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.9	0.7	1.1



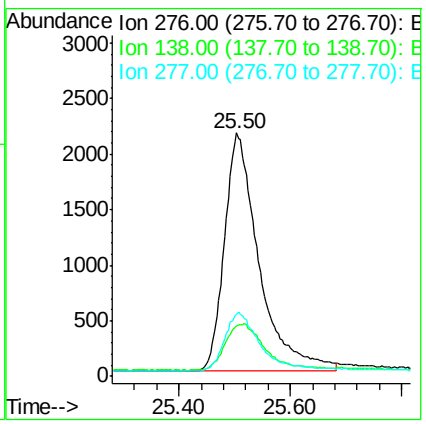


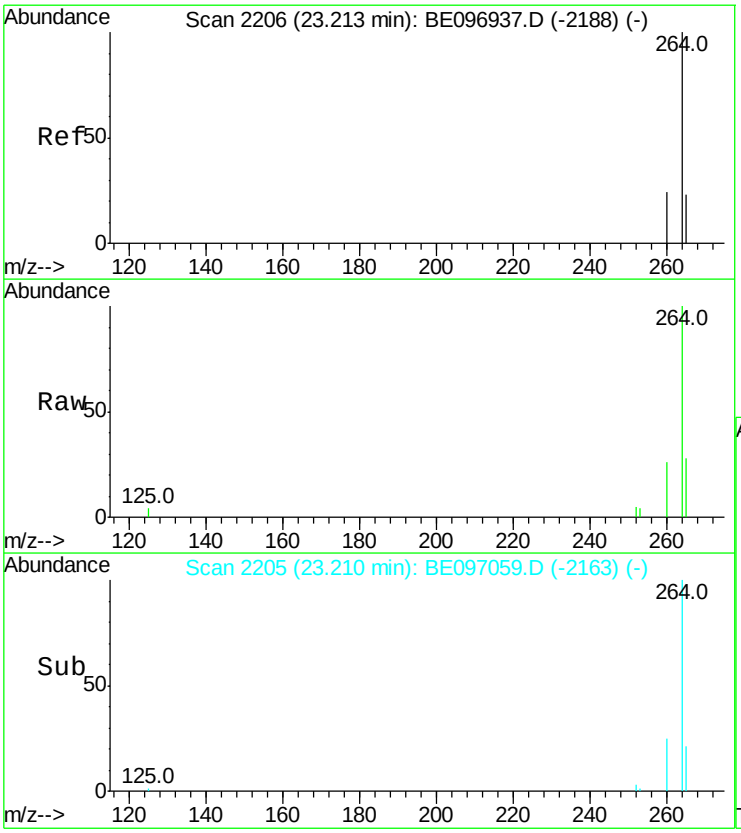
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.591 ng
RT: 25.50 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:276 Resp: 9249

