Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
Data File : BE097107.D
Acq On : 26 Jul 2018 17:51
Operator : SJ/JU
Sample : PB111184BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 27 03:26:29 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 13:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1157	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	5668	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3526	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	9363	0.40	ng		0.00
27) Chrysene-d12	20.98	240	7932	0.40	ng		0.00
34) Perylene-d12	23.21	264	6652	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1111	0.34	ng		0.00
5) Phenol-d6	6.60	99	1618	0.34	ng		0.00
8) Nitrobenzene-d5	8.52	82	1903	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3292	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	360	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	5024	0.41	ng		0.00
25) Fluoranthene-d10	18.81	212	34642	0.37	ng		0.00
29) Terphenyl-d14	19.43	244	6264	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	761	0.414	ng	#	91
3) n-Nitrosodimethylamine	3.38	42	835	0.406	ng	#	86
6) bis(2-Chloroethyl)ether	6.84	93	1739	0.399	ng		96
9) Naphthalene	10.20	128	21248	0.418	ng		100
10) Hexachlorobutadiene	10.48	225	984	0.432	ng		98
12) 2-Methylnaphthalene	11.80	142	3471	0.398	ng		99
16) Acenaphthylene	13.73	152	6404	0.405	ng		100
17) Acenaphthene	14.08	154	3693	0.401	ng	#	90
18) Fluorene	15.07	166	4775	0.393	ng	#	78
20) 4-Bromophenyl-phenylether	15.97	248	1836	0.404	ng		85
21) Hexachlorobenzene	16.08	284	2157	0.442	ng	#	84
22) Pentachlorophenol	16.44	266	337	0.312	ng		81
23) Phenanthrene	16.81	178	9137	0.409	ng		99
24) Anthracene	16.90	178	7524	0.377	ng		95
26) Fluoranthene	18.84	202	9652	0.385	ng		99
28) Pyrene	19.20	202	8957	0.412	ng		99
30) Benzo(a)anthracene	20.95	228	6698	0.339	ng		99
31) Chrysene	21.00	228	9012	0.426	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	6135	0.297	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	6398	0.334	ng	#	92
35) Benzo(b)fluoranthene	22.54	252	5817	0.345	ng	#	89
36) Benzo(k)fluoranthene	22.54	252	5817	0.295	ng		95
37) Benzo(a)pyrene	23.11	252	5372	0.338	ng	#	92
38) Dibenzo(a,h)anthracene	25.54	278	5250	0.331	ng		98
39) Benzo(g,h,i)perylene	26.21	276	5428	0.323	ng	#	89

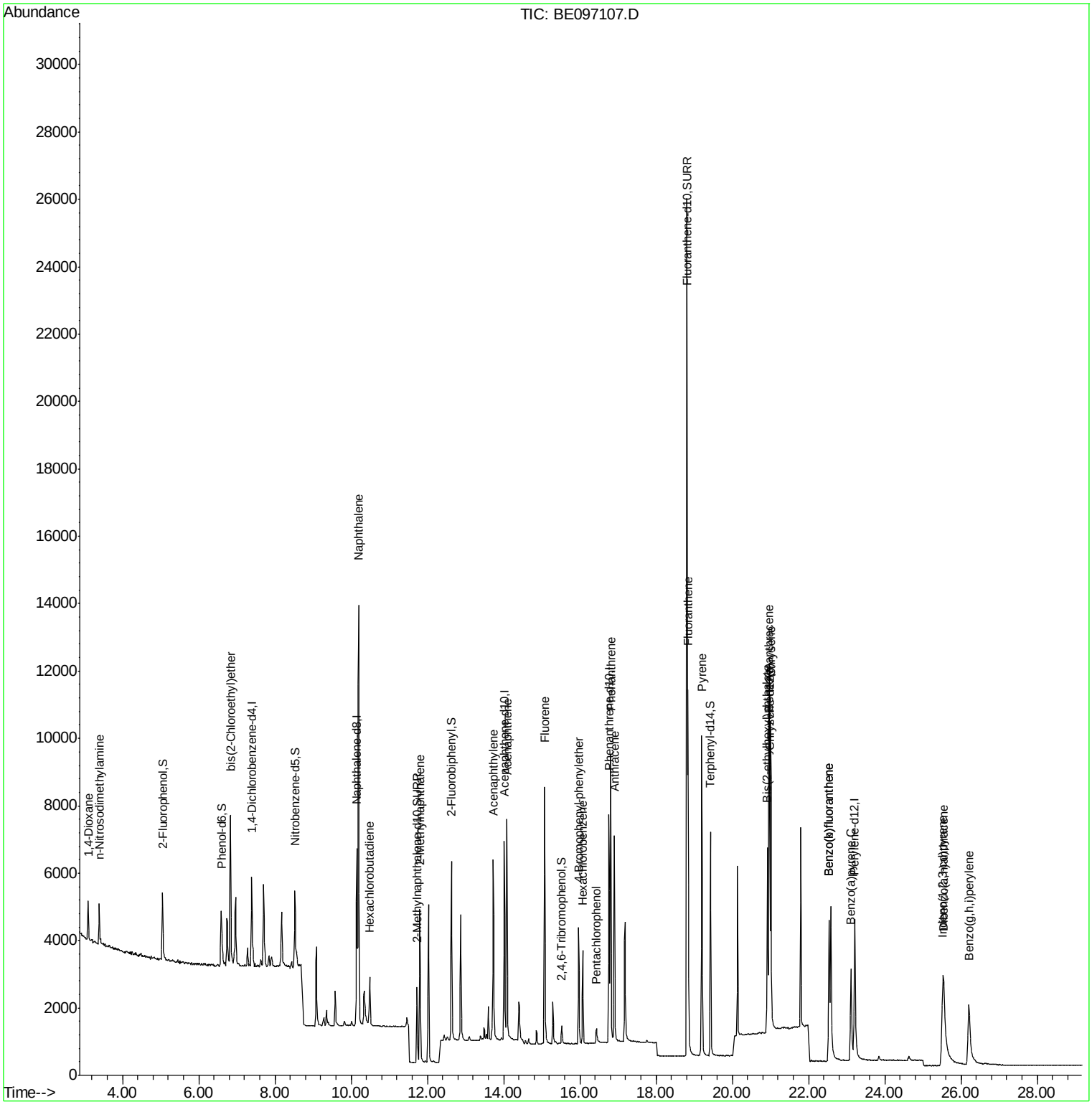
(#) = qualifier out of range (m) = manual integration (+) = signals summed

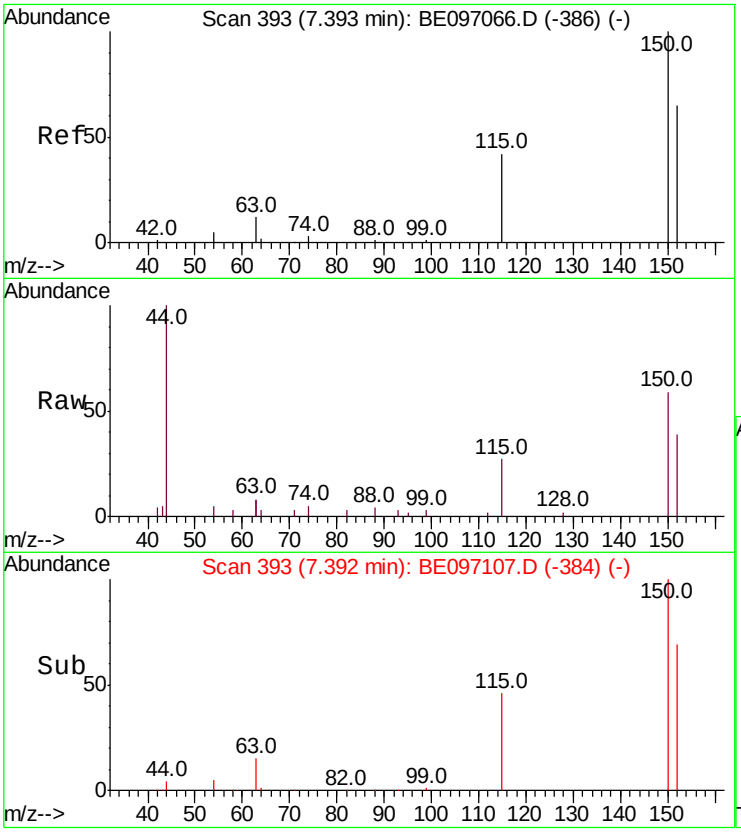
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
Data File : BE097107.D
Acq On : 26 Jul 2018 17:51
Operator : SJ/JU
Sample : PB111184BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 27 03:26:29 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 13:24:10 2018
Response via : Initial Calibration



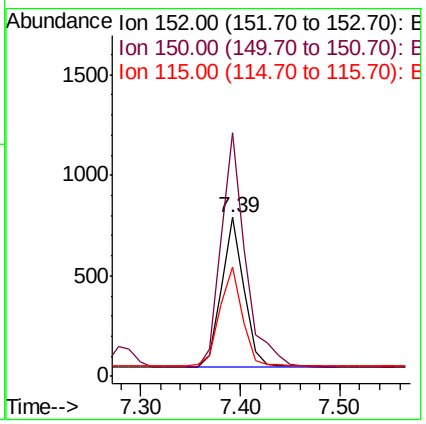


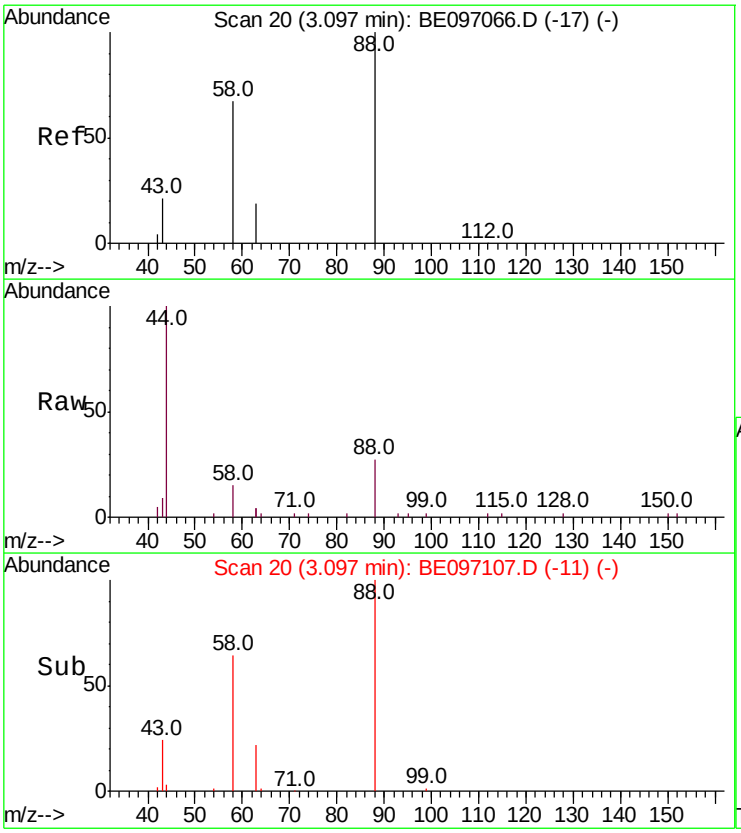
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1157

