Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
Data File : BE097123.D
Acq On : 31 Jul 2018 15:46
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 31 16:48:54 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 31 10:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1987	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	10174	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	6558	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	17945	0.40	ng		0.00
27) Chrysene-d12	20.98	240	18238	0.40	ng		0.00
34) Perylene-d12	23.21	264	18216	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	2296	0.41	ng		0.00
5) Phenol-d6	6.60	99	3550	0.43	ng		0.00
8) Nitrobenzene-d5	8.52	82	3612	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	5937	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	969	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	8832	0.39	ng		0.00
25) Fluoranthene-d10	18.81	212	71354	0.40	ng		0.00
29) Terphenyl-d14	19.43	244	13589	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1153	0.365	ng	#	88
3) n-Nitrosodimethylamine	3.38	42	1386	0.393	ng	#	96
6) bis(2-Chloroethyl)ether	6.84	93	2935	0.392	ng		93
9) Naphthalene	10.20	128	35485	0.389	ng		100
10) Hexachlorobutadiene	10.48	225	1585	0.387	ng		96
12) 2-Methylnaphthalene	11.80	142	6177	0.394	ng		100
16) Acenaphthylene	13.73	152	11491	0.390	ng		99
17) Acenaphthene	14.08	154	6766	0.395	ng		95
18) Fluorene	15.08	166	9042	0.400	ng	#	80
20) 4-Bromophenyl-phenylether	15.97	248	3399	0.390	ng		86
21) Hexachlorobenzene	16.08	284	3458	0.370	ng	#	83
22) Pentachlorophenol	16.44	266	1573	0.660	ng	#	74
23) Phenanthrene	16.81	178	16741	0.391	ng		99
24) Anthracene	16.91	178	15232	0.398	ng		96
26) Fluoranthene	18.84	202	19001	0.396	ng		98
28) Pyrene	19.20	202	19402	0.388	ng		99
30) Benzo(a)anthracene	20.95	228	18137	0.400	ng		98
31) Chrysene	21.01	228	19555	0.402	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	33514	0.675	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	20972	0.476	ng	#	93
35) Benzo(b)fluoranthene	22.54	252	17193	0.372	ng	#	89
36) Benzo(k)fluoranthene	22.58	252	19648	0.364	ng		94
37) Benzo(a)pyrene	23.11	252	17090	0.393	ng	#	92
38) Dibenzo(a,h)anthracene	25.53	278	17459	0.402	ng		98
39) Benzo(g,h,i)perylene	26.21	276	17905	0.389	ng	#	90

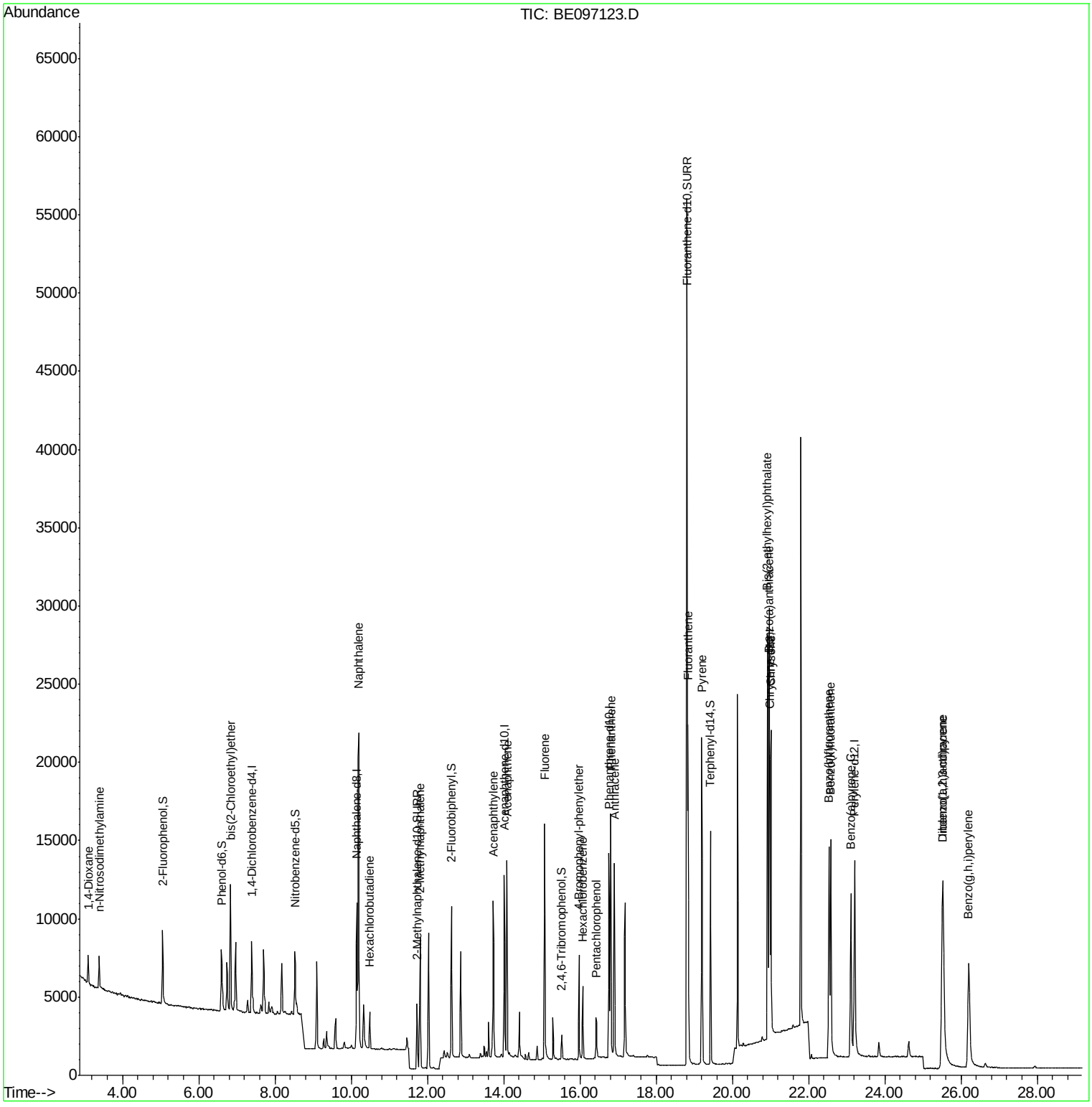
(#) = qualifier out of range (m) = manual integration (+) = signals summed

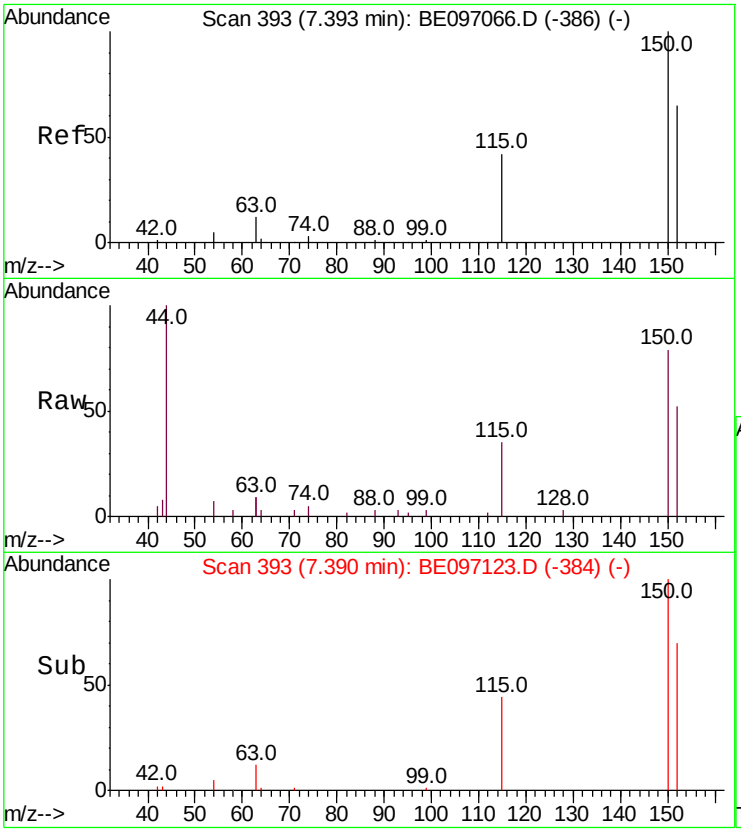
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE073118\
Data File : BE097123.D
Acq On : 31 Jul 2018 15:46
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 31 16:48:54 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 31 10:49:28 2018
Response via : Initial Calibration



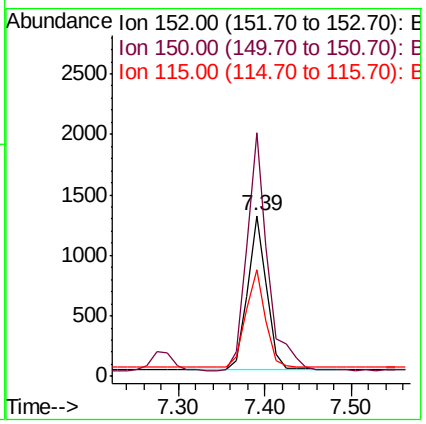


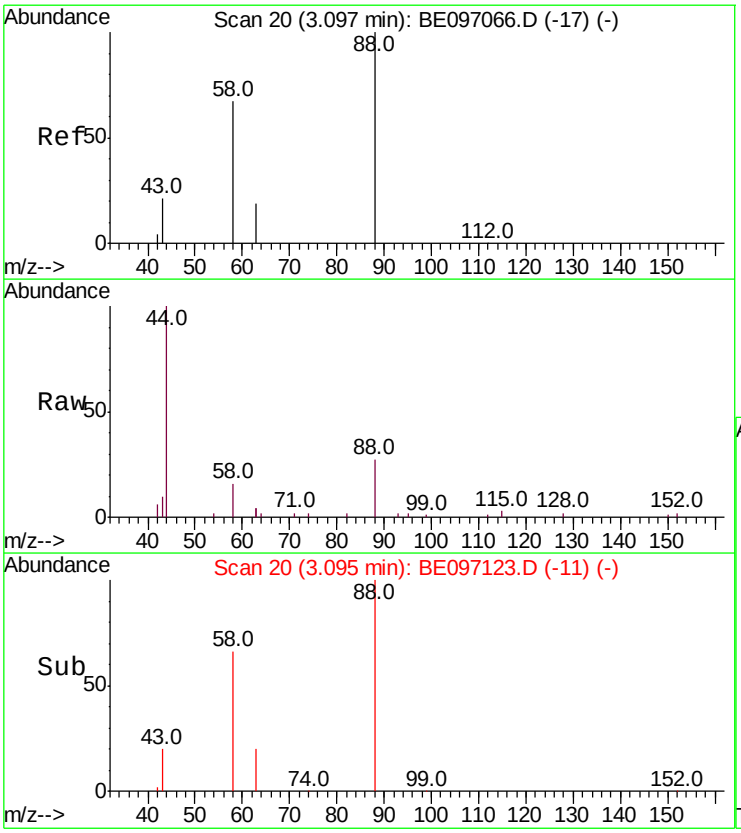
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1987

Ion	Ratio	Lower	Upper
152	100		
150	151.5	117.2	175.8
115	66.3	57.0	85.6

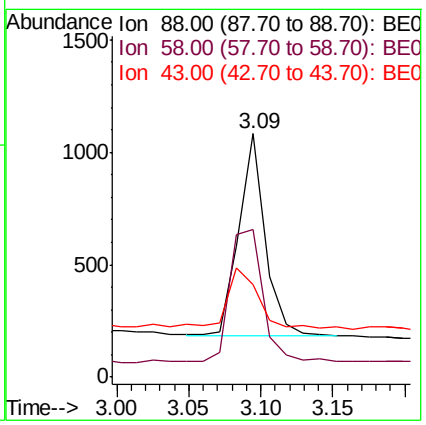


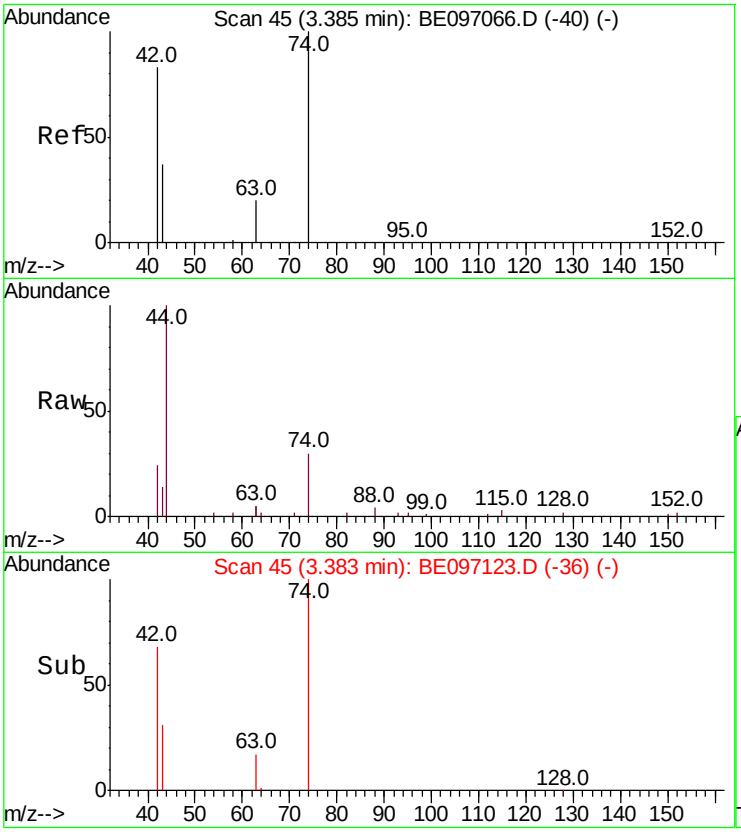


#2
1,4-Dioxane
Concen: 0.365 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion: 88 Resp: 1153