Ion	Ratio	Lower	Upper
276	100		
138	21.4	22.5	33.7#
277	25.0	19.9	29.9

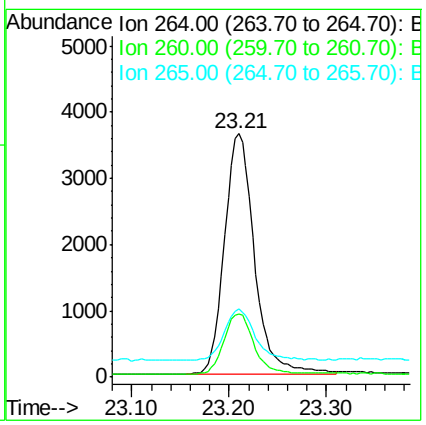


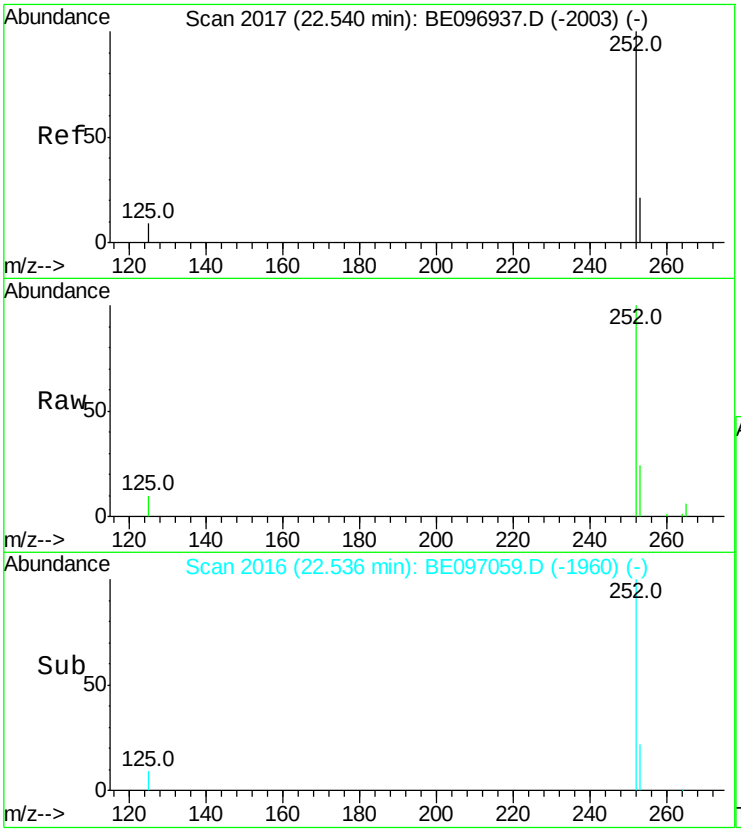


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:264 Resp: 7756

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	27.9	22.8	34.2



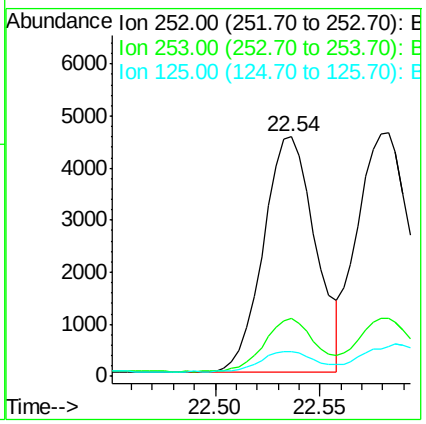


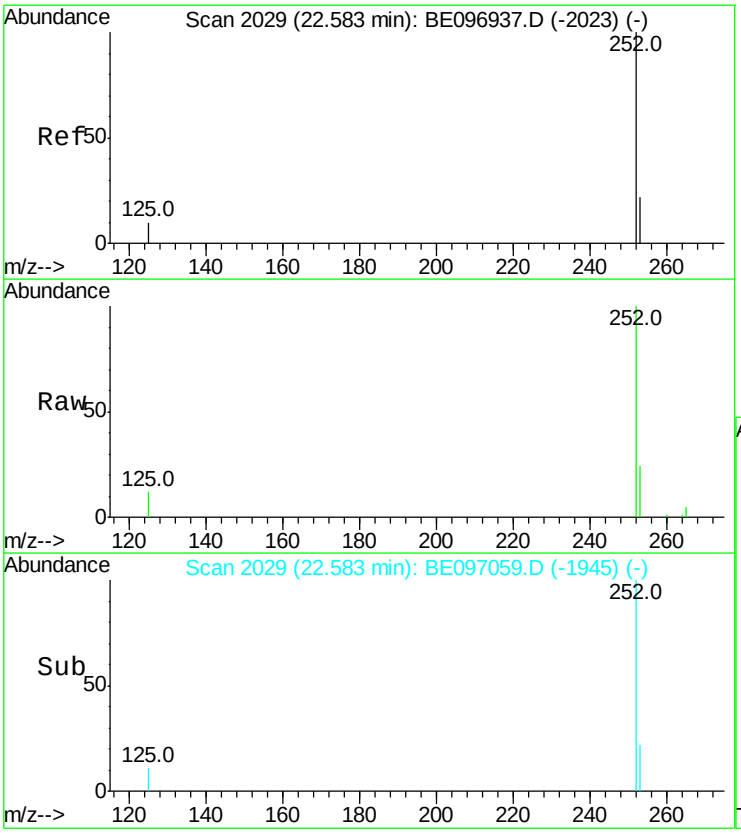
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:252 Resp: 7834