Ion	Ratio	Lower	Upper
152	100		
150	153.3	117.2	175.8
115	68.6	57.0	85.6

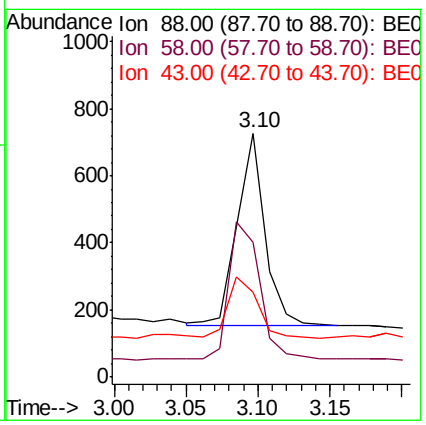


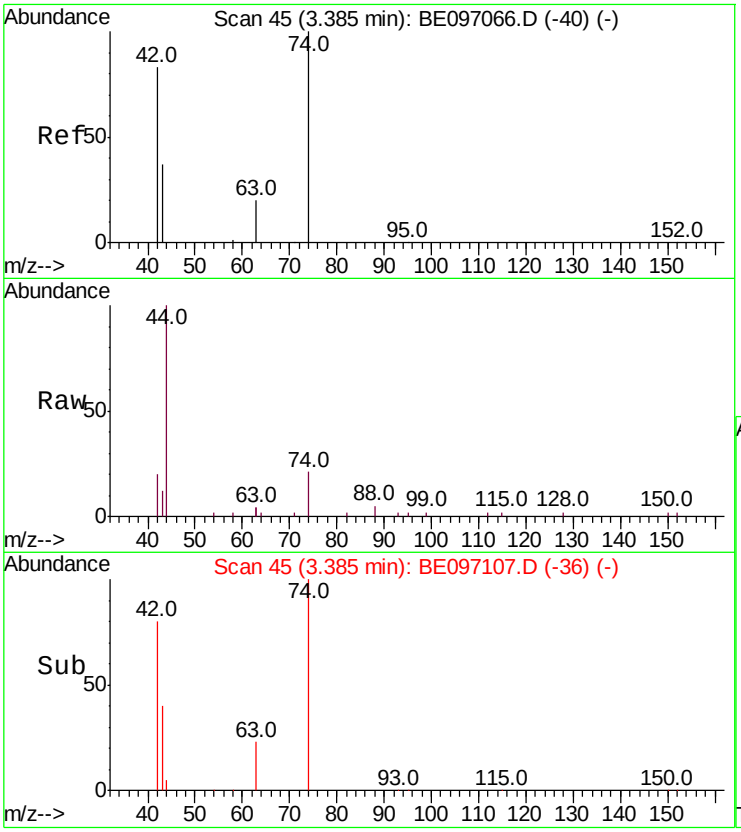


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion: 88 Resp: 761

Ion	Ratio	Lower	Upper
88	100		
58	80.2	63.2	94.8
43	37.7	41.2	61.8#



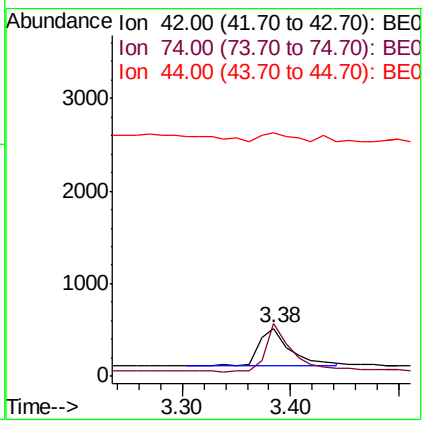


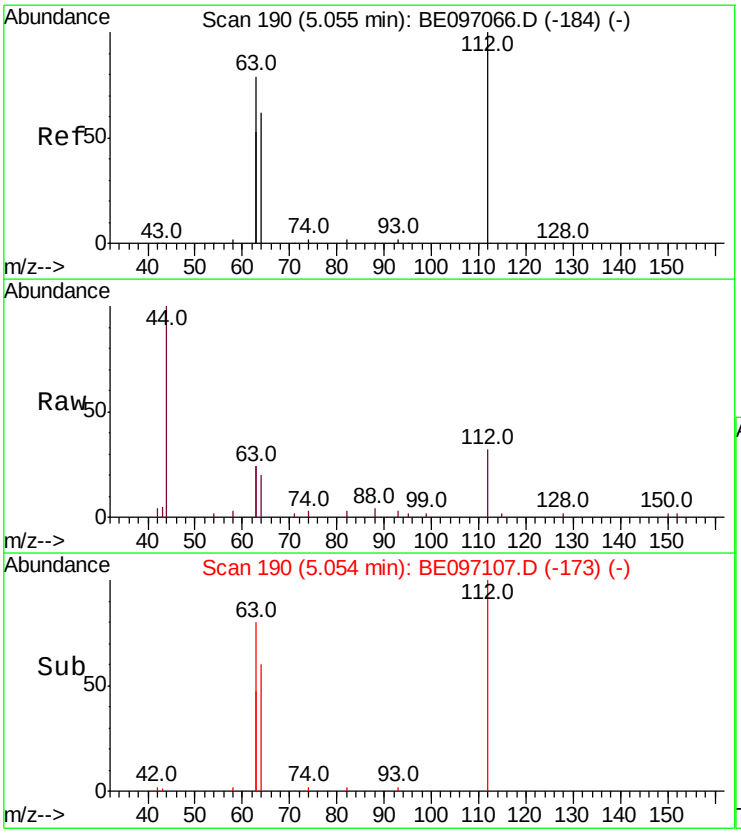
#3
n-Nitrosodimethylamine
Concen: 0.406 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 835

Ion	Ratio	Lower	Upper
42	100		
74	103.8	96.0	144.0
44	20.2	12.0	18.0#

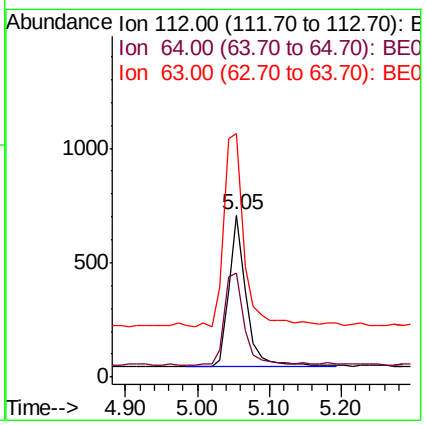


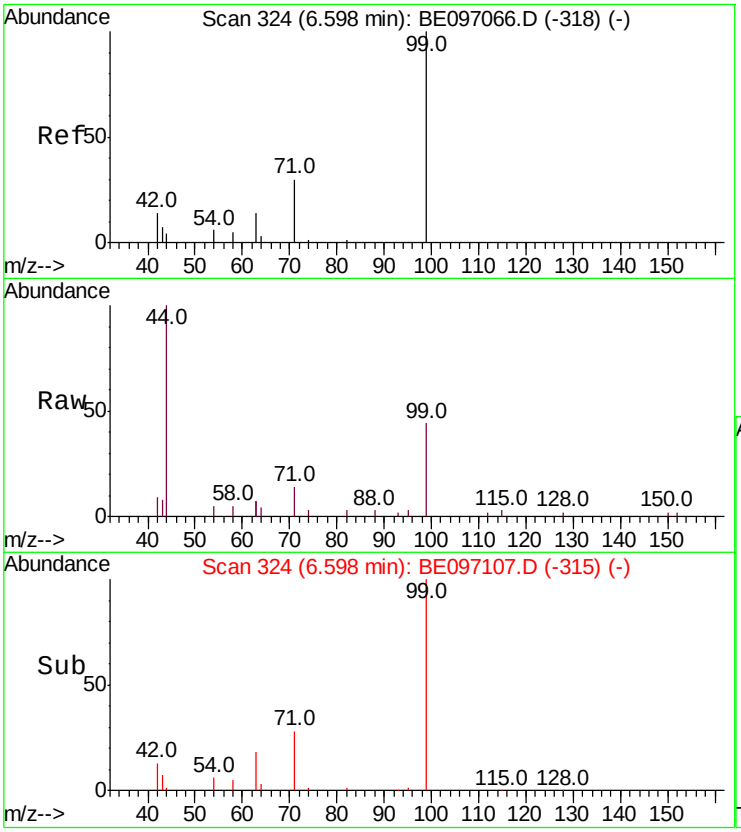


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:112 Resp: 1111

Ion	Ratio	Lower	Upper
112	100		
64	69.4	60.1	90.1
63	148.1	116.8	175.2



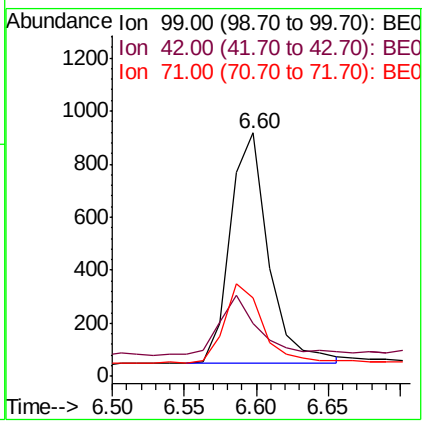


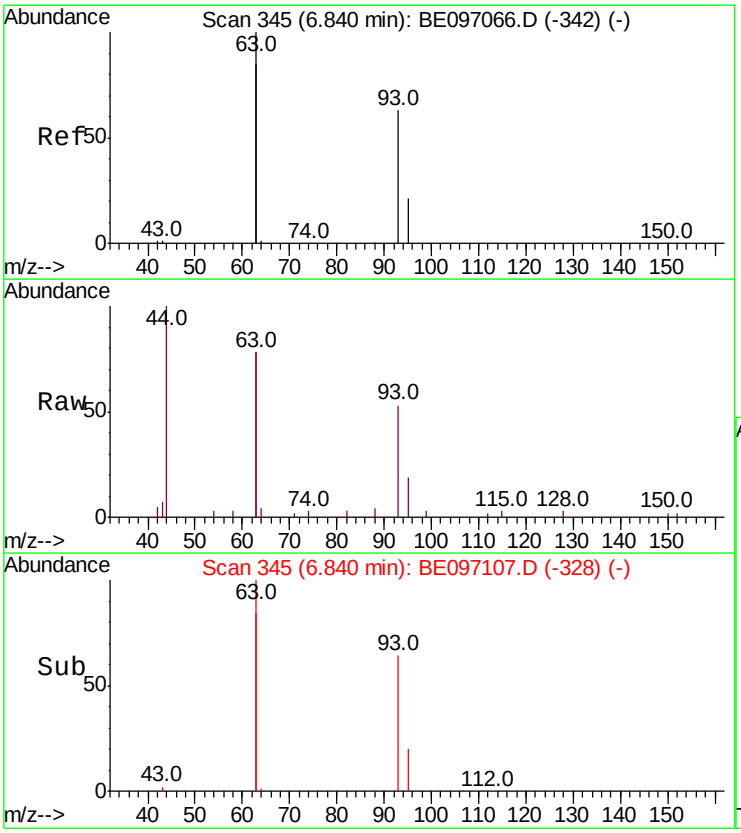
#5
Phenol-d6
Concen: 0.339 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1618

Ion	Ratio	Lower	Upper
99	100		
42	26.3	20.2	30.2
71	34.9	28.4	42.6

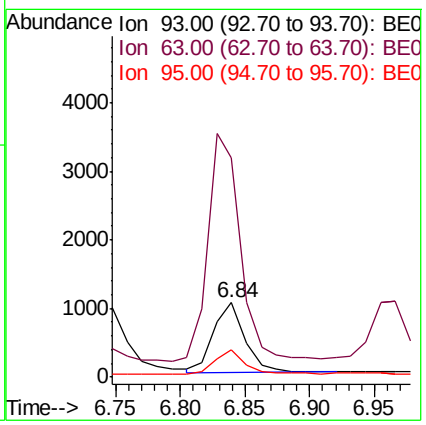


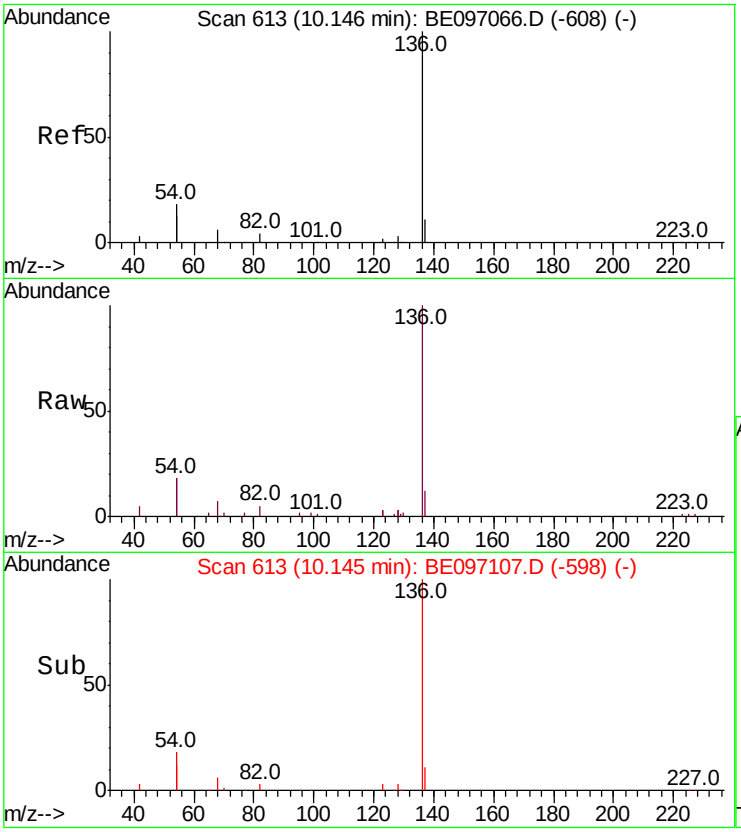


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion: 93 Resp: 1739

Ion	Ratio	Lower	Upper
93	100		
63	334.7	275.3	412.9
95	30.8	25.2	37.8



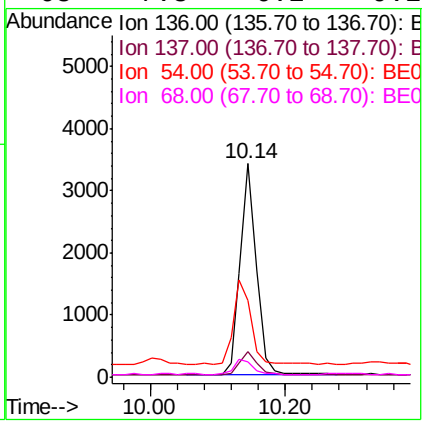


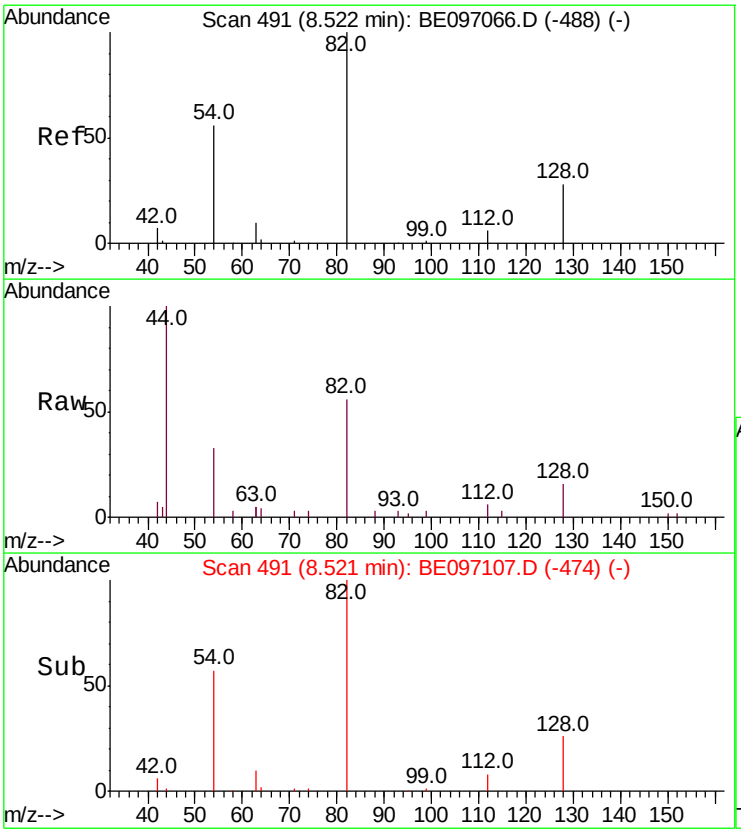
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5668

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.5	14.3
54	35.8	29.1	43.7
68	7.3	6.2	9.2

