Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097068.D
Acq On : 24 Jul 2018 11:20
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 24 11:59:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 11:09:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1219	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6173	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4074	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	10415	0.40	ng		0.00
27) Chrysene-d12	20.98	240	10640	0.40	ng		0.00
34) Perylene-d12	23.21	264	8522	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	5517	1.89	ng		0.00
5) Phenol-d6	6.60	99	8612	1.94	ng		0.00
8) Nitrobenzene-d5	8.52	82	9148	2.03	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	15668	1.74	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	2675	2.59	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	23457	1.55	ng		0.00
25) Fluoranthene-d10	18.81	212	185176	2.04	ng		0.00
29) Terphenyl-d14	19.42	244	34807	1.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	3136	1.797	ng	#	87
3) n-Nitrosodimethylamine	3.37	42	3764	1.917	ng	#	91
6) bis(2-Chloroethyl)ether	6.84	93	7601	1.741	ng		97
9) Naphthalene	10.20	128	92446	1.673	ng		99
10) Hexachlorobutadiene	10.48	225	4154	1.859	ng		97
12) 2-Methylnaphthalene	11.80	142	16294	1.738	ng		100
16) Acenaphthylene	13.73	152	30961	1.664	ng		99
17) Acenaphthene	14.08	154	17981	1.554	ng		93
18) Fluorene	15.08	166	24027	1.850	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	8792	1.785	ng		85
21) Hexachlorobenzene	16.08	284	9309	1.702	ng	#	83
22) Pentachlorophenol	16.43	266	2809	3.130	ng	#	73
23) Phenanthrene	16.81	178	42549	1.706	ng		99
24) Anthracene	16.89	178	39906	1.839	ng		96
26) Fluoranthene	18.84	202	50123	1.905	ng		98
28) Pyrene	19.20	202	48607	1.548	ng		99
30) Benzo(a)anthracene	20.95	228	45594	1.800	ng		97
31) Chrysene	21.00	228	48803	1.717	ng		97
32) Bis(2-ethylhexyl)phthalate	20.93	149	55638	2.200	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	44463	2.148	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	38149	1.754	ng	#	86
36) Benzo(k)fluoranthene	22.58	252	46419	1.794	ng		96
37) Benzo(a)pyrene	23.11	252	36610	1.882	ng	#	92
38) Dibenzo(a,h)anthracene	25.52	278	37114	2.336	ng	#	93
39) Benzo(g,h,i)perylene	26.20	276	38146	2.157	ng	#	90

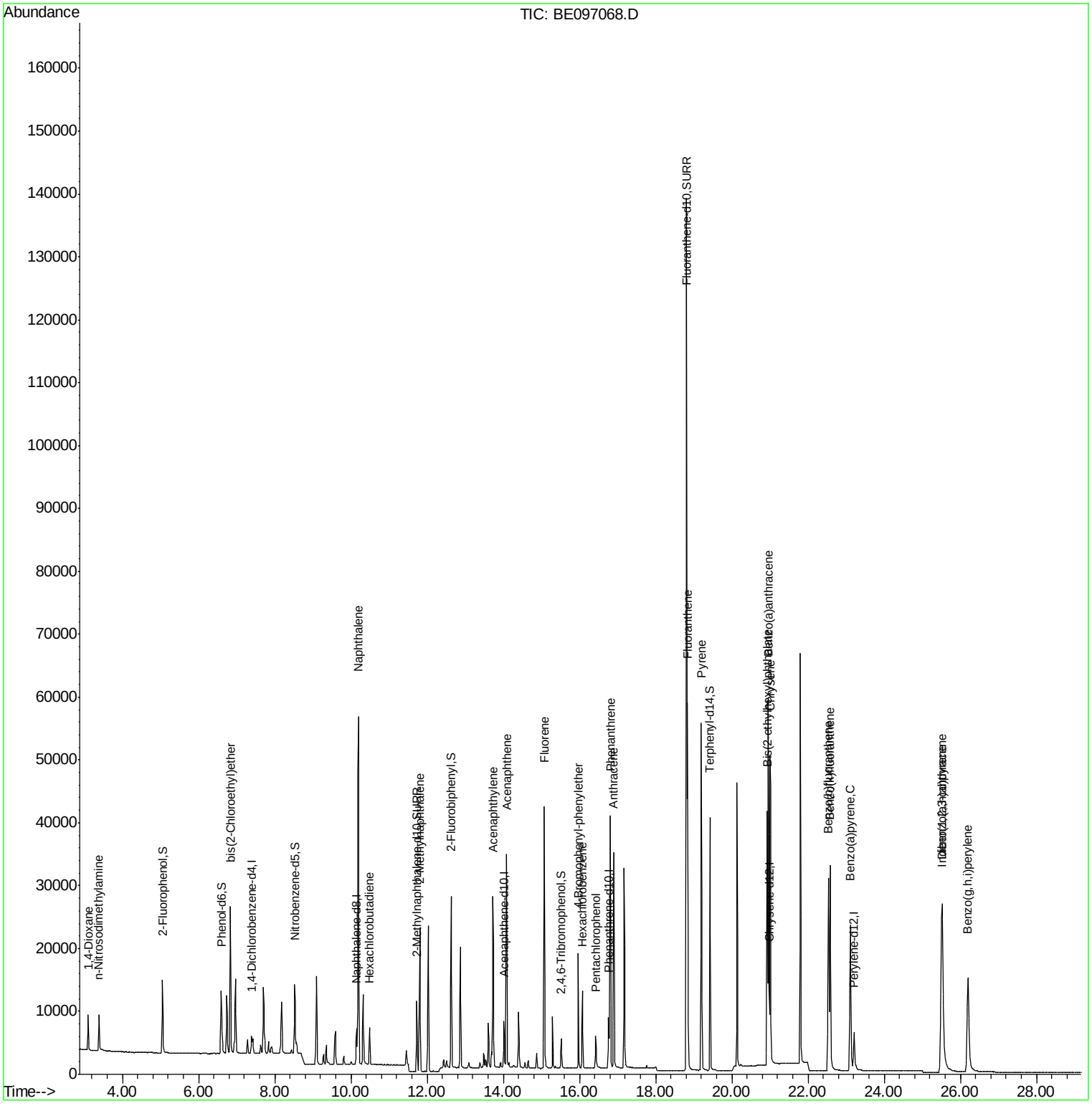
(#) = qualifier out of range (m) = manual integration (+) = signals summed

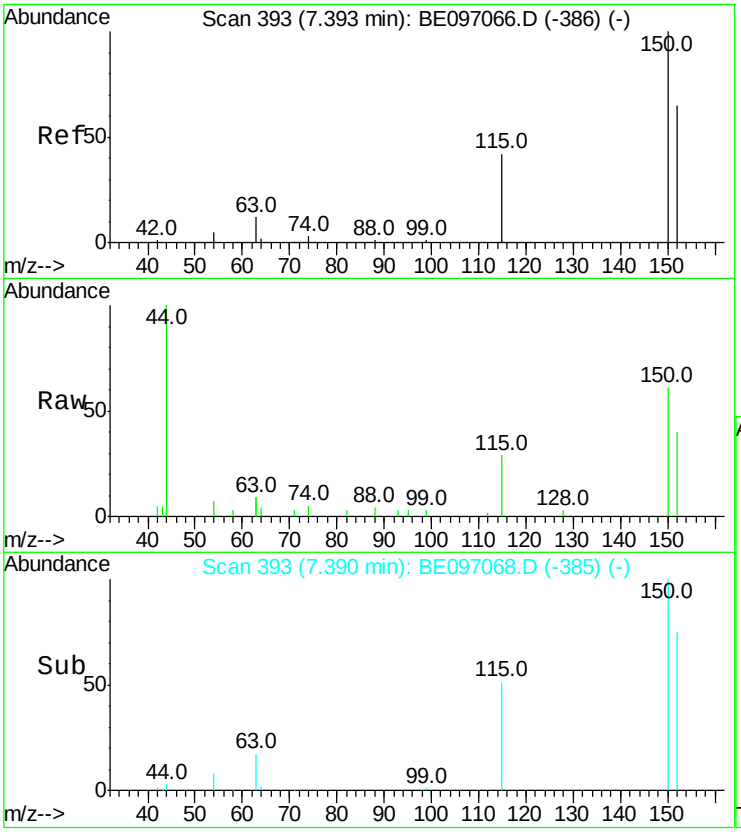
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097068.D
Acq On : 24 Jul 2018 11:20
Operator : SJ/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 24 11:59:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 11:09:08 2018
Response via : Initial Calibration



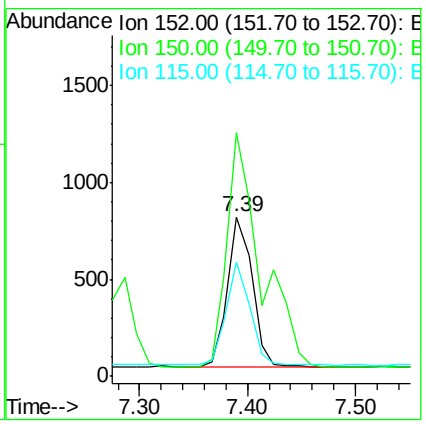


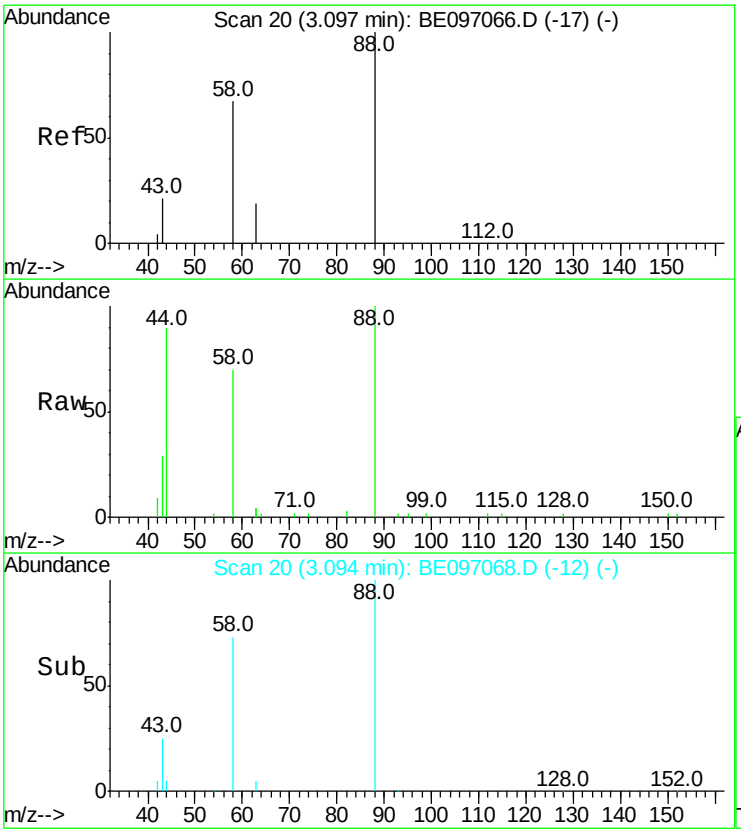
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1219

Ion	Ratio	Lower	Upper
152	100		
150	152.6	117.2	175.8
115	71.3	57.0	85.6

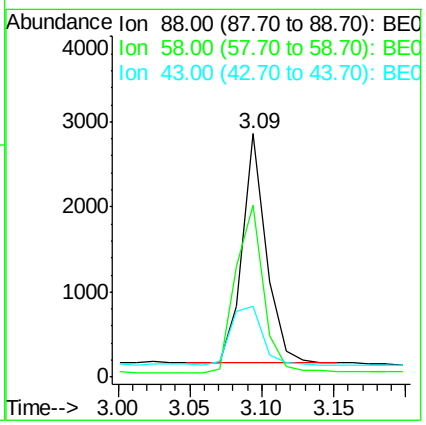


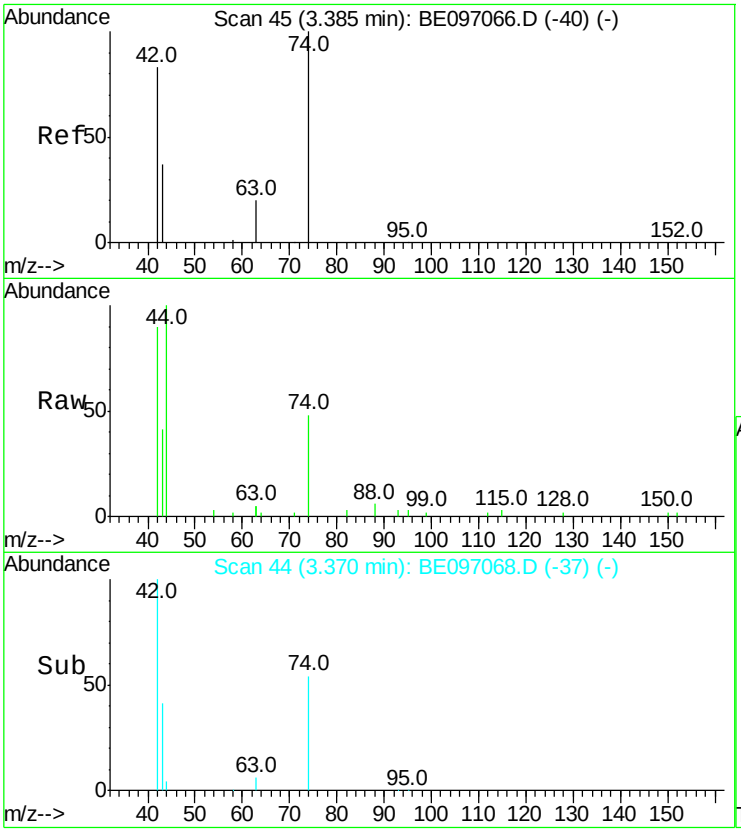


#2
1,4-Dioxane
Concen: 1.797 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion: 88 Resp: 3136

