Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097074.D
Acq On : 24 Jul 2018 16:34
Operator : SJ/JU
Sample : PB111338BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB111338BL

Quant Time: Jul 25 00:37:29 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	7.40	152	1422	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6065	0.40	ng		0.00
13) Acenaphthene-d10	14.03	164	2910	0.40	ng		0.01
19) Phenanthrene-d10	16.78	188	8743	0.40	ng		0.01
27) Chrysene-d12	20.98	240	8085	0.40	ng		0.00
34) Perylene-d12	23.21	264	7607	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1527	0.38	ng		0.00
5) Phenol-d6	6.60	99	1818	0.31	ng		0.00
8) Nitrobenzene-d5	8.53	82	2186	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3362	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	269	0.28	ng		0.01
15) 2-Fluorobiphenyl	12.64	172	5052	0.50	ng		0.01
25) Fluoranthene-d10	18.82	212	38700	0.44	ng		0.00
29) Terphenyl-d14	19.43	244	6350	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	11	0.005	ng	#	16
3) n-Nitrosodimethylamine	3.42	42	17	0.007	ng	#	14
6) bis(2-Chloroethyl)ether	6.83	93	2	0.000	ng	#	1
9) Naphthalene	10.20	128	104	0.002	ng	#	46
10) Hexachlorobutadiene	10.46	225	8	0.003	ng	#	17
12) 2-Methylnaphthalene	11.80	142	3	0.000	ng	#	51
16) Acenaphthylene	13.73	152	6	0.000	ng	#	1
17) Acenaphthene	14.07	154	11	0.001	ng	#	5
18) Fluorene	15.08	166	13	0.001	ng	#	10
20) 4-Bromophenyl-phenylether	15.96	248	7	0.002	ng	#	58
21) Hexachlorobenzene	16.08	284	3	0.001	ng	#	26
22) Pentachlorophenol	16.44	266	6	0.040	ng		96
23) Phenanthrene	16.81	178	66	0.003	ng	#	73
24) Anthracene	16.91	178	29	0.002	ng	#	75
26) Fluoranthene	18.84	202	47	0.002	ng	#	64
28) Pyrene	19.20	202	39	0.002	ng	#	80
30) Benzo(a)anthracene	20.97	228	55	0.003	ng	#	1
31) Chrysene	21.01	228	34	0.002	ng	#	3
32) Bis(2-ethylhexyl)phthalate	20.92	149	212	Below Cal		#	95
33) Indeno(1,2,3-cd)pyrene	25.51	276	11	0.001	ng	#	65
35) Benzo(b)fluoranthene	22.55	252	37	0.002	ng	#	1
36) Benzo(k)fluoranthene	22.55	252	37	0.002	ng	#	1
37) Benzo(a)pyrene	23.11	252	6	0.000	ng	#	1
38) Dibenzo(a,h)anthracene	25.54	278	9	0.000	ng	#	1
39) Benzo(g,h,i)perylene	26.21	276	19	0.001	ng	#	1

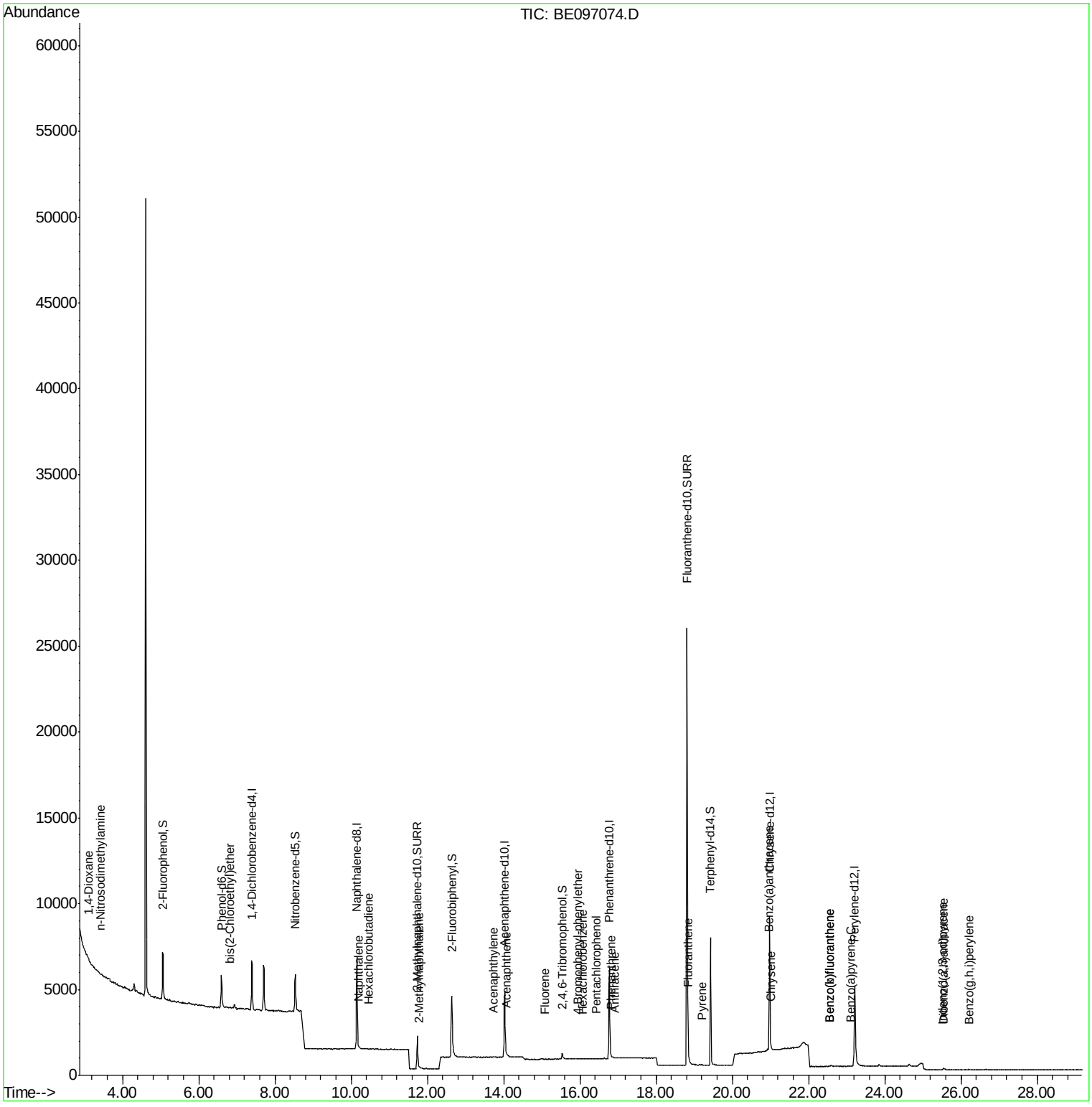
(#) = qualifier out of range (m) = manual integration (+) = signals summed

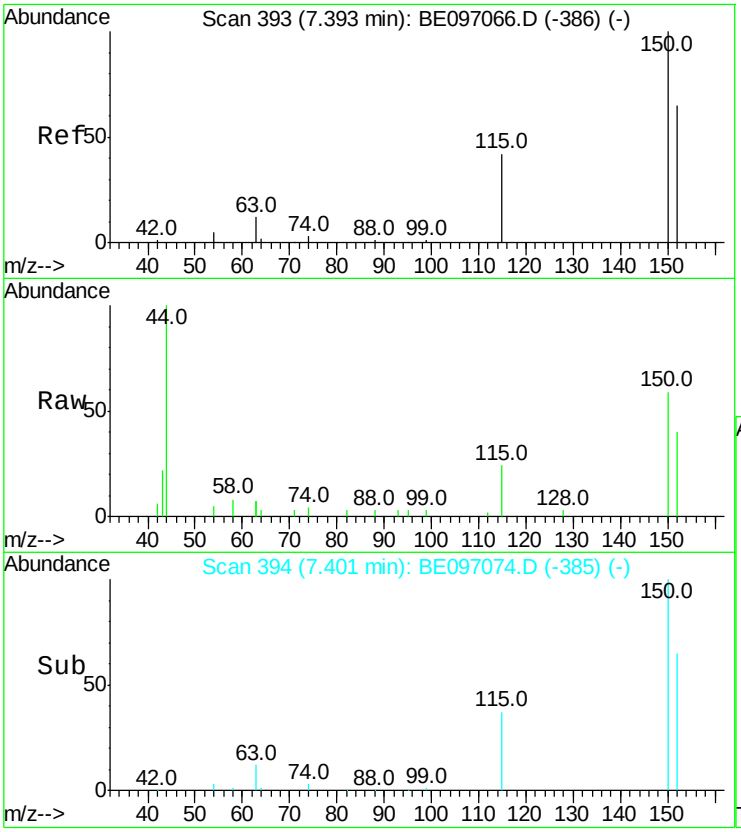
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097074.D
Acq On : 24 Jul 2018 16:34
Operator : SJ/JU
Sample : PB111338BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Quant Time: Jul 25 00:37:29 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



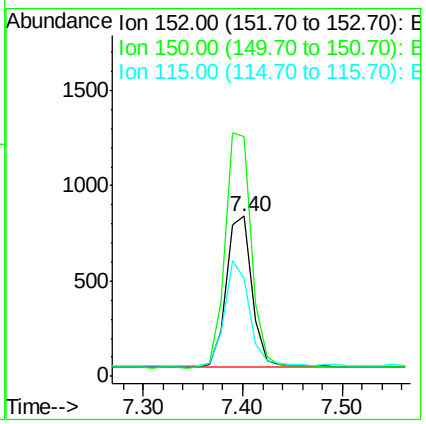


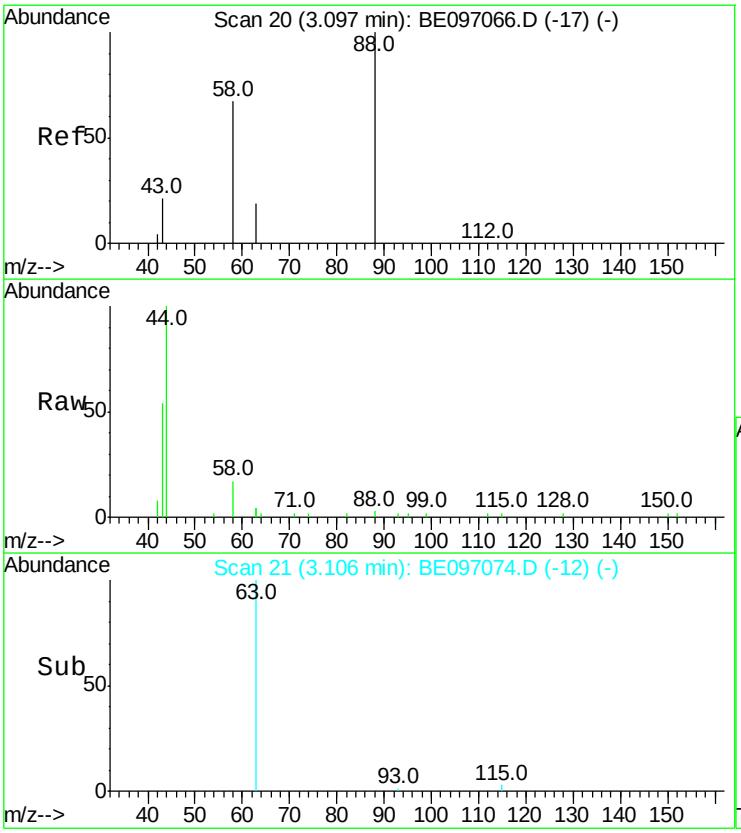
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:152 Resp: 1422

