Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082318\
Data File : BE097354.D
Acq On : 23 Aug 2018 10:35
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 23 12:28:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	796	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3689	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	1947	0.40	ng		-0.01
19) Phenanthrene-d10	16.77	188	5225	0.40	ng		0.00
27) Chrysene-d12	20.97	240	6680	0.40	ng		0.00
34) Perylene-d12	23.20	264	6355	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	936	0.40	ng		0.00
5) Phenol-d6	6.59	99	1180	0.38	ng		0.00
8) Nitrobenzene-d5	8.52	82	1074	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2107	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	243	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3113	0.44	ng		0.00
25) Fluoranthene-d10	18.80	212	25188	0.42	ng		0.00
29) Terphenyl-d14	19.42	244	5006	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	604	0.427	ng	#	84
3) n-Nitrosodimethylamine	3.37	42	517	0.391	ng		98
6) bis(2-Chloroethyl)ether	6.82	93	1130	0.390	ng		97
9) Naphthalene	10.19	128	14063	0.419	ng		100
10) Hexachlorobutadiene	10.47	225	636	0.424	ng		99
12) 2-Methylnaphthalene	11.80	142	2186	0.413	ng		100
16) Acenaphthylene	13.73	152	3169	0.409	ng		100
17) Acenaphthene	14.07	154	2175	0.421	ng		96
18) Fluorene	15.06	166	2650	0.406	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1016	0.428	ng	#	81
21) Hexachlorobenzene	16.08	284	1154	0.439	ng	#	83
22) Pentachlorophenol	16.44	266	219	0.417	ng	#	80
23) Phenanthrene	16.80	178	5255	0.423	ng		99
24) Anthracene	16.89	178	4223	0.399	ng		95
26) Fluoranthene	18.83	202	6550	0.420	ng		98
28) Pyrene	19.20	202	6631	0.417	ng		100
30) Benzo(a)anthracene	20.96	228	6759	0.400	ng		96
31) Chrysene	21.00	228	7664	0.421	ng		99
32) Bis(2-ethylhexyl)phthalate	20.91	149	7176	0.383	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	8061	0.343	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	6513	0.383	ng	#	89
36) Benzo(k)fluoranthene	22.53	252	6513	0.348	ng		95
37) Benzo(a)pyrene	23.10	252	6185	0.377	ng		93
38) Dibenzo(a,h)anthracene	25.51	278	6827	0.349	ng		97
39) Benzo(g,h,i)perylene	26.19	276	6849	0.338	ng	#	90

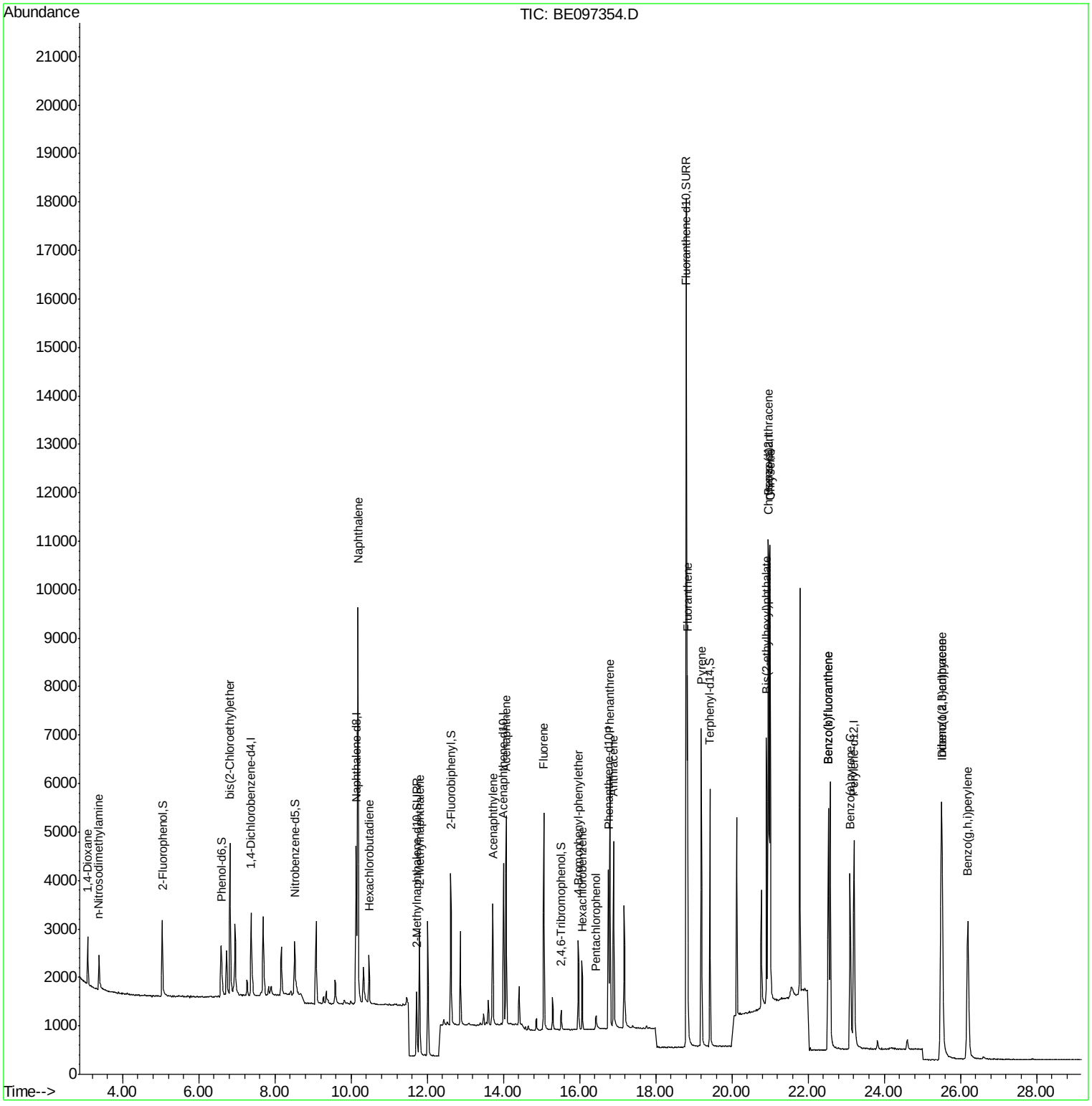
(#) = qualifier out of range (m) = manual integration (+) = signals summed

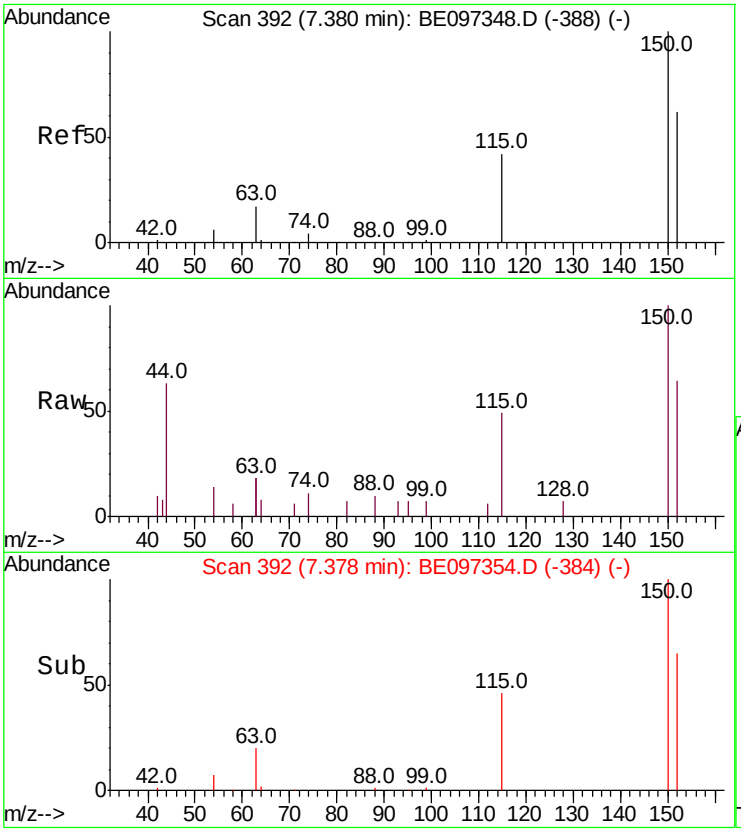
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082318\
Data File : BE097354.D
Acq On : 23 Aug 2018 10:35
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 23 12:28:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 18:07:26 2018
Response via : Initial Calibration



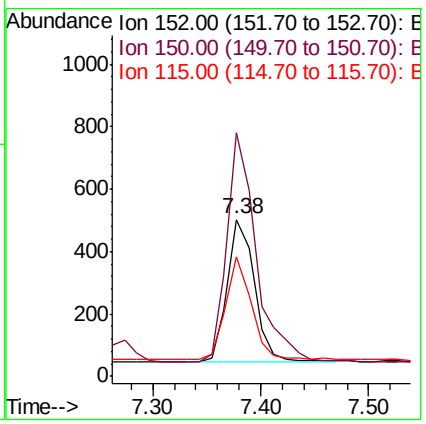


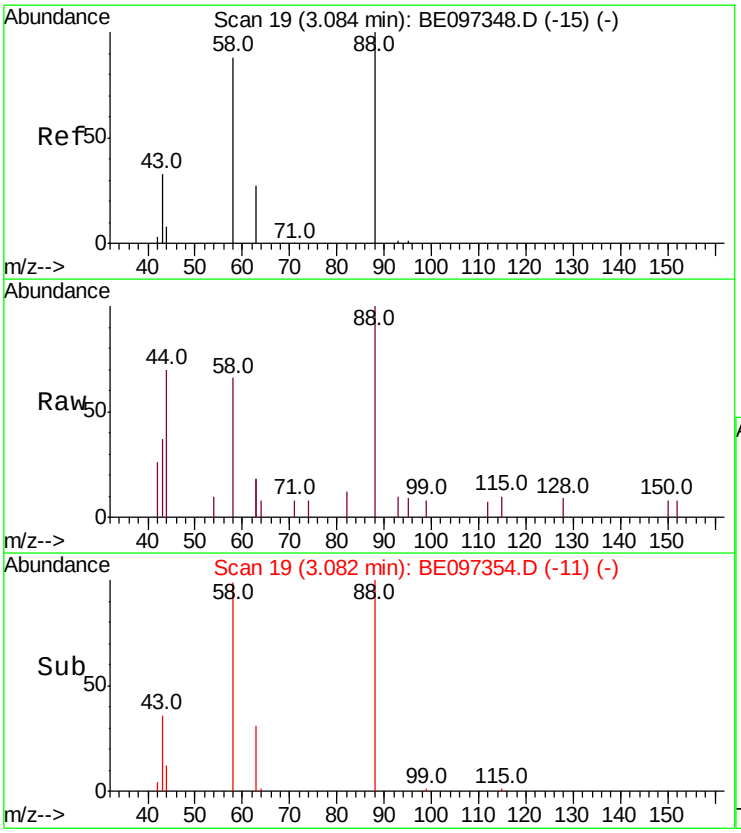
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 796

Ion	Ratio	Lower	Upper
152	100		
150	155.3	117.2	175.8
115	75.9	57.0	85.6

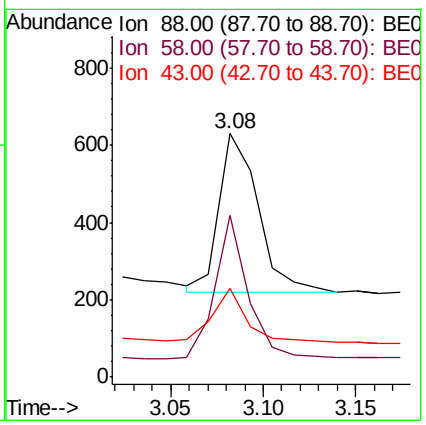


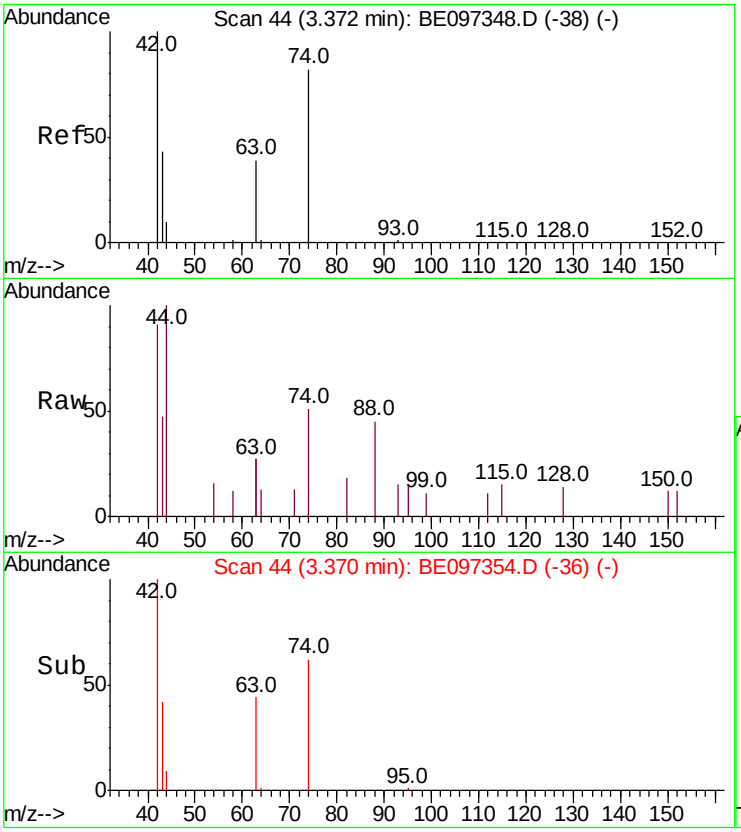


#2
1,4-Dioxane
Concen: 0.427 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion: 88 Resp: 604