Ion	Ratio	Lower	Upper
88	100		
58	82.4	63.2	94.8
43	34.9	41.2	61.8#



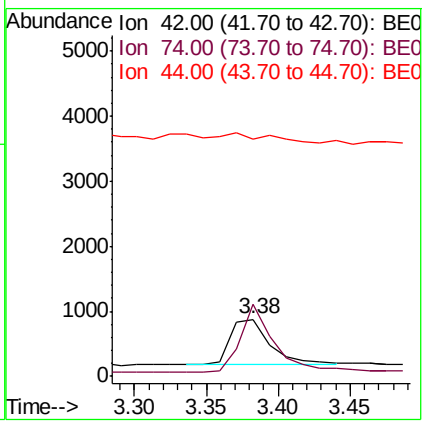


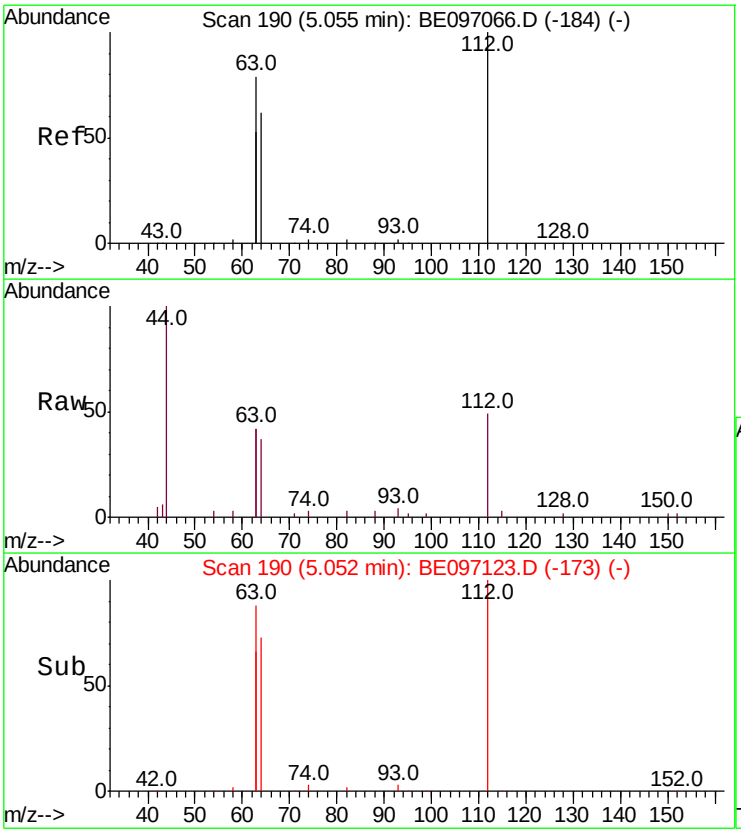
#3
n-Nitrosodimethylamine
Concen: 0.393 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1386

Ion	Ratio	Lower	Upper
42	100		
74	119.4	96.0	144.0
44	0.0	12.0	18.0#

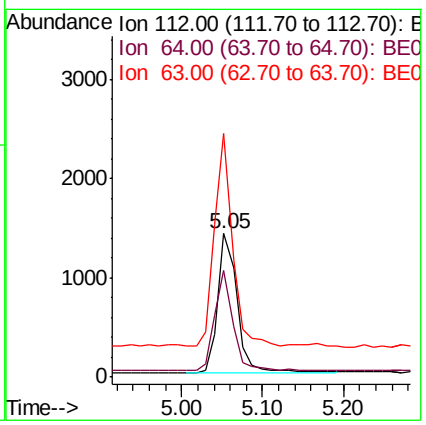


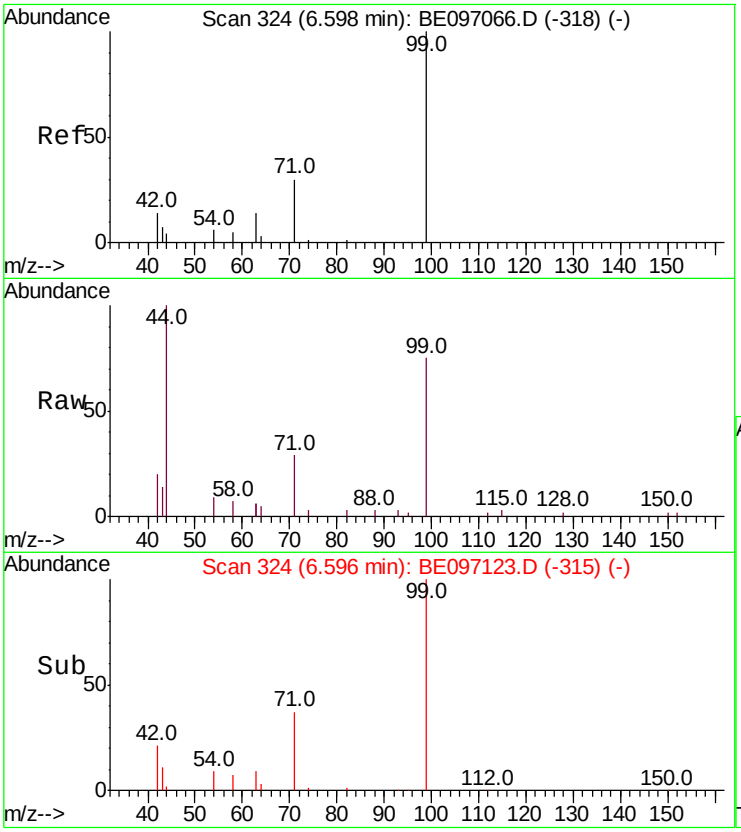


#4
2-Fluorophenol
Concen: 0.411 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:112 Resp: 2296

Ion	Ratio	Lower	Upper
112	100		
64	68.6	60.1	90.1
63	141.6	116.8	175.2



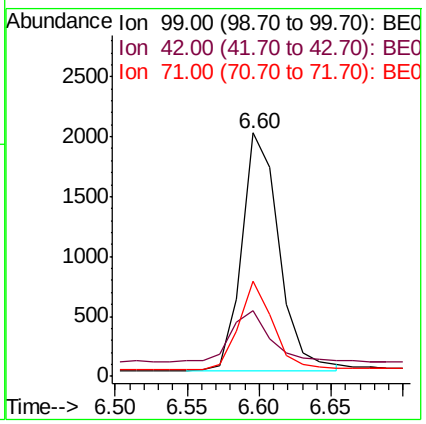


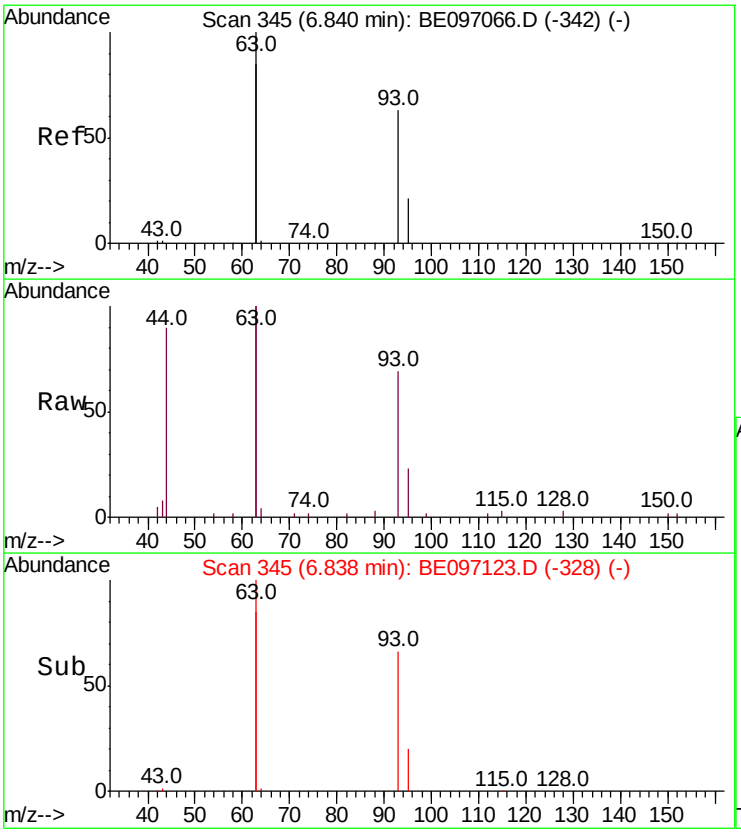
#5
Phenol-d6
Concen: 0.433 ng
RT: 6.60 min Scan# 324
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3550

Ion	Ratio	Lower	Upper
99	100		
42	22.8	20.2	30.2
71	34.6	28.4	42.6

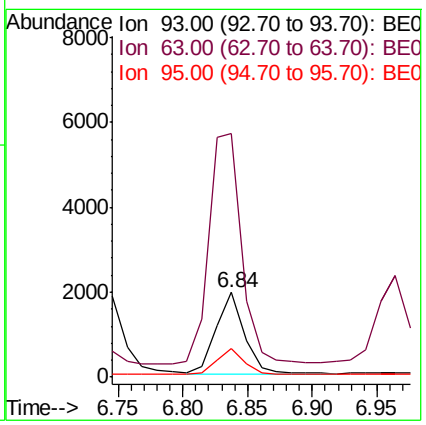


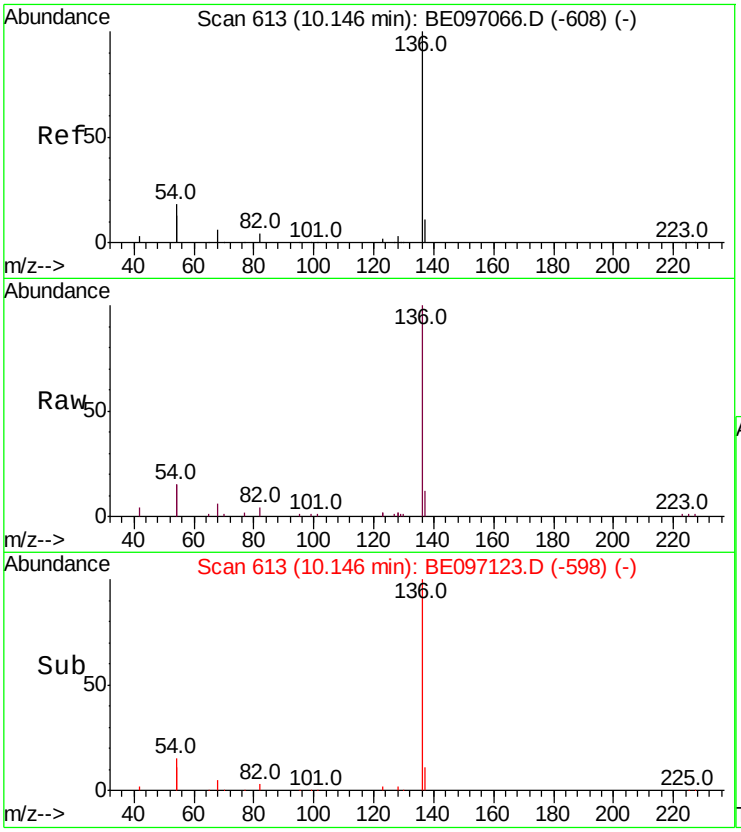


#6
bis(2-Chloroethyl)ether
Concen: 0.392 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion: 93 Resp: 2935

Ion	Ratio	Lower	Upper
93	100		
63	327.2	275.3	412.9
95	31.8	25.2	37.8



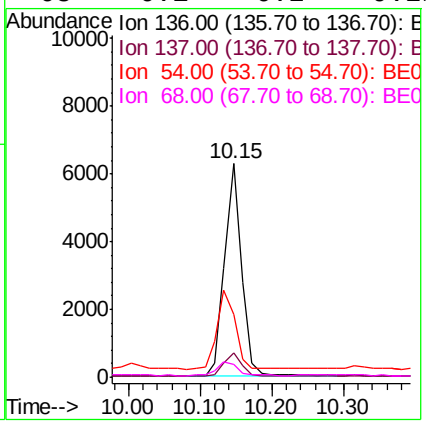


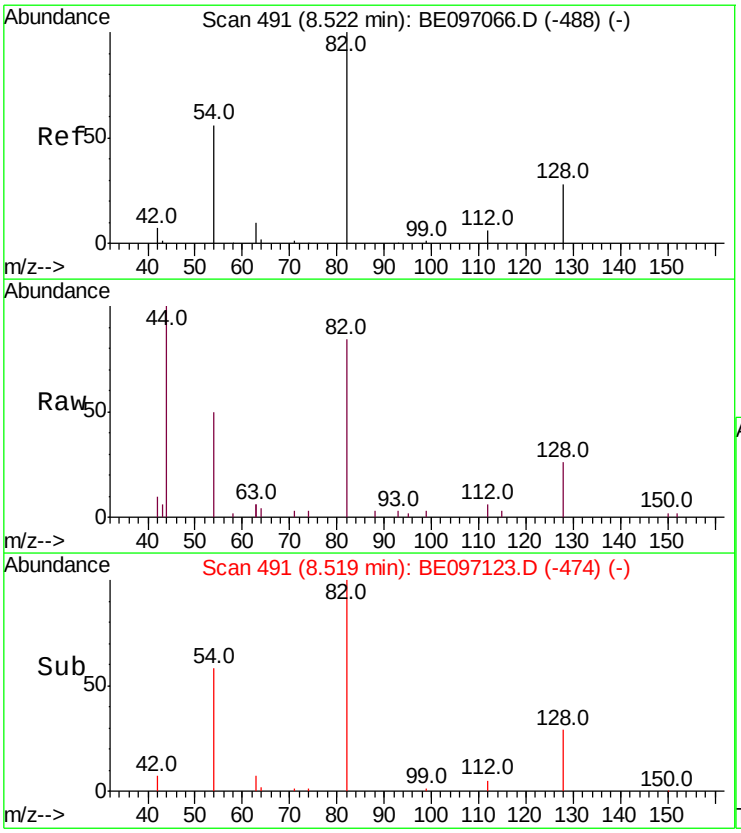
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10174

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	29.7	29.1	43.7
68	6.1	6.2	9.2#

