Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
Data File : BE097109.D
Acq On : 26 Jul 2018 19:06
Operator : SJ/JU
Sample : J3762-08
Misc : LOO 0.2PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 27 03:30:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1070	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5357	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3216	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	8740	0.40	ng		0.00
27) Chrysene-d12	20.98	240	6582	0.40	ng		0.00
34) Perylene-d12	23.22	264	4763	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	921	0.31	ng		0.00
5) Phenol-d6	6.60	99	1274	0.29	ng		0.00
8) Nitrobenzene-d5	8.53	82	1627	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	2861	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	241	0.23	ng		0.01
15) 2-Fluorobiphenyl	12.63	172	4235	0.38	ng		0.00
25) Fluoranthene-d10	18.81	212	29759	0.34	ng		0.00
29) Terphenyl-d14	19.43	244	4845	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	346	0.203	ng		93
3) n-Nitrosodimethylamine	3.38	42	338	0.178	ng	#	84
6) bis(2-Chloroethyl)ether	6.84	93	837	0.208	ng		76
9) Naphthalene	10.20	128	9272	0.193	ng		99
10) Hexachlorobutadiene	10.48	225	429	0.199	ng		98
12) 2-Methylnaphthalene	11.81	142	1492	0.181	ng		98
16) Acenaphthylene	13.73	152	2756	0.191	ng		99
17) Acenaphthene	14.08	154	1580	0.188	ng	#	86
18) Fluorene	15.08	166	1992	0.180	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	768	0.181	ng	#	78
21) Hexachlorobenzene	16.08	284	920	0.202	ng	#	84
22) Pentachlorophenol	16.45	266	120	0.144	ng		93
23) Phenanthrene	16.81	178	3937	0.189	ng		97
24) Anthracene	16.91	178	3030	0.163	ng	#	96
26) Fluoranthene	18.84	202	3987	0.171	ng		98
28) Pyrene	19.20	202	3605	0.200	ng		99
30) Benzo(a)anthracene	20.97	228	2648	0.162	ng		97
31) Chrysene	21.02	228	3437	0.196	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2474	0.141	ng		100
33) Indeno(1,2,3-cd)pyrene	25.53	276	1818	0.114	ng	#	62
35) Benzo(b)fluoranthene	22.54	252	2194	0.182	ng	#	93
36) Benzo(k)fluoranthene	22.59	252	2673	0.189	ng	#	86
37) Benzo(a)pyrene	23.12	252	1776	0.156	ng	#	88
38) Dibenzo(a,h)anthracene	25.56	278	1320	0.116	ng	#	71
39) Benzo(g,h,i)perylene	26.22	276	1859	0.154	ng	#	84

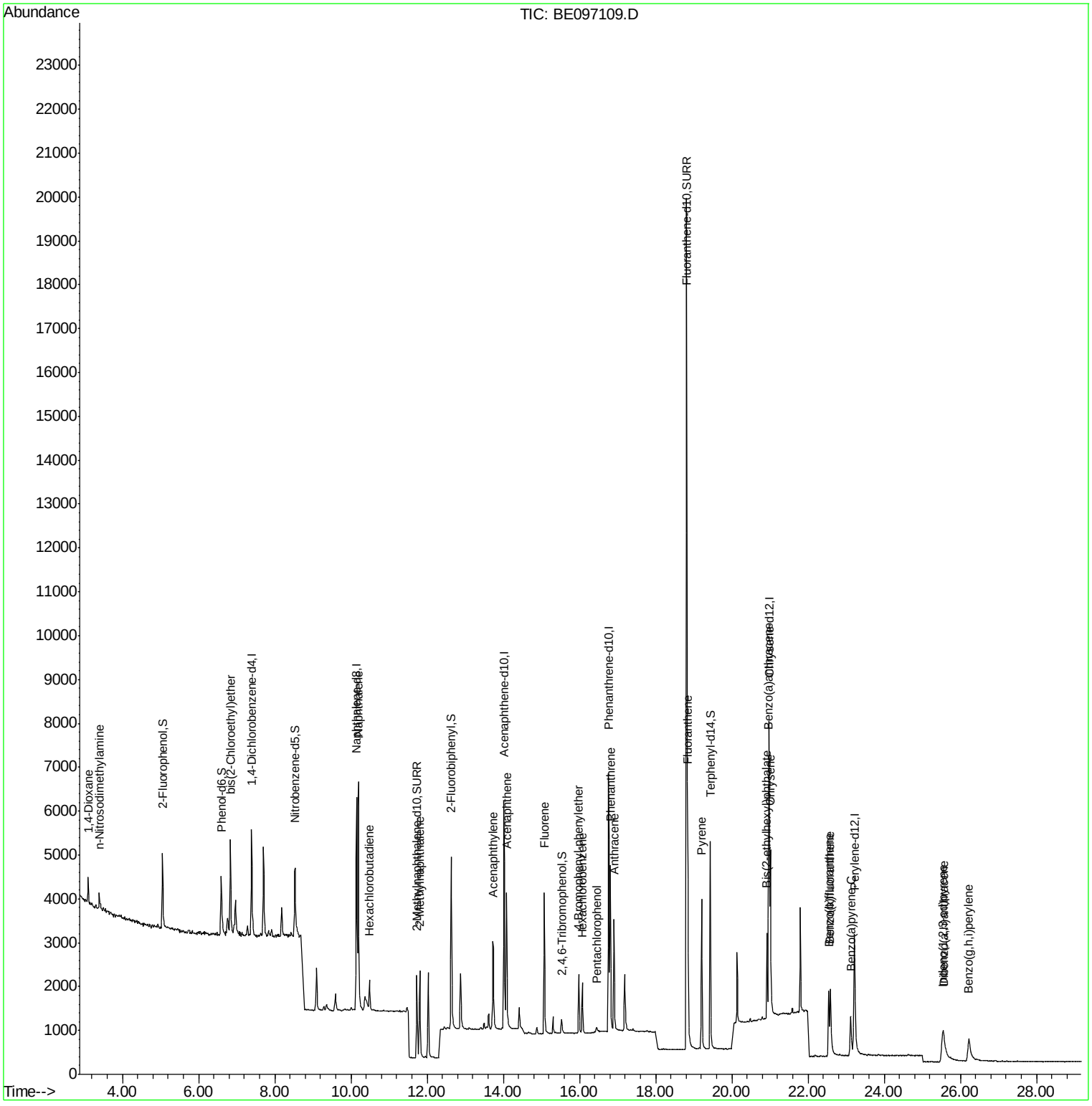
(#) = qualifier out of range (m) = manual integration (+) = signals summed

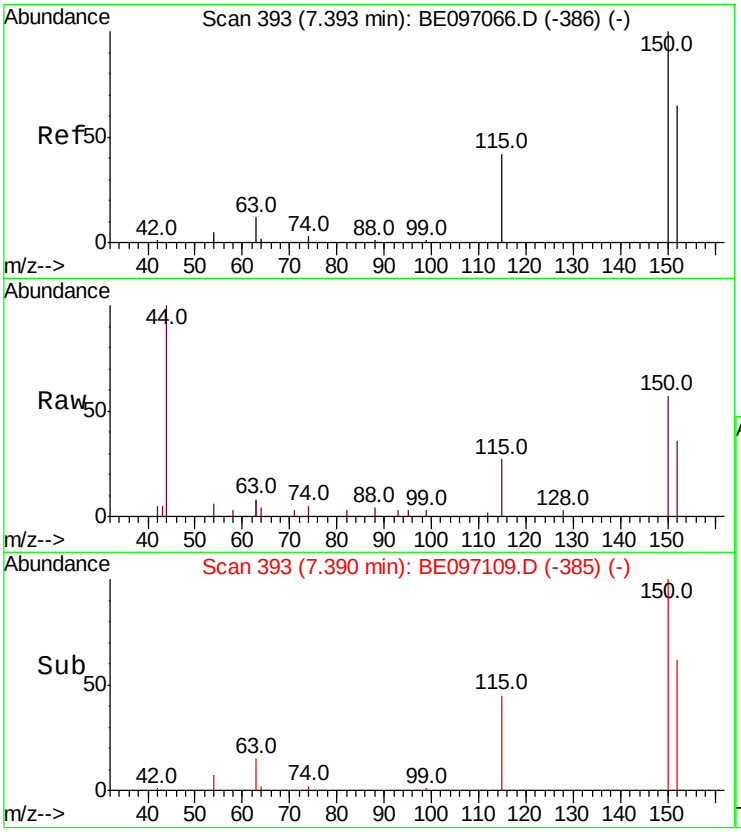
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072618\
Data File : BE097109.D
Acq On : 26 Jul 2018 19:06
Operator : SJ/JU
Sample : J3762-08
Misc : LOO 0.2PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 27 03:30:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration



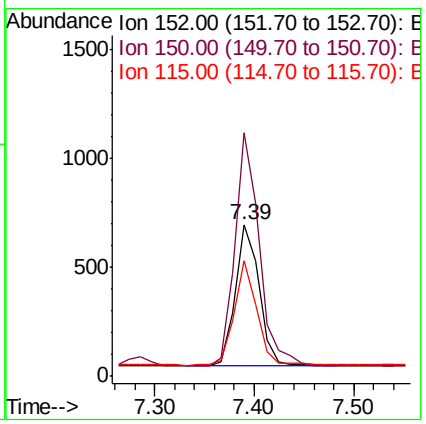


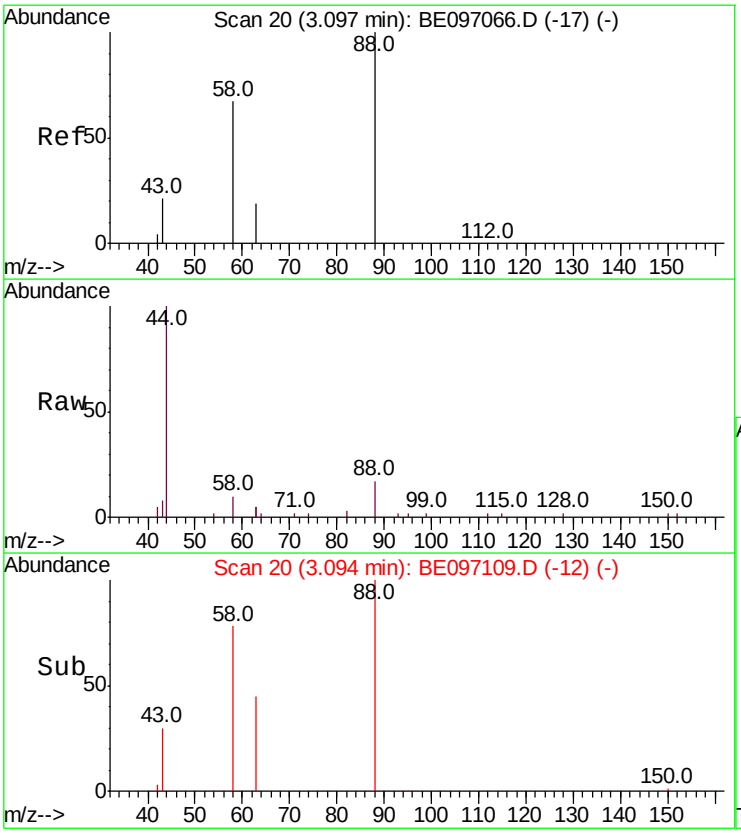
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1070

Ion	Ratio	Lower	Upper
152	100		
150	160.6	117.2	175.8
115	76.4	57.0	85.6

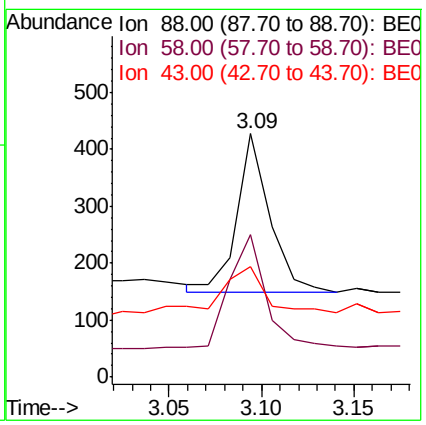


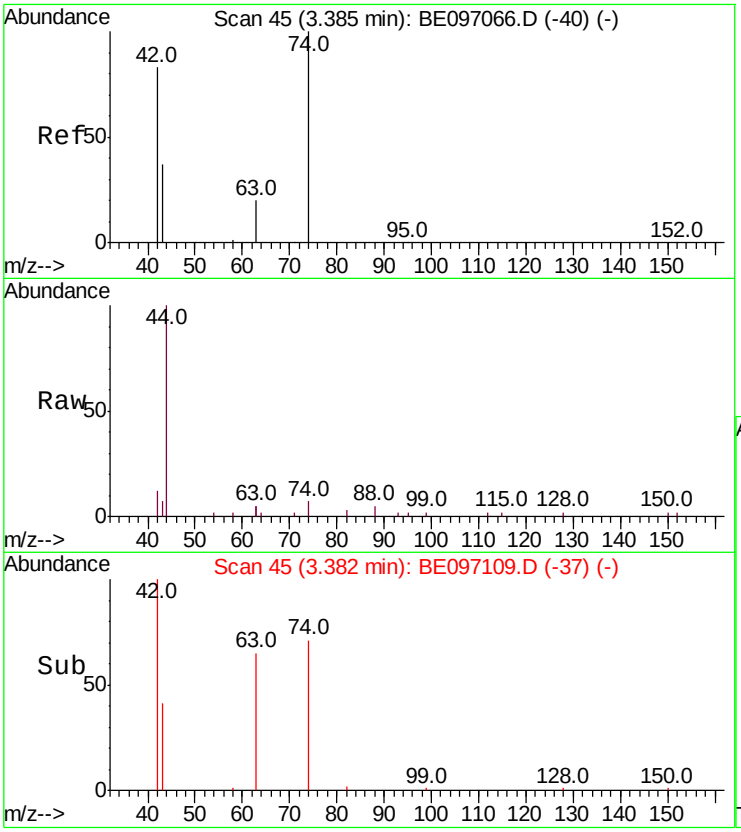


#2
1,4-Dioxane
Concen: 0.203 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion: 88 Resp: 346

