Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081018\
Data File : BE097271.D
Acq On : 10 Aug 2018 20:45
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 10 23:08:12 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	1151	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6272	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3571	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	8038	0.40	ng		0.00
27) Chrysene-d12	20.98	240	7847	0.40	ng		0.00
34) Perylene-d12	23.22	264	8086	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1416	0.44	ng		0.01
5) Phenol-d6	6.61	99	2133	0.45	ng		0.01
8) Nitrobenzene-d5	8.53	82	2138	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	11.72	152	3401	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	457	0.39	ng		0.01
15) 2-Fluorobiphenyl	12.63	172	4789	0.39	ng		0.00
25) Fluoranthene-d10	18.81	212	29754	0.37	ng		0.00
29) Terphenyl-d14	19.43	244	5549	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	715	0.391	ng		95
3) n-Nitrosodimethylamine	3.38	42	574	0.281	ng	#	91
6) bis(2-Chloroethyl)ether	6.84	93	1608	0.371	ng		95
9) Naphthalene	10.19	128	21209	0.377	ng		99
10) Hexachlorobutadiene	10.48	225	977	0.387	ng		97
12) 2-Methylnaphthalene	11.80	142	3524	0.365	ng		99
16) Acenaphthylene	13.73	152	6106	0.381	ng		100
17) Acenaphthene	14.08	154	3523	0.378	ng		92
18) Fluorene	15.07	166	4335	0.352	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	1562	0.400	ng		89
21) Hexachlorobenzene	16.08	284	1723	0.411	ng	#	83
22) Pentachlorophenol	16.44	266	415	0.422	ng		82
23) Phenanthrene	16.81	178	7053	0.368	ng		98
24) Anthracene	16.90	178	6404	0.374	ng		96
26) Fluoranthene	18.84	202	7839	0.365	ng		98
28) Pyrene	19.21	202	7955	0.370	ng		100
30) Benzo(a)anthracene	20.95	228	7838	0.401	ng		99
31) Chrysene	21.01	228	7875	0.376	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	13595	0.640	ng		99
33) Indeno(1,2,3-cd)pyrene	25.52	276	9648	0.509	ng	#	94
35) Benzo(b)fluoranthene	22.54	252	7301	0.356	ng	#	90
36) Benzo(k)fluoranthene	22.59	252	8674	0.362	ng	#	89
37) Benzo(a)pyrene	23.12	252	7498	0.388	ng		93
38) Dibenzo(a,h)anthracene	25.55	278	8172	0.424	ng		99
39) Benzo(g,h,i)perylene	26.23	276	7847	0.384	ng	#	90

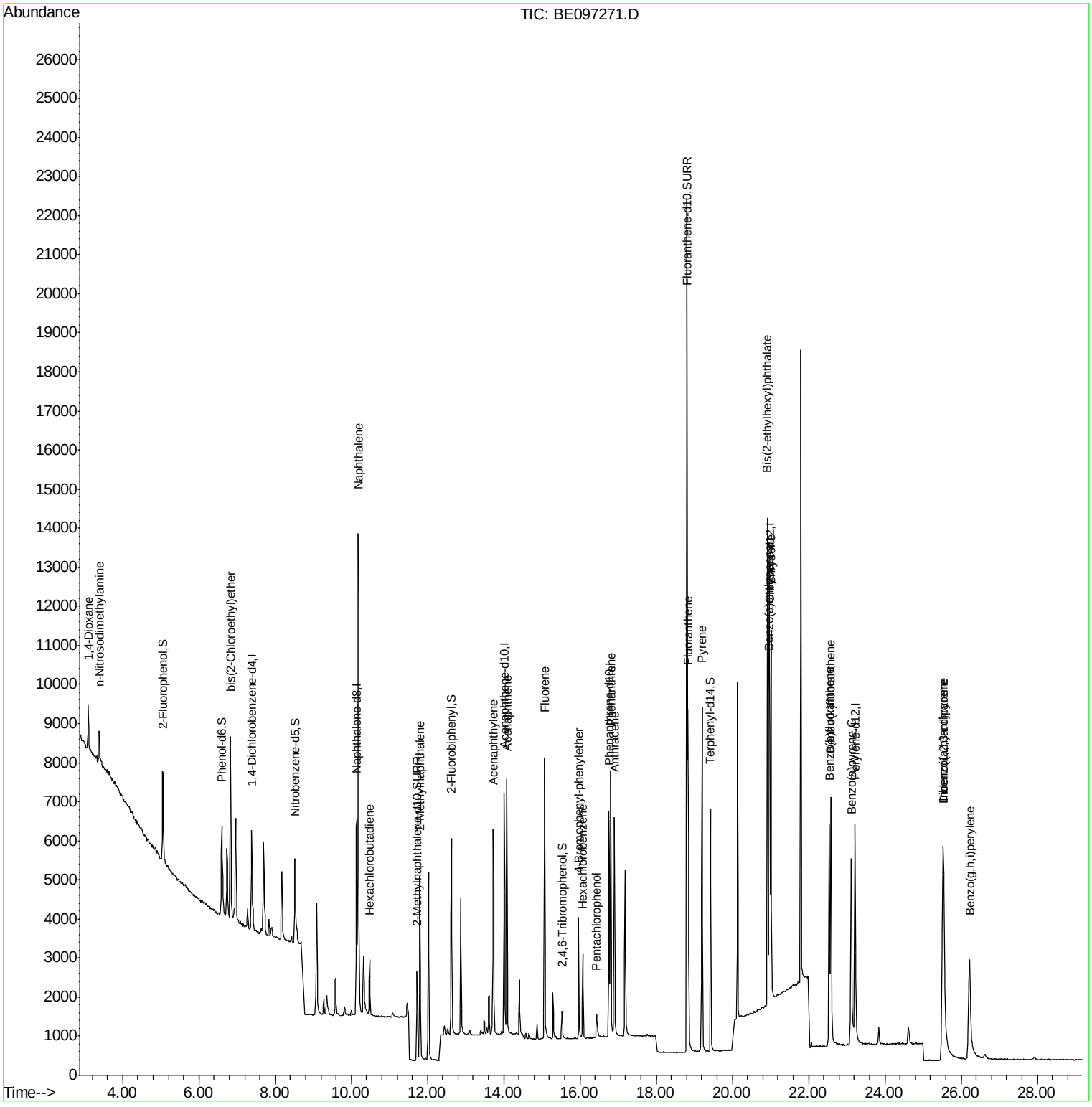
(#) = qualifier out of range (m) = manual integration (+) = signals summed

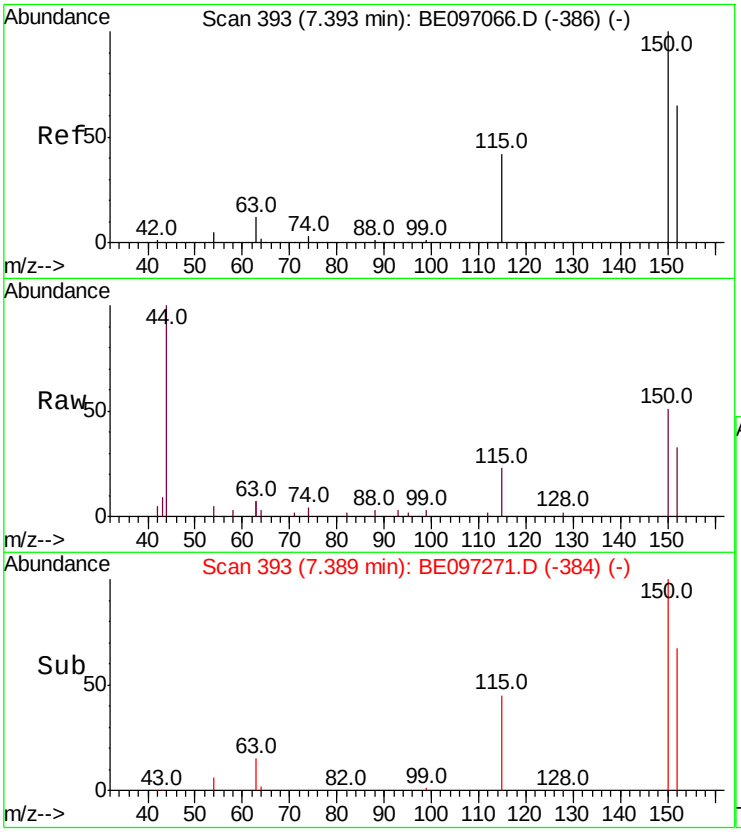
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081018\
Data File : BE097271.D
Acq On : 10 Aug 2018 20:45
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 10 23:08:12 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



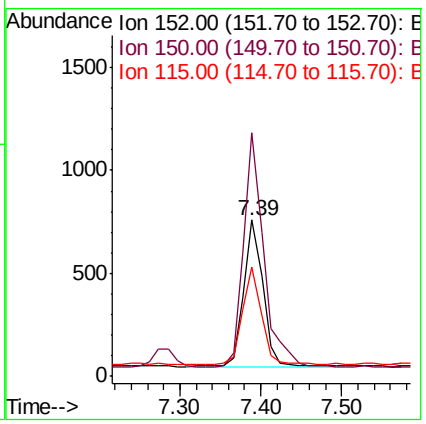


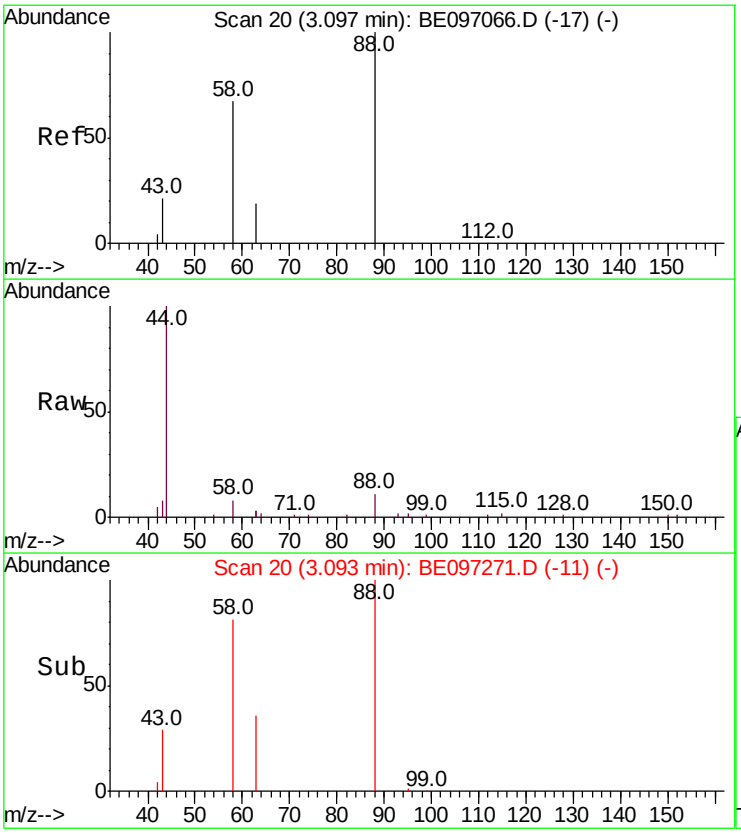
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1151