Ion	Ratio	Lower	Upper
88	100		
58	84.0	63.2	94.8
43	34.6	41.2	61.8#



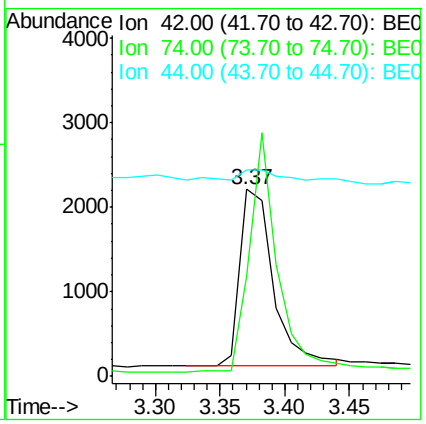


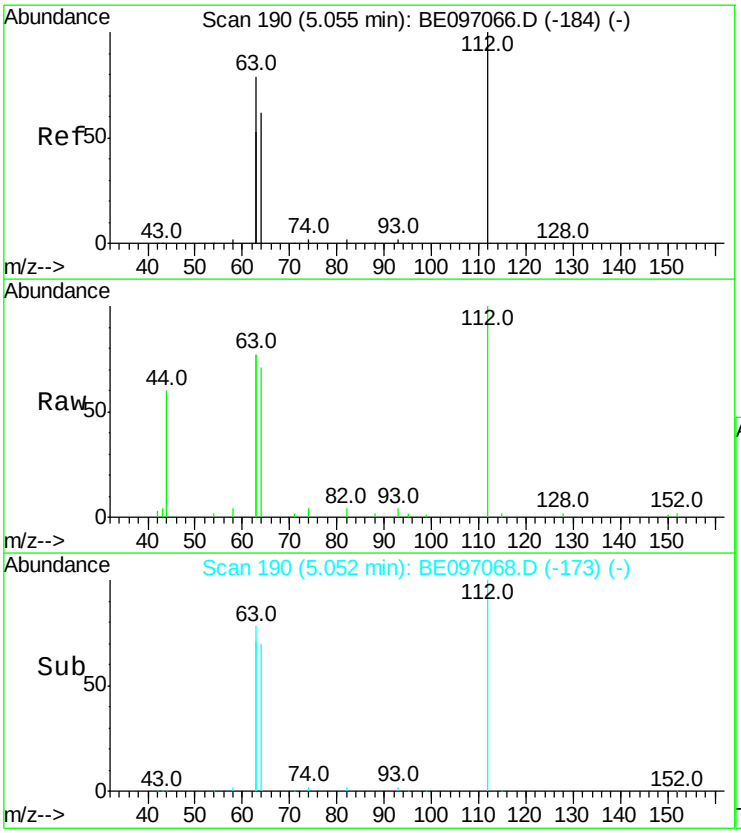
#3
n-Nitrosodimethylamine
Concen: 1.917 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3764

Ion	Ratio	Lower	Upper
42	100		
74	112.4	96.0	144.0
44	4.6	12.0	18.0#

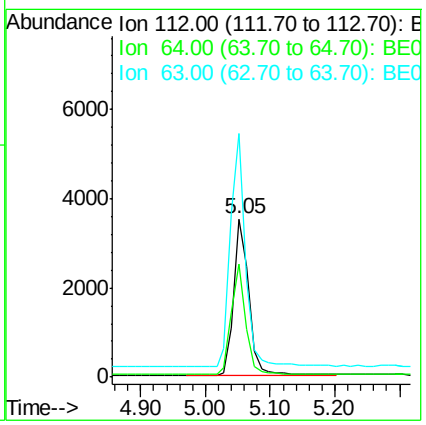


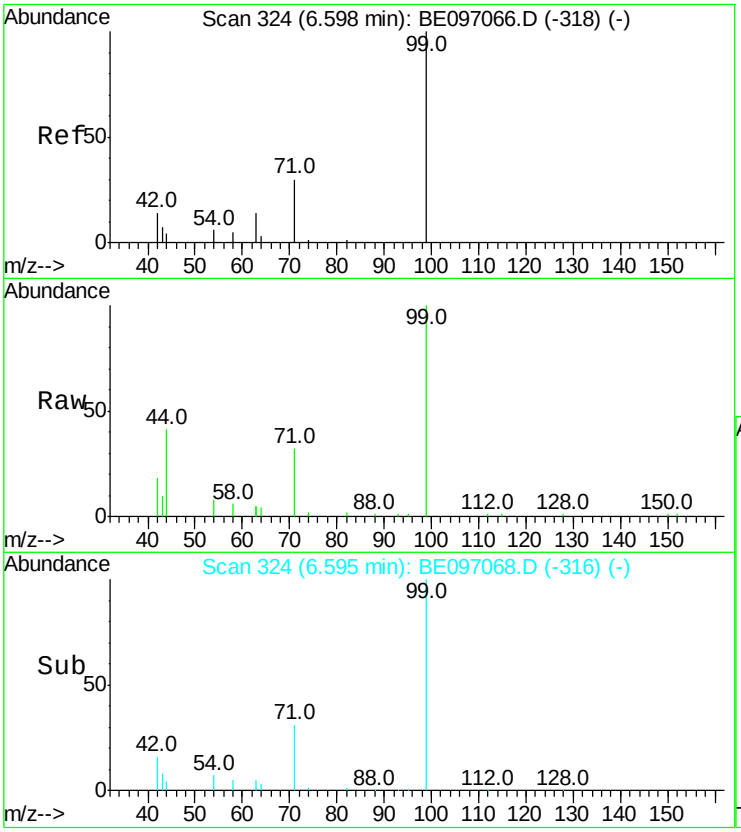


#4
2-Fluorophenol
Concen: 1.892 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:112 Resp: 5517

Ion	Ratio	Lower	Upper
112	100		
64	68.3	60.1	90.1
63	149.4	116.8	175.2



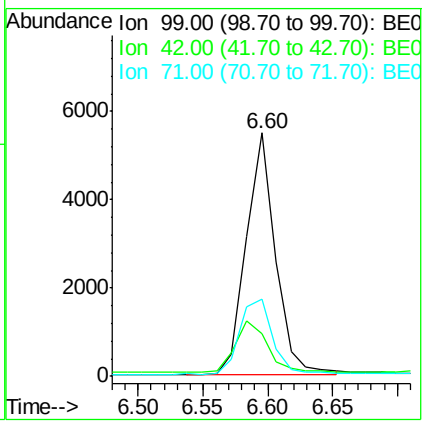


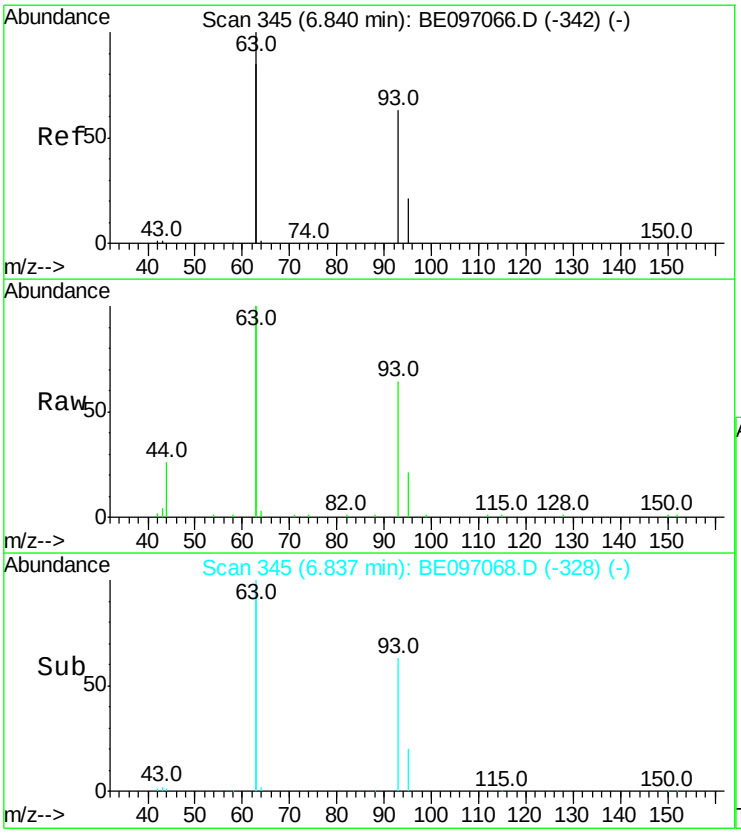
#5
Phenol-d6
Concen: 1.935 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8612

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.2	30.2
71	35.0	28.4	42.6

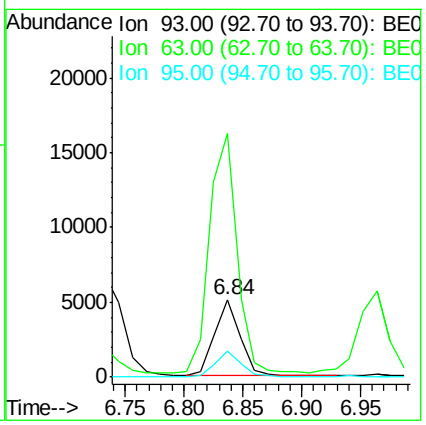


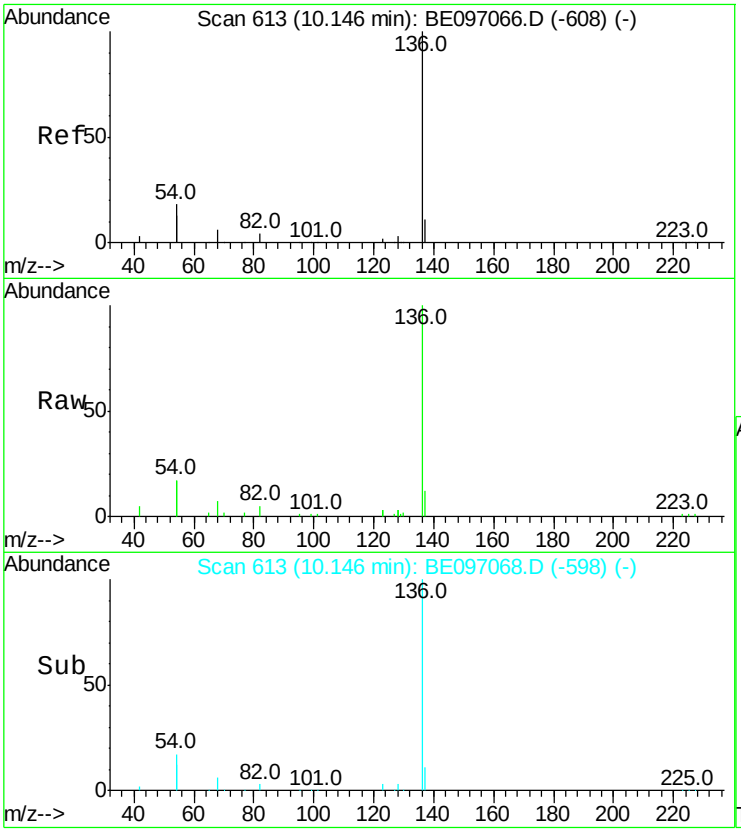


#6
bis(2-Chloroethyl)ether
Concen: 1.741 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion: 93 Resp: 7601

Ion	Ratio	Lower	Upper
93	100		
63	337.7	275.3	412.9
95	32.0	25.2	37.8



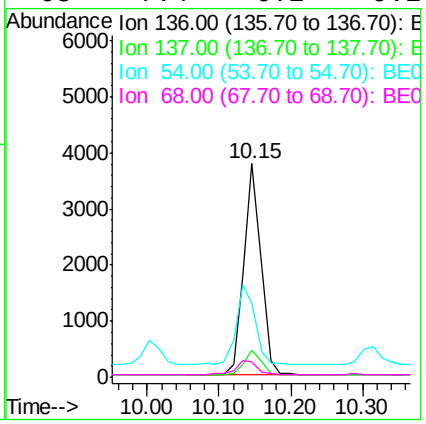


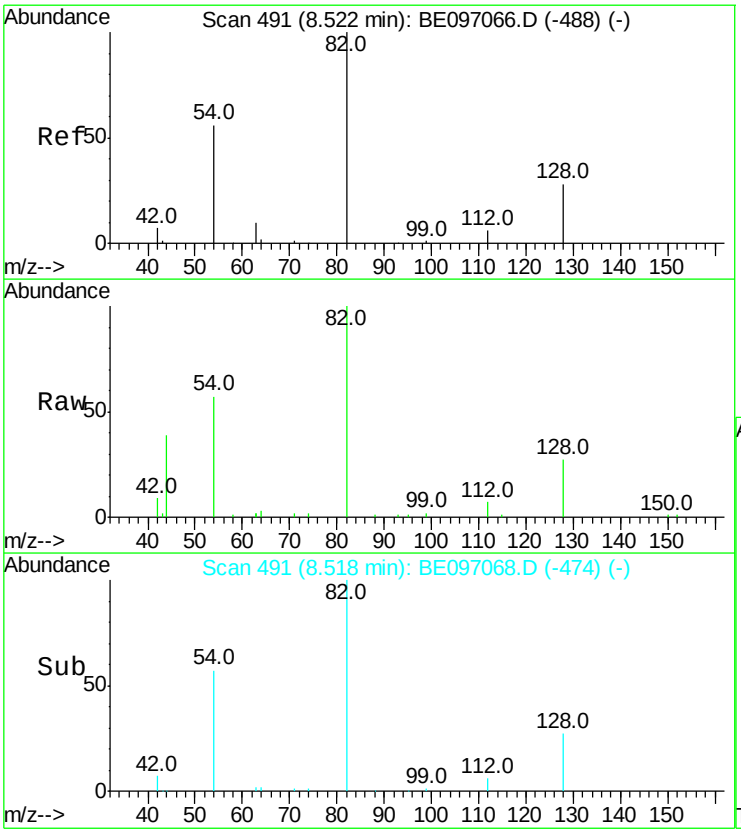
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6173

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	34.5	29.1	43.7
68	7.4	6.2	9.2