Ion	Ratio	Lower	Upper
88	100		
58	82.4	63.2	94.8
43	43.4	41.2	61.8



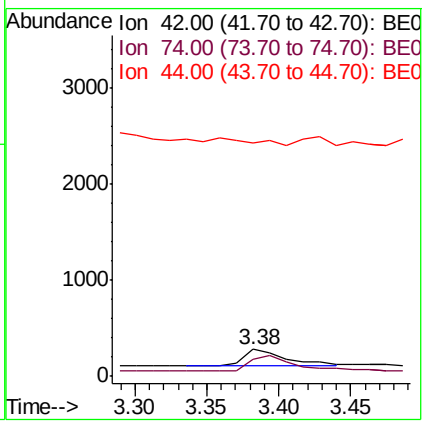


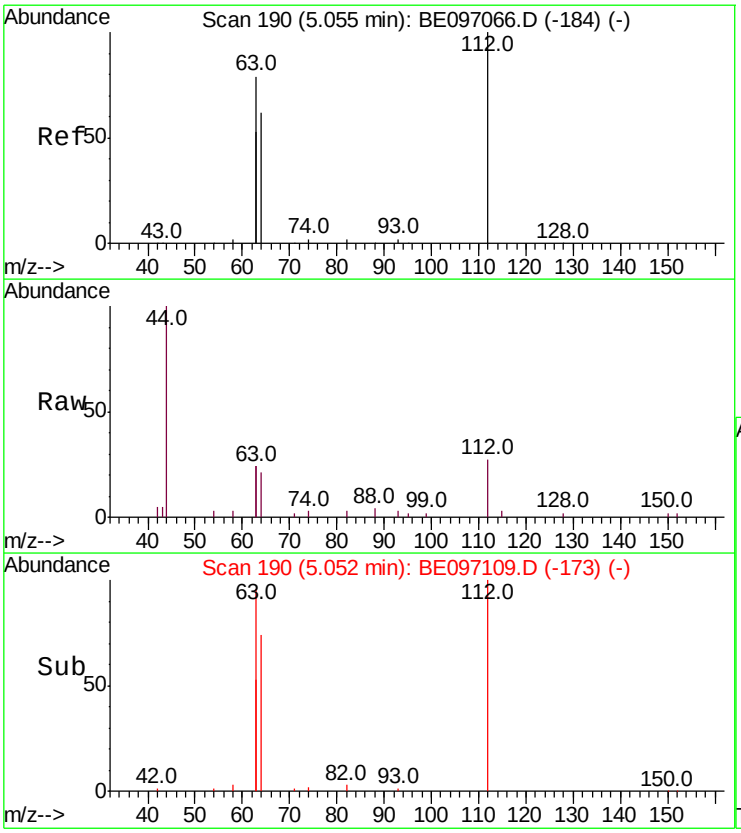
#3
n-Nitrosodimethylamine
Concen: 0.178 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 338

Ion	Ratio	Lower	Upper
42	100		
74	105.6	96.0	144.0
44	0.0	12.0	18.0#

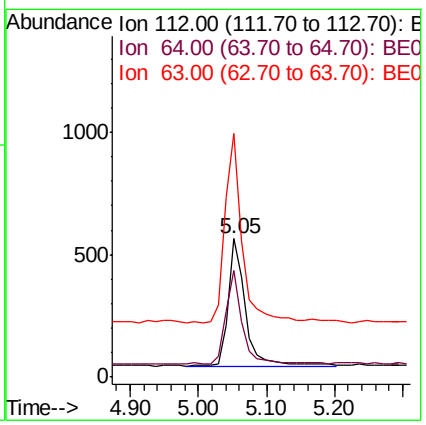


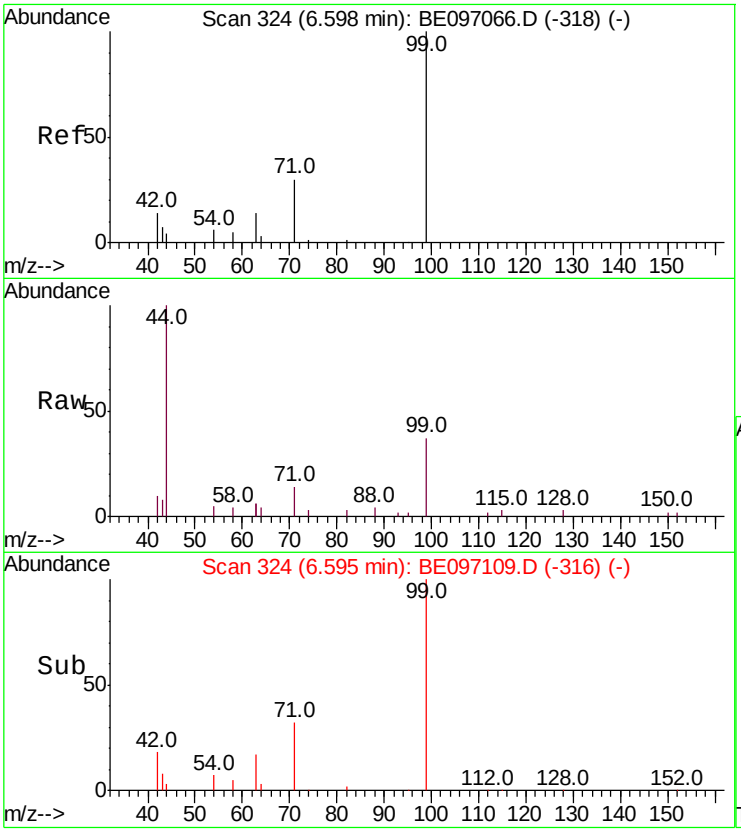


#4
2-Fluorophenol
Concen: 0.306 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:112 Resp: 921

Ion	Ratio	Lower	Upper
112	100		
64	71.8	60.1	90.1
63	147.7	116.8	175.2



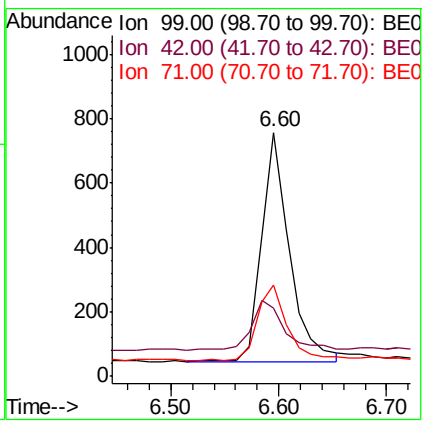


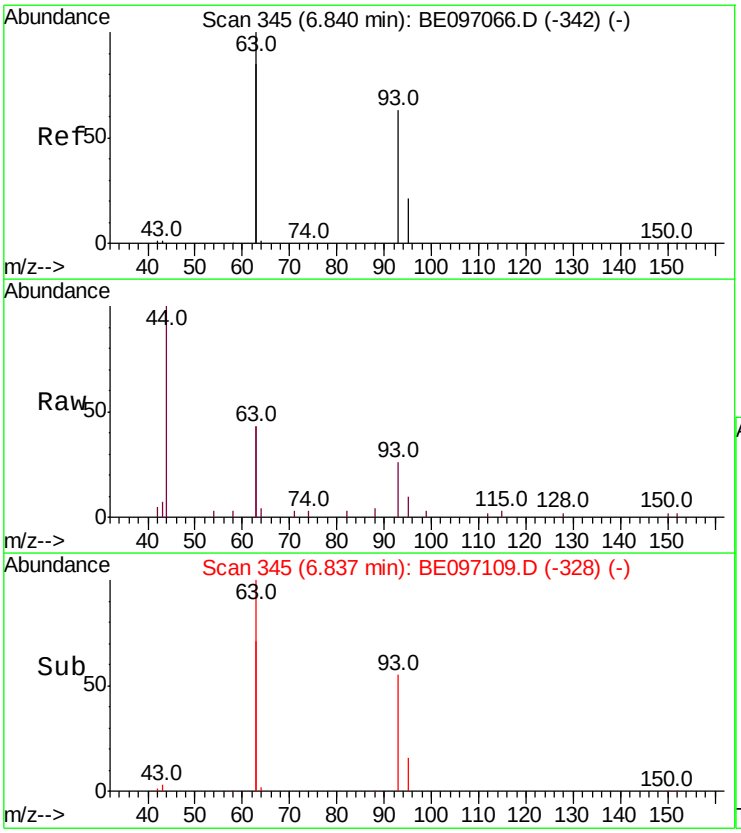
#5
Phenol-d6
Concen: 0.289 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1274

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.2	30.2
71	35.2	28.4	42.6

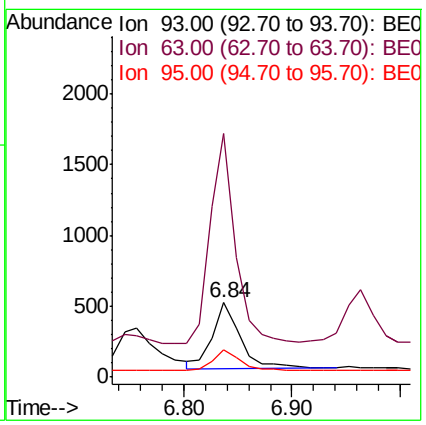


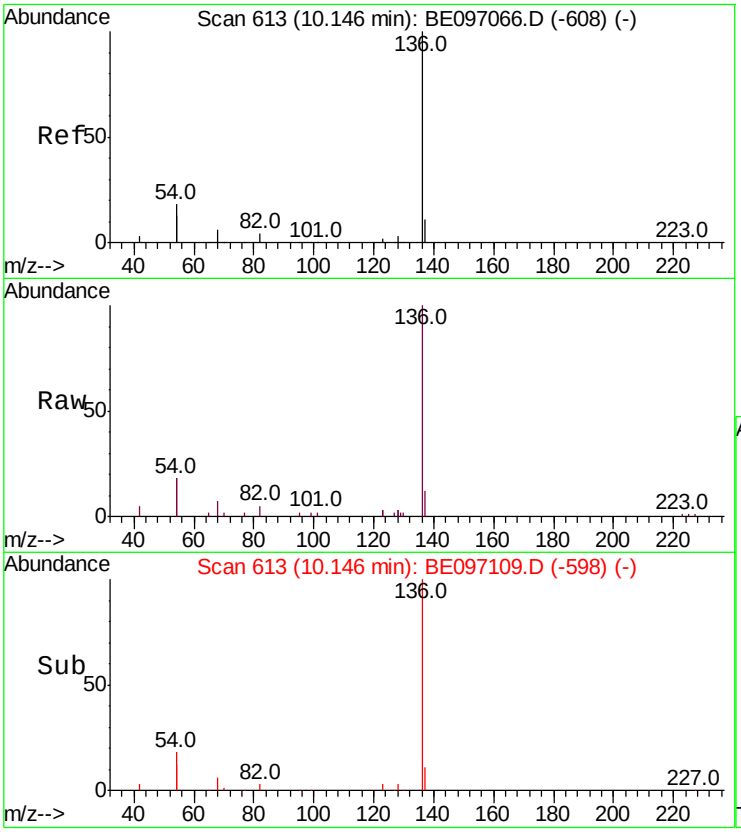


#6
bis(2-Chloroethyl)ether
Concen: 0.208 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion: 93 Resp: 837

Ion	Ratio	Lower	Upper
93	100		
63	289.1	275.3	412.9
95	29.2	25.2	37.8



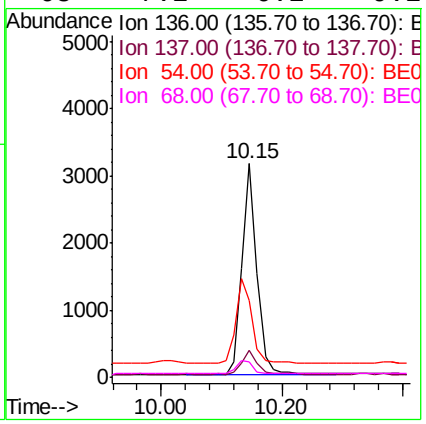


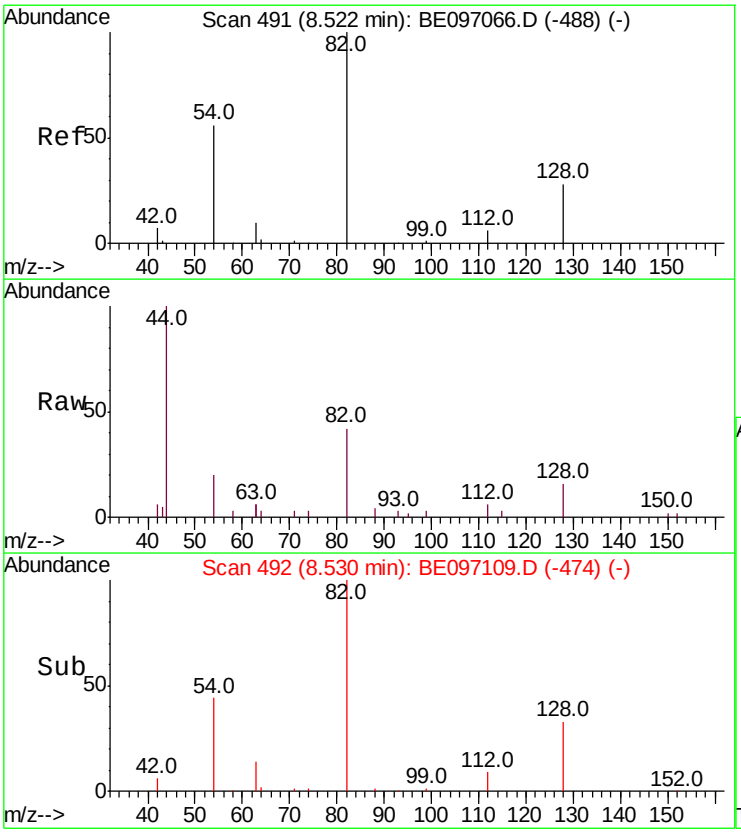
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 5357

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	36.2	29.1	43.7
68	7.2	6.2	9.2