Ion	Ratio	Lower	Upper
152	100		
150	150.1	117.2	175.8
115	60.9	57.0	85.6

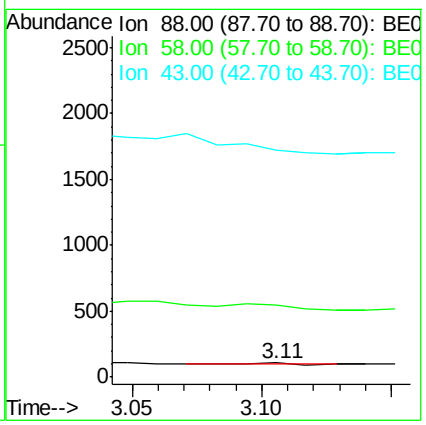


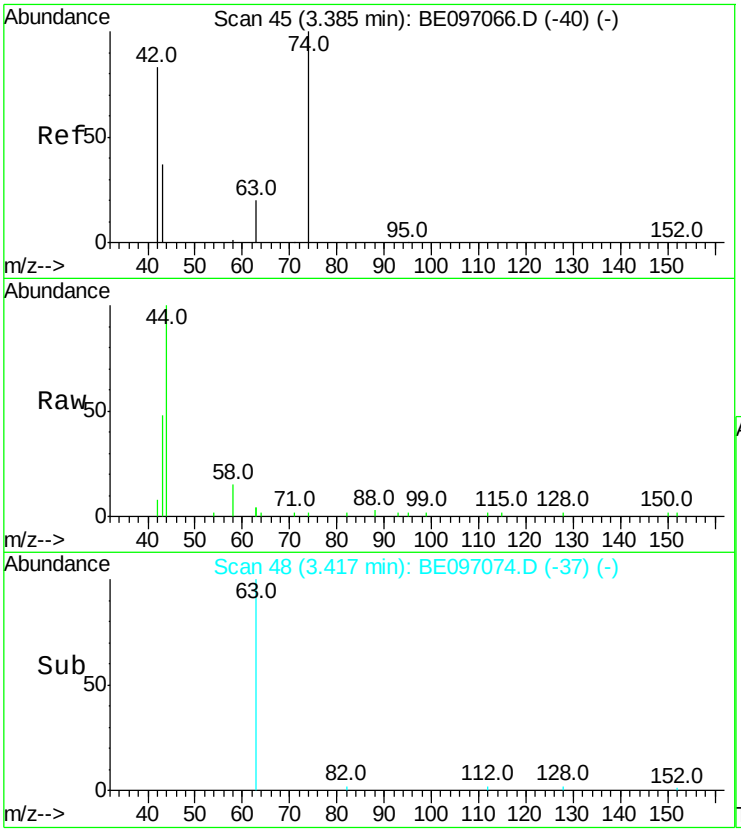


#2
1,4-Dioxane
Concen: 0.005 ng
RT: 3.11 min Scan# 21
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion: 88 Resp: 11

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.2	94.8#
43	0.0	41.2	61.8#



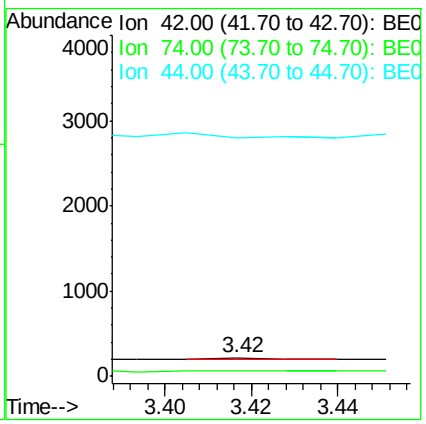


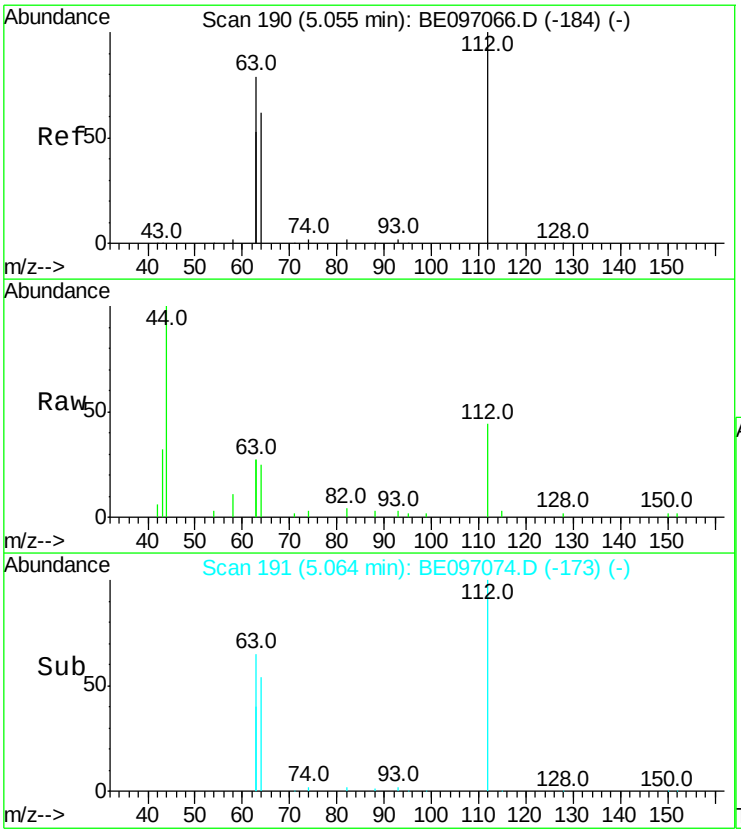
#3
n-Nitrosodimethylamine
Concen: 0.007 ng
RT: 3.42 min Scan# 48
Delta R.T. 0.03 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	17.6	96.0	144.0#
44	0.0	12.0	18.0#

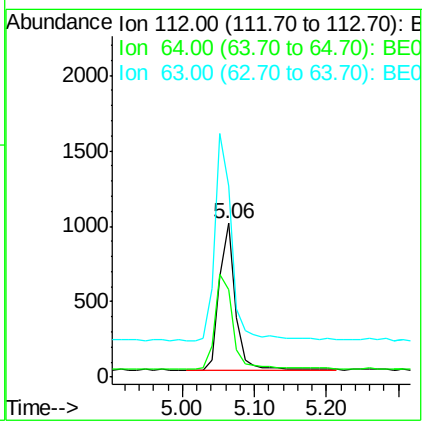


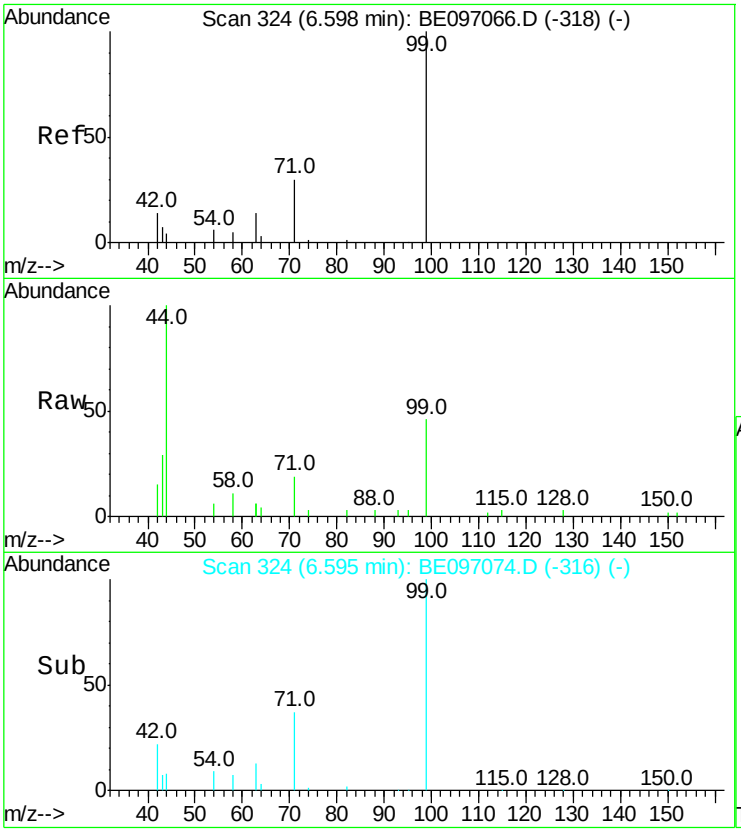


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:112 Resp: 1527

Ion	Ratio	Lower	Upper
112	100		
64	70.4	60.1	90.1
63	145.6	116.8	175.2



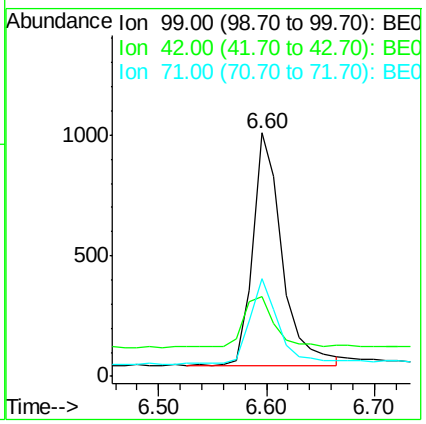


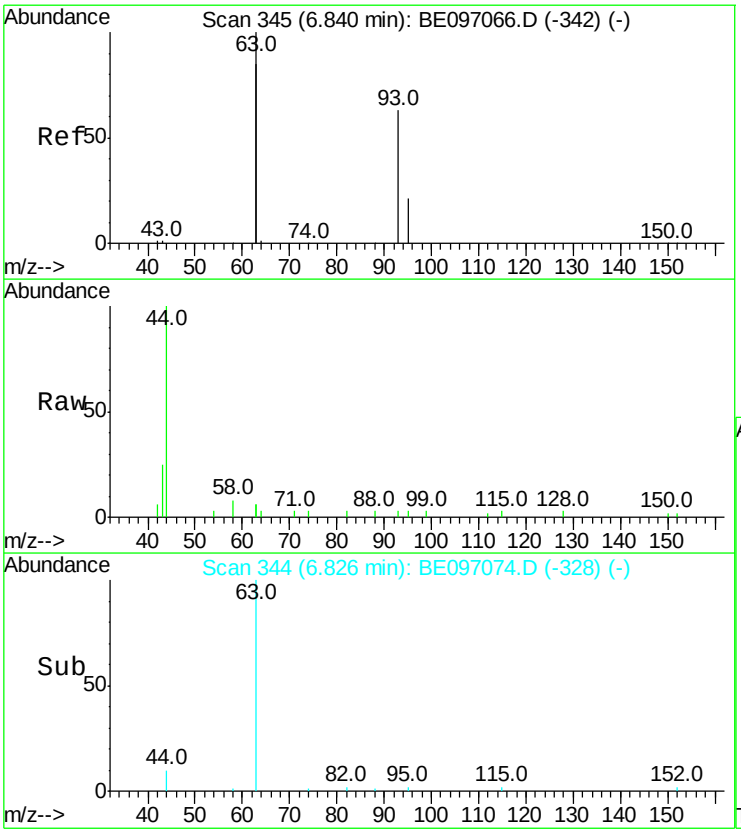
#5
Phenol-d6
Concen: 0.310 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion: 99 Resp: 1818