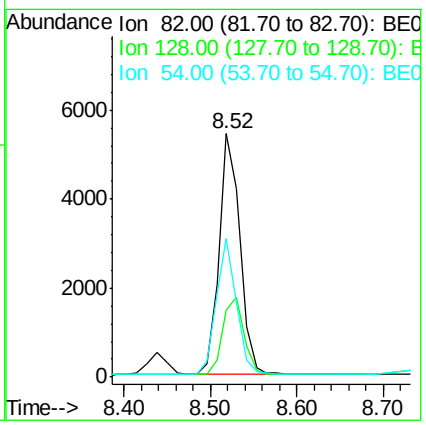


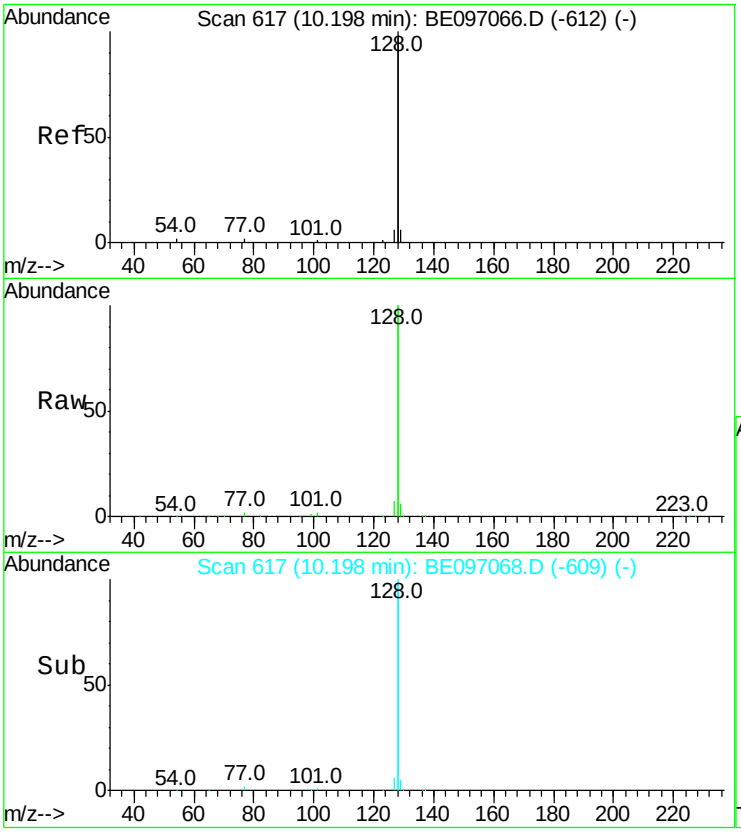


#8
Nitrobenzene-d5
Concen: 2.032 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion: 82 Resp: 9148

Ion	Ratio	Lower	Upper
82	100		
128	27.3	24.0	36.0
54	57.1	40.0	60.0



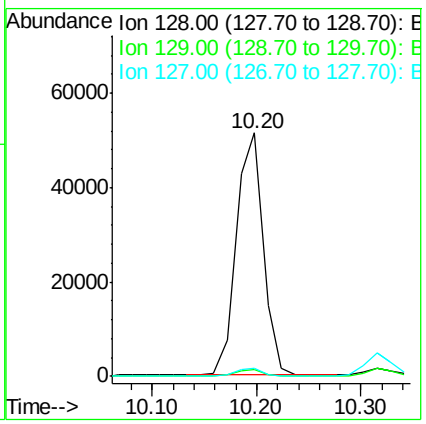


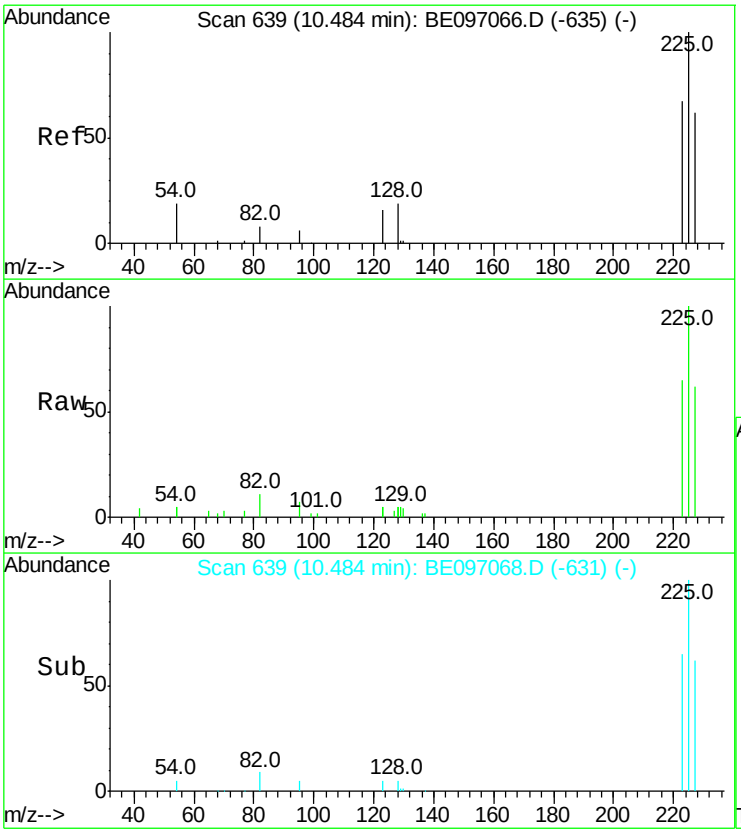
#9
Naphthalene
Concen: 1.673 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 92446

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.3	2.8	4.2

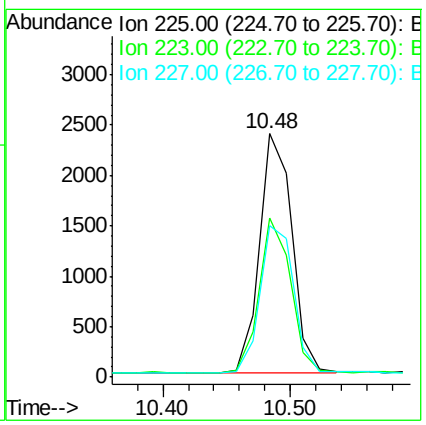


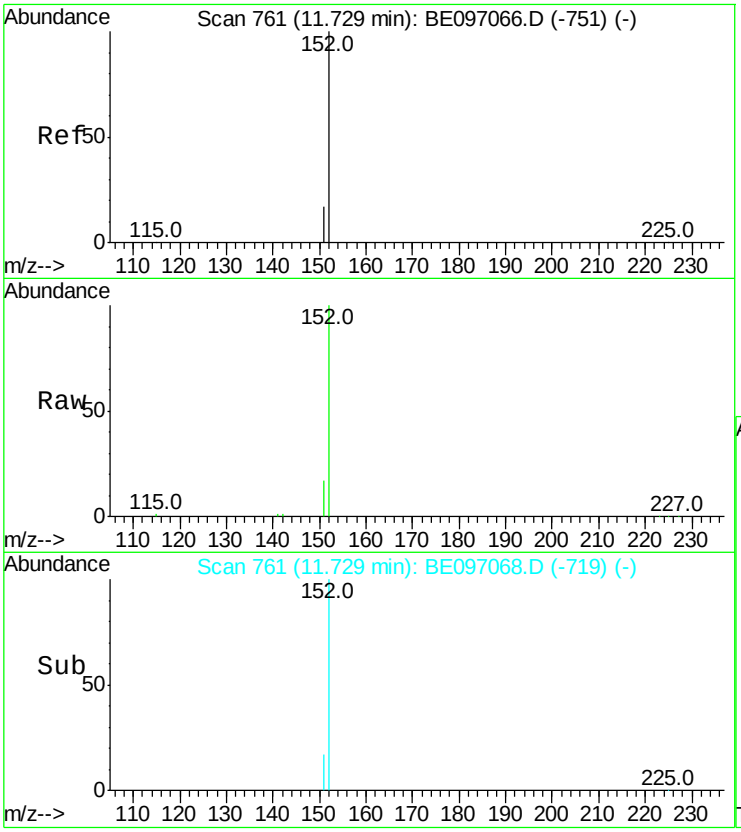


#10
Hexachlorobutadiene
Concen: 1.859 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:225 Resp: 4154

Ion	Ratio	Lower	Upper
225	100		
223	62.6	53.0	79.6
227	63.8	51.4	77.2



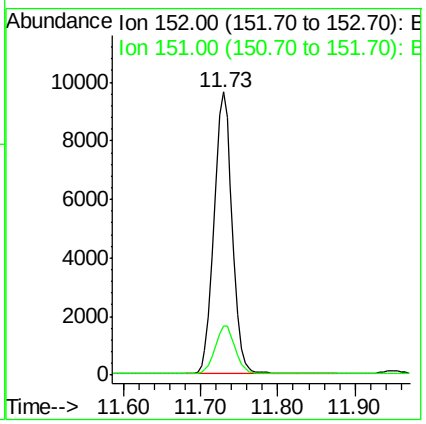


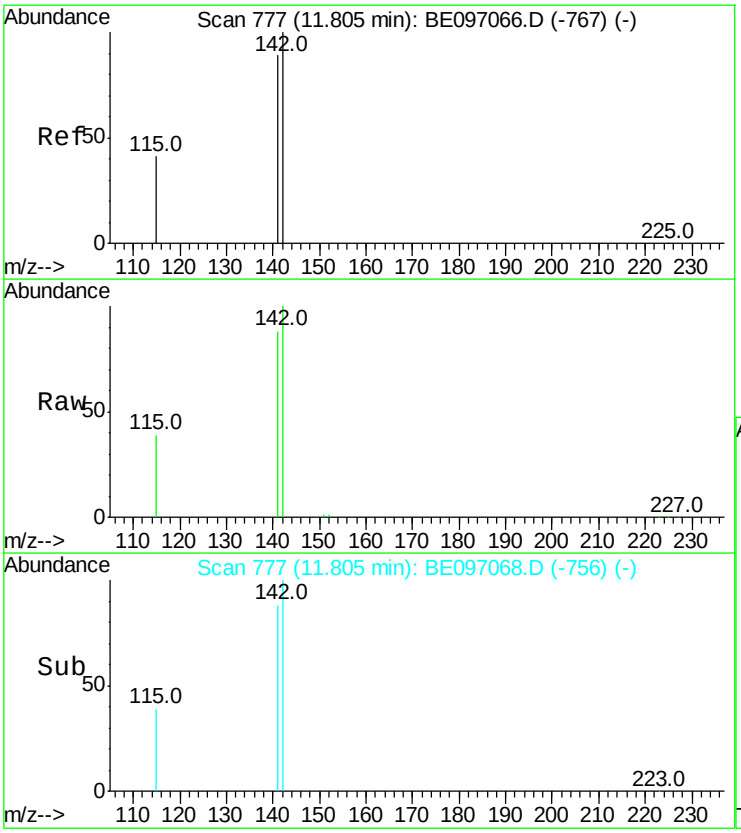
#11
2-Methylnaphthalene-d10
Concen: 1.741 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15668

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

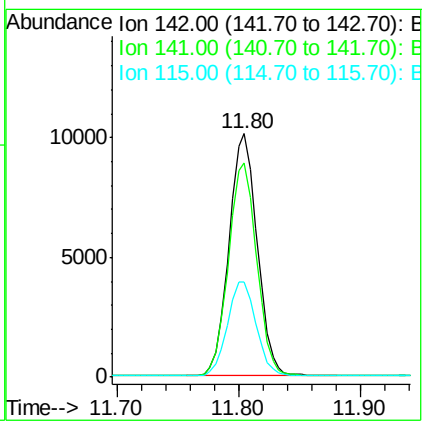


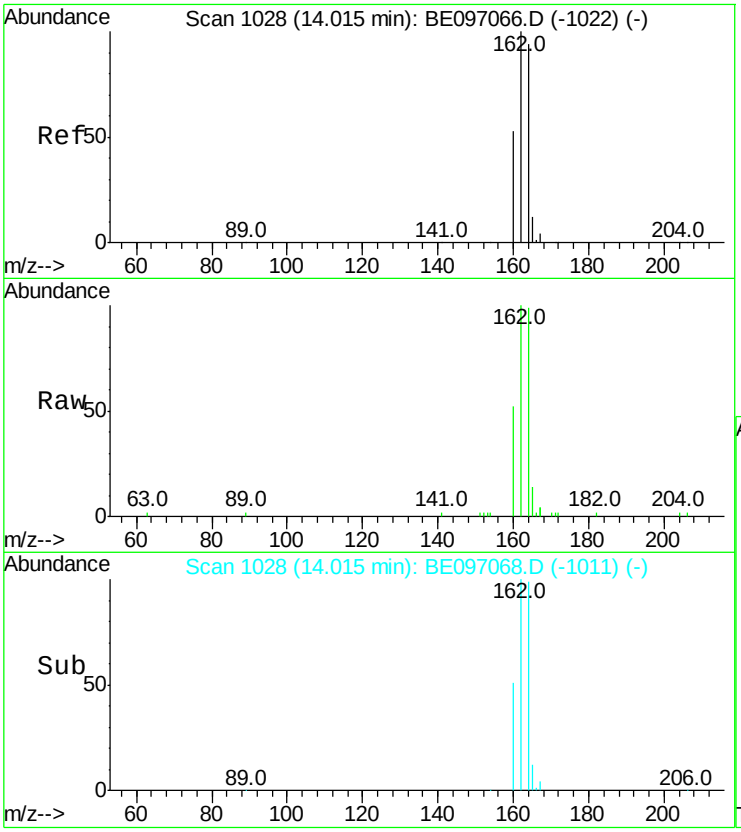


#12
2-Methylnaphthalene
Concen: 1.738 ng
RT: 11.80 min Scan# 777
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:142 Resp: 16294