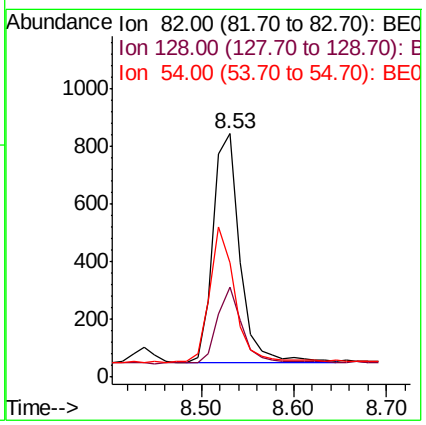


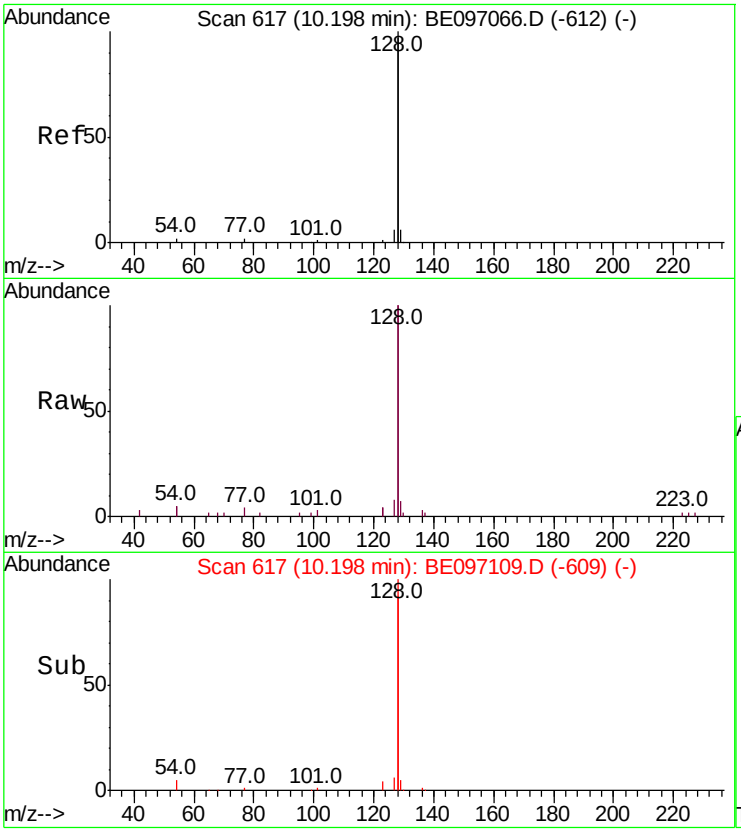


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion: 82 Resp: 1627

Ion	Ratio	Lower	Upper
82	100		
128	37.0	24.0	36.0#
54	47.2	40.0	60.0



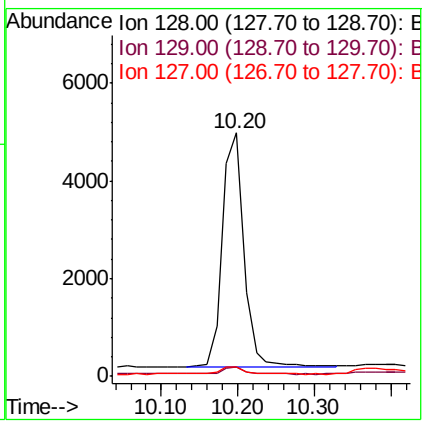


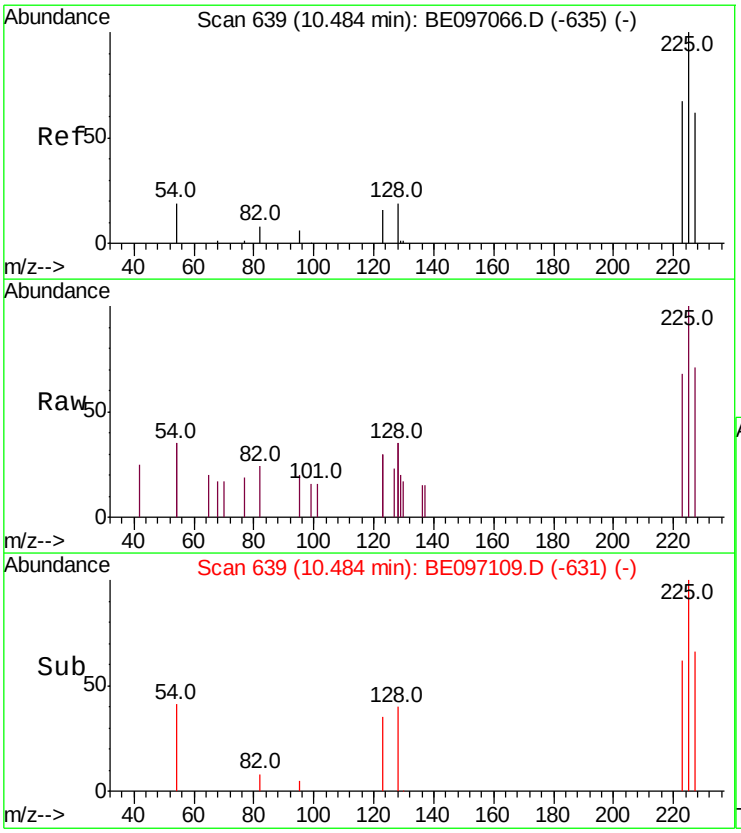
#9
Naphthalene
Concen: 0.193 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 9272

Ion	Ratio	Lower	Upper
128	100		
129	3.7	2.6	3.8
127	3.9	2.8	4.2

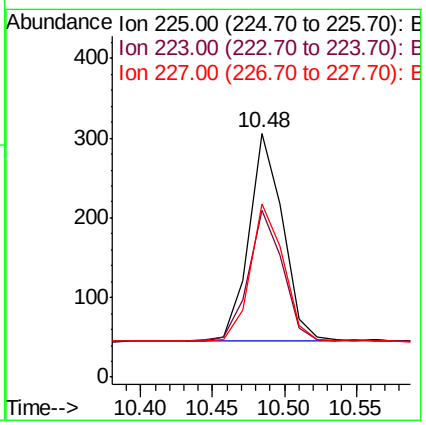


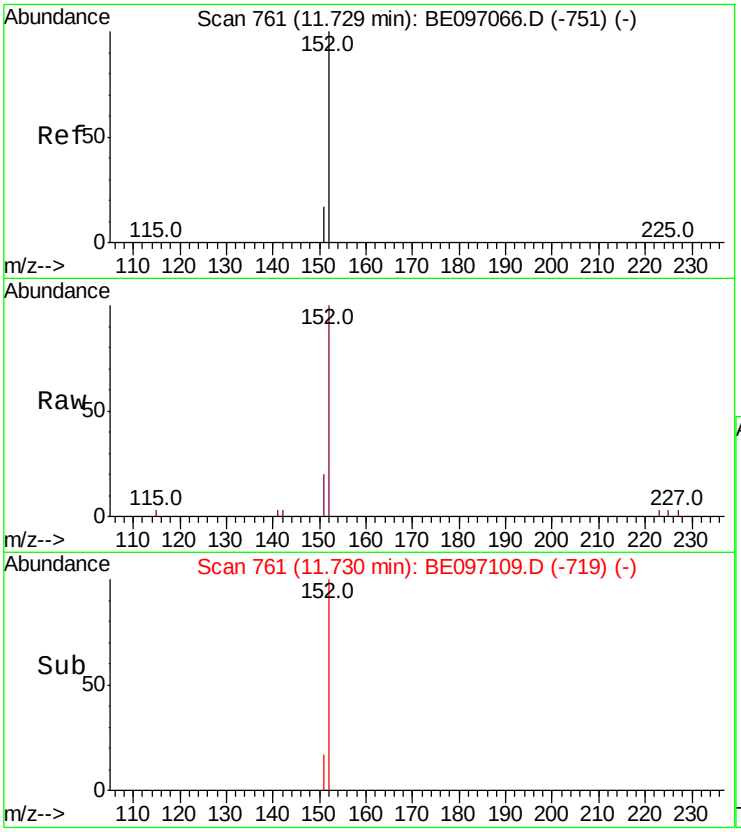


#10
Hexachlorobutadiene
Concen: 0.199 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:225 Resp: 429

Ion	Ratio	Lower	Upper
225	100		
223	64.3	53.0	79.6
227	65.0	51.4	77.2



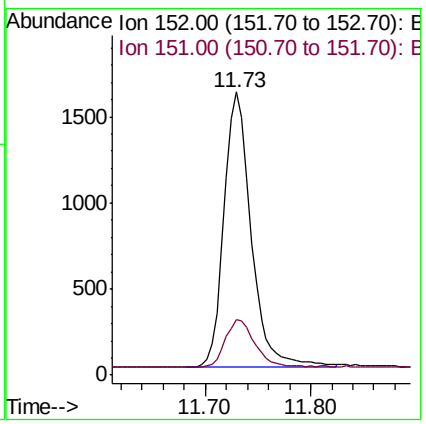


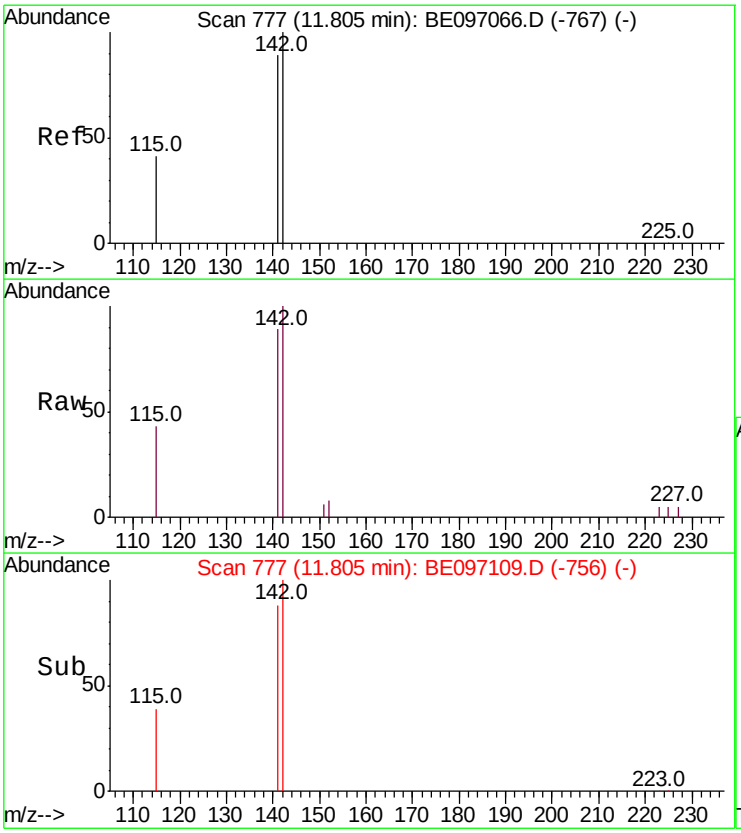
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2861

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0

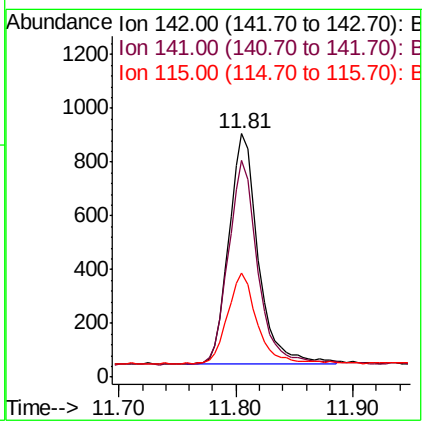


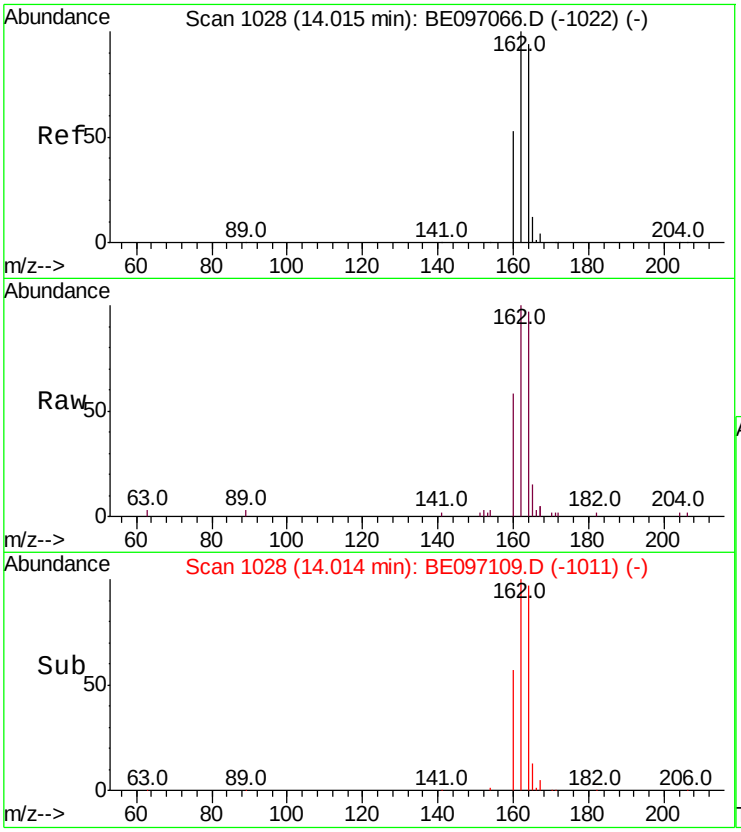


#12
2-Methylnaphthalene
Concen: 0.181 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:142 Resp: 1492