Ion	Ratio	Lower	Upper
152	100		
150	155.9	117.2	175.8
115	70.3	57.0	85.6

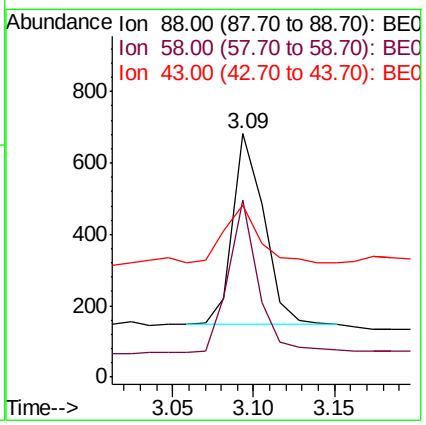


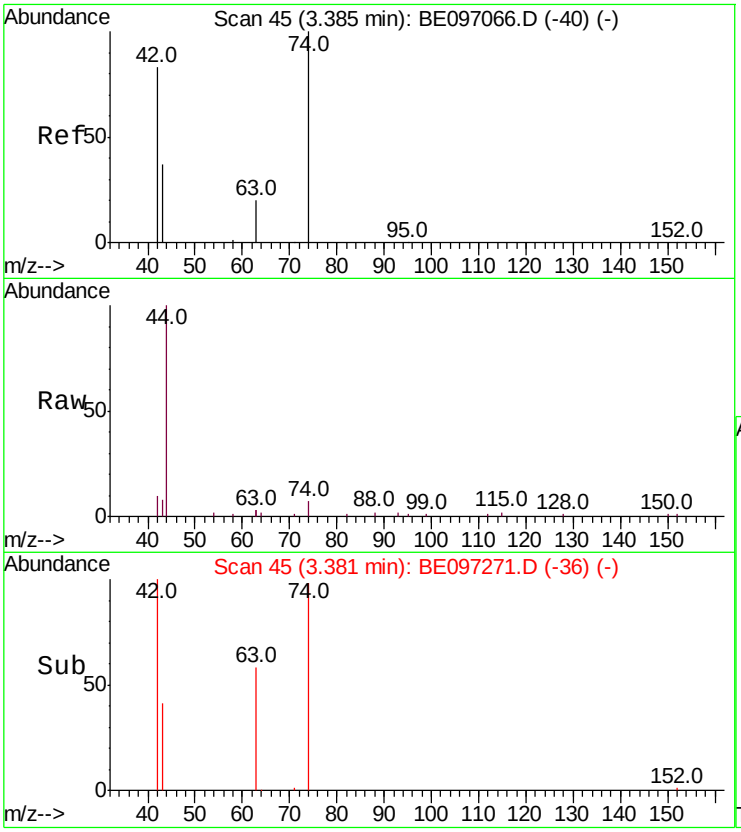


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion: 88 Resp: 715

Ion	Ratio	Lower	Upper
88	100		
58	78.5	63.2	94.8
43	43.6	41.2	61.8



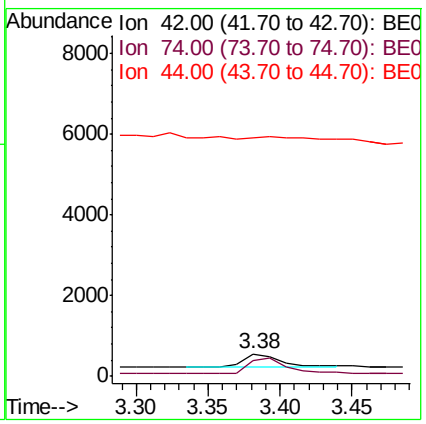


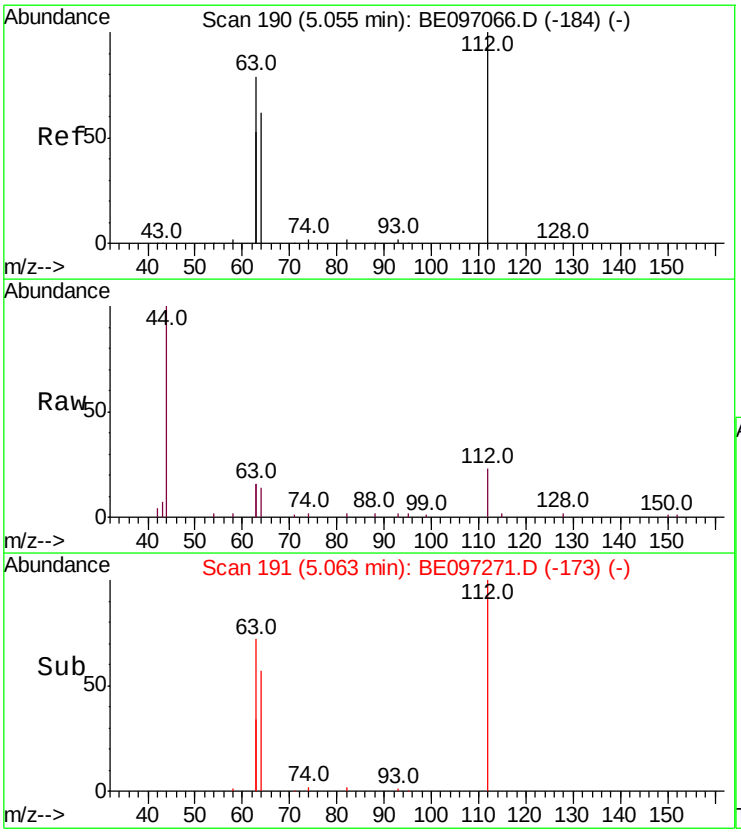
#3
n-Nitrosodimethylamine
Concen: 0.281 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 574

Ion	Ratio	Lower	Upper
42	100		
74	125.8	96.0	144.0
44	0.0	12.0	18.0#

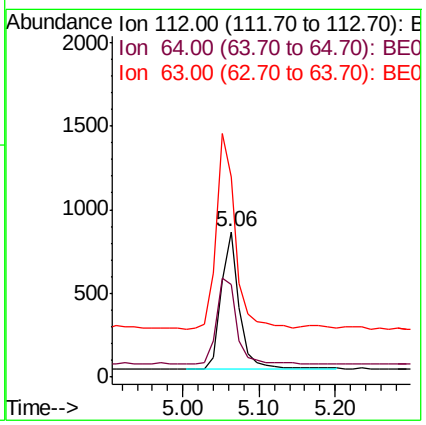


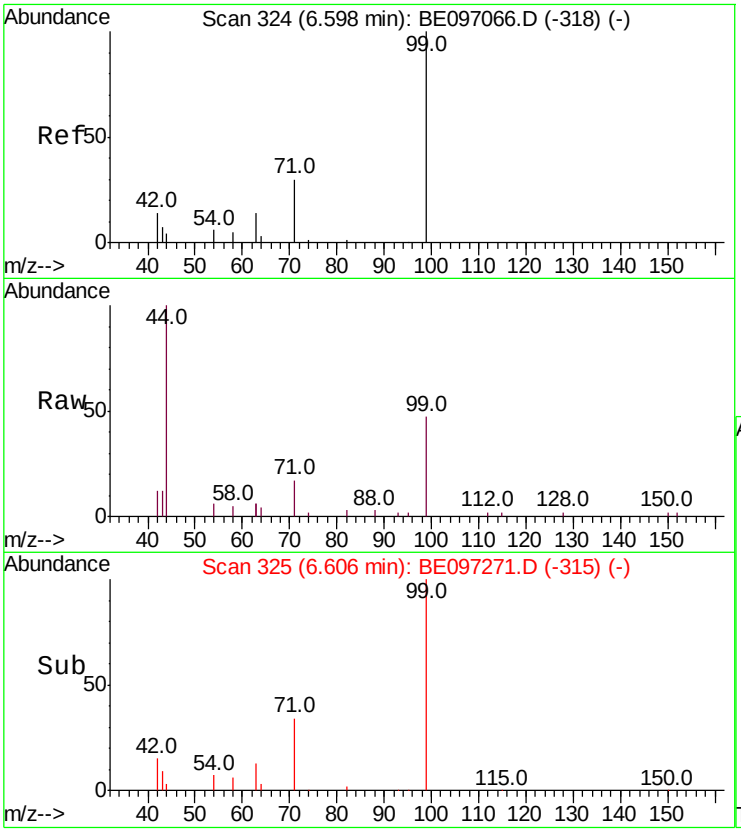


#4
2-Fluorophenol
Concen: 0.438 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:112 Resp: 1416

Ion	Ratio	Lower	Upper
112	100		
64	66.0	60.1	90.1
63	142.5	116.8	175.2



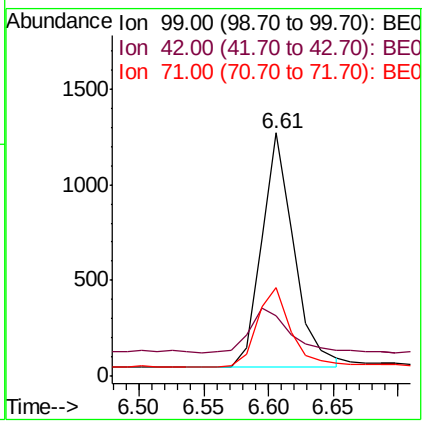


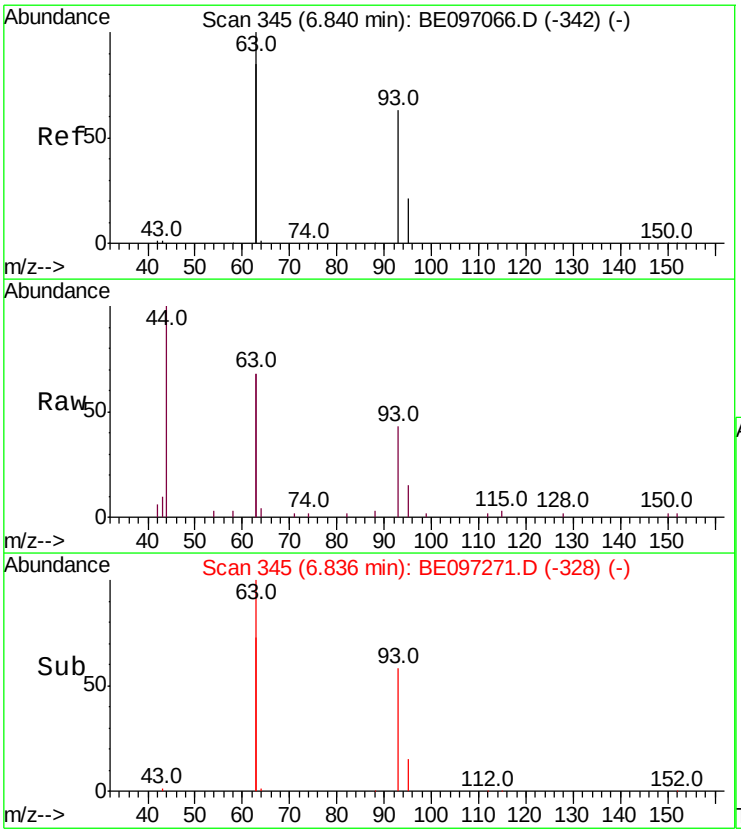
#5
Phenol-d6
Concen: 0.449 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2133

Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.2	30.2
71	35.4	28.4	42.6

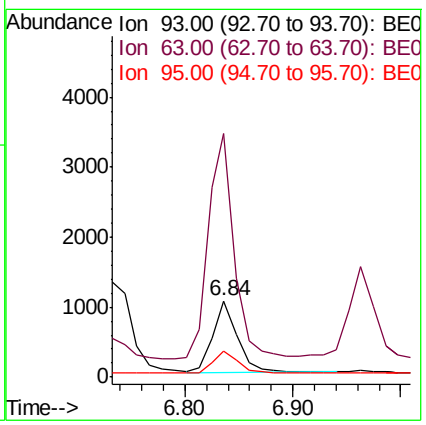


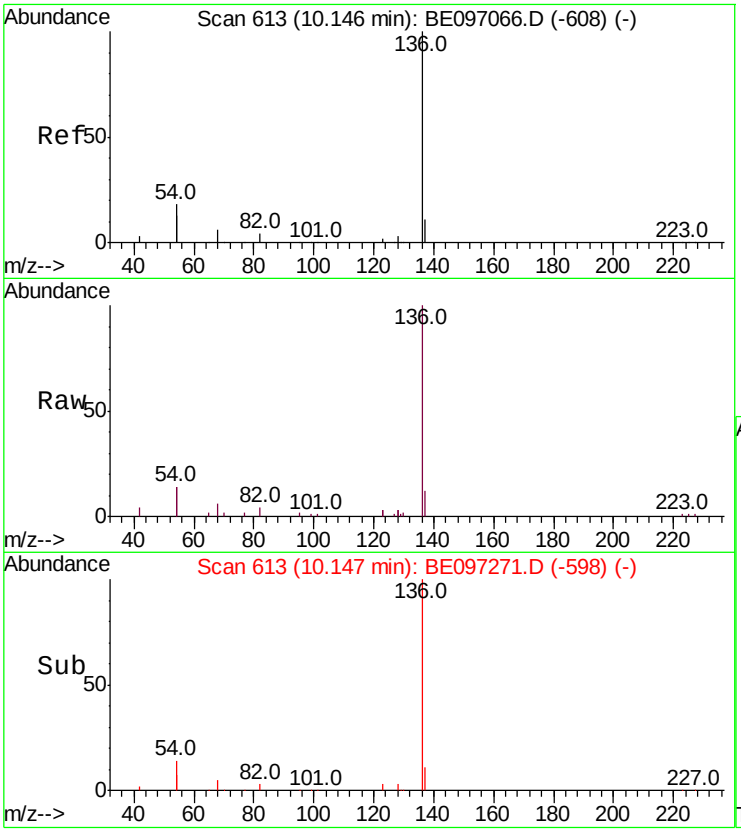


#6
bis(2-Chloroethyl)ether
Concen: 0.371 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion: 93 Resp: 1608

Ion	Ratio	Lower	Upper
93	100		
63	332.3	275.3	412.9
95	33.4	25.2	37.8



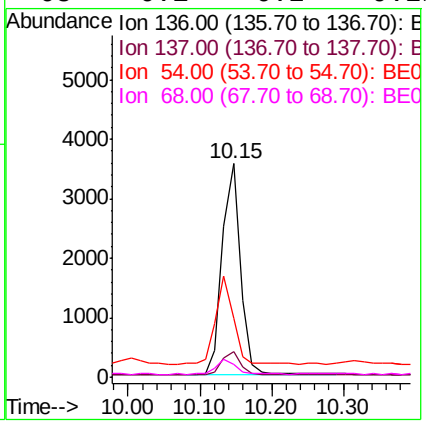


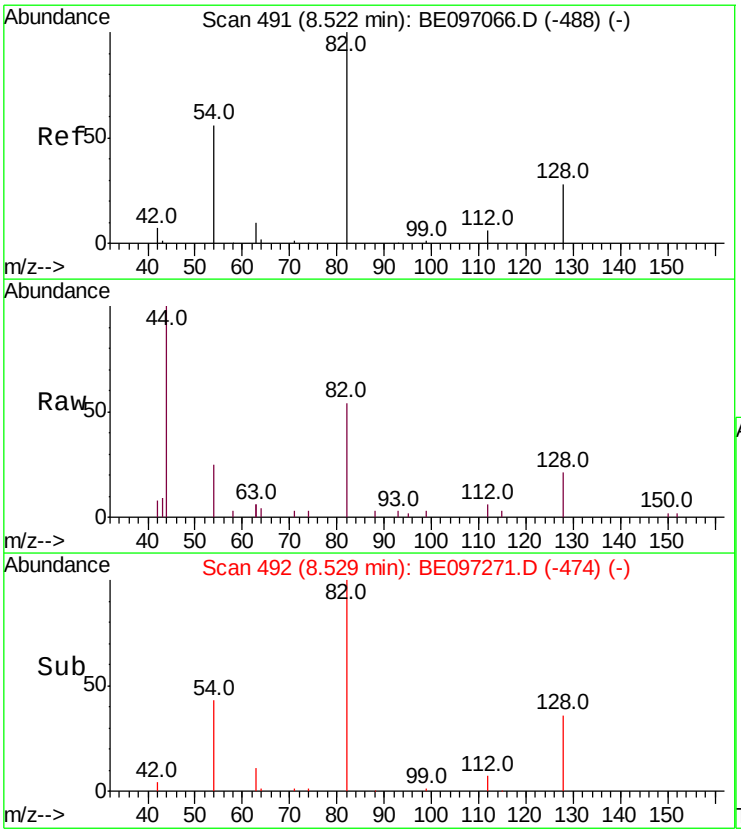
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6272

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	27.4	29.1	43.7#
68	6.1	6.2	9.2#