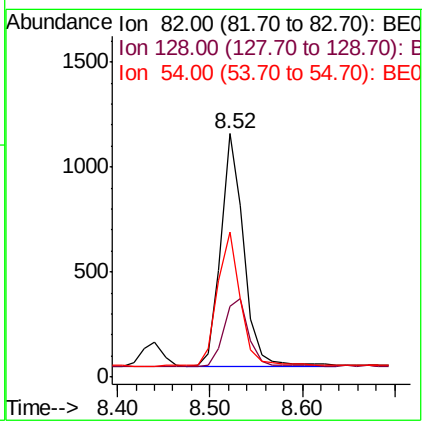


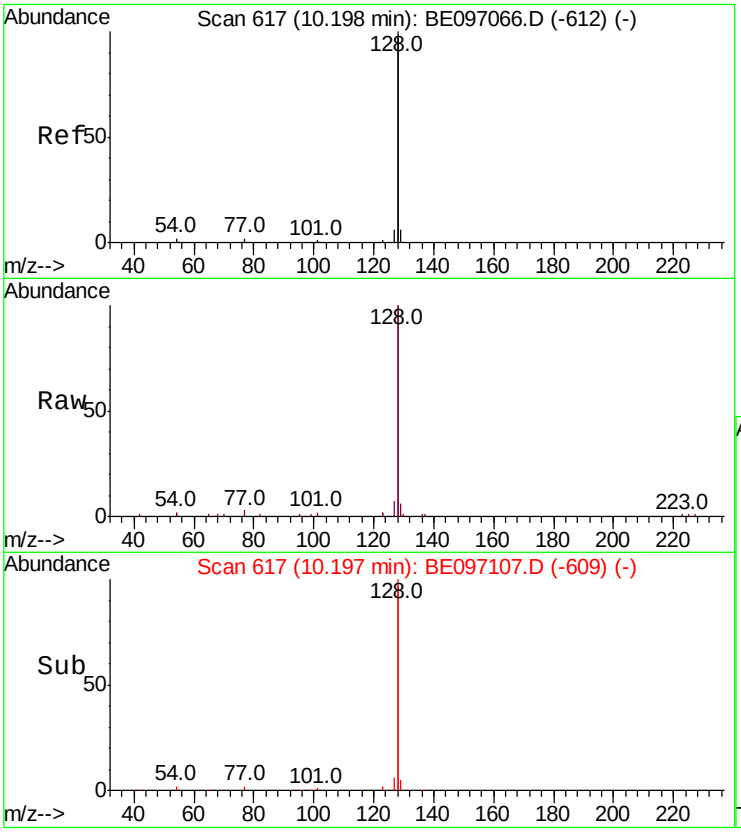


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion: 82 Resp: 1903

Ion	Ratio	Lower	Upper
82	100		
128	29.2	24.0	36.0
54	59.5	40.0	60.0



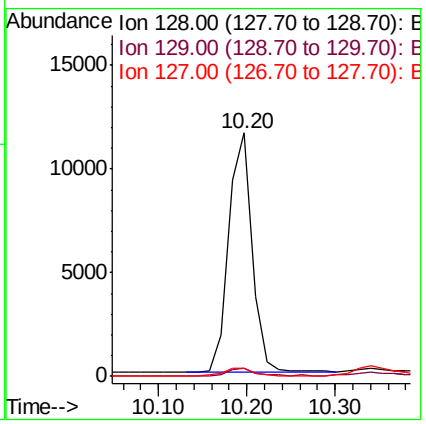


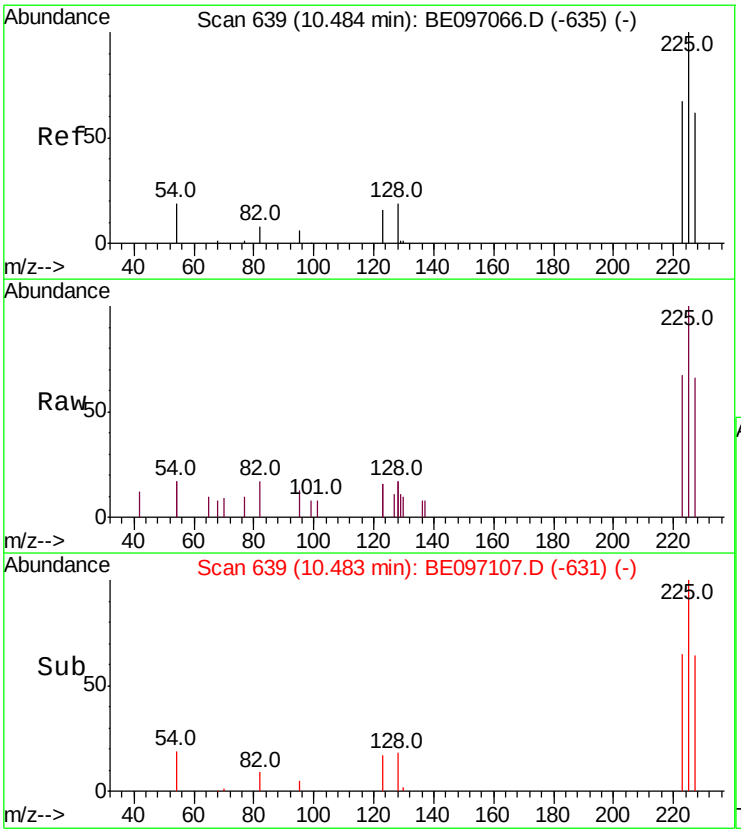
#9
Naphthalene
Concen: 0.418 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 21248

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.6	2.8	4.2

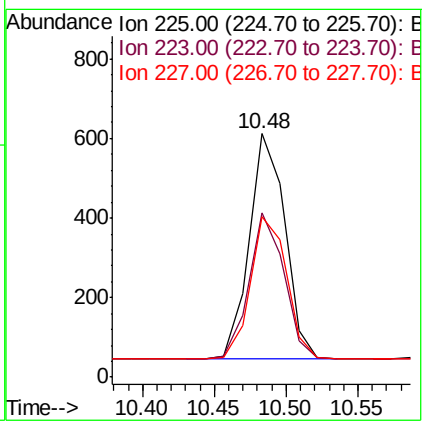


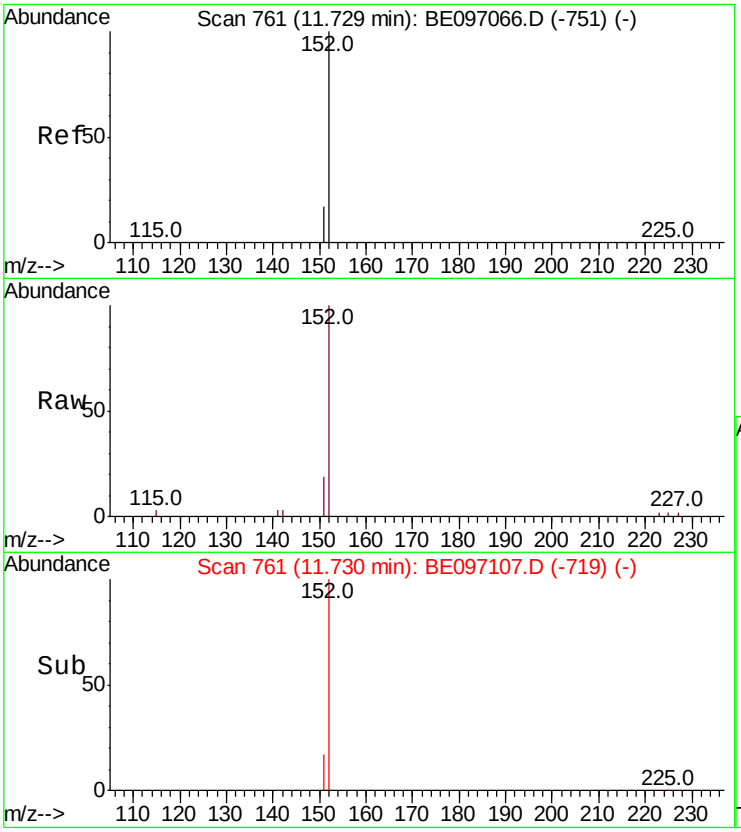


#10
Hexachlorobutadiene
Concen: 0.432 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:225 Resp: 984

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	64.6	51.4	77.2



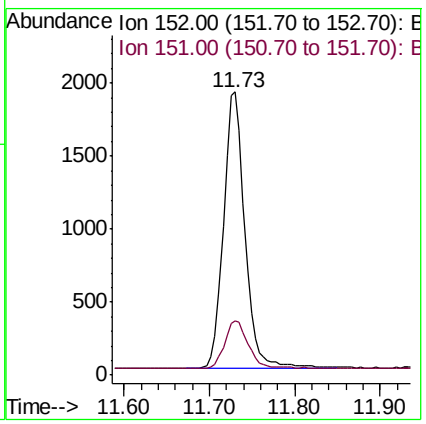


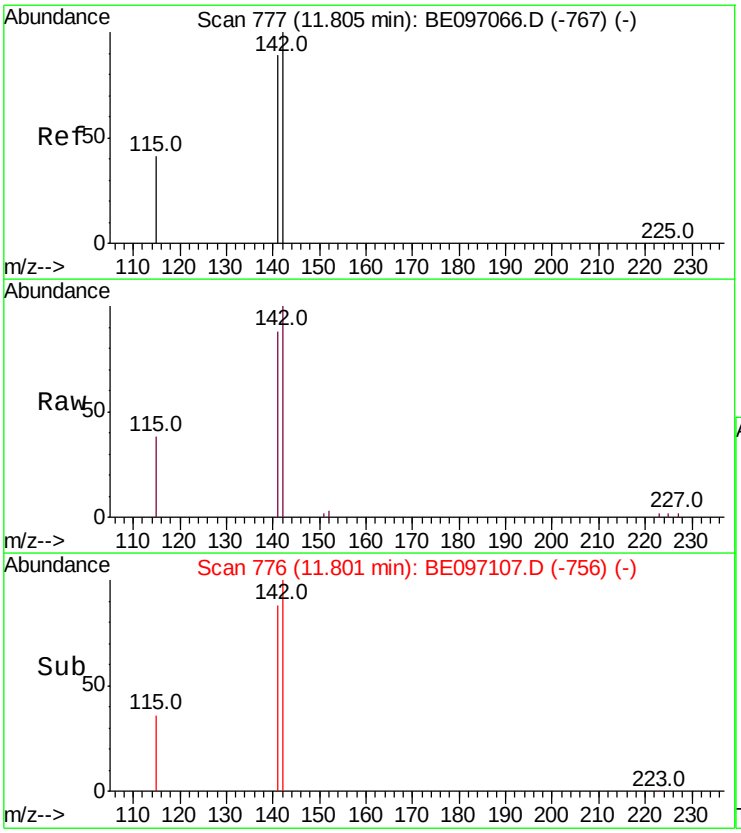
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3292

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.4	23.0

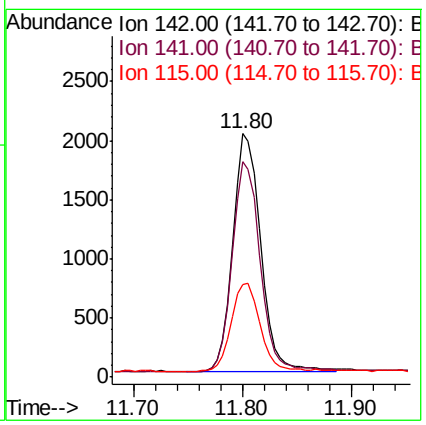


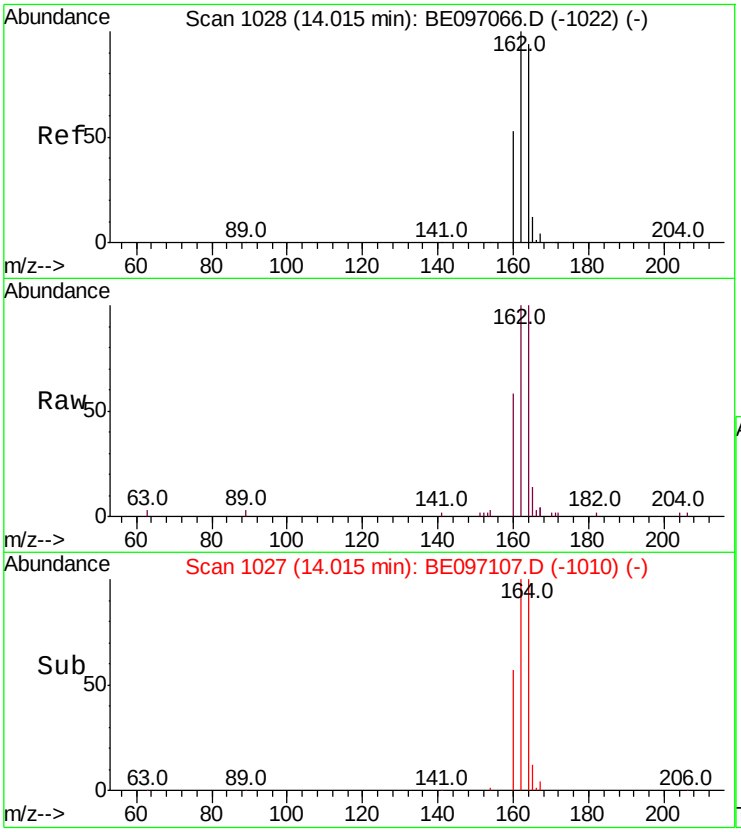


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:142 Resp: 3471

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	38.2	31.7	47.5



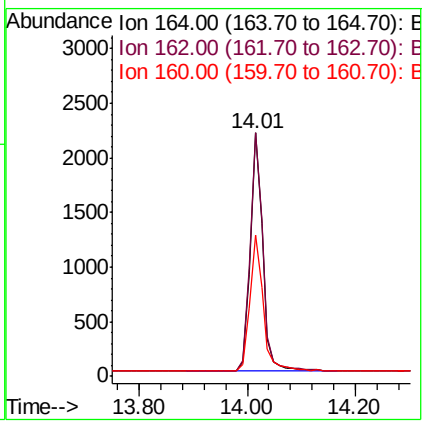


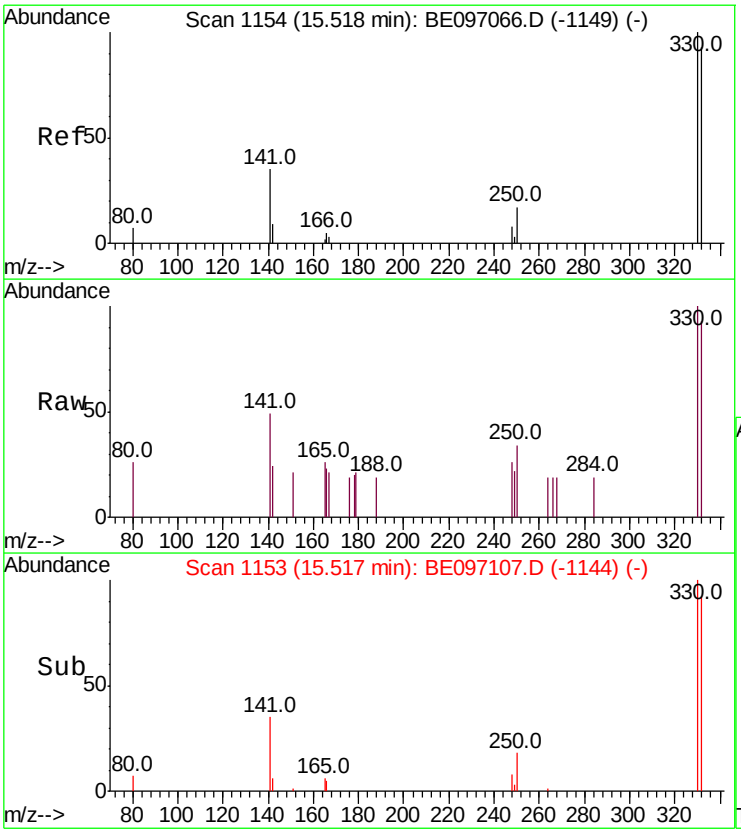
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3526