Ion	Ratio	Lower	Upper
88	100		
58	75.2	63.2	94.8
43	28.5	41.2	61.8#

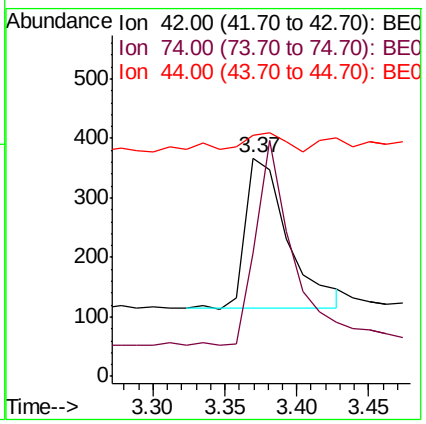




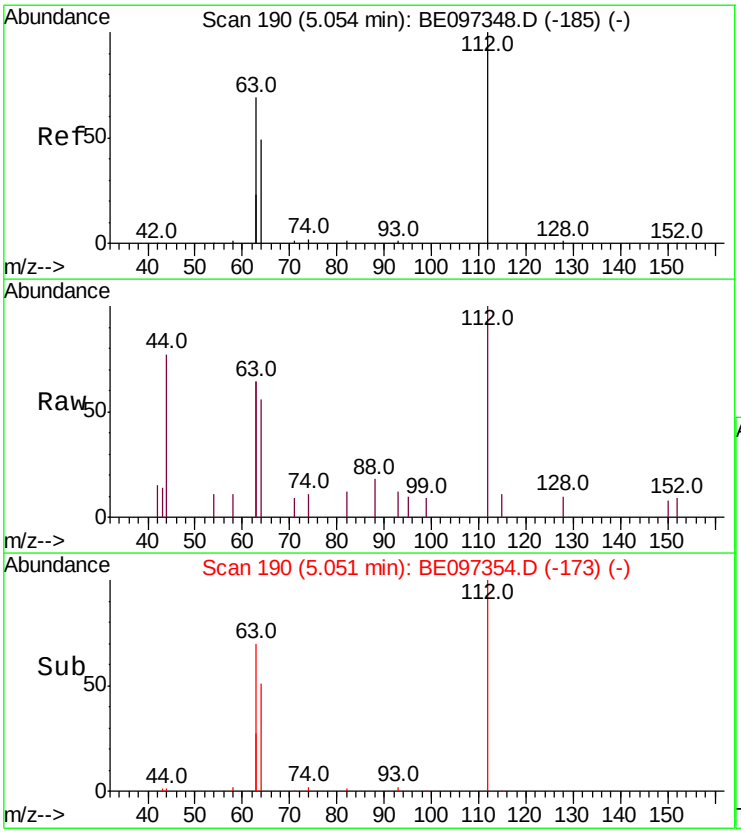
#3
n-Nitrosodimethylamine
Concen: 0.391 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion: 42 Resp: 517

Ion	Ratio	Lower	Upper
42	100		
74	117.8	96.0	144.0
44	16.2	12.0	18.0



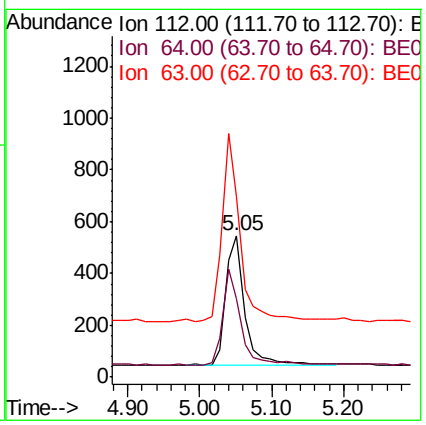
Instrument :
BNA_E
ClientSampleId :

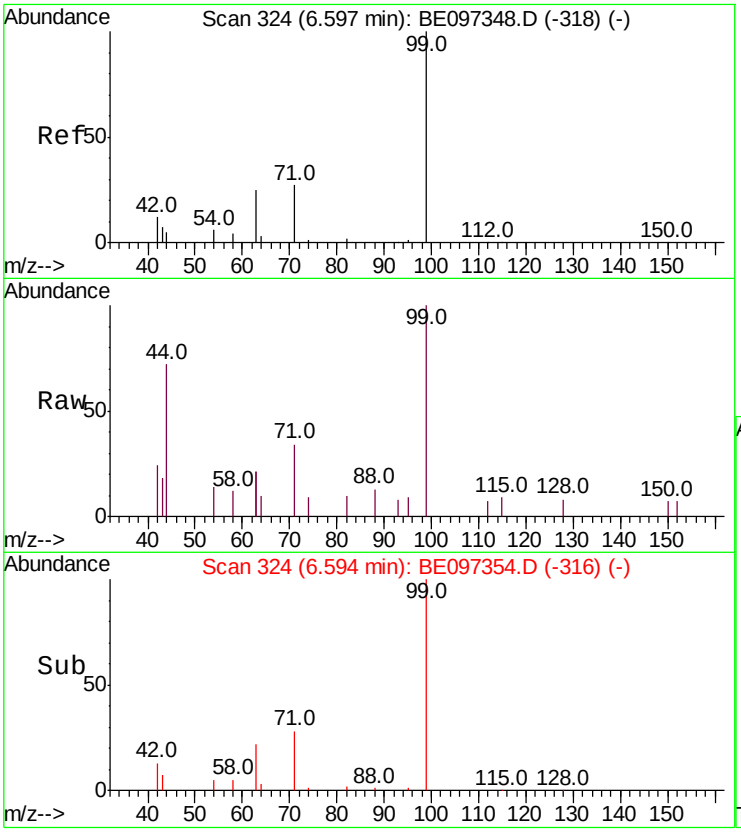


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:112 Resp: 936

Ion	Ratio	Lower	Upper
112	100		
64	67.5	60.1	90.1
63	137.9	116.8	175.2



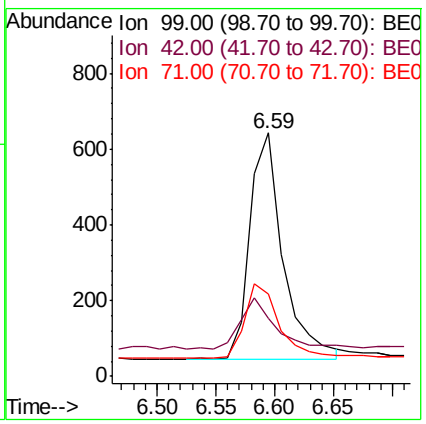


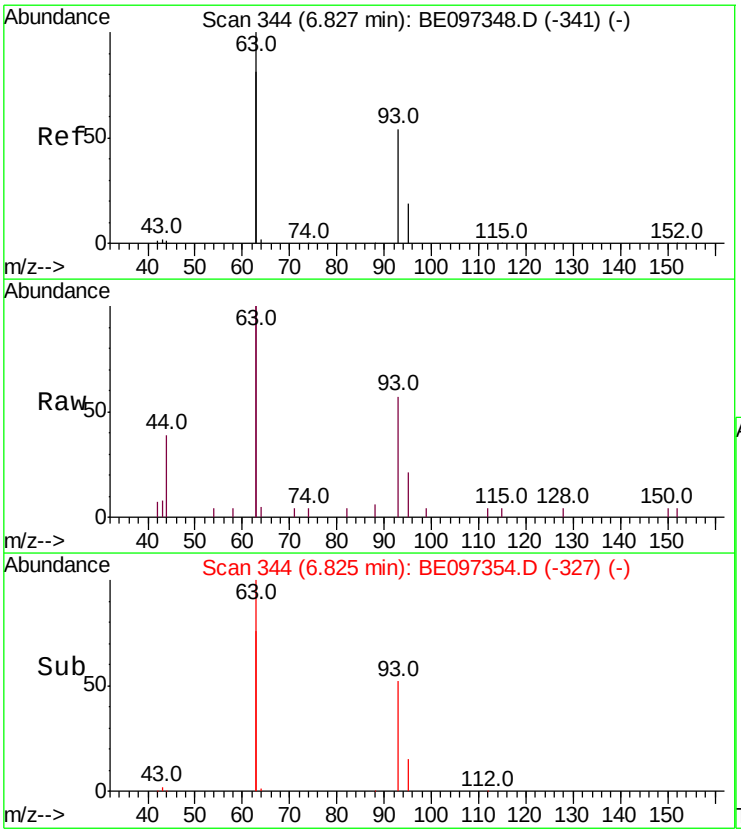
#5
Phenol-d6
Concen: 0.375 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1180

Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.2	30.2
71	34.0	28.4	42.6

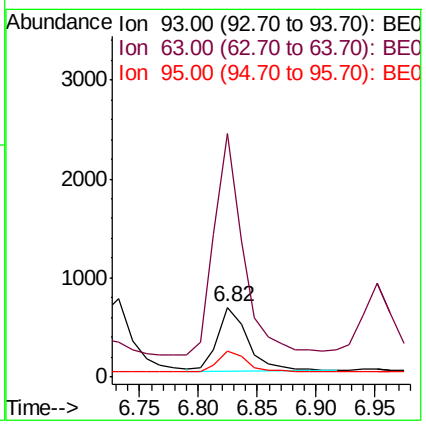


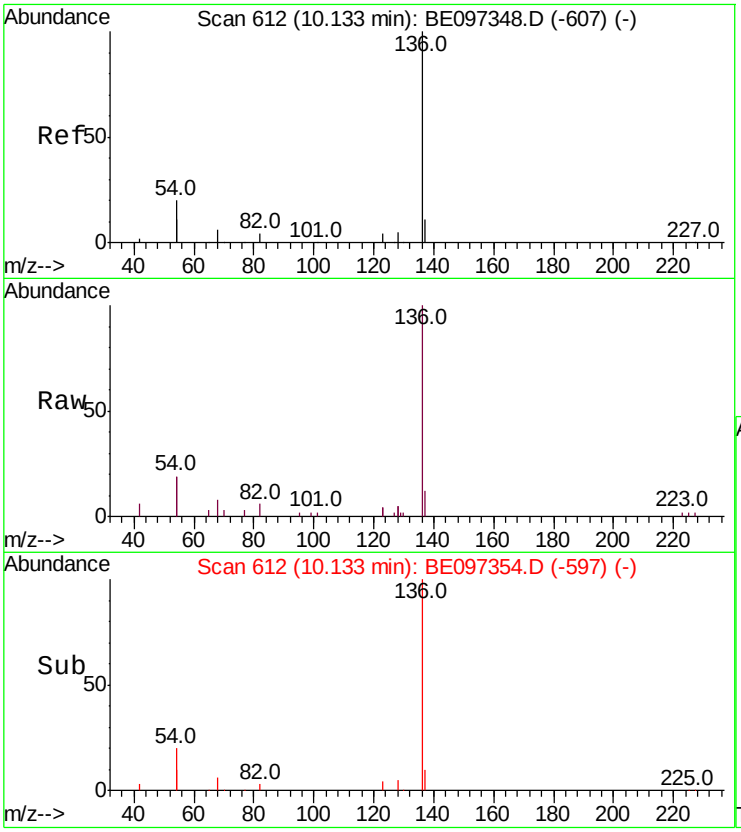


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion: 93 Resp: 1130

Ion	Ratio	Lower	Upper
93	100		
63	337.4	275.3	412.9
95	35.3	25.2	37.8



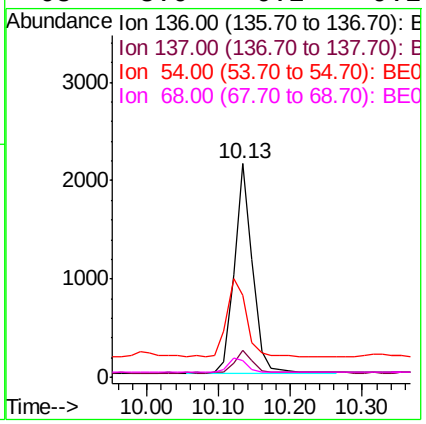


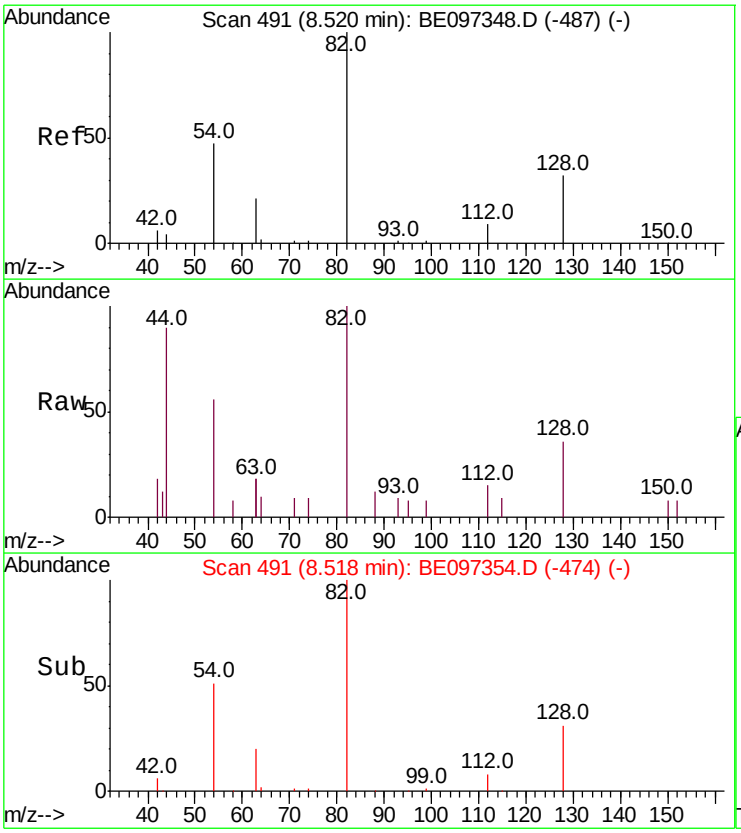
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3689

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	38.6	29.1	43.7
68	8.0	6.2	9.2