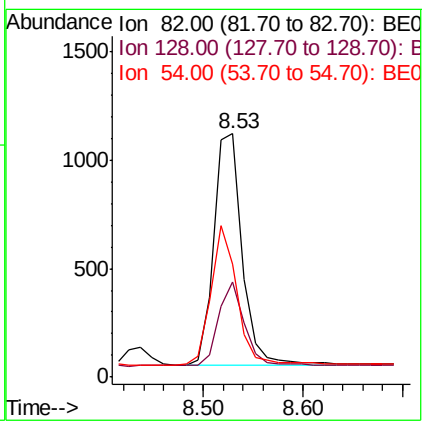


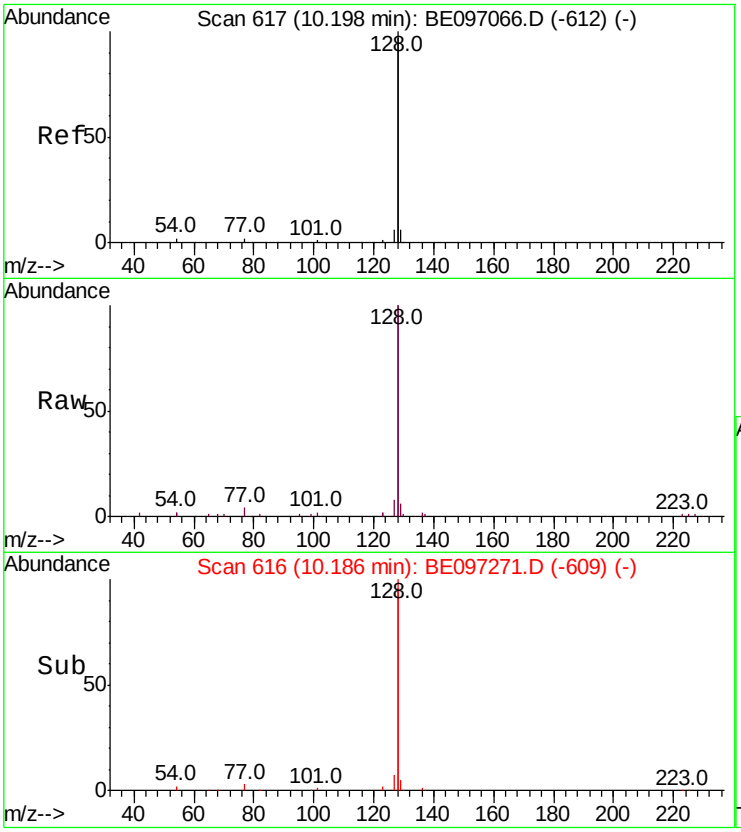


#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion: 82 Resp: 2138

Ion	Ratio	Lower	Upper
82	100		
128	38.9	24.0	36.0#
54	46.3	40.0	60.0



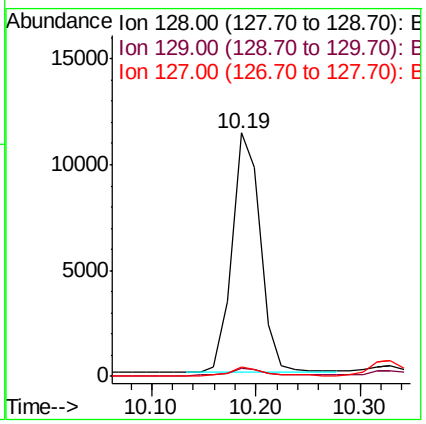


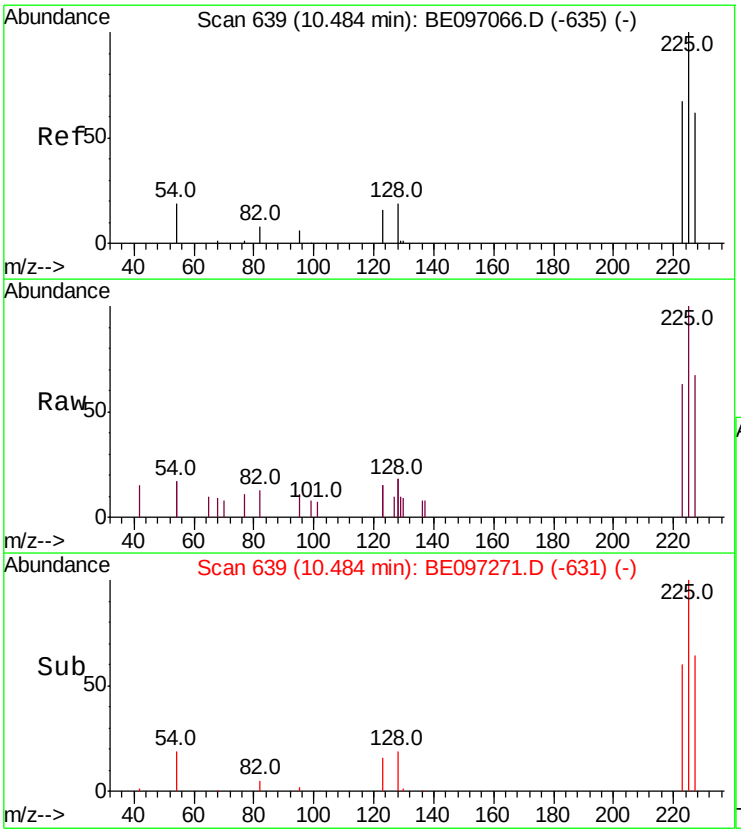
#9
Naphthalene
Concen: 0.377 ng
RT: 10.19 min Scan# 616
Delta R.T. -0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 21209

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

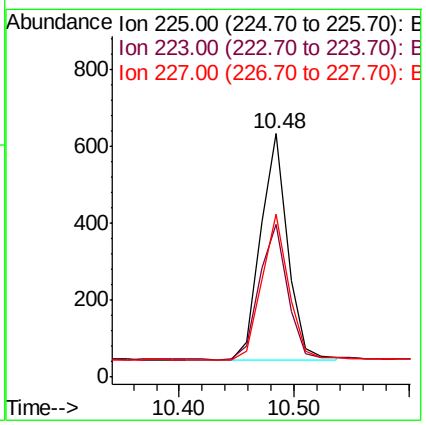


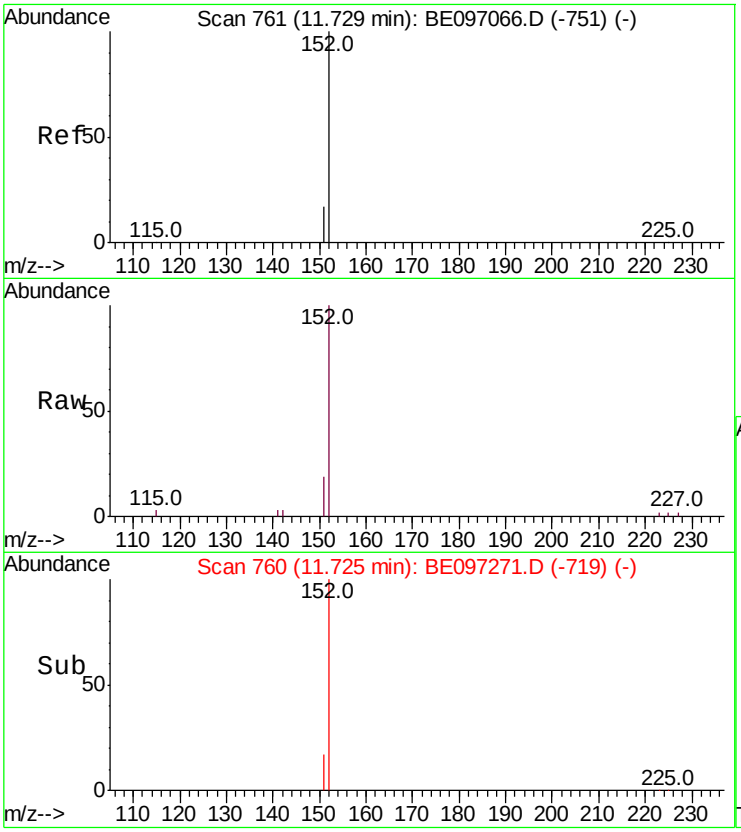


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:225 Resp: 977

Ion	Ratio	Lower	Upper
225	100		
223	62.4	53.0	79.6
227	63.7	51.4	77.2



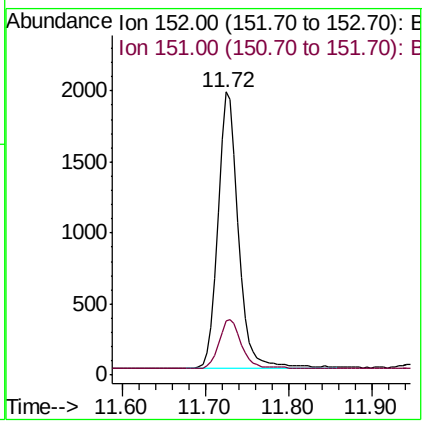


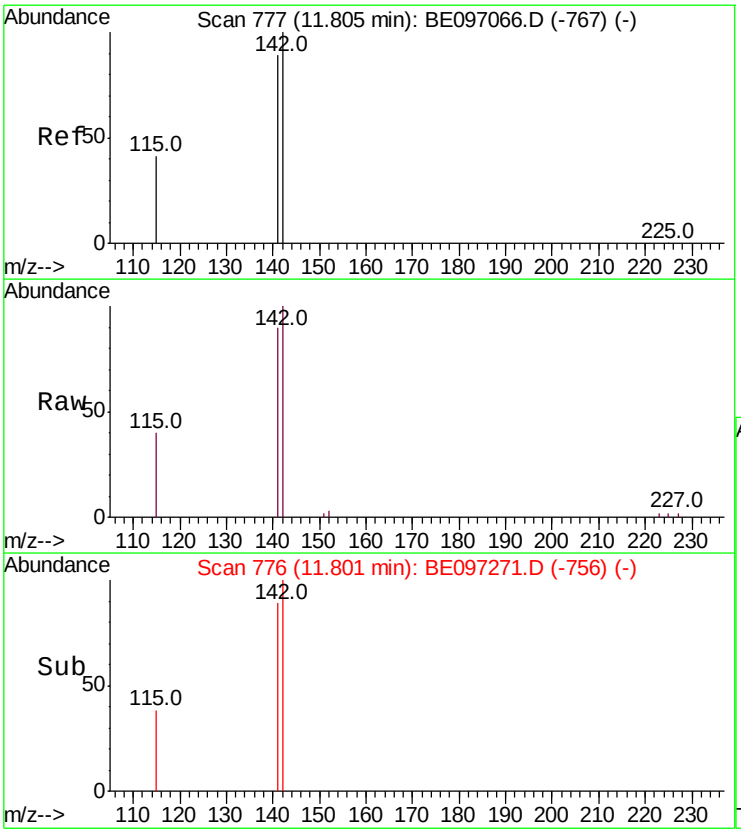
#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 11.72 min Scan# 760
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3401

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

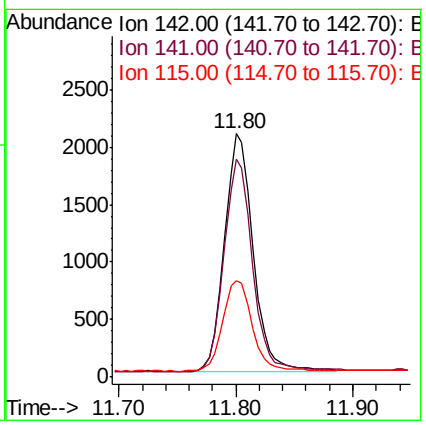


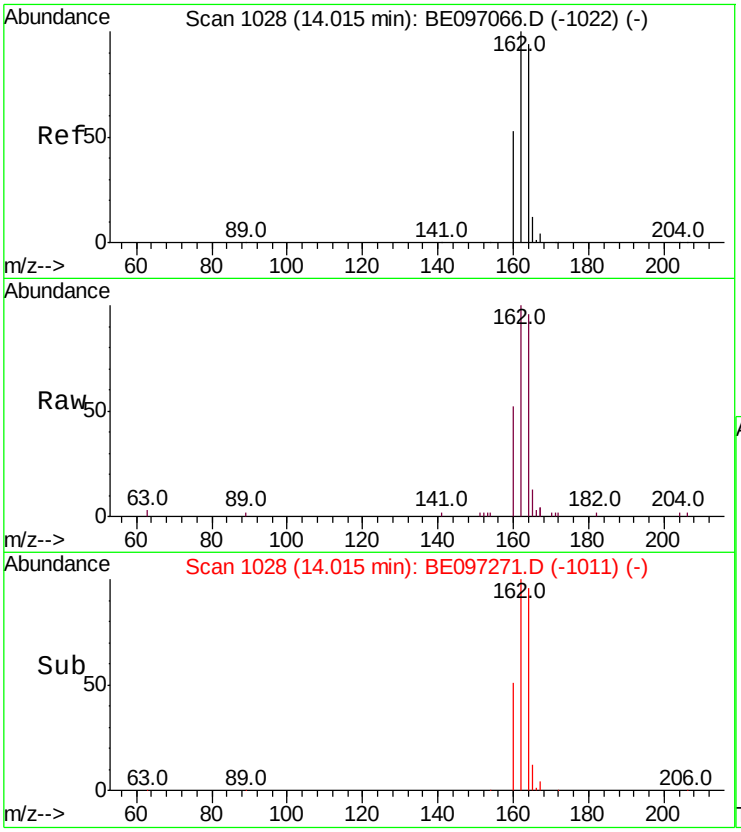


#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:142 Resp: 3524

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6
115	39.8	31.7	47.5



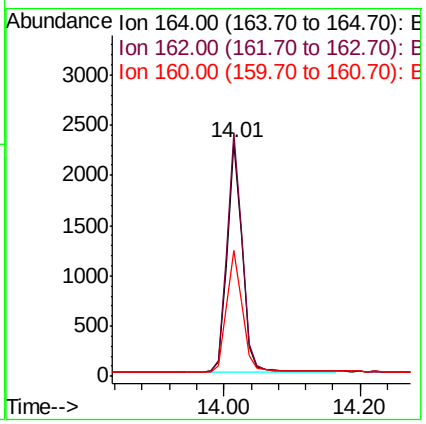


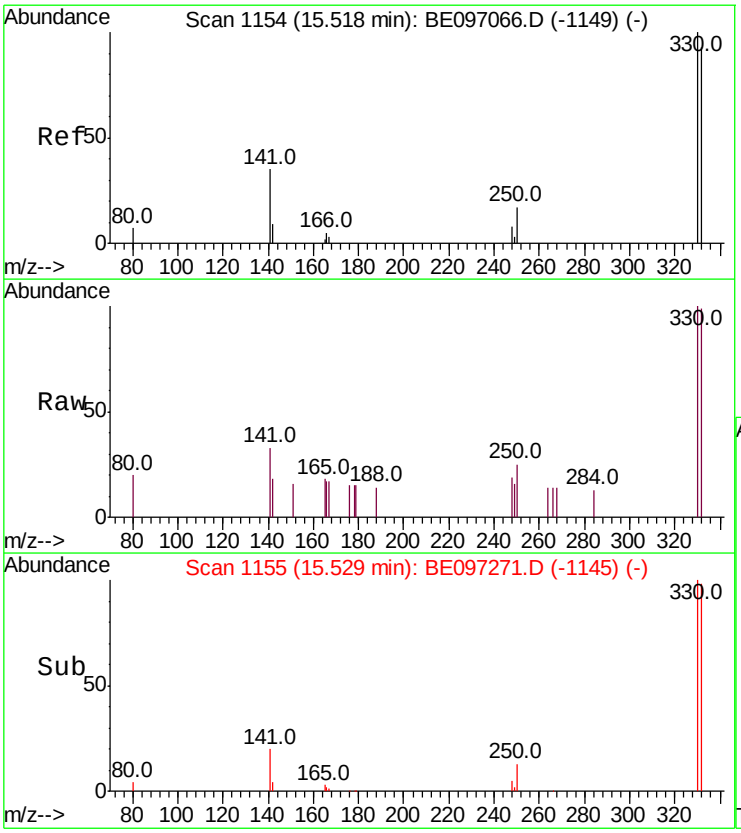
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3571