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	38.9	31.7	47.5



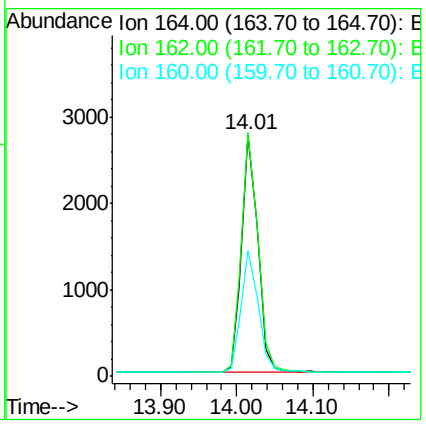


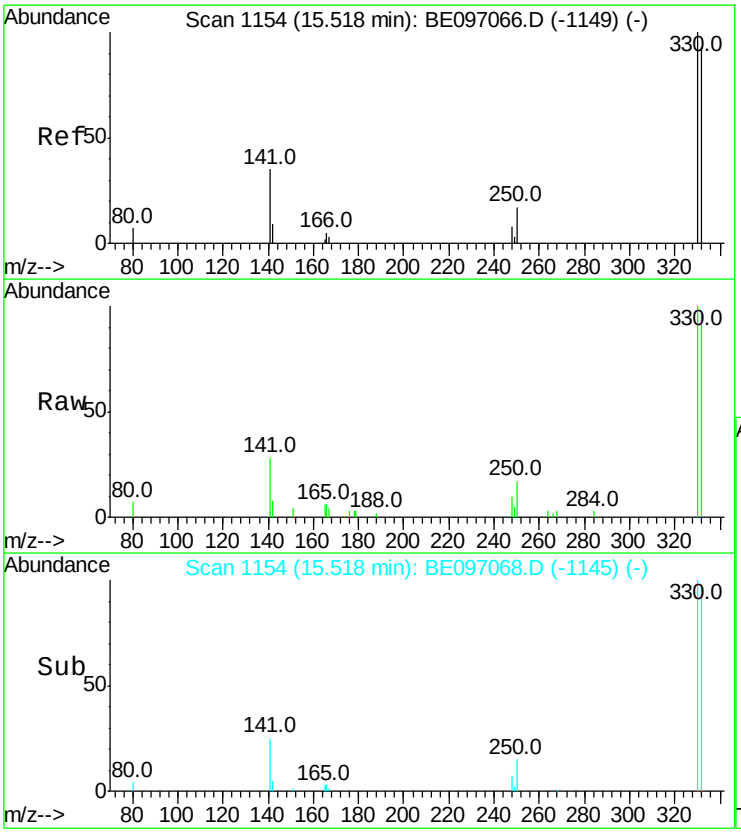
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4074

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.1	124.7
160	52.3	37.1	55.7

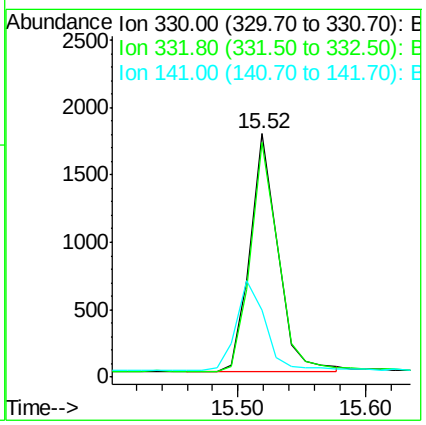


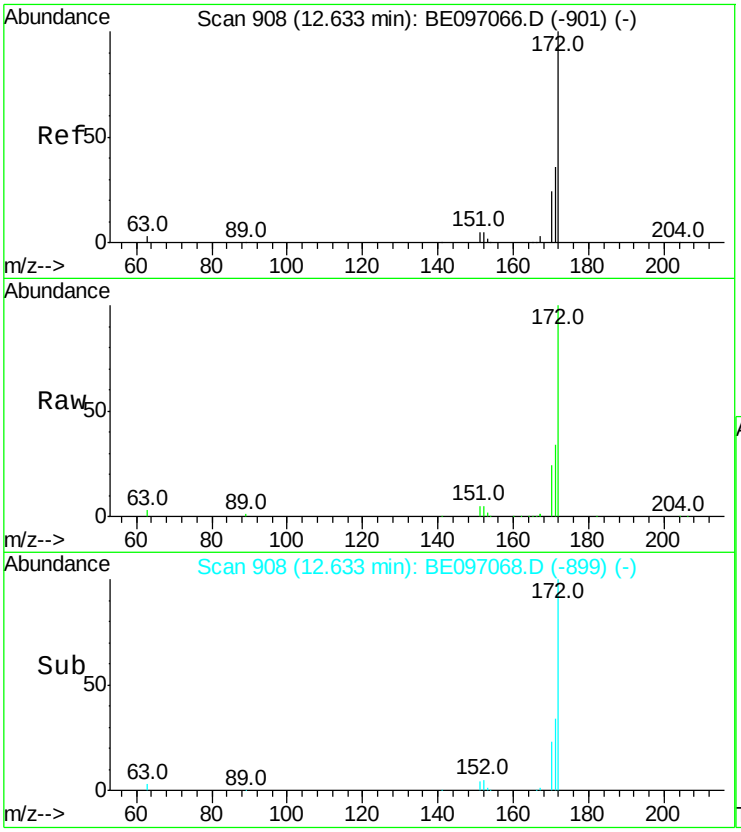


#14
2,4,6-Tribromophenol
Concen: 2.588 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:330 Resp: 2675

Ion	Ratio	Lower	Upper
330	100		
332	96.9	152.7	229.1#
141	39.5	33.7	50.5



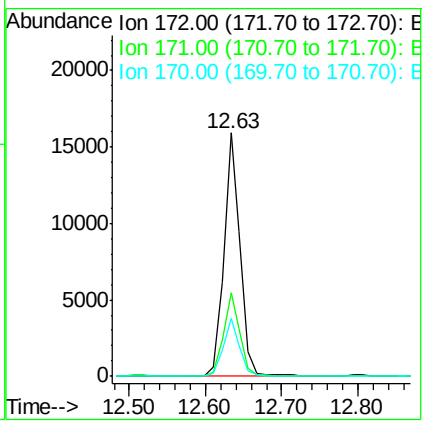


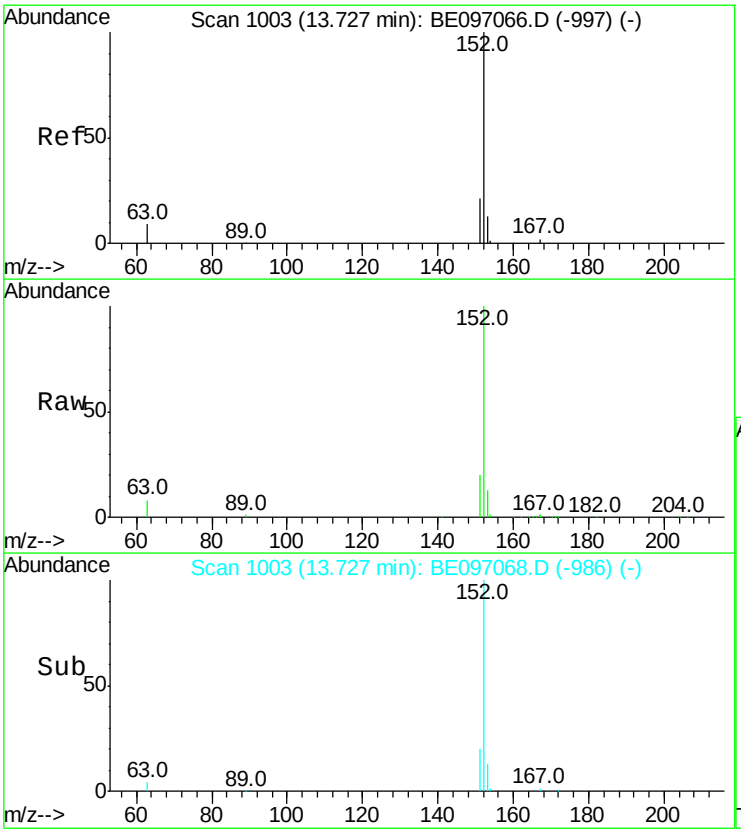
#15
2-Fluorobiphenyl
Concen: 1.548 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 23457

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	23.6	21.8	32.8

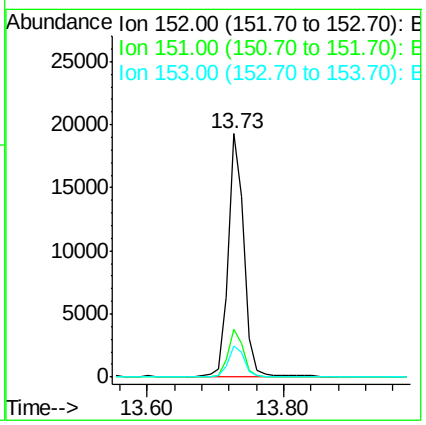


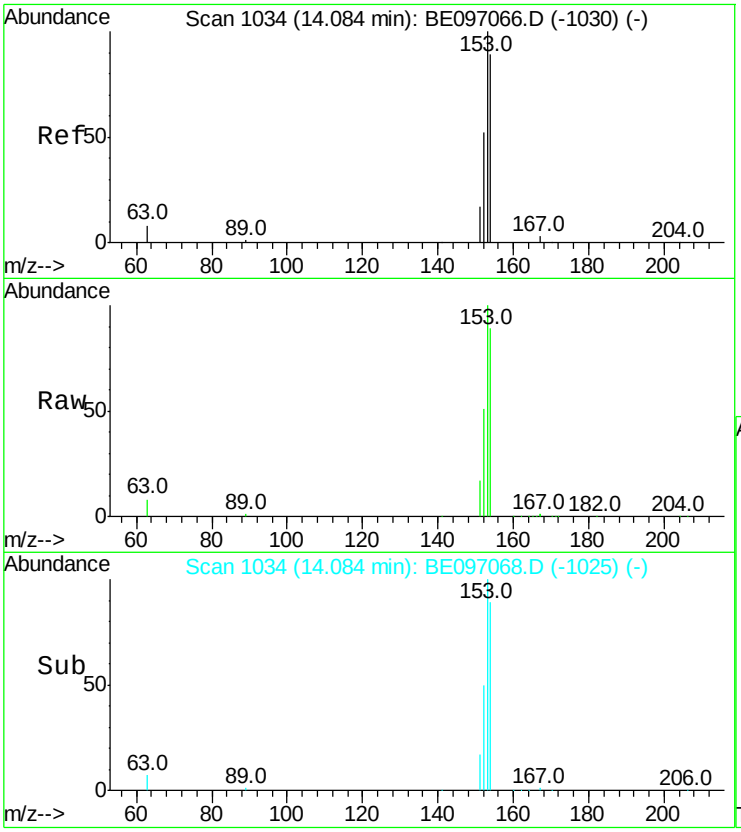


#16
Acenaphthylene
Concen: 1.664 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:152 Resp: 30961

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.5	15.7



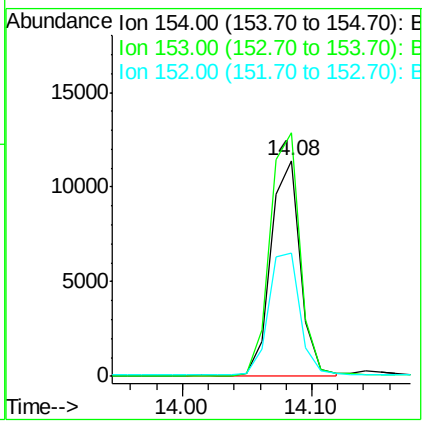


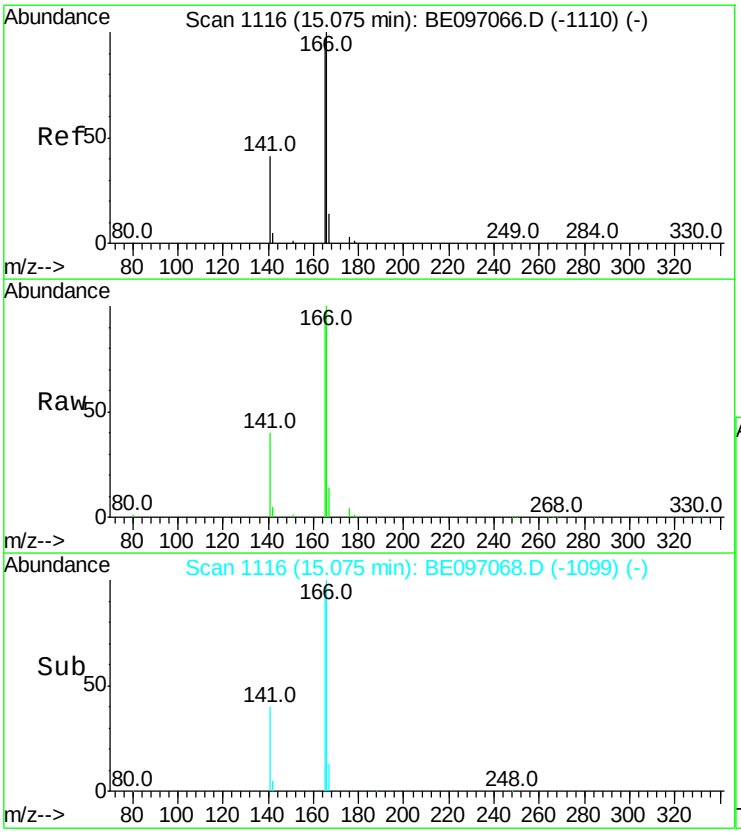
#17
Acenaphthene
Concen: 1.554 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 17981