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.0	30.0
125	10.2	16.0	24.0#

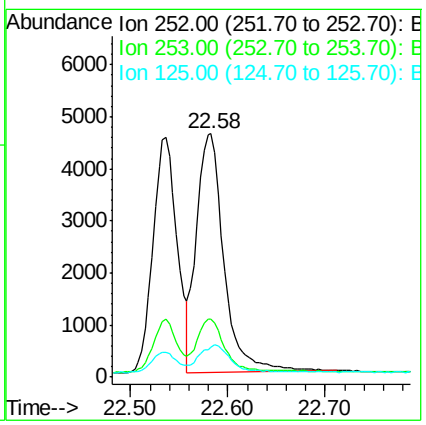


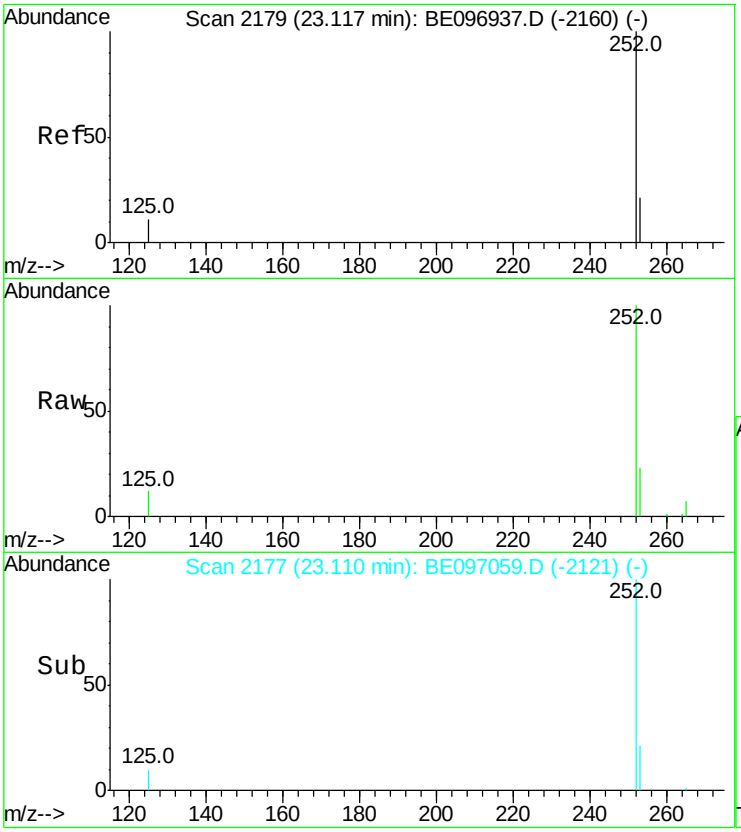


#36
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 22.58 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:252 Resp: 8965

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.0	24.0
125	12.4	8.0	12.0#



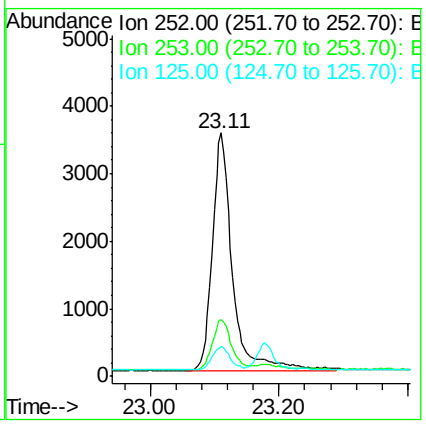


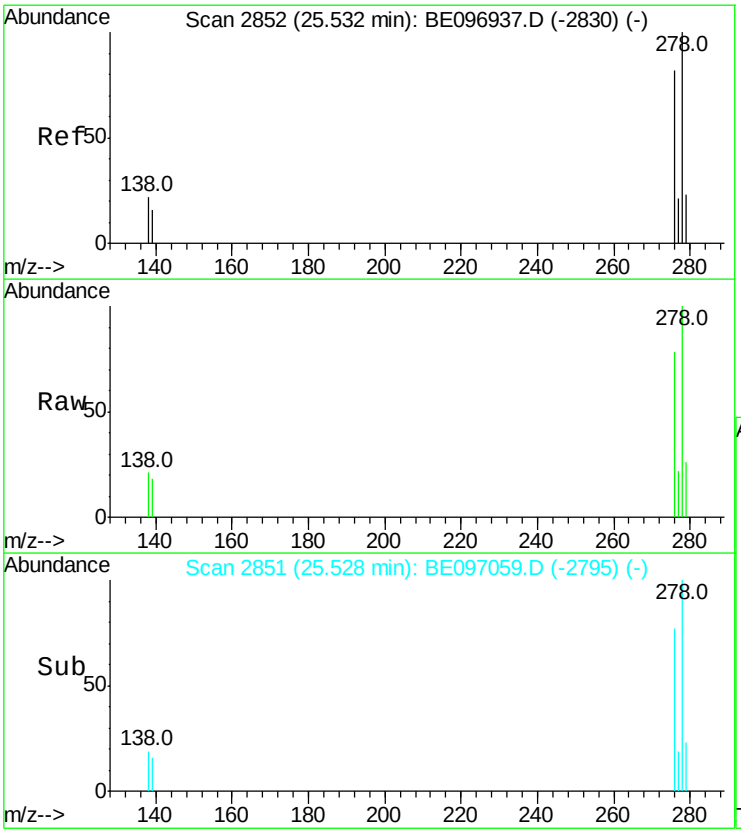
#37
Benzo(a)pyrene
Concen: 0.440 ng
RT: 23.11 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:252 Resp: 7641

