Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082018\
Data File : BE097344.D
Acq On : 20 Aug 2018 22:34
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 21 00:50:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 20 18:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1096	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6188	0.40	ng		0.01
13) Acenaphthene-d10	14.01	164	3406	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	7949	0.40	ng		0.00
27) Chrysene-d12	20.97	240	7487	0.40	ng		-0.01
34) Perylene-d12	23.22	264	6471	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1276	0.51	ng		0.00
5) Phenol-d6	6.59	99	1932	0.52	ng		0.00
8) Nitrobenzene-d5	8.52	82	1502	0.57	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	3670	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	329	0.51	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	5160	0.37	ng		0.00
25) Fluoranthene-d10	18.80	212	30910	0.44	ng		0.00
29) Terphenyl-d14	19.42	244	6145	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	652	0.398	ng	#	87
3) n-Nitrosodimethylamine	3.38	42	710	0.468	ng	#	91
6) bis(2-Chloroethyl)ether	6.84	93	1642	0.443	ng		95
9) Naphthalene	10.18	128	23030	0.406	ng		100
10) Hexachlorobutadiene	10.48	225	952	0.382	ng		97
12) 2-Methylnaphthalene	11.80	142	3717	0.435	ng		99
16) Acenaphthylene	13.73	152	5292	0.408	ng		100
17) Acenaphthene	14.07	154	3690	0.403	ng		94
18) Fluorene	15.06	166	4411	0.394	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	1530	0.426	ng	#	83
21) Hexachlorobenzene	16.08	284	1838	0.382	ng	#	81
22) Pentachlorophenol	16.44	266	238	0.643	ng		85
23) Phenanthrene	16.80	178	7777	0.401	ng		99
24) Anthracene	16.89	178	6421	0.447	ng		96
26) Fluoranthene	18.84	202	8229	0.441	ng		98
28) Pyrene	19.20	202	8762	0.436	ng		100
30) Benzo(a)anthracene	20.96	228	6952	0.432	ng		98
31) Chrysene	21.00	228	8496	0.403	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	5657	0.636	ng		100
33) Indeno(1,2,3-cd)pyrene	25.54	276	6607	0.493	ng	#	91
35) Benzo(b)fluoranthene	22.54	252	6197	0.363	ng	#	89
36) Benzo(k)fluoranthene	22.54	252	6197	0.259	ng		94
37) Benzo(a)pyrene	23.12	252	6408	0.412	ng		94
38) Dibenzo(a,h)anthracene	25.55	278	4953	0.373	ng		98
39) Benzo(g,h,i)perylene	26.22	276	5161	0.386	ng	#	92

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

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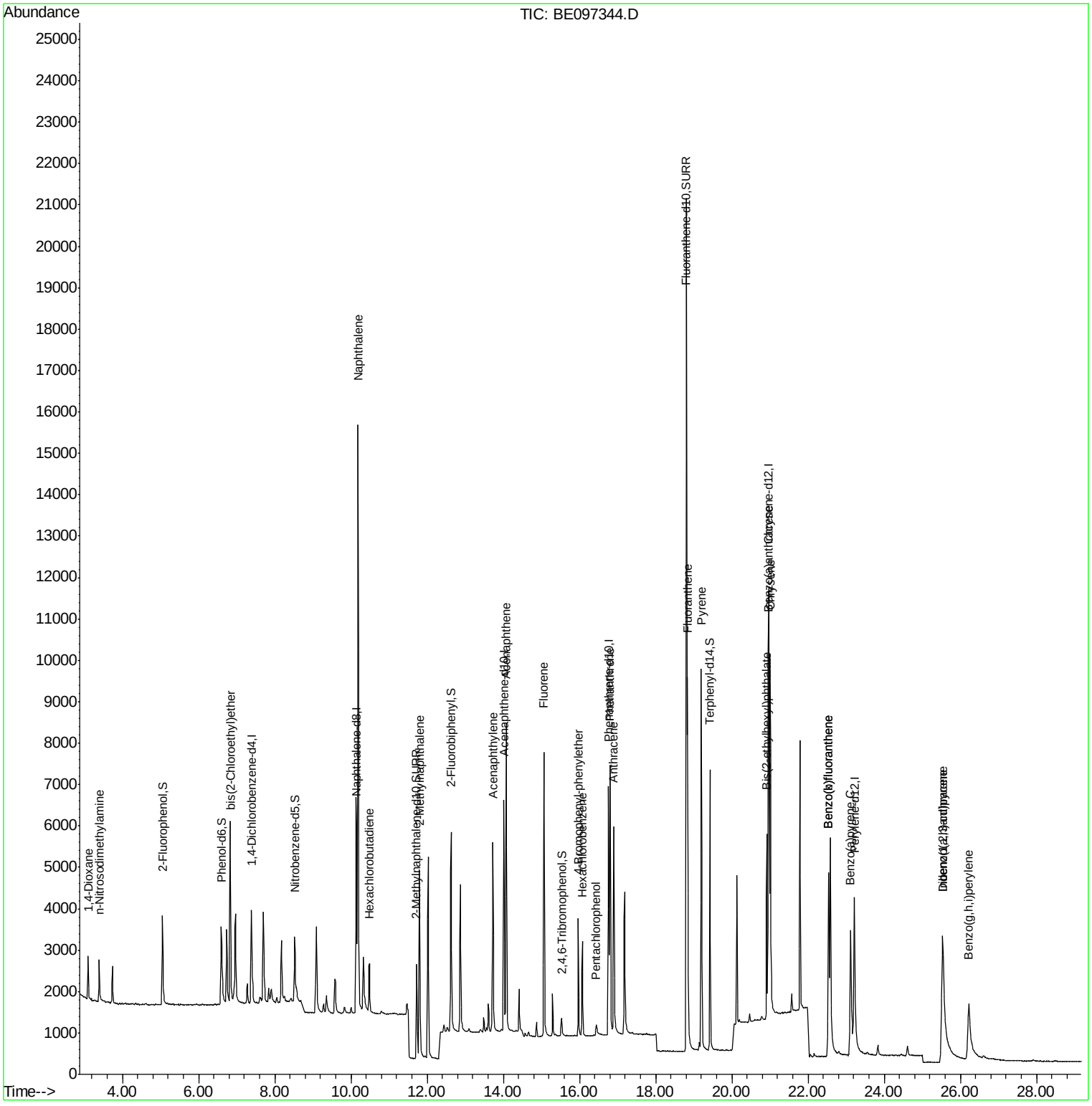
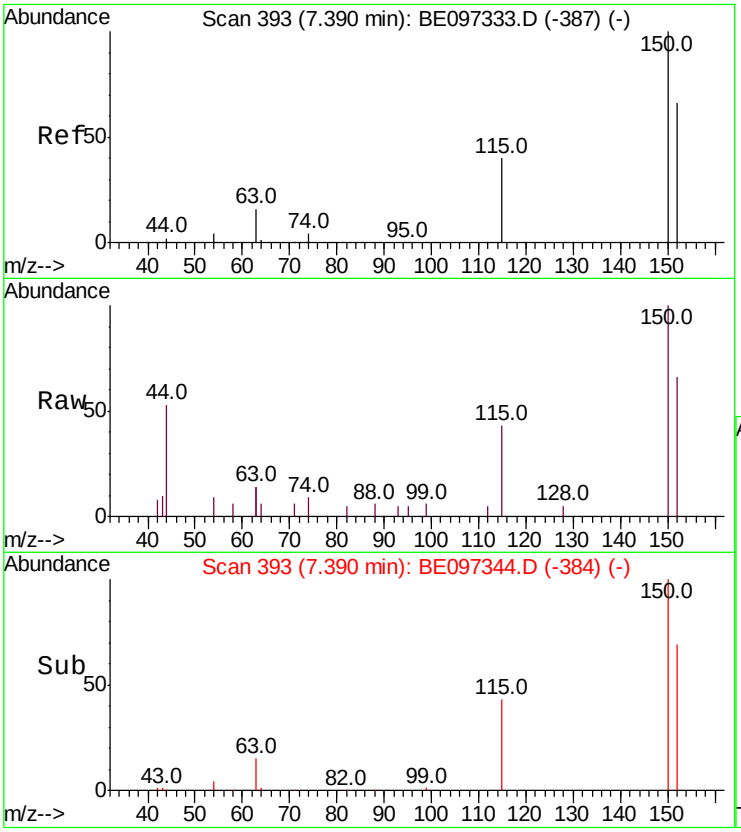
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 20 18:32:10 2018
Response via : Initial Calibration



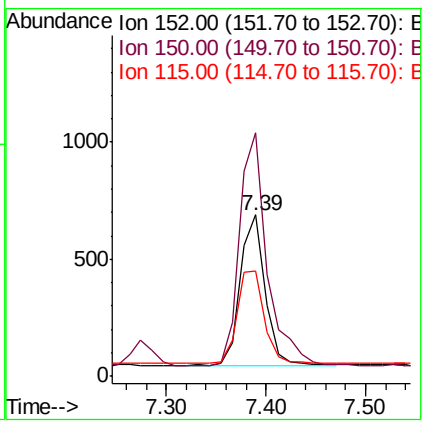


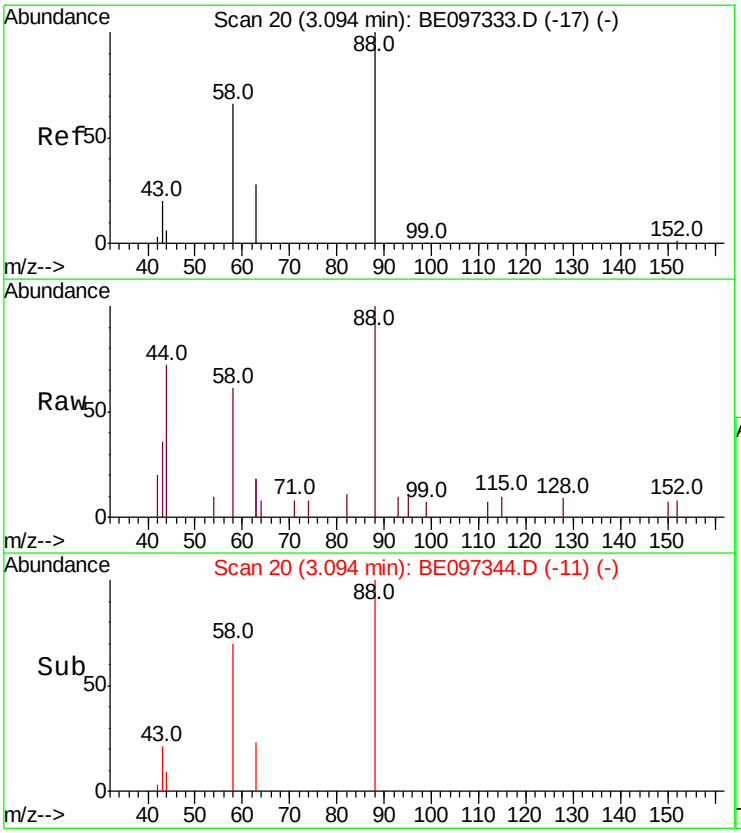
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1096