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	42.8	31.7	47.5



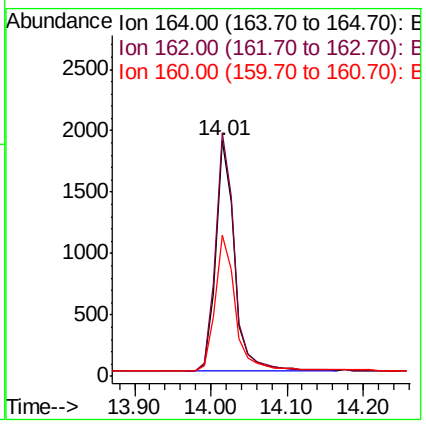


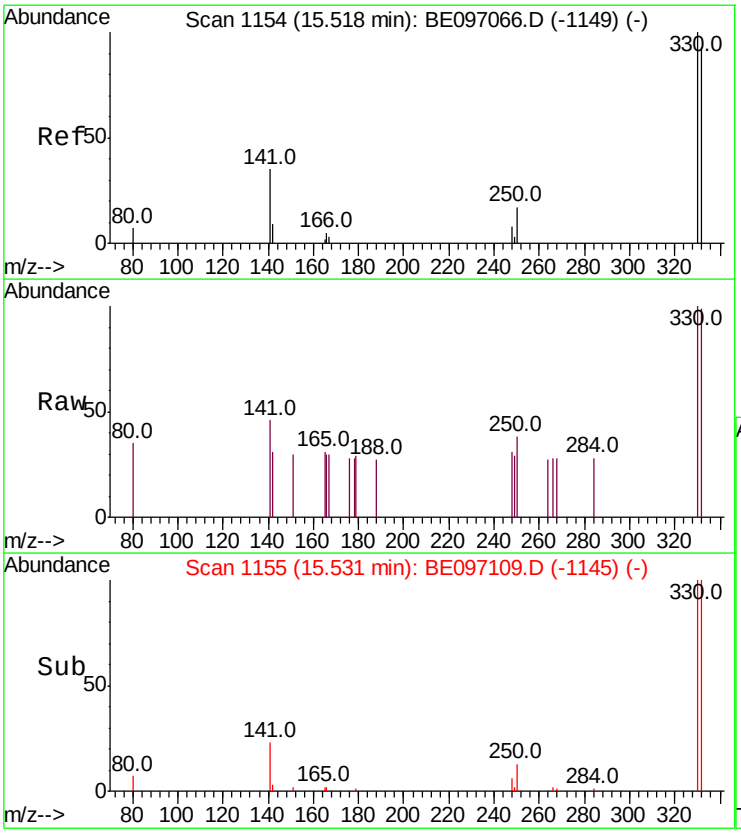
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3216

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.1	124.7
160	59.8	37.1	55.7#

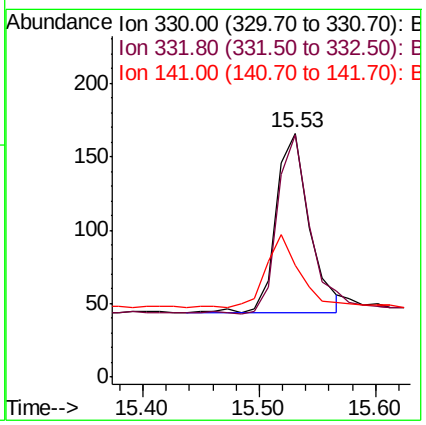


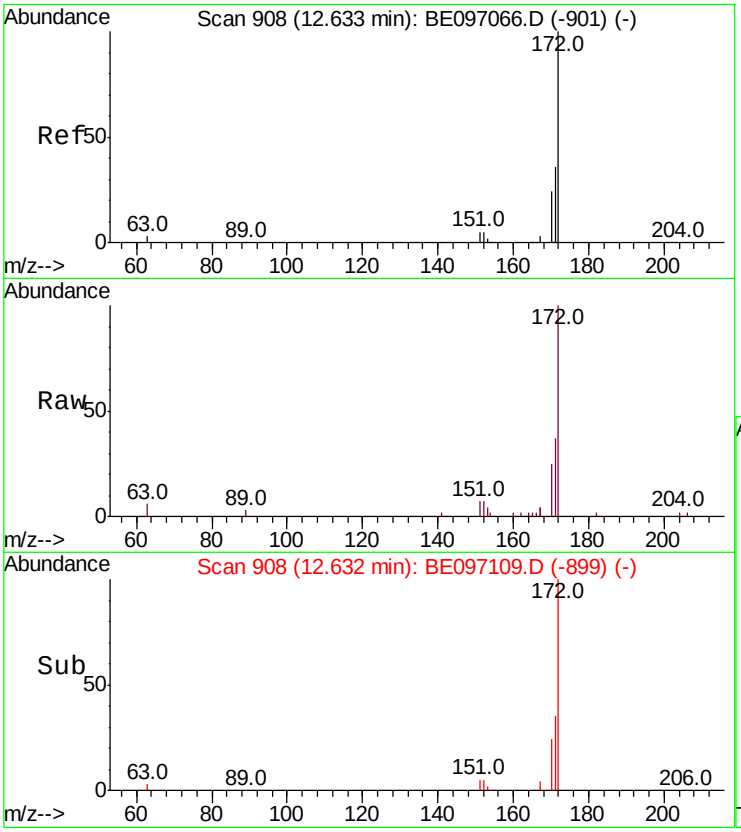


#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:330 Resp: 241

Ion	Ratio	Lower	Upper
330	100		
332	97.1	152.7	229.1#
141	41.9	33.7	50.5



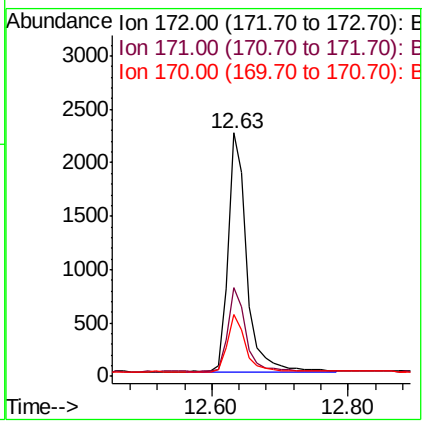


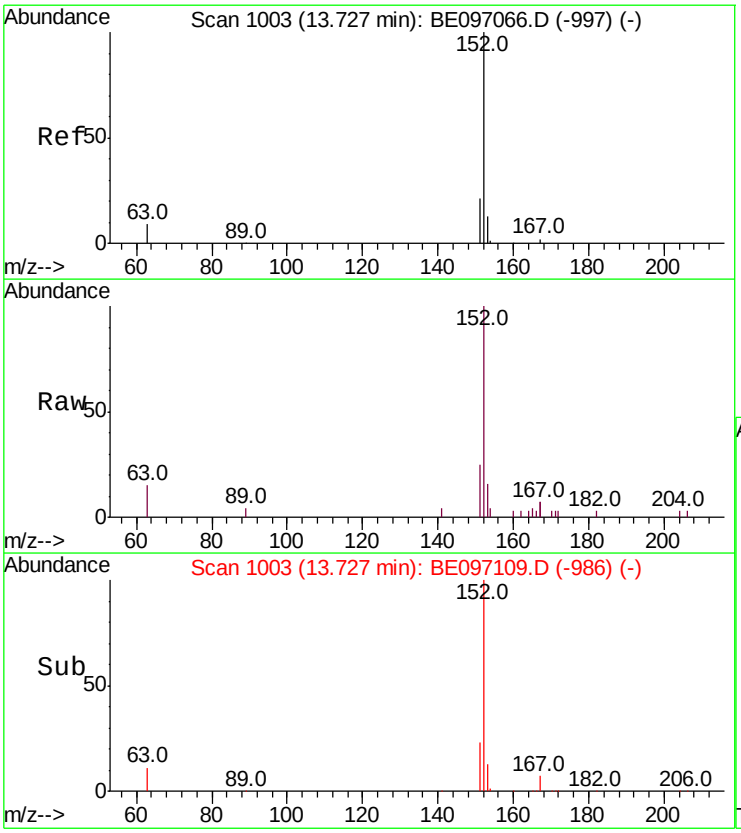
#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4235

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	25.4	21.8	32.8

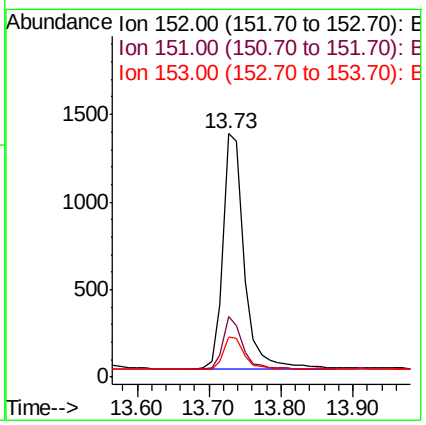


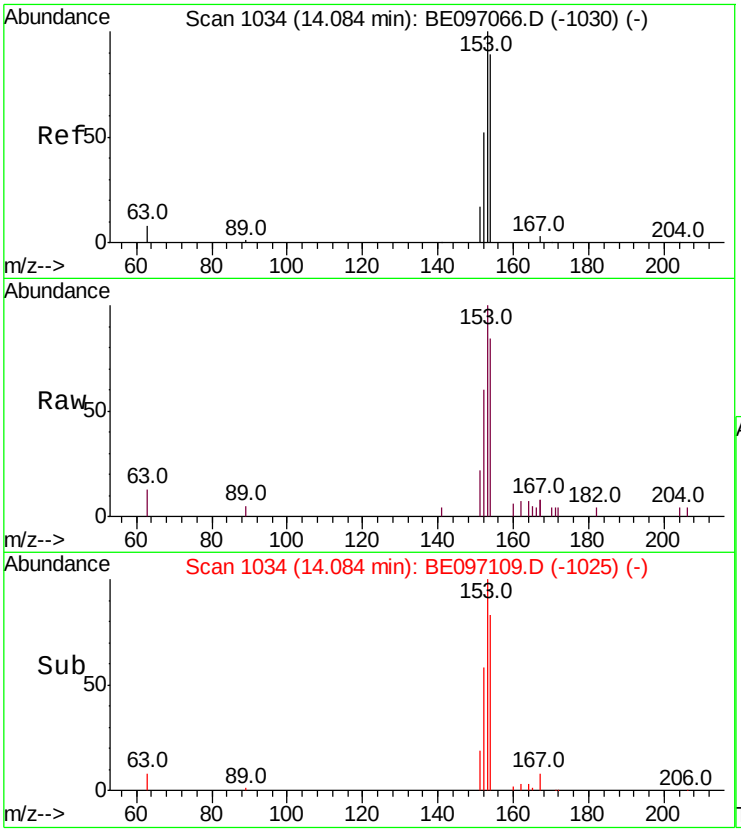


#16
Acenaphthylene
Concen: 0.191 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:152 Resp: 2756

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	13.4	10.5	15.7



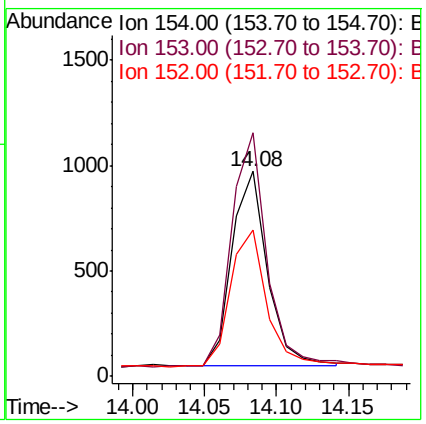


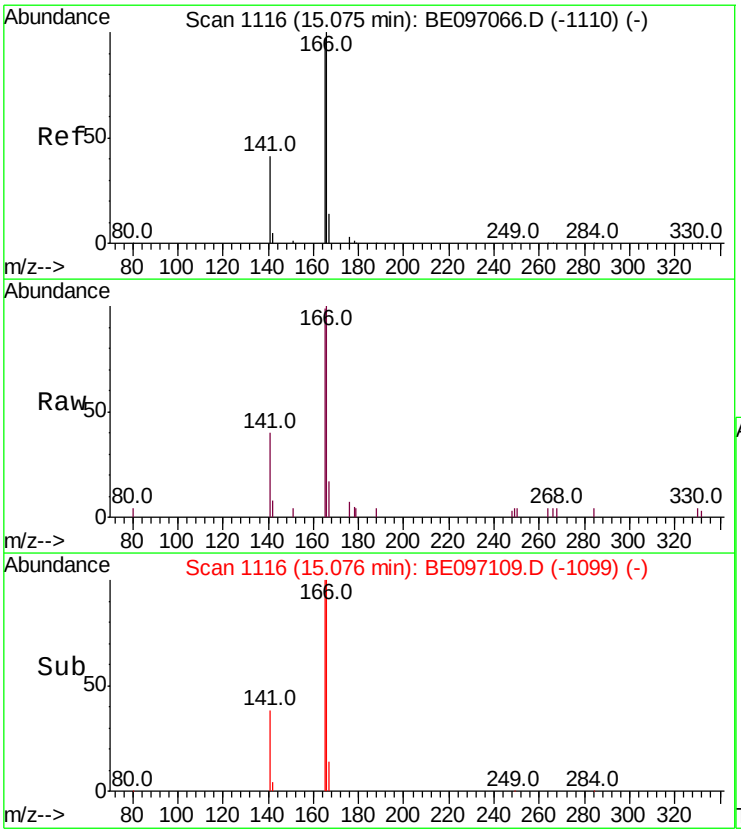
#17
Acenaphthene
Concen: 0.188 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1580

Ion	Ratio	Lower	Upper
154	100		
153	118.9	89.2	133.8
152	72.5	42.0	63.0#

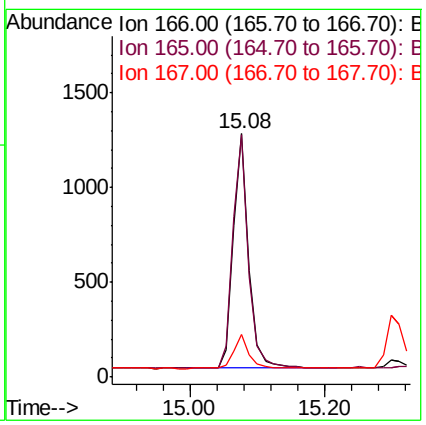


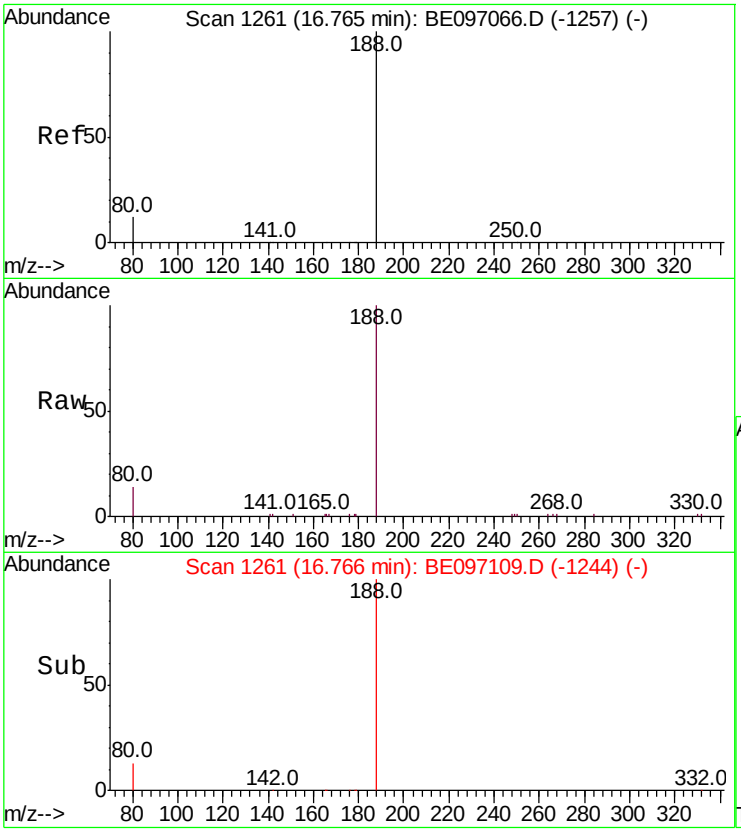


#18
Fluorene
Concen: 0.180 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:166 Resp: 1992

Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.8	116.6
167	14.5	42.4	63.6#



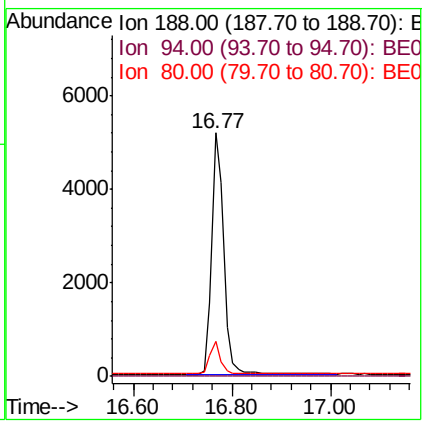


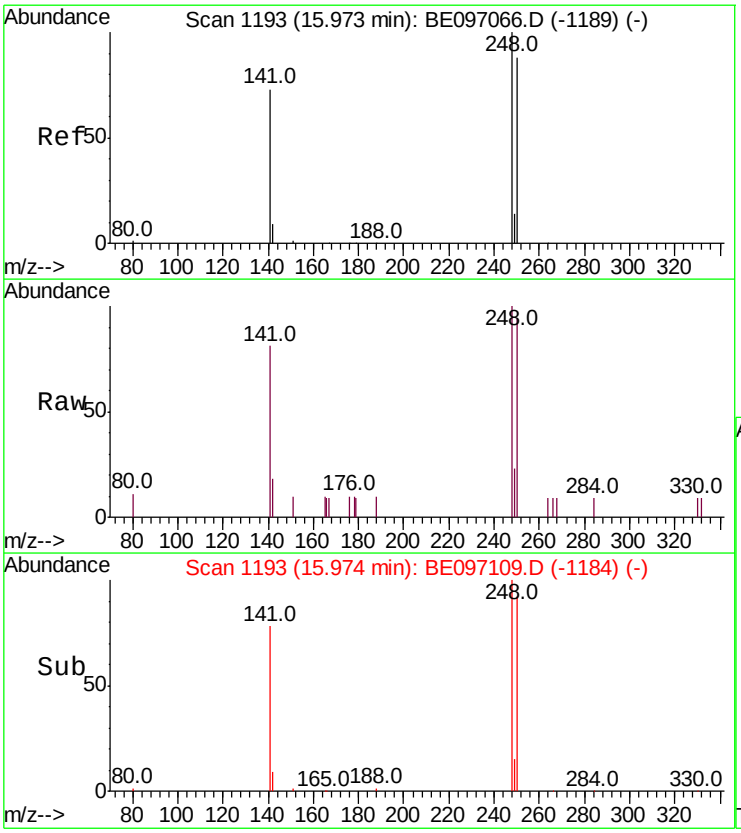
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 8740

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.4	3.6	5.4#

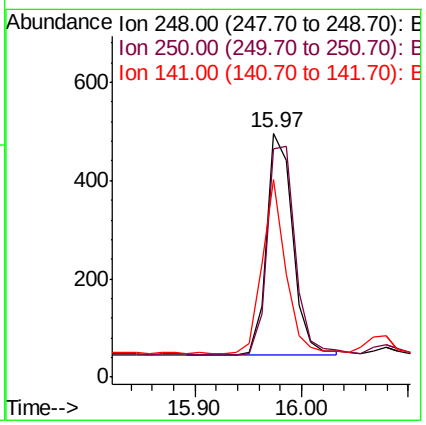


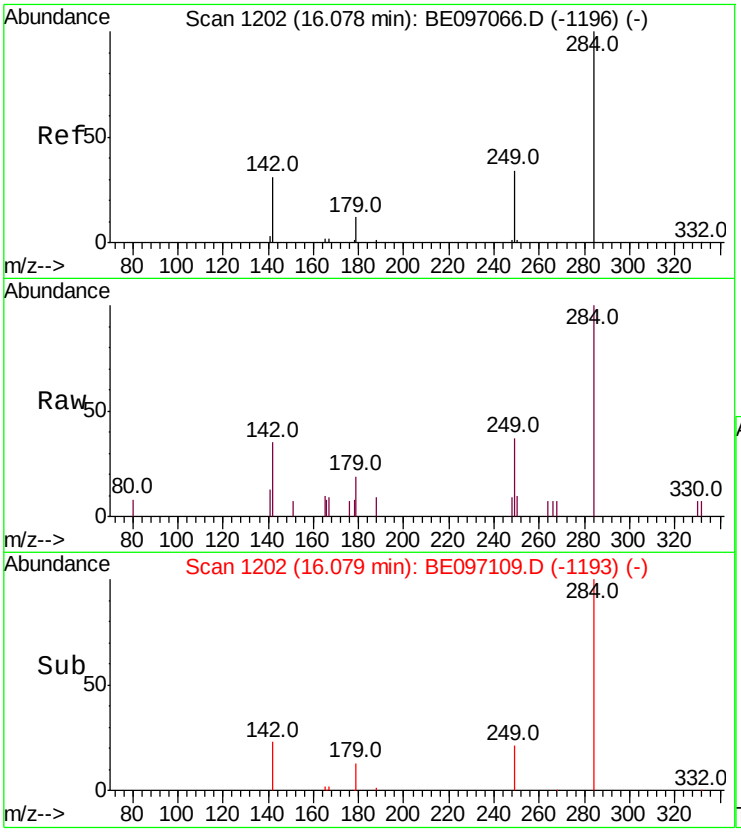


#20
4-Bromophenyl-phenylether
Concen: 0.181 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:248 Resp: 768

Ion	Ratio	Lower	Upper
248	100		
250	94.0	62.7	94.1
141	81.0	48.2	72.2#



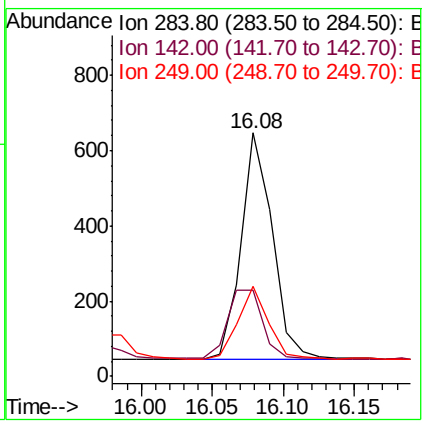


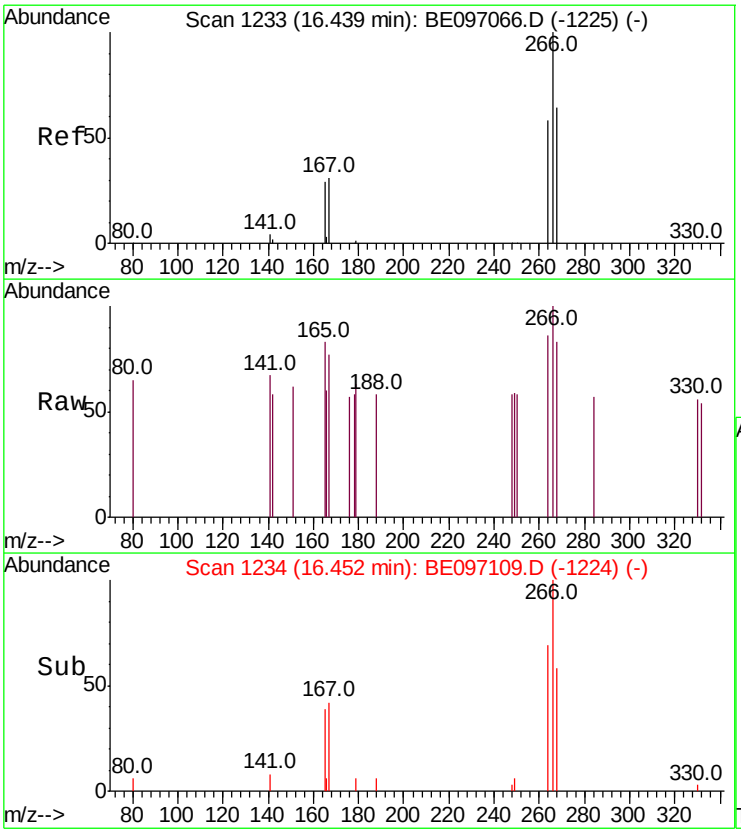
#21
Hexachlorobenzene
Concen: 0.202 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 920

Ion	Ratio	Lower	Upper
284	100		
142	34.3	22.1	33.1#
249	31.5	34.8	52.2#

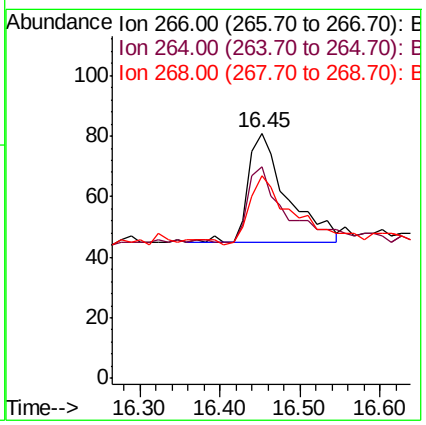


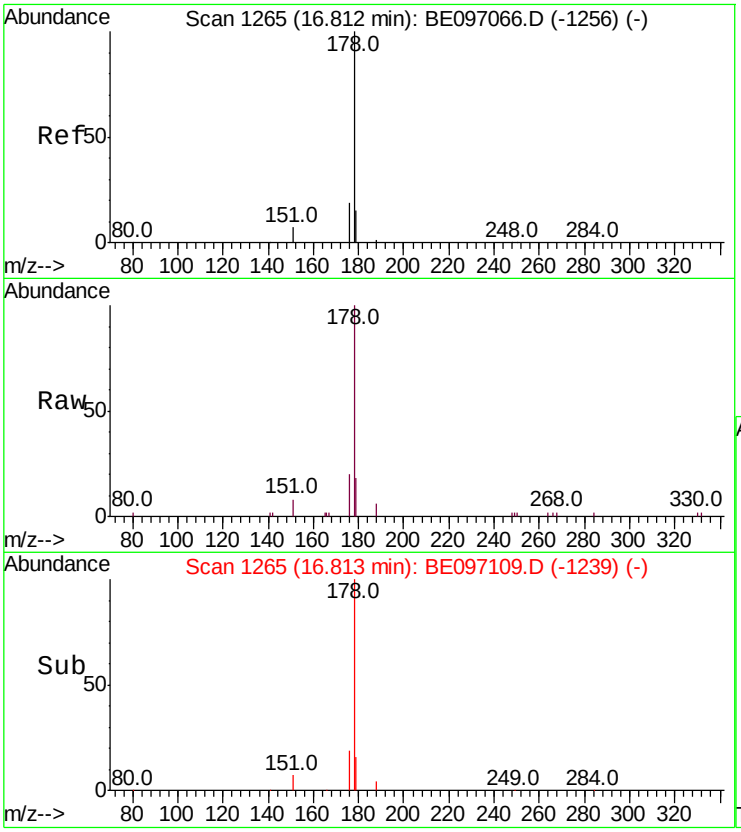


#22
Pentachlorophenol
Concen: 0.144 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:266 Resp: 120

Ion	Ratio	Lower	Upper
266	100		
264	86.4	72.5	108.7
268	82.7	73.8	110.6



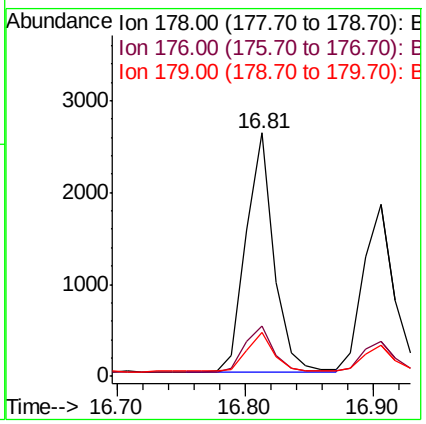


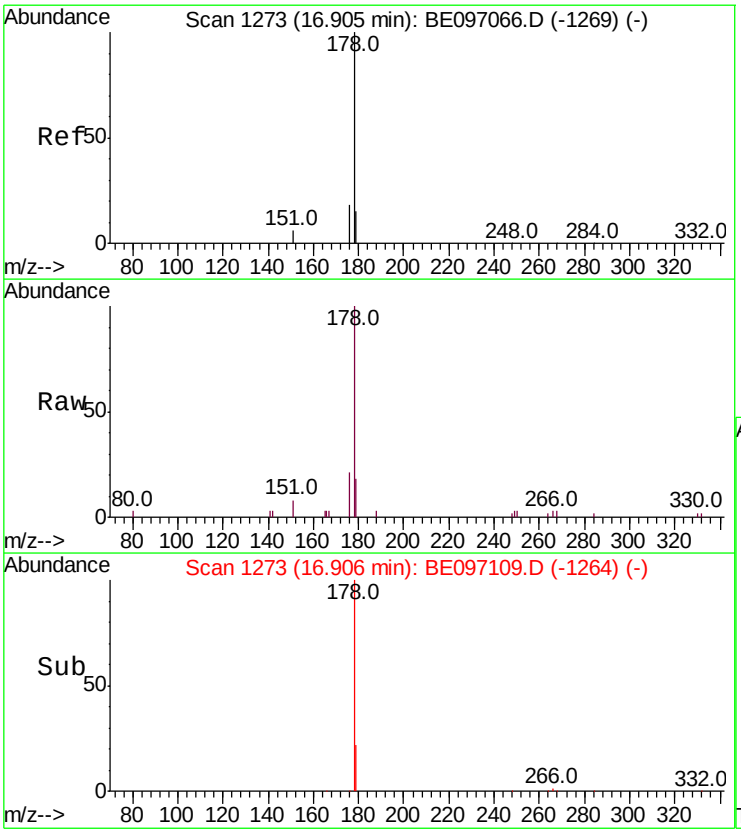
#23
Phenanthrene
Concen: 0.189 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3937