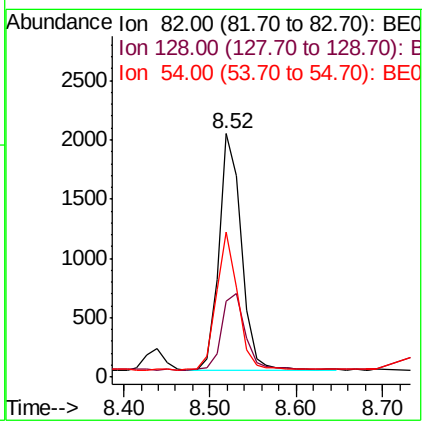


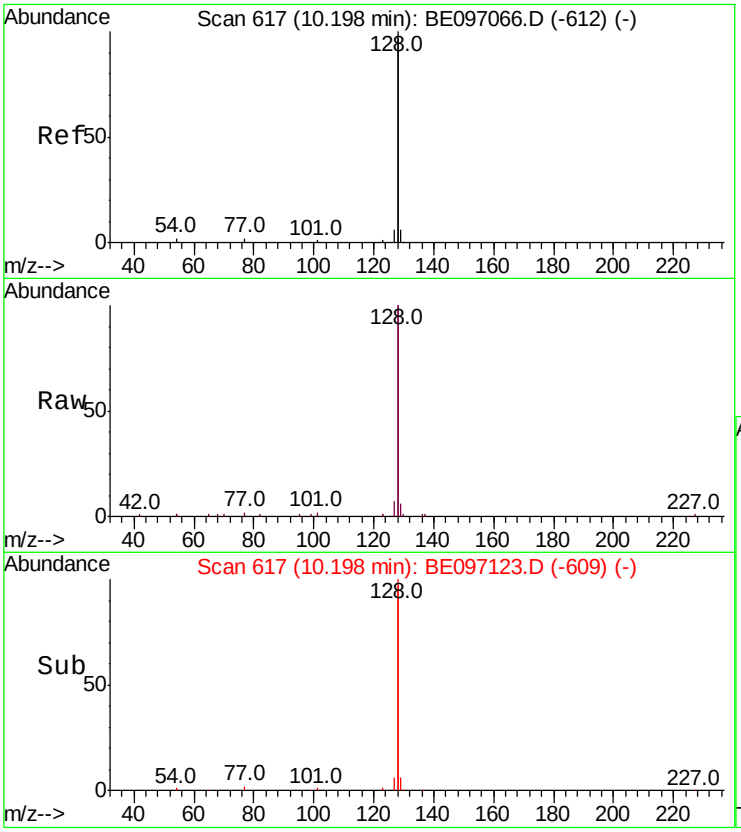


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 8.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion: 82 Resp: 3612

Ion	Ratio	Lower	Upper
82	100		
128	31.0	24.0	36.0
54	59.7	40.0	60.0



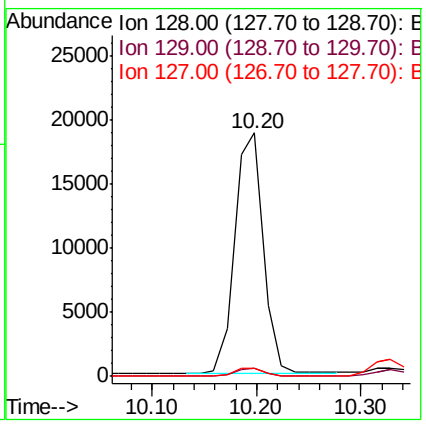


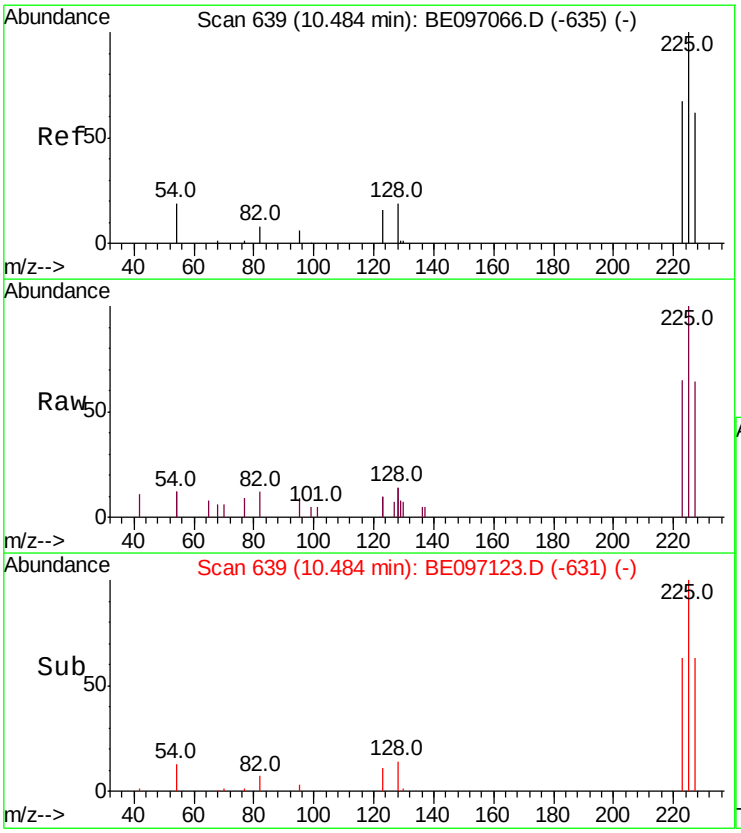
#9
Naphthalene
Concen: 0.389 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 35485

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

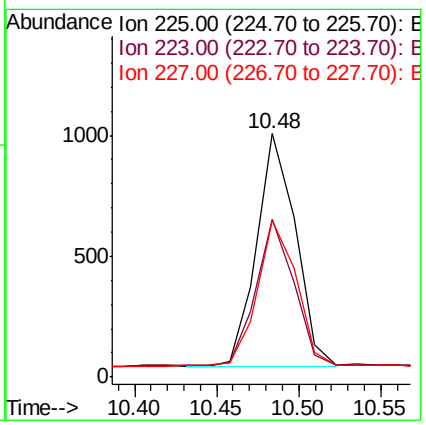


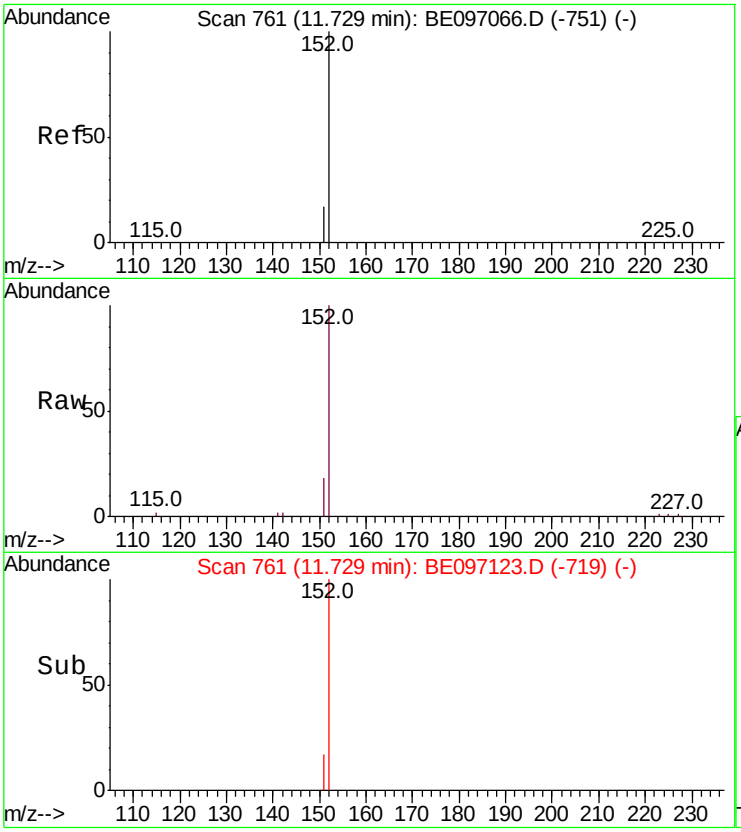


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:225 Resp: 1585

Ion	Ratio	Lower	Upper
225	100		
223	61.5	53.0	79.6
227	63.1	51.4	77.2



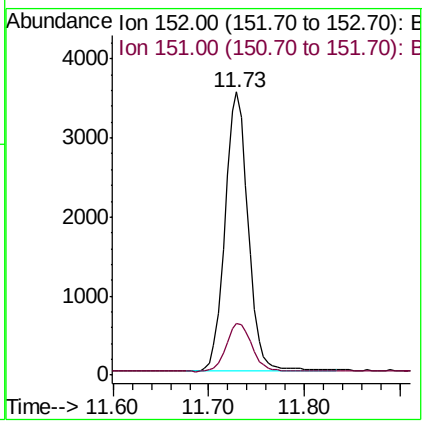


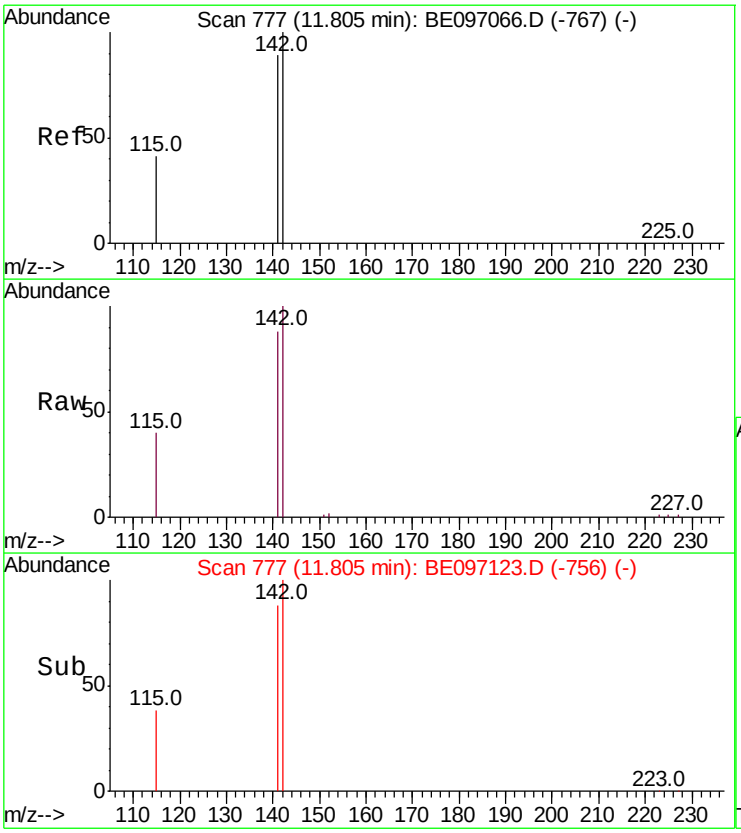
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5937

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

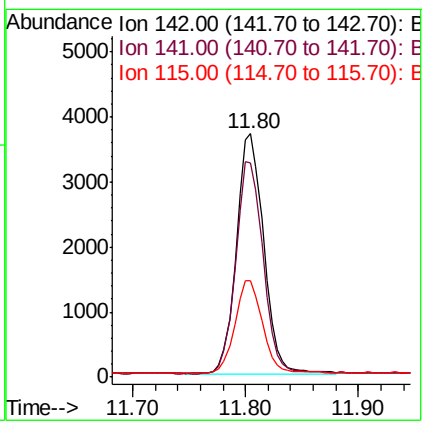


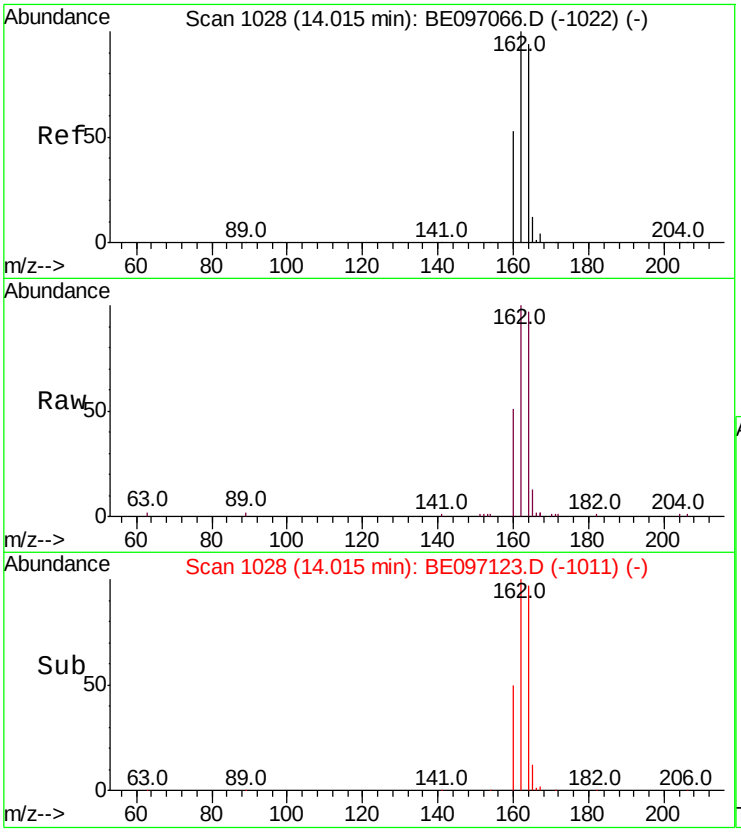


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 11.80 min Scan# 777
Delta R.T. -0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:142 Resp: 6177