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.1	124.7
160	53.8	37.1	55.7

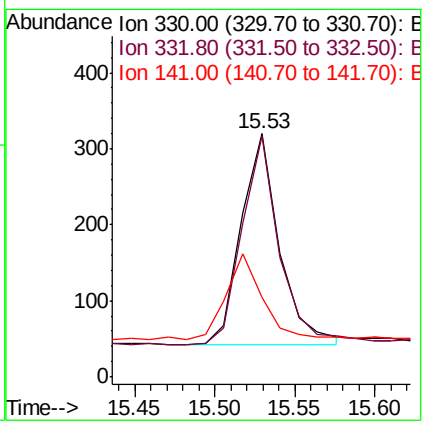


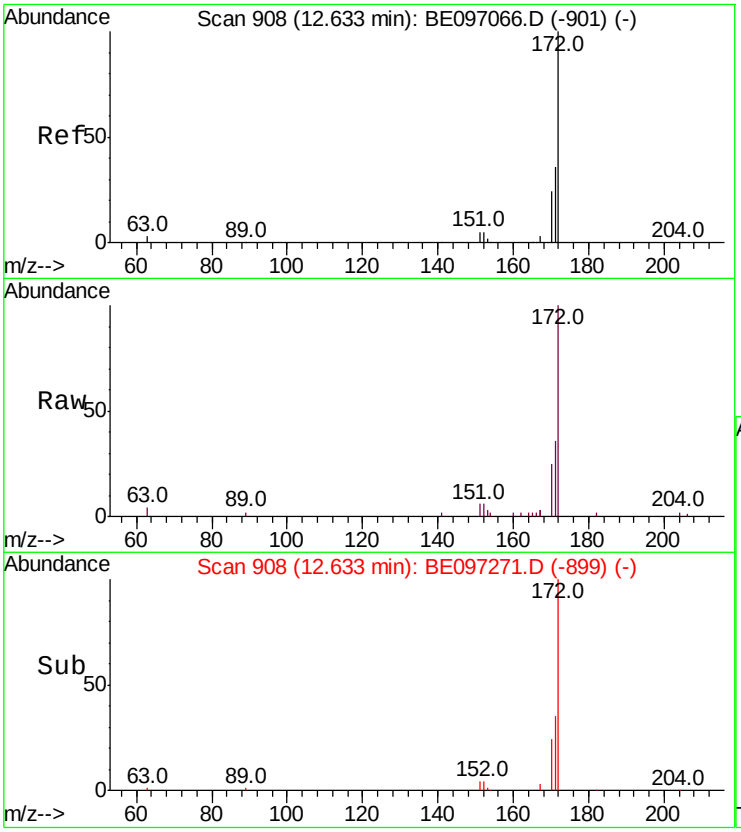


#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:330 Resp: 457

Ion	Ratio	Lower	Upper
330	100		
332	98.0	152.7	229.1#
141	38.9	33.7	50.5



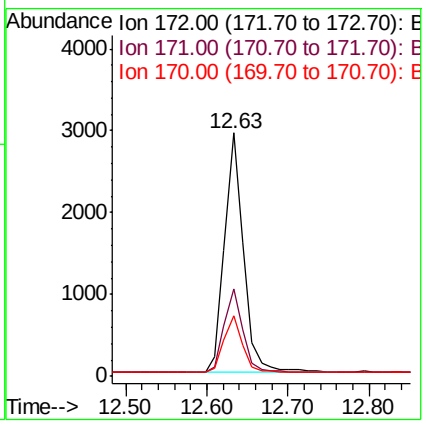


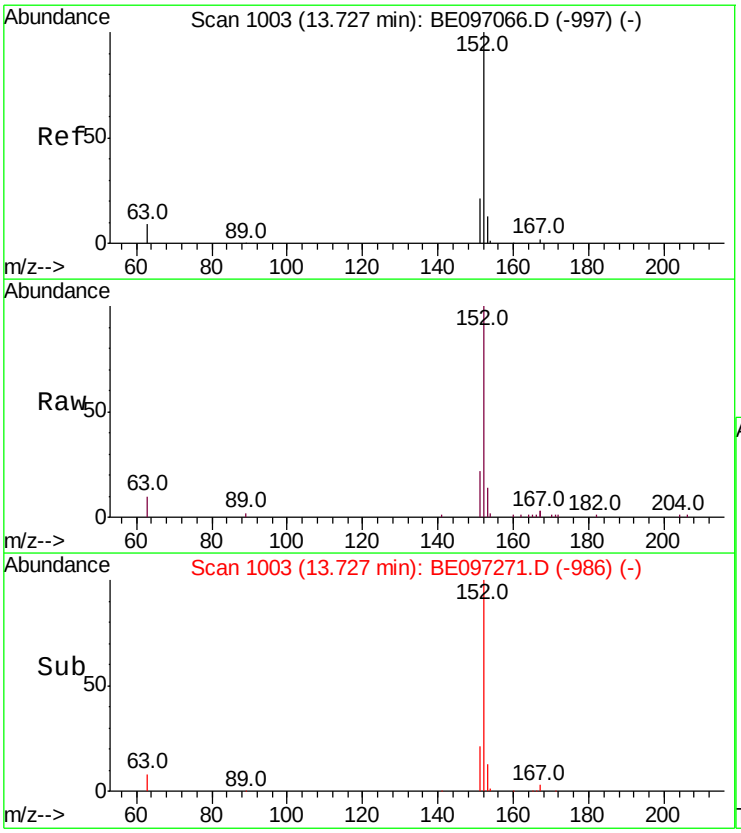
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4789

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.9	44.9
170	25.1	21.8	32.8

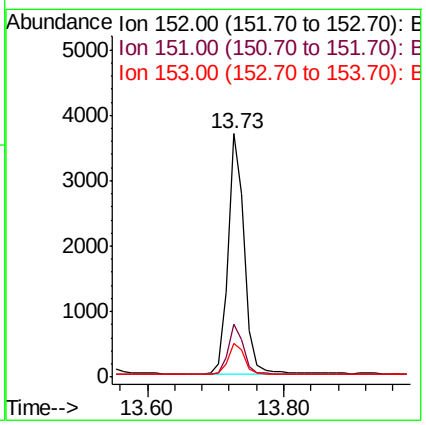


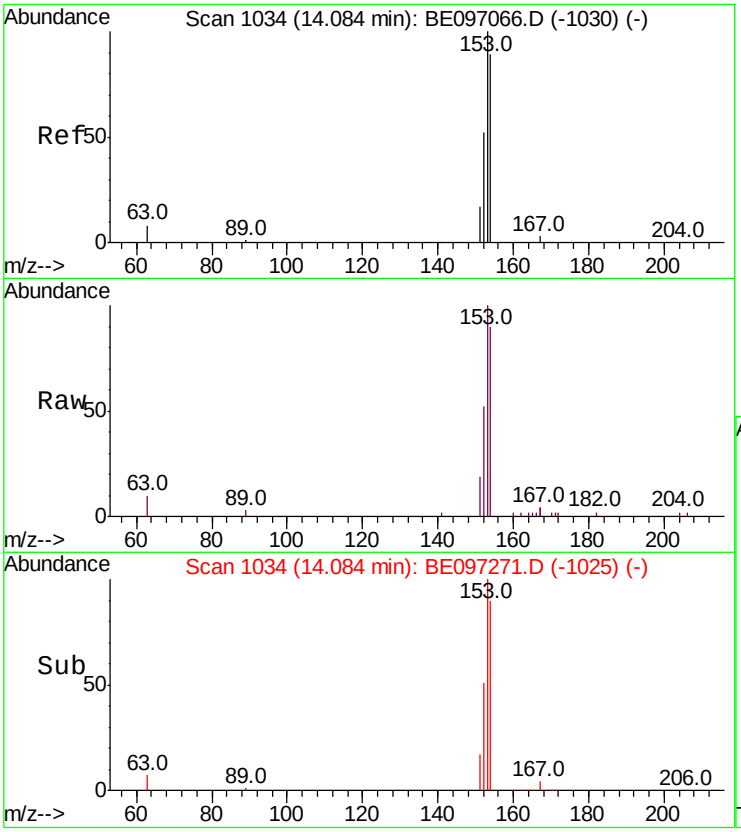


#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:152 Resp: 6106

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.5	15.7



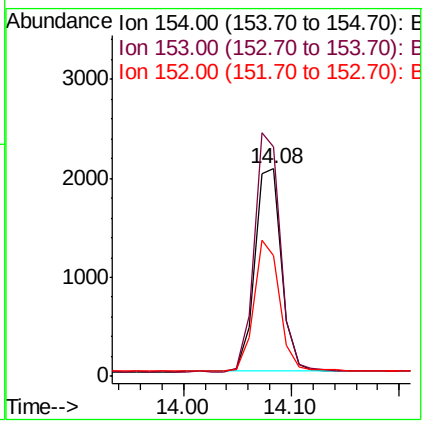


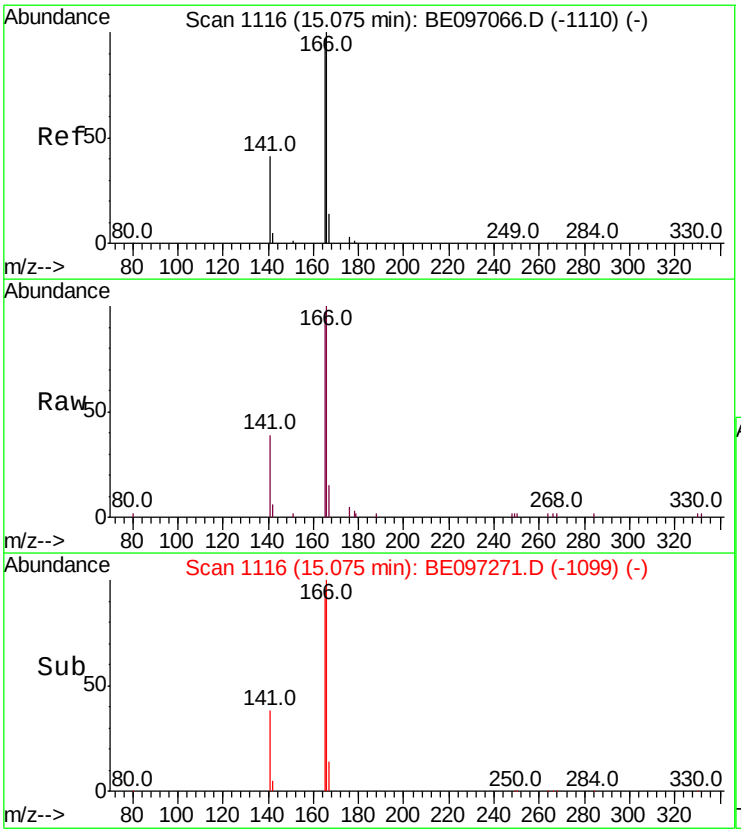
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3523