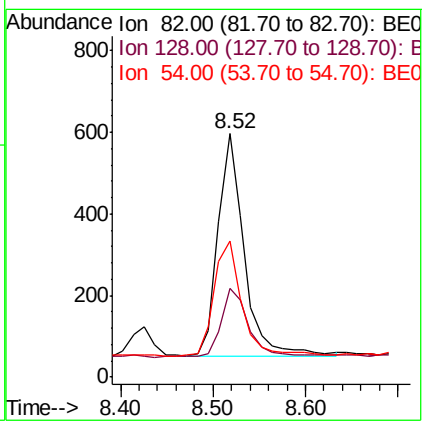


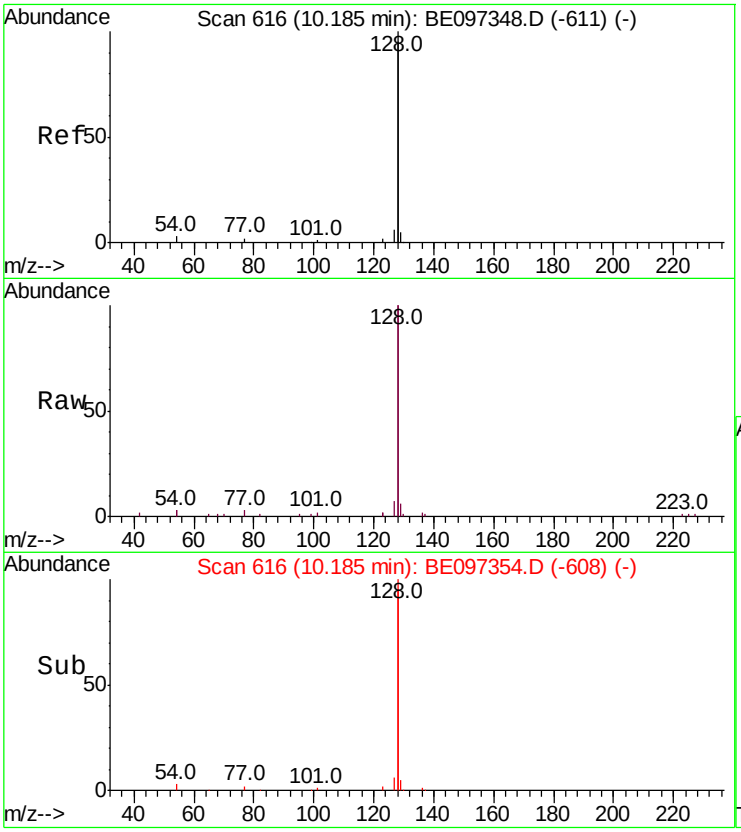


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion: 82 Resp: 1074

Ion	Ratio	Lower	Upper
82	100		
128	36.3	24.0	36.0#
54	55.9	40.0	60.0



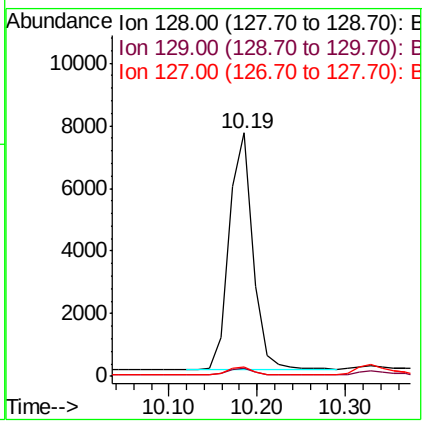


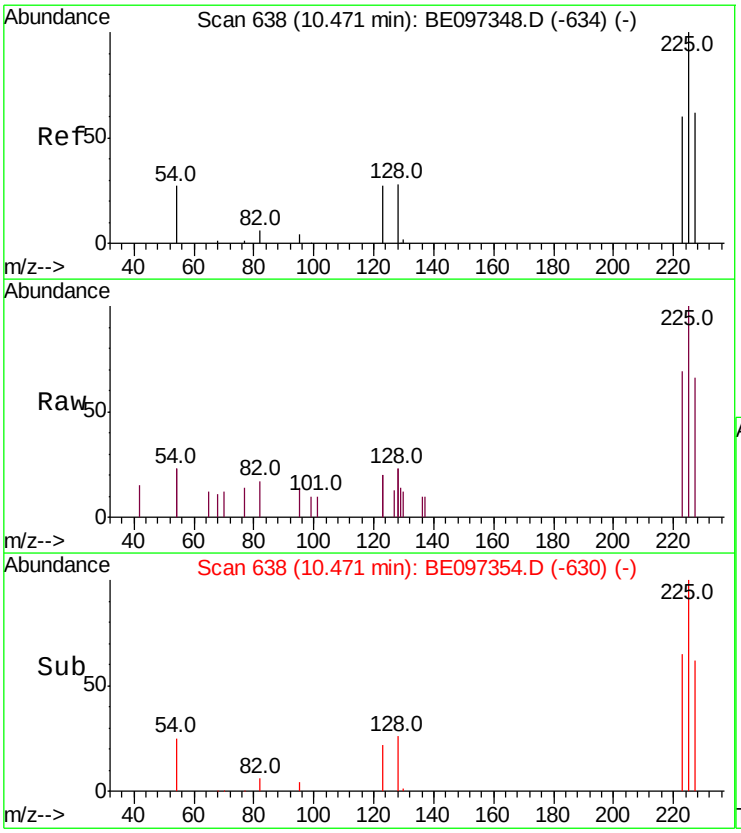
#9
Naphthalene
Concen: 0.419 ng
RT: 10.19 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14063

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.7	2.8	4.2

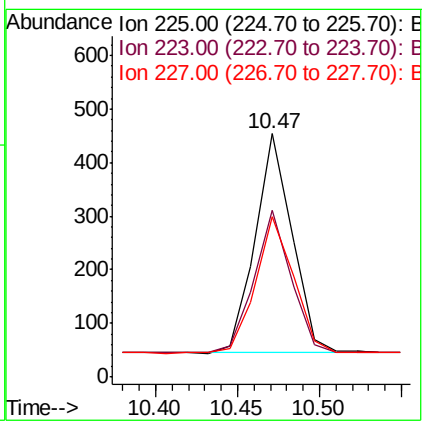


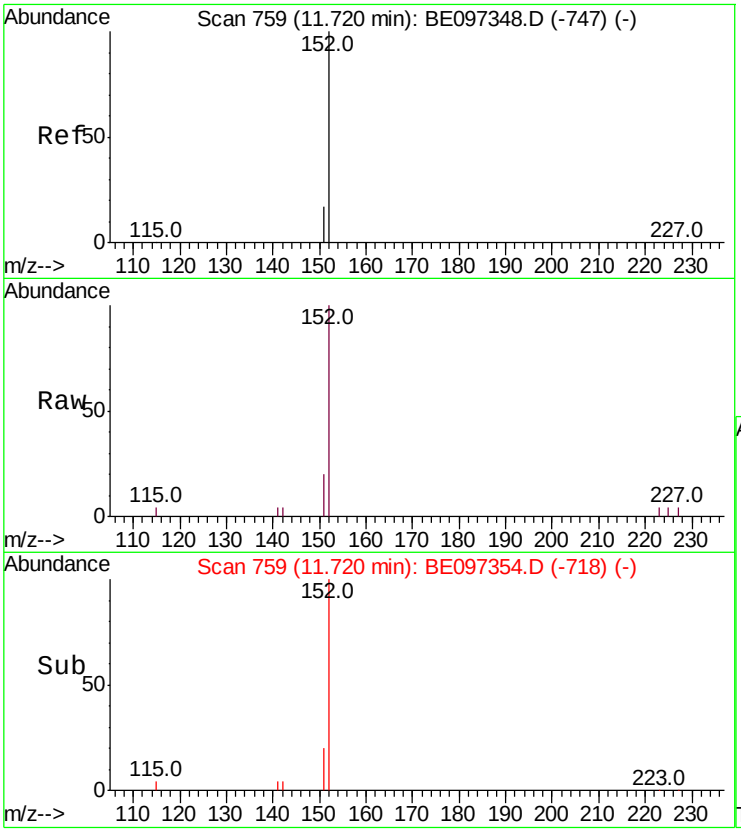


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.47 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:225 Resp: 636

Ion	Ratio	Lower	Upper
225	100		
223	65.3	53.0	79.6
227	65.3	51.4	77.2



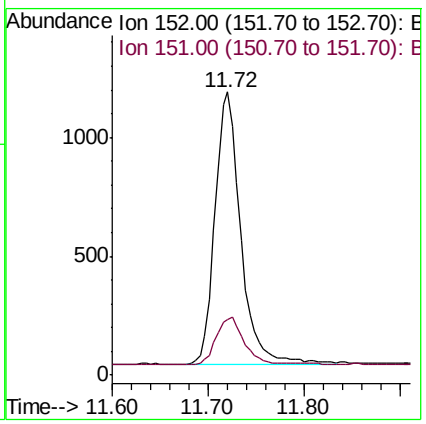


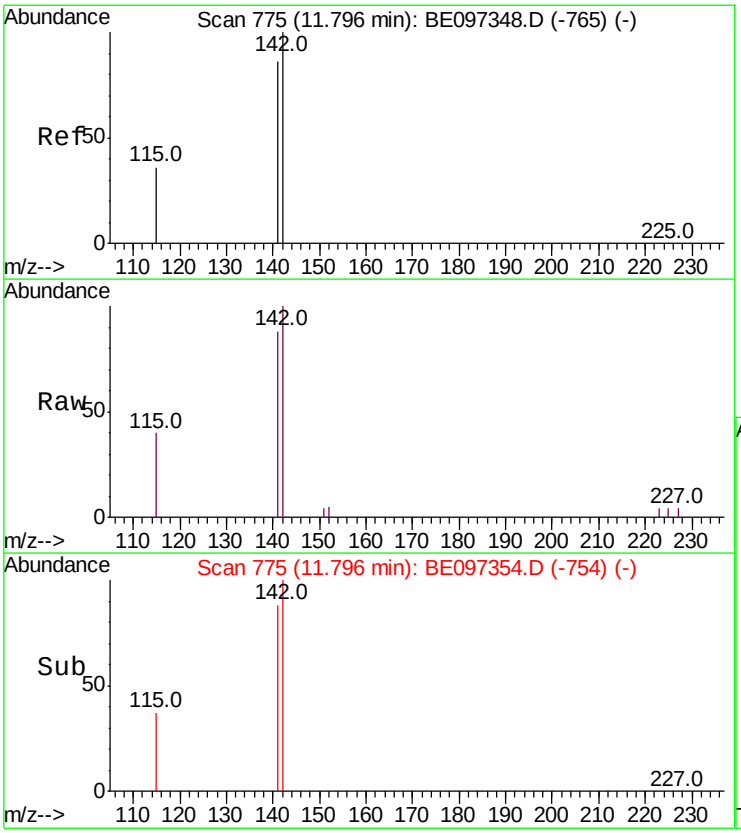
#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2107

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.4	23.0

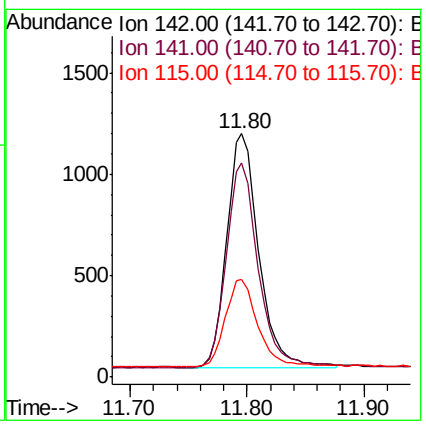


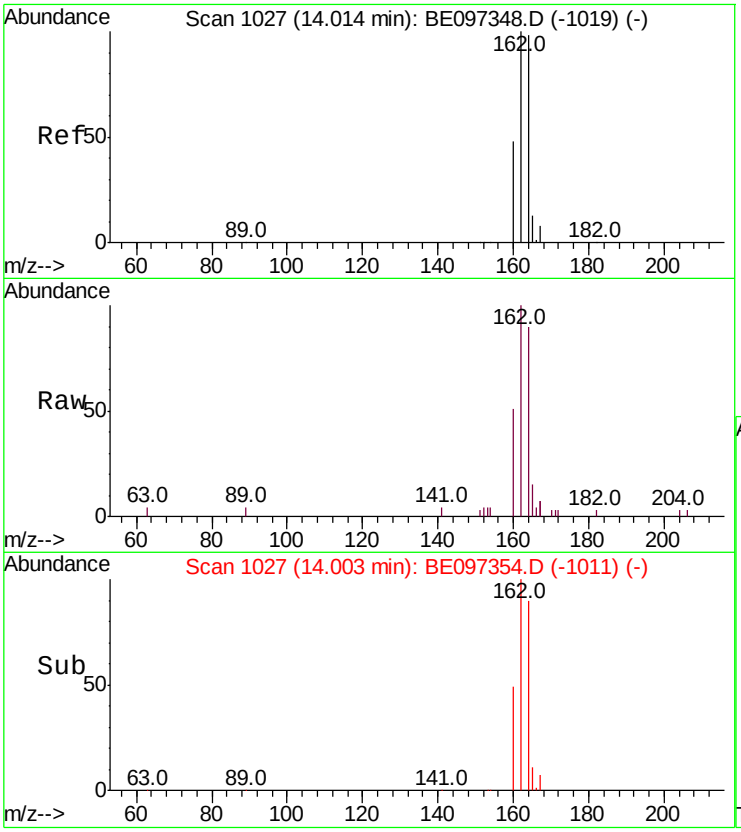


#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 11.80 min Scan# 775
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:142 Resp: 2186