Ion	Ratio	Lower	Upper
152	100		
150	150.7	117.2	175.8
115	65.4	57.0	85.6

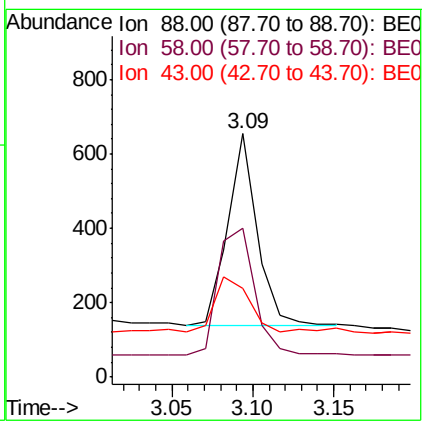


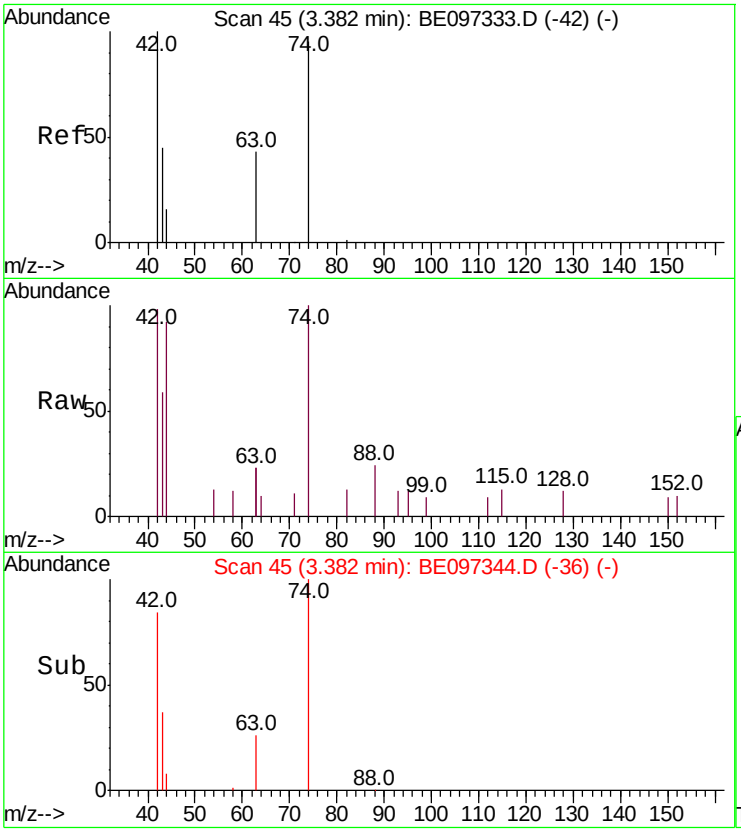


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion: 88 Resp: 652

Ion	Ratio	Lower	Upper
88	100		
58	82.4	63.2	94.8
43	33.3	41.2	61.8#



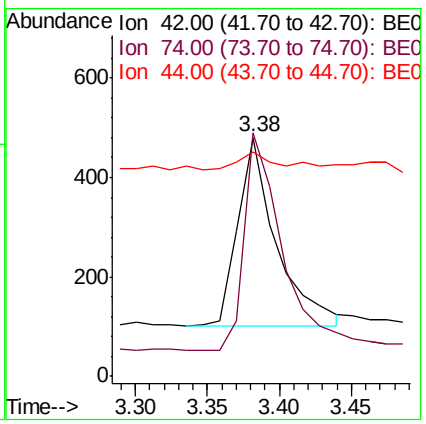


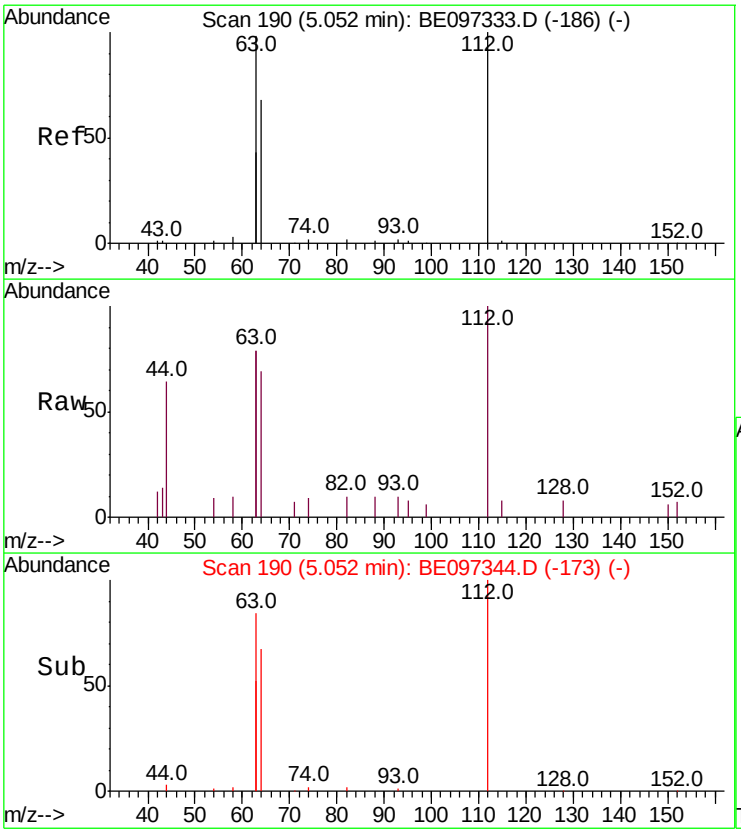
#3
n-Nitrosodimethylamine
Concen: 0.468 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 710

Ion	Ratio	Lower	Upper
42	100		
74	111.4	96.0	144.0
44	7.0	12.0	18.0#

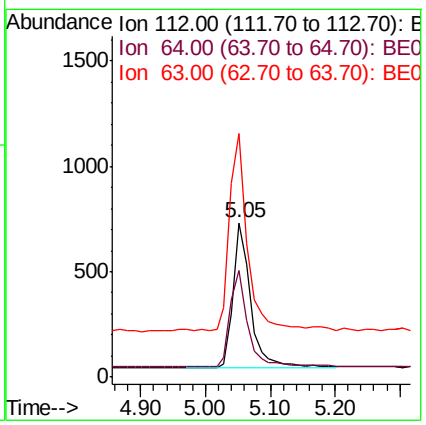


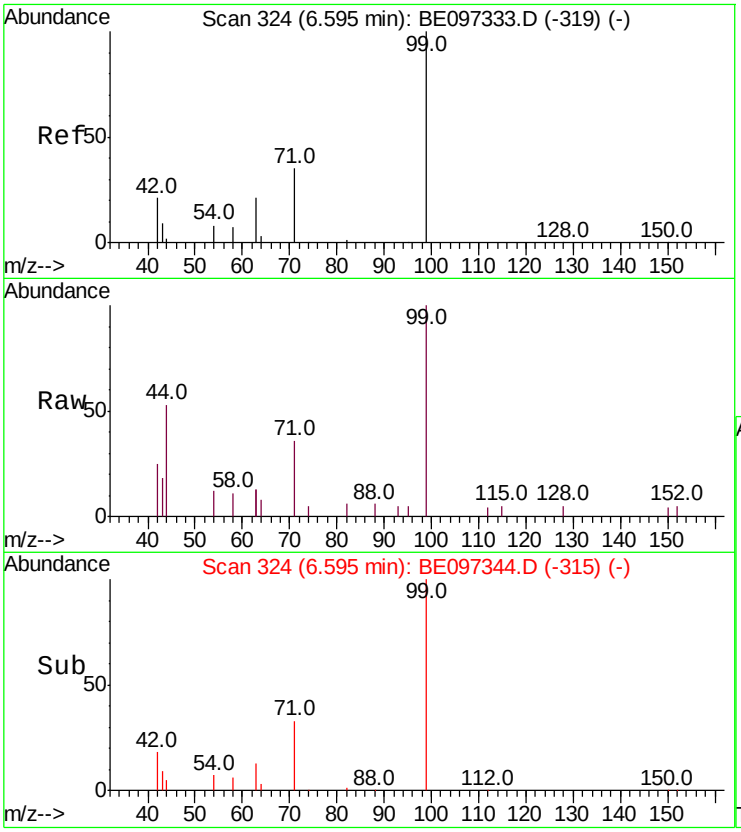


#4
2-Fluorophenol
Concen: 0.508 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:112 Resp: 1276

Ion	Ratio	Lower	Upper
112	100		
64	66.5	60.1	90.1
63	140.2	116.8	175.2



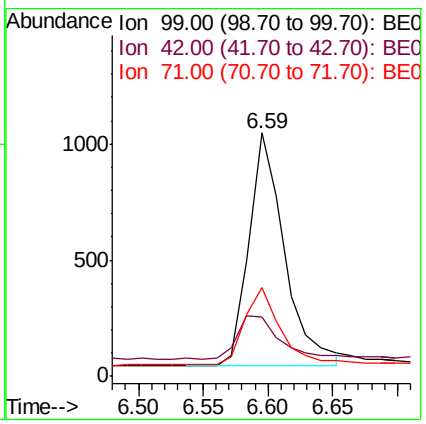


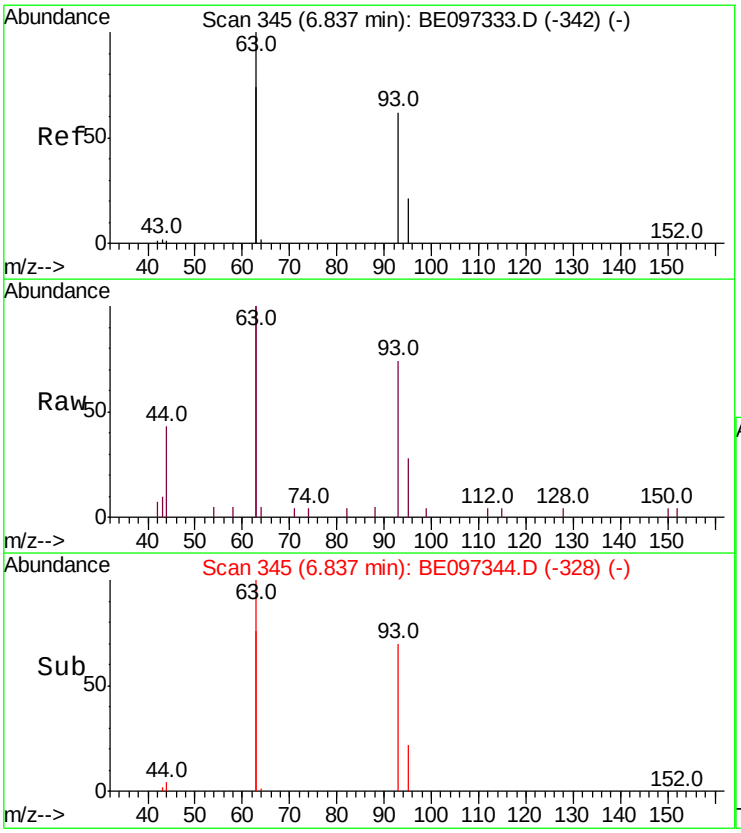
#5
Phenol-d6
Concen: 0.519 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1932

Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.2	30.2
71	33.0	28.4	42.6

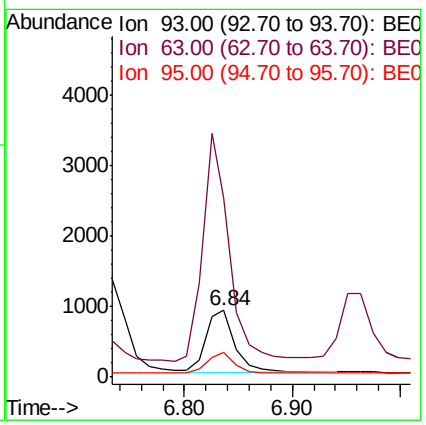


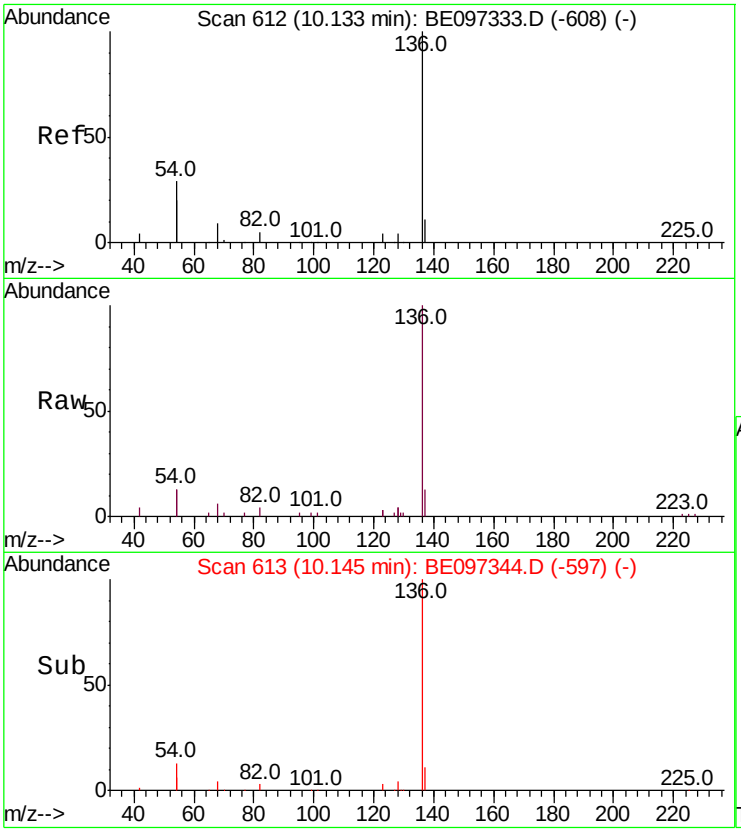


#6
bis(2-Chloroethyl)ether
Concen: 0.443 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion: 93 Resp: 1642

Ion	Ratio	Lower	Upper
93	100		
63	333.1	275.3	412.9
95	33.6	25.2	37.8



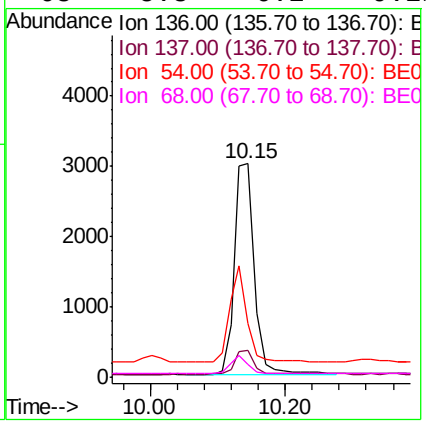


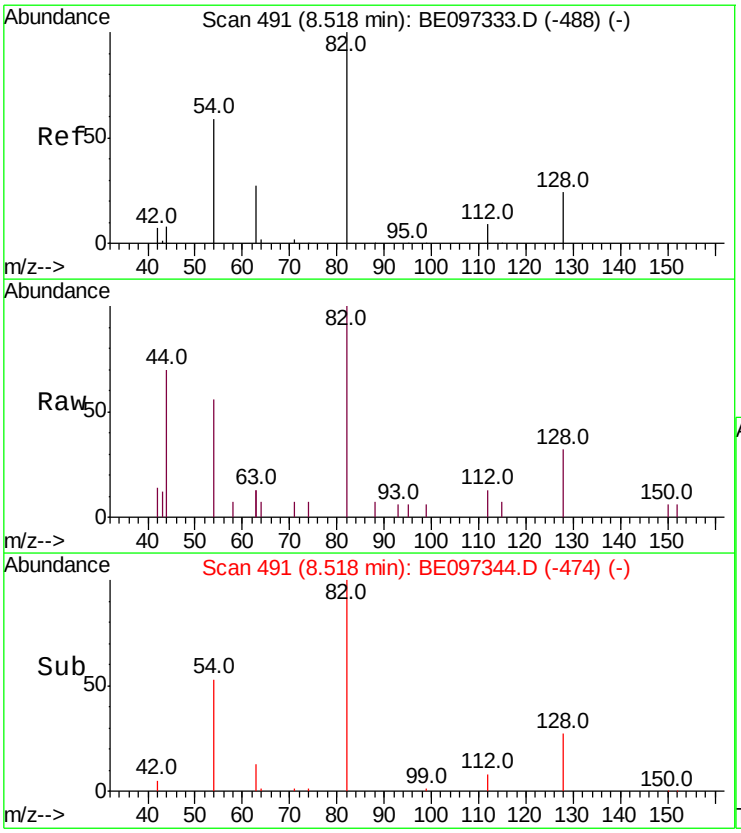
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6188

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	25.3	29.1	43.7#
68	5.8	6.2	9.2#