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.2	133.8
152	62.0	42.0	63.0

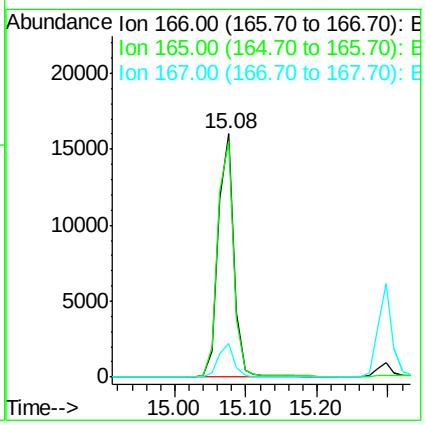


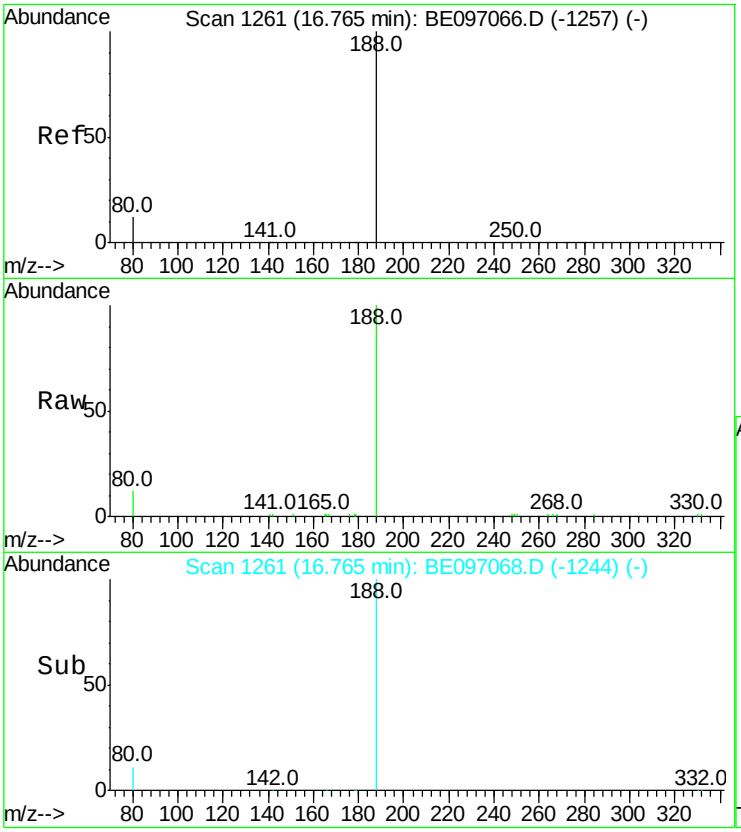


#18
Fluorene
Concen: 1.850 ng
RT: 15.08 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:166 Resp: 24027

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.8	116.6
167	13.3	42.4	63.6#



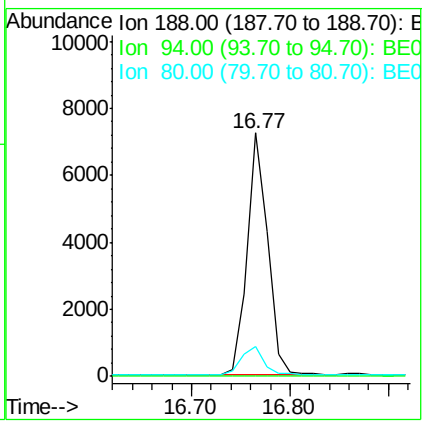


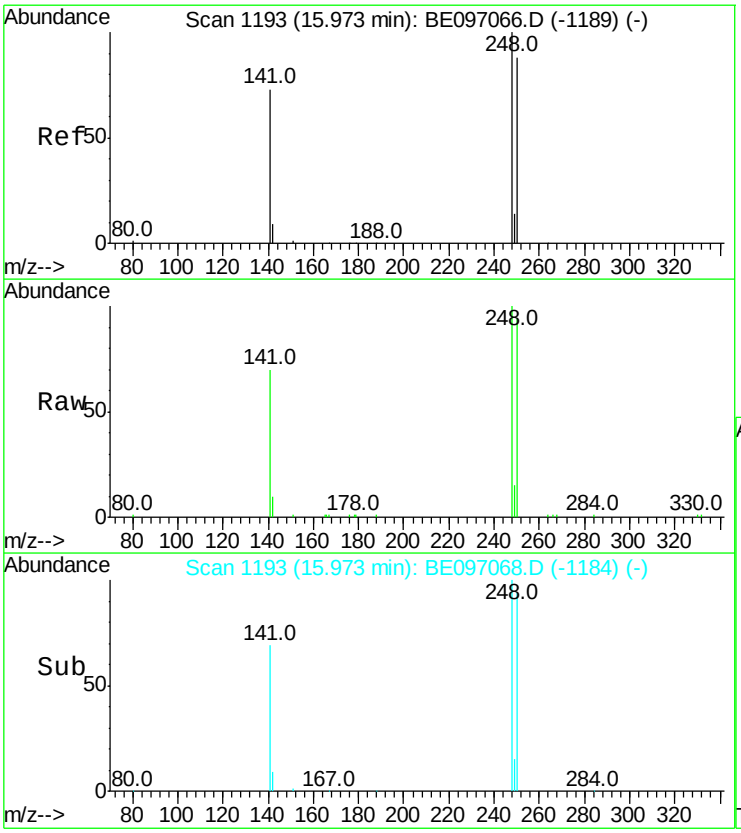
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10415

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.2	3.6	5.4#

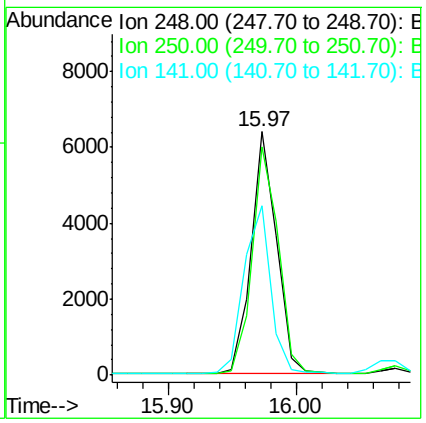


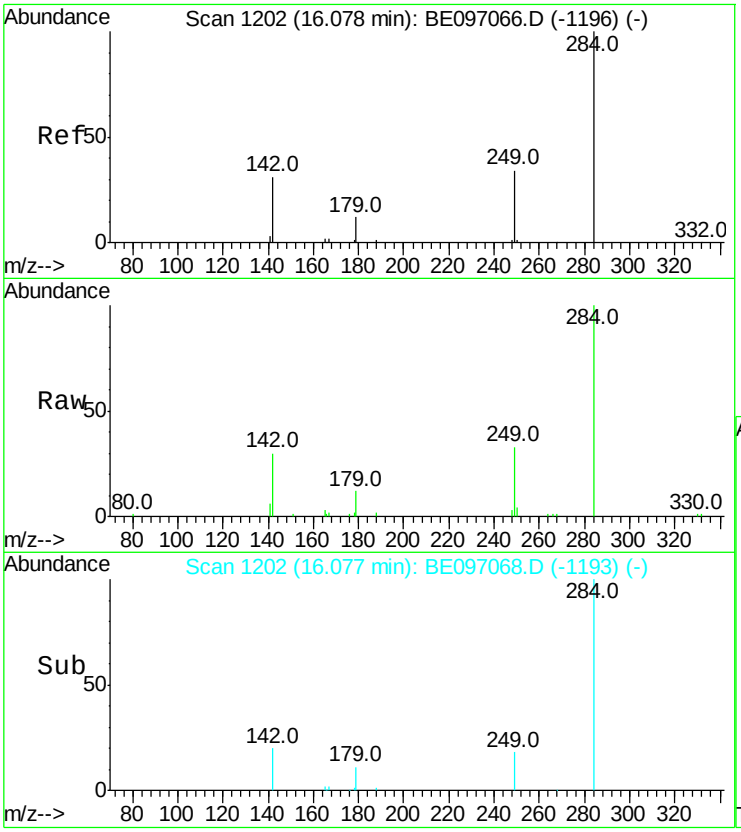


#20
4-Bromophenyl-phenylether
Concen: 1.785 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:248 Resp: 8792

Ion	Ratio	Lower	Upper
248	100		
250	93.6	62.7	94.1
141	69.7	48.2	72.2



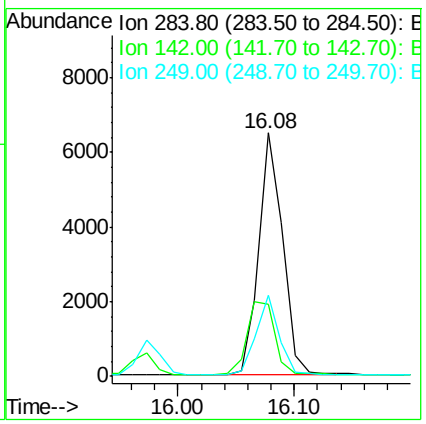


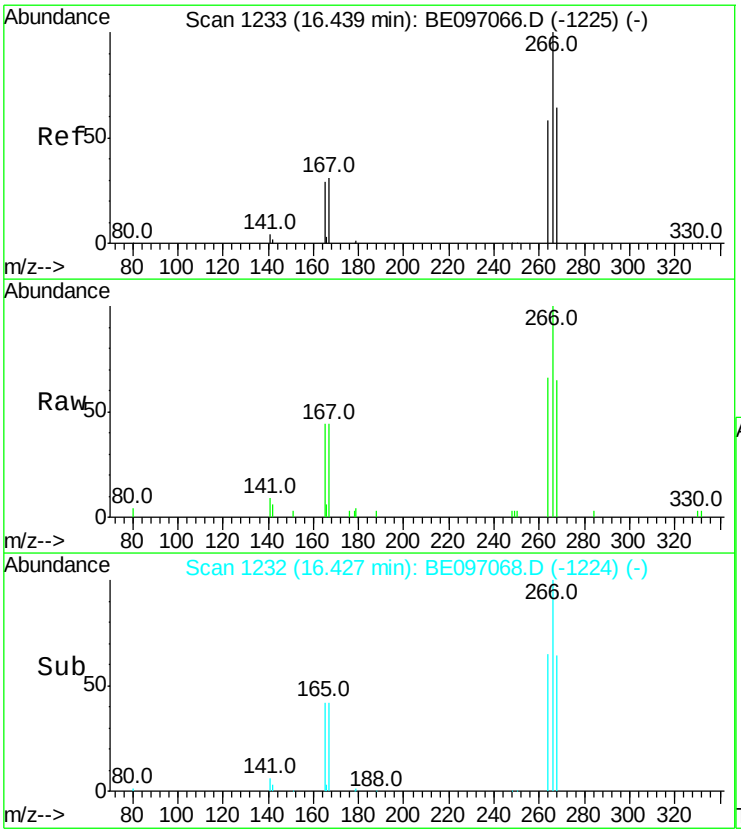
#21
Hexachlorobenzene
Concen: 1.702 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9309

Ion	Ratio	Lower	Upper
284	100		
142	34.8	22.1	33.1#
249	31.2	34.8	52.2#

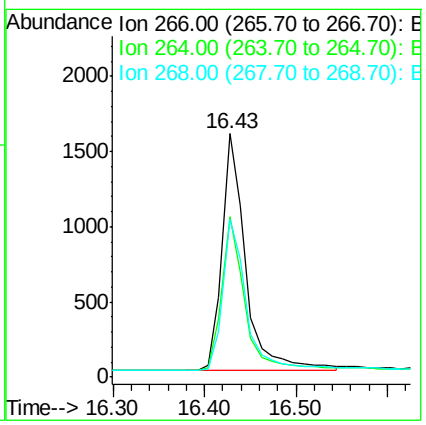


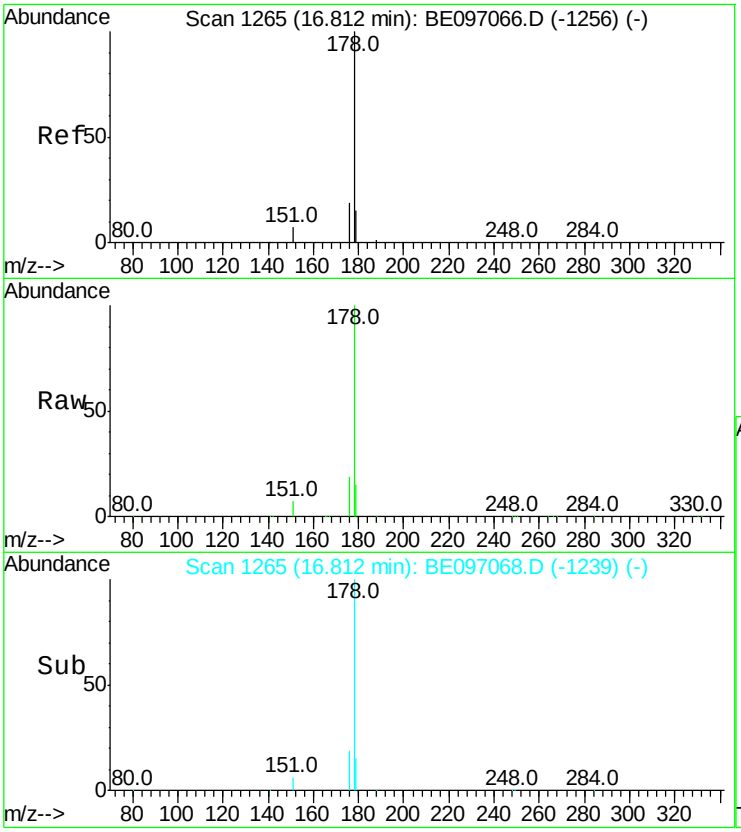


#22
Pentachlorophenol
Concen: 3.130 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:266 Resp: 2809

Ion	Ratio	Lower	Upper
266	100		
264	65.7	72.5	108.7#
268	65.0	73.8	110.6#



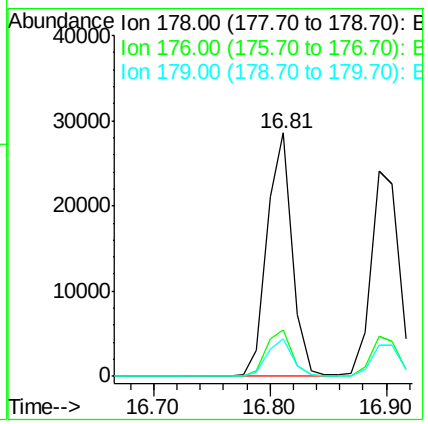


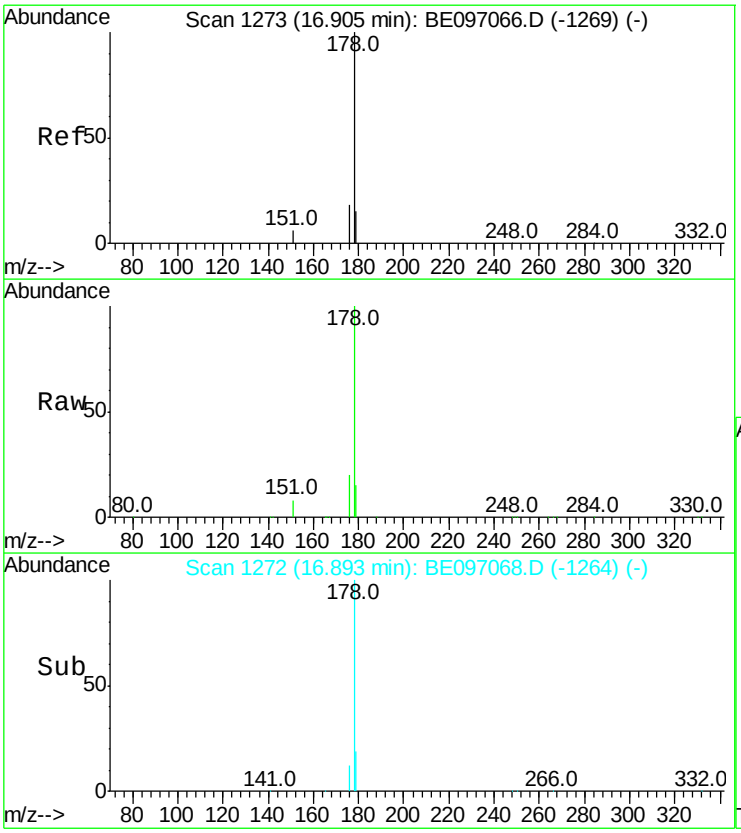
#23
Phenanthrene
Concen: 1.706 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 42549