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6
115	39.6	31.7	47.5



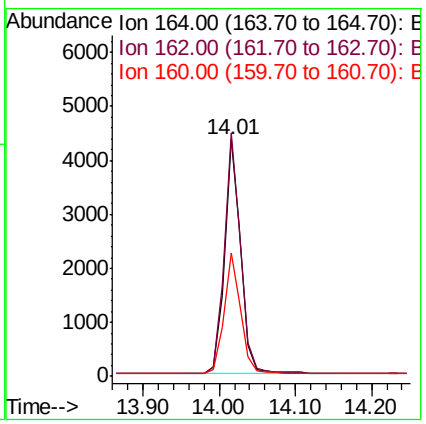


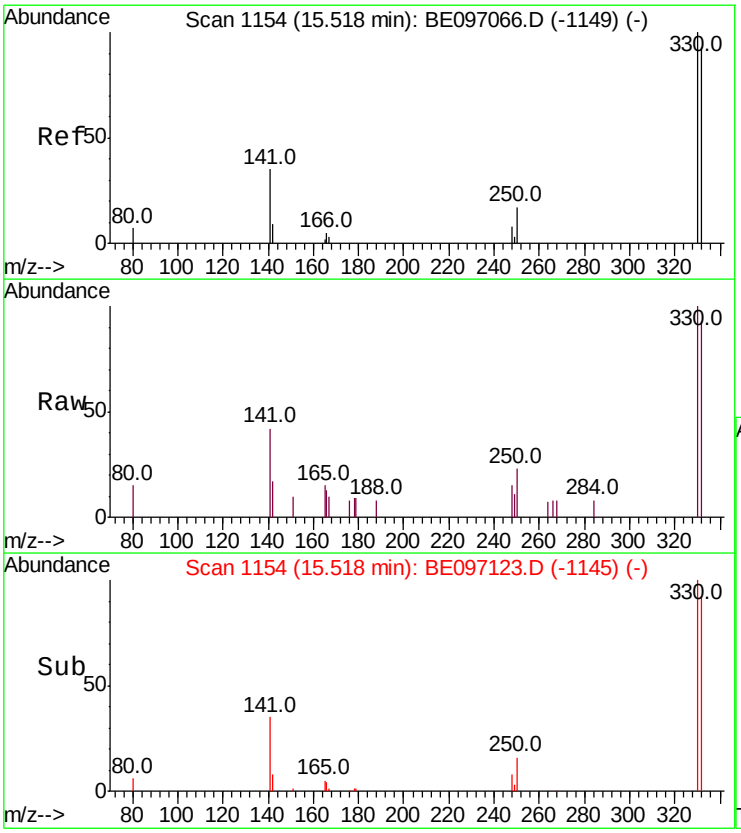
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6558

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.1	124.7
160	51.9	37.1	55.7

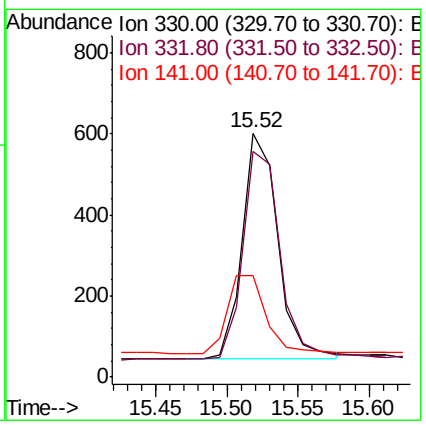


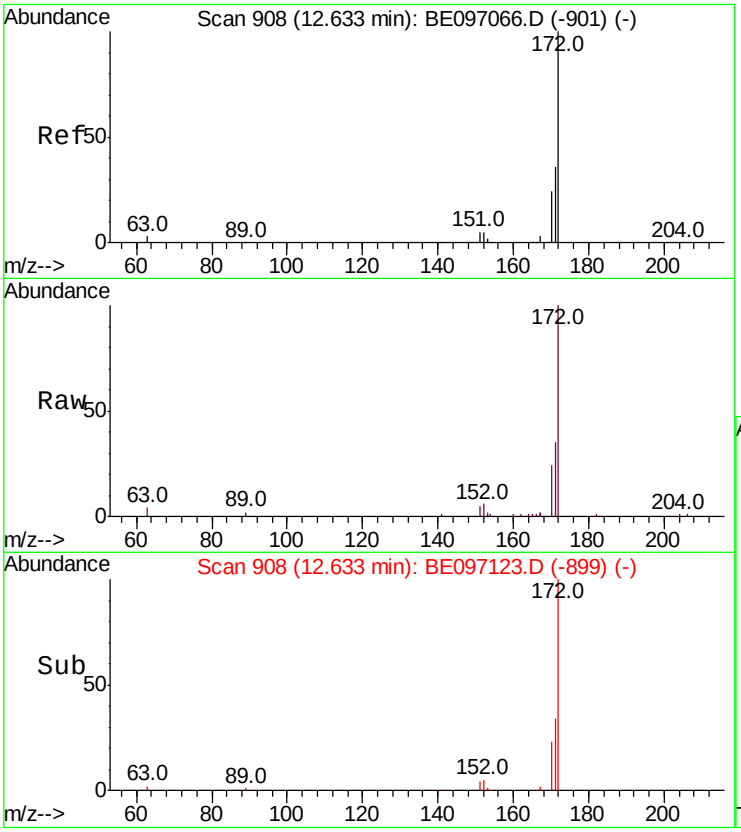


#14
2,4,6-Tribromophenol
Concen: 0.449 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:330 Resp: 969

Ion	Ratio	Lower	Upper
330	100		
332	96.5	152.7	229.1#
141	37.9	33.7	50.5



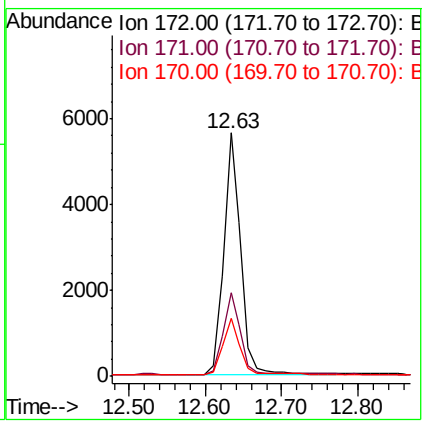


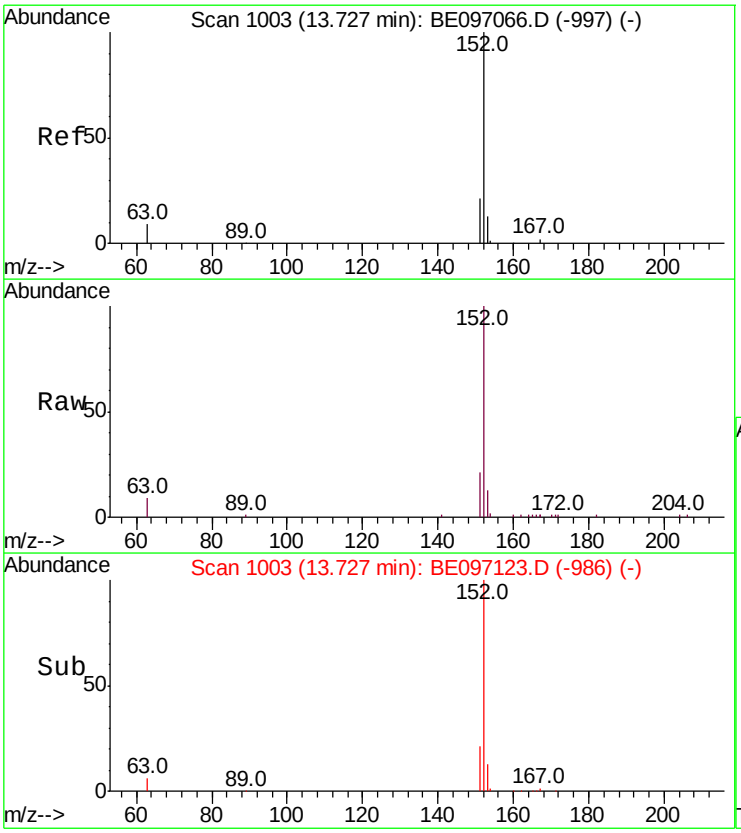
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 8832

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	23.7	21.8	32.8

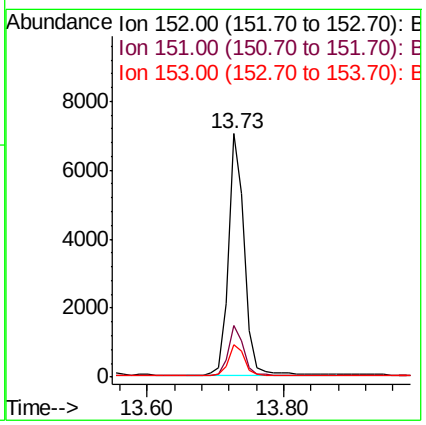


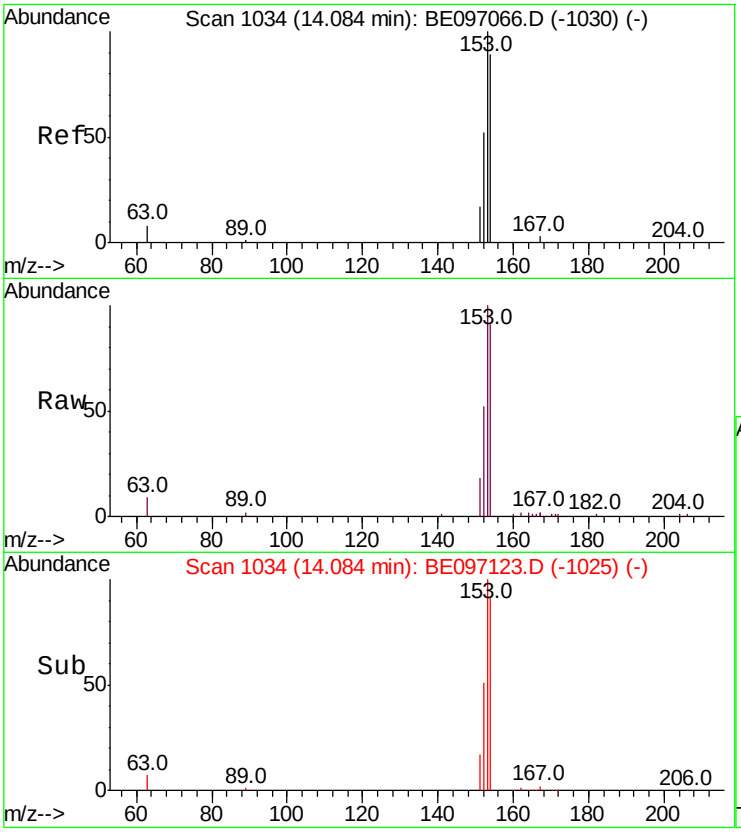


#16
Acenaphthylene
Concen: 0.390 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:152 Resp: 11491

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.7	10.5	15.7



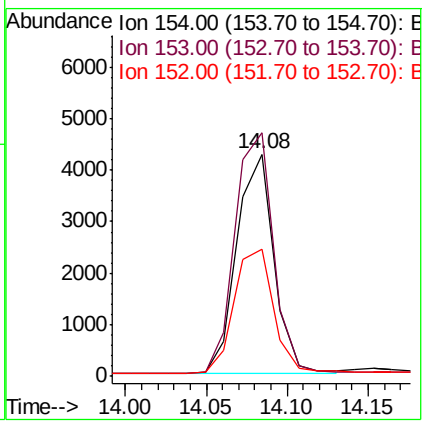


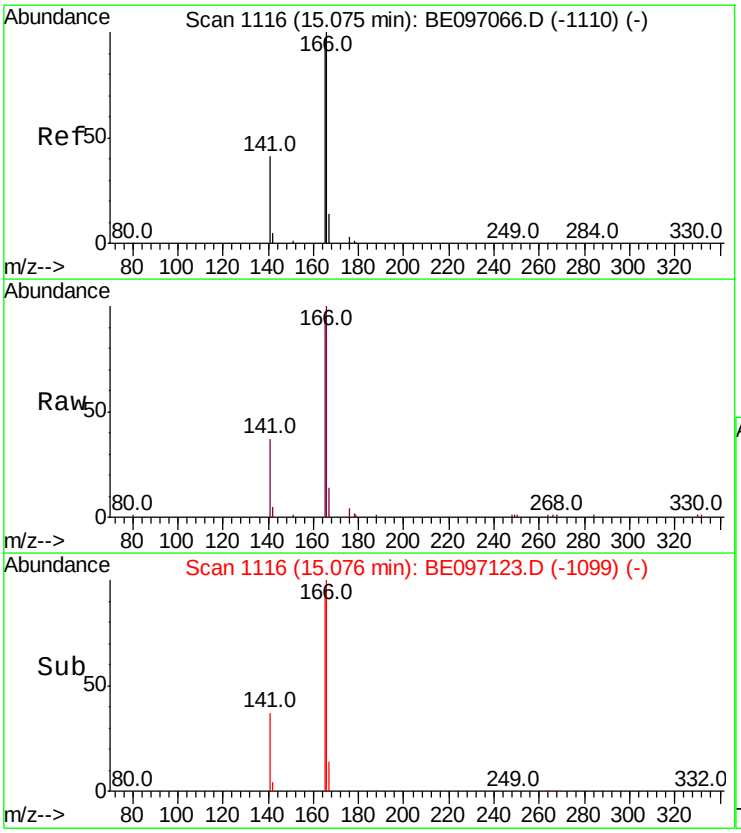
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 6766