Ion	Ratio	Lower	Upper
99	100		
42	22.3	20.2	30.2
71	34.9	28.4	42.6

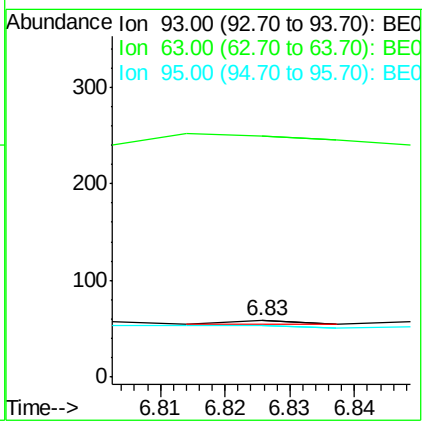


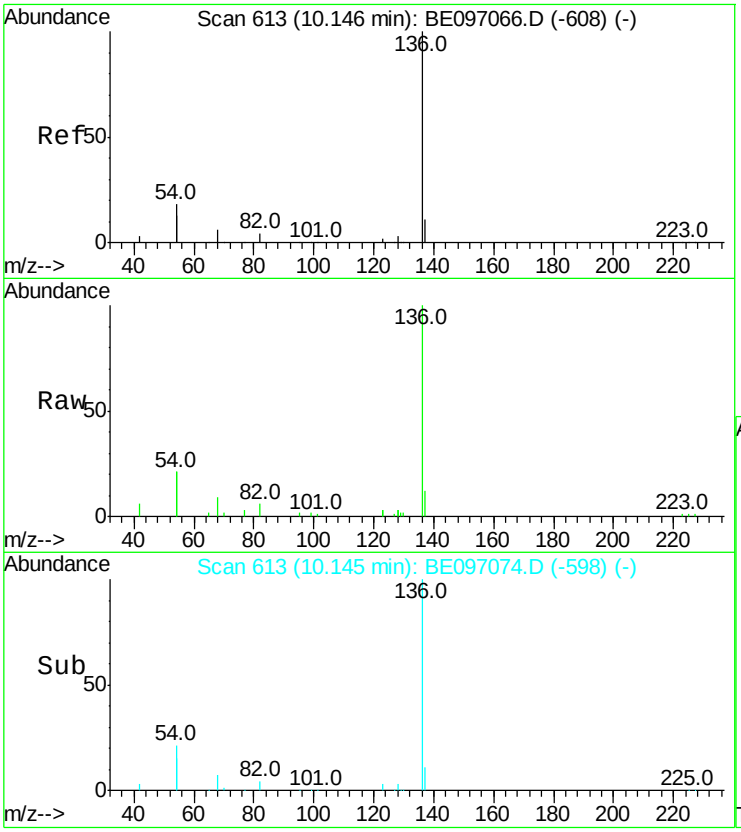


#6
bis(2-Chloroethyl)ether
Concen: 0.000 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion: 93 Resp: 2

Ion	Ratio	Lower	Upper
93	100		
63	3100.0	275.3	412.9#
95	0.0	25.2	37.8#



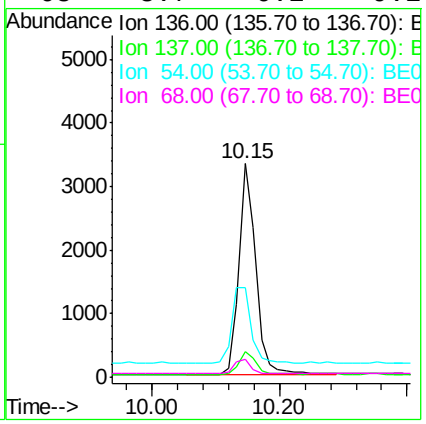


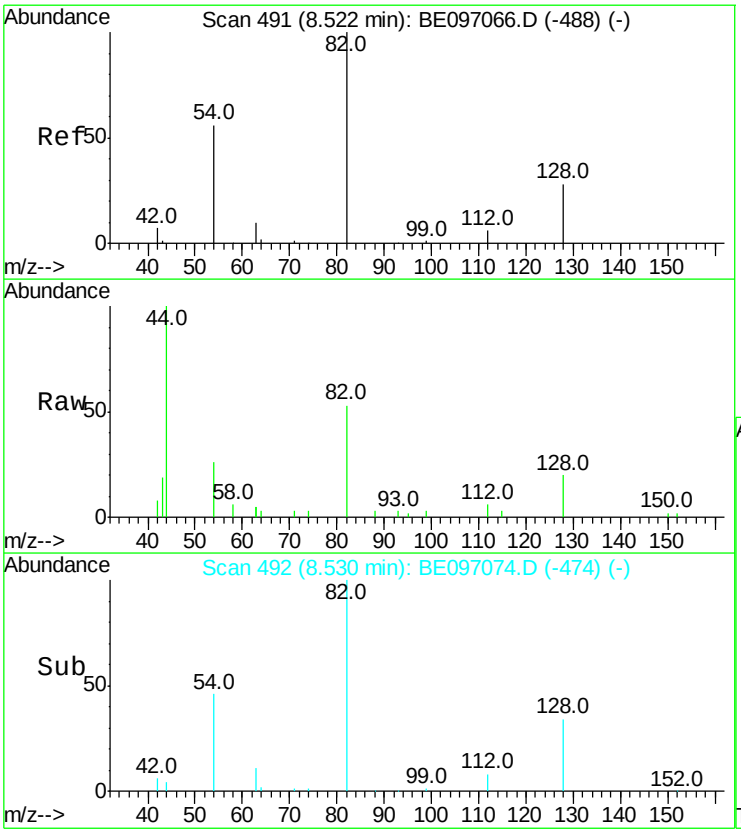
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:136 Resp: 6065

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	42.1	29.1	43.7
68	8.7	6.2	9.2

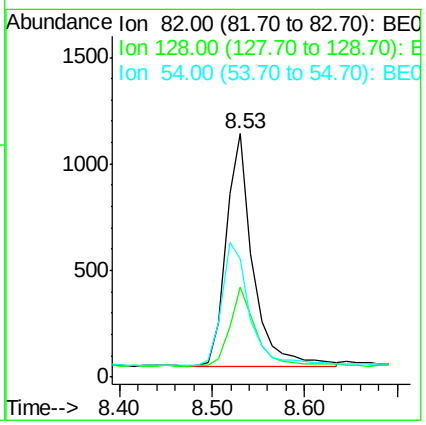


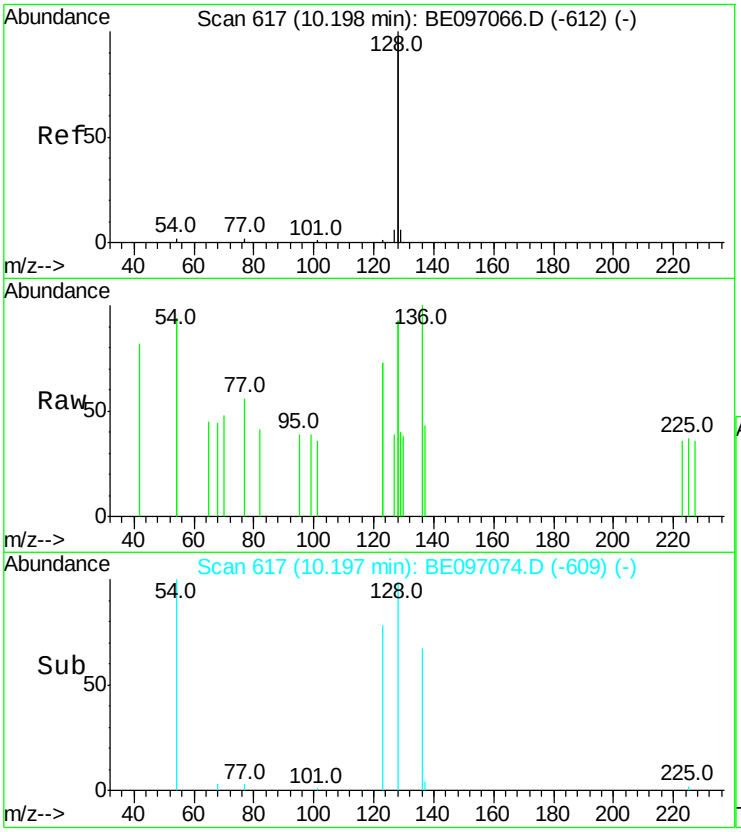


#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion: 82 Resp: 2186

Ion	Ratio	Lower	Upper
82	100		
128	37.0	24.0	36.0#
54	48.6	40.0	60.0



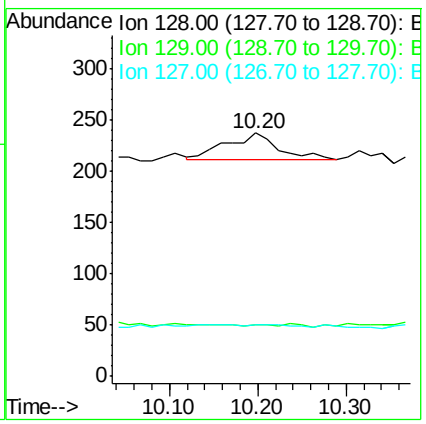


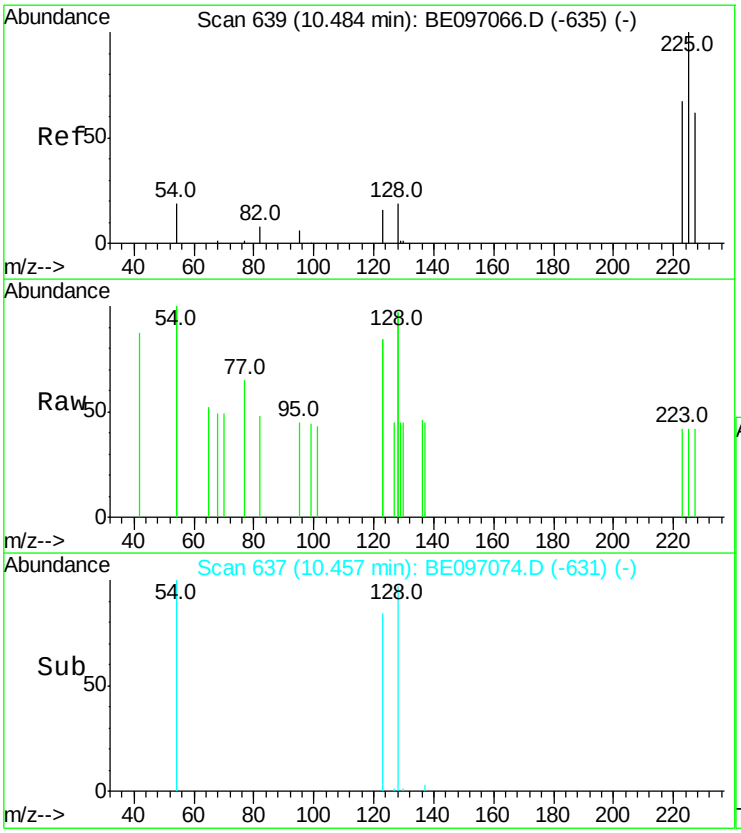
#9
Naphthalene
Concen: 0.002 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:128 Resp: 104