Ion	Ratio	Lower	Upper
154	100		
153	116.4	89.2	133.8
152	62.7	42.0	63.0

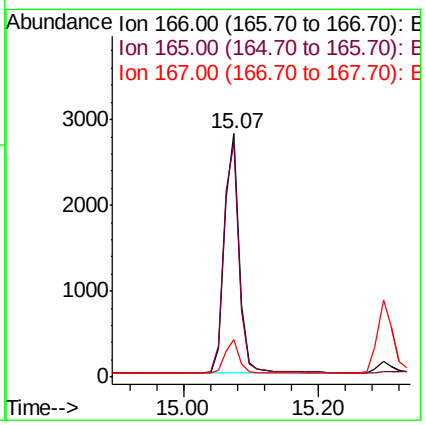


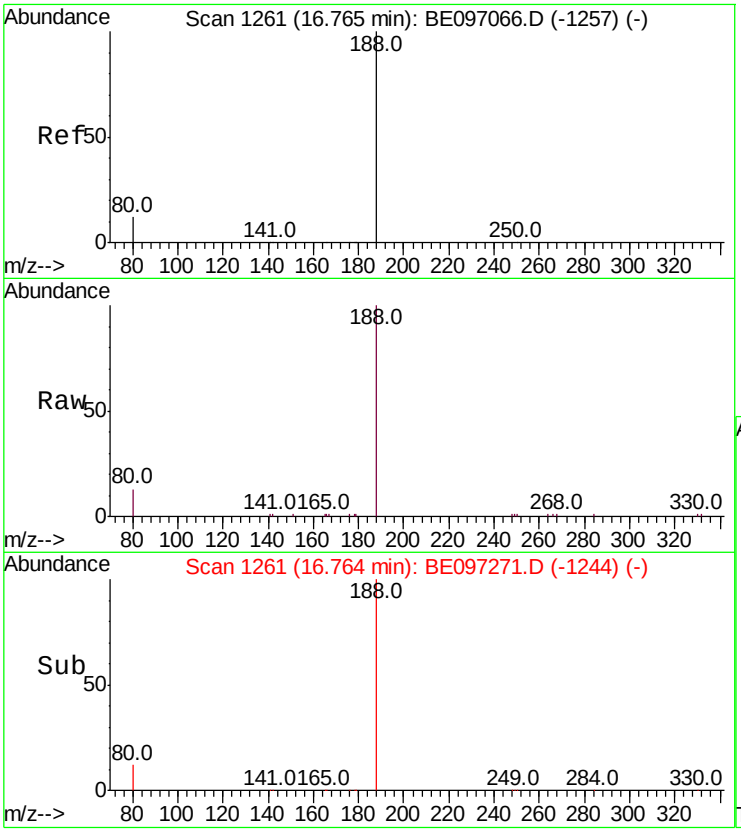


#18
Fluorene
Concen: 0.352 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:166 Resp: 4335

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.6
167	13.9	42.4	63.6#



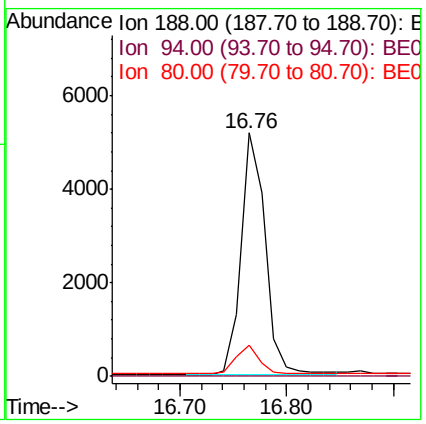


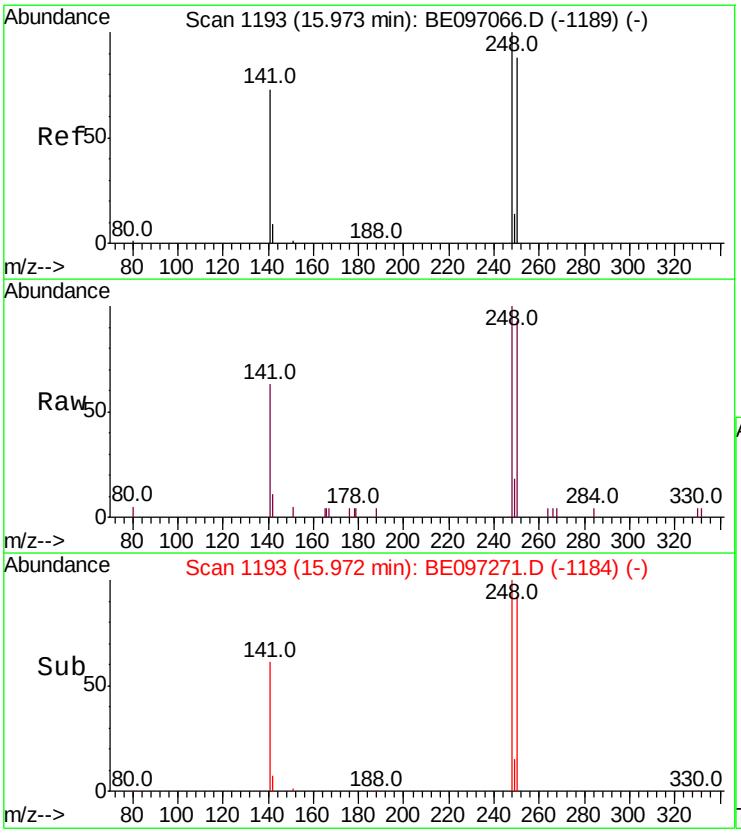
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8038

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.8	3.6	5.4#

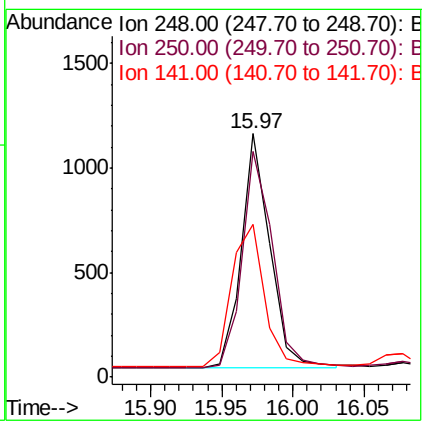


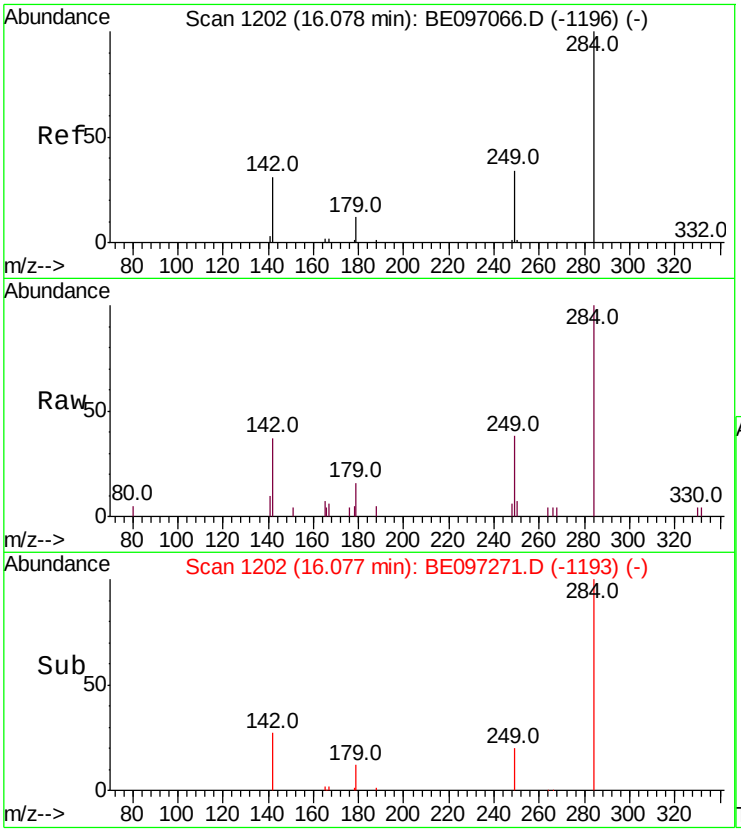


#20
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:248 Resp: 1562

Ion	Ratio	Lower	Upper
248	100		
250	92.7	62.7	94.1
141	62.7	48.2	72.2



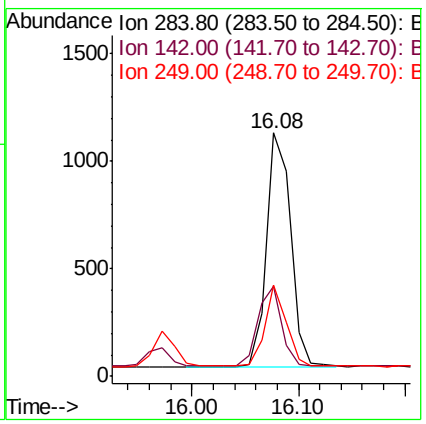


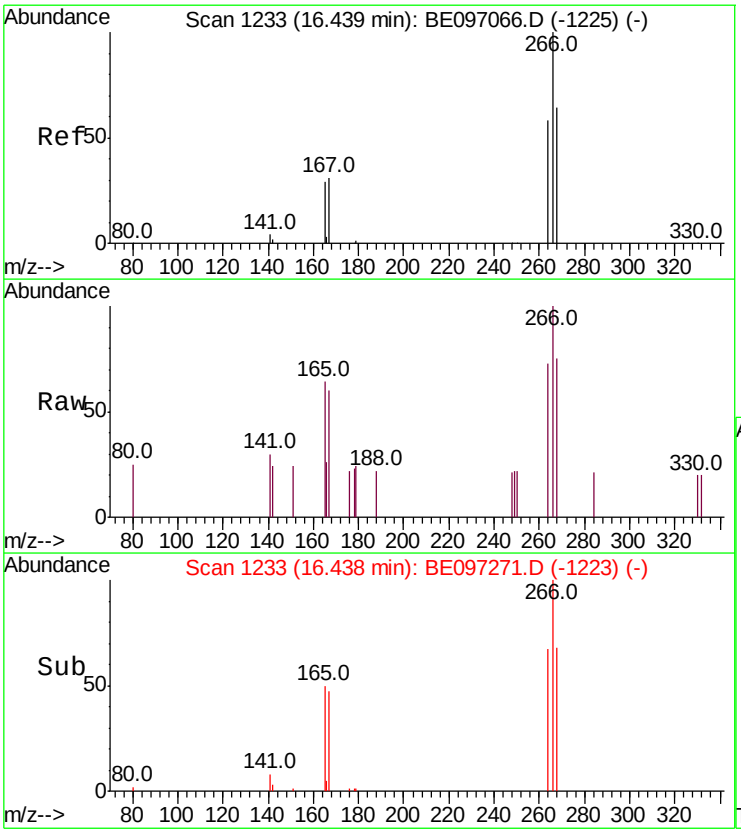
#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1723

Ion	Ratio	Lower	Upper
284	100		
142	33.8	22.1	33.1#
249	30.4	34.8	52.2#

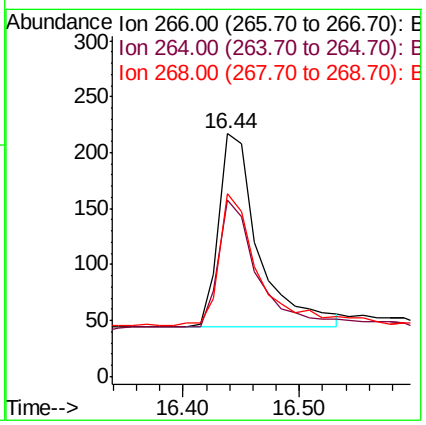


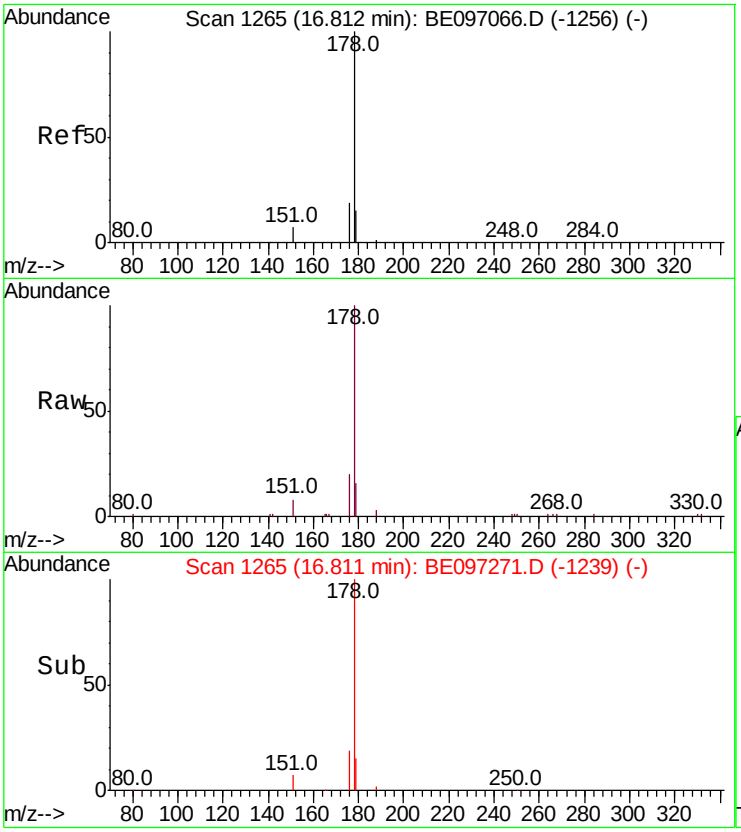


#22
Pentachlorophenol
Concen: 0.422 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:266 Resp: 415

Ion	Ratio	Lower	Upper
266	100		
264	72.8	72.5	108.7
268	75.1	73.8	110.6



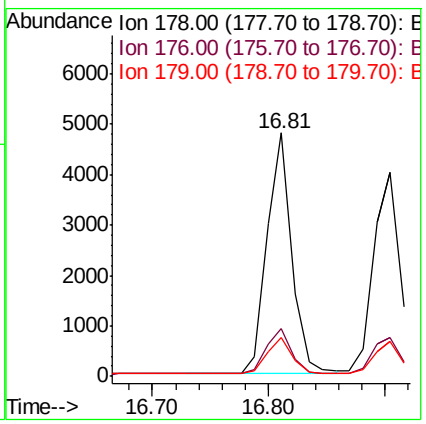


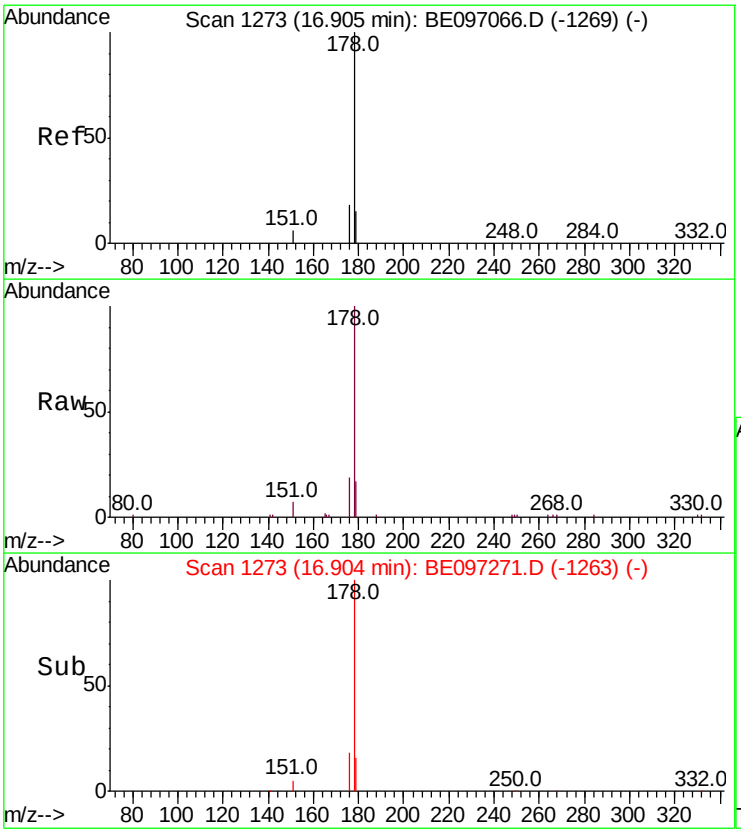
#23
Phenanthrene
Concen: 0.368 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 7053