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.2	133.8
152	60.2	42.0	63.0

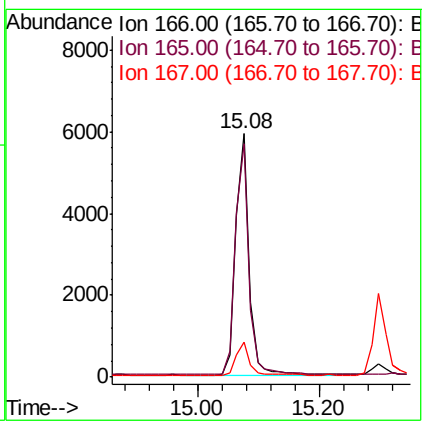


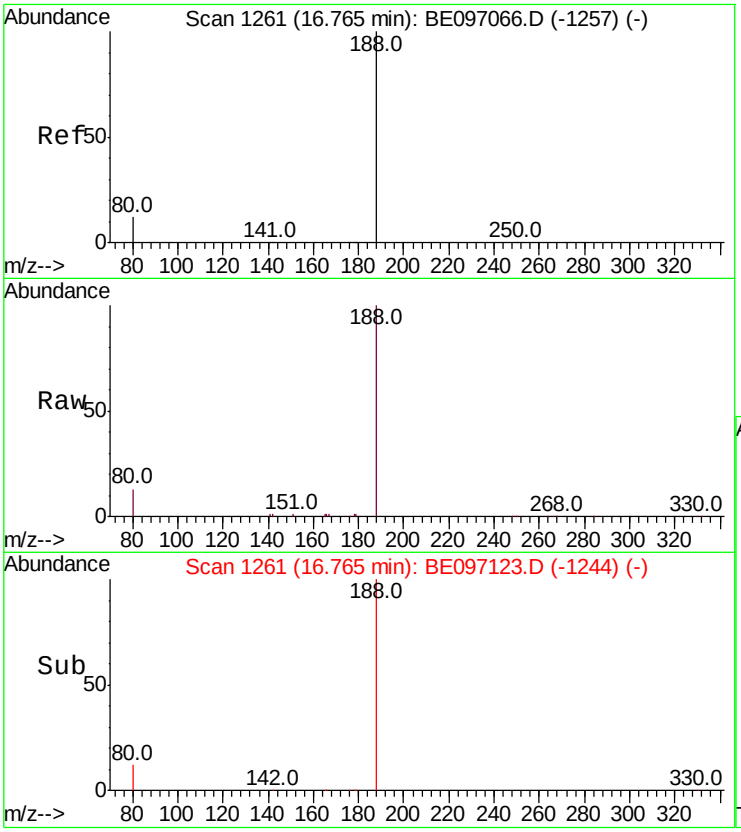


#18
Fluorene
Concen: 0.400 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:166 Resp: 9042

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	13.1	42.4	63.6#



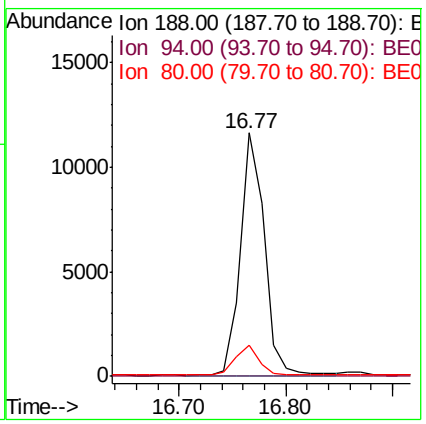


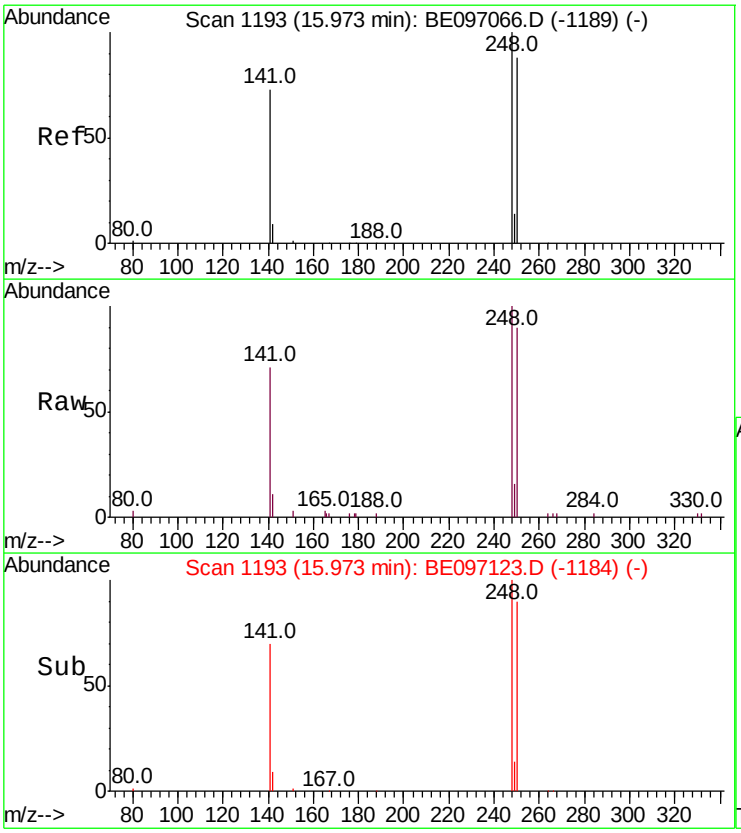
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 17945

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

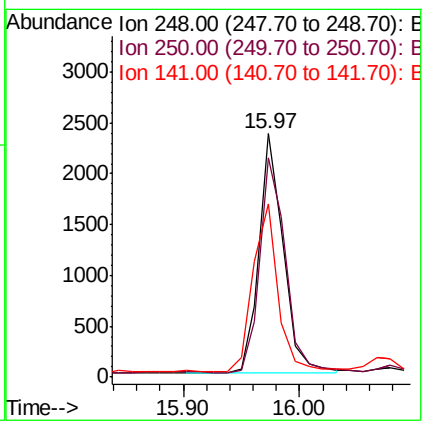


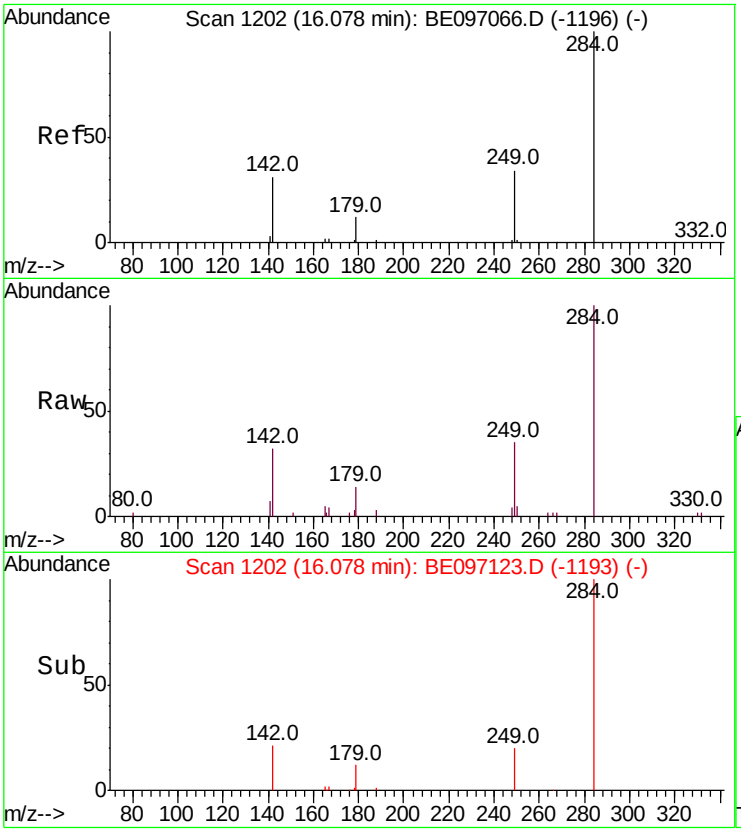


#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:248 Resp: 3399

Ion	Ratio	Lower	Upper
248	100		
250	90.3	62.7	94.1
141	71.2	48.2	72.2



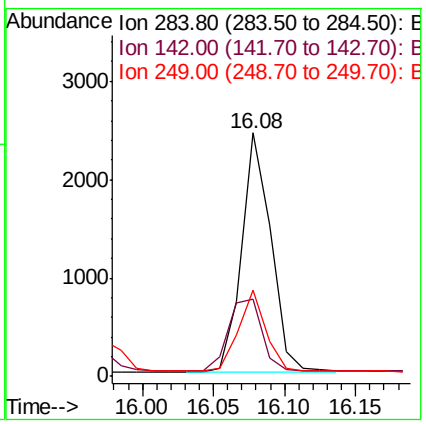


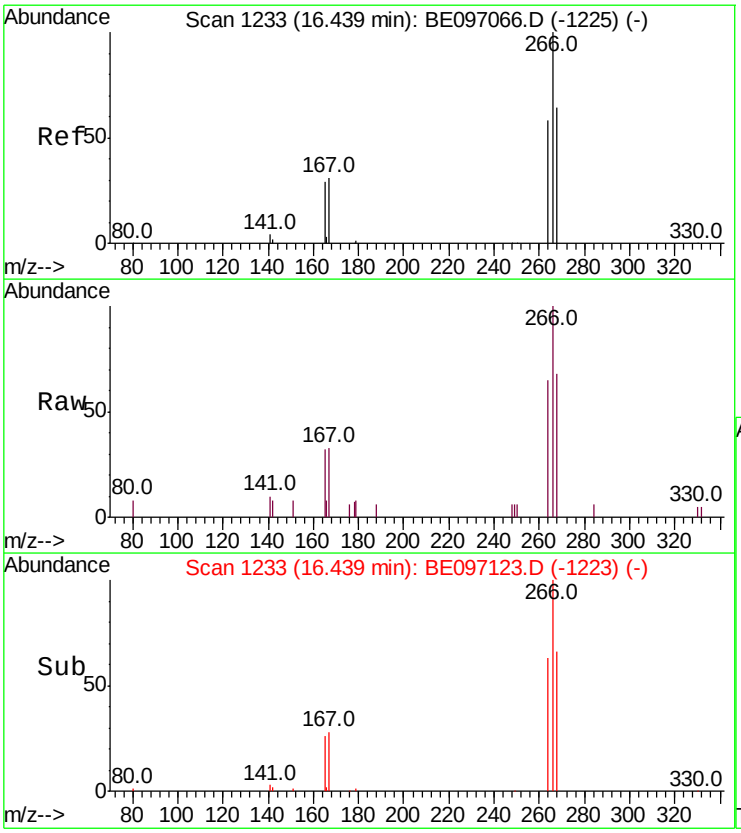
#21
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3458

Ion	Ratio	Lower	Upper
284	100		
142	34.7	22.1	33.1#
249	31.4	34.8	52.2#

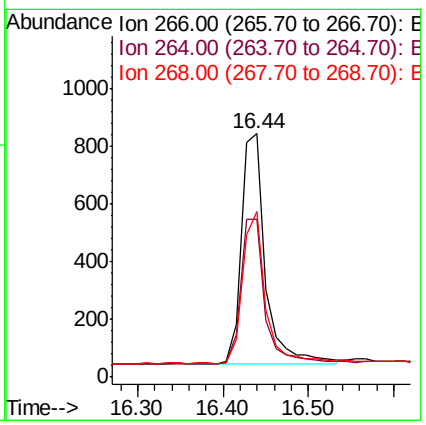


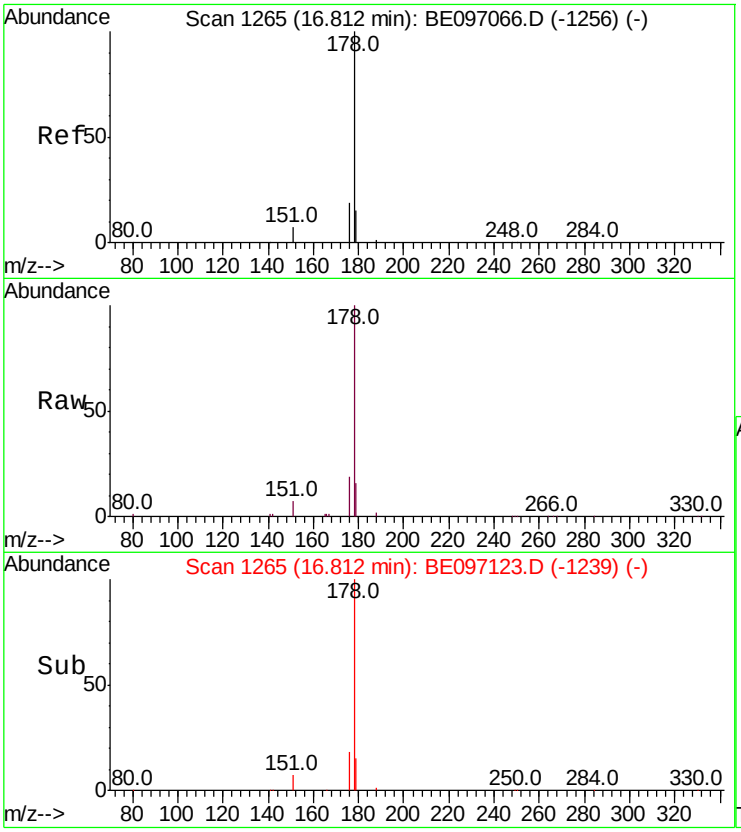


#22
Pentachlorophenol
Concen: 0.660 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:266 Resp: 1573

Ion	Ratio	Lower	Upper
266	100		
264	64.8	72.5	108.7#
268	67.8	73.8	110.6#



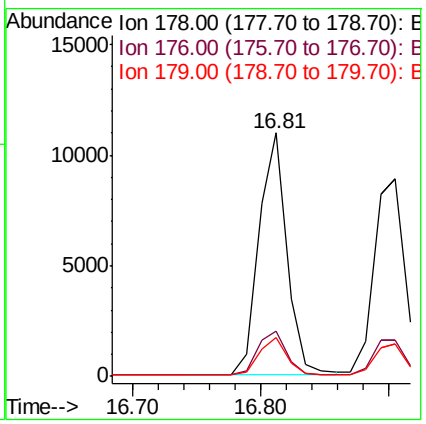


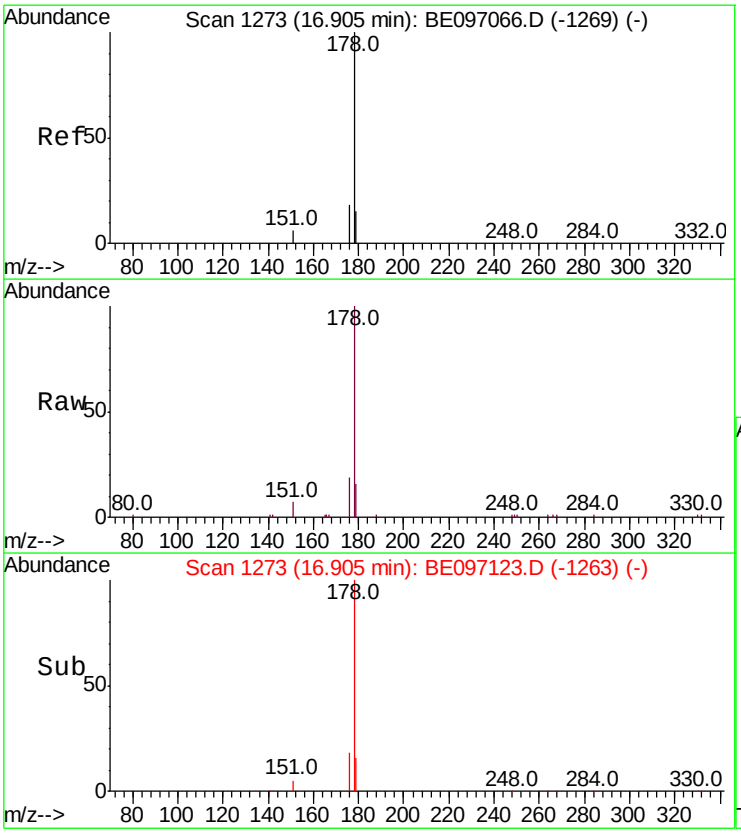
#23
Phenanthrene
Concen: 0.391 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 16741