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	40.3	31.7	47.5



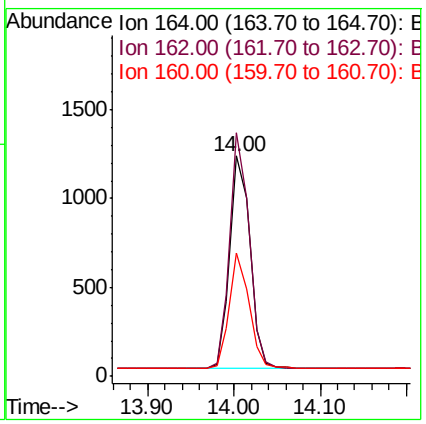


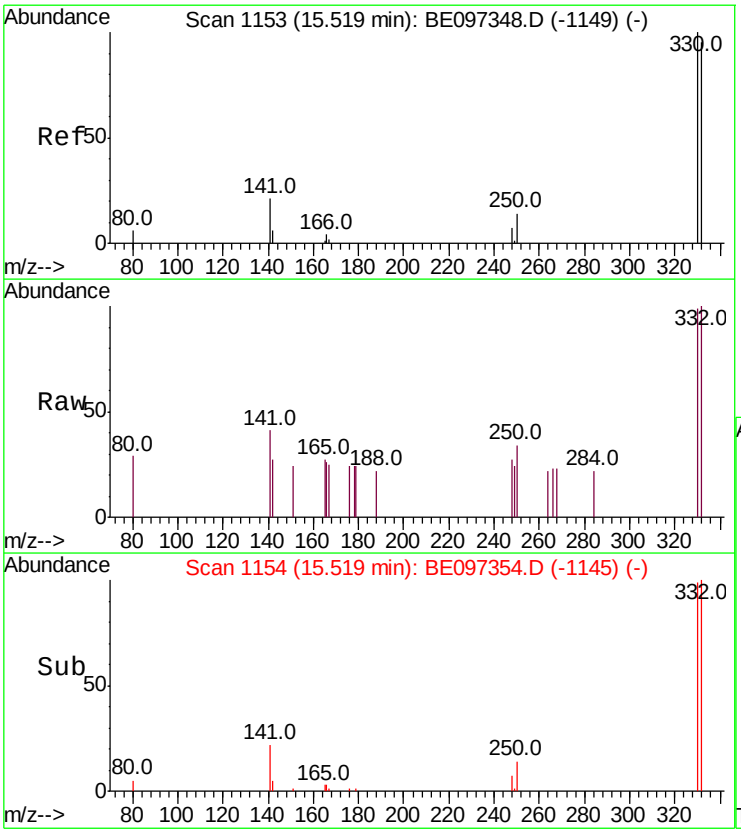
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1947

Ion	Ratio	Lower	Upper
164	100		
162	110.7	83.1	124.7
160	55.9	37.1	55.7#

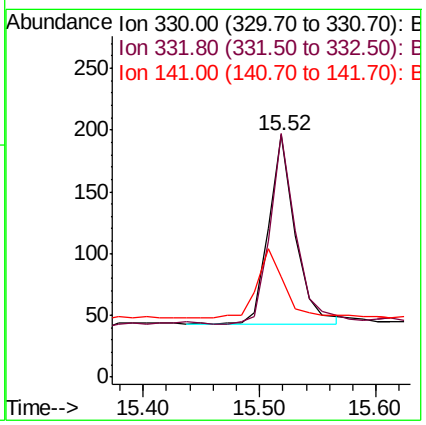


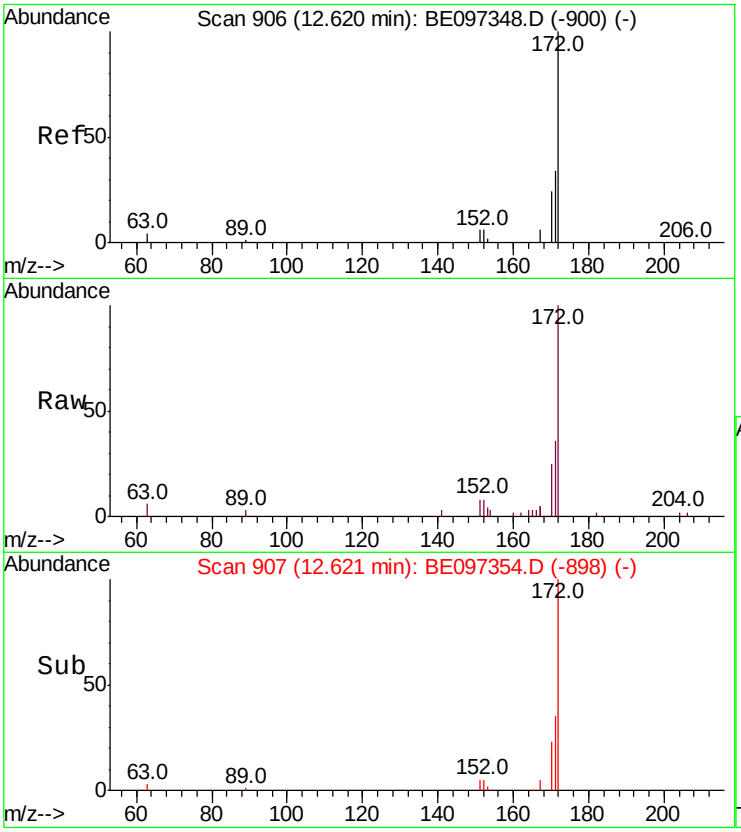


#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:330 Resp: 243

Ion	Ratio	Lower	Upper
330	100		
332	97.9	152.7	229.1#
141	36.6	33.7	50.5



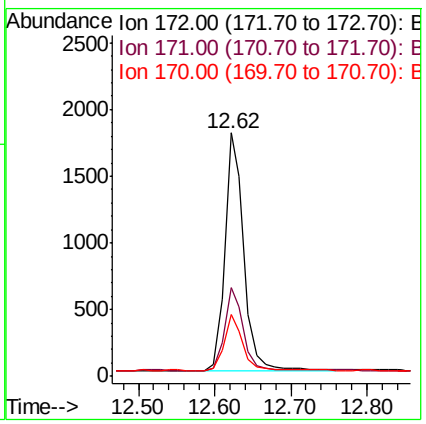


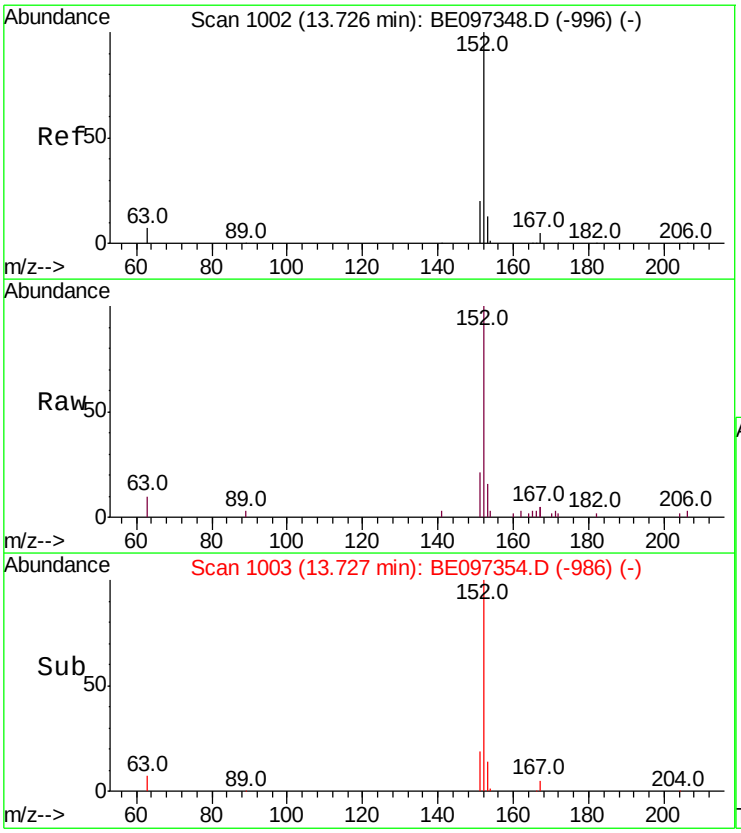
#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3113

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	25.2	21.8	32.8

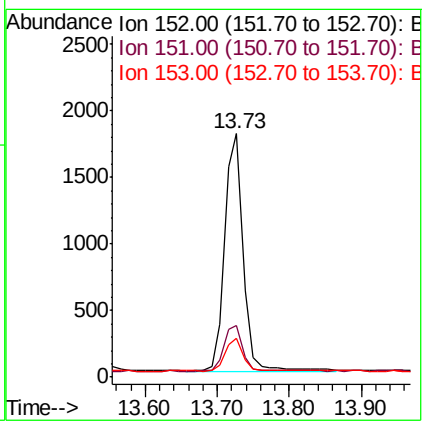


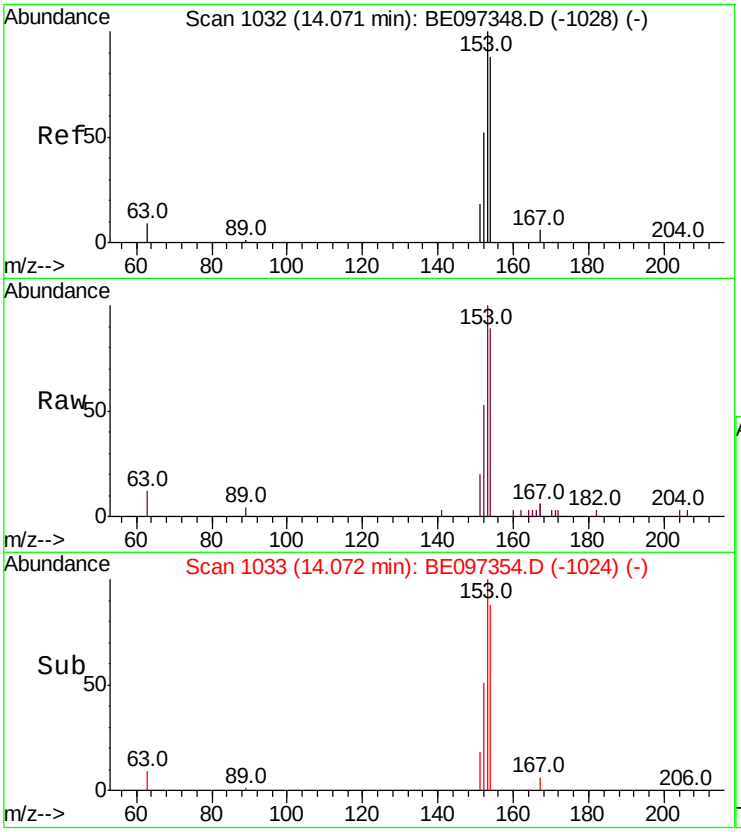


#16
Acenaphthylene
Concen: 0.409 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:152 Resp: 3169

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.5	15.7



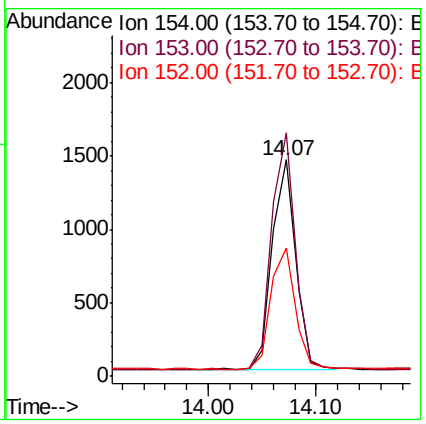


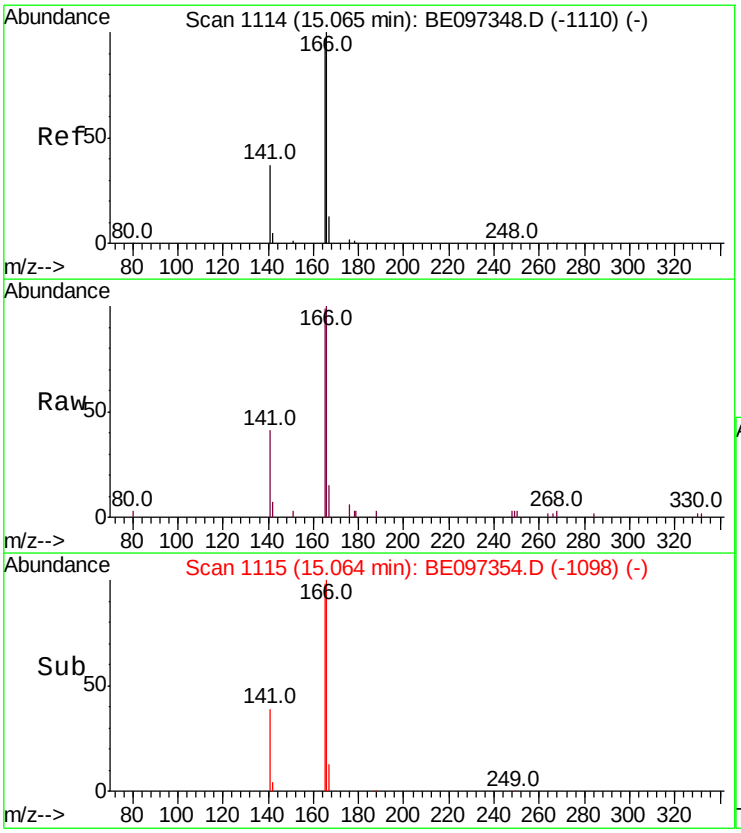
#17
Acenaphthene
Concen: 0.421 ng
RT: 14.07 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2175

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	59.5	42.0	63.0

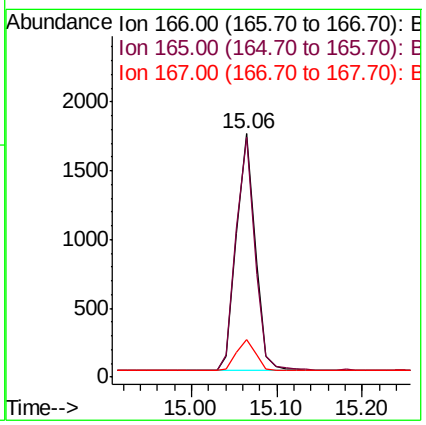


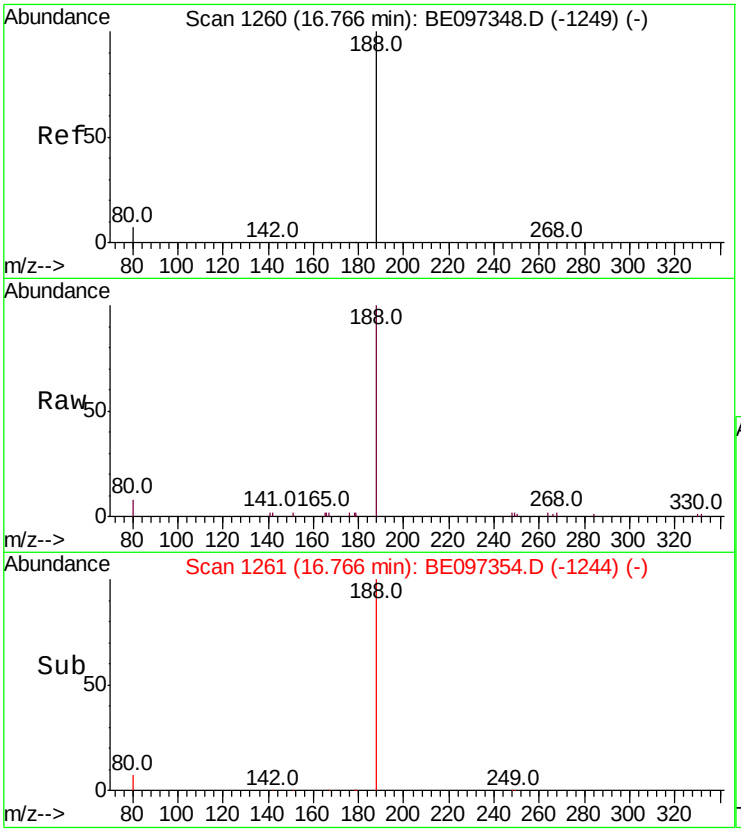


#18
Fluorene
Concen: 0.406 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:166 Resp: 2650