Ion	Ratio	Lower	Upper
128	100		
129	21.4	2.6	3.8#
127	21.0	2.8	4.2#

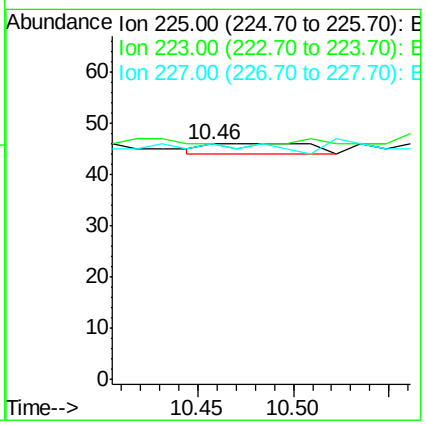


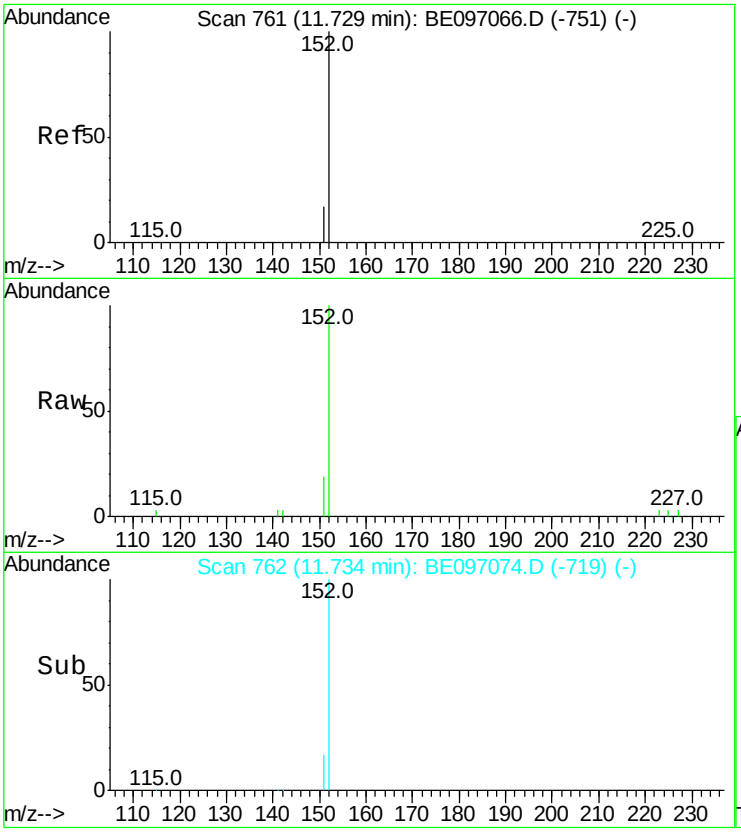


#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:225 Resp: 8

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	0.0	51.4	77.2#



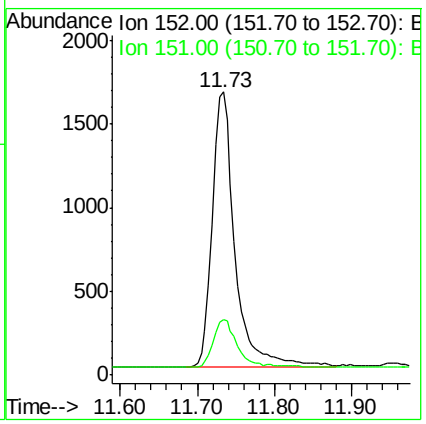


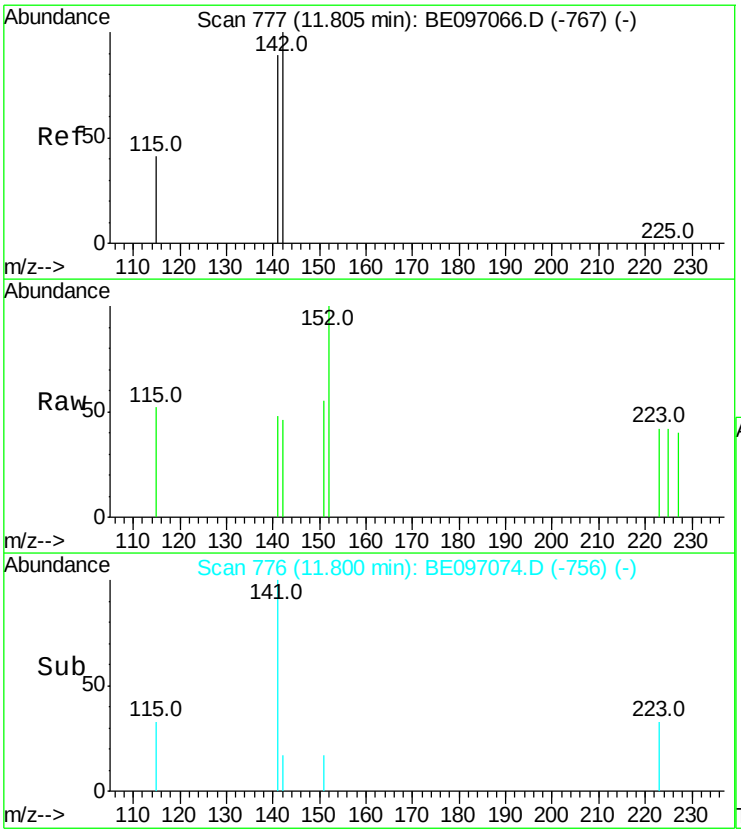
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:152 Resp: 3362

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

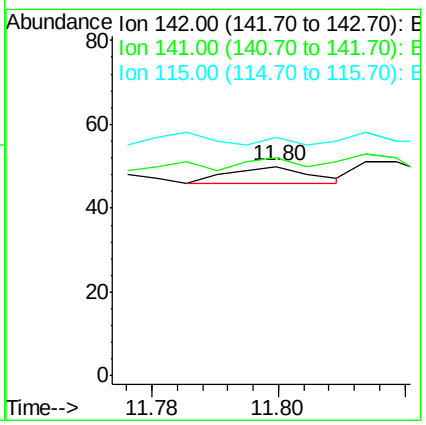


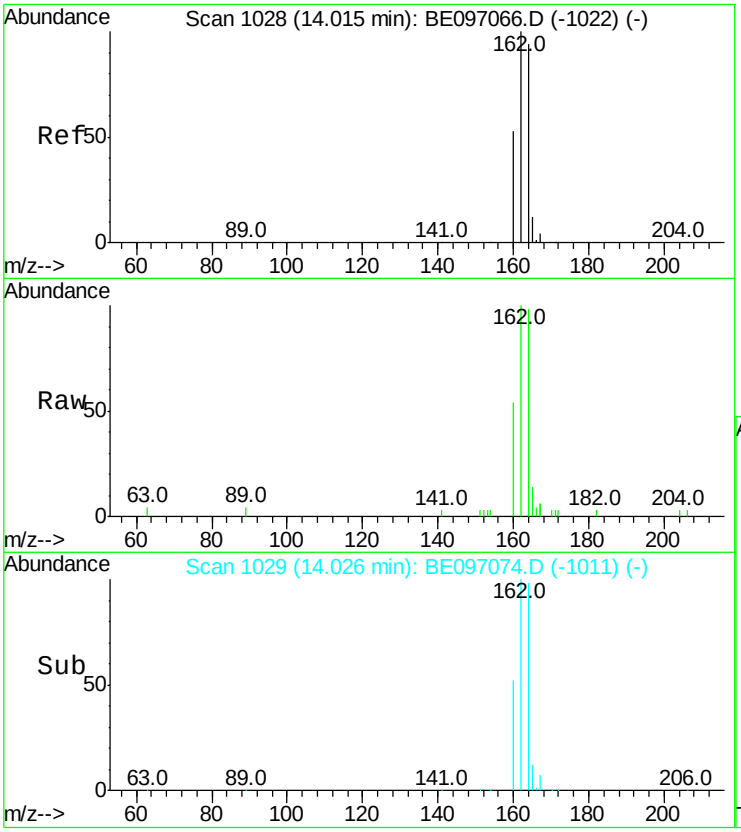


#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:142 Resp: 3

Ion	Ratio	Lower	Upper
142	100		
141	104.0	70.4	105.6
115	114.0	31.7	47.5#



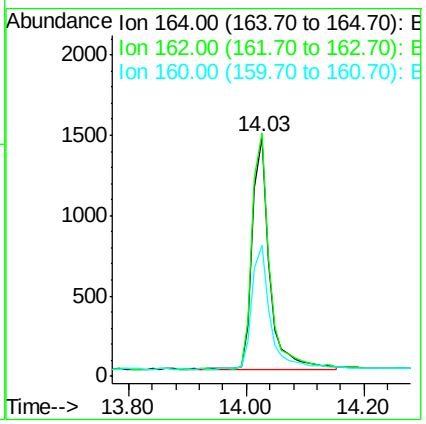


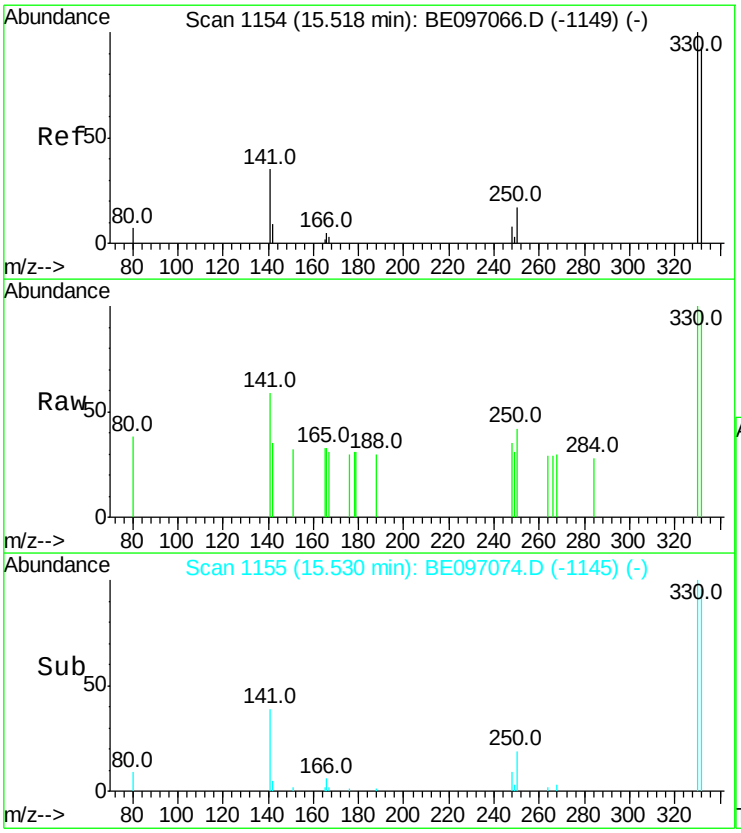
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument : BNA_E
ClientSampleId : PB111338BL