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.6	11.8	17.6

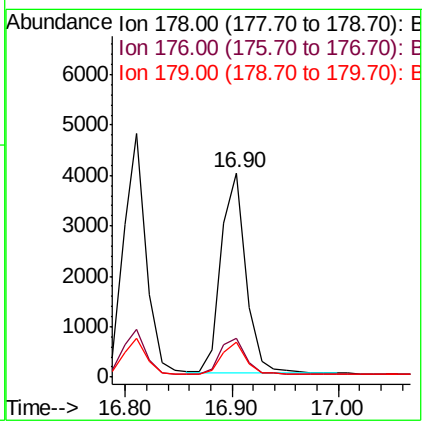


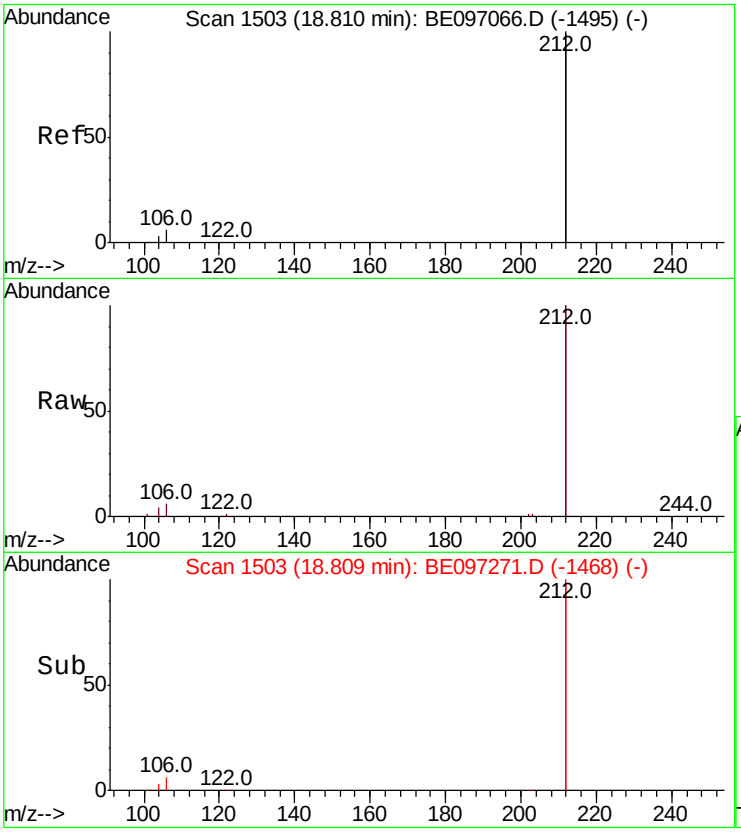


#24
Anthracene
Concen: 0.374 ng
RT: 16.90 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:178 Resp: 6404

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.5	13.0	19.6



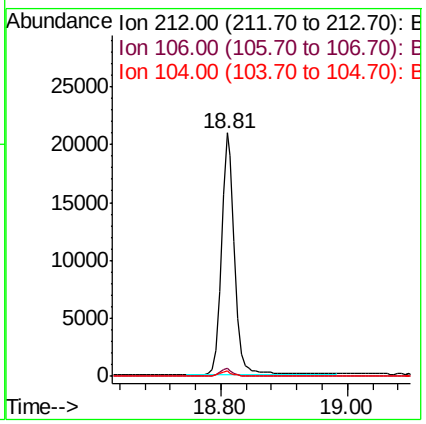


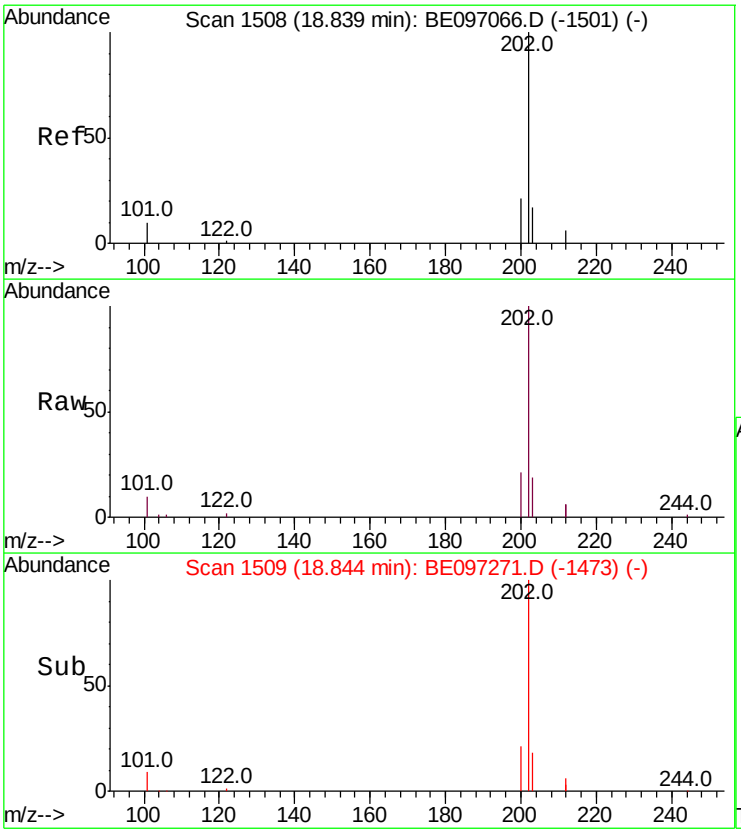
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 29754

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

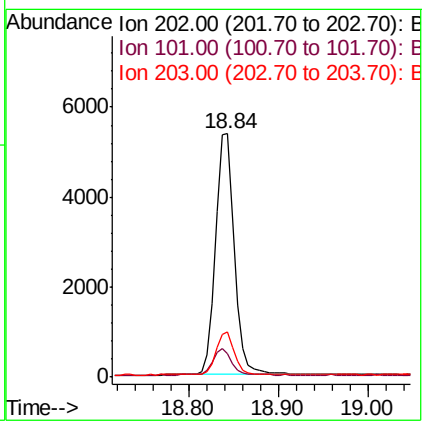


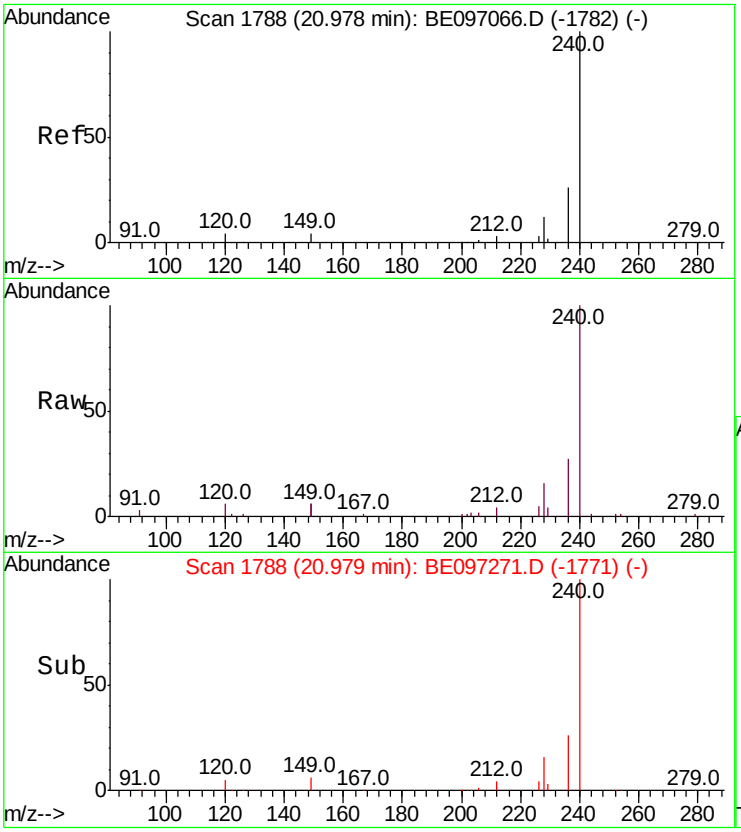


#26
Fluoranthene
Concen: 0.365 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:202 Resp: 7839

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.8	14.8
203	17.2	13.7	20.5



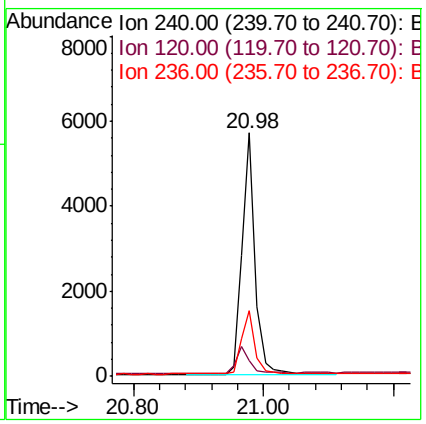


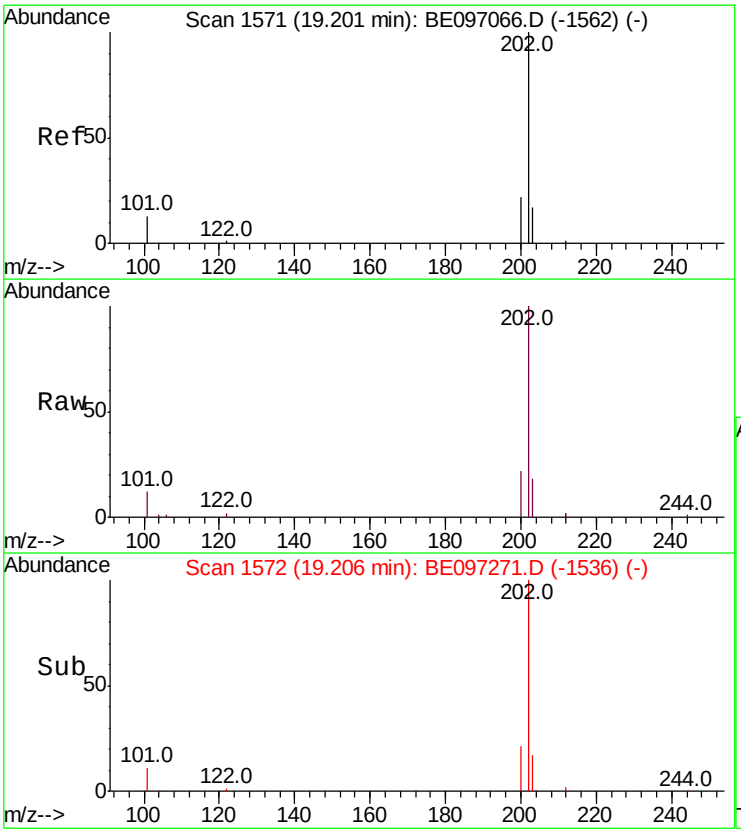
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 7847

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.5	8.3
236	26.9	20.7	31.1

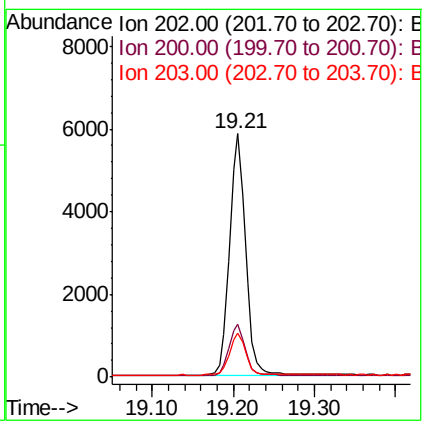


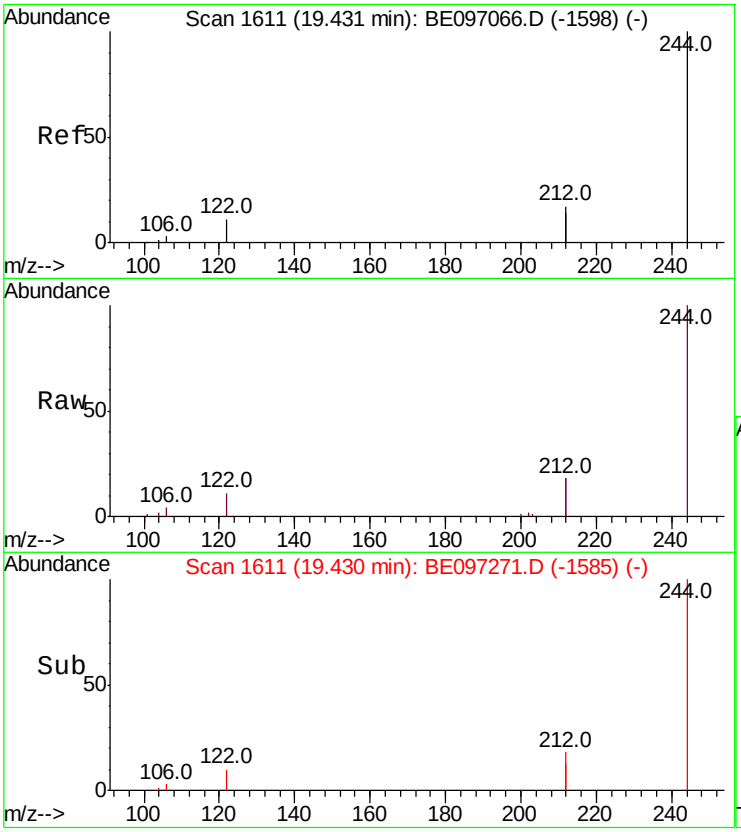


#28
Pyrene
Concen: 0.370 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:202 Resp: 7955