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.5	11.8	17.6

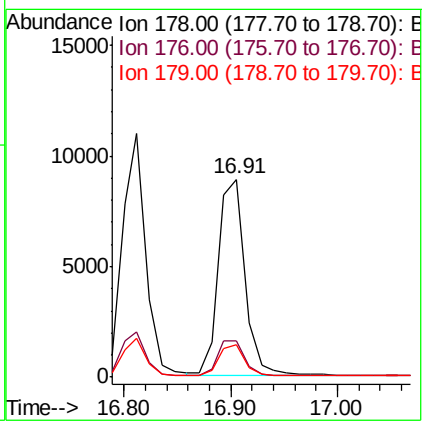


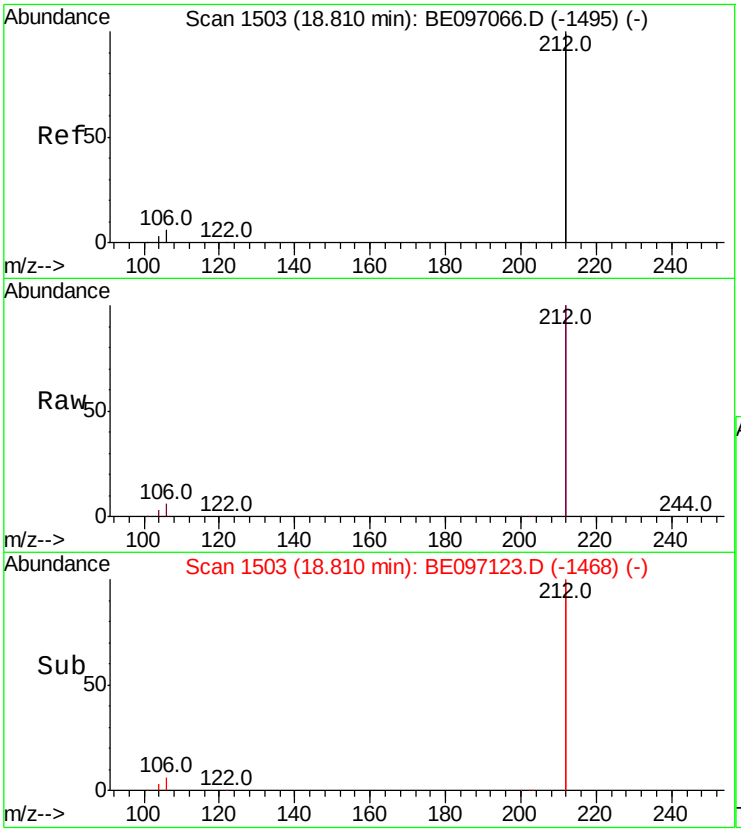


#24
Anthracene
Concen: 0.398 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:178 Resp: 15232

Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.3	13.0	19.6



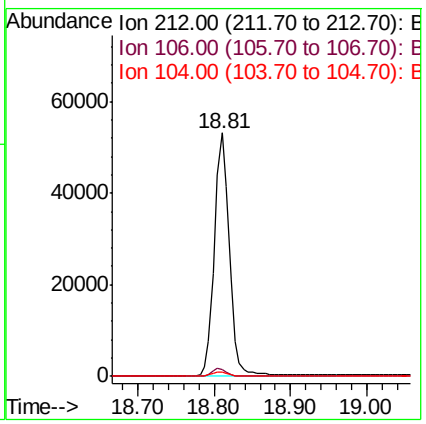


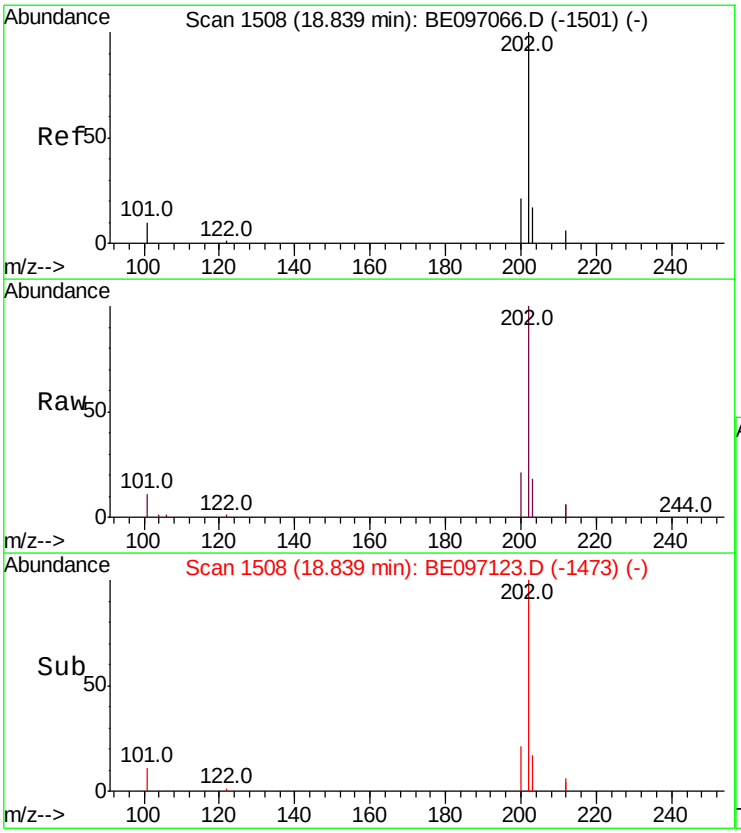
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 71354

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

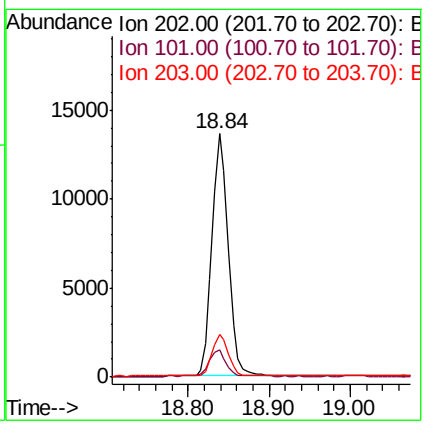


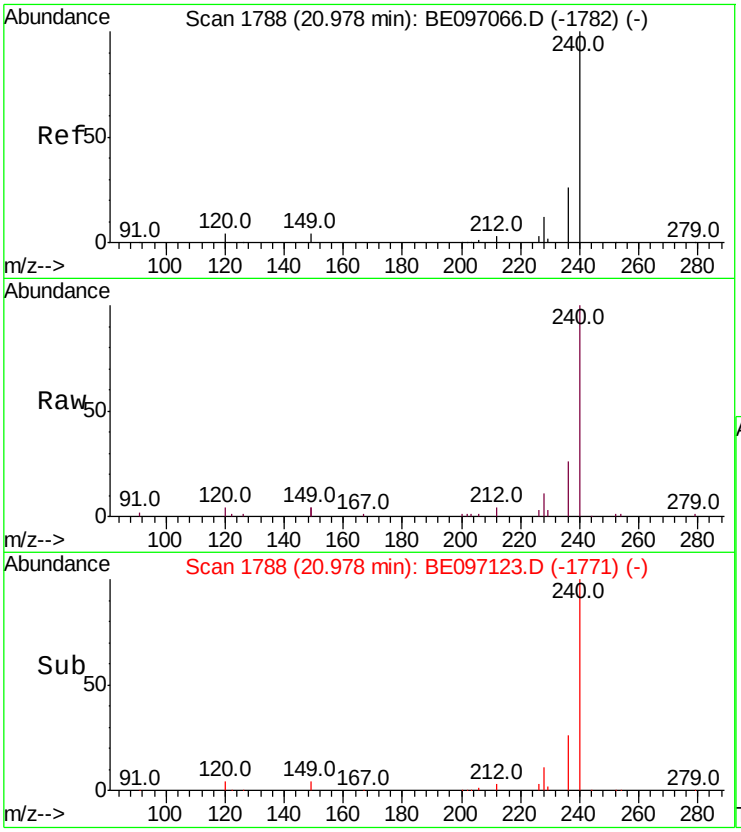


#26
Fluoranthene
Concen: 0.396 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:202 Resp: 19001

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



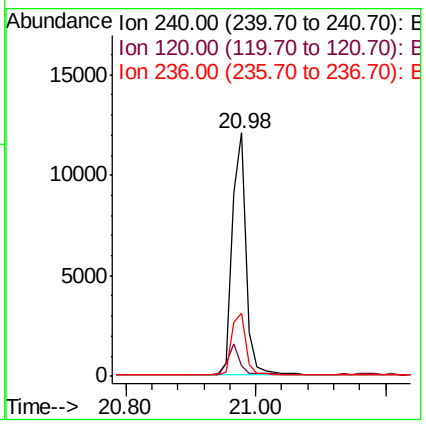


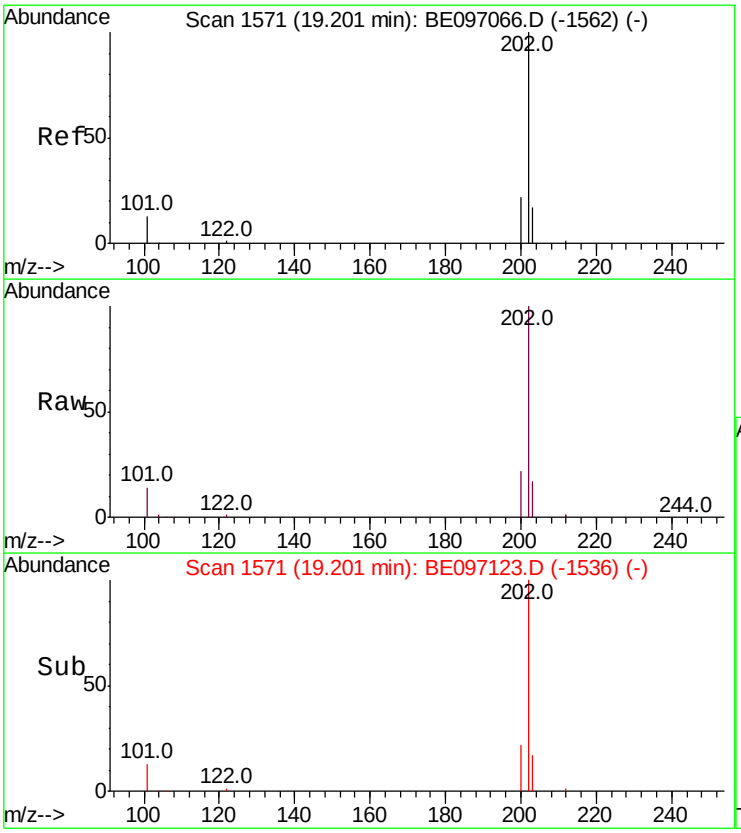
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 18238

Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.5	8.3#
236	26.2	20.7	31.1

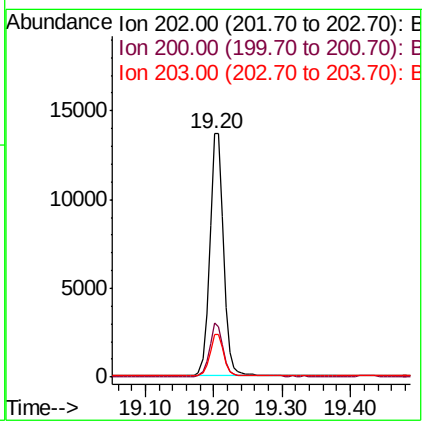


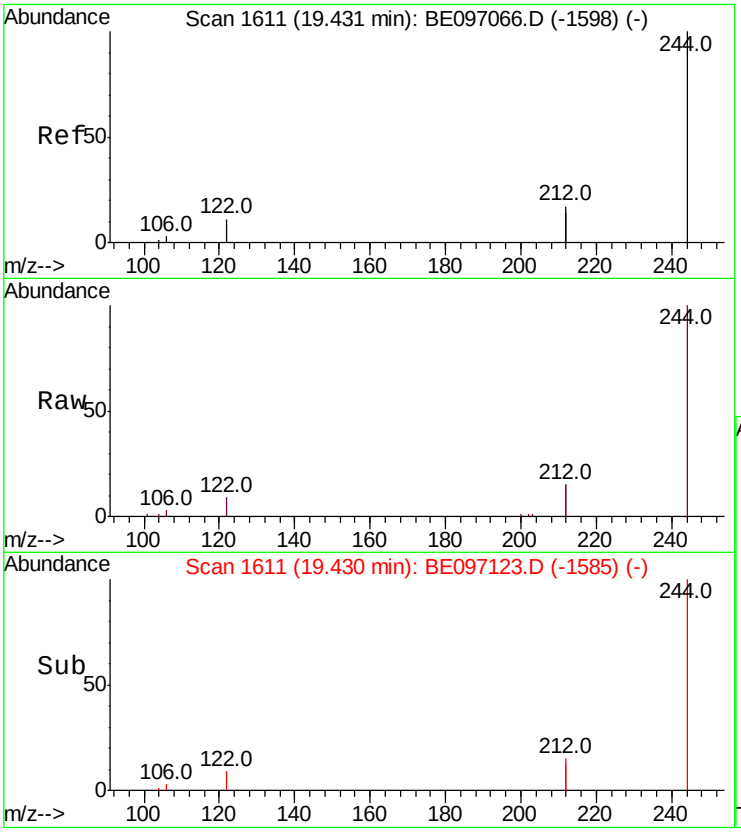


#28
Pyrene
Concen: 0.388 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:202 Resp: 19402