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	12.1	12.0	18.0

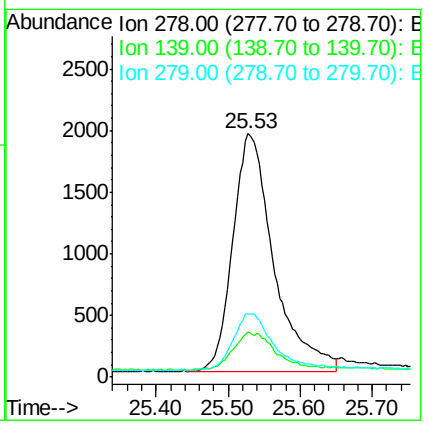


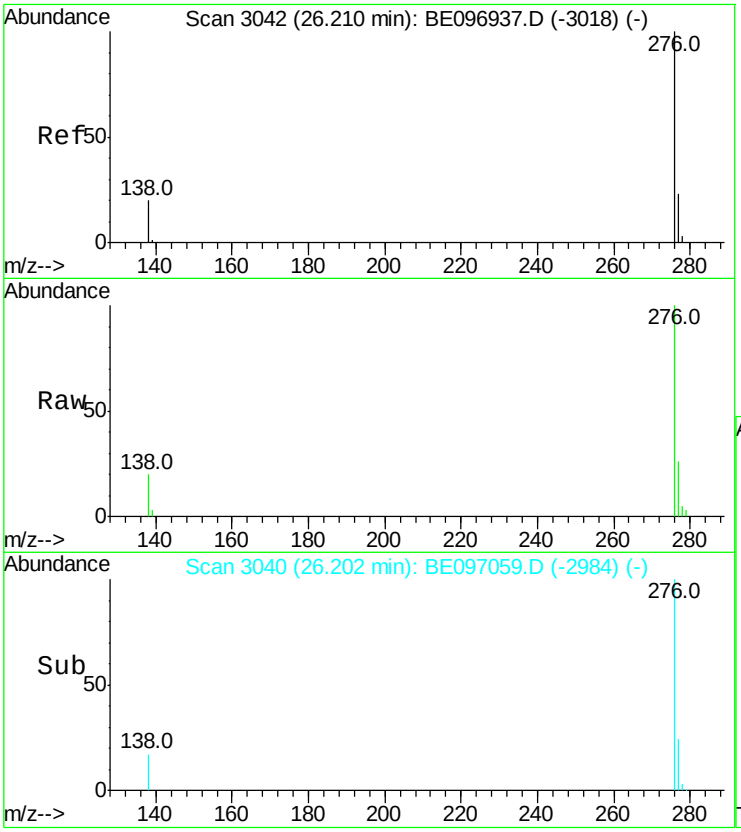


#38
Dibenzo(a,h)anthracene
Concen: 0.503 ng
RT: 25.53 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Tgt Ion:278 Resp: 7449

Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.0	24.0
279	26.0	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.496 ng
RT: 26.20 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BE097059.D
Acq: 24 Jul 2018 5:43

Instrument :
BNA_E
ClientSampleId :
PB111338BS

Tgt Ion:276 Resp: 7976

Ion	Ratio	Lower	Upper
276	100		
277	25.5	16.0	24.0#
138	19.7	20.0	30.0#