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.1	11.8	17.6

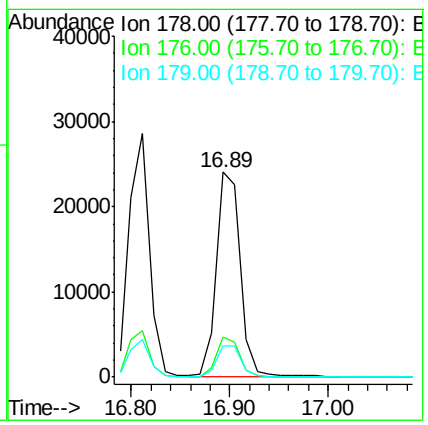


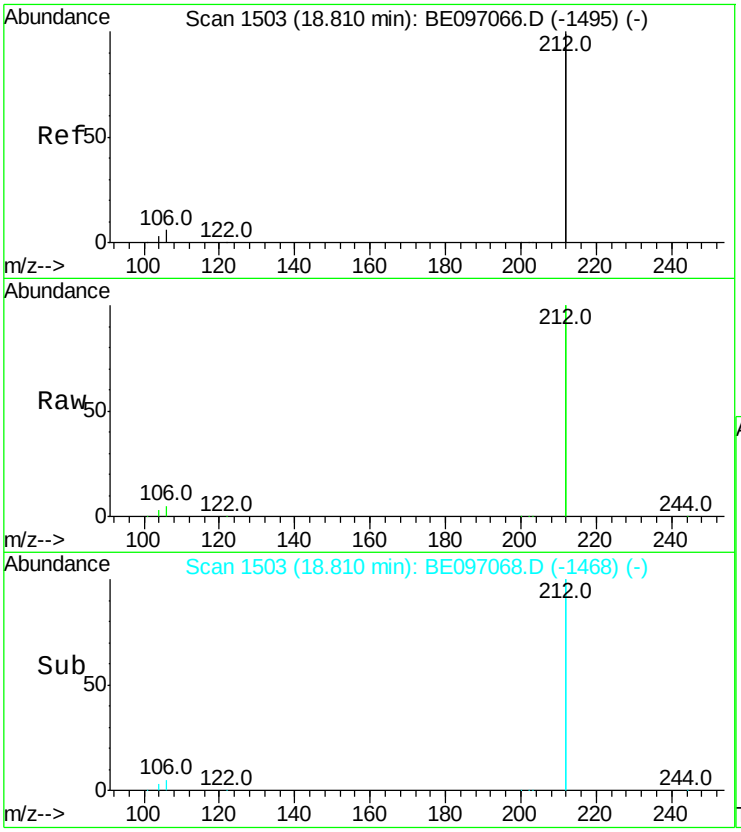


#24
Anthracene
Concen: 1.839 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:178 Resp: 39906

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.4	13.0	19.6



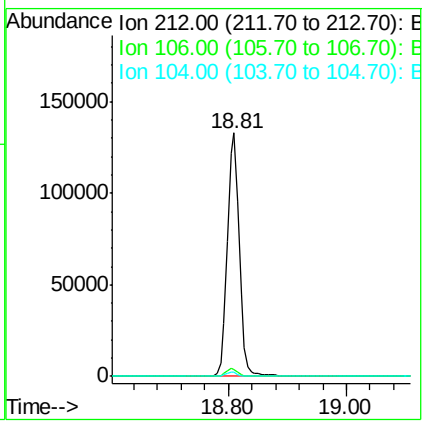


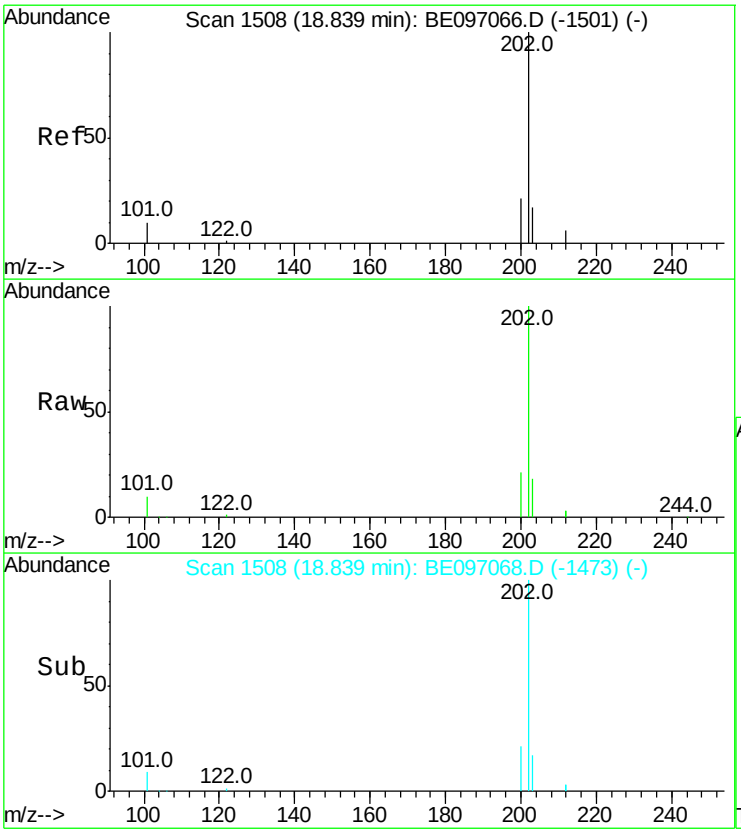
#25
Fluoranthene-d10
Concen: 2.043 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 185176

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

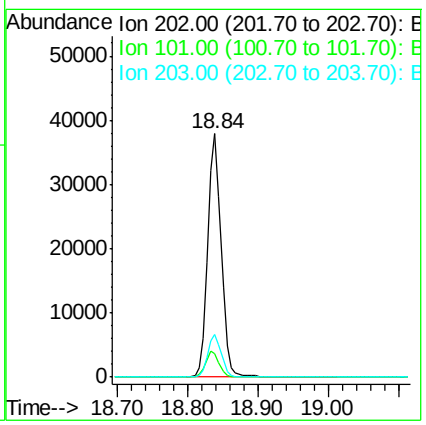


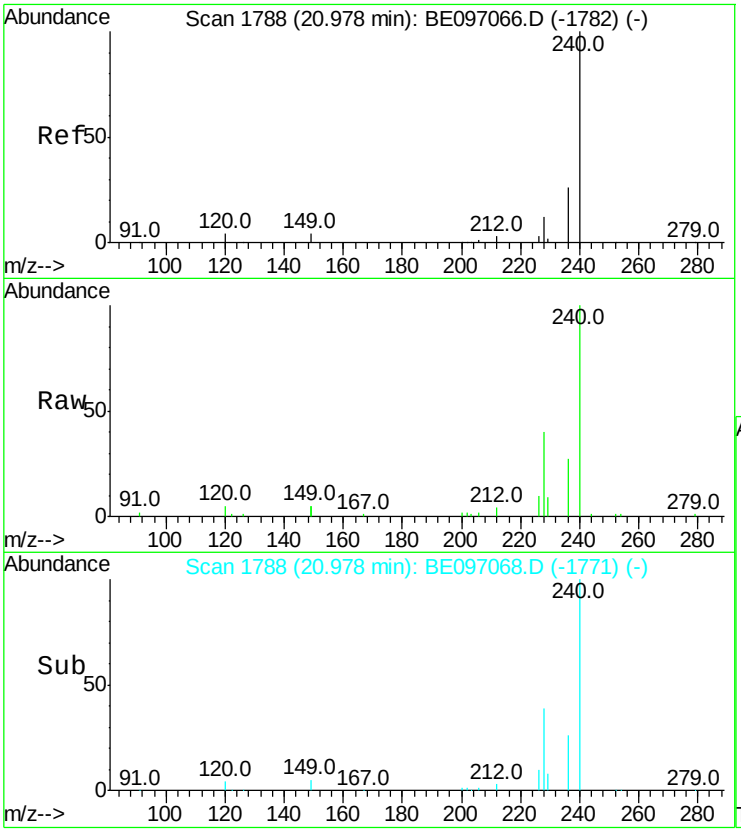


#26
Fluoranthene
Concen: 1.905 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:202 Resp: 50123

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.8	14.8
203	17.5	13.7	20.5



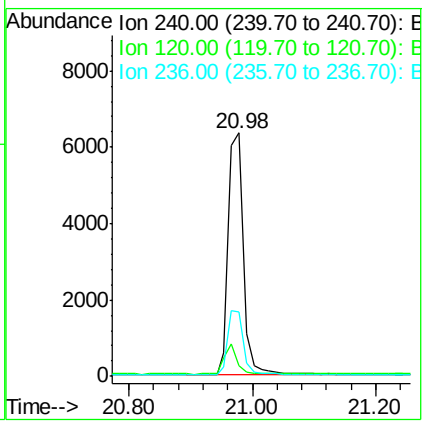


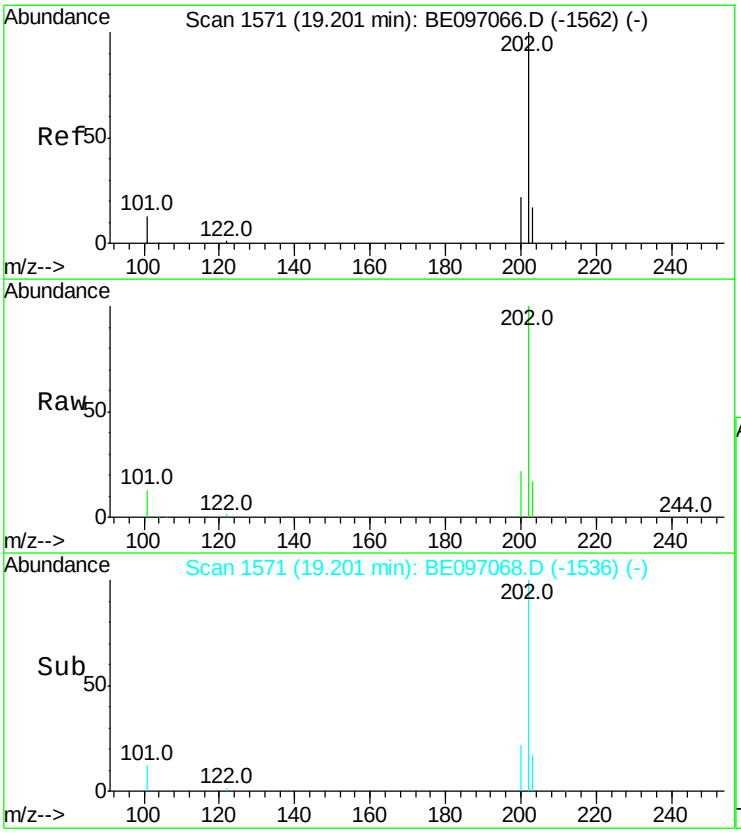
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10640

Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.5	8.3#
236	26.7	20.7	31.1

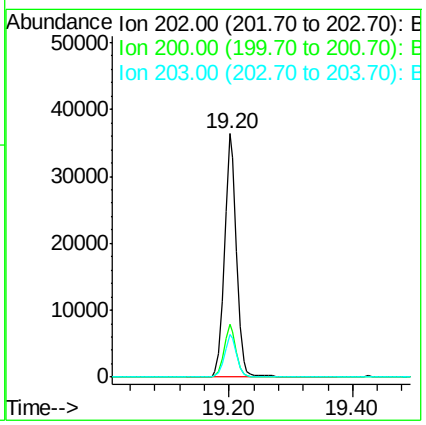


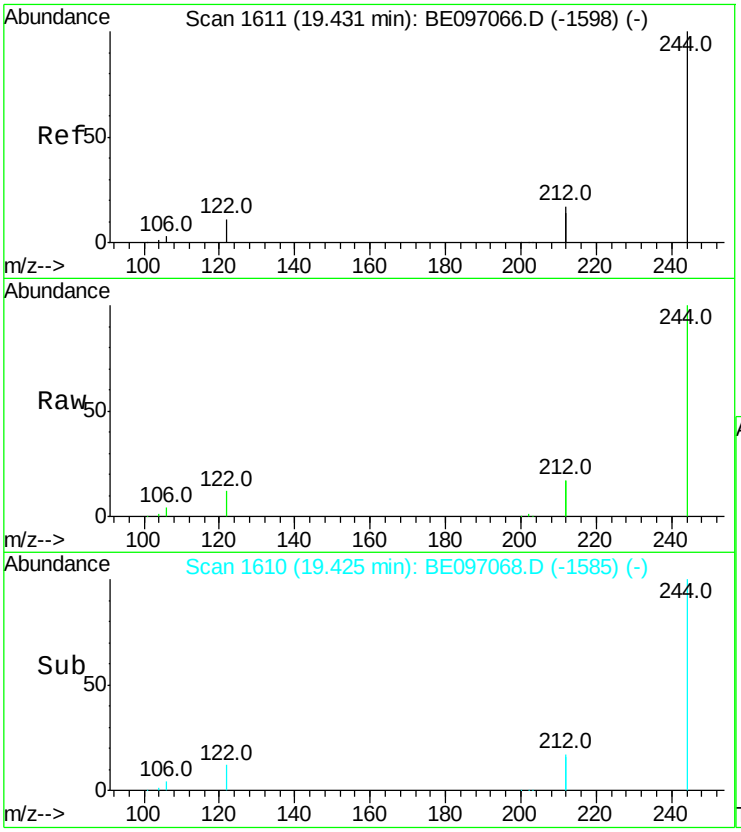


#28
Pyrene
Concen: 1.548 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:202 Resp: 48607