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	13.8	42.4	63.6#



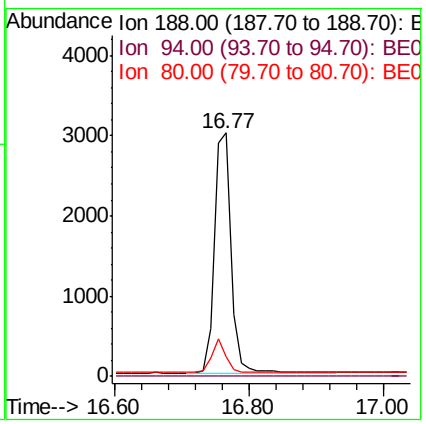


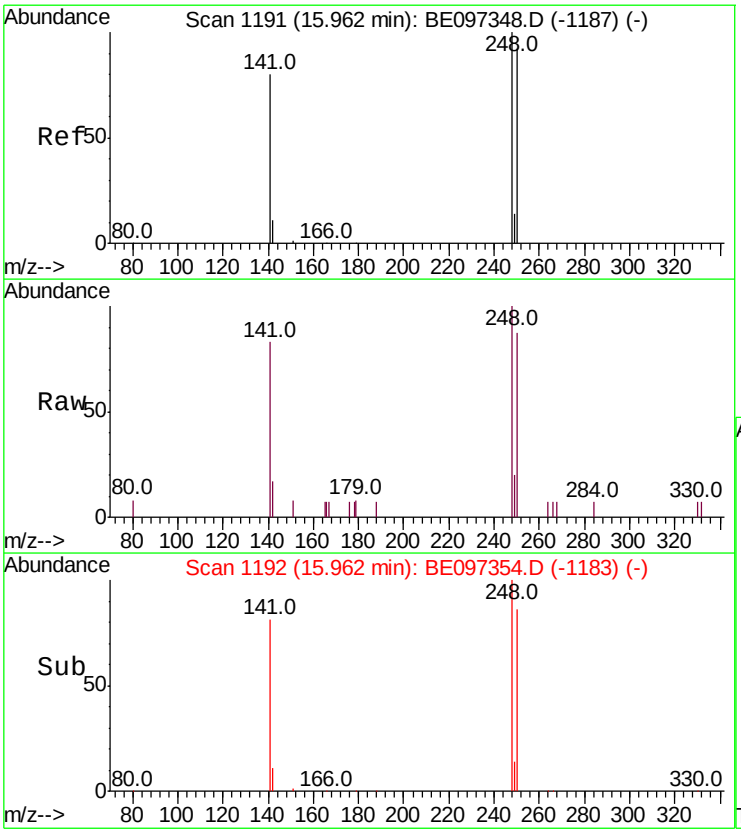
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5225

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#

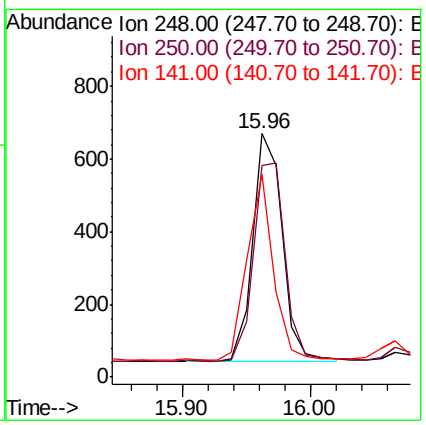


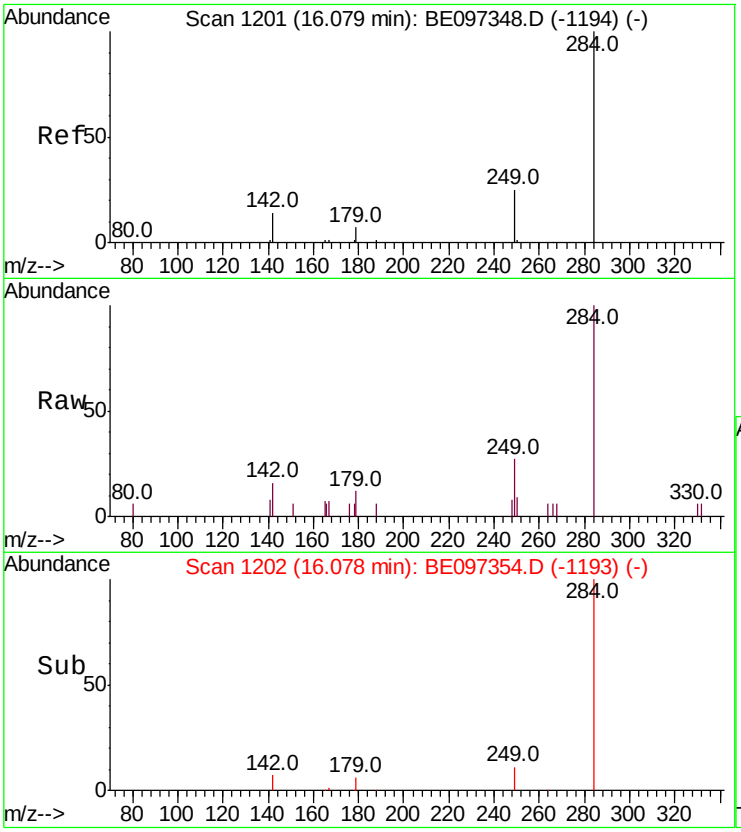


#20
4-Bromophenyl-phenylether
Concen: 0.428 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:248 Resp: 1016

Ion	Ratio	Lower	Upper
248	100		
250	87.2	62.7	94.1
141	83.1	48.2	72.2#



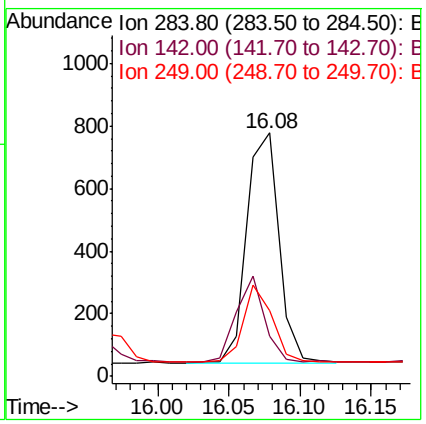


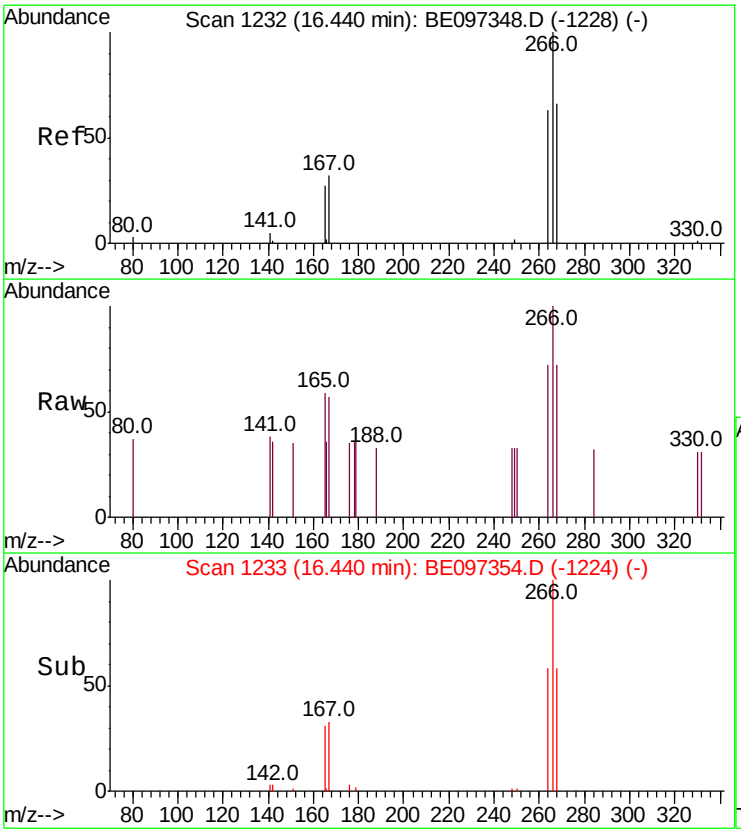
#21
Hexachlorobenzene
Concen: 0.439 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1154

Ion	Ratio	Lower	Upper
284	100		
142	32.4	22.1	33.1
249	29.7	34.8	52.2#

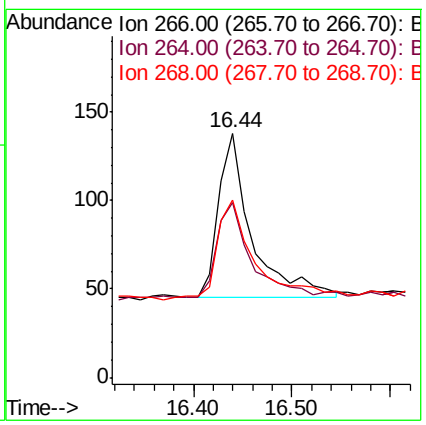


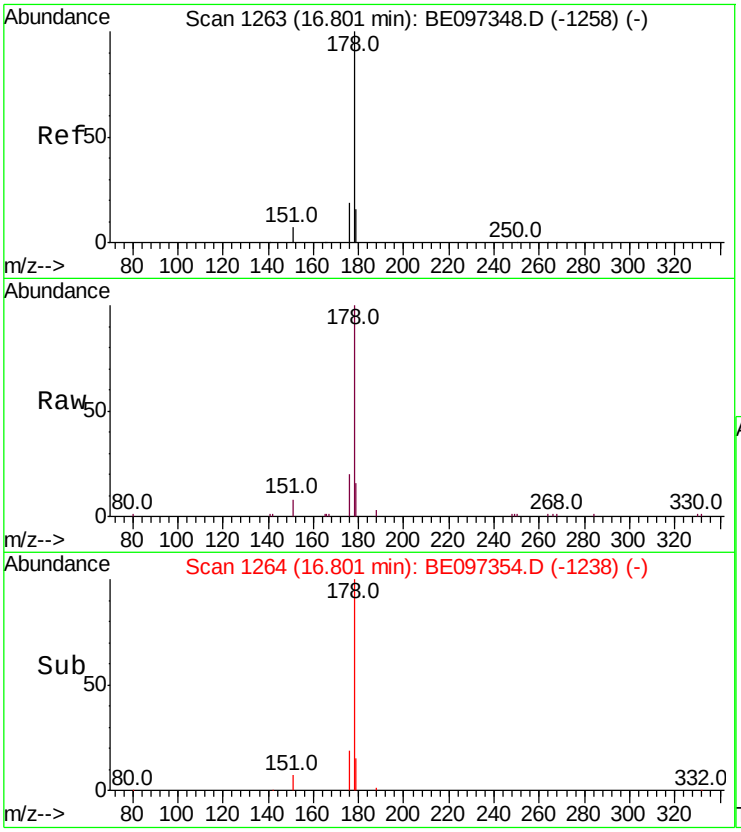


#22
Pentachlorophenol
Concen: 0.417 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:266 Resp: 219

Ion	Ratio	Lower	Upper
266	100		
264	71.7	72.5	108.7#
268	72.5	73.8	110.6#



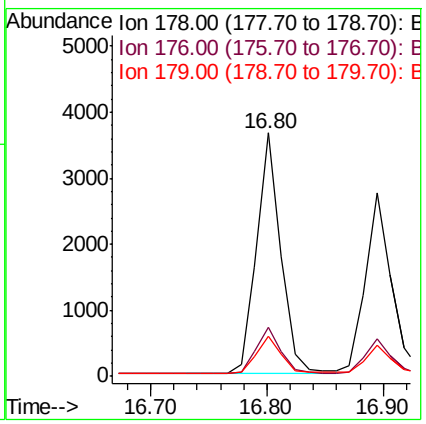


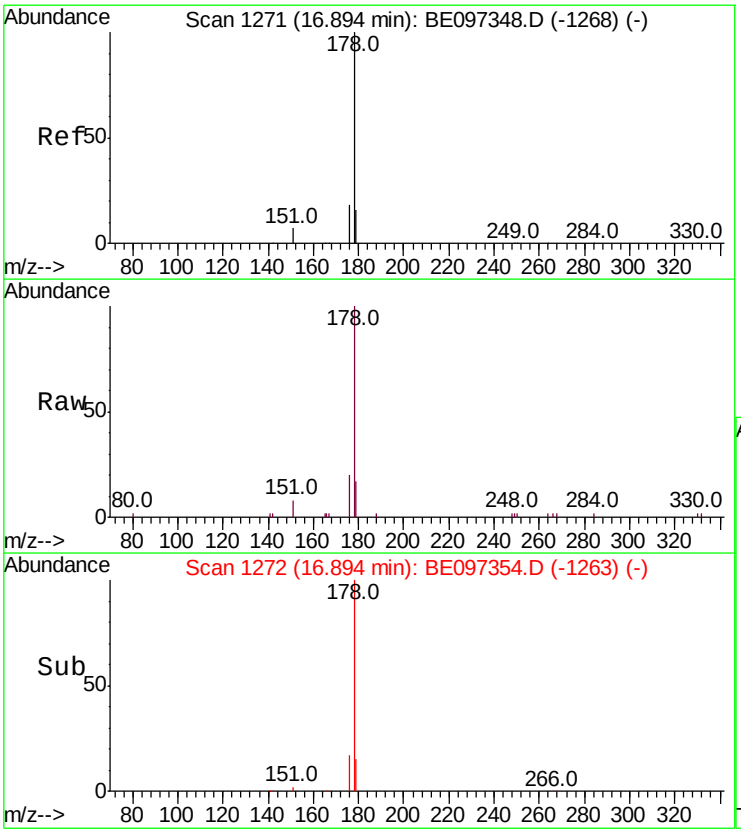
#23
Phenanthrene
Concen: 0.423 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5255