Tgt Ion:164 Resp: 2910

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.1	124.7
160	55.0	37.1	55.7

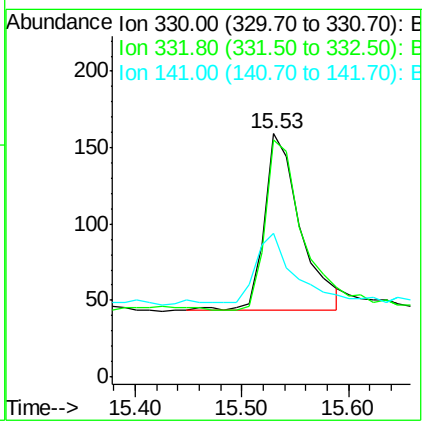


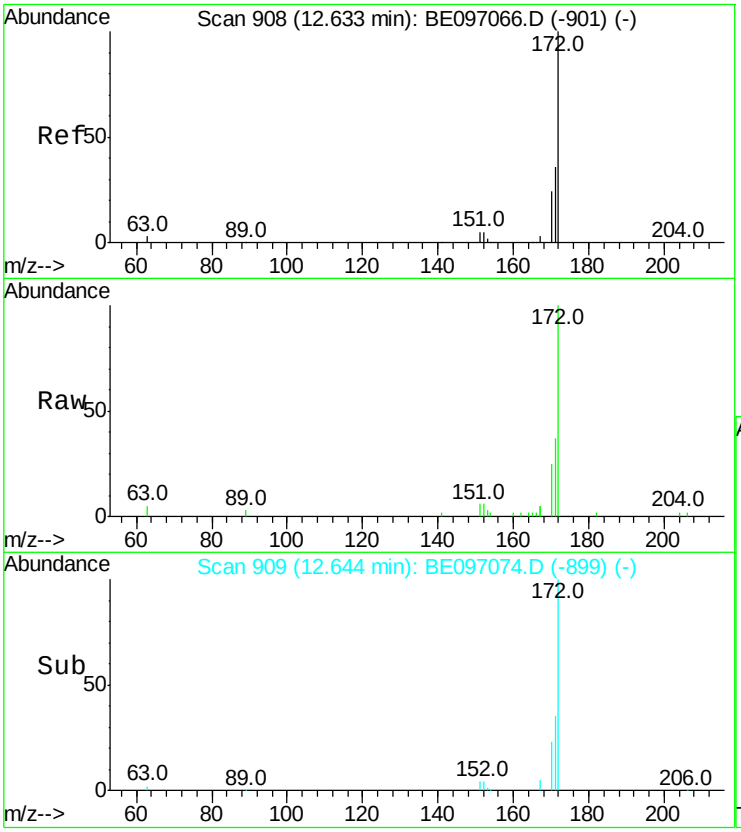


#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.53 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:330 Resp: 269

Ion	Ratio	Lower	Upper
330	100		
332	98.5	152.7	229.1#
141	39.4	33.7	50.5



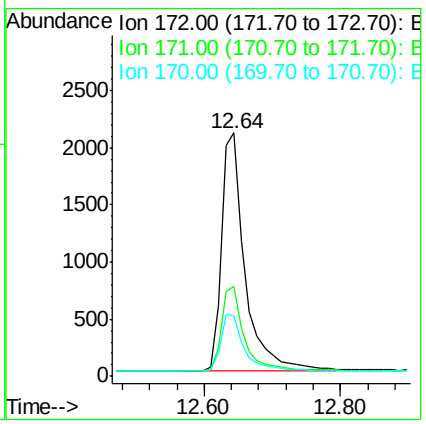


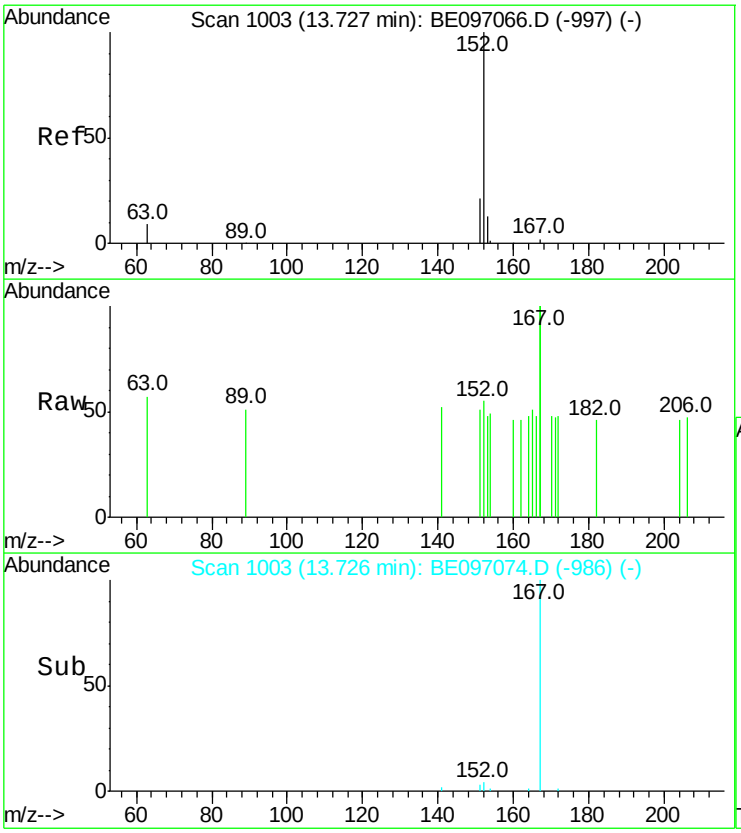
#15
2-Fluorobiphenyl
Concen: 0.503 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:172 Resp: 5052

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	25.1	21.8	32.8

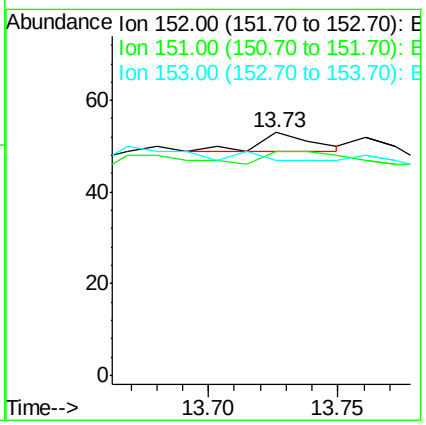


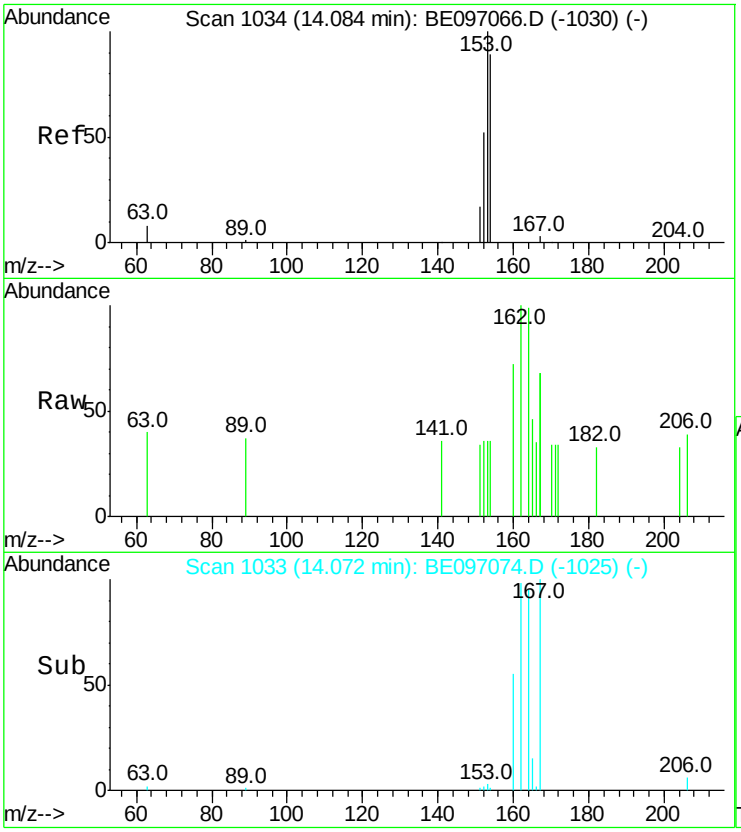


#16
Acenaphthylene
Concen: 0.000 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:152 Resp: 6

Ion	Ratio	Lower	Upper
152	100		
151	100.0	15.7	23.5#
153	0.0	10.5	15.7#



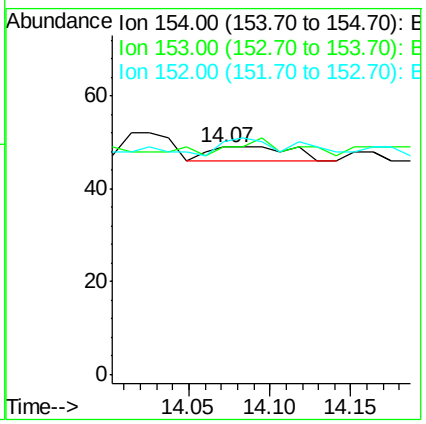


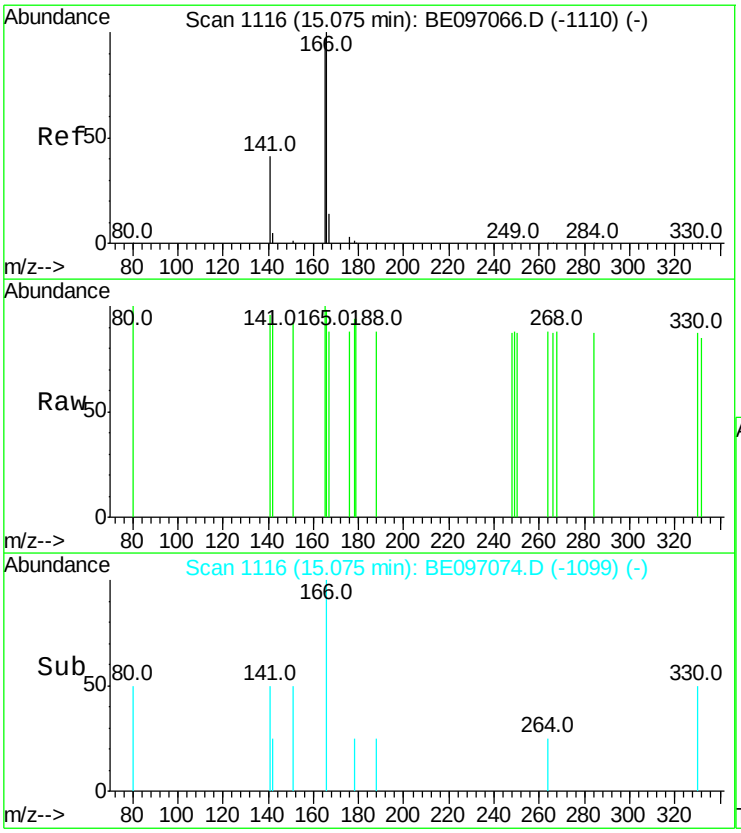
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:154 Resp: 11