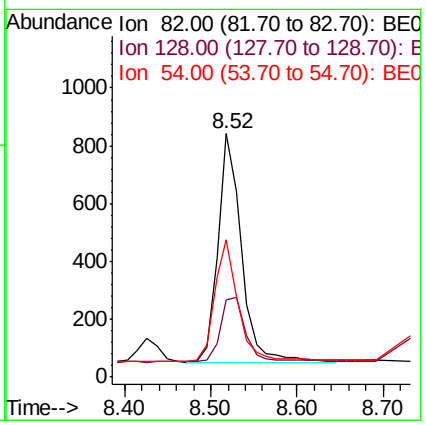


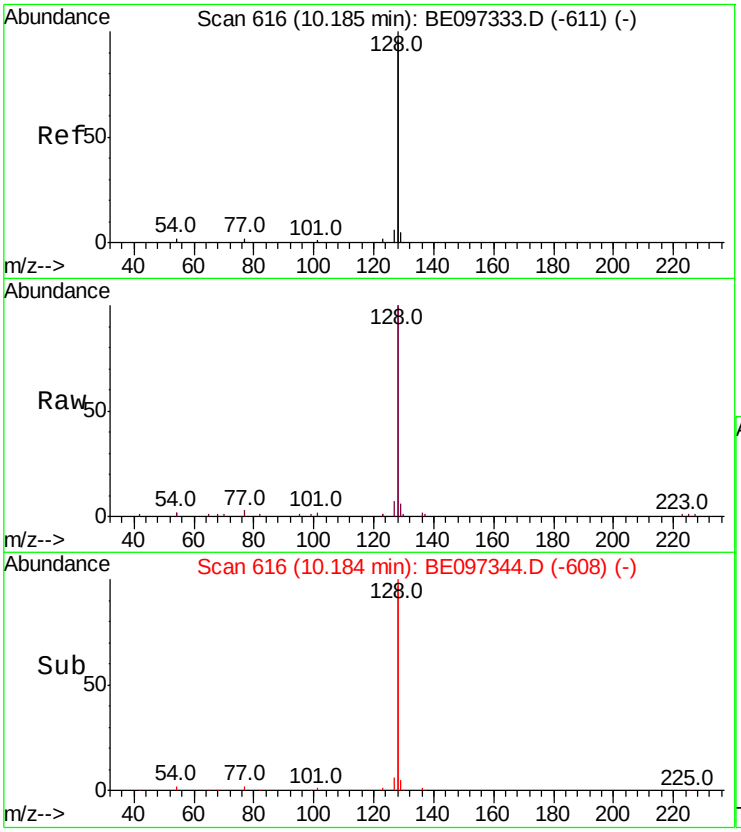


#8
Nitrobenzene-d5
Concen: 0.567 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion: 82 Resp: 1502

Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.0	36.0
54	56.4	40.0	60.0



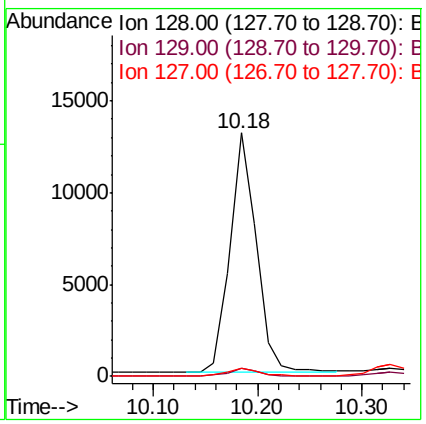


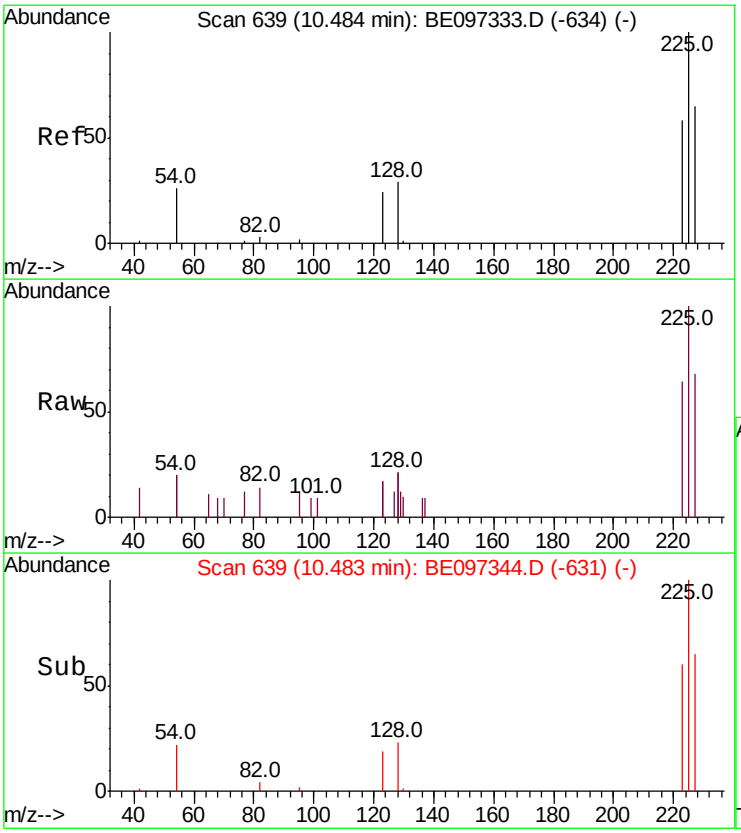
#9
Naphthalene
Concen: 0.406 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 23030

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.5	2.8	4.2

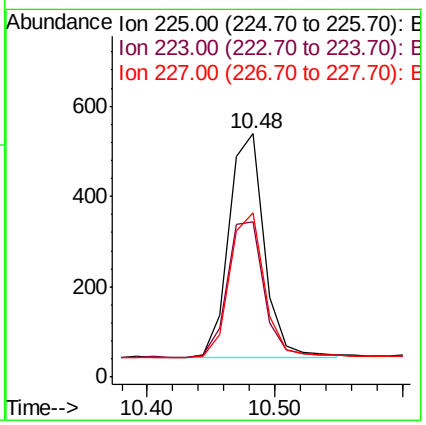


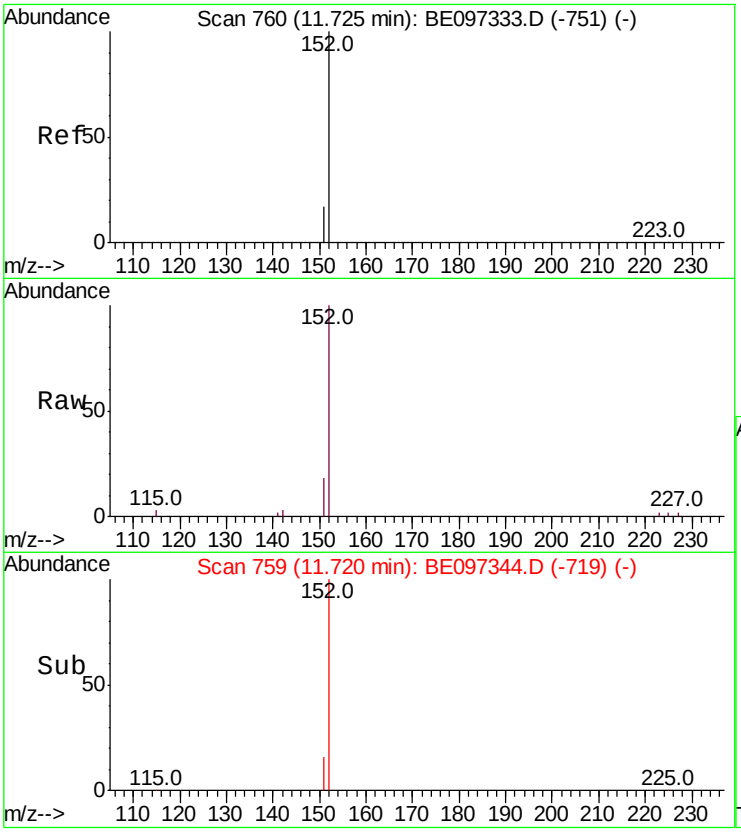


#10
Hexachlorobutadiene
Concen: 0.382 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:225 Resp: 952

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	63.1	51.4	77.2



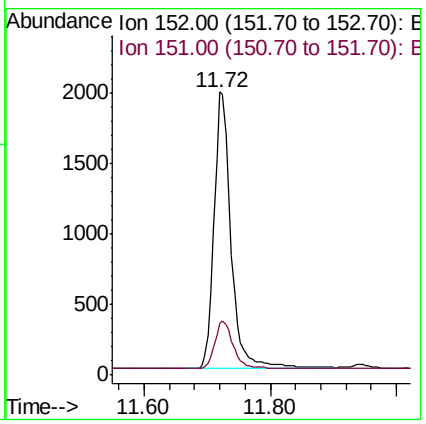


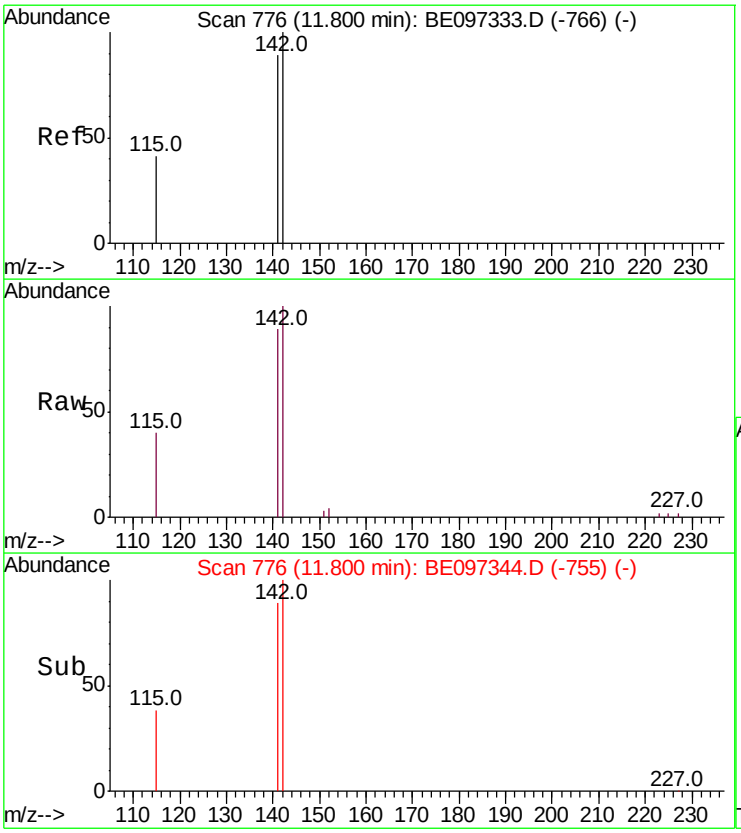
#11
2-Methylnaphthalene-d10
Concen: 0.439 ng
RT: 11.72 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3670

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

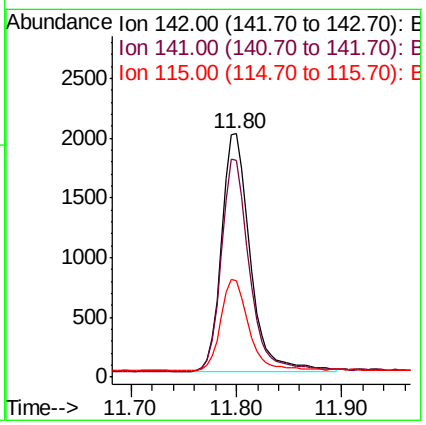


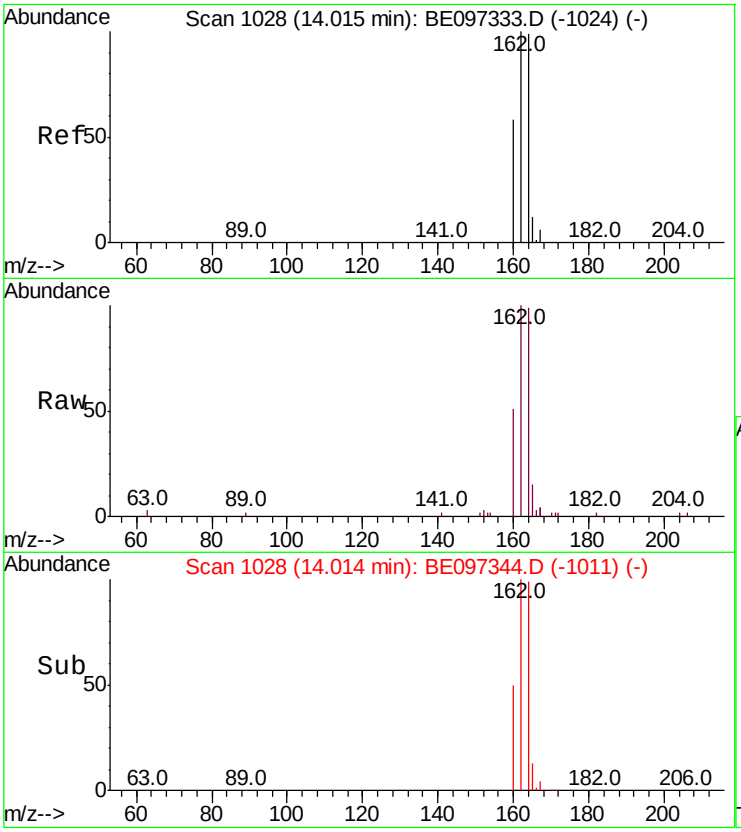


#12
2-Methylnaphthalene
Concen: 0.435 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:142 Resp: 3717