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.1	124.7
160	57.8	37.1	55.7#

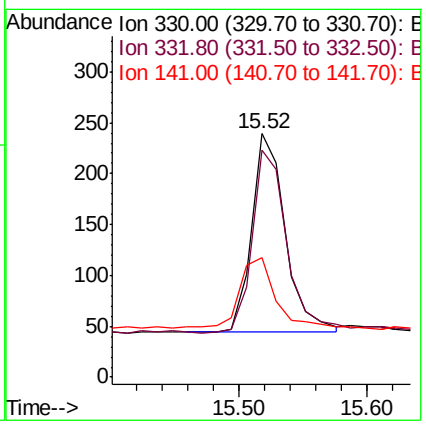


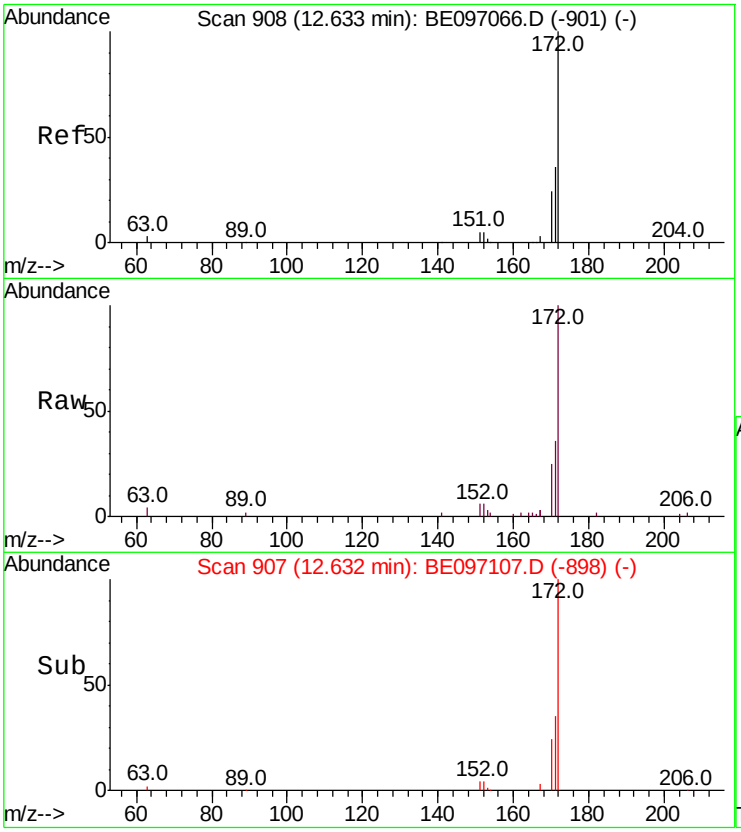


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:330 Resp: 360

Ion	Ratio	Lower	Upper
330	100		
332	95.3	152.7	229.1#
141	38.1	33.7	50.5



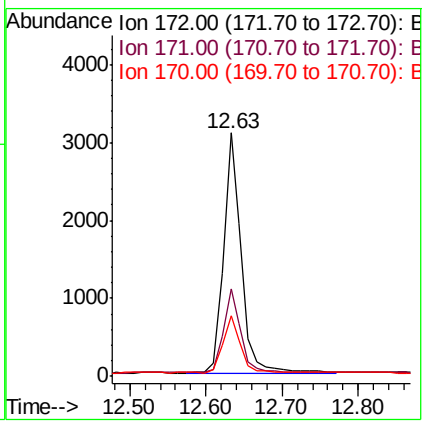


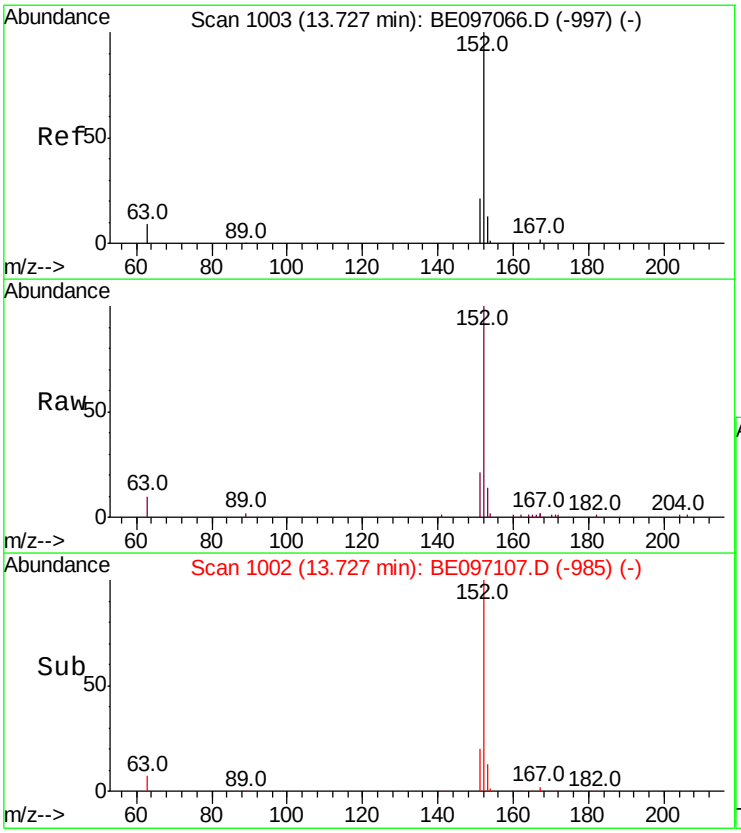
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5024

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	24.8	21.8	32.8

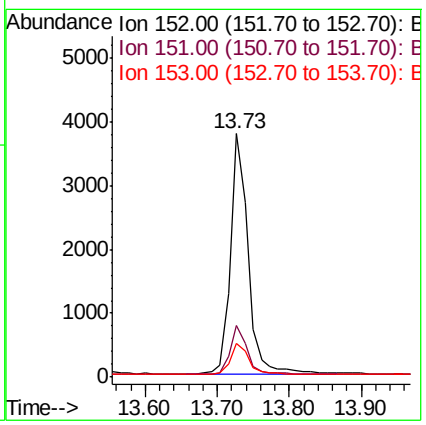


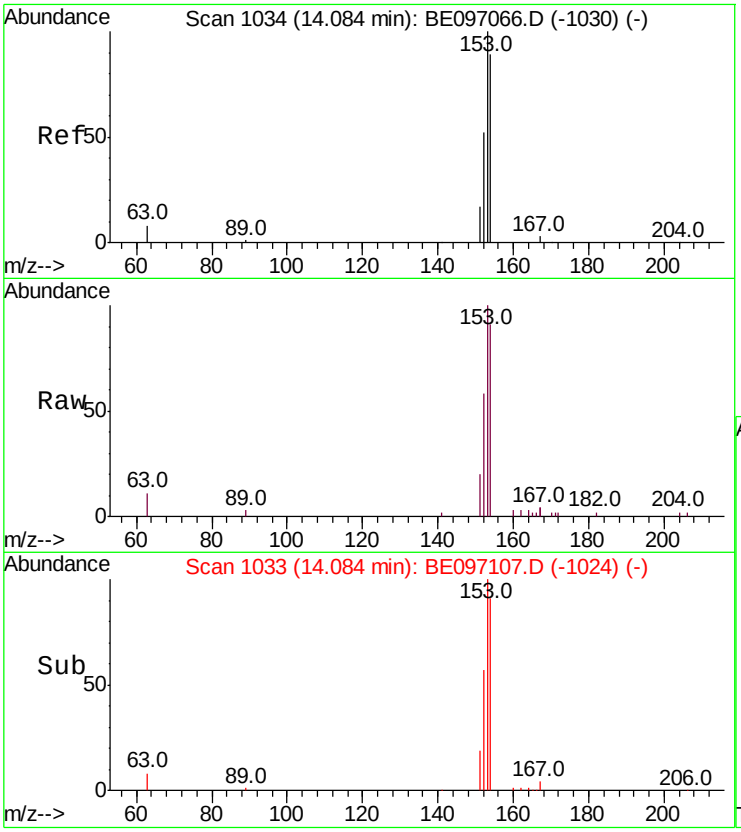


#16
Acenaphthylene
Concen: 0.405 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:152 Resp: 6404

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.5	15.7



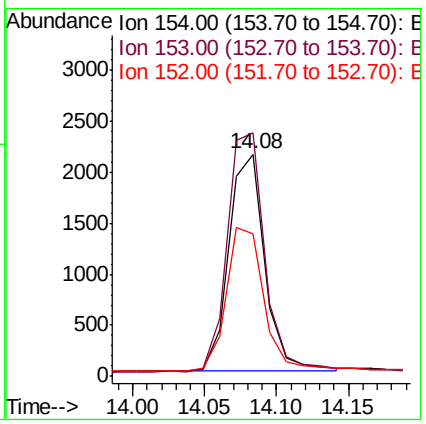


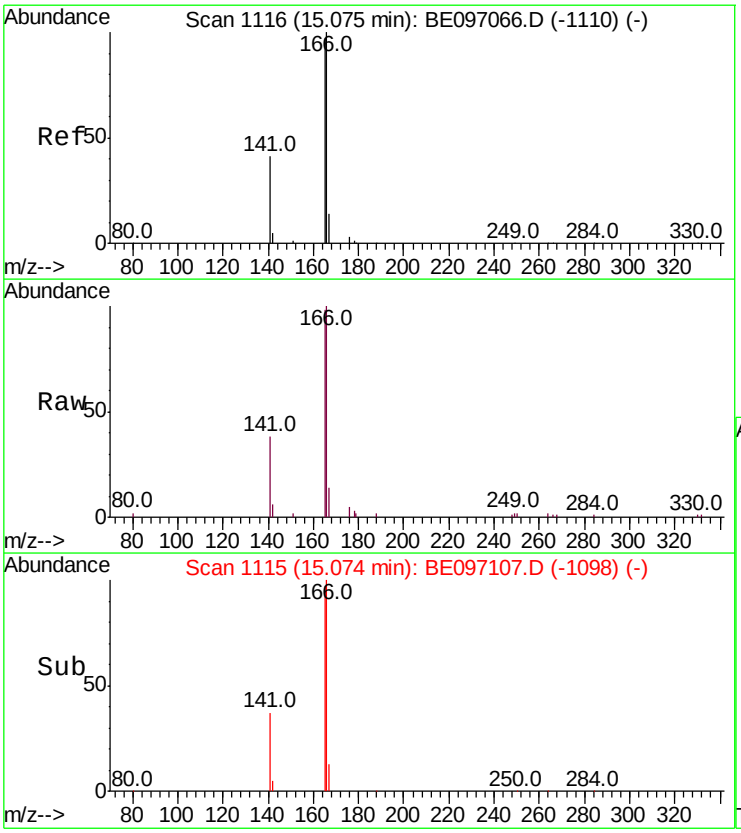
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3693

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.2	133.8
152	69.5	42.0	63.0#