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	0.0	42.0	63.0#

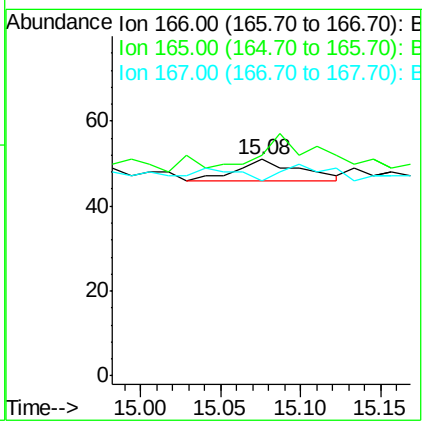


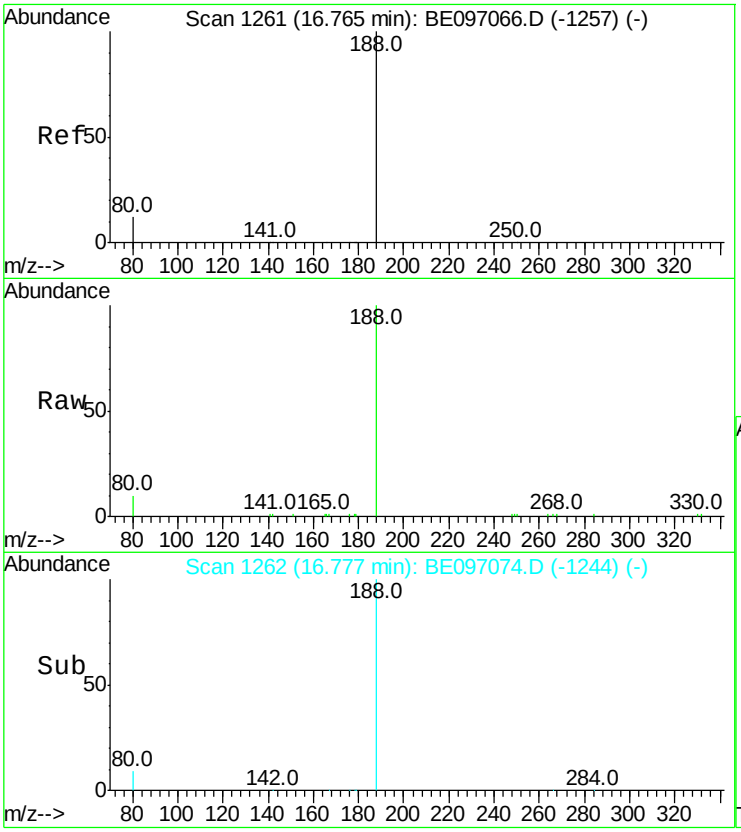


#18
Fluorene
Concen: 0.001 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:166 Resp: 13

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.6#
167	0.0	42.4	63.6#



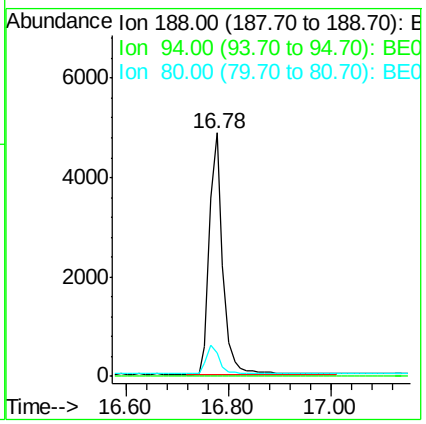


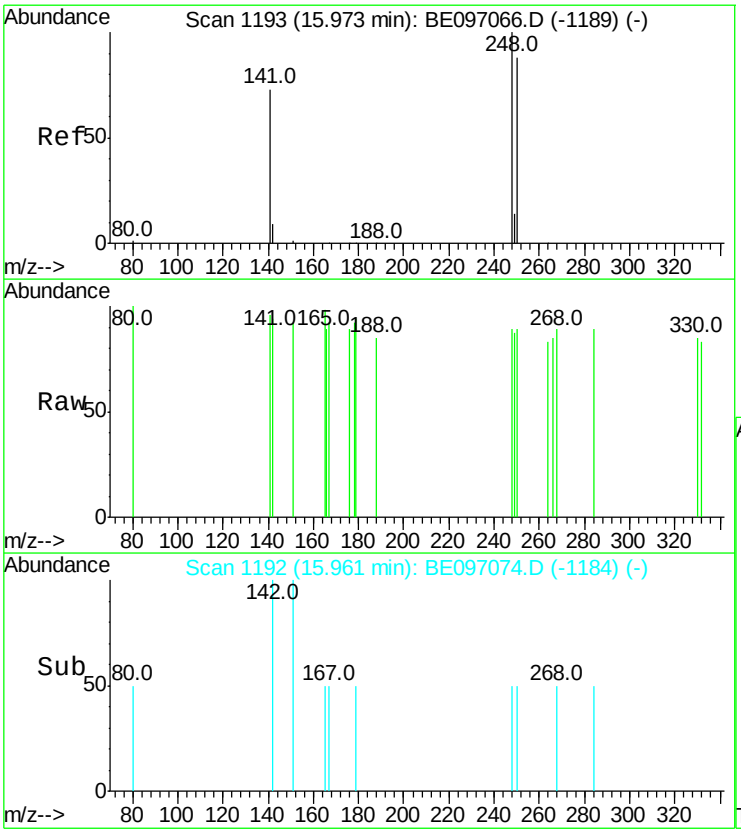
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:188 Resp: 8743

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.8	3.6	5.4#

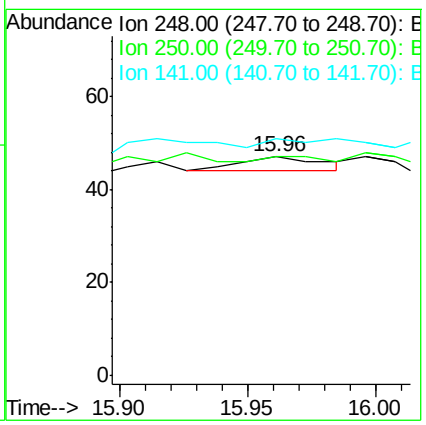


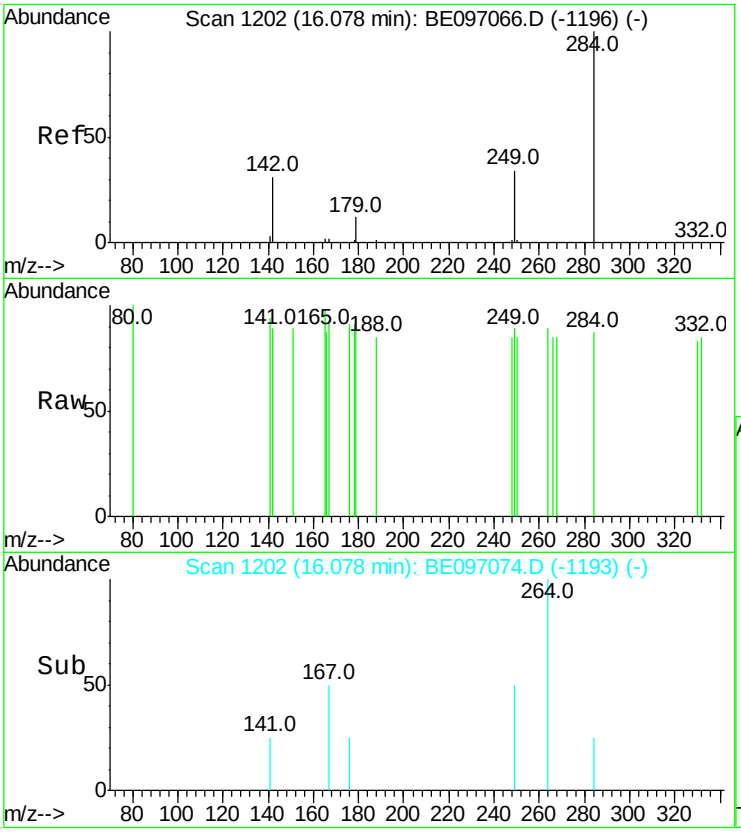


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:248 Resp: 7

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	108.5	48.2	72.2#



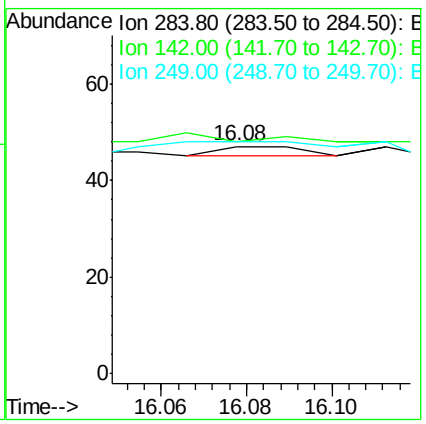


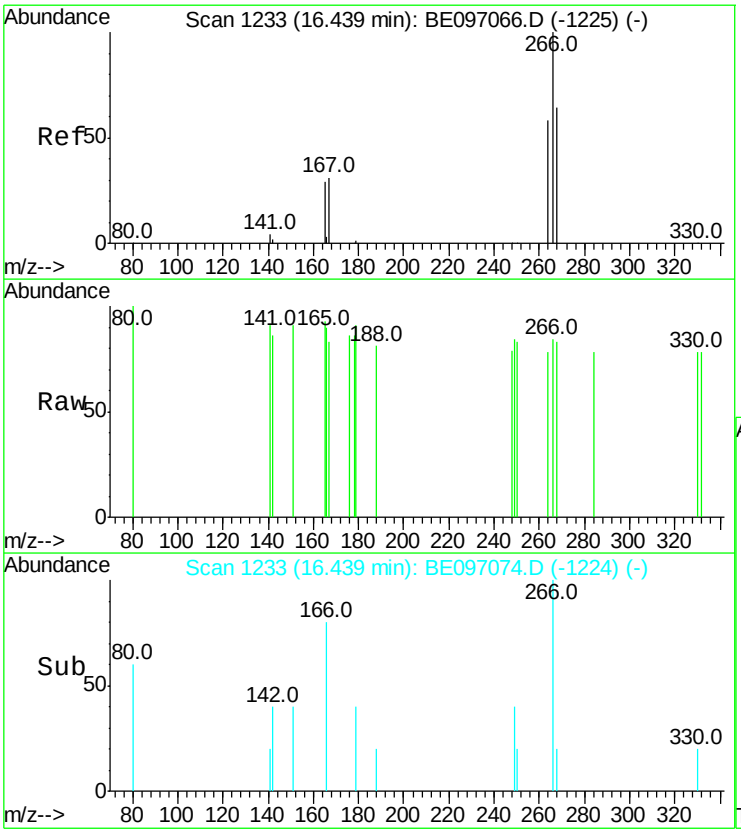
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:284 Resp: 3