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.6	11.8	17.6

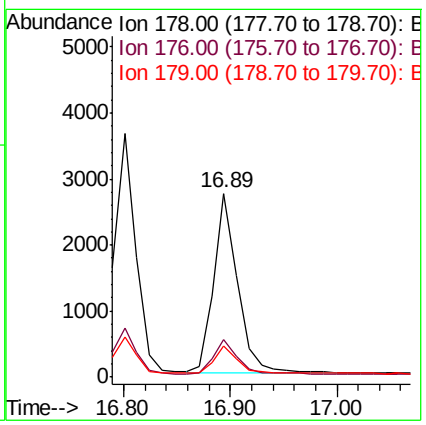


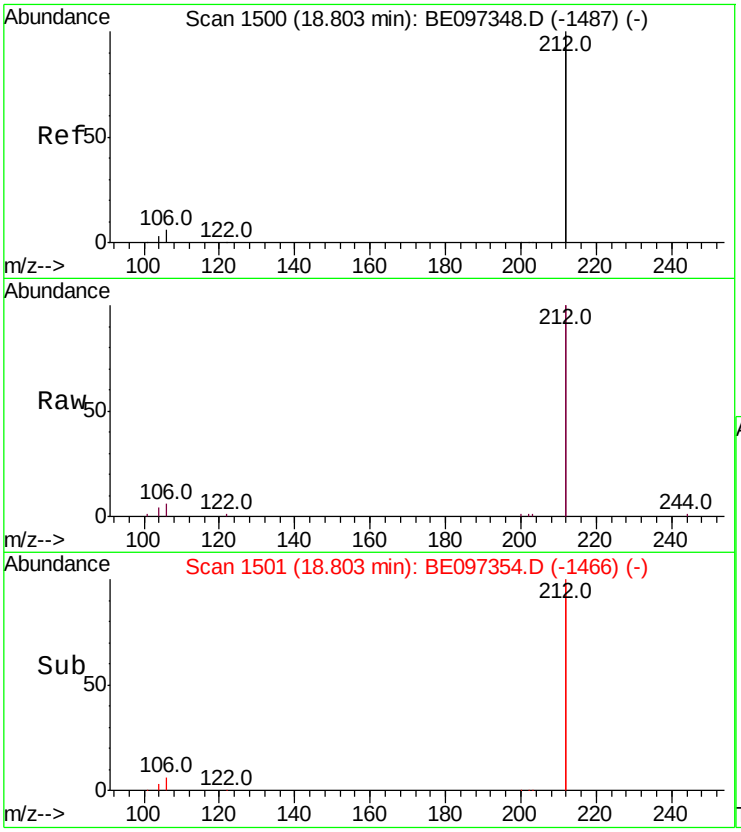


#24
Anthracene
Concen: 0.399 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:178 Resp: 4223

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	14.8	13.0	19.6



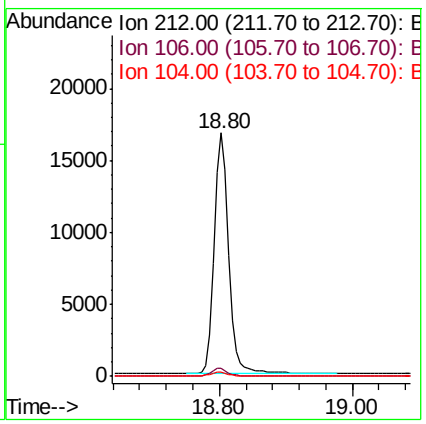


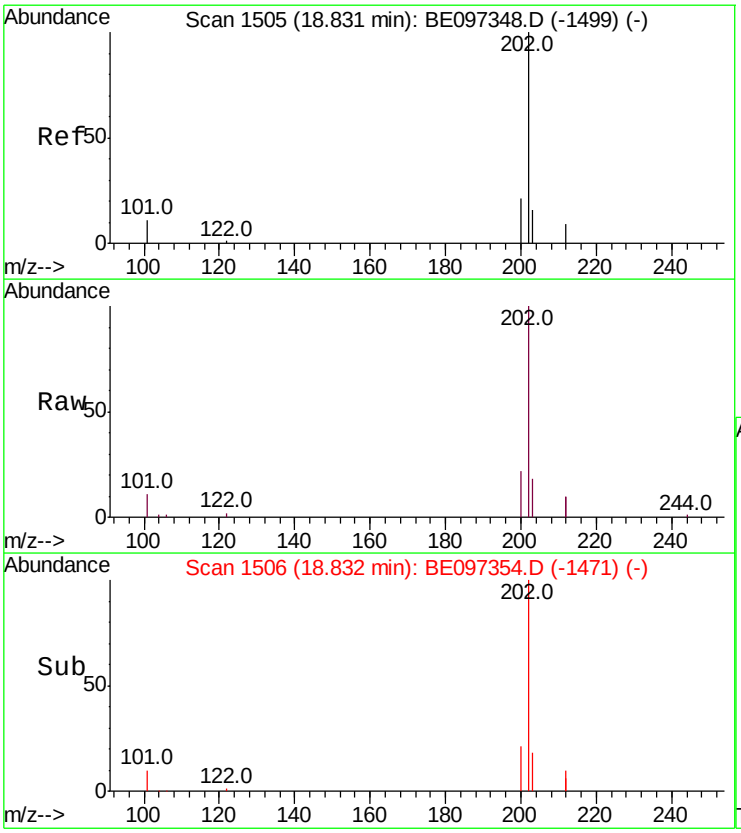
#25
Fluoranthene-d10
Concen: 0.420 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 25188

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

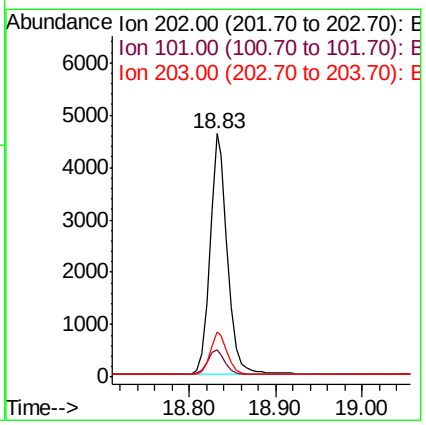


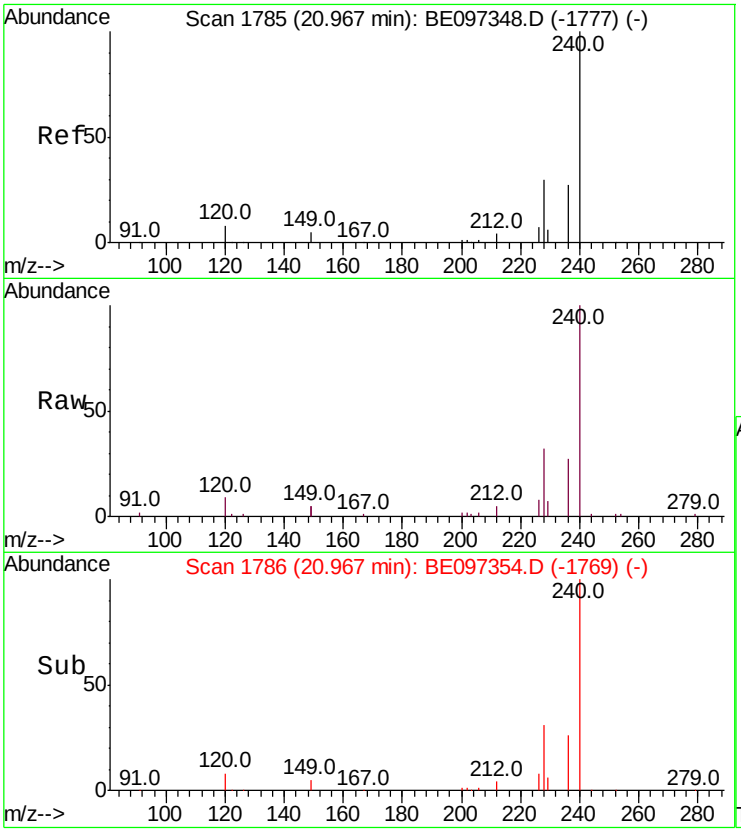


#26
Fluoranthene
Concen: 0.420 ng
RT: 18.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:202 Resp: 6550

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.8	14.8
203	17.4	13.7	20.5



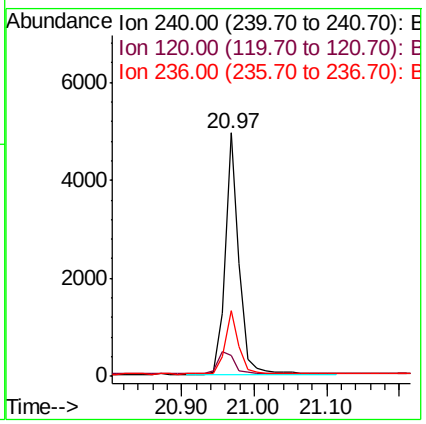


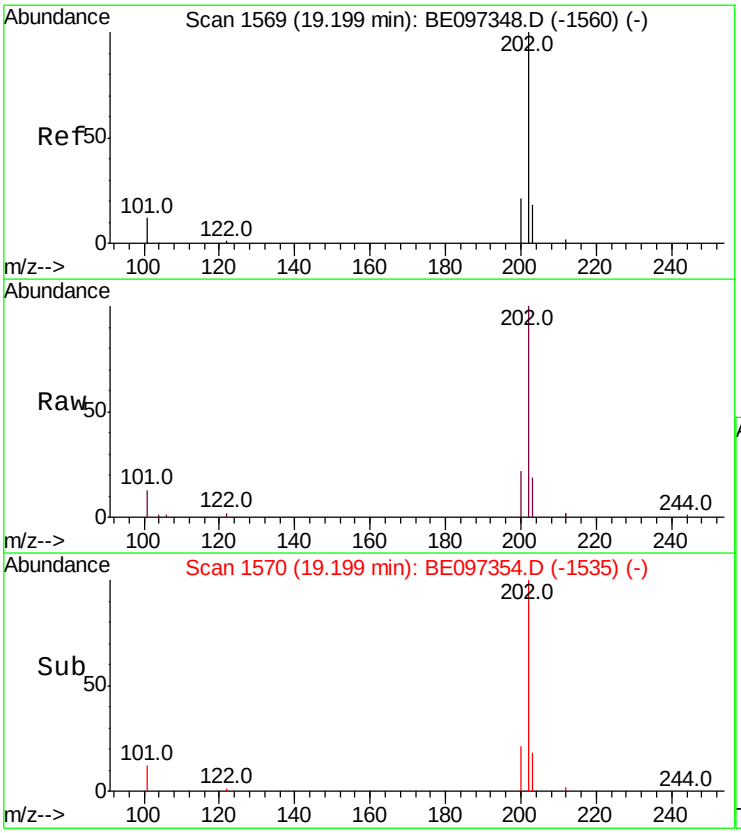
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6680

Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.5	8.3#
236	27.0	20.7	31.1

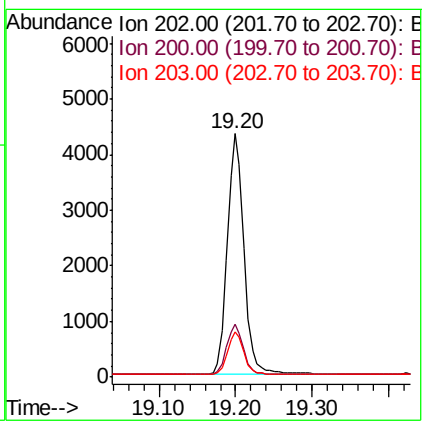


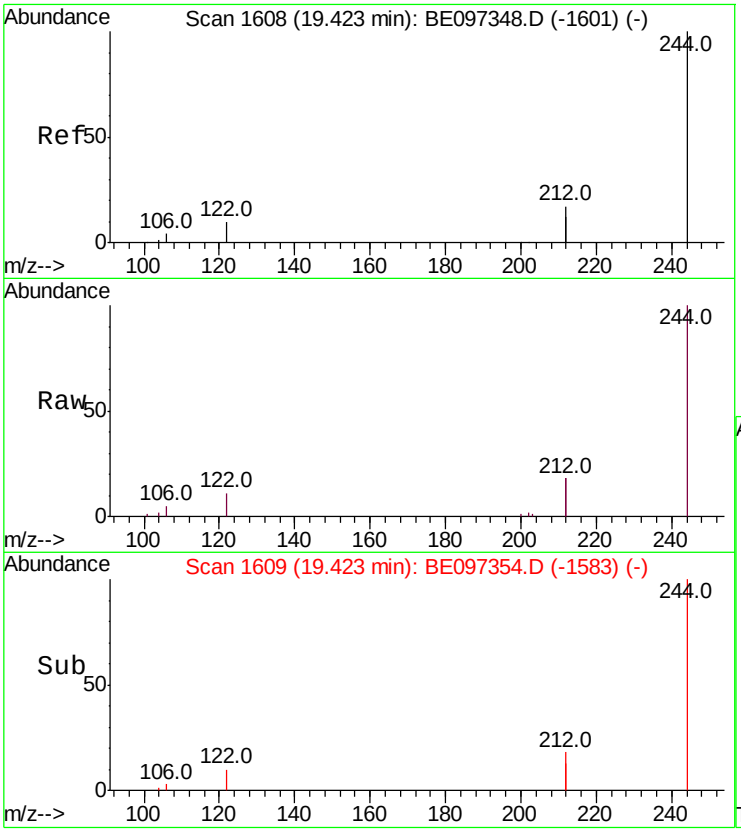


#28
Pyrene
Concen: 0.417 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:202 Resp: 6631