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.5	13.8	20.8



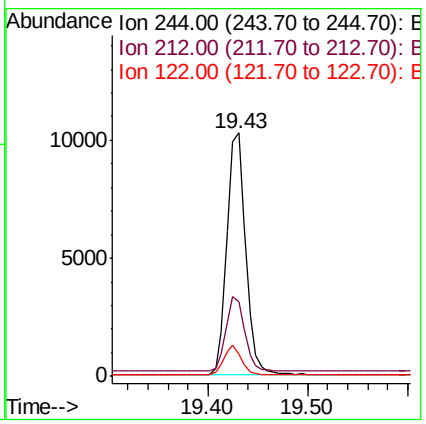


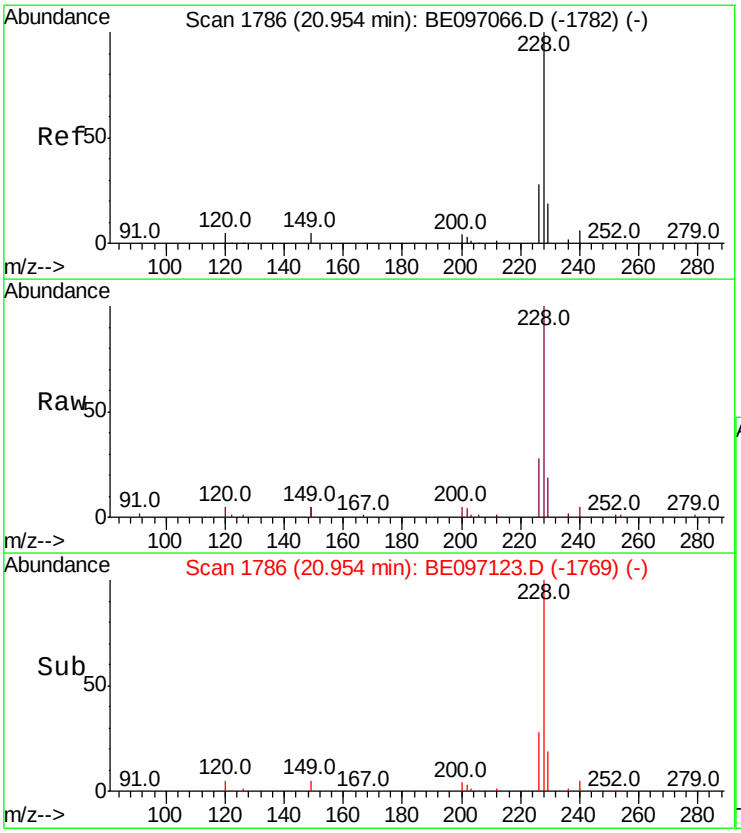
#29
Terphenyl-d14
Concen: 0.388 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 13589

Ion	Ratio	Lower	Upper
244	100		
212	30.5	25.4	38.0
122	9.0	8.1	12.1

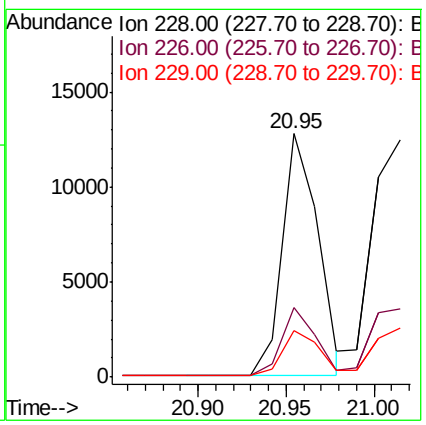


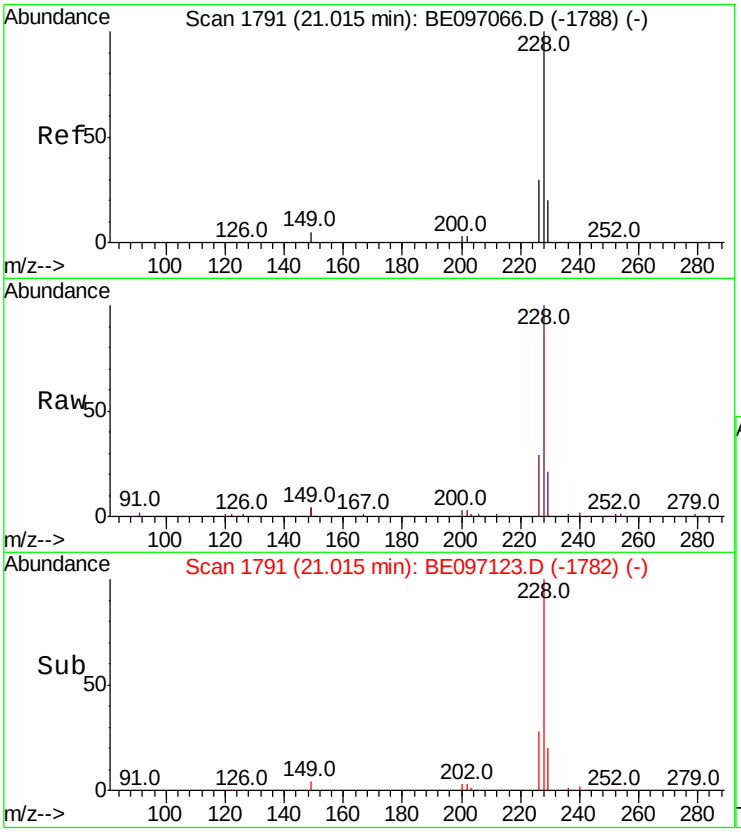


#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 20.95 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:228 Resp: 18137

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	19.3	16.0	24.0



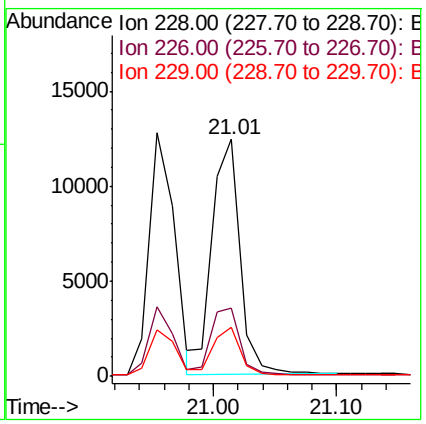


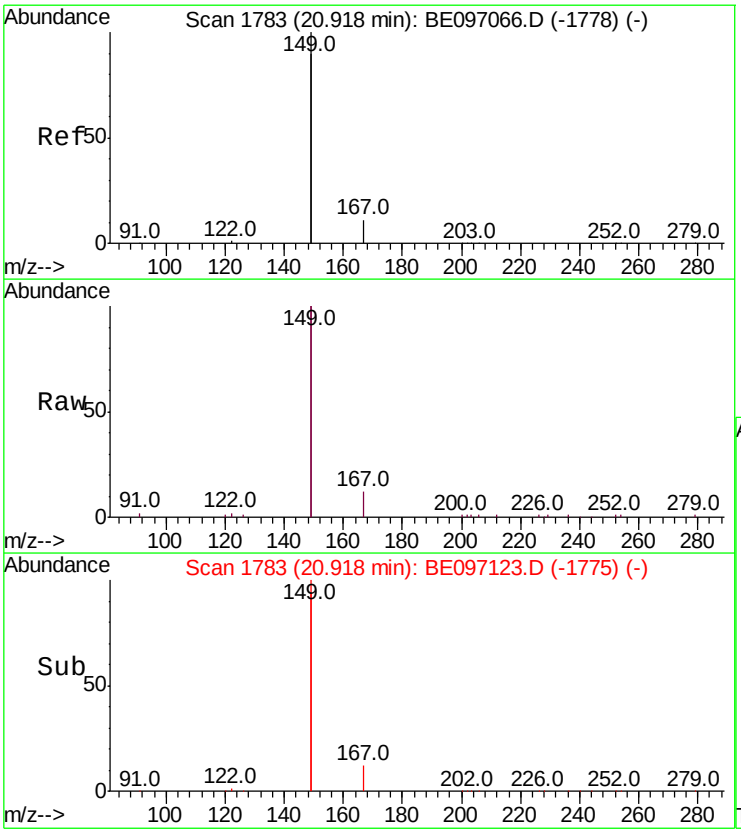
#31
Chrysene
Concen: 0.402 ng
RT: 21.01 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 19555

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	20.6	16.0	24.0

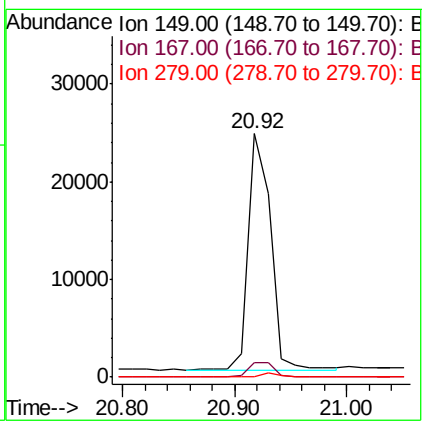


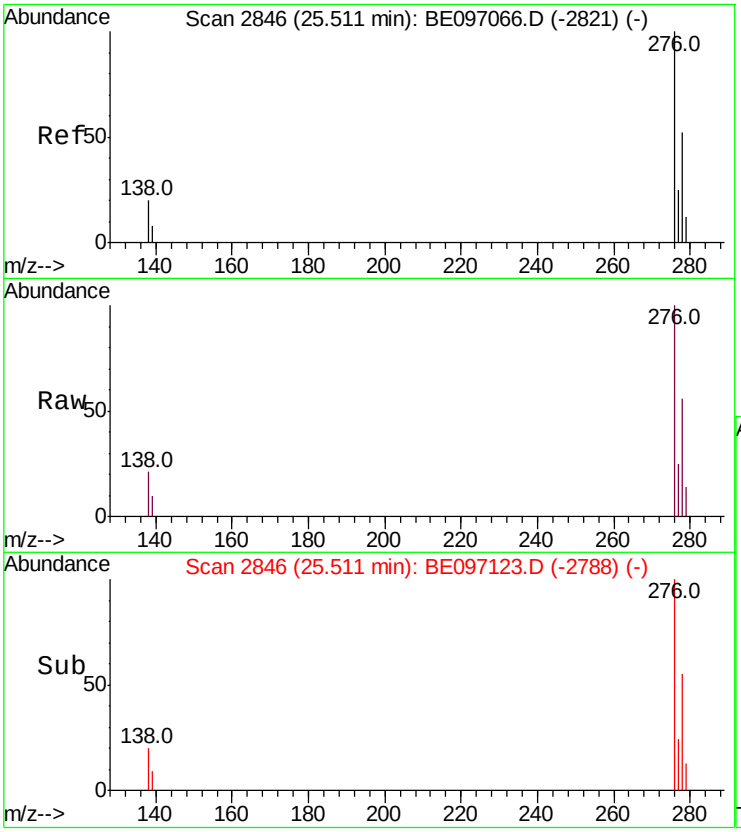


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.675 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:149 Resp: 33514

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	0.7	1.1#



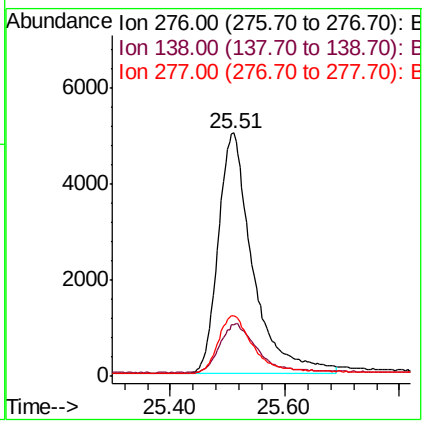


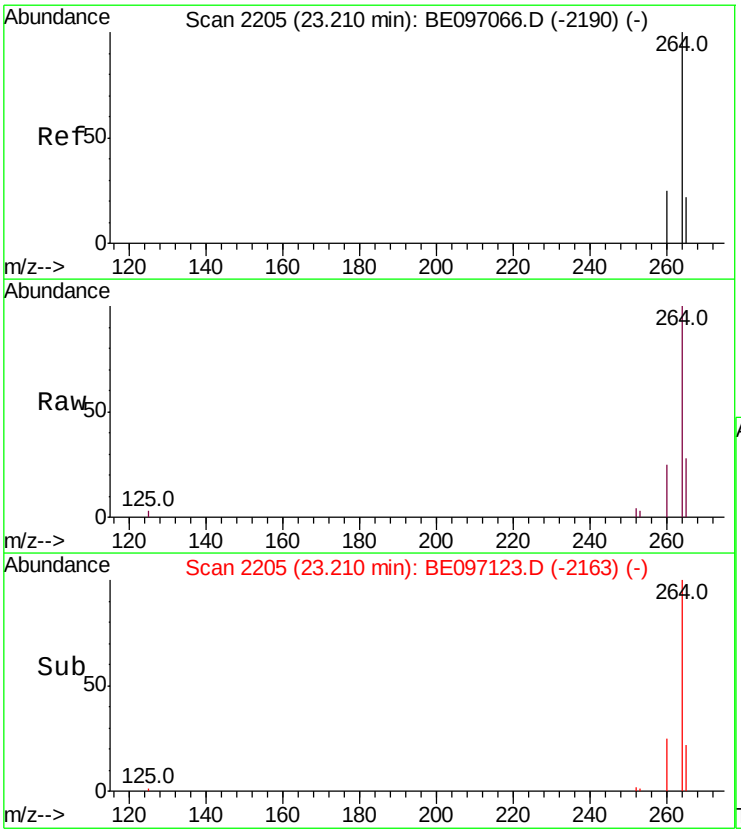
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.476 ng
RT: 25.51 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 20972