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	39.5	31.7	47.5



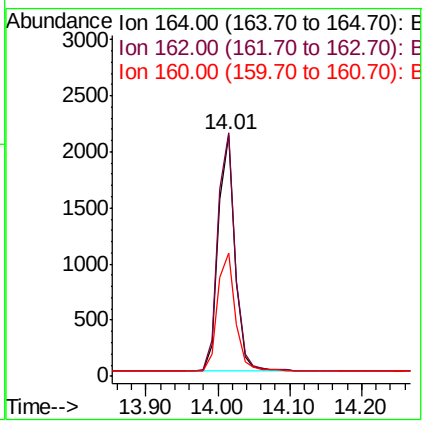


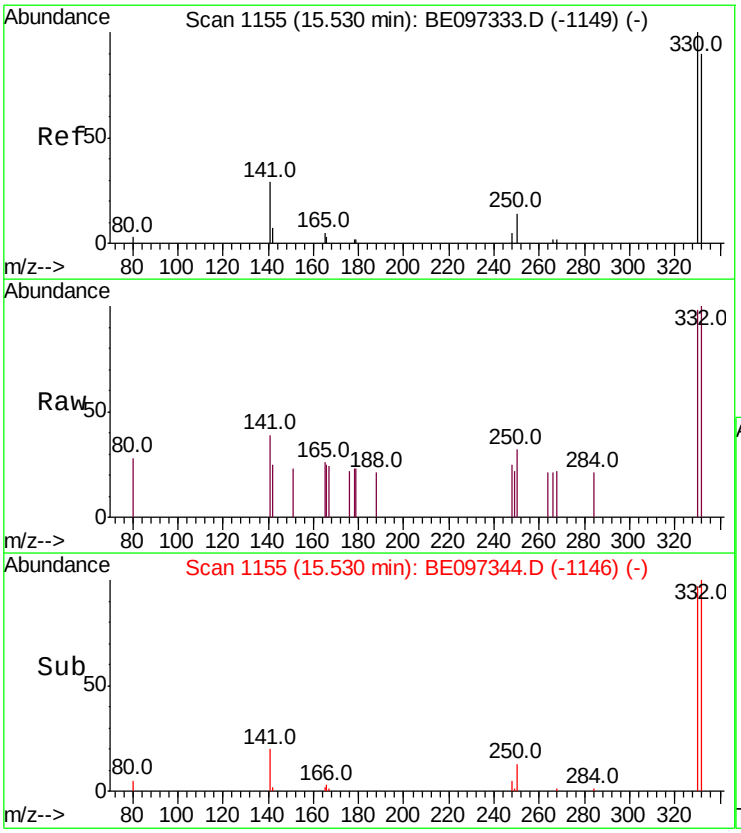
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3406

Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.1	124.7
160	51.2	37.1	55.7

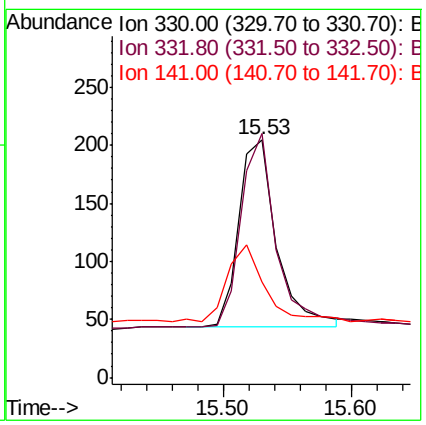


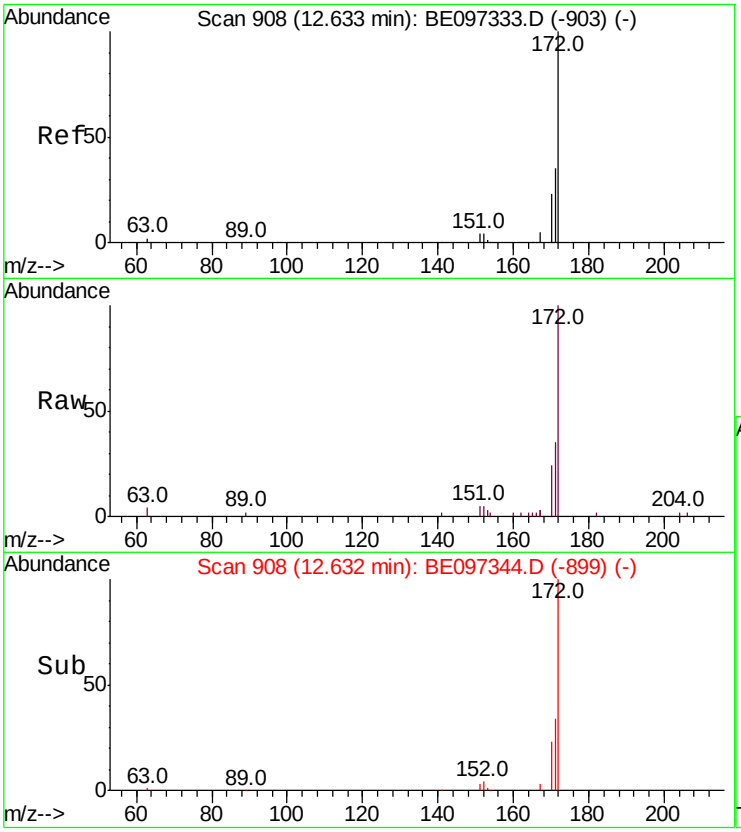


#14
2,4,6-Tribromophenol
Concen: 0.511 ng
RT: 15.53 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:330 Resp: 329

Ion	Ratio	Lower	Upper
330	100		
332	96.0	152.7	229.1#
141	41.3	33.7	50.5



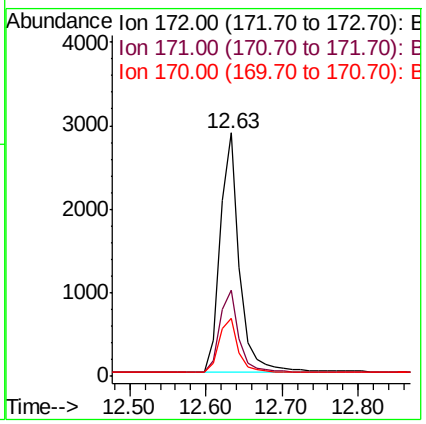


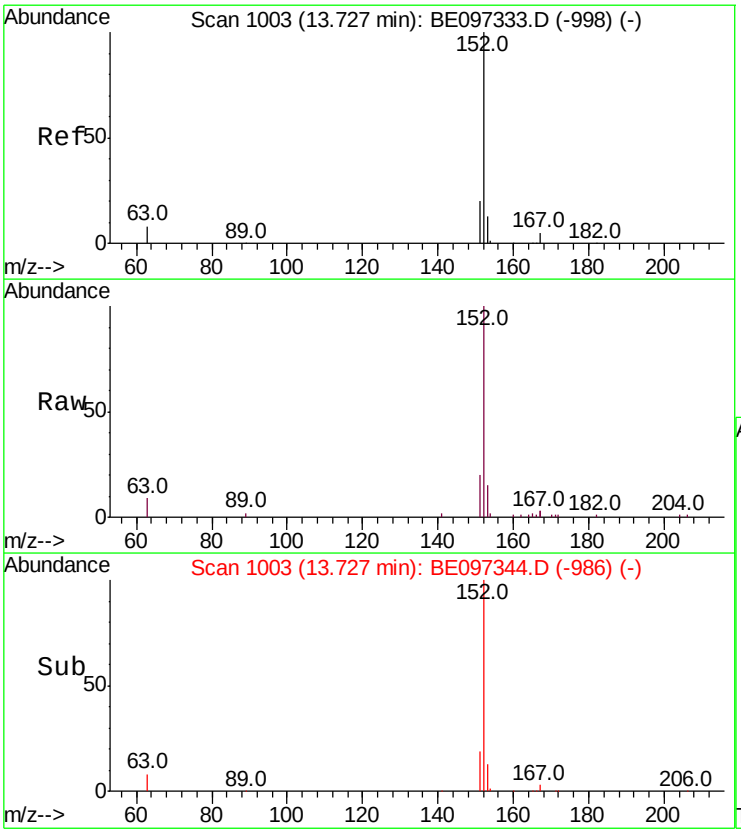
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5160

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	24.1	21.8	32.8

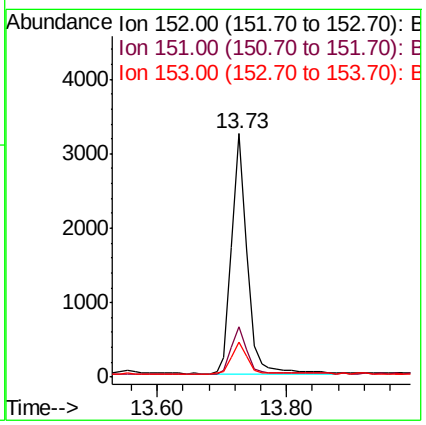


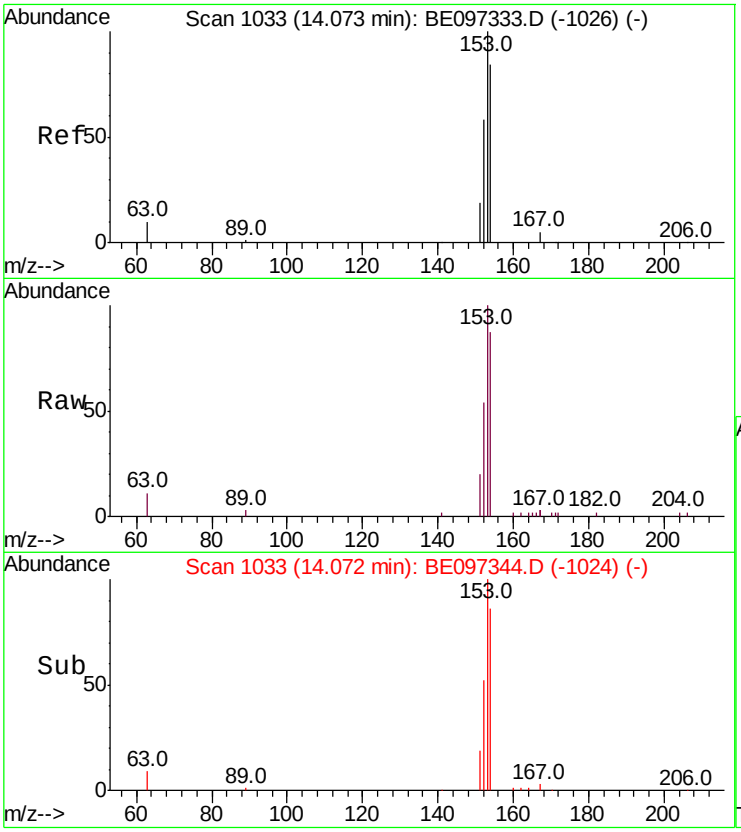


#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:152 Resp: 5292

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.2	10.5	15.7



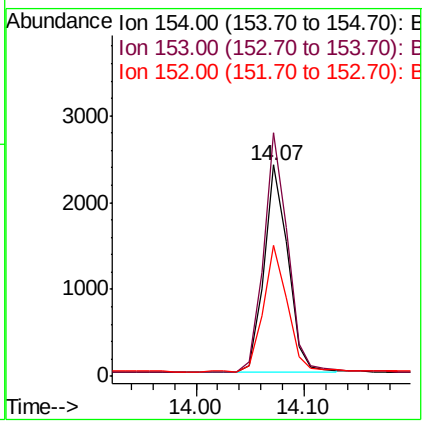


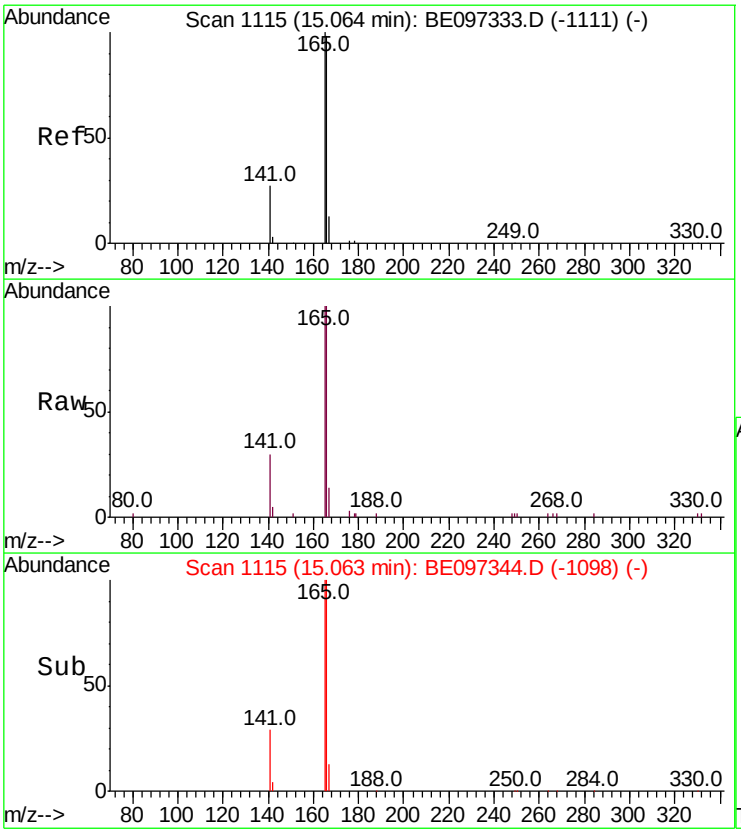
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3690