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.3	13.8	20.8



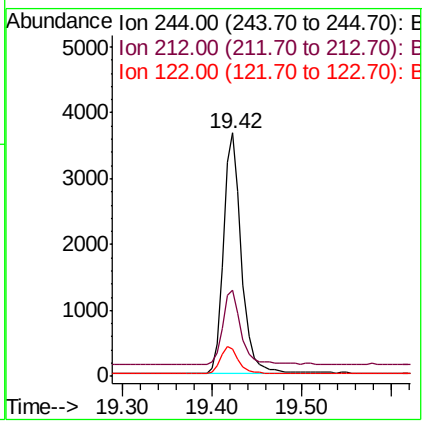


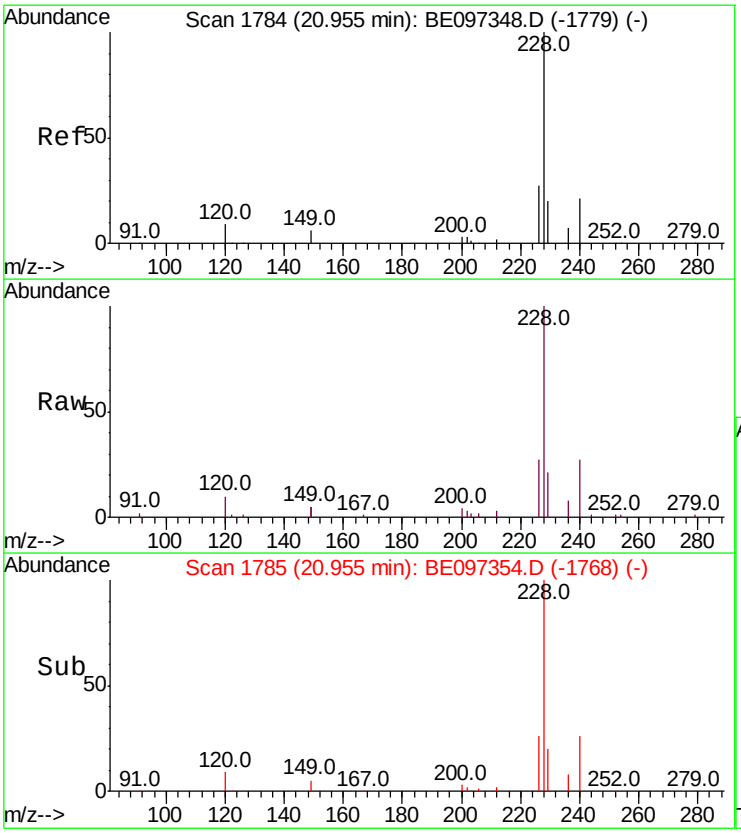
#29
Terphenyl-d14
Concen: 0.406 ng
RT: 19.42 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5006

Ion	Ratio	Lower	Upper
244	100		
212	35.4	25.4	38.0
122	11.0	8.1	12.1

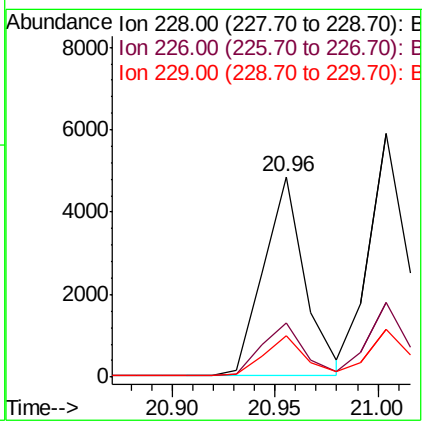


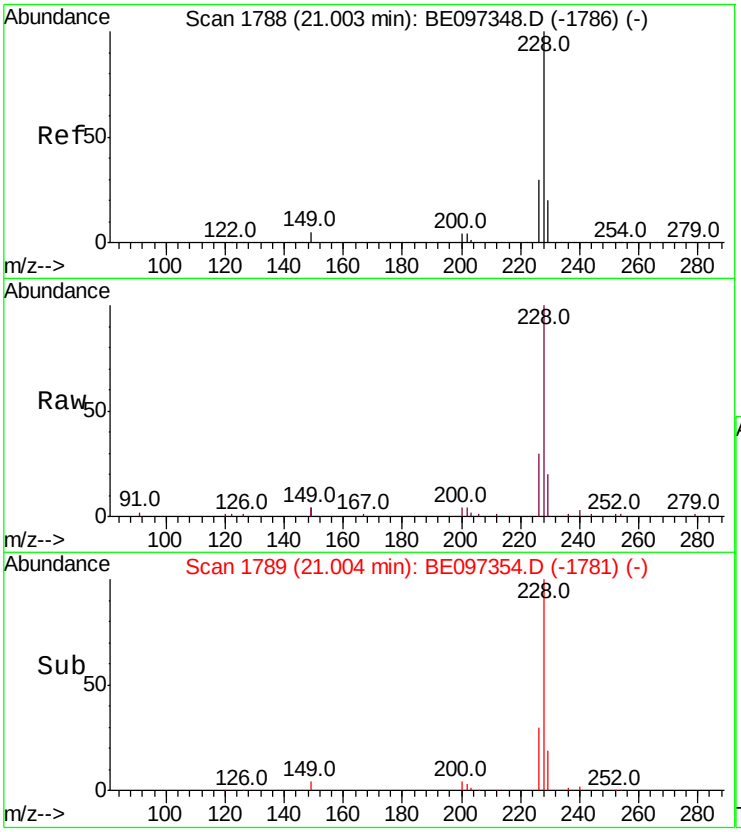


#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 20.96 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:228 Resp: 6759

Ion	Ratio	Lower	Upper
228	100		
226	26.8	24.0	36.0
229	20.7	16.0	24.0



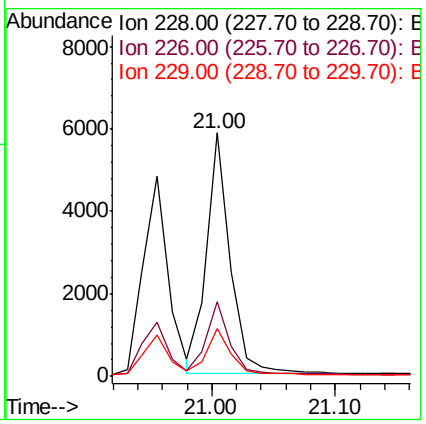


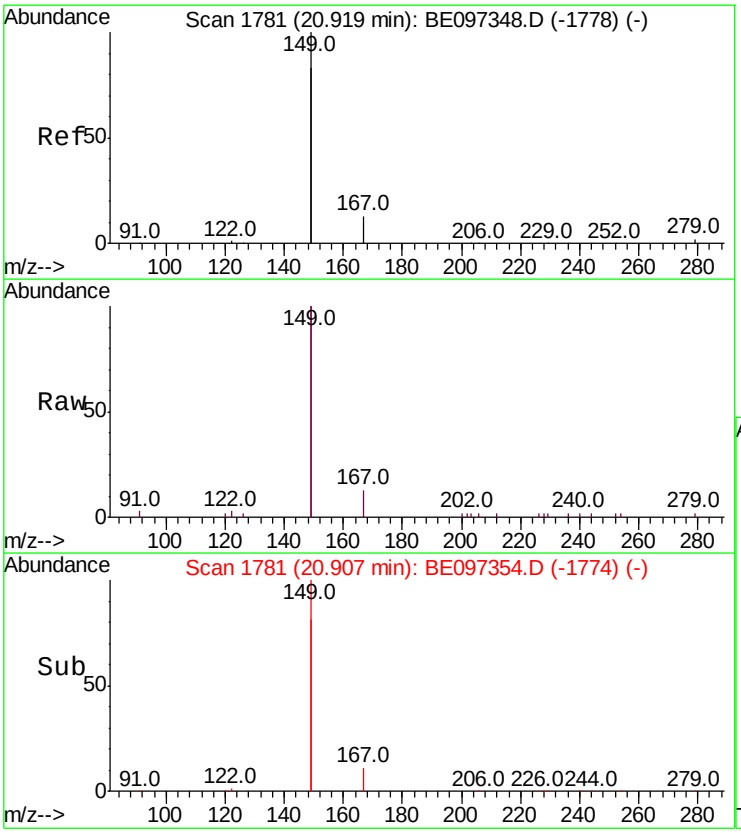
#31
Chrysene
Concen: 0.421 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 7664

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	19.8	16.0	24.0

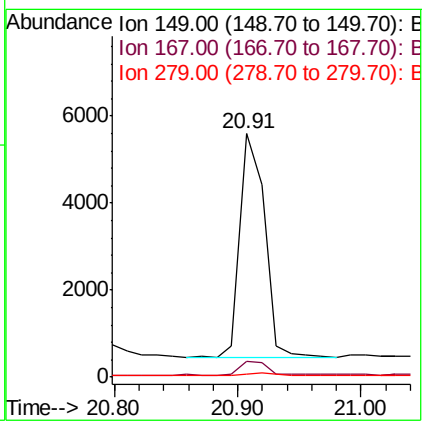


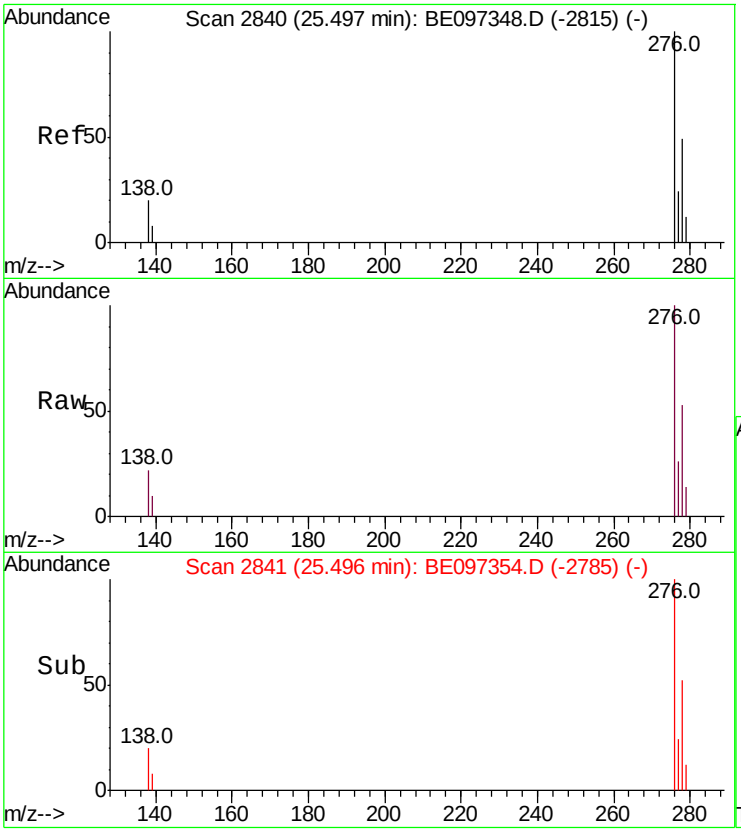


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 20.91 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:149 Resp: 7176

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.7	1.1



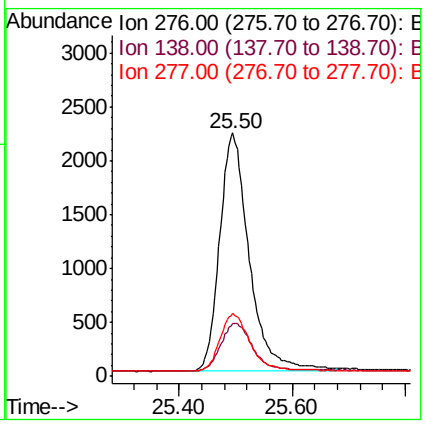


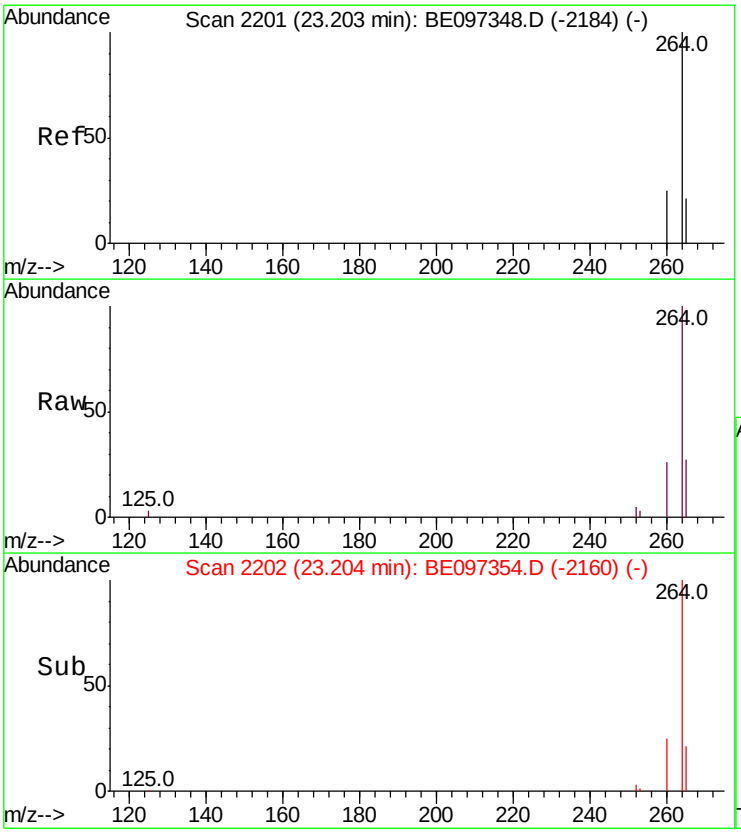
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng
RT: 25.50 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8061