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	100.0	34.8	52.2#

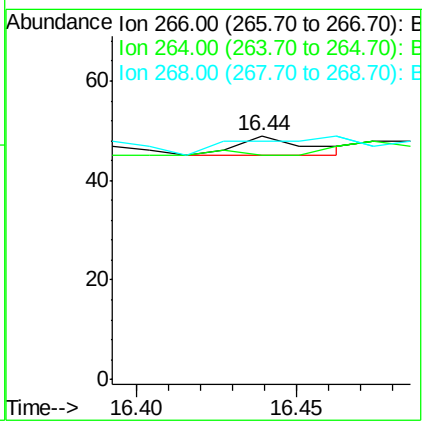


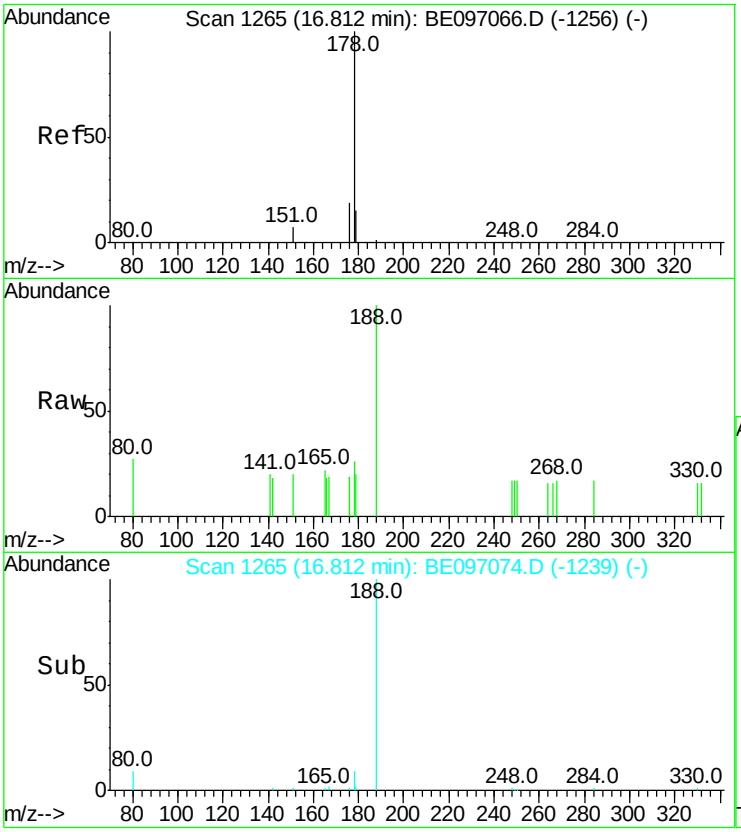


#22
Pentachlorophenol
Concen: 0.040 ng
RT: 16.44 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	91.8	72.5	108.7
268	98.0	73.8	110.6



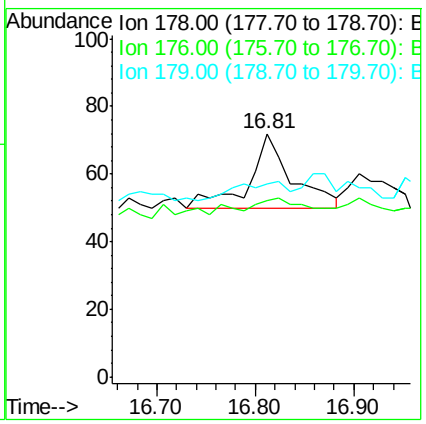


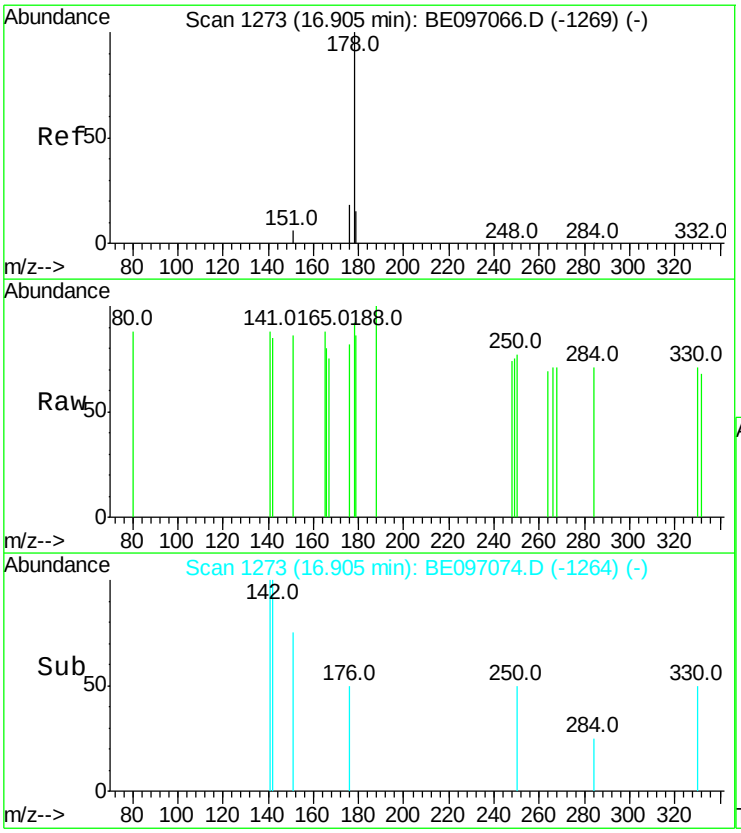
#23
Phenanthrene
Concen: 0.003 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:178 Resp: 66

Ion	Ratio	Lower	Upper
178	100		
176	25.8	15.1	22.7#
179	31.8	11.8	17.6#

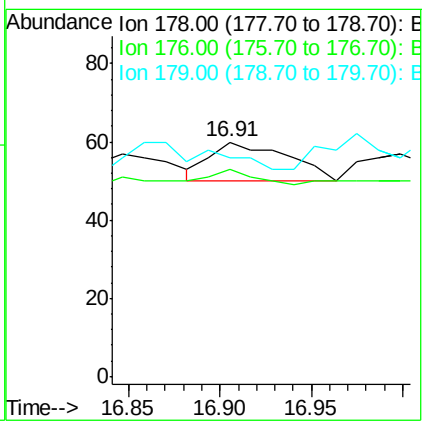


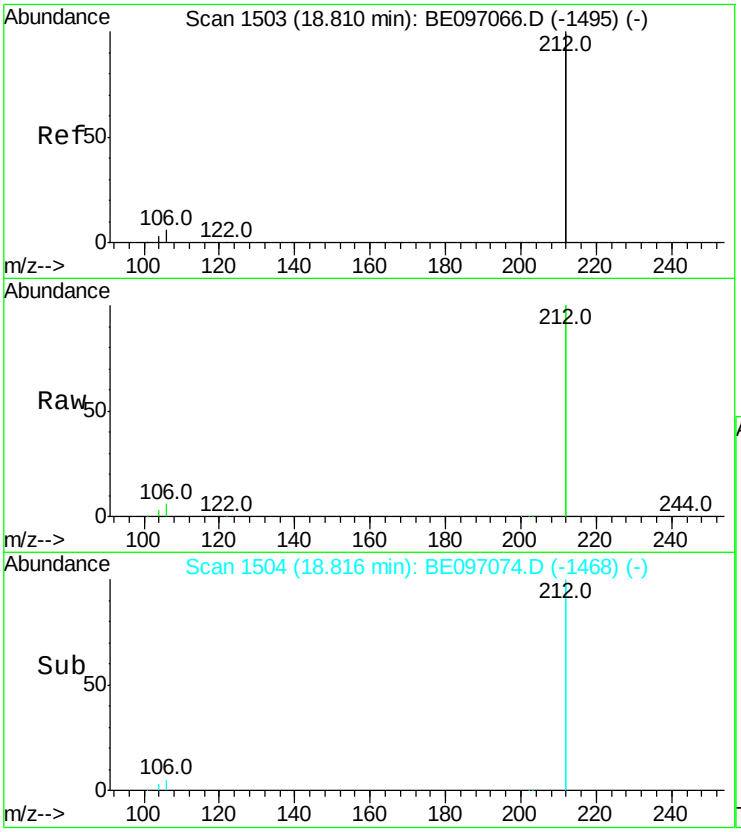


#24
Anthracene
Concen: 0.002 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:178 Resp: 29

Ion	Ratio	Lower	Upper
178	100		
176	20.7	12.8	19.2#
179	0.0	13.0	19.6#



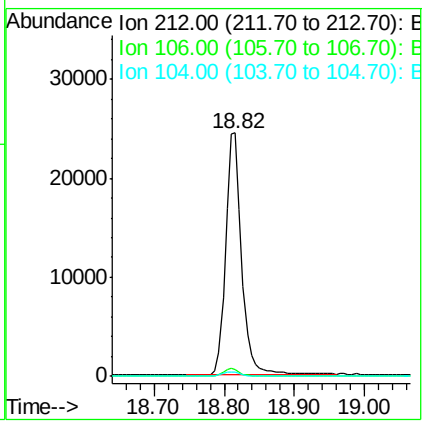


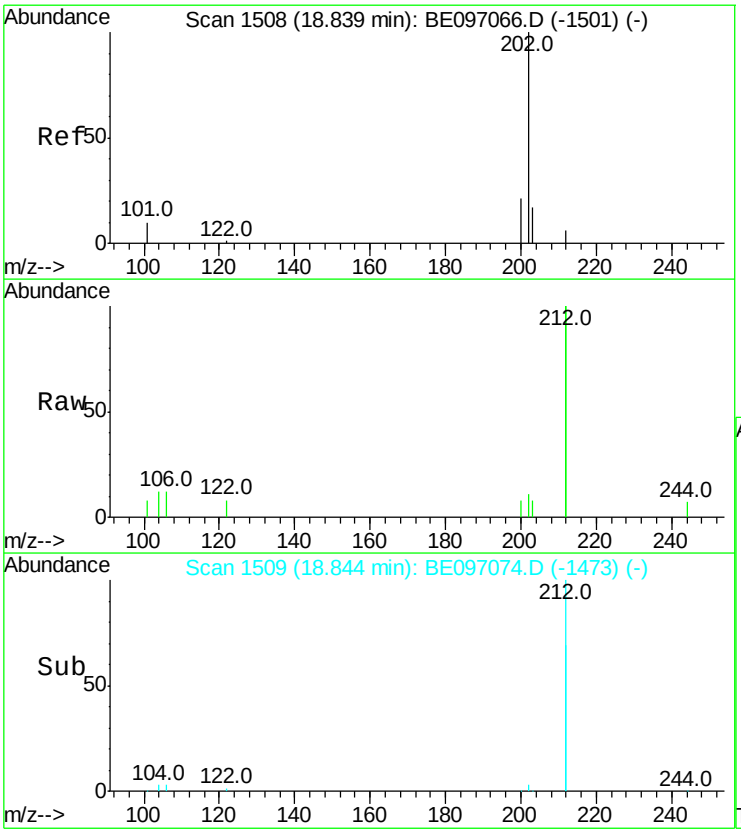
#25
Fluoranthene-d10
Concen: 0.442 ng
RT: 18.82 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:212 Resp: 38700