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.2	133.8
152	61.2	42.0	63.0

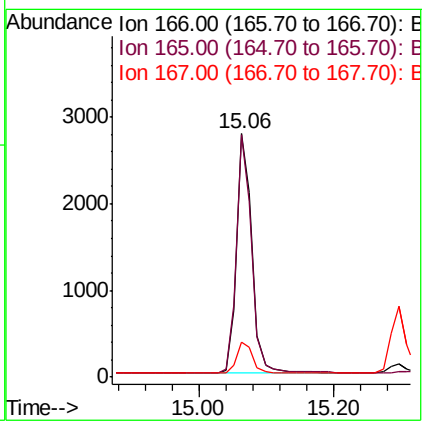


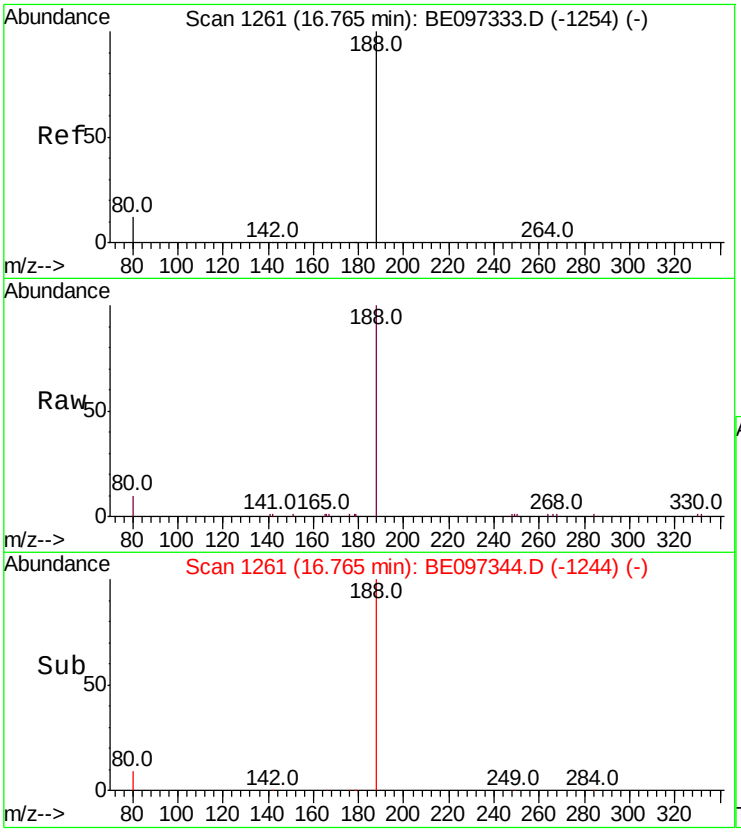


#18
Fluorene
Concen: 0.394 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:166 Resp: 4411

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.6
167	13.3	42.4	63.6#



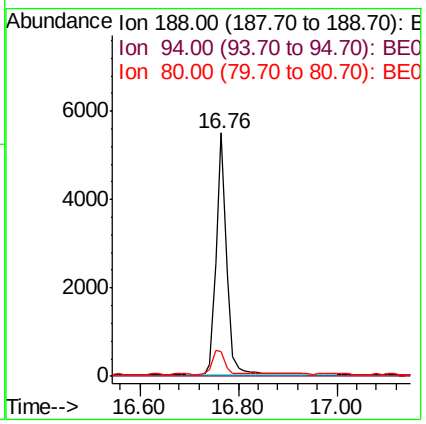


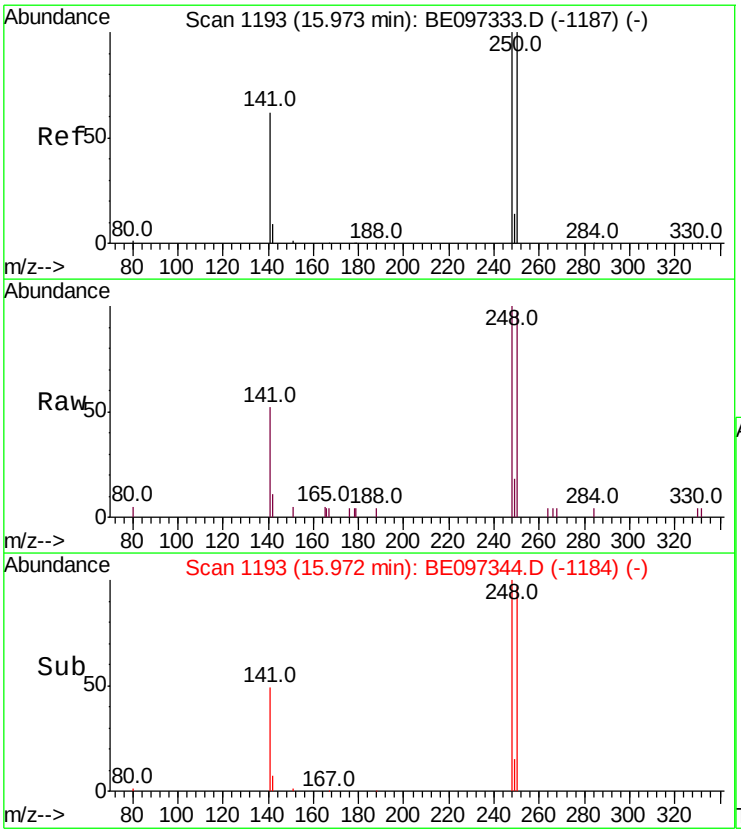
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 7949

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.2	3.6	5.4#

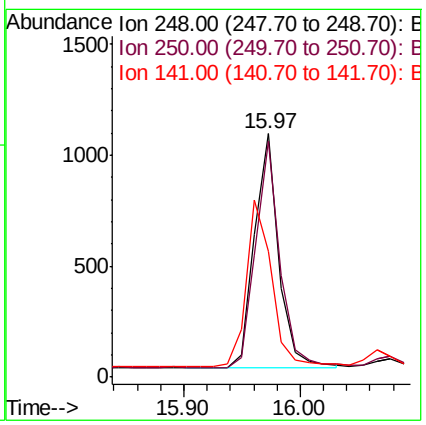


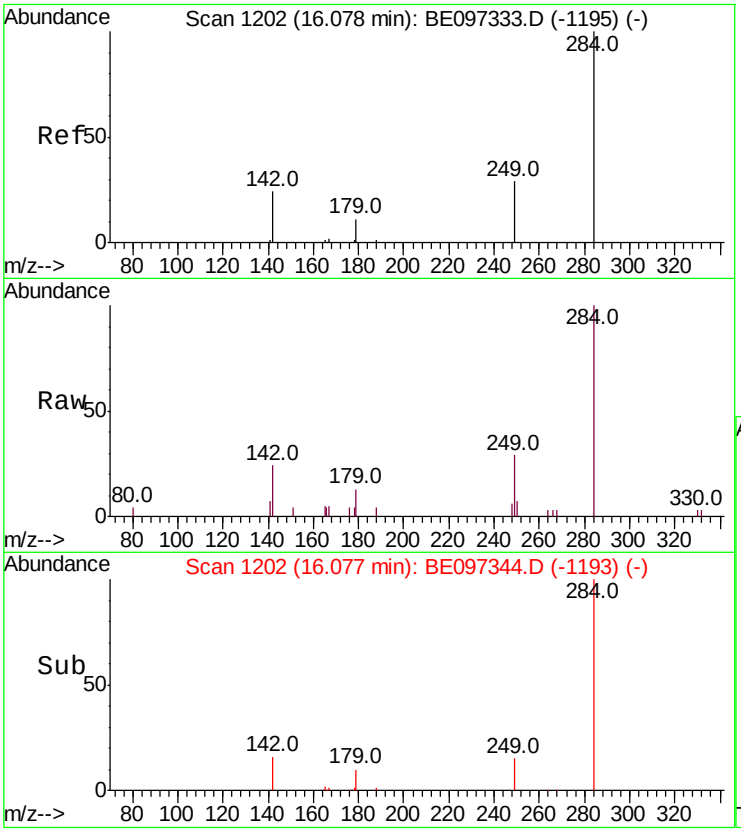


#20
4-Bromophenyl-phenylether
Concen: 0.426 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:248 Resp: 1530

Ion	Ratio	Lower	Upper
248	100		
250	97.1	62.7	94.1#
141	51.7	48.2	72.2



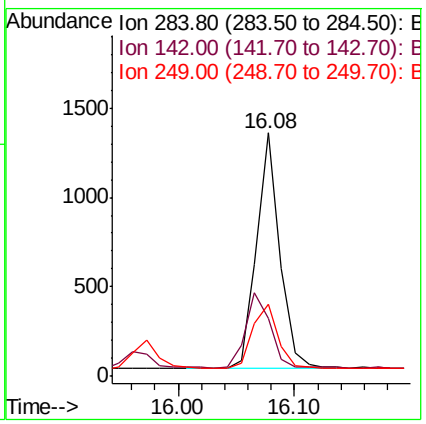


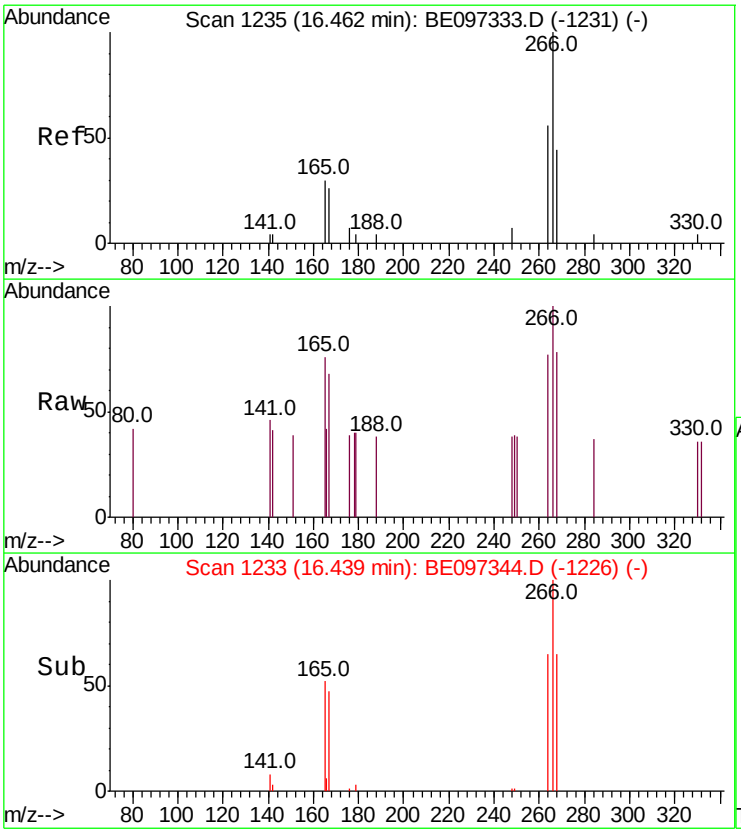
#21
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1838

Ion	Ratio	Lower	Upper
284	100		
142	34.2	22.1	33.1#
249	29.2	34.8	52.2#

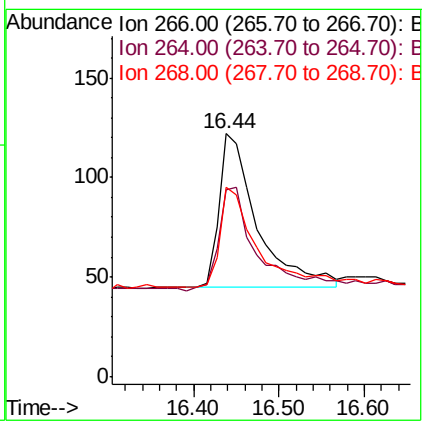


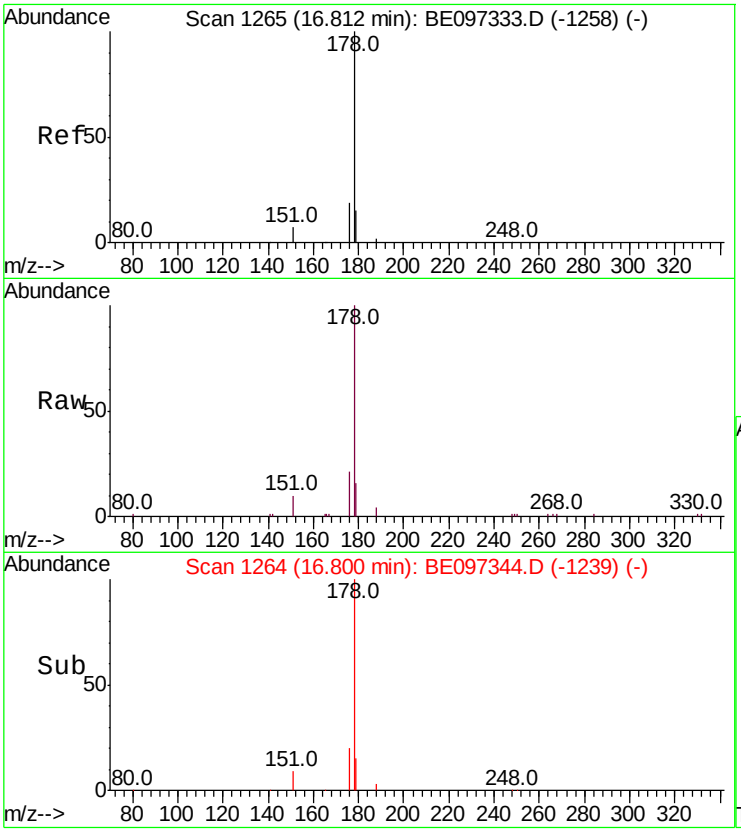


#22
Pentachlorophenol
Concen: 0.643 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:266 Resp: 238

Ion	Ratio	Lower	Upper
266	100		
264	77.0	72.5	108.7
268	77.9	73.8	110.6



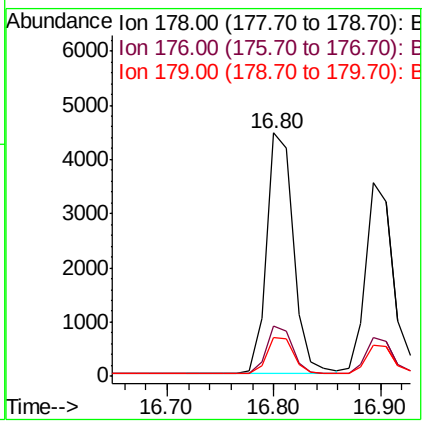


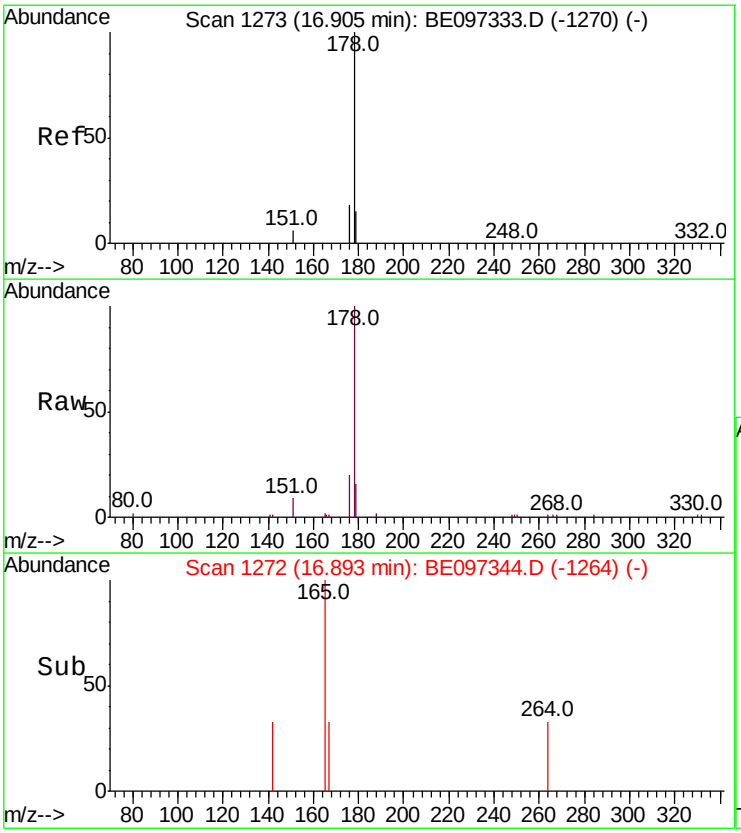
#23
Phenanthrene
Concen: 0.401 ng
RT: 16.80 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7777