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.4	13.8	20.8



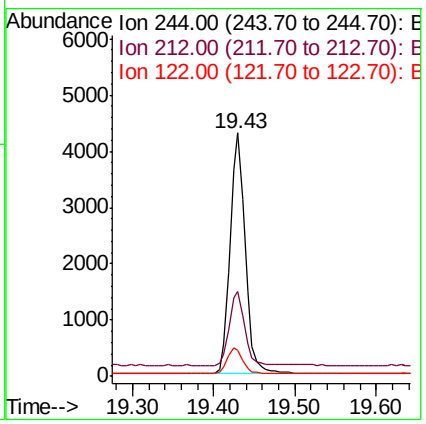


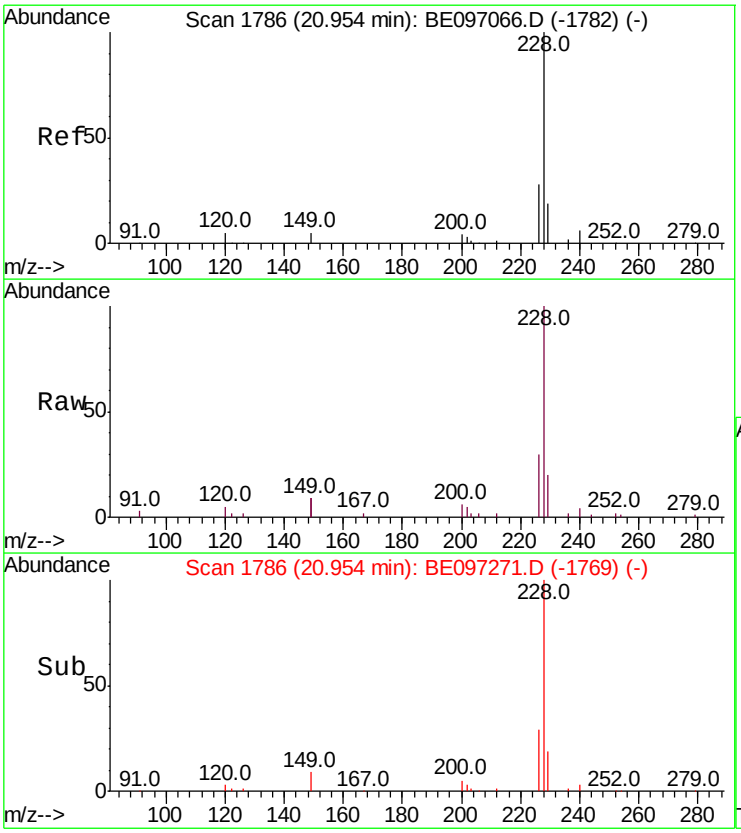
#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5549

Ion	Ratio	Lower	Upper
244	100		
212	35.0	25.4	38.0
122	10.6	8.1	12.1

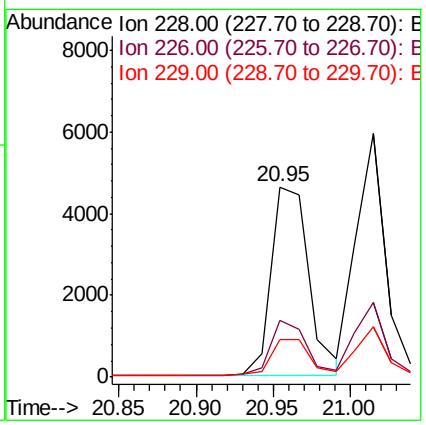


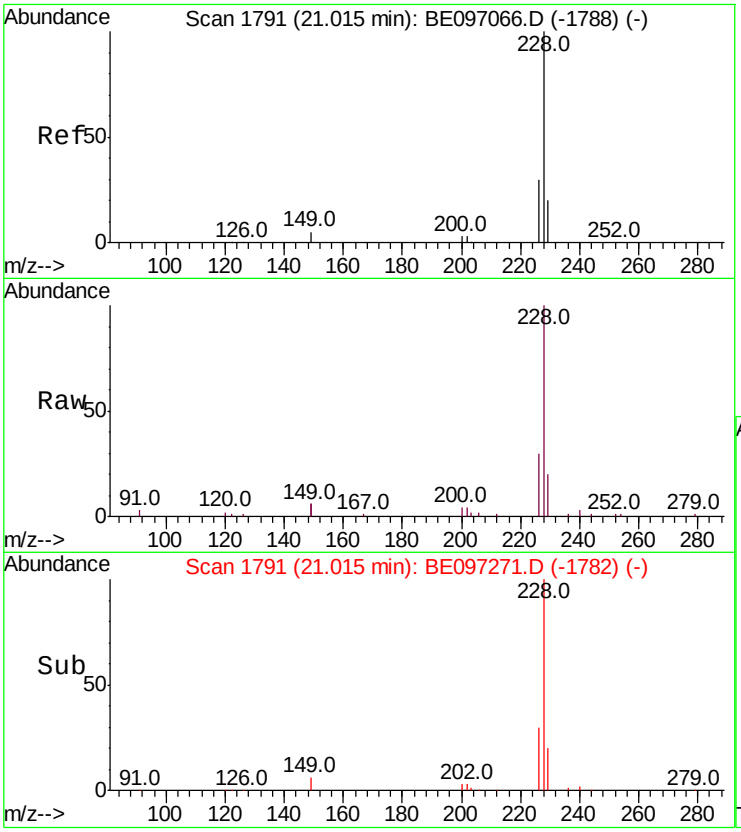


#30
Benzo(a)anthracene
Concen: 0.401 ng
RT: 20.95 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:228 Resp: 7838

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.1	16.0	24.0



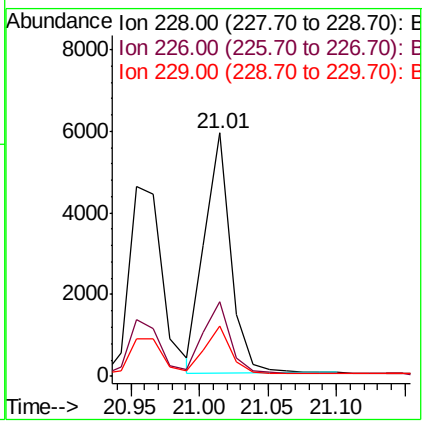


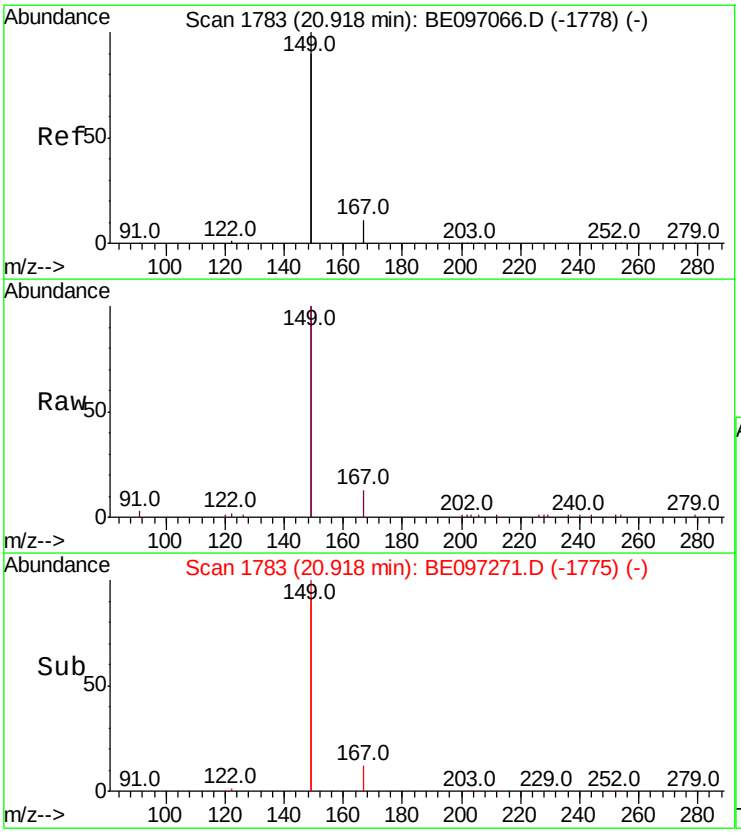
#31
Chrysene
Concen: 0.376 ng
RT: 21.01 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 7875

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	20.5	16.0	24.0

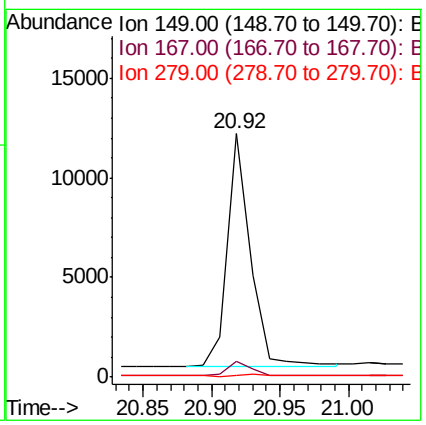


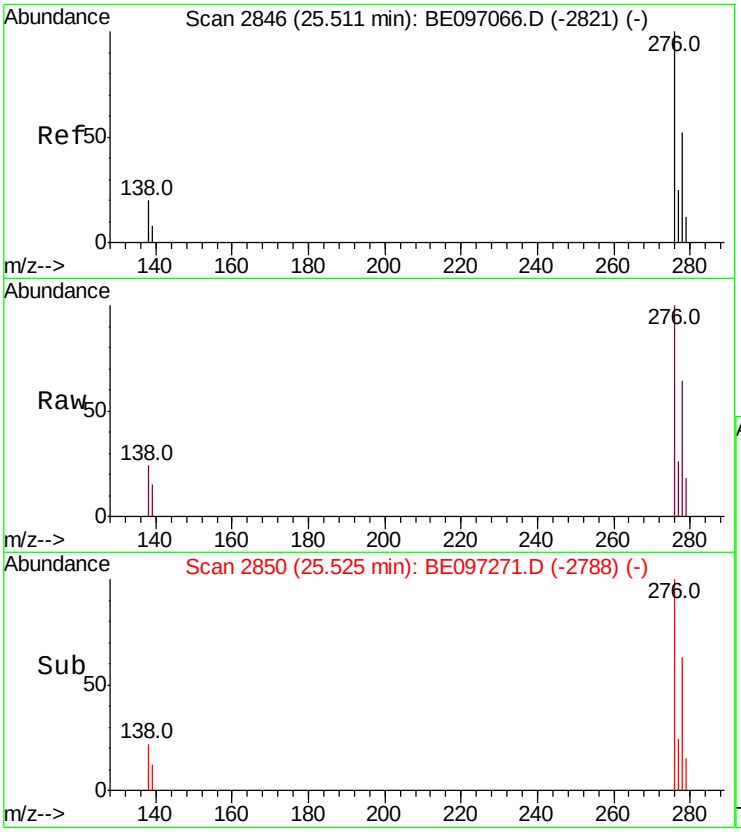


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.640 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:149 Resp: 13595

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



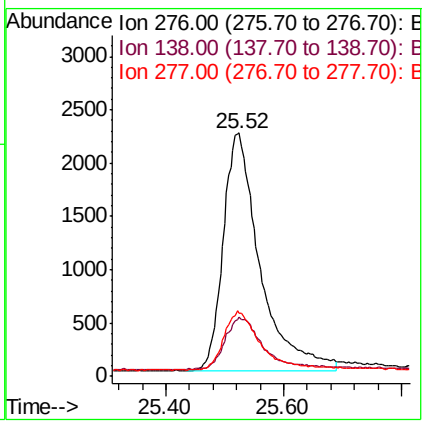


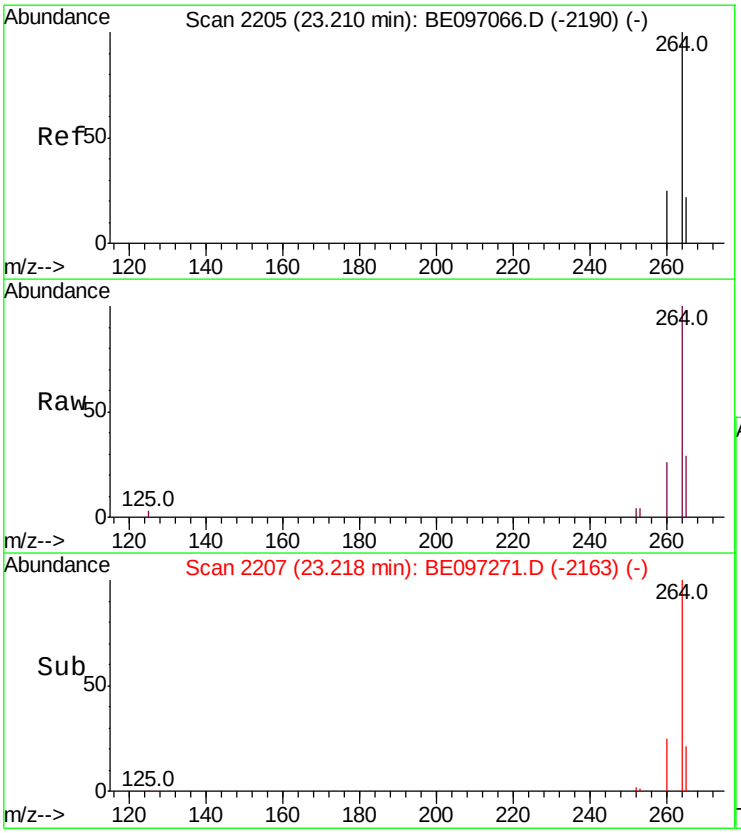
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.509 ng
RT: 25.52 min Scan# 2850
Delta R.T. 0.02 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9648