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	17.5	13.8	20.8



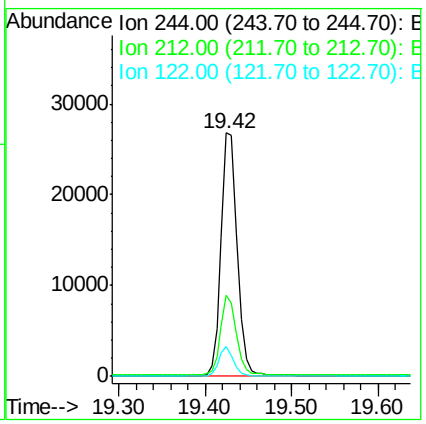


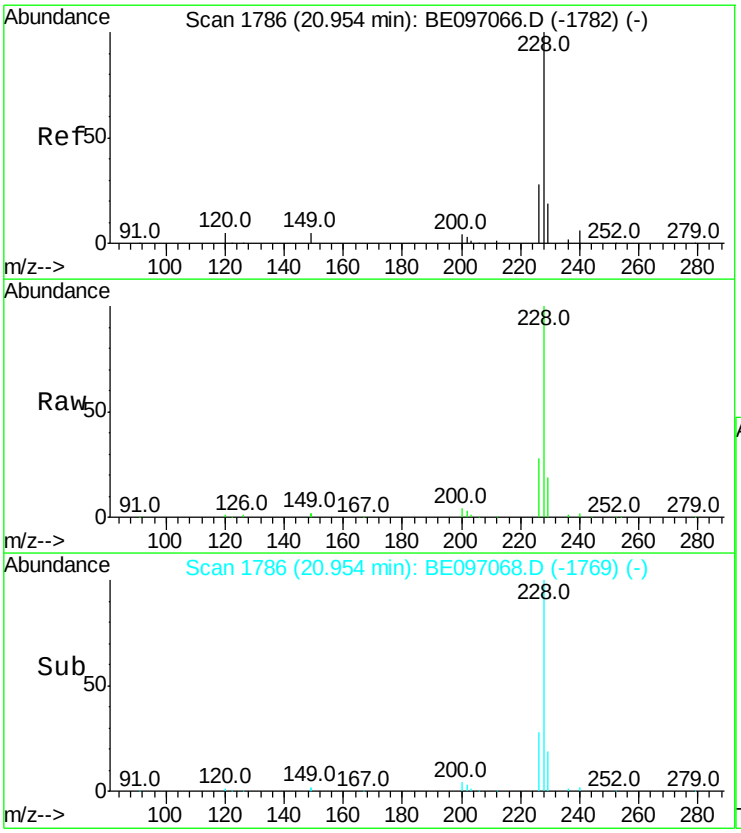
#29
Terphenyl-d14
Concen: 1.696 ng
RT: 19.42 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 34807

Ion	Ratio	Lower	Upper
244	100		
212	33.2	25.4	38.0
122	12.2	8.1	12.1#

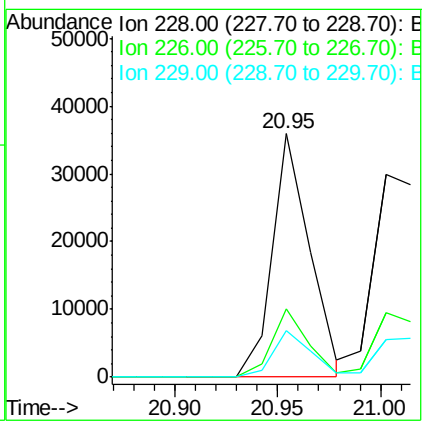


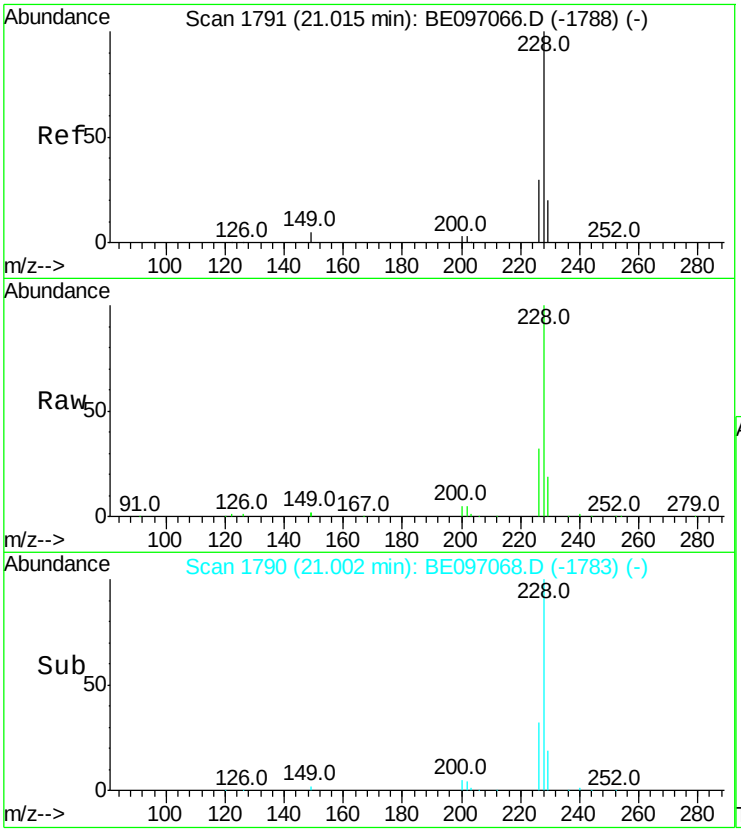


#30
Benzo(a)anthracene
Concen: 1.800 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:228 Resp: 45594

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	19.2	16.0	24.0



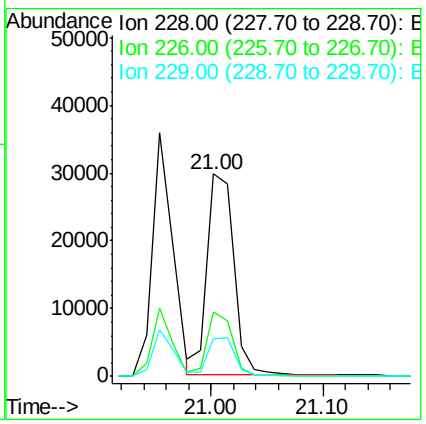


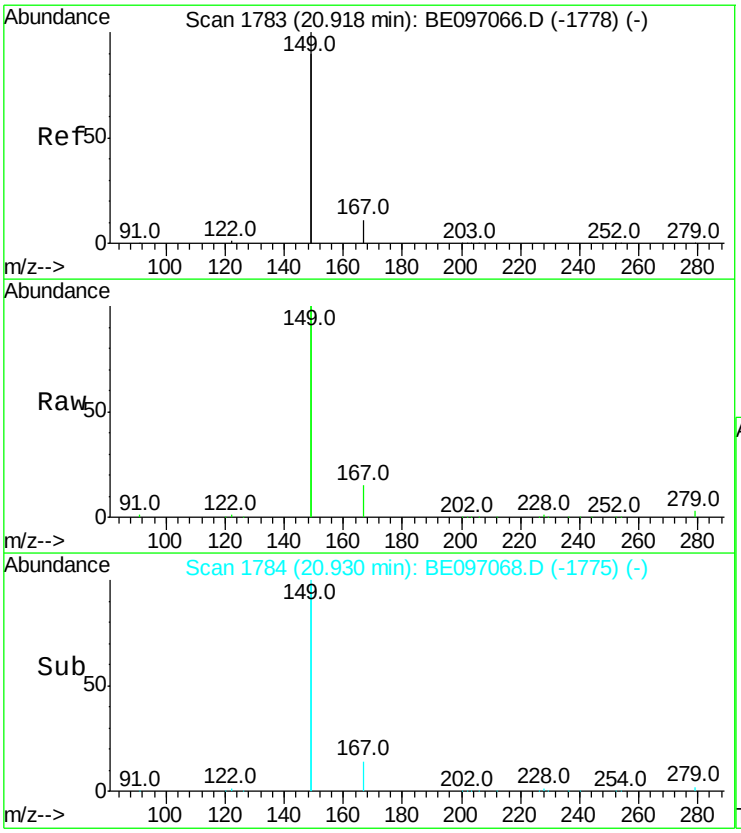
#31
Chrysene
Concen: 1.717 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 48803

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	18.7	16.0	24.0

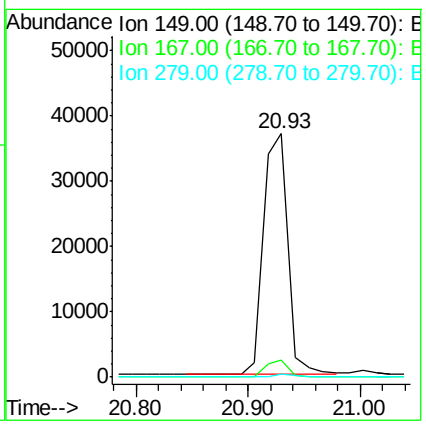


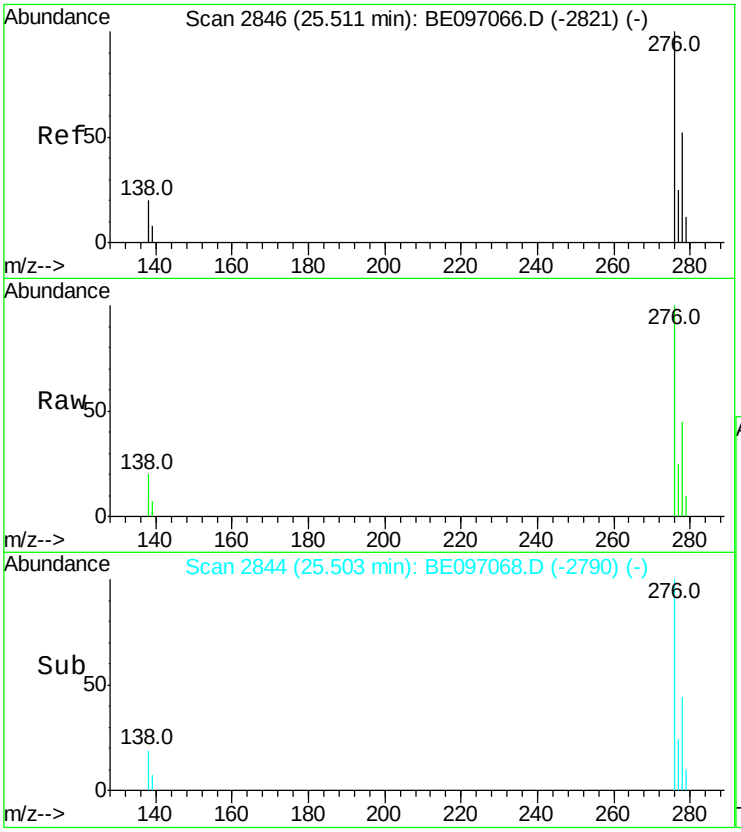


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.200 ng
RT: 20.93 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:149 Resp: 55638

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



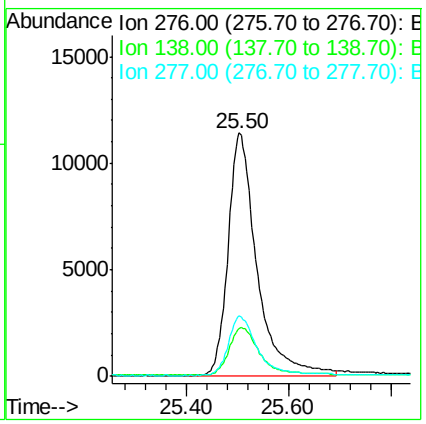


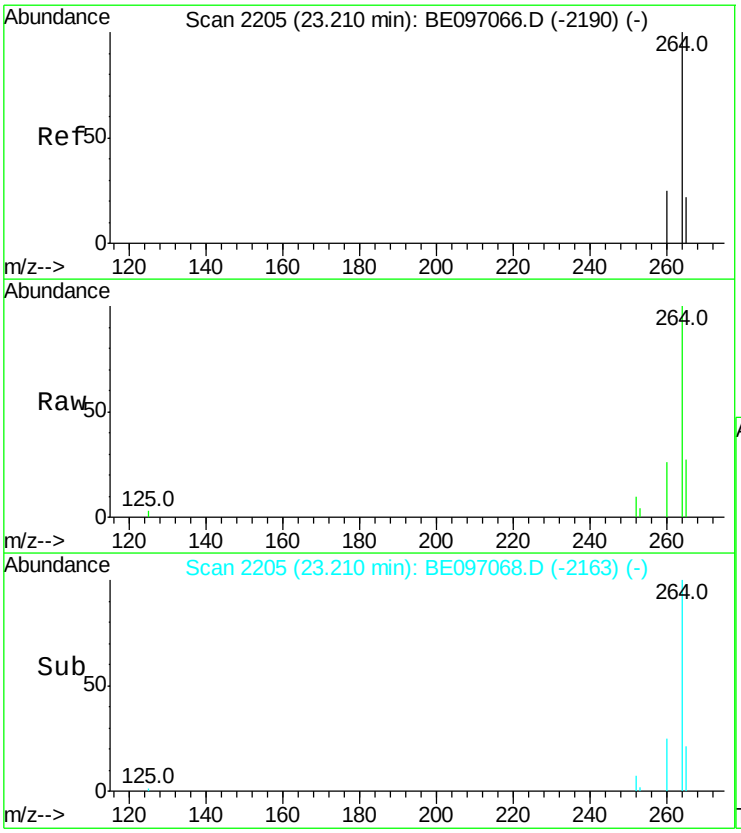
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.148 ng
RT: 25.50 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 44463