Ion	Ratio	Lower	Upper
276	100		
138	21.3	22.5	33.7#
277	24.6	19.9	29.9

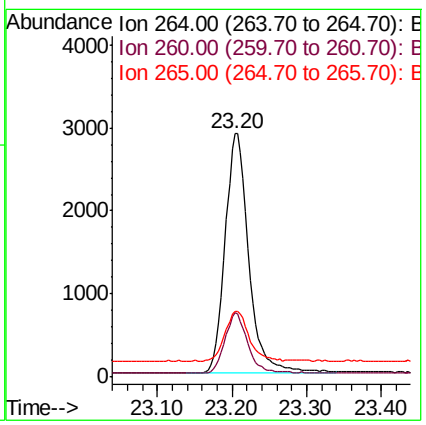


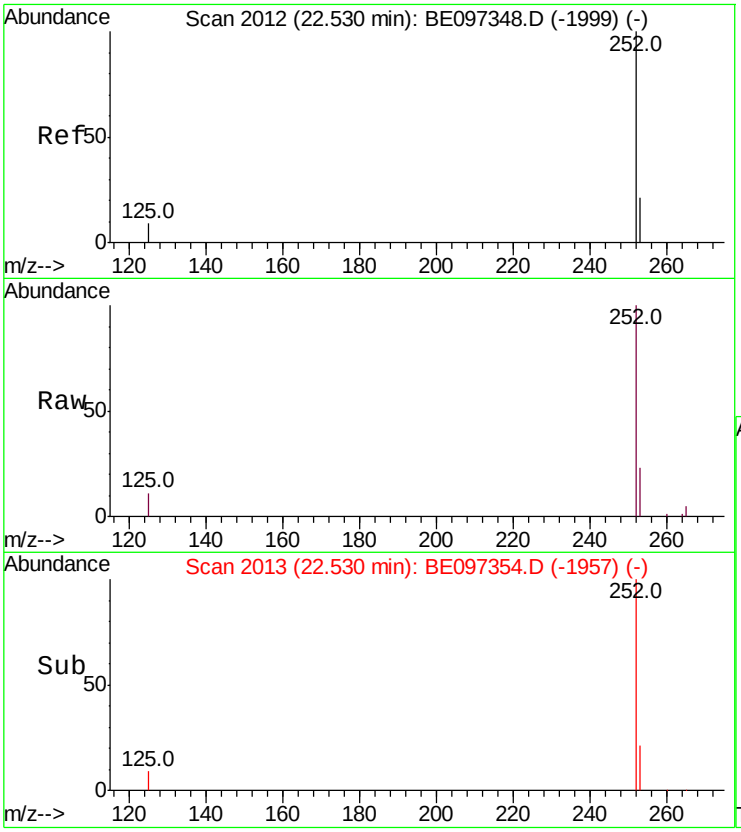


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:264 Resp: 6355

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.5	30.7
265	26.9	22.8	34.2



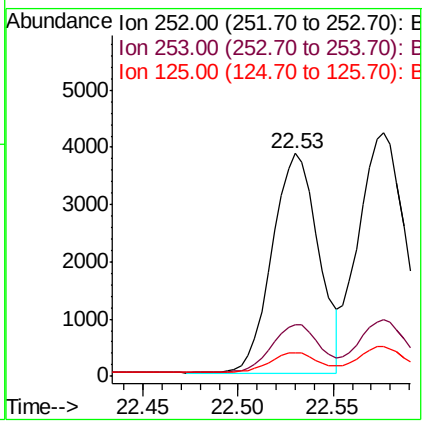


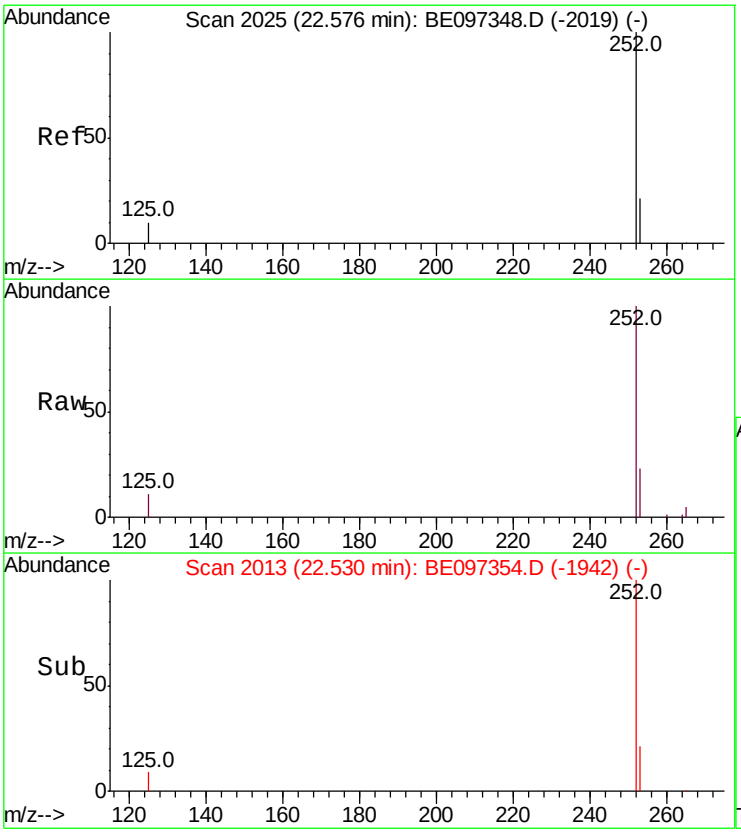
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6513

Ion	Ratio	Lower	Upper
252	100		
253	23.0	20.0	30.0
125	10.7	16.0	24.0#

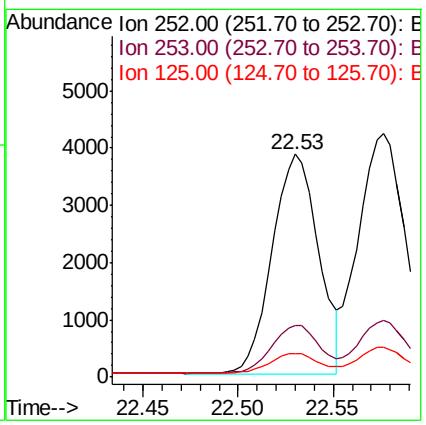


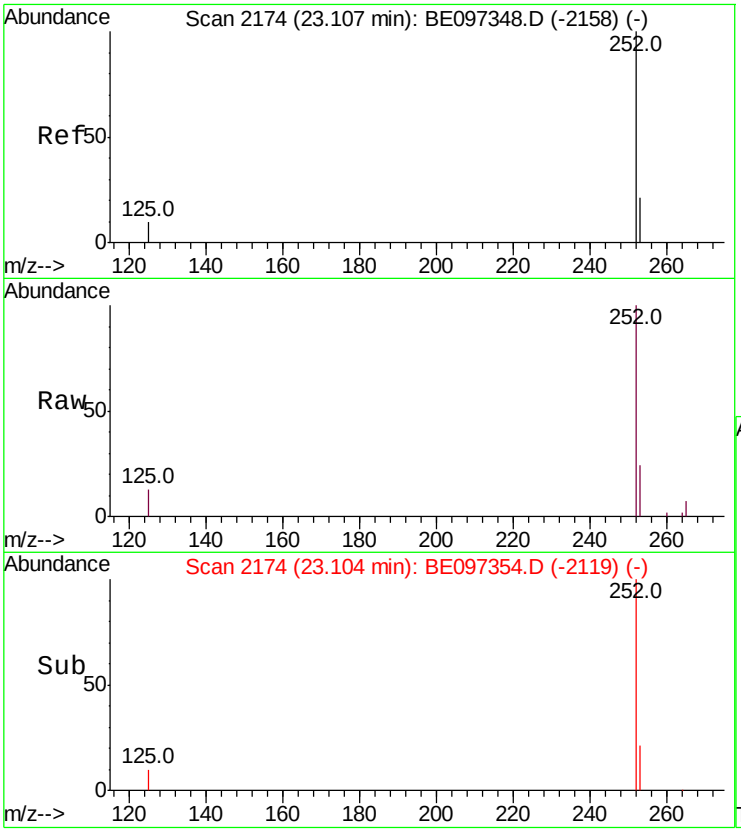


#36
Benzo(k)fluoranthene
Concen: 0.348 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.05 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:252 Resp: 6513

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	10.7	8.0	12.0



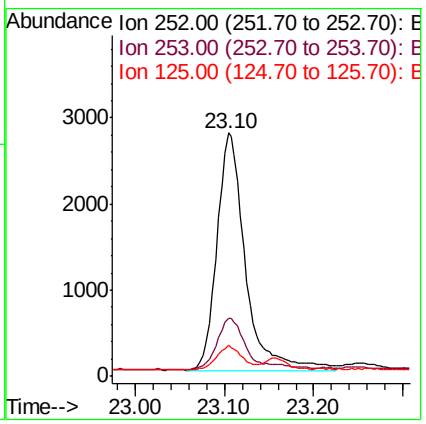


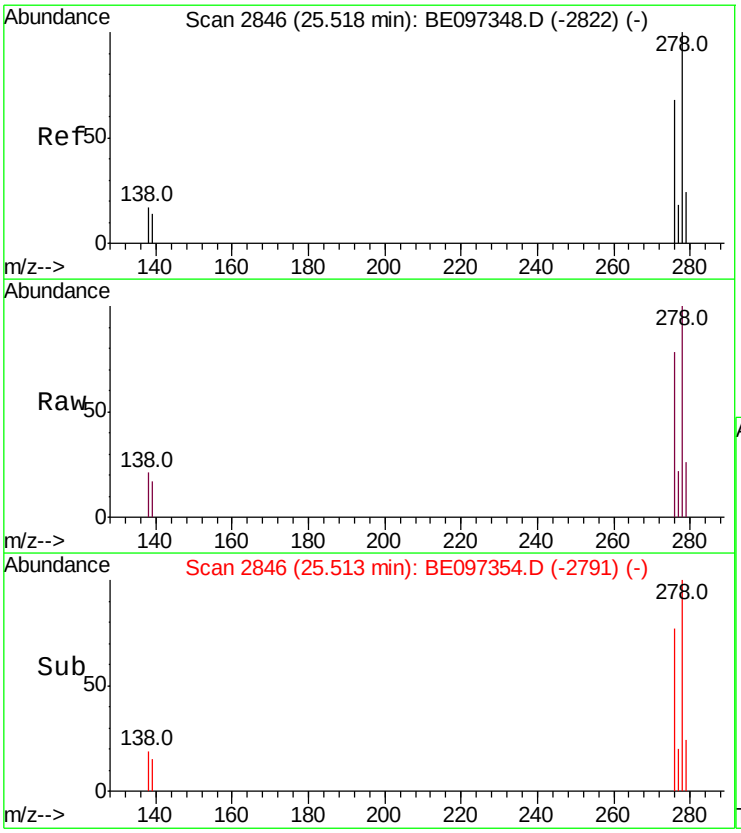
#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.10 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6185

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	13.0	12.0	18.0

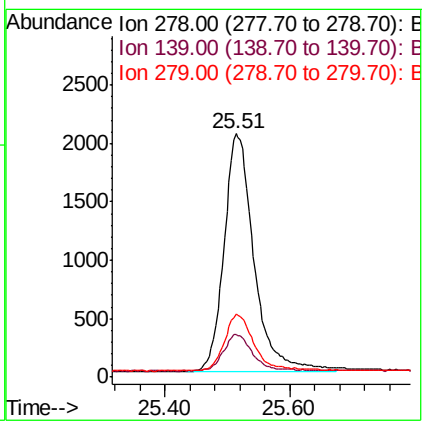


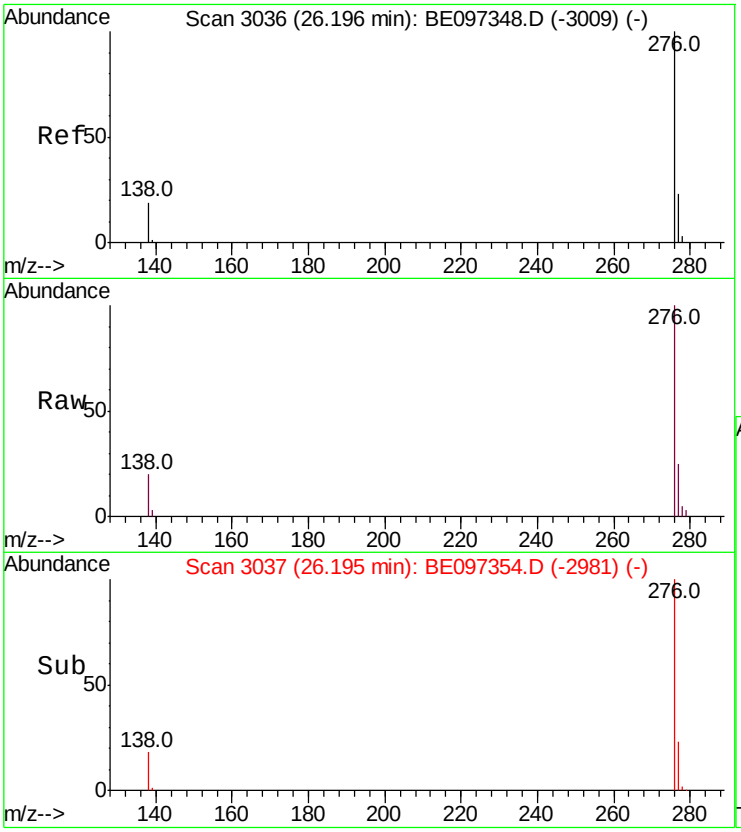


#38
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Tgt Ion:278 Resp: 6827

Ion	Ratio	Lower	Upper
278	100		
139	17.3	16.0	24.0
279	25.7	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.338 ng
RT: 26.19 min Scan# 3037
Delta R.T. -0.00 min
Lab File: BE097354.D
Acq: 23 Aug 2018 10:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6849

Ion	Ratio	Lower	Upper
276	100		
277	24.8	16.0	24.0#
138	20.1	20.0	30.0