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	16.0	11.8	17.6

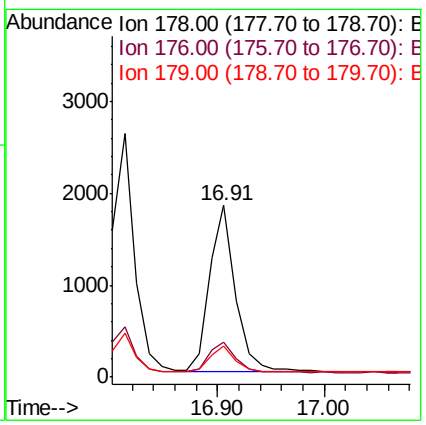


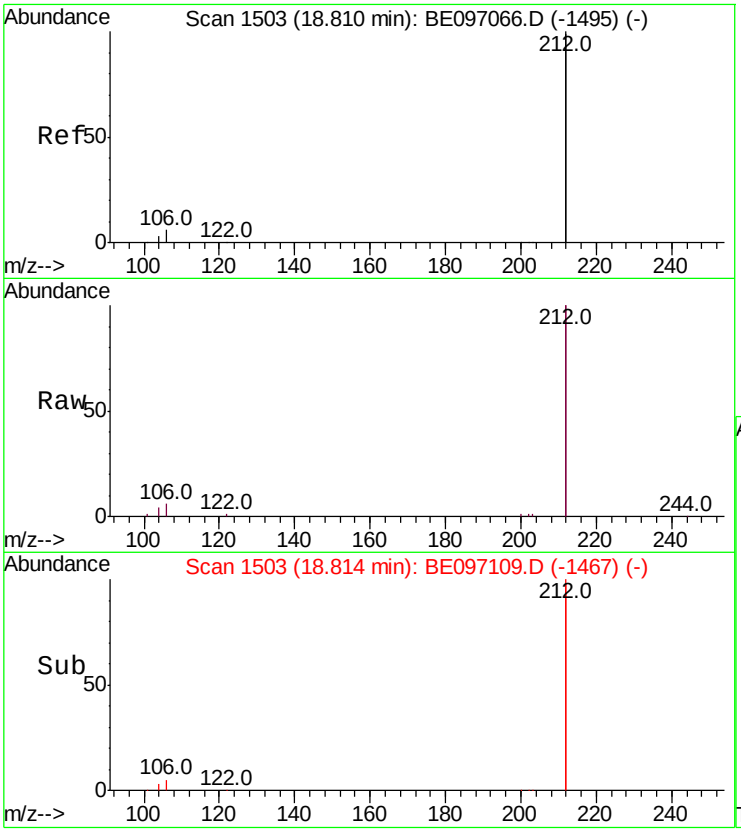


#24
Anthracene
Concen: 0.163 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:178 Resp: 3030

Ion	Ratio	Lower	Upper
178	100		
176	19.2	12.8	19.2#
179	15.8	13.0	19.6



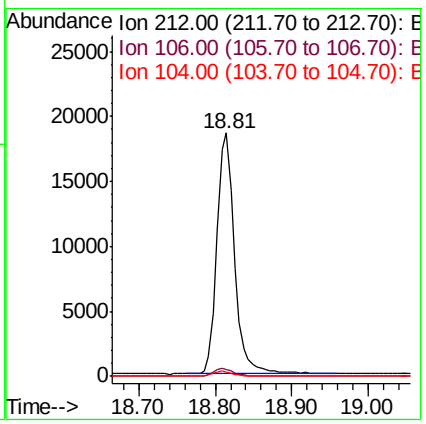


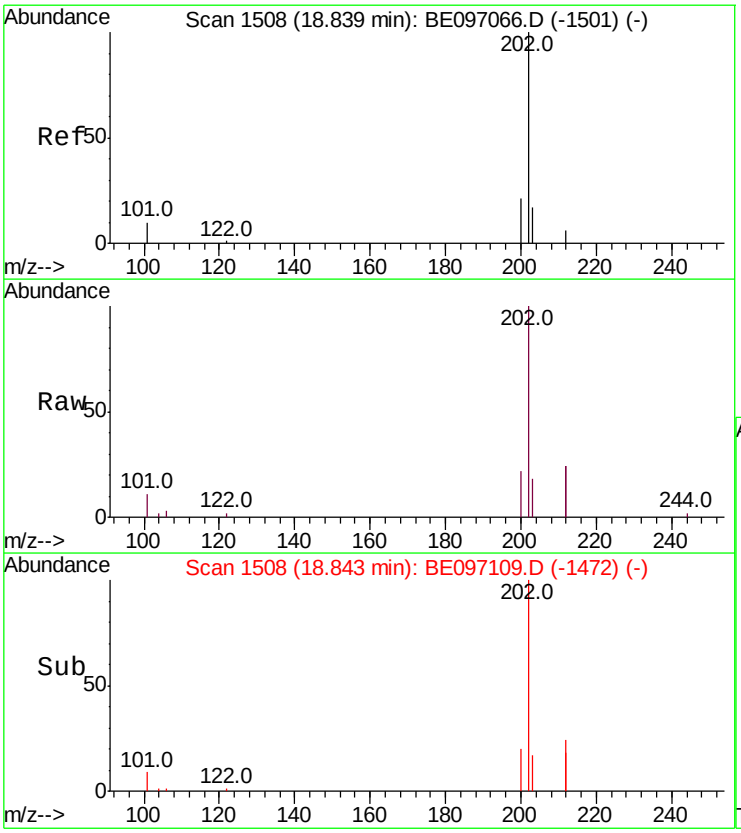
#25
Fluoranthene-d10
Concen: 0.340 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 29759

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.9	1.6	2.4

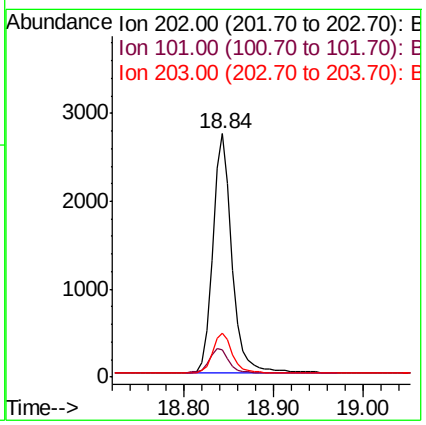


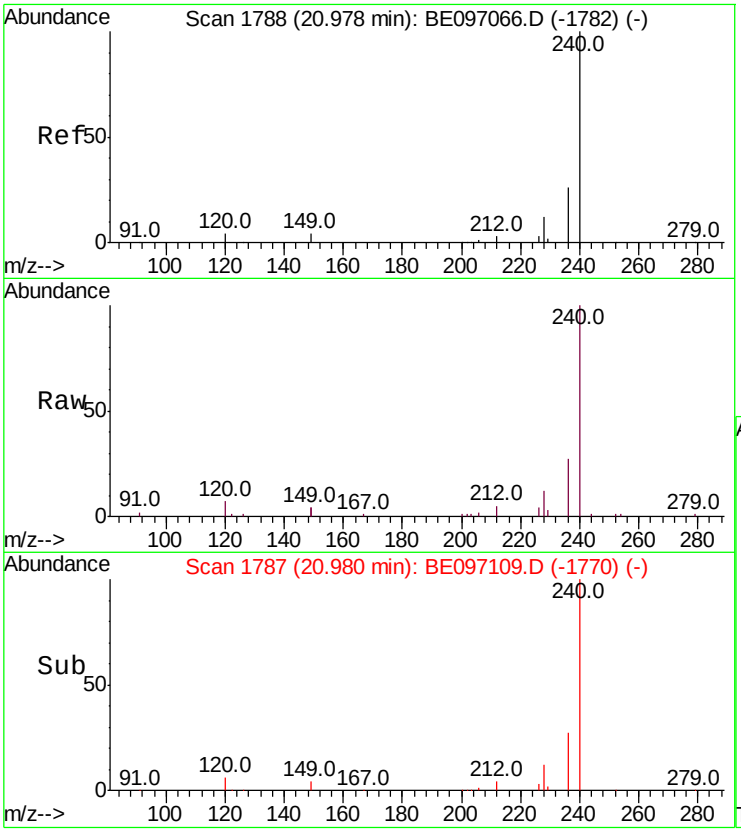


#26
Fluoranthene
Concen: 0.171 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:202 Resp: 3987

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.0	13.7	20.5



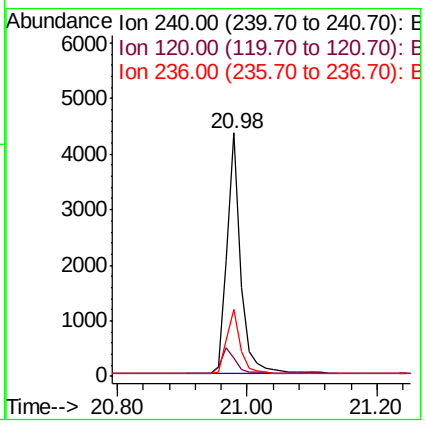


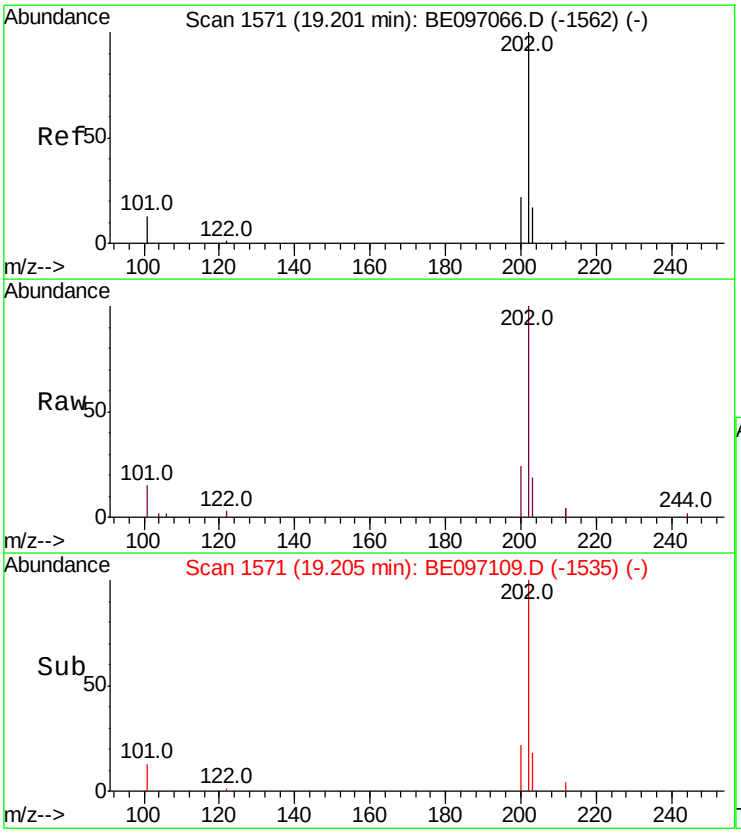
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6582

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.5	8.3
236	27.3	20.7	31.1

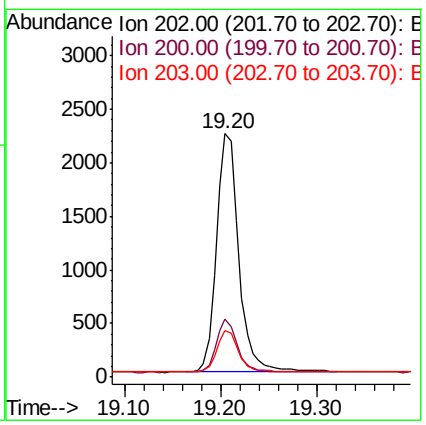


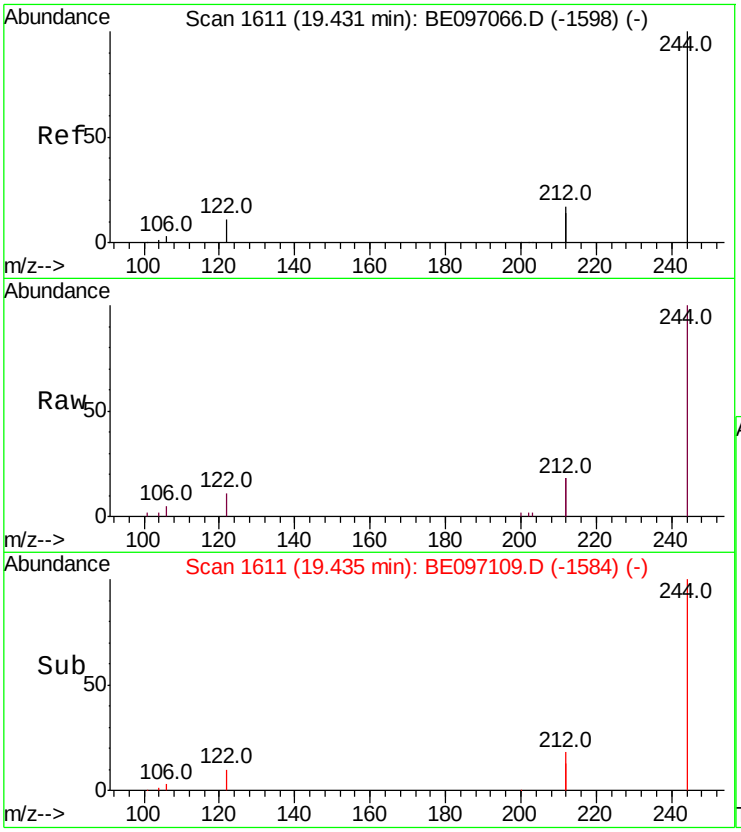


#28
Pyrene
Concen: 0.200 ng
RT: 19.20 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:202 Resp: 3605