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

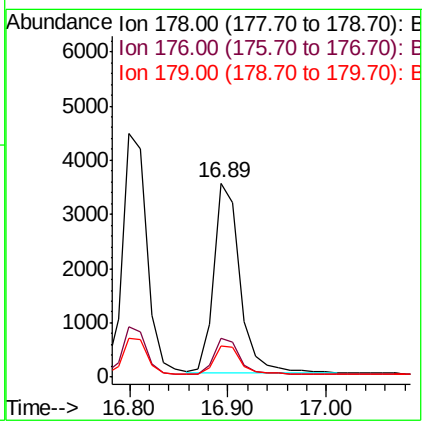


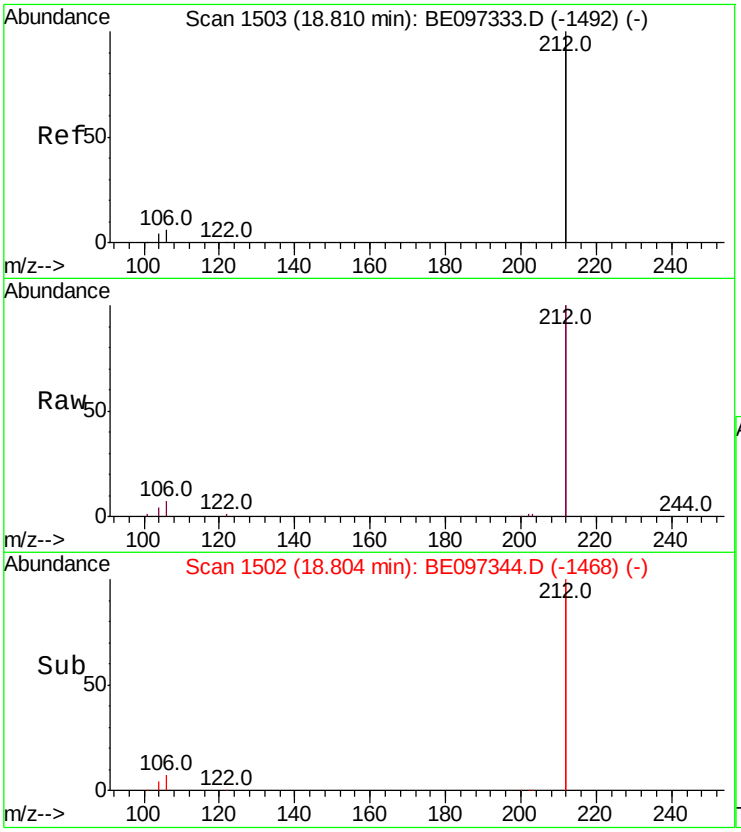


#24
Anthracene
Concen: 0.447 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:178 Resp: 6421

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.1	13.0	19.6



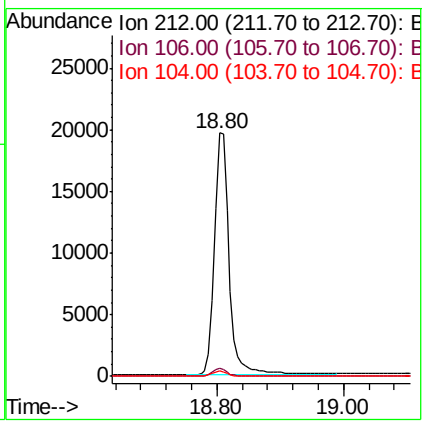


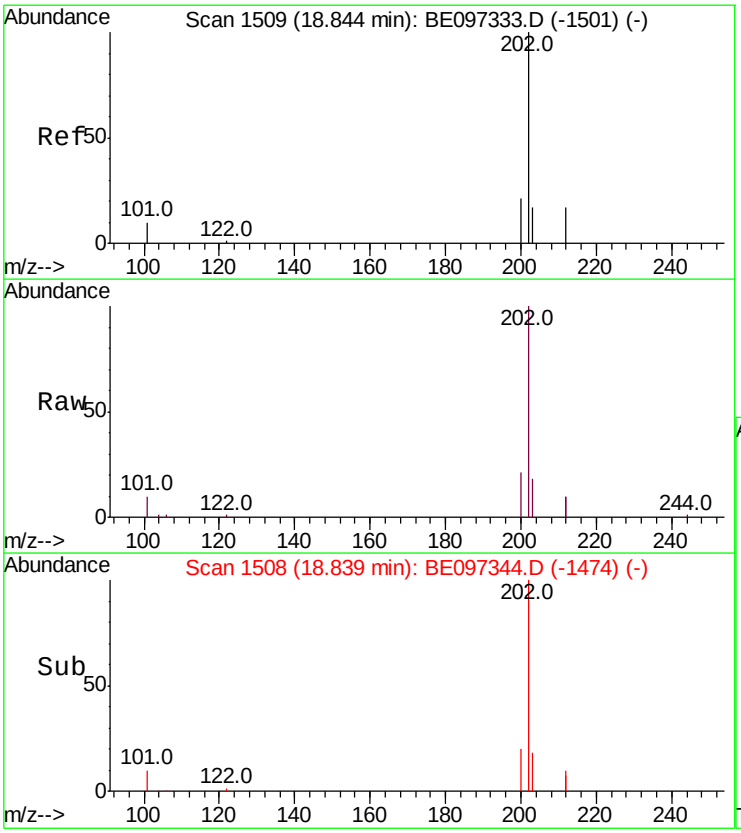
#25
Fluoranthene-d10
Concen: 0.436 ng
RT: 18.80 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 30910

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

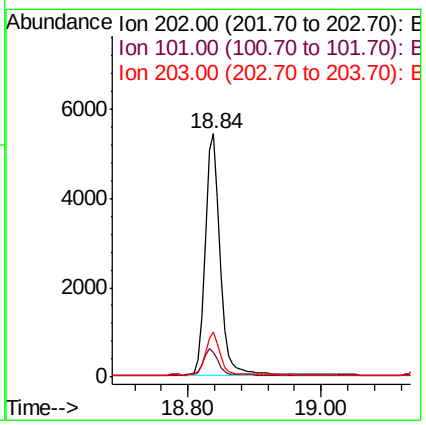


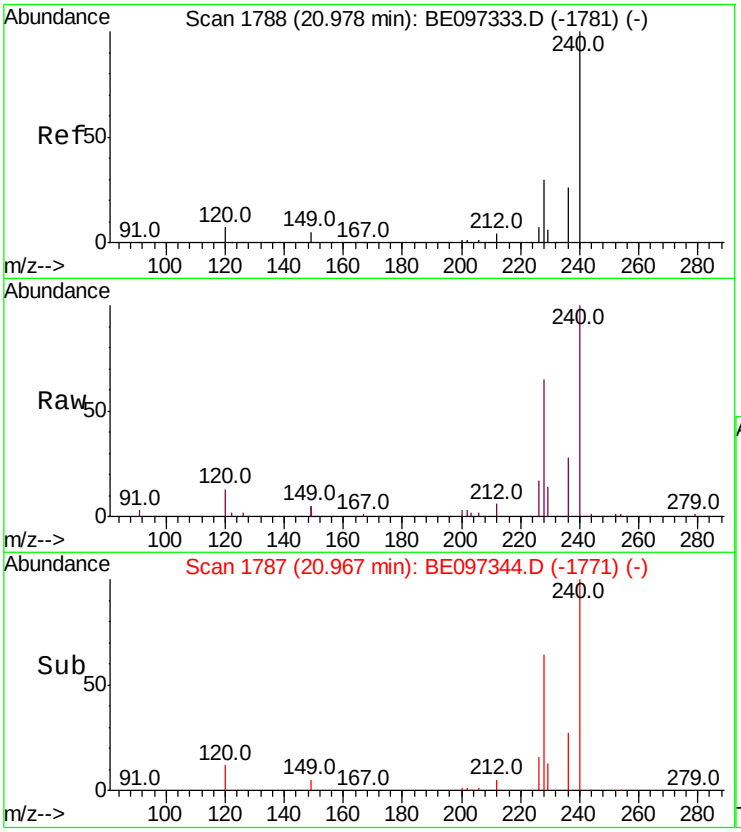


#26
Fluoranthene
Concen: 0.441 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:202 Resp: 8229

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.8
203	16.8	13.7	20.5



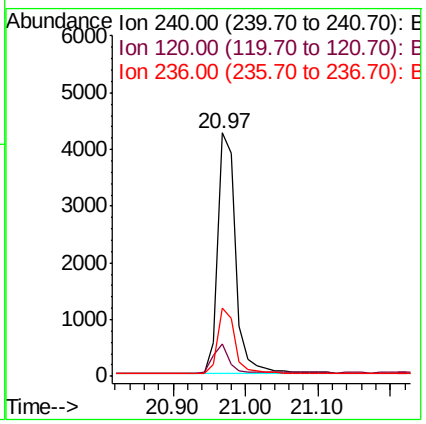


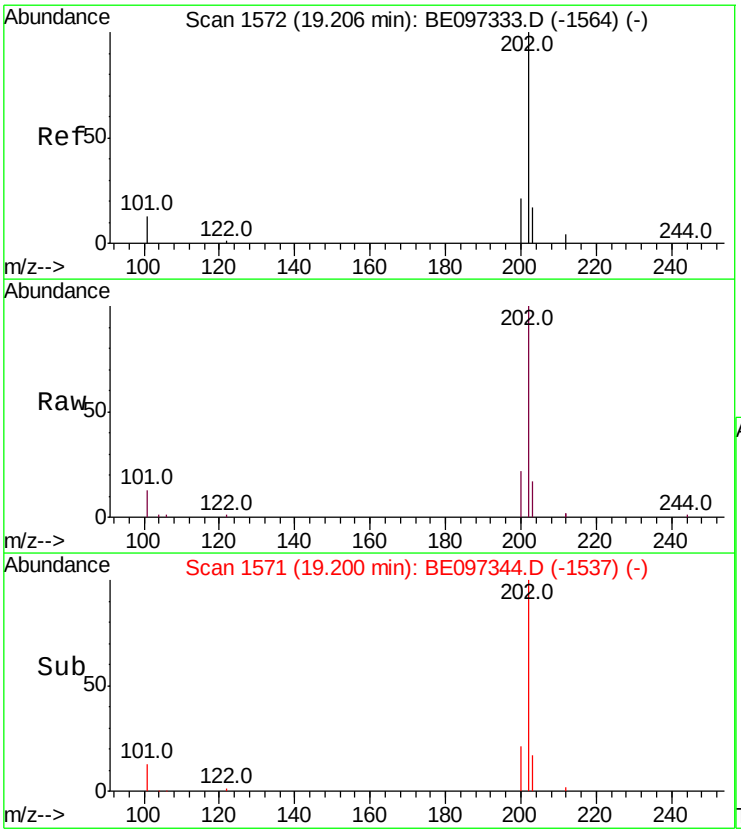
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7487

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.5	8.3#
236	27.8	20.7	31.1

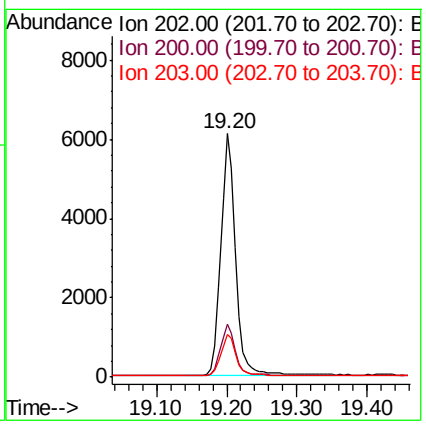


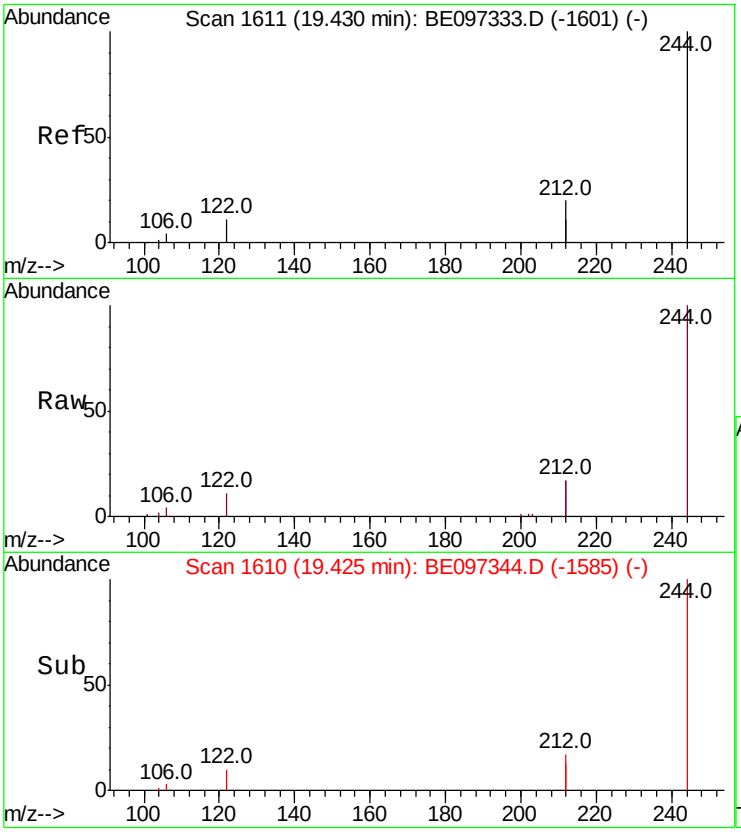


#28
Pyrene
Concen: 0.436 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:202 Resp: 8762