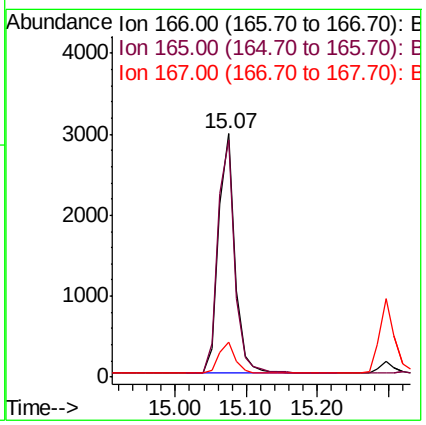


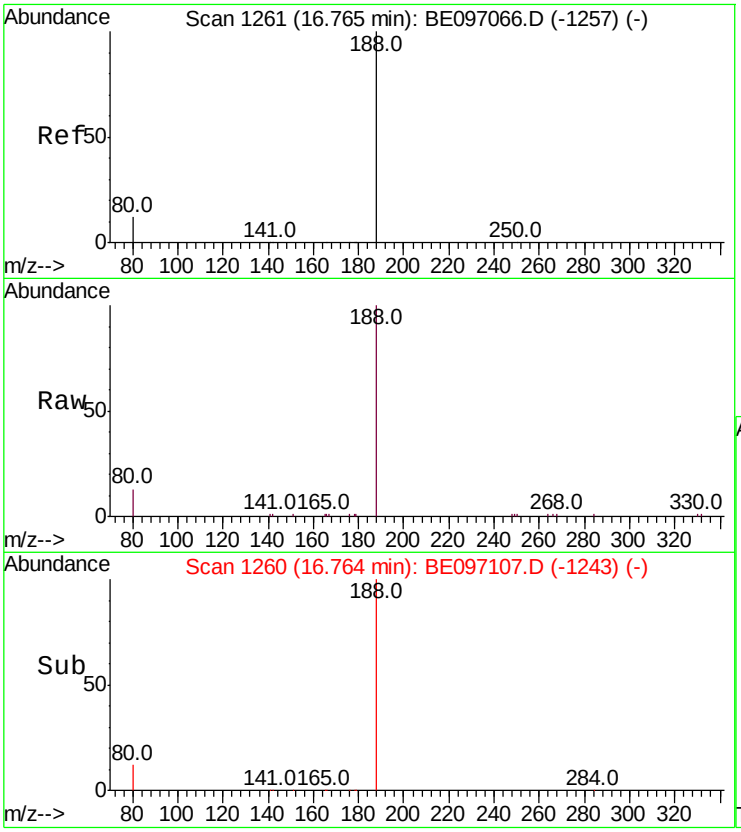


#18
Fluorene
Concen: 0.393 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:166 Resp: 4775

Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.8	116.6
167	13.5	42.4	63.6#



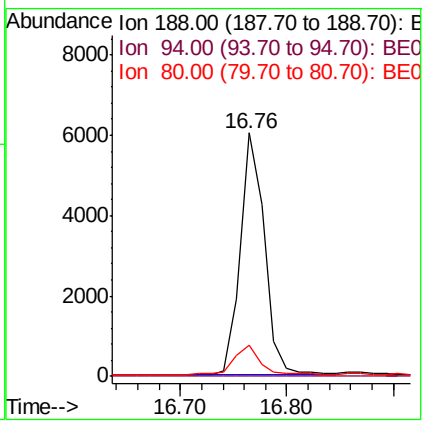


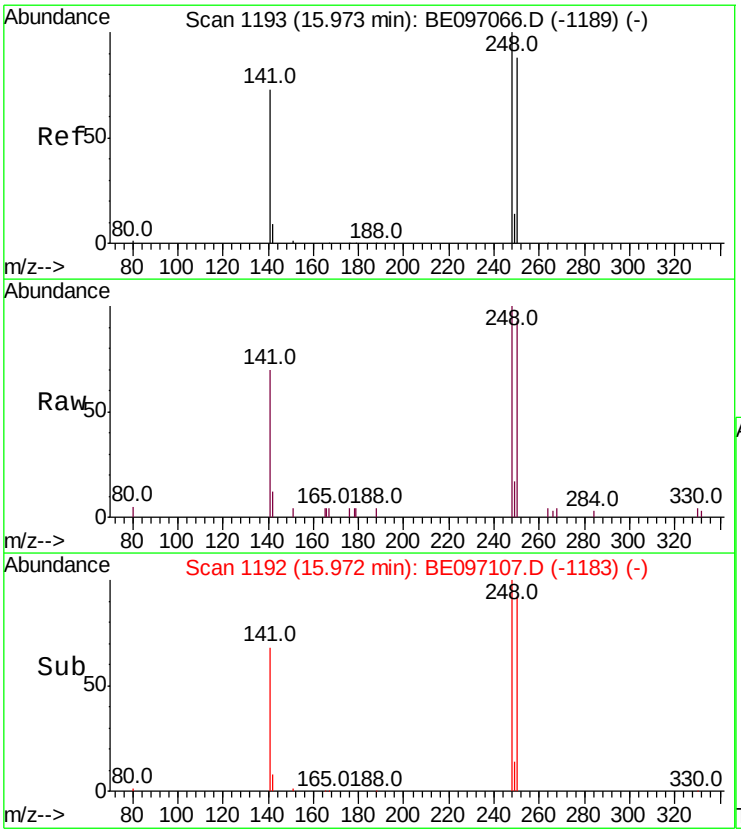
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 9363

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.7	3.6	5.4#

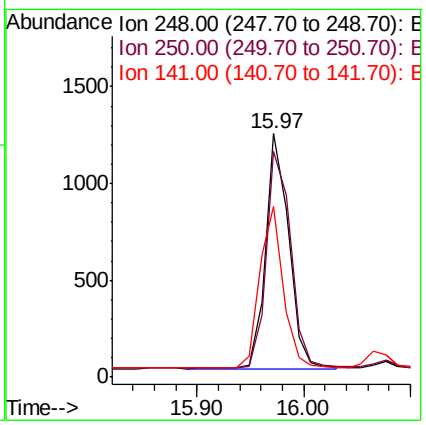


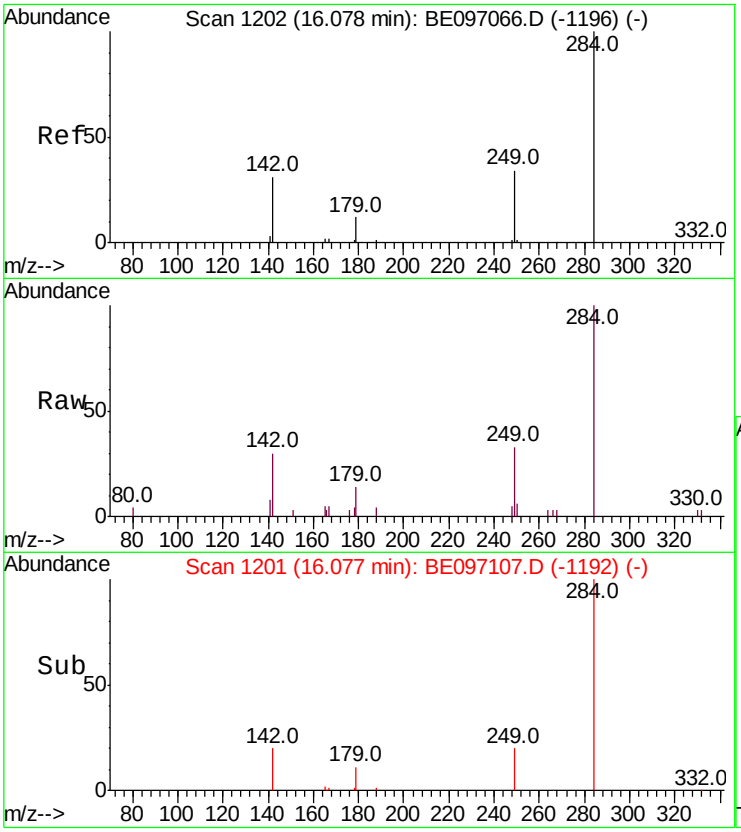


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 15.97 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:248 Resp: 1836

Ion	Ratio	Lower	Upper
248	100		
250	92.8	62.7	94.1
141	69.9	48.2	72.2



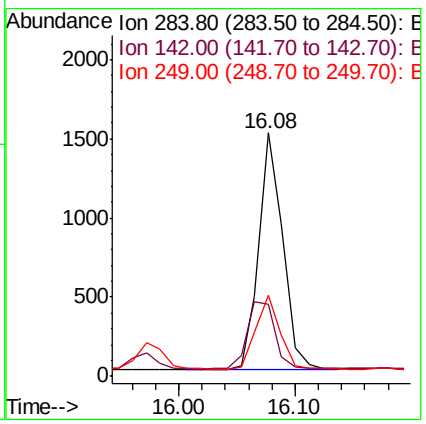


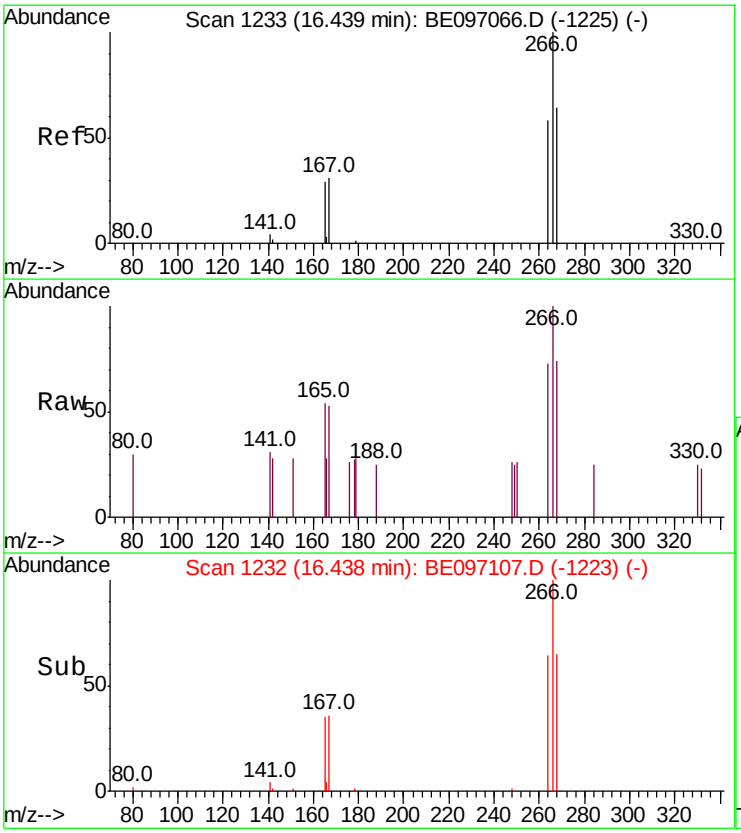
#21
Hexachlorobenzene
Concen: 0.442 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2157

Ion	Ratio	Lower	Upper
284	100		
142	33.2	22.1	33.1#
249	31.1	34.8	52.2#

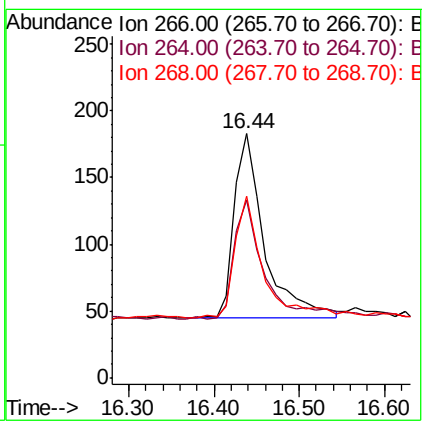


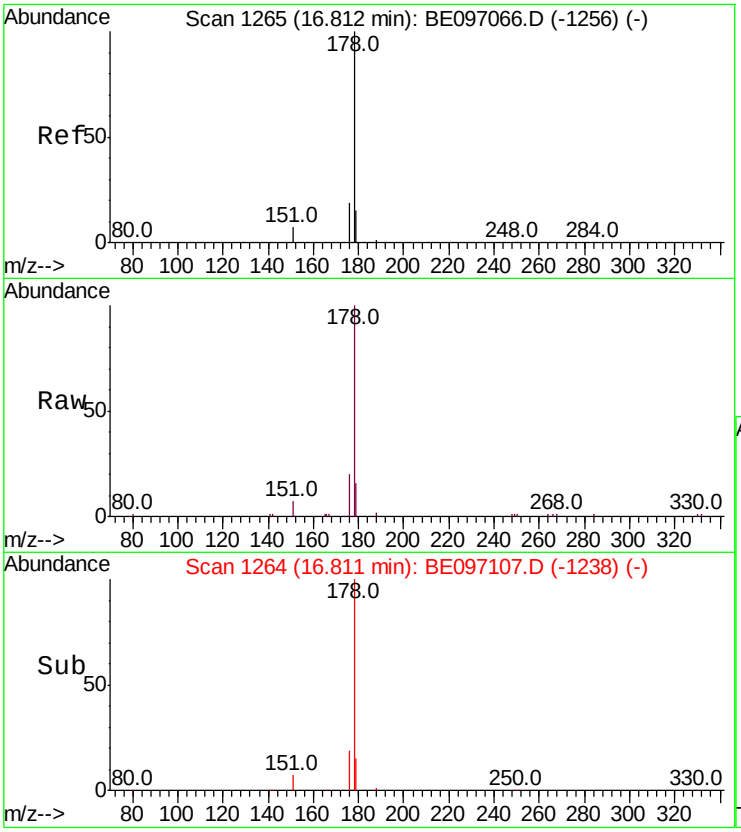


#22
Pentachlorophenol
Concen: 0.312 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:266 Resp: 337

Ion	Ratio	Lower	Upper
266	100		
264	72.7	72.5	108.7
268	74.3	73.8	110.6



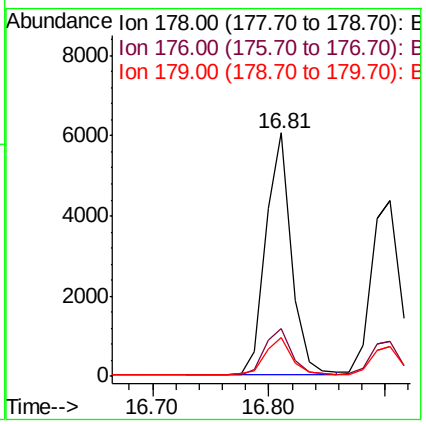


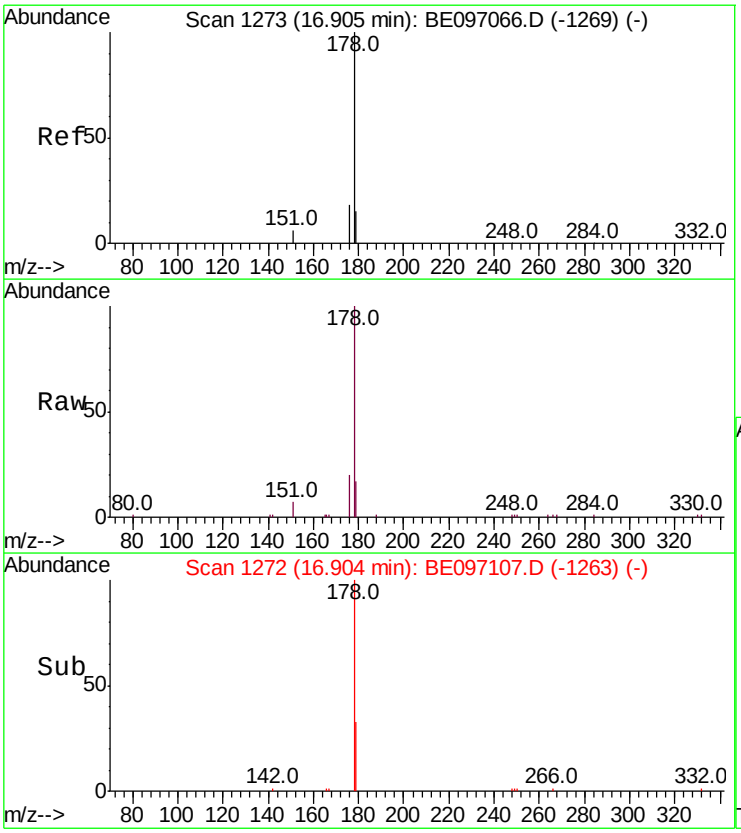
#23
Phenanthrene
Concen: 0.409 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 9137