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.4	13.8	20.8



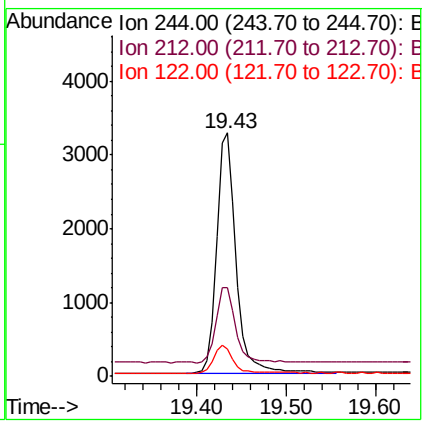


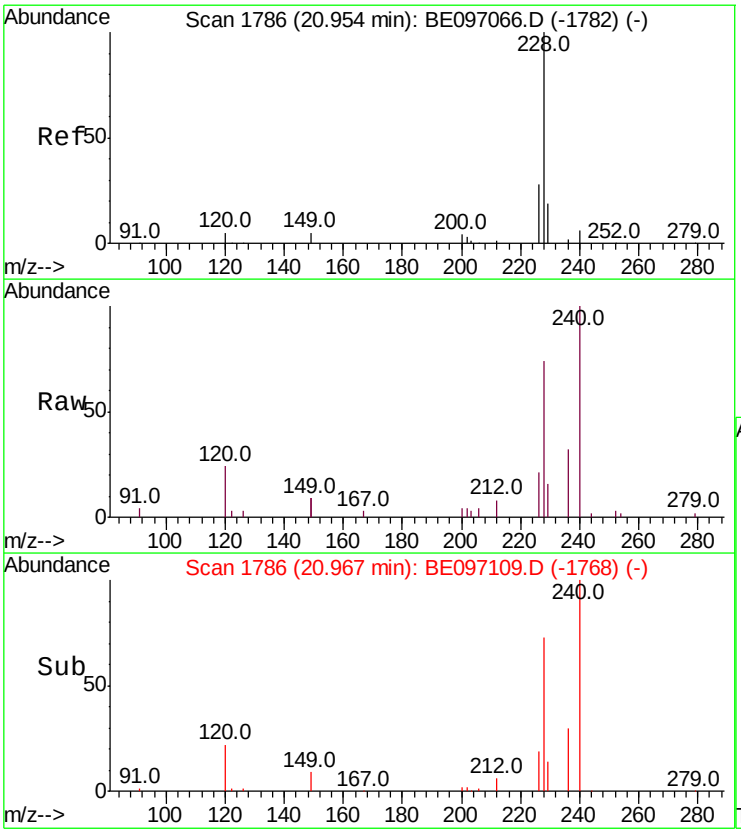
#29
Terphenyl-d14
Concen: 0.383 ng
RT: 19.43 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4845

Ion	Ratio	Lower	Upper
244	100		
212	36.3	25.4	38.0
122	11.1	8.1	12.1

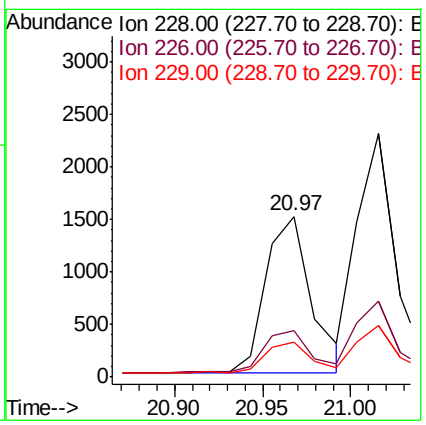


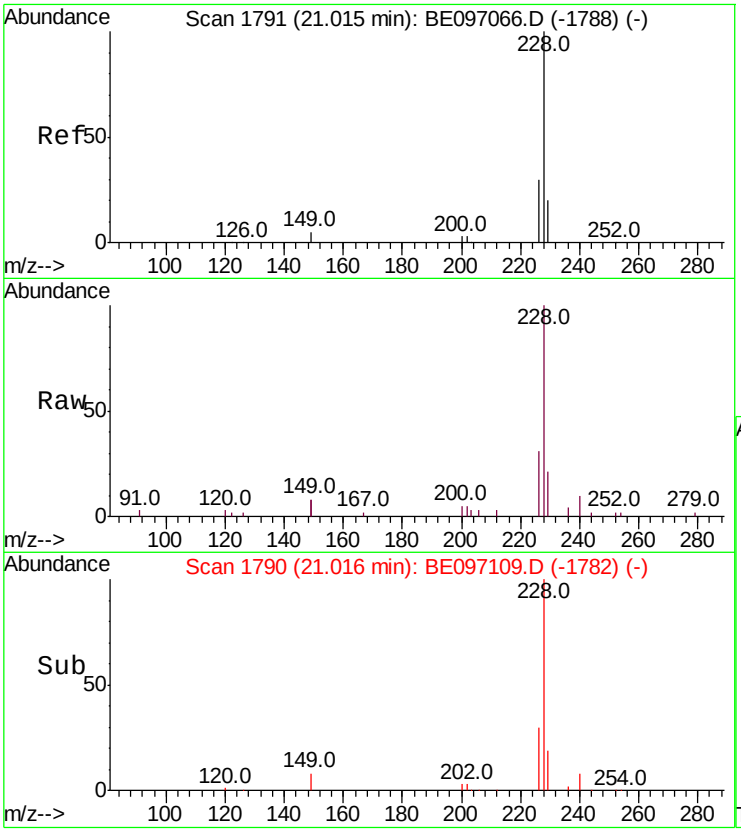


#30
Benzo(a)anthracene
Concen: 0.162 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:228 Resp: 2648

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	21.9	16.0	24.0



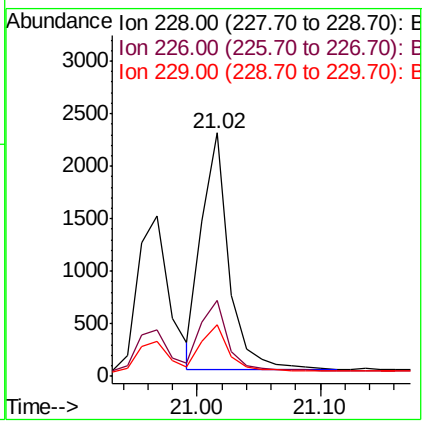


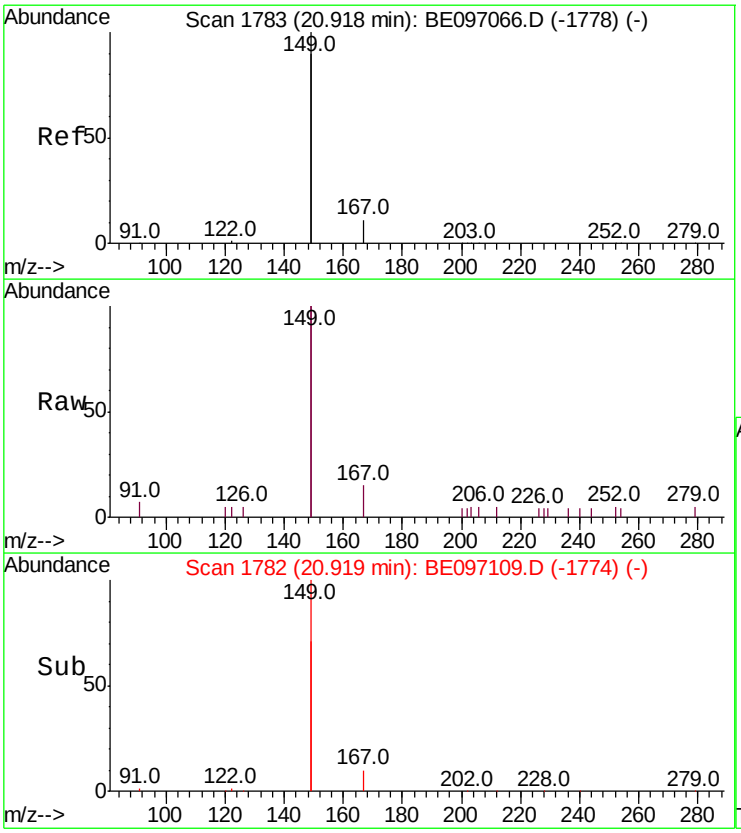
#31
Chrysene
Concen: 0.196 ng
RT: 21.02 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 3437

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	21.1	16.0	24.0

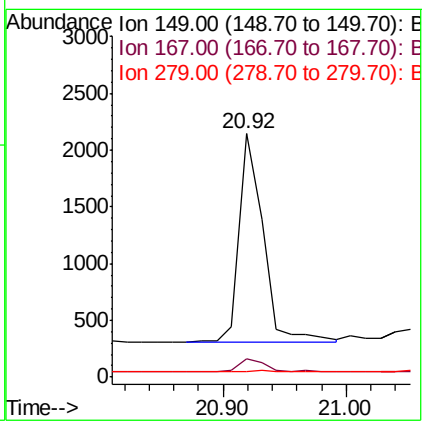


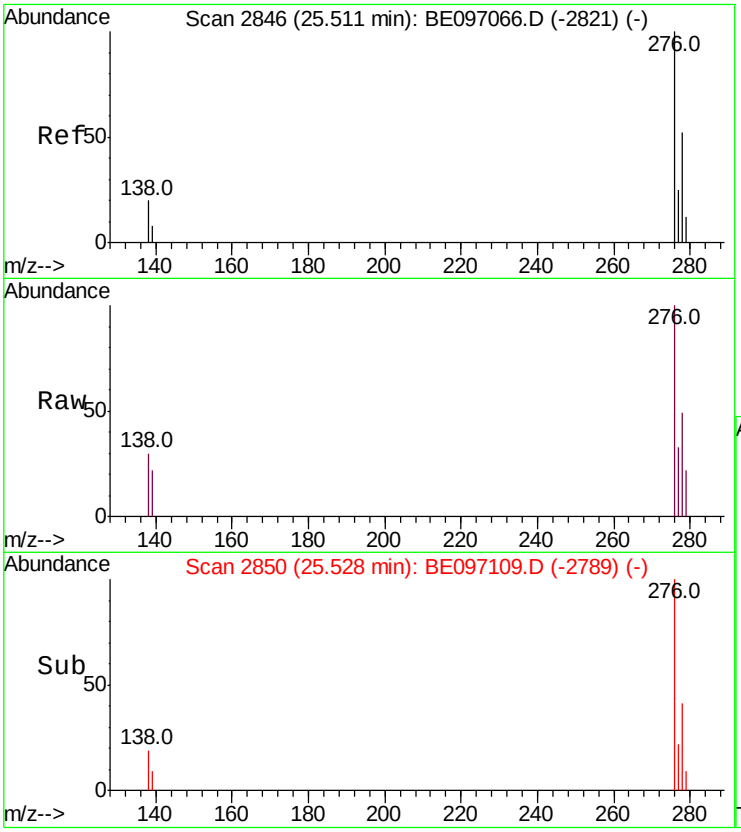


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 20.92 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:149 Resp: 2474

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



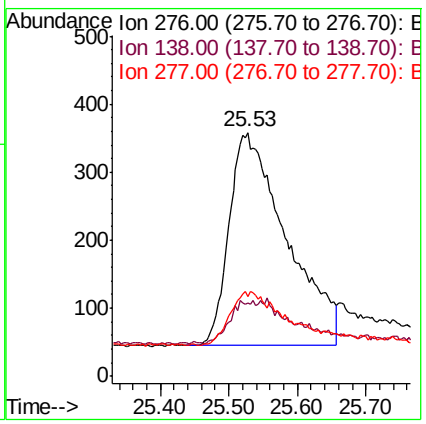


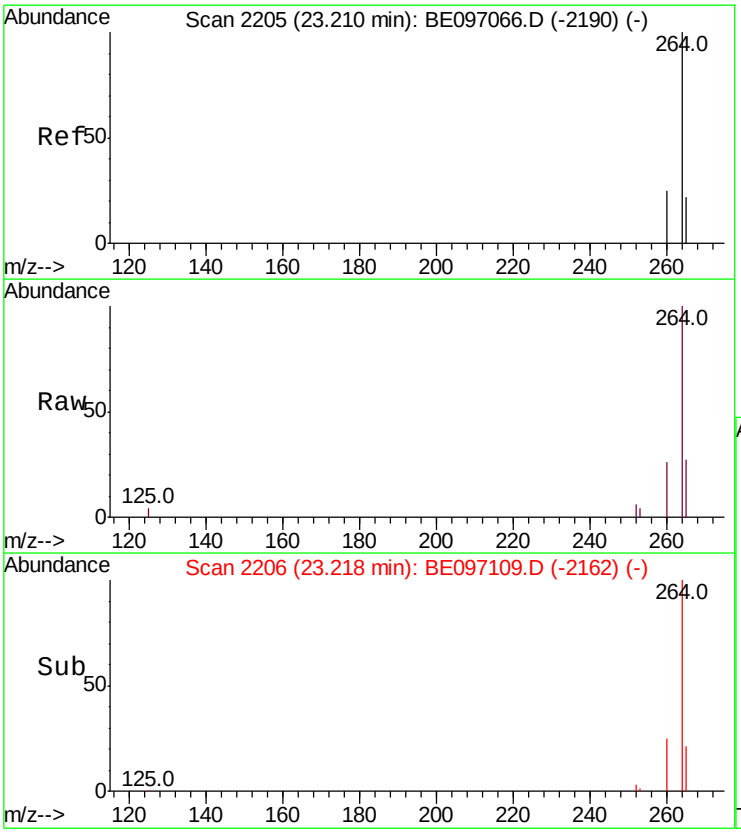
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng
RT: 25.53 min Scan# 2850
Delta R.T. 0.02 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1818