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.4	13.8	20.8



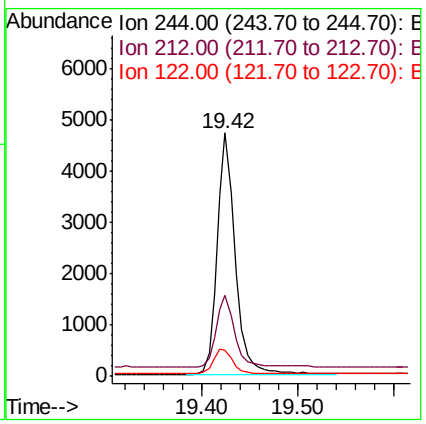


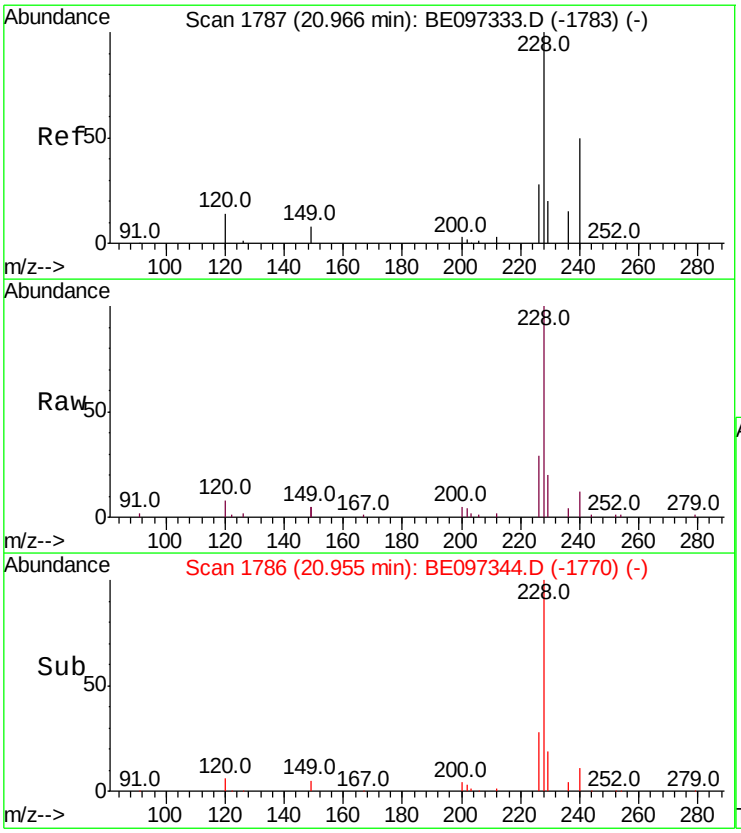
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.42 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 6145

Ion	Ratio	Lower	Upper
244	100		
212	33.3	25.4	38.0
122	10.9	8.1	12.1

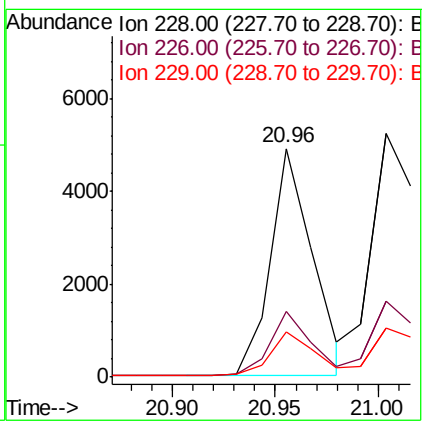


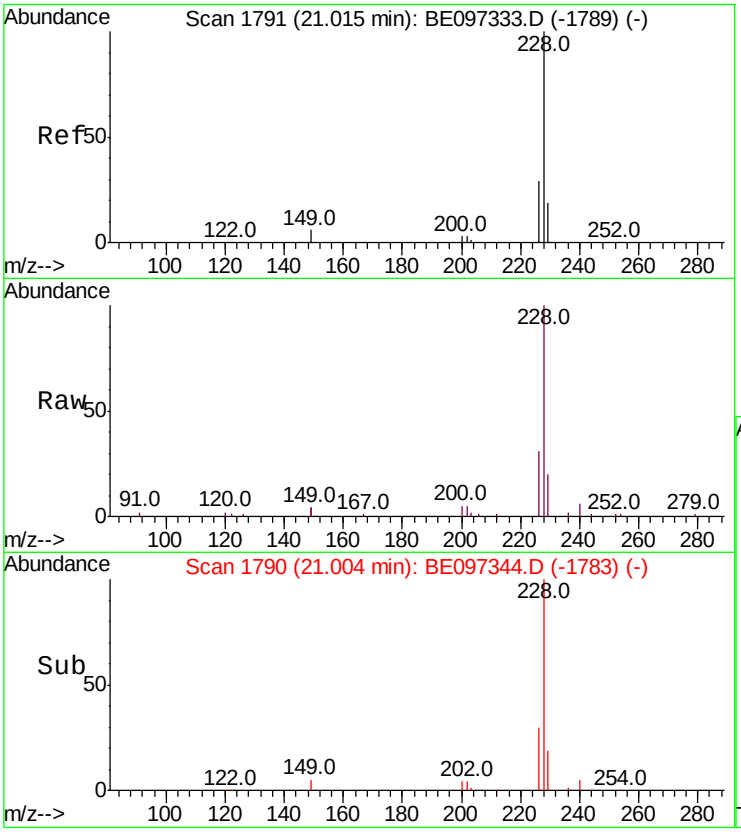


#30
Benzo(a)anthracene
Concen: 0.432 ng
RT: 20.96 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:228 Resp: 6952

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.0	36.0
229	19.9	16.0	24.0



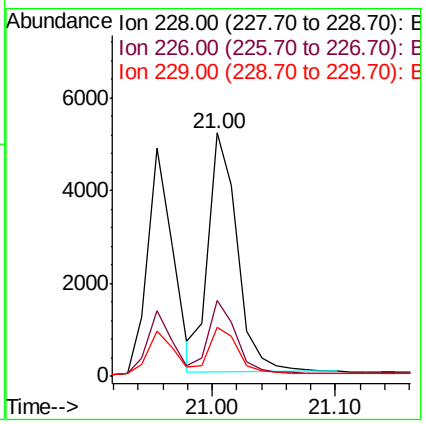


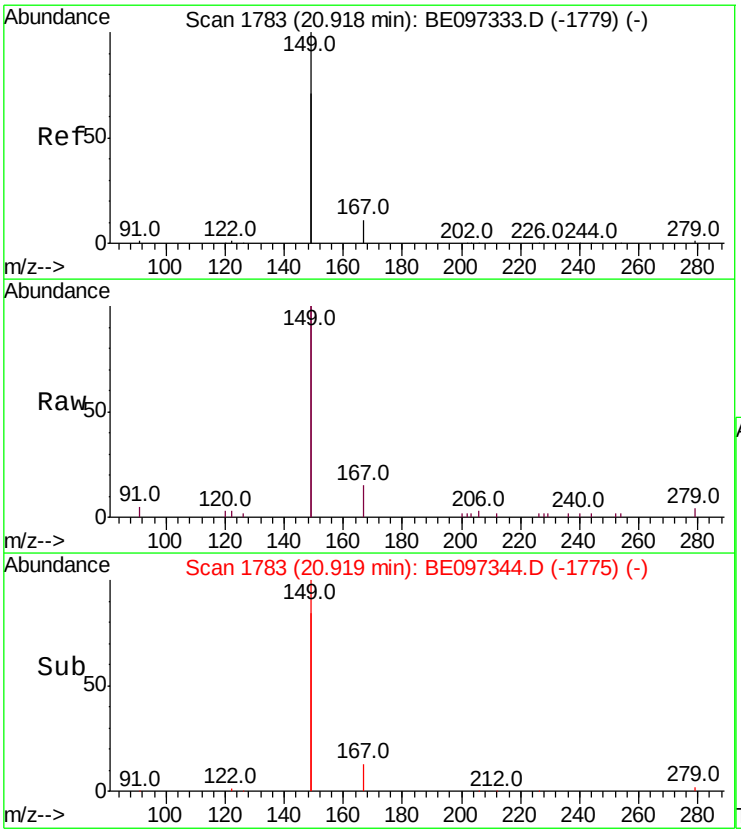
#31
Chrysene
Concen: 0.403 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8496

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	20.1	16.0	24.0

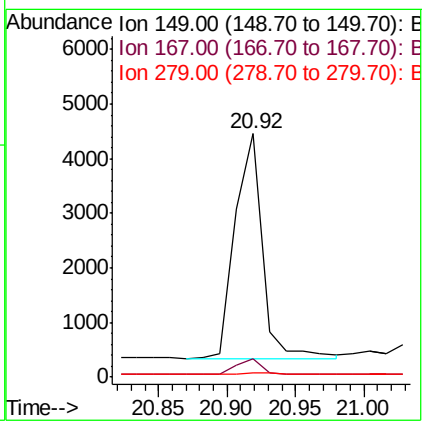


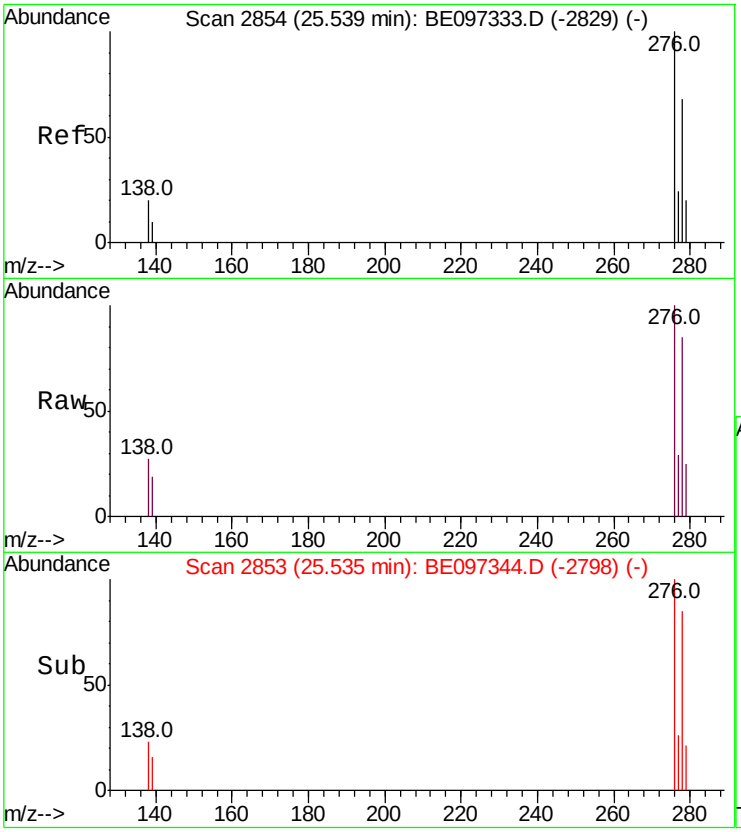


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.636 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:149 Resp: 5657

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1



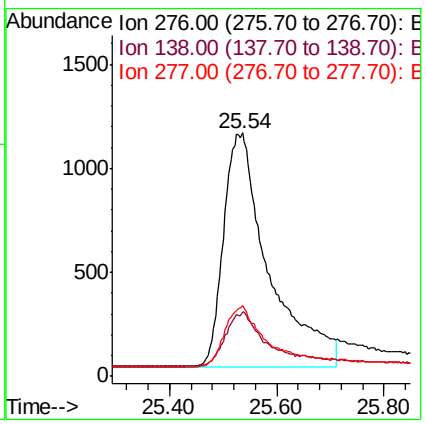


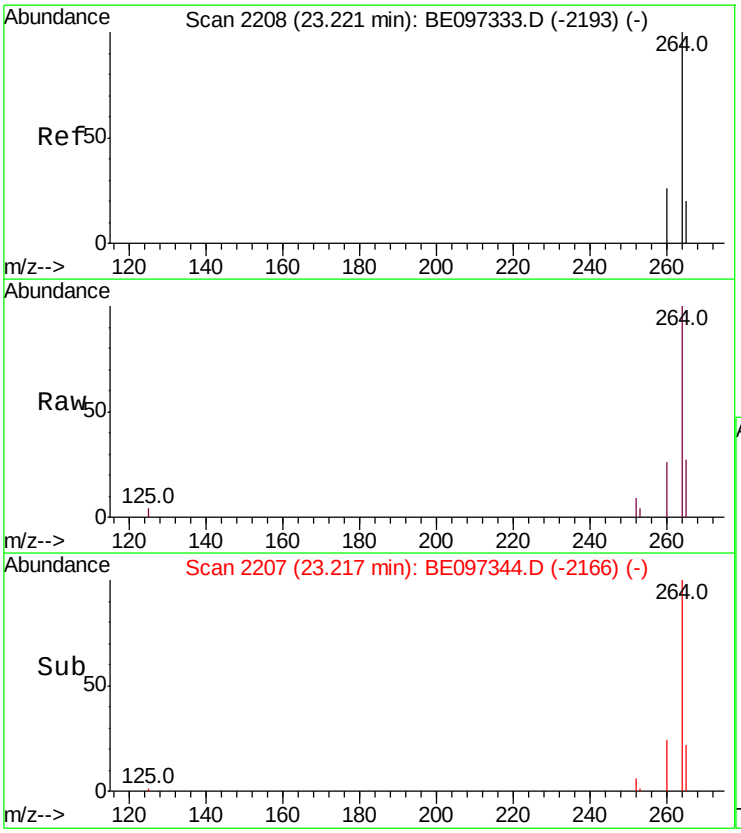
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.493 ng
RT: 25.54 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6607