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

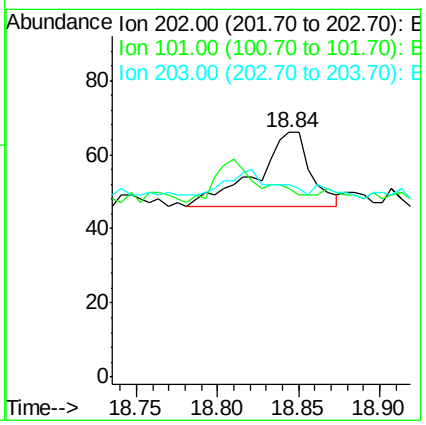


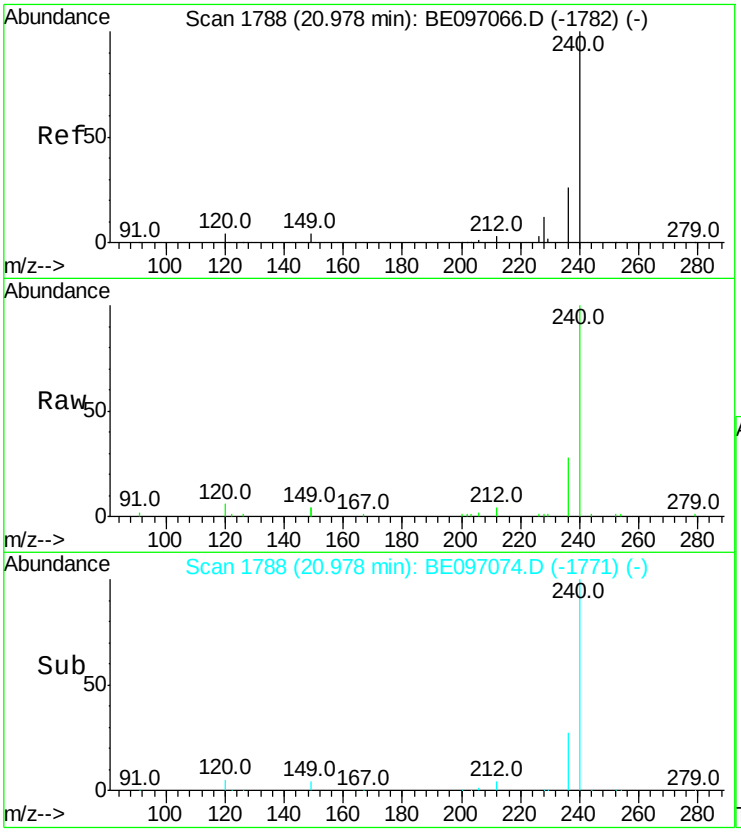


#26
Fluoranthene
Concen: 0.002 ng
RT: 18.84 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:202 Resp: 47

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	0.0	13.7	20.5#



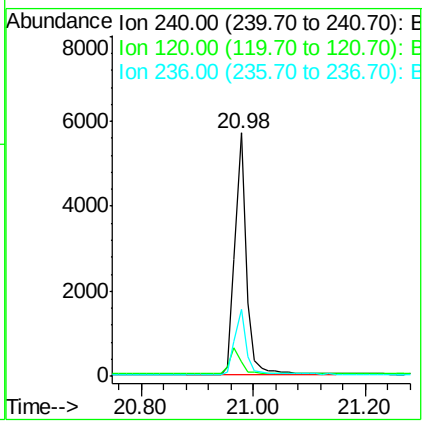


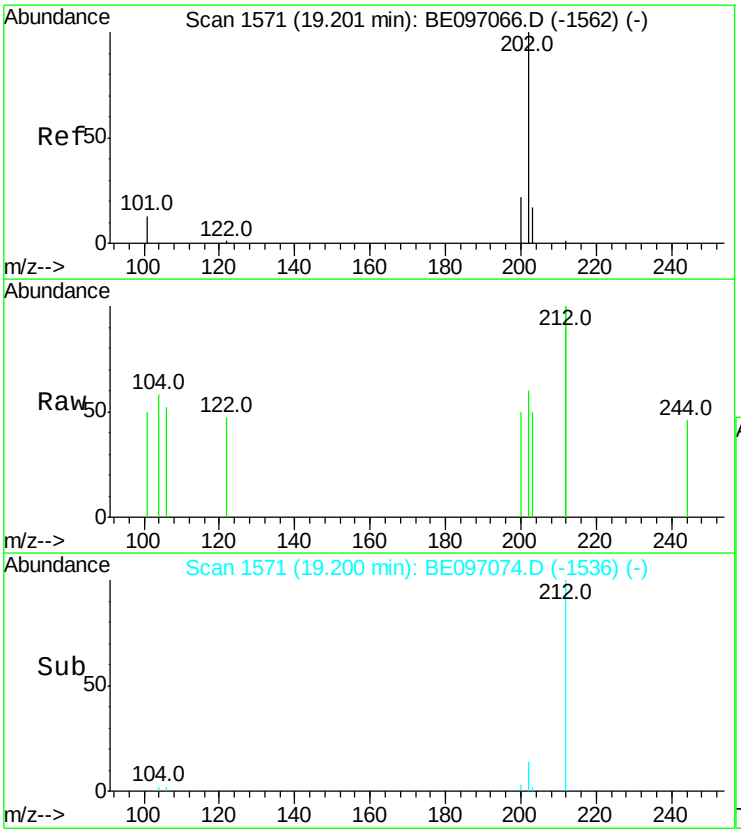
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:240 Resp: 8085

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.5	8.3
236	27.6	20.7	31.1

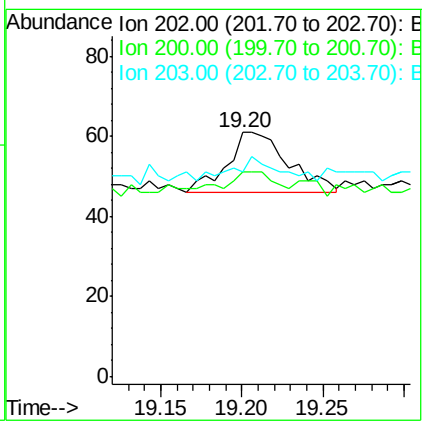


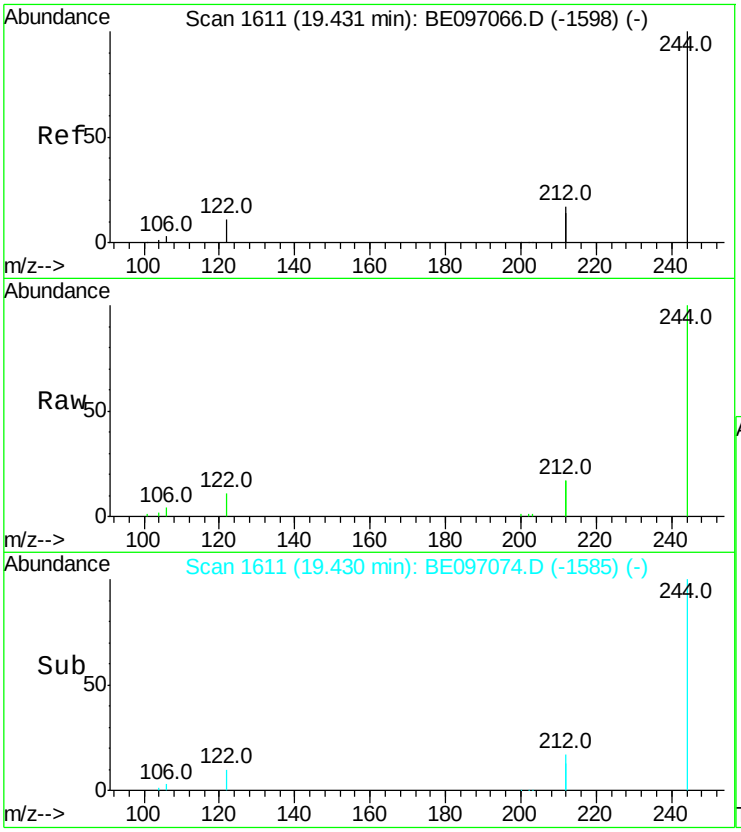


#28
Pyrene
Concen: 0.002 ng
RT: 19.20 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:202 Resp: 39

Ion	Ratio	Lower	Upper
202	100		
200	30.8	16.6	25.0#
203	25.6	13.8	20.8#



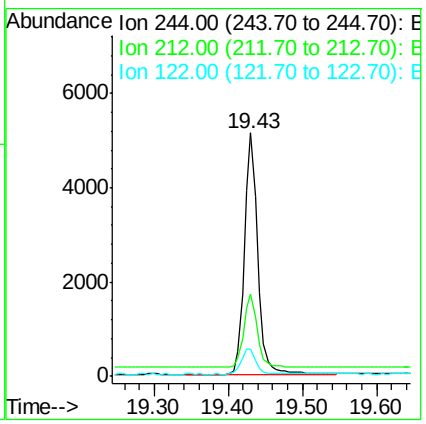


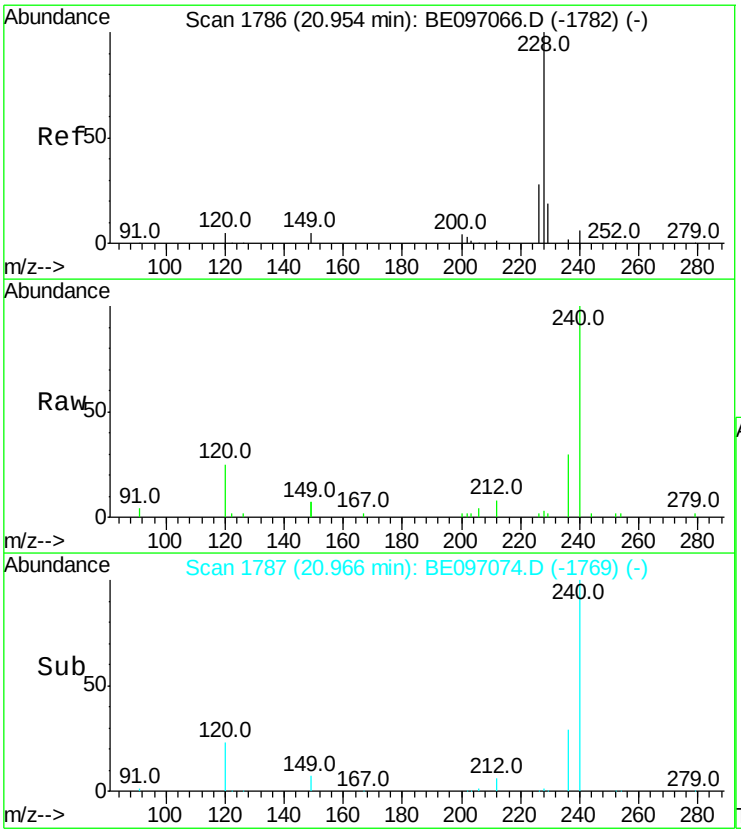
#29
Terphenyl-d14
Concen: 0.409 ng
RT: 19.43 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:244 Resp: 6350

Ion	Ratio	Lower	Upper
244	100		
212	33.8	25.4	38.0
122	11.2	8.1	12.1

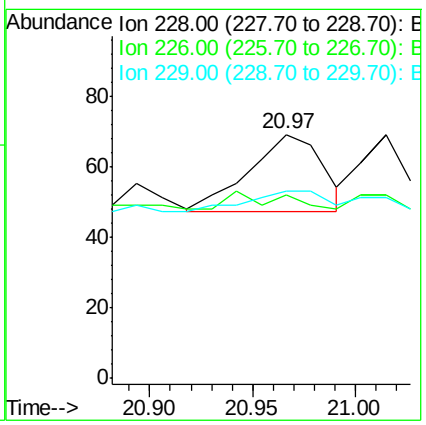