Ion	Ratio	Lower	Upper
276	100		
138	5.9	22.5	33.7#
277	8.3	19.9	29.9#

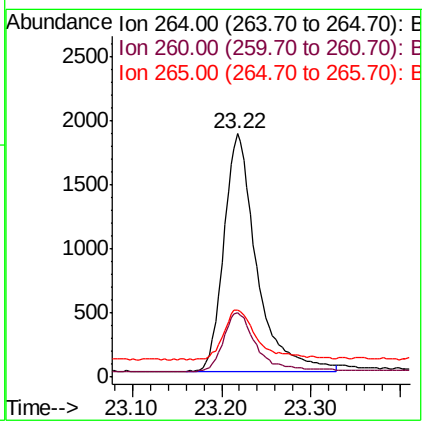


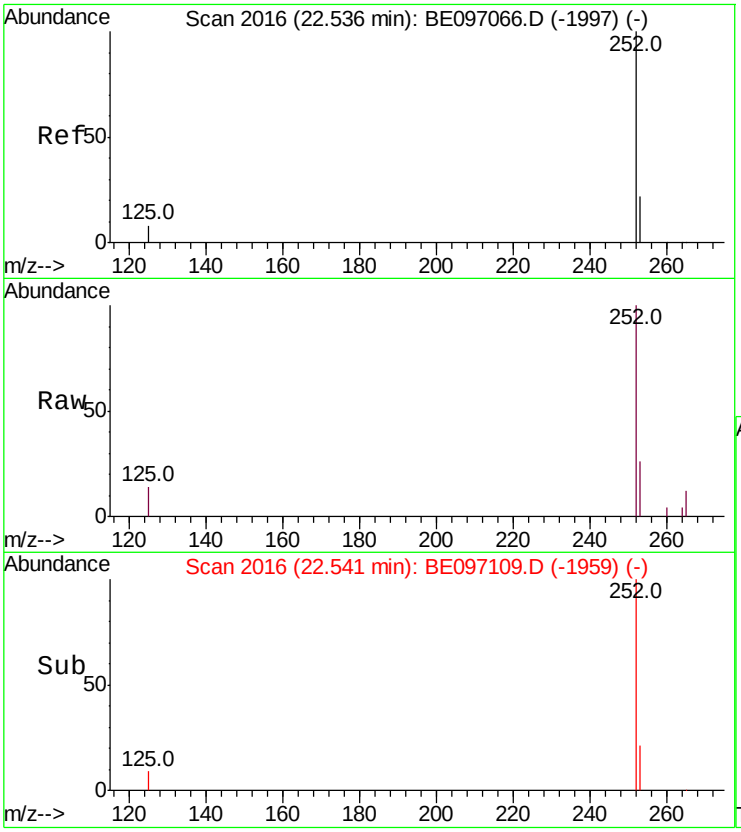


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.22 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:264 Resp: 4763

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	27.5	22.8	34.2



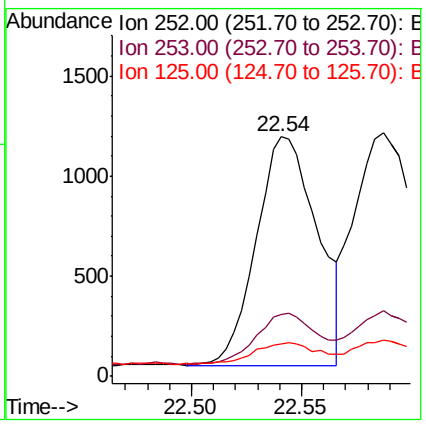


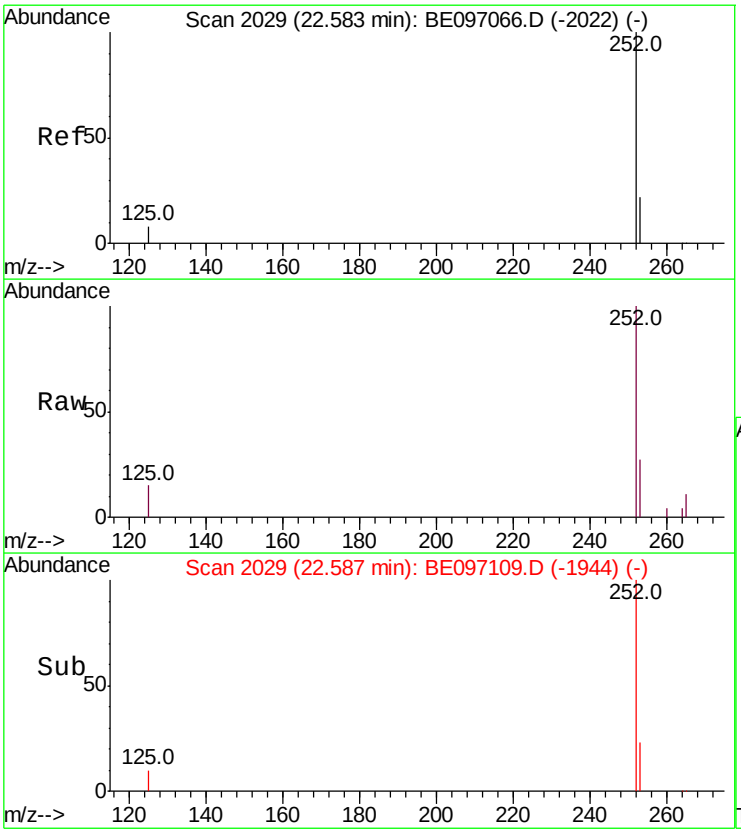
#35
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2194

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.0	30.0
125	13.5	16.0	24.0#

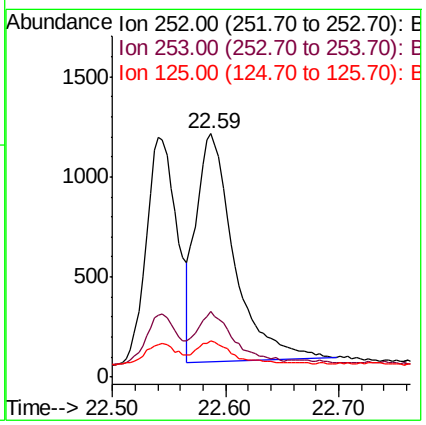


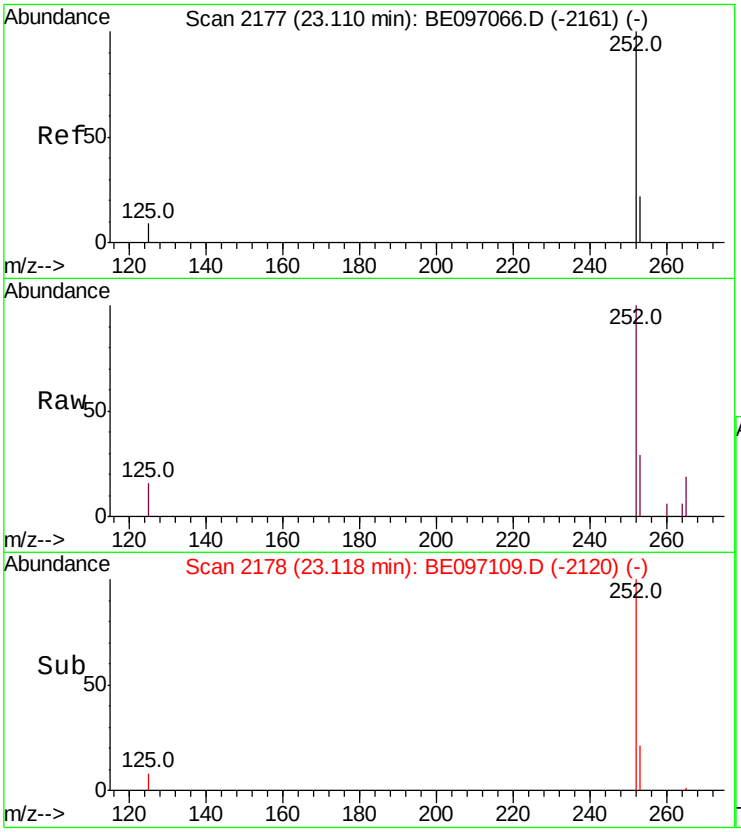


#36
Benzo(k)fluoranthene
Concen: 0.189 ng
RT: 22.59 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:252 Resp: 2673

Ion	Ratio	Lower	Upper
252	100		
253	26.9	16.0	24.0#
125	14.7	8.0	12.0#



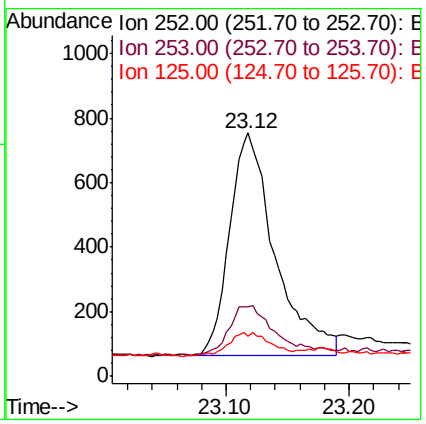


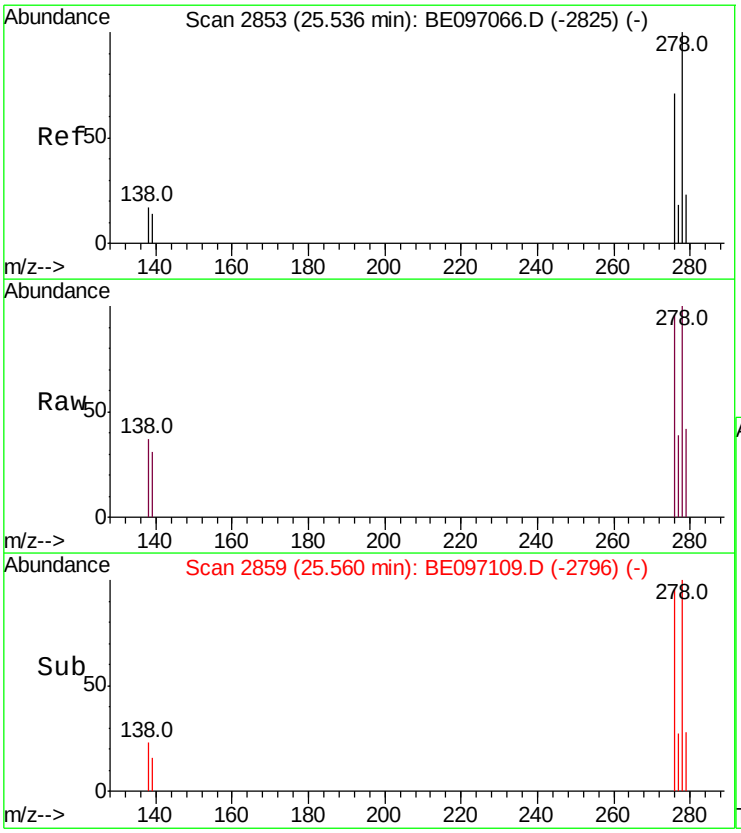
#37
Benzo(a)pyrene
Concen: 0.156 ng
RT: 23.12 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1776

Ion	Ratio	Lower	Upper
252	100		
253	28.8	16.0	24.0#
125	16.2	12.0	18.0

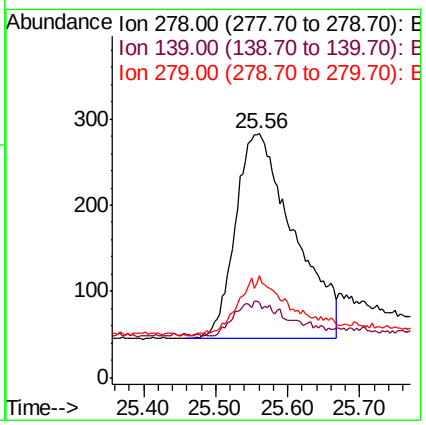


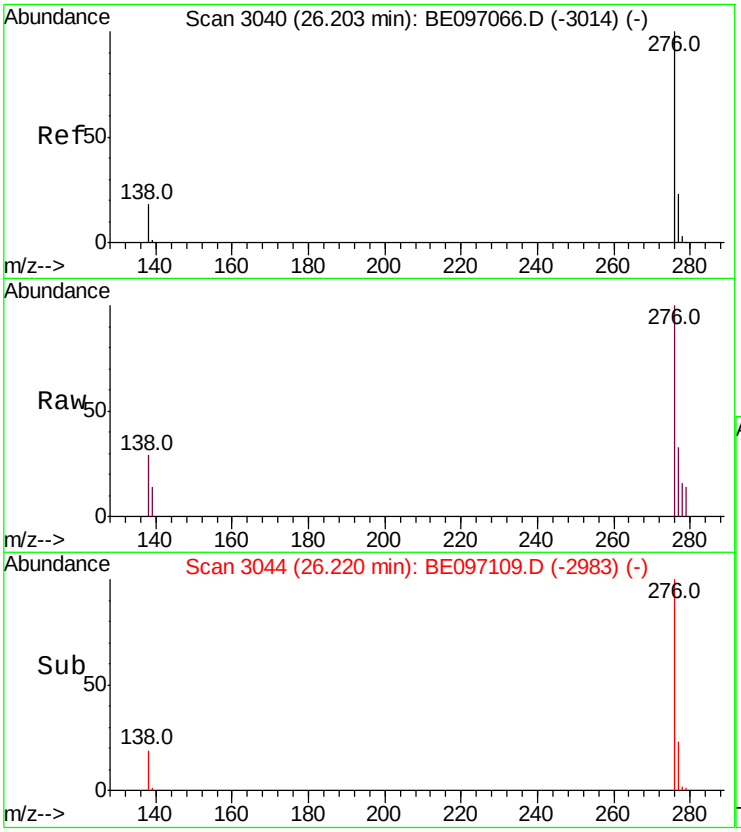


#38
Dibenzo(a,h)anthracene
Concen: 0.116 ng
RT: 25.56 min Scan# 2859
Delta R.T. 0.02 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Tgt Ion:278 Resp: 1320

Ion	Ratio	Lower	Upper
278	100		
139	30.7	16.0	24.0#
279	41.7	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.154 ng
RT: 26.22 min Scan# 3044
Delta R.T. 0.02 min
Lab File: BE097109.D
Acq: 26 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1859

Ion	Ratio	Lower	Upper
276	100		
277	32.5	16.0	24.0#
138	28.8	20.0	30.0