Ion	Ratio	Lower	Upper
276	100		
138	20.0	22.5	33.7#
277	24.3	19.9	29.9

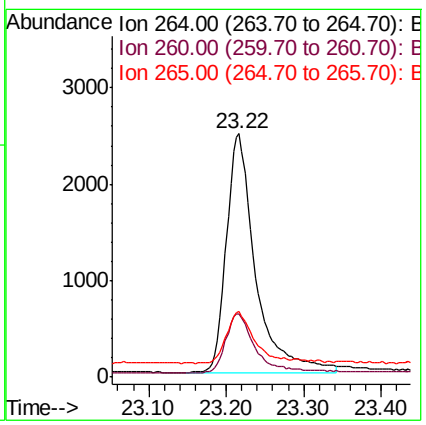


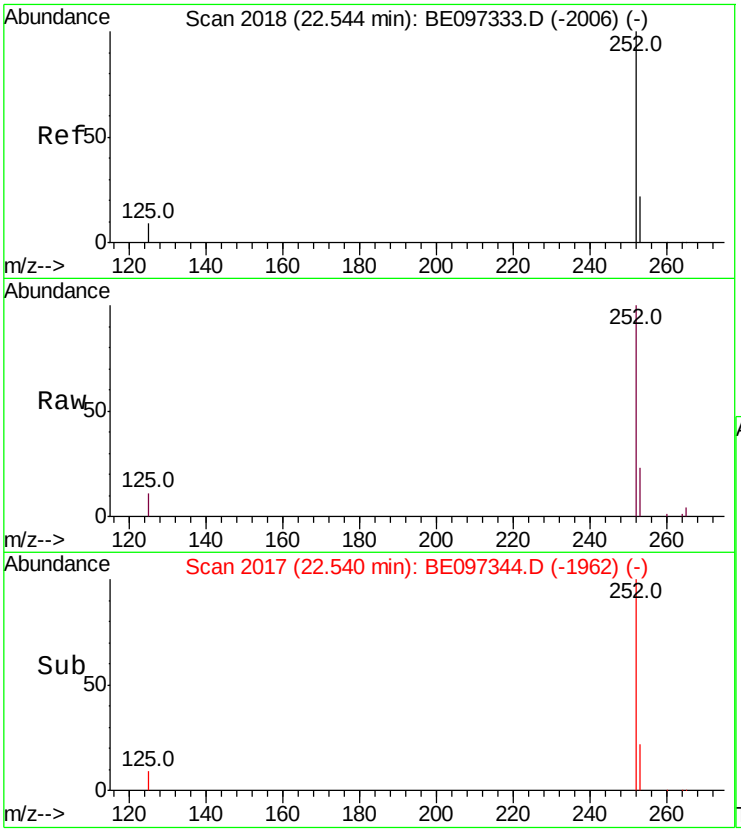


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:264 Resp: 6471

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	27.1	22.8	34.2



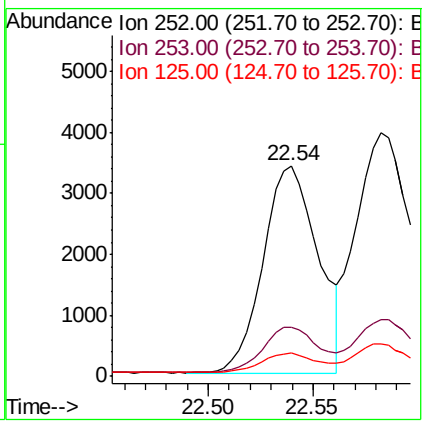


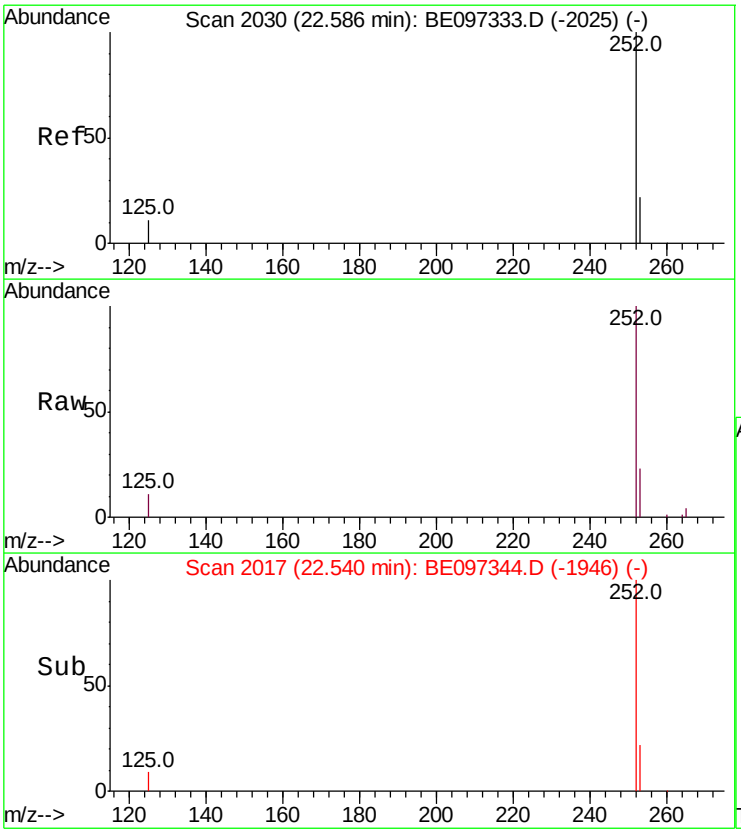
#35
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6197

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.9	16.0	24.0#

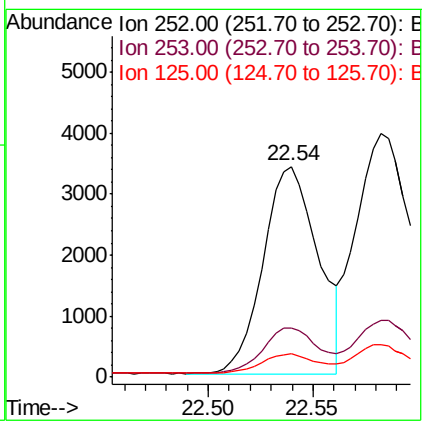


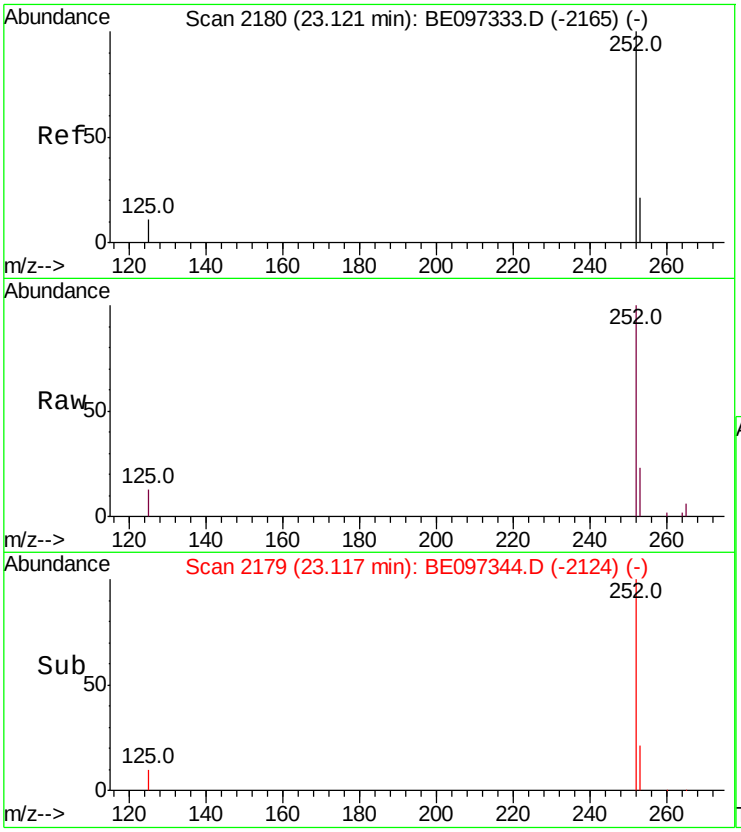


#36
Benzo(k)fluoranthene
Concen: 0.259 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.05 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:252 Resp: 6197

Ion	Ratio	Lower	Upper
252	100		
253	23.4	16.0	24.0
125	10.9	8.0	12.0



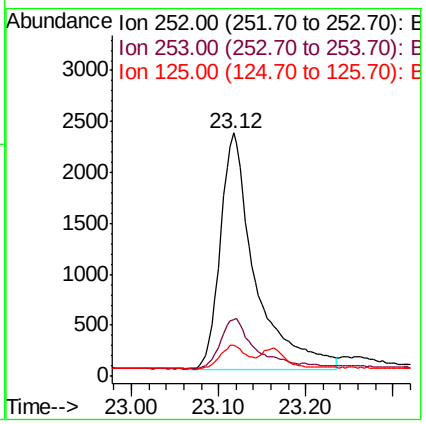


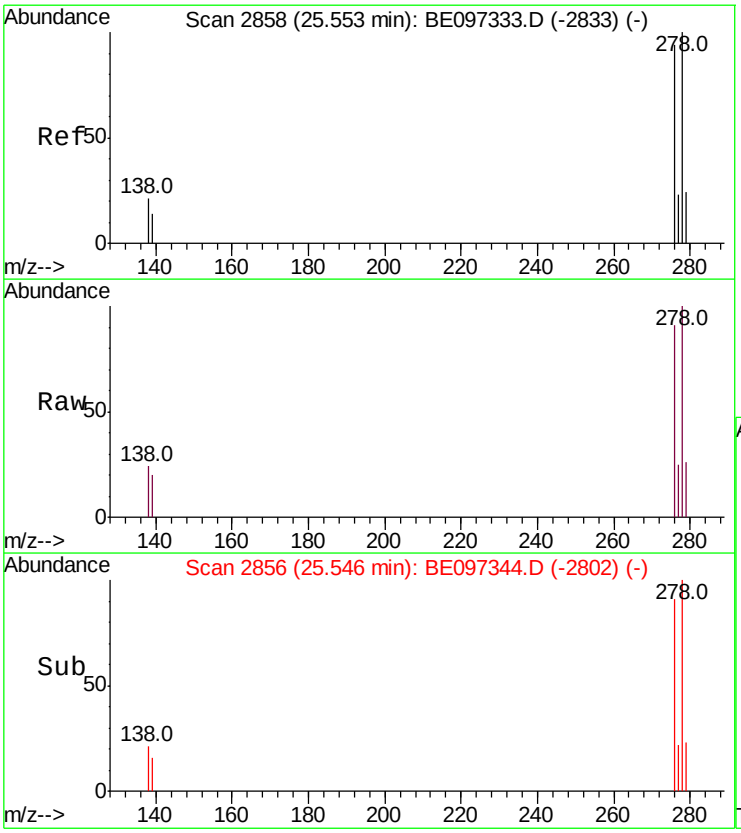
#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.12 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6408

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	12.8	12.0	18.0

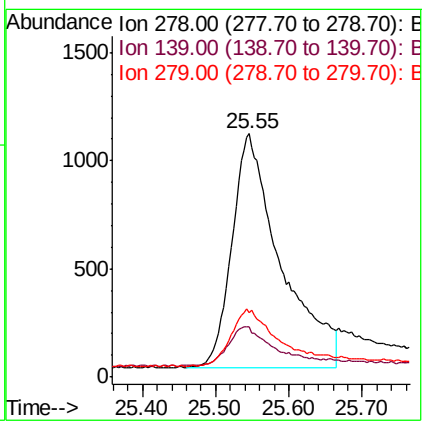


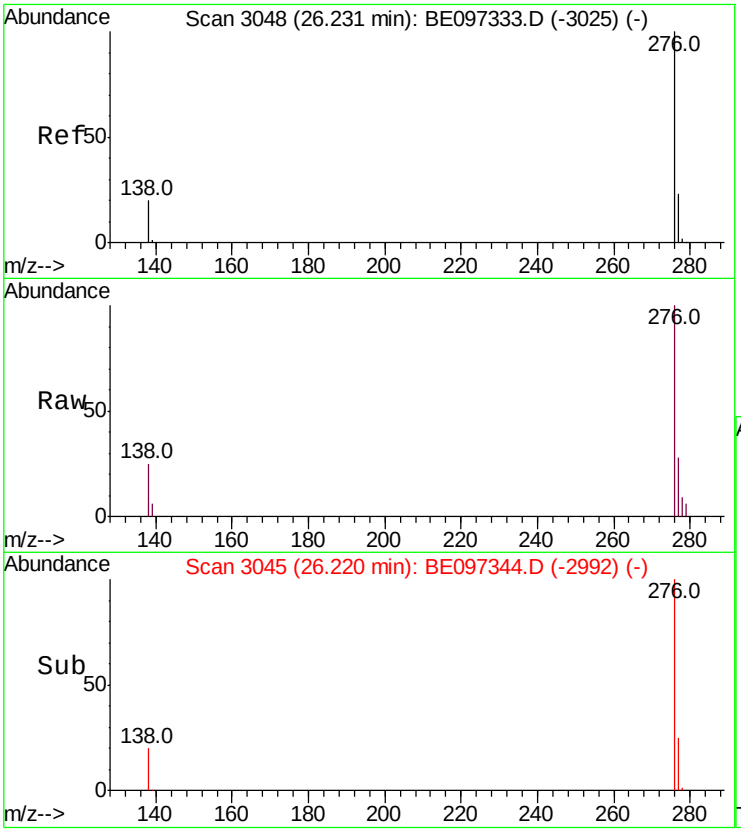


#38
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 25.55 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Tgt Ion:278 Resp: 4953

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.0	24.0
279	26.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.386 ng
RT: 26.22 min Scan# 3045
Delta R.T. -0.01 min
Lab File: BE097344.D
Acq: 20 Aug 2018 22:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5161

Ion	Ratio	Lower	Upper
276	100		
277	28.0	16.0	24.0#
138	24.8	20.0	30.0