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.4	11.8	17.6

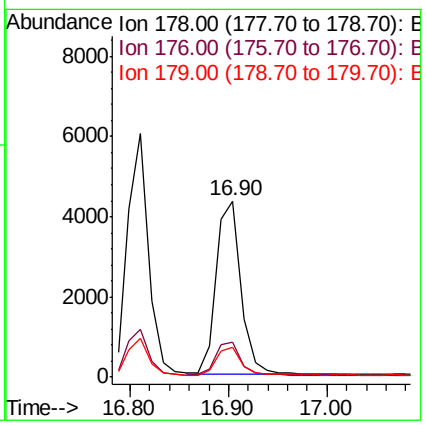


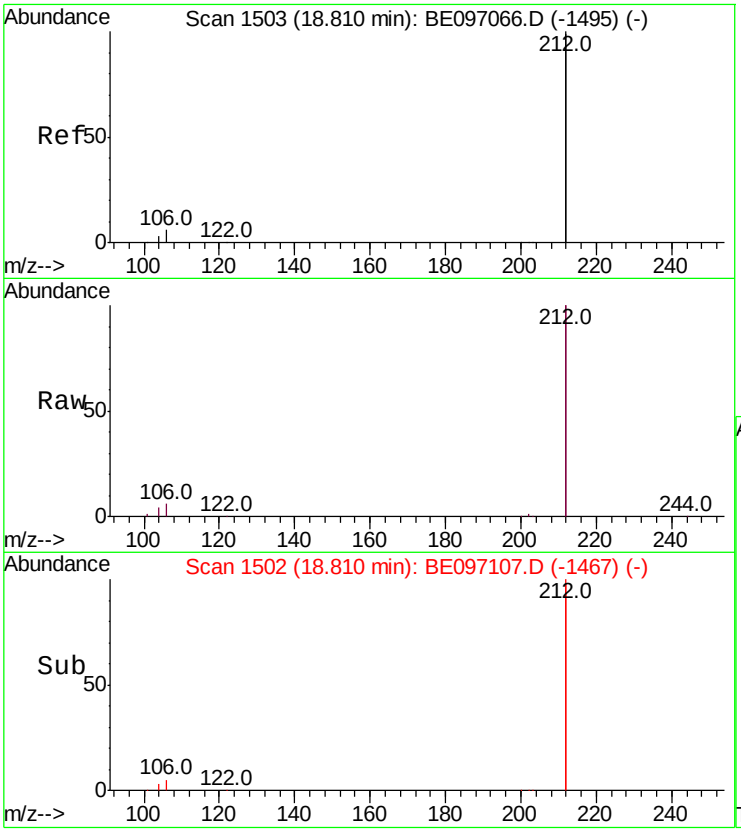


#24
Anthracene
Concen: 0.377 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:178 Resp: 7524

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.2	13.0	19.6



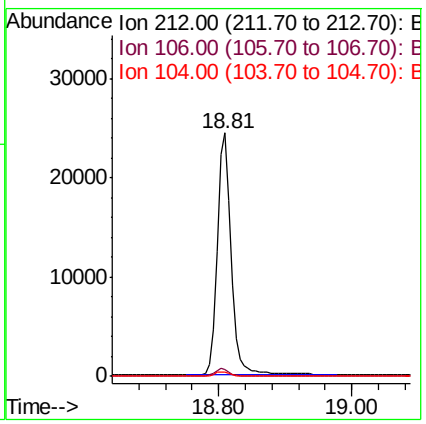


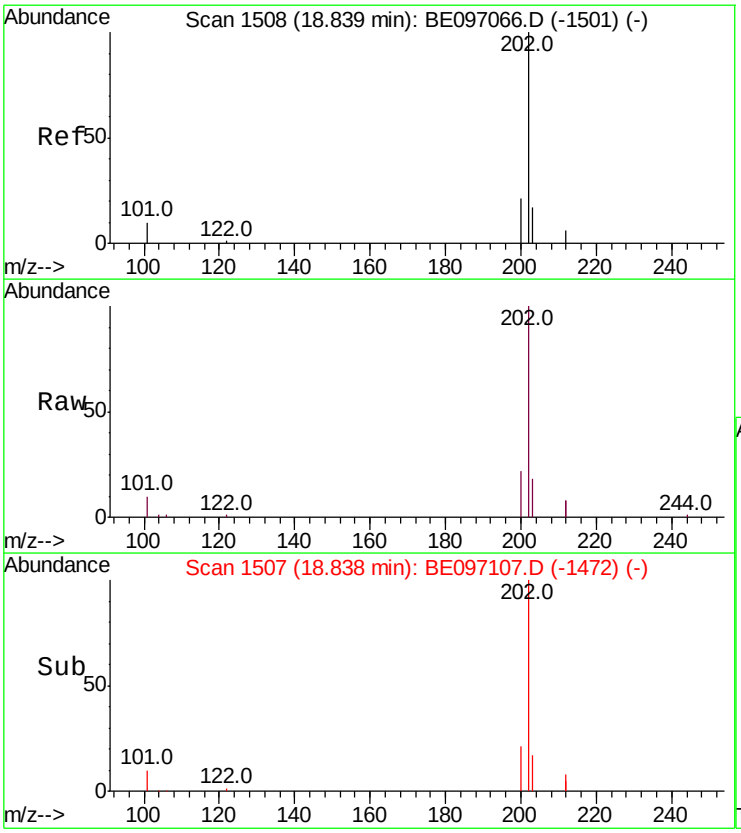
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 34642

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.8	1.6	2.4

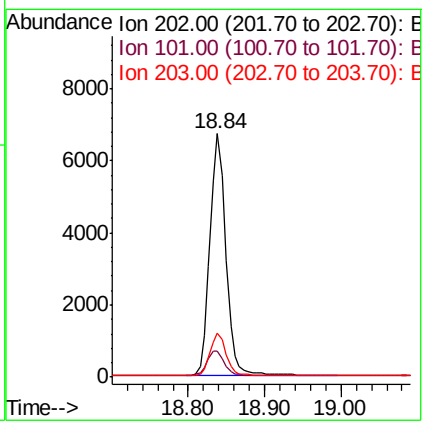


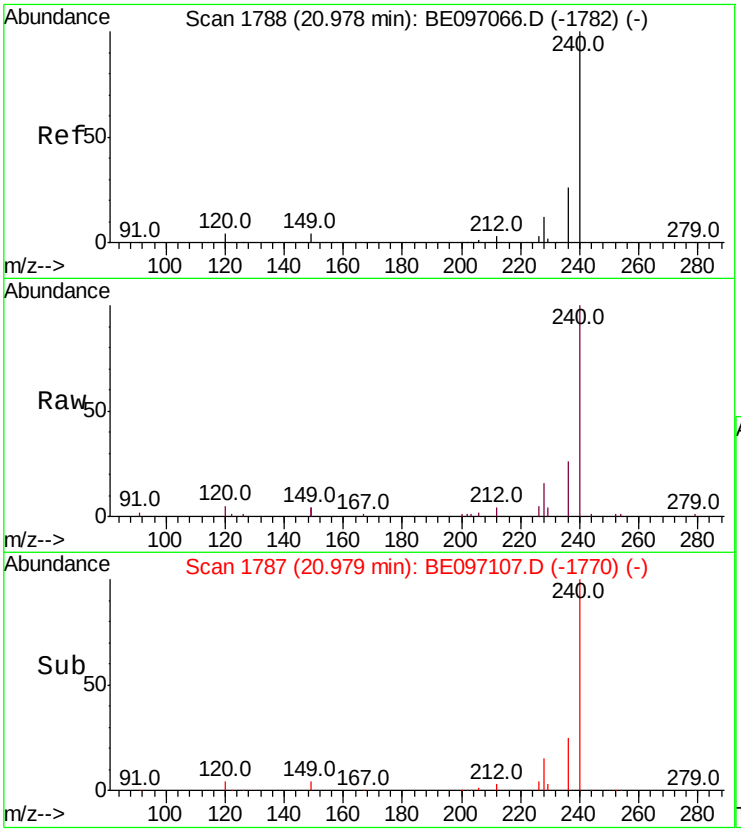


#26
Fluoranthene
Concen: 0.385 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:202 Resp: 9652

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.1	13.7	20.5



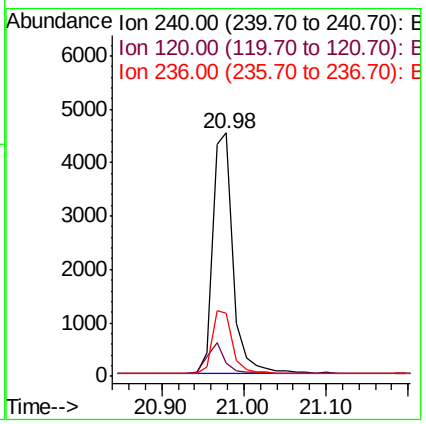


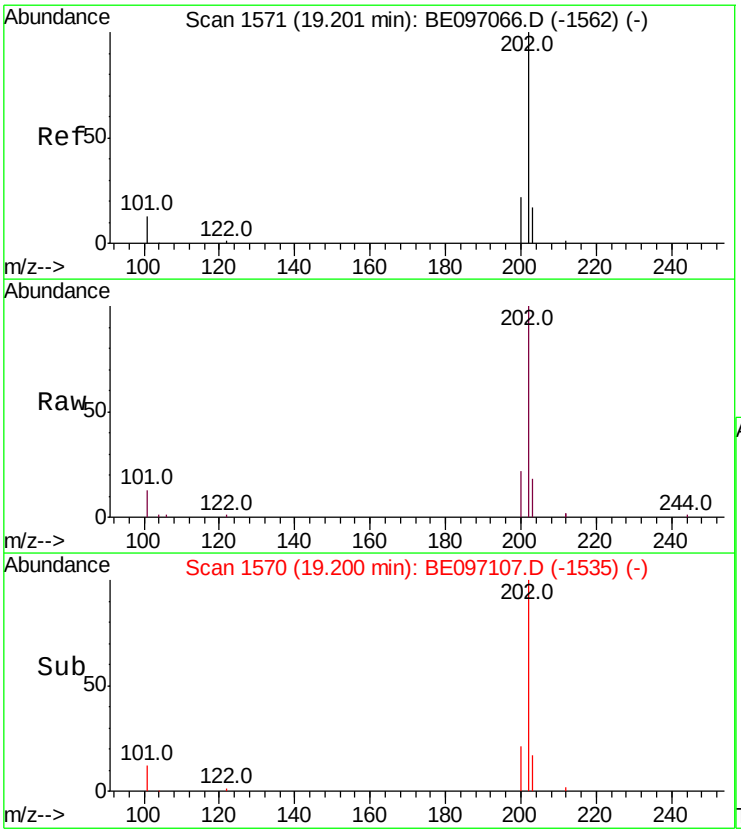
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7932

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.5	8.3#
236	25.9	20.7	31.1

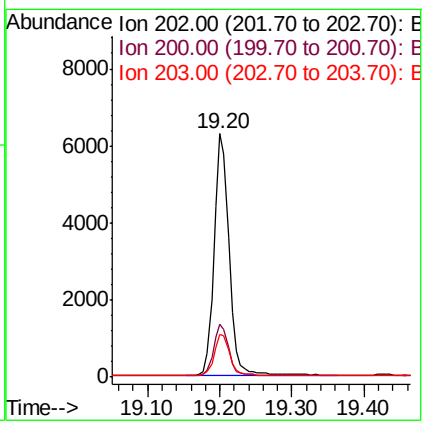


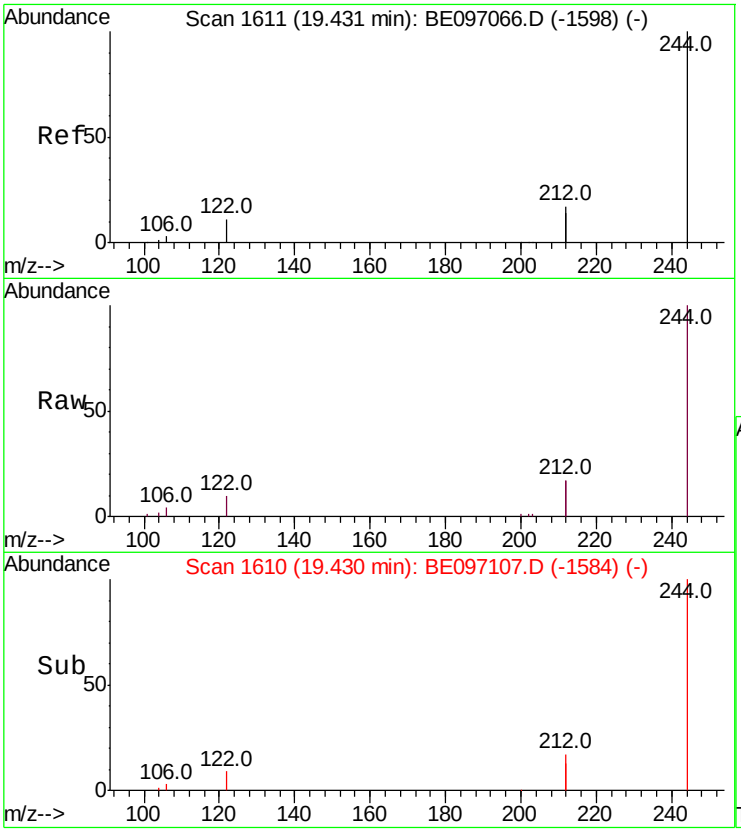


#28
Pyrene
Concen: 0.412 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:202 Resp: 8957