Ion	Ratio	Lower	Upper
276	100		
138	21.0	22.5	33.7#
277	24.9	19.9	29.9

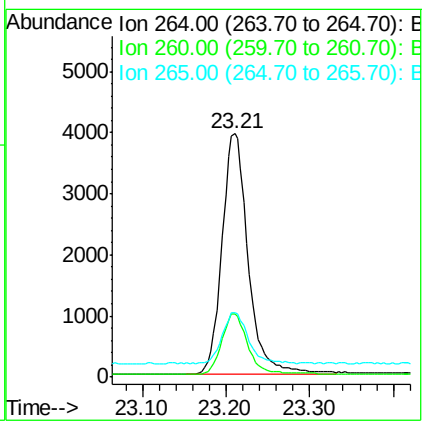


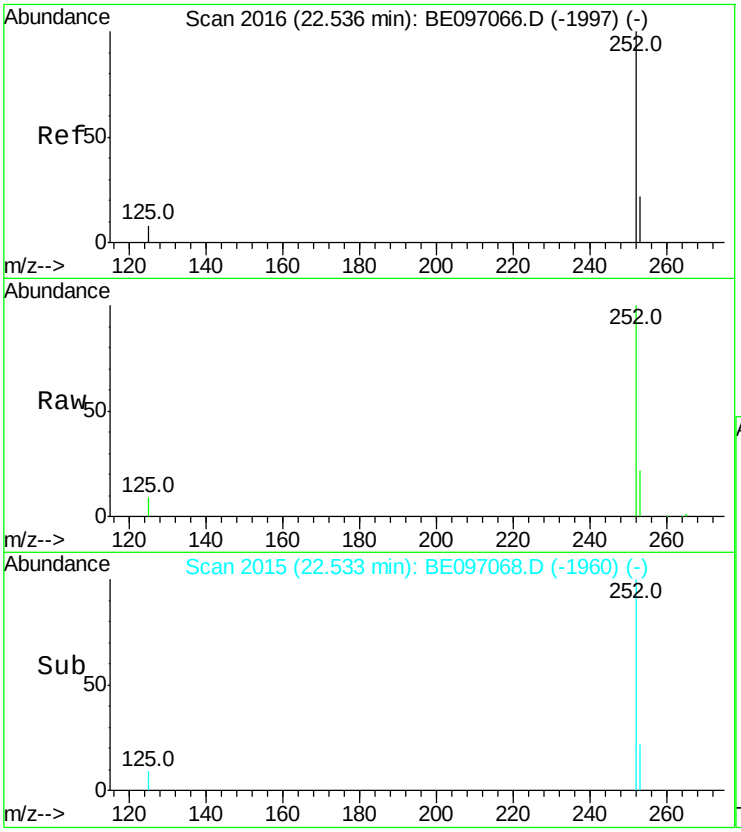


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:264 Resp: 8522

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	26.7	22.8	34.2



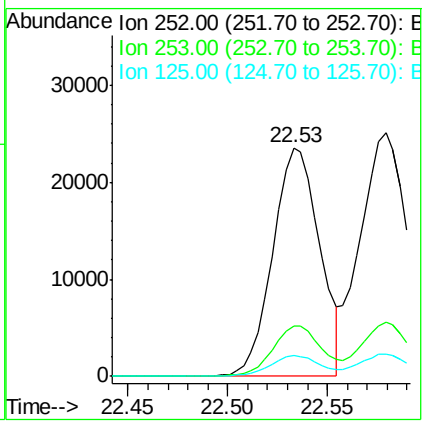


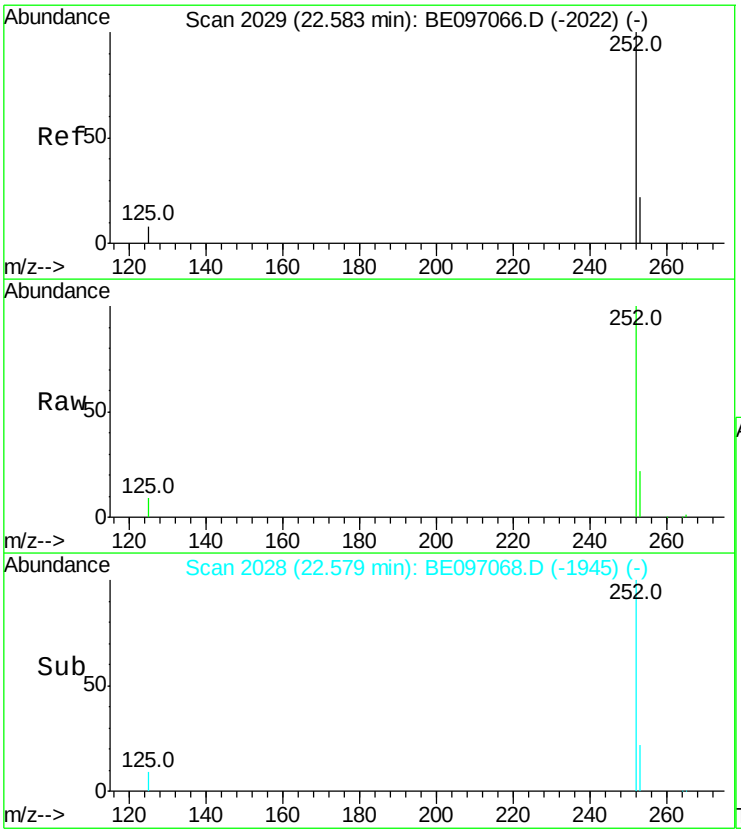
#35
Benzo(b)fluoranthene
Concen: 1.754 ng
RT: 22.53 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38149

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.0	30.0
125	9.2	16.0	24.0#

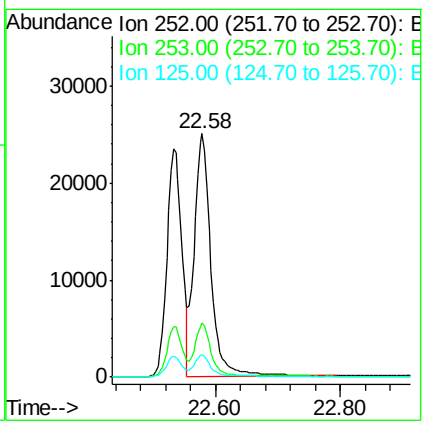


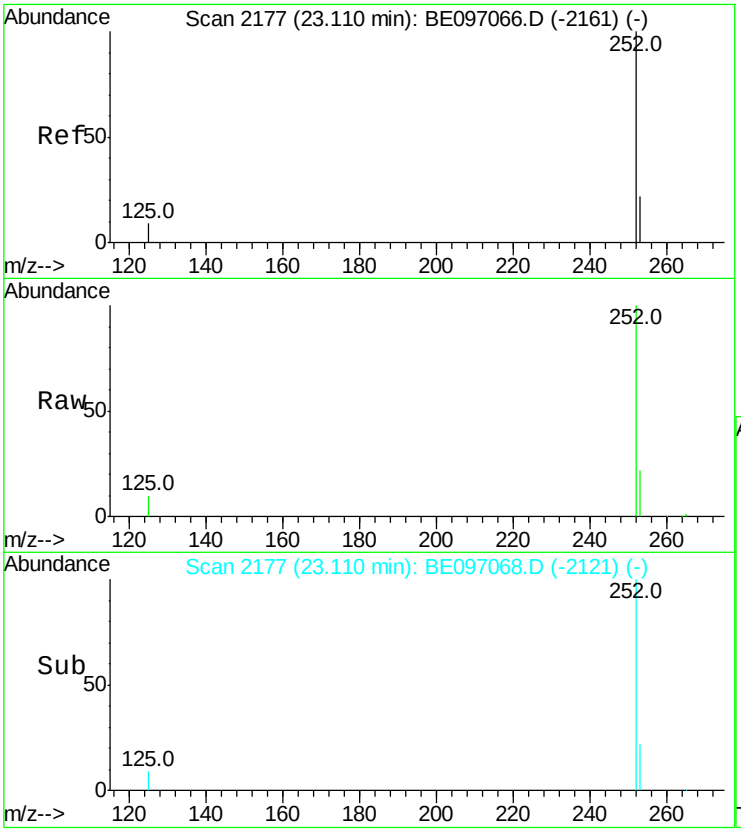


#36
Benzo(k)fluoranthene
Concen: 1.794 ng
RT: 22.58 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:252 Resp: 46419

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.0	24.0
125	9.2	8.0	12.0



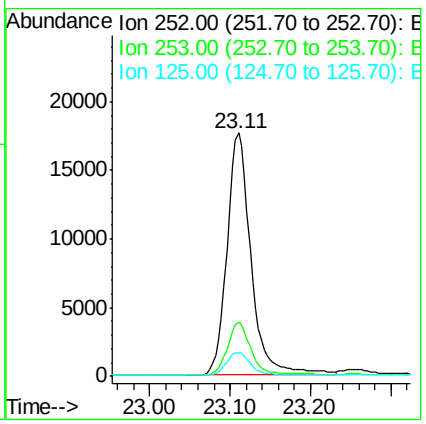


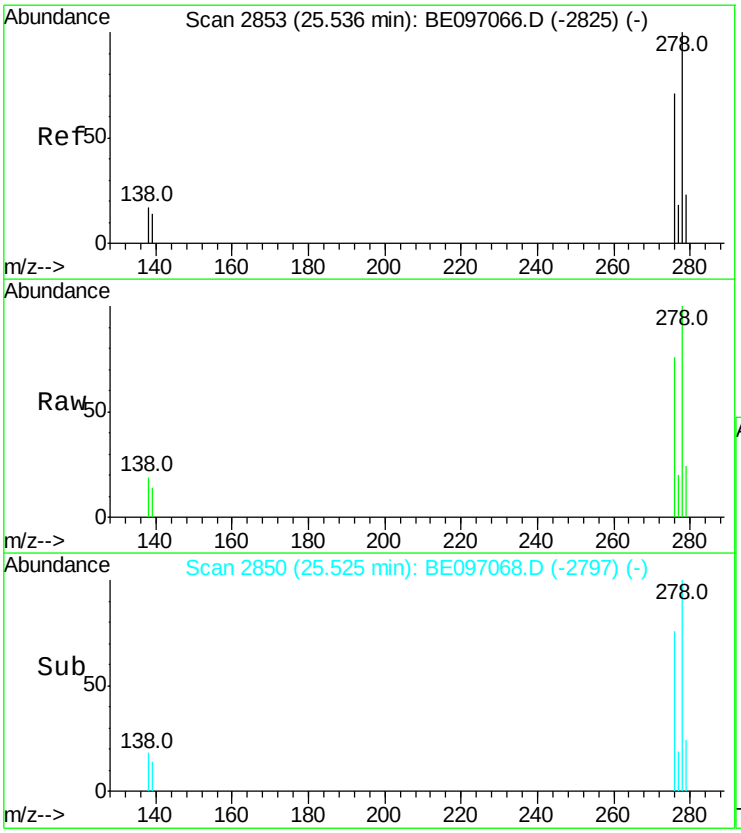
#37
Benzo(a)pyrene
Concen: 1.882 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36610

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.0	24.0
125	9.9	12.0	18.0#

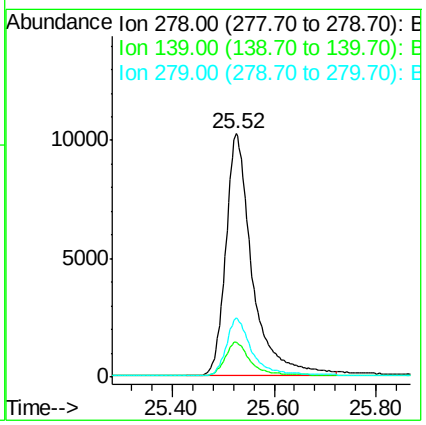


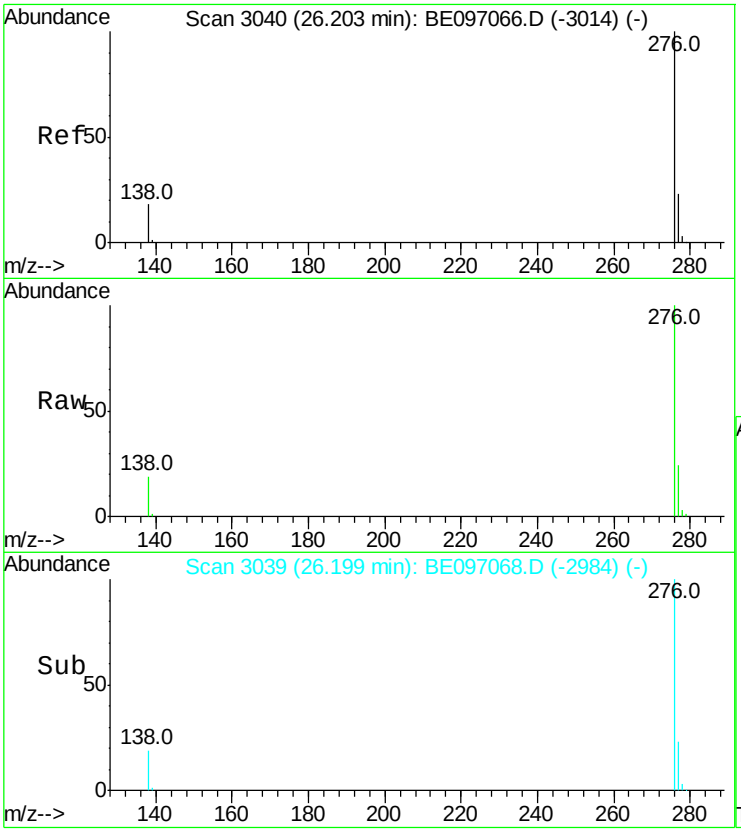


#38
Dibenzo(a,h)anthracene
Concen: 2.336 ng
RT: 25.52 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Tgt Ion:278 Resp: 37114

Ion	Ratio	Lower	Upper
278	100		
139	14.2	16.0	24.0#
279	24.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 2.157 ng
RT: 26.20 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BE097068.D
Acq: 24 Jul 2018 11:20

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 38146

Ion	Ratio	Lower	Upper
276	100		
277	23.8	16.0	24.0
138	19.0	20.0	30.0#