Ion	Ratio	Lower	Upper
276	100		
138	22.2	22.5	33.7#
277	24.8	19.9	29.9

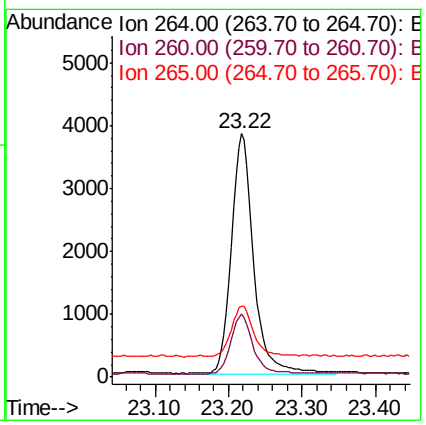


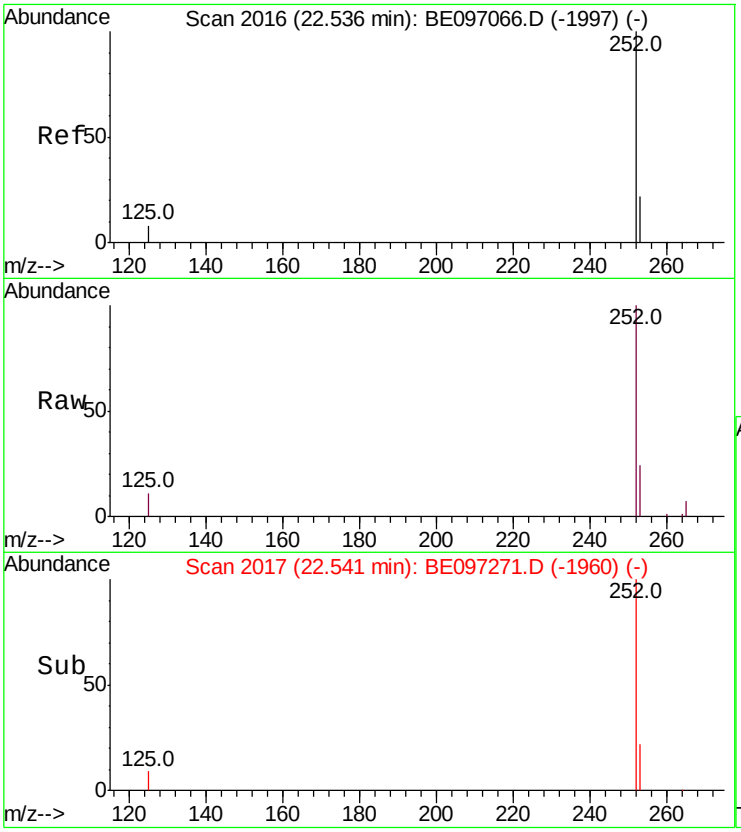


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:264 Resp: 8086

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	29.0	22.8	34.2



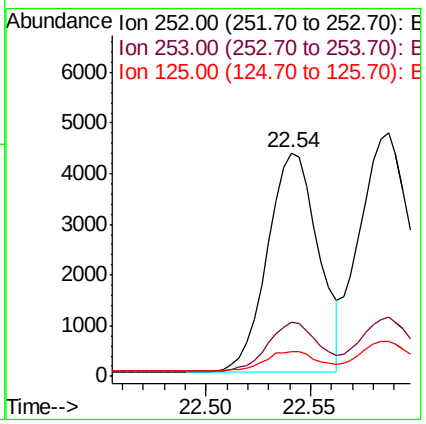


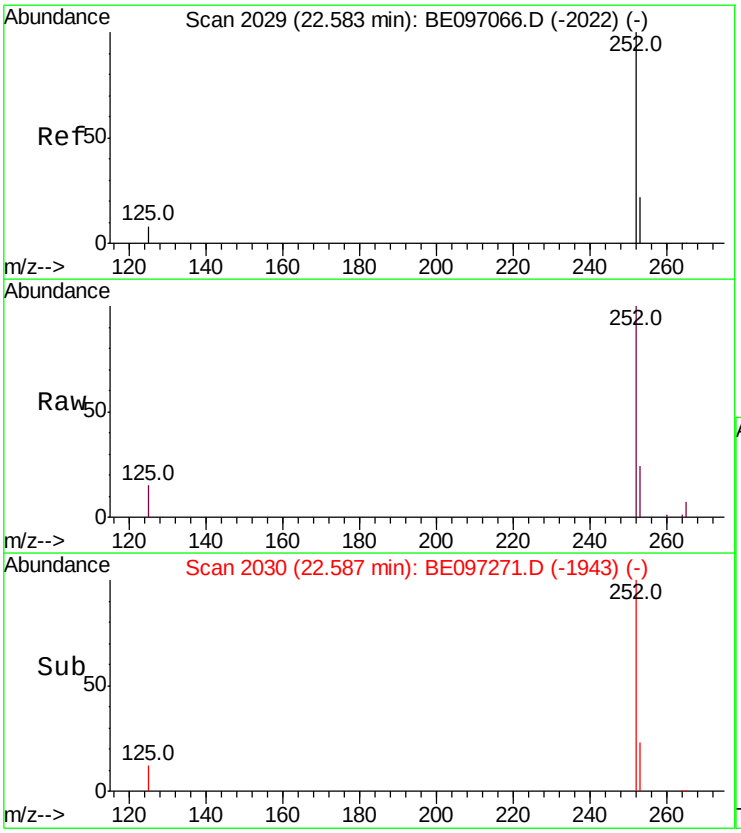
#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.54 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7301

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.0	30.0
125	11.0	16.0	24.0#

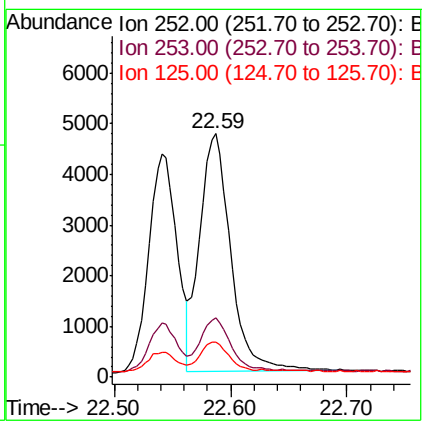


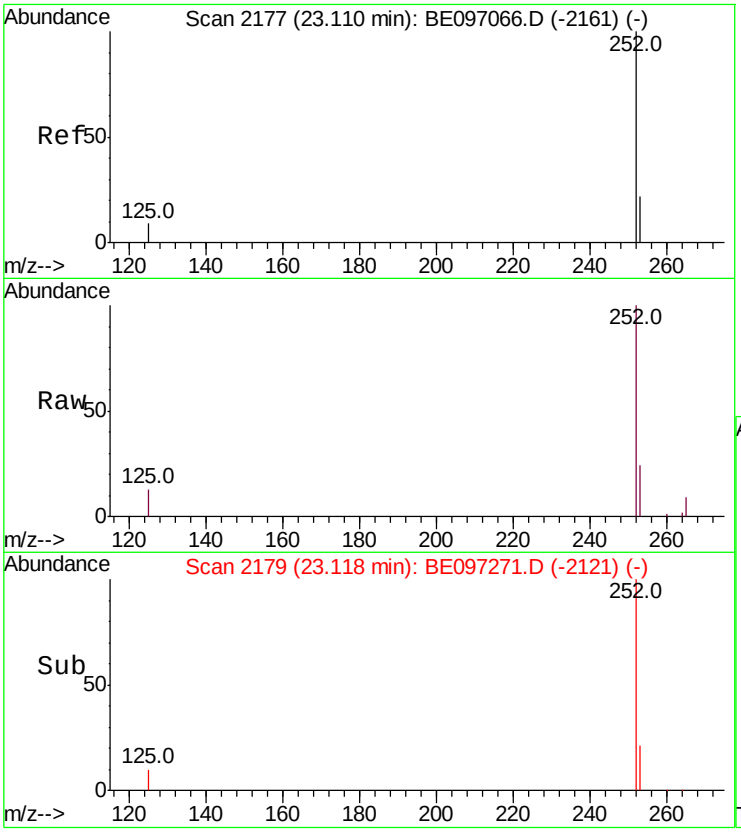


#36
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:252 Resp: 8674

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0#
125	14.5	8.0	12.0#



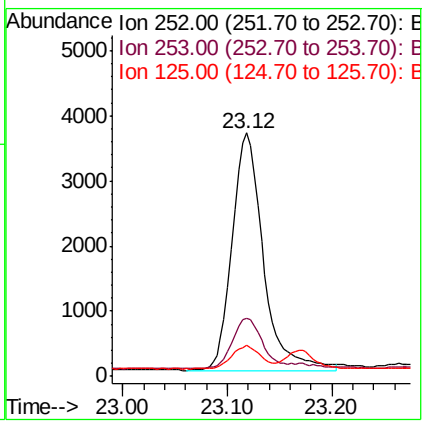


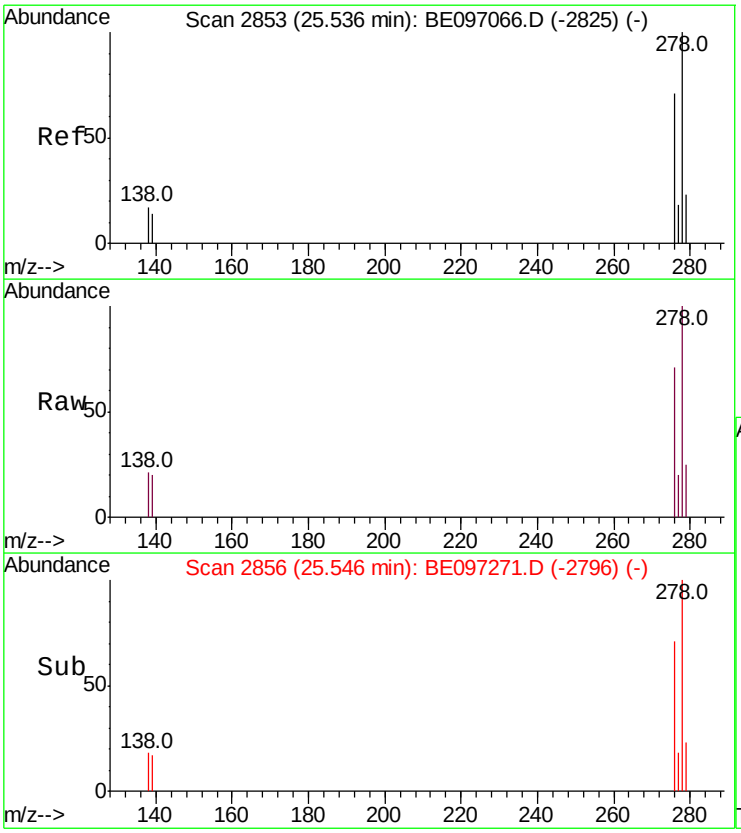
#37
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.12 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7498

Ion	Ratio	Lower	Upper
252	100		
253	23.9	16.0	24.0
125	12.6	12.0	18.0

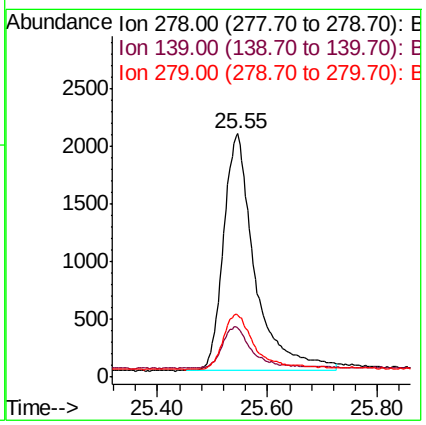


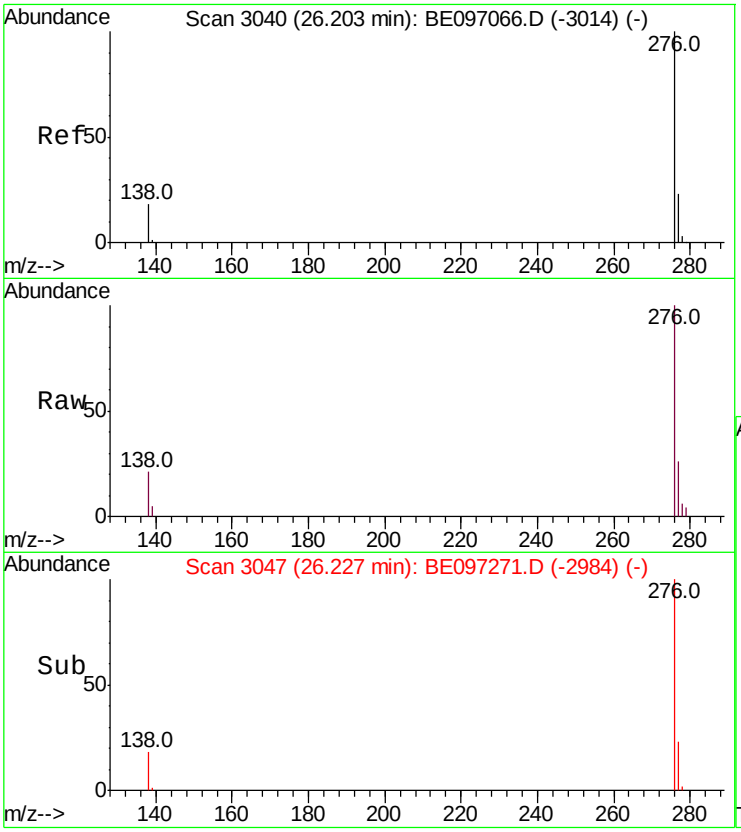


#38
Dibenzo(a,h)anthracene
Concen: 0.424 ng
RT: 25.55 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Tgt Ion:278 Resp: 8172

Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.0	24.0
279	25.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 26.23 min Scan# 3047
Delta R.T. 0.02 min
Lab File: BE097271.D
Acq: 10 Aug 2018 20:45

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 7847

Ion	Ratio	Lower	Upper
276	100		
277	25.8	16.0	24.0#
138	21.3	20.0	30.0