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.4	13.8	20.8



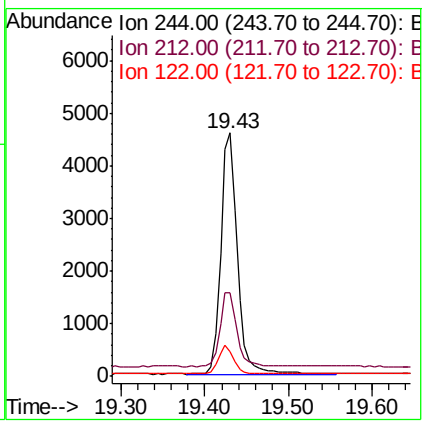


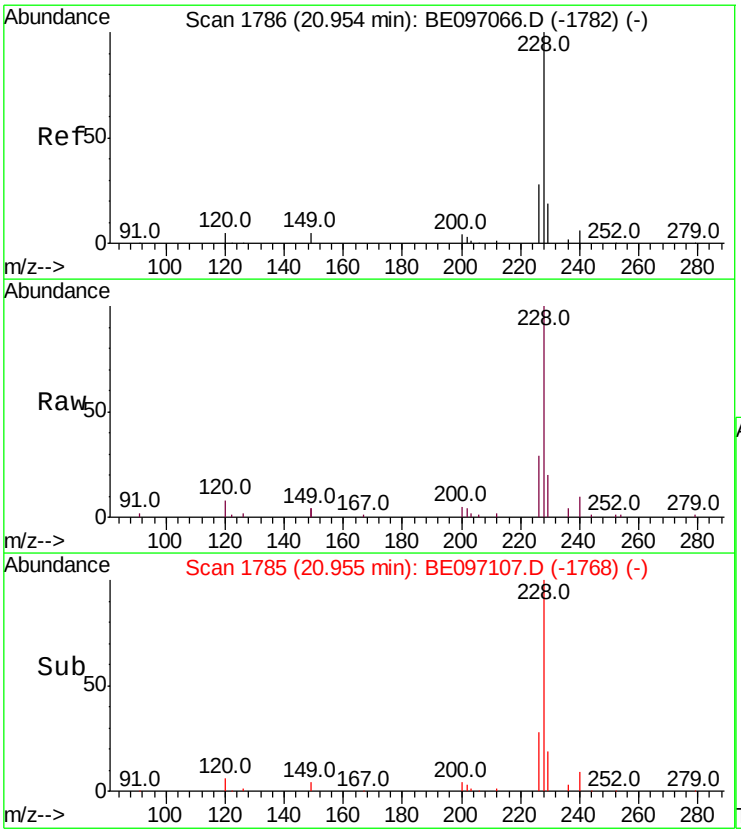
#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6264

Ion	Ratio	Lower	Upper
244	100		
212	34.3	25.4	38.0
122	10.2	8.1	12.1

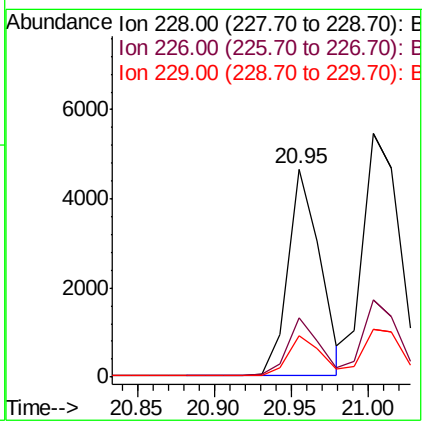


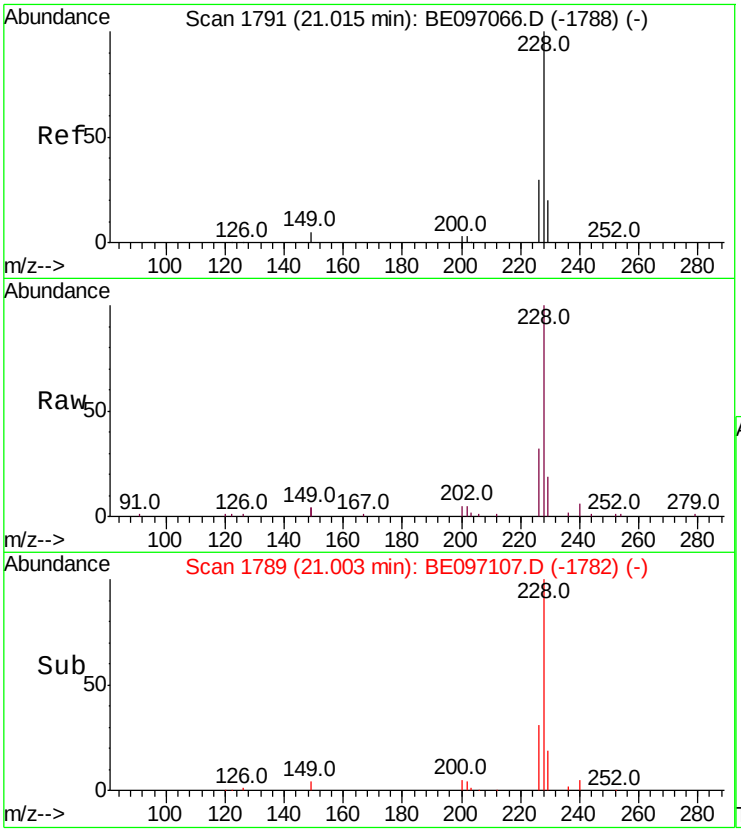


#30
Benzo(a)anthracene
Concen: 0.339 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:228 Resp: 6698

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	20.1	16.0	24.0



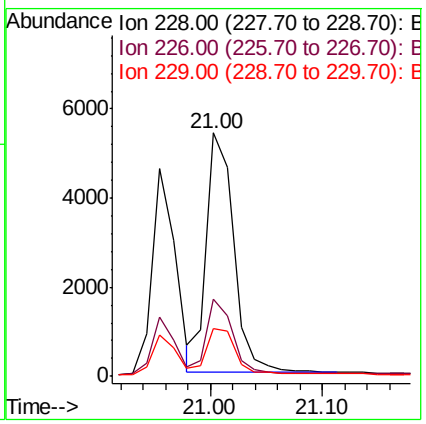


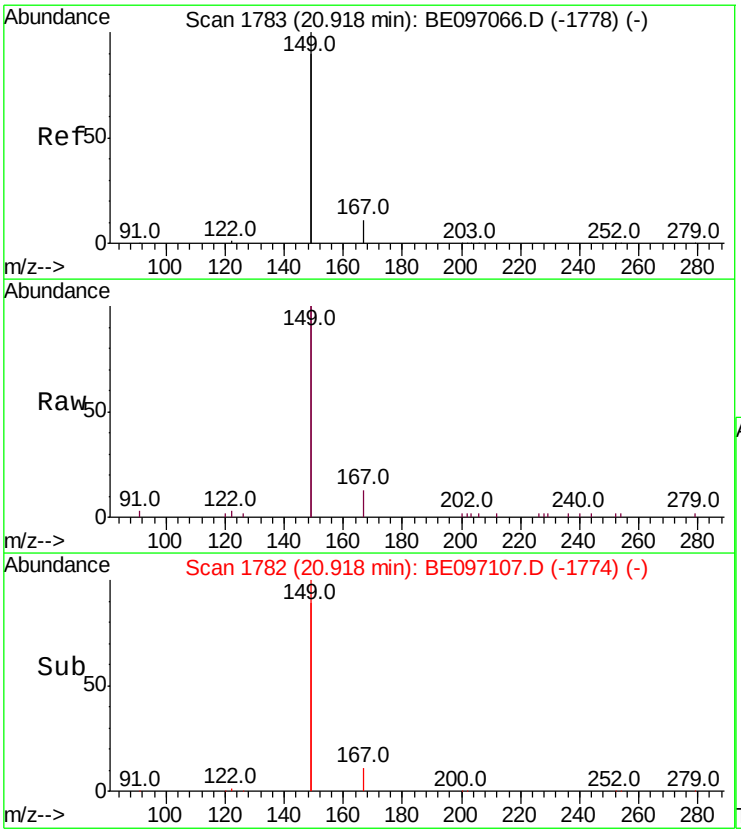
#31
Chrysene
Concen: 0.426 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9012

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	19.4	16.0	24.0

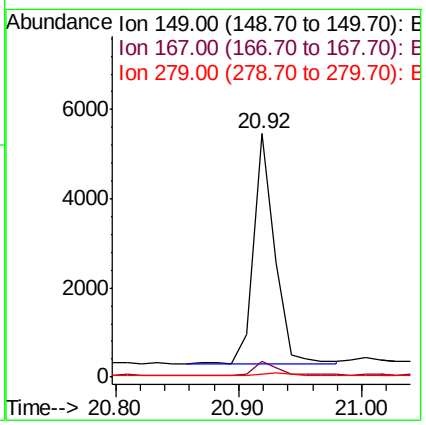


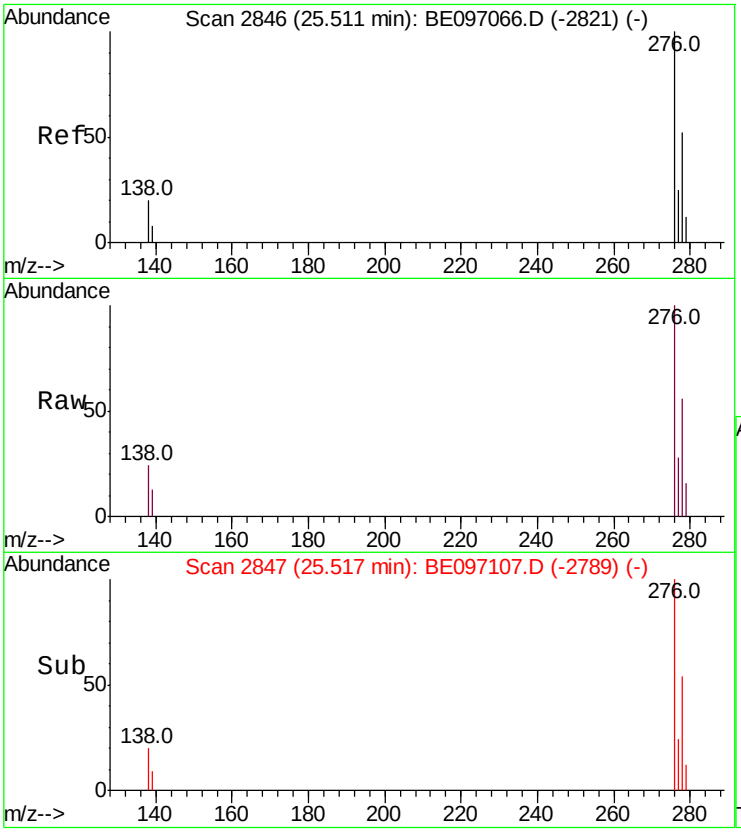


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.297 ng
RT: 20.92 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:149 Resp: 6135

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.1	0.7	1.1#



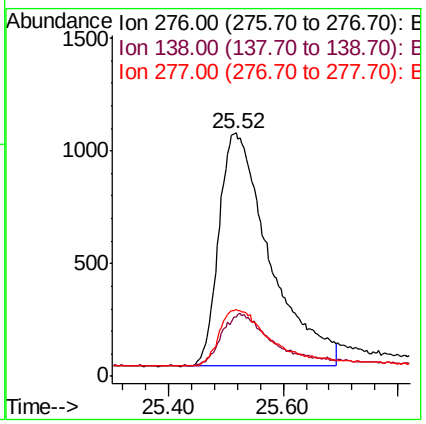


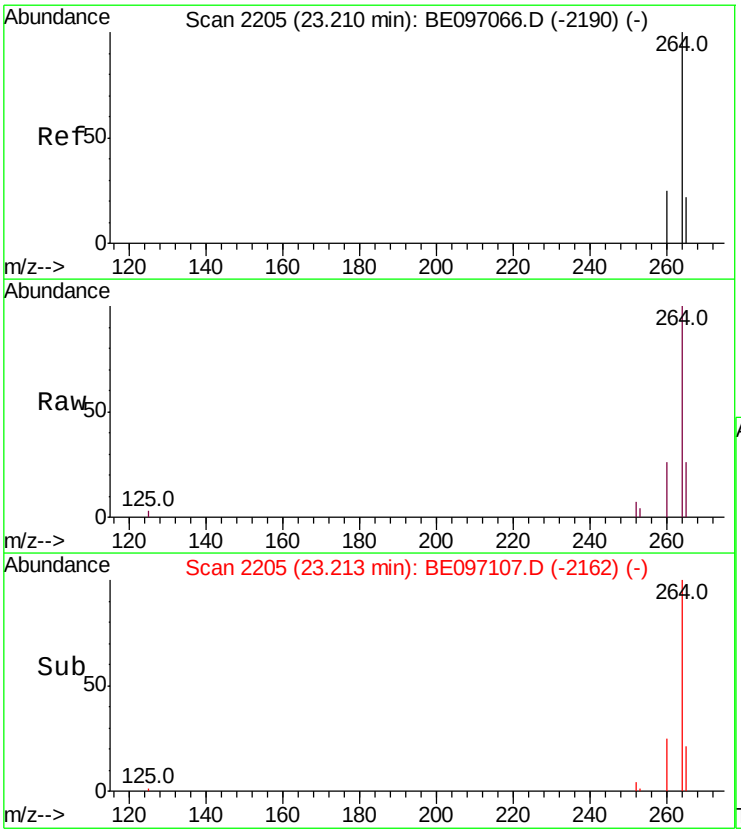
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng
RT: 25.52 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6398

Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.5	33.7#
277	23.3	19.9	29.9

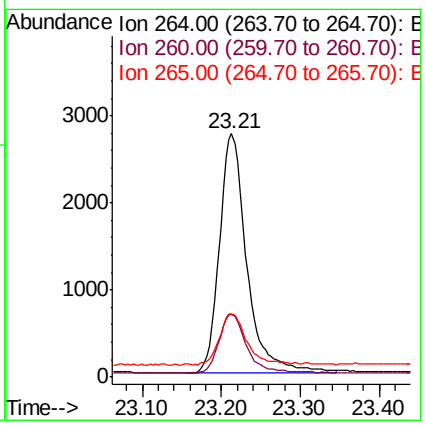


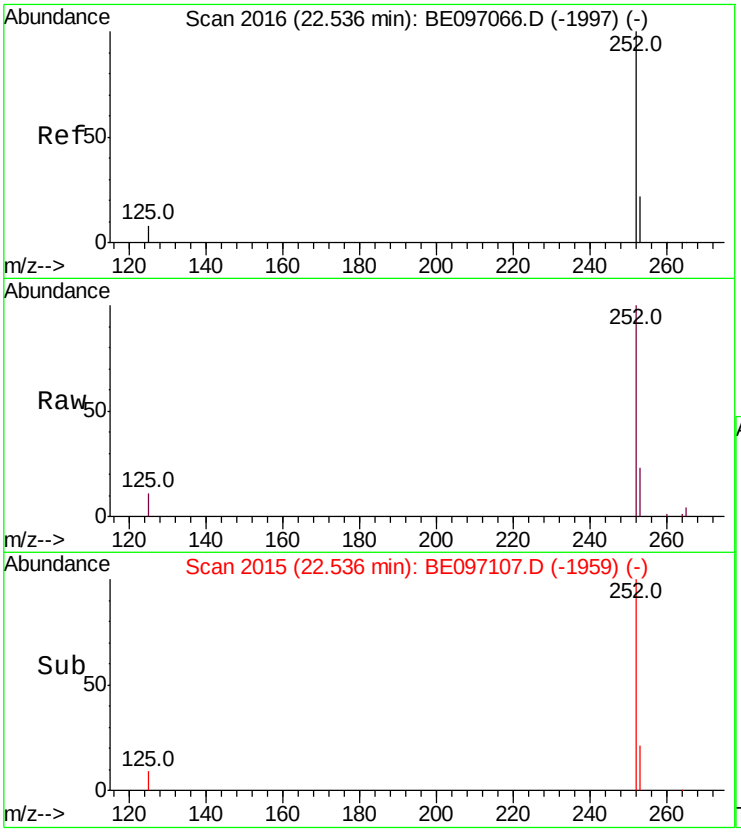


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:264 Resp: 6652

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	26.0	22.8	34.2



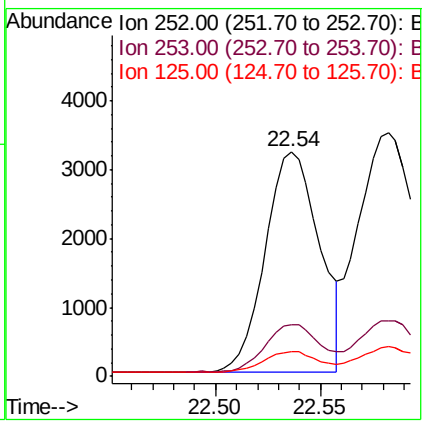


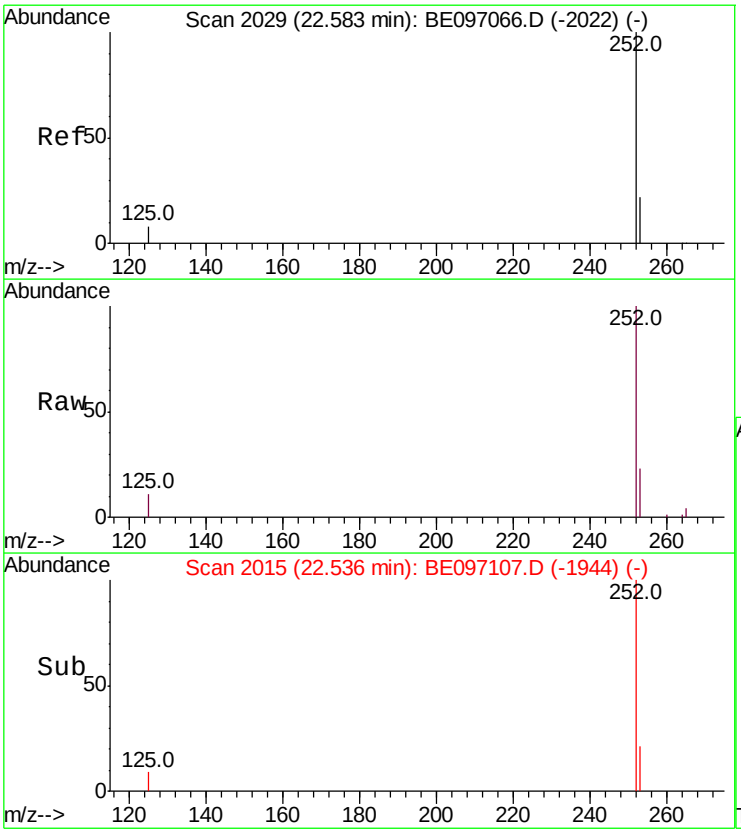
#35
Benzo(b)fluoranthene
Concen: 0.345 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5817

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.0	30.0
125	10.7	16.0	24.0#

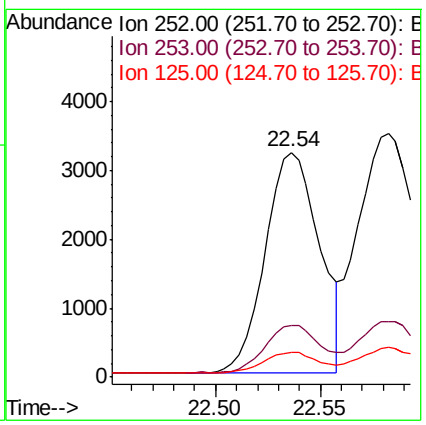


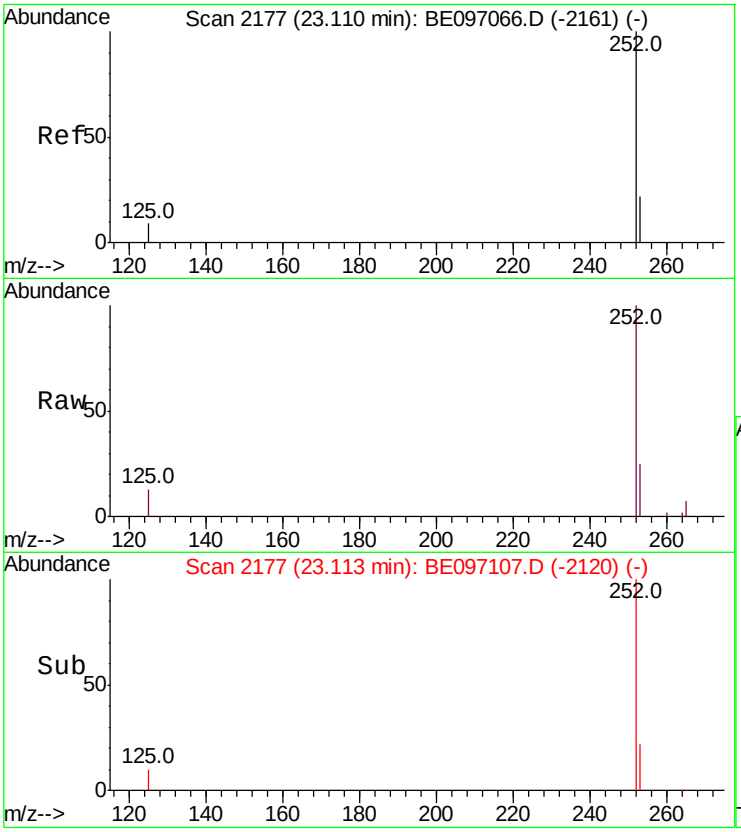


#36
Benzo(k)fluoranthene
Concen: 0.295 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.05 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:252 Resp: 5817

Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.0	24.0
125	10.7	8.0	12.0



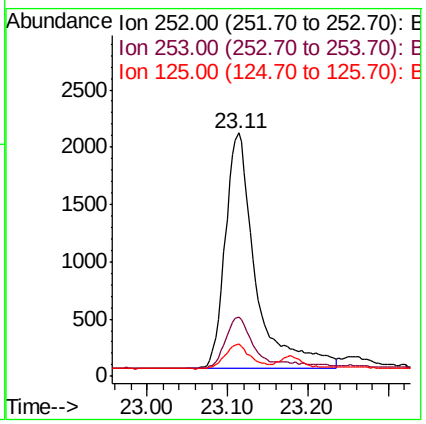


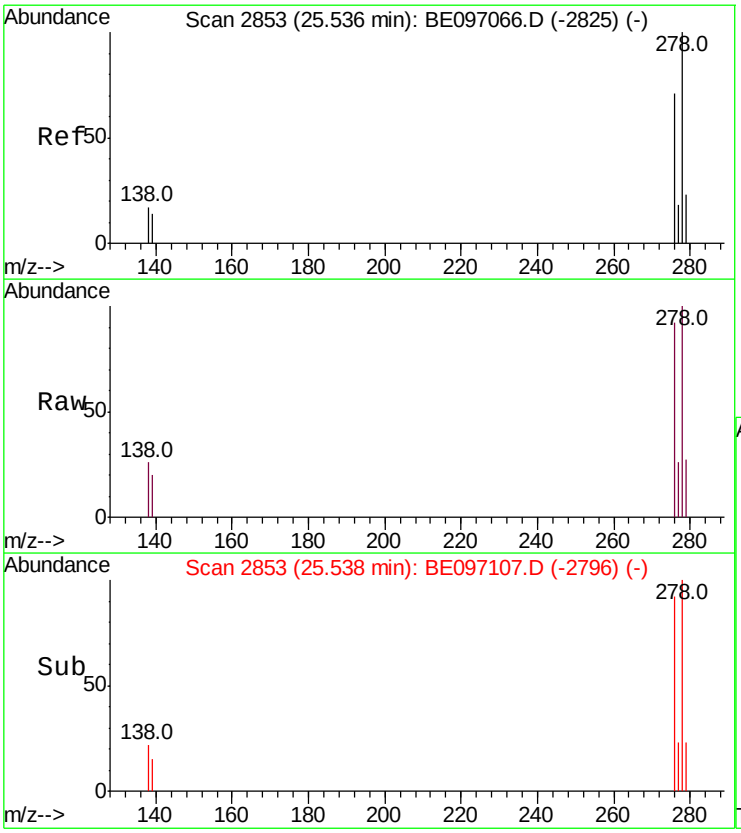
#37
Benzo(a)pyrene
Concen: 0.338 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5372

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	13.1	12.0	18.0

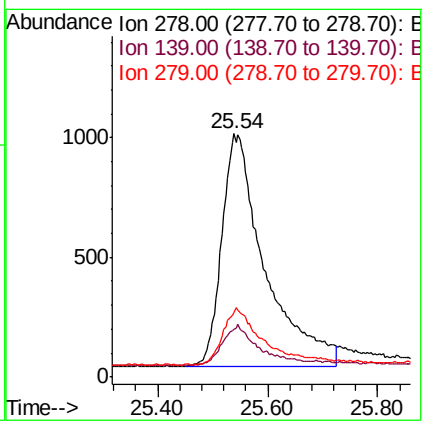


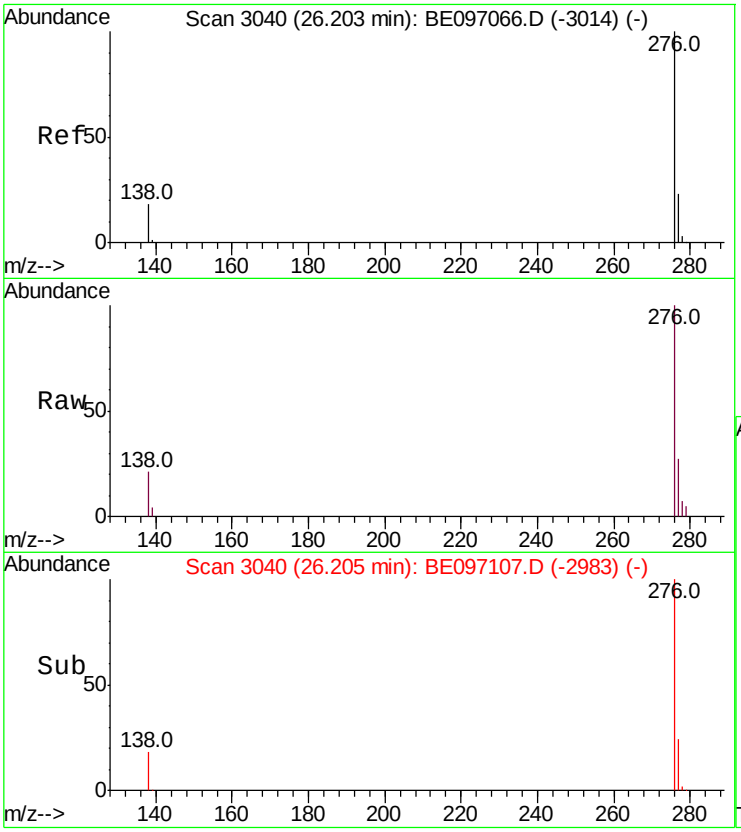


#38
Dibenzo(a,h)anthracene
Concen: 0.331 ng
RT: 25.54 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Tgt Ion:278 Resp: 5250

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.0	24.0
279	26.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.323 ng
RT: 26.21 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BE097107.D
Acq: 26 Jul 2018 17:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5428

Ion	Ratio	Lower	Upper
276	100		
277	27.2	16.0	24.0#
138	21.5	20.0	30.0