Ion	Ratio	Lower	Upper
276	100		
138	21.7	22.5	33.7#
277	24.4	19.9	29.9

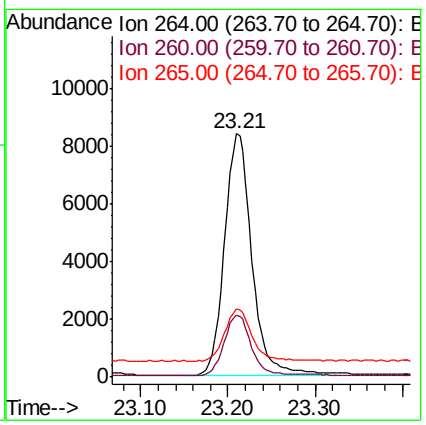


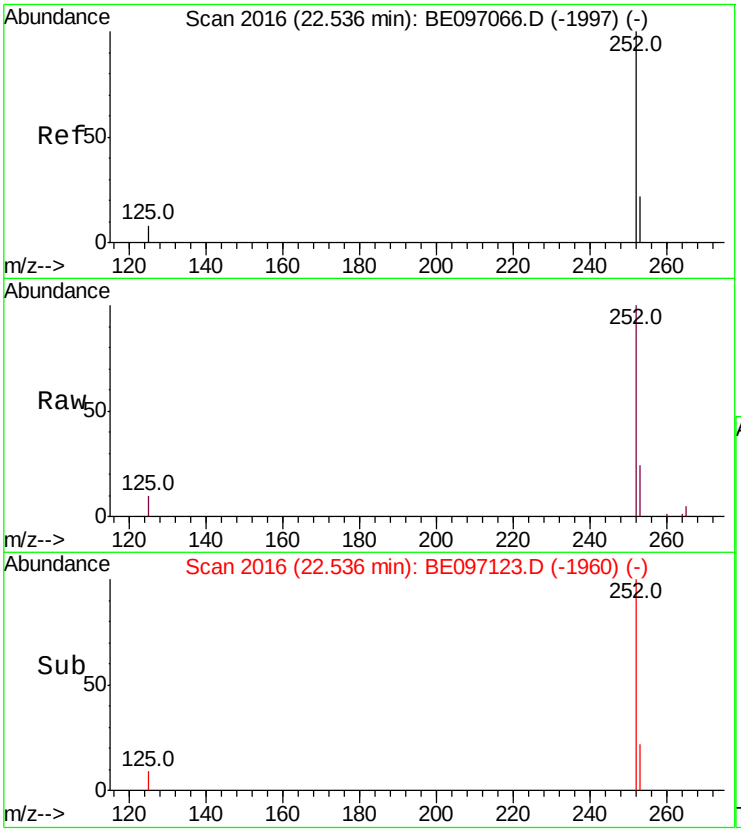


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:264 Resp: 18216

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	28.0	22.8	34.2



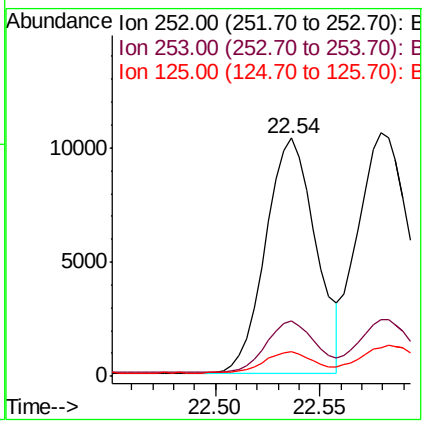


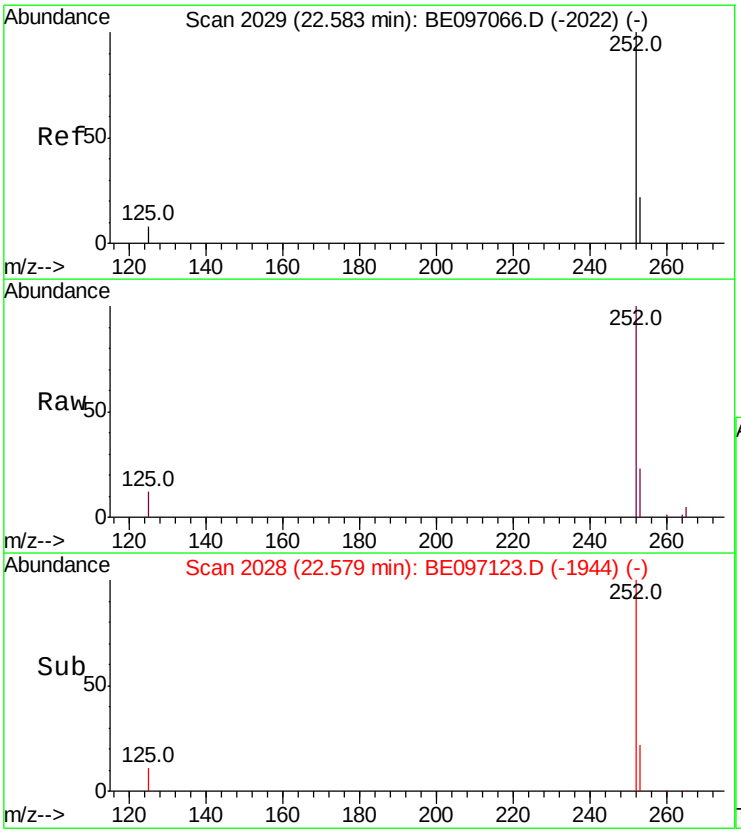
#35
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17193

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	10.3	16.0	24.0#

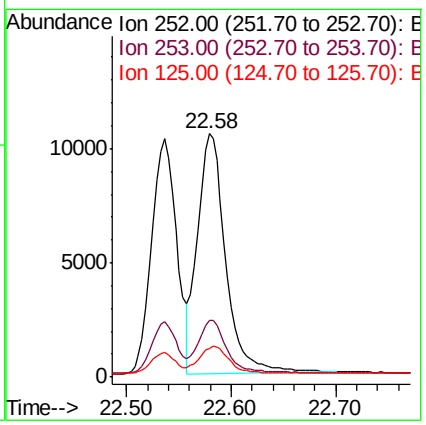


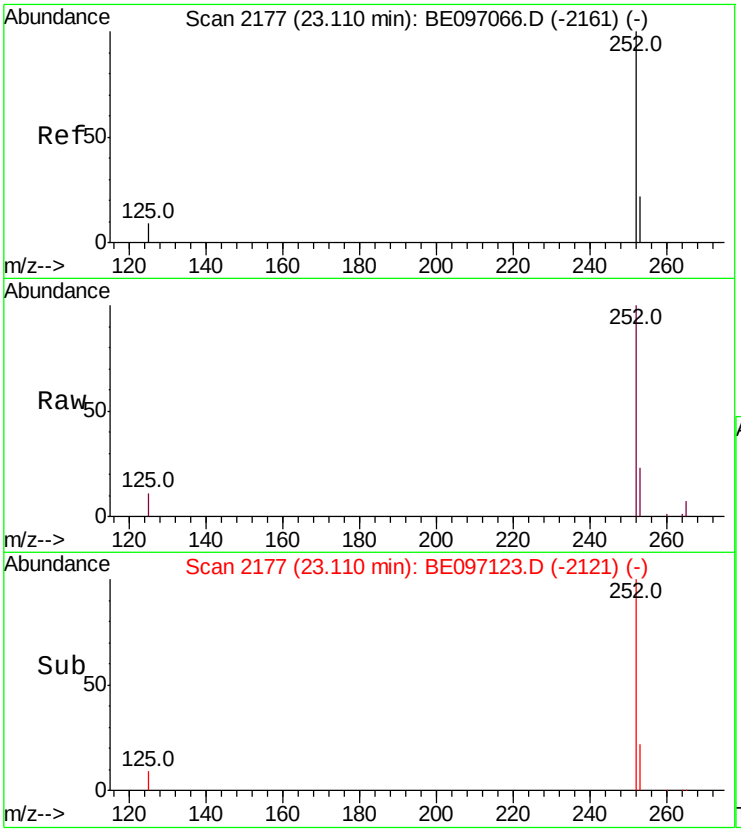


#36
Benzo(k)fluoranthene
Concen: 0.364 ng
RT: 22.58 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:252 Resp: 19648

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	12.0	8.0	12.0



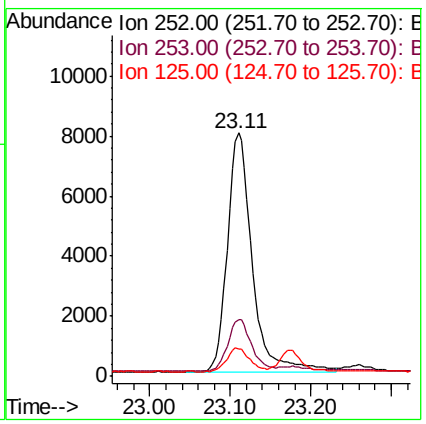


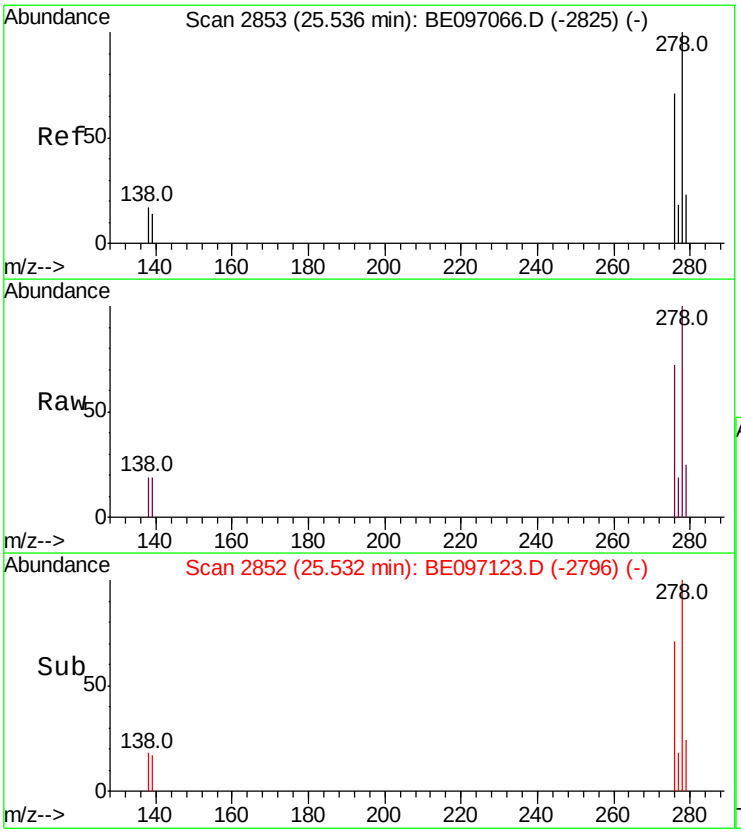
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.11 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17090

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.0	24.0
125	11.2	12.0	18.0#

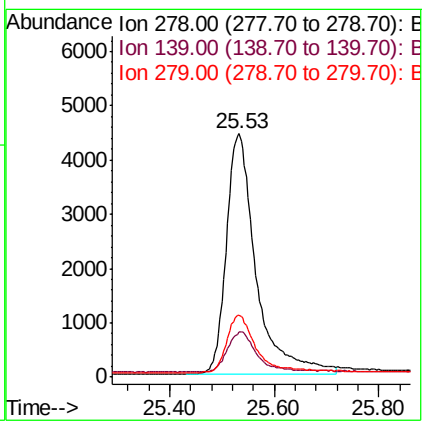


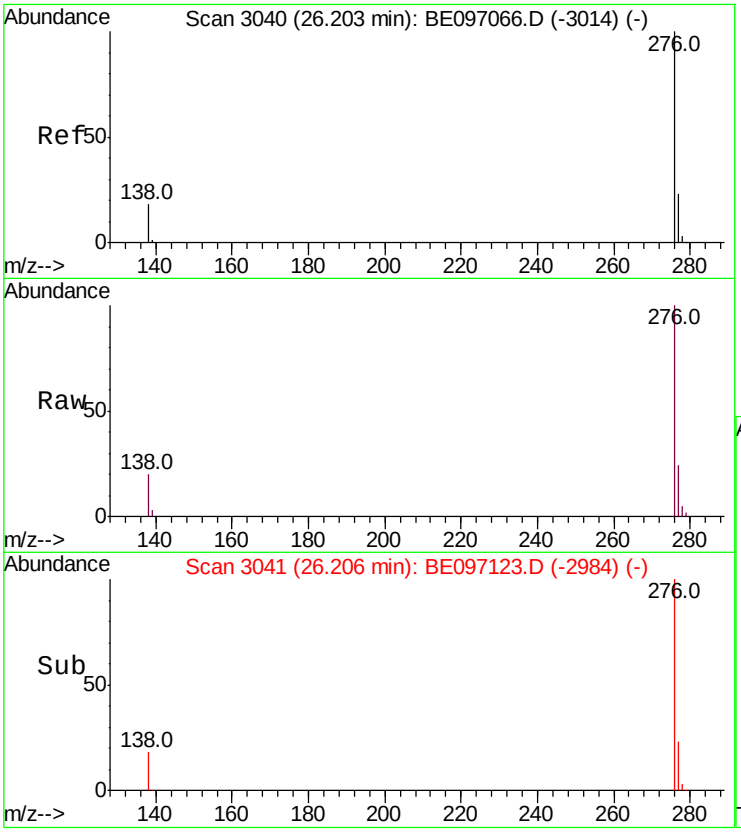


#38
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 25.53 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Tgt Ion:278 Resp: 17459

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.0	24.0
279	25.3	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.00 min
Lab File: BE097123.D
Acq: 31 Jul 2018 15:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 17905

Ion	Ratio	Lower	Upper
276	100		
277	24.5	16.0	24.0#
138	19.7	20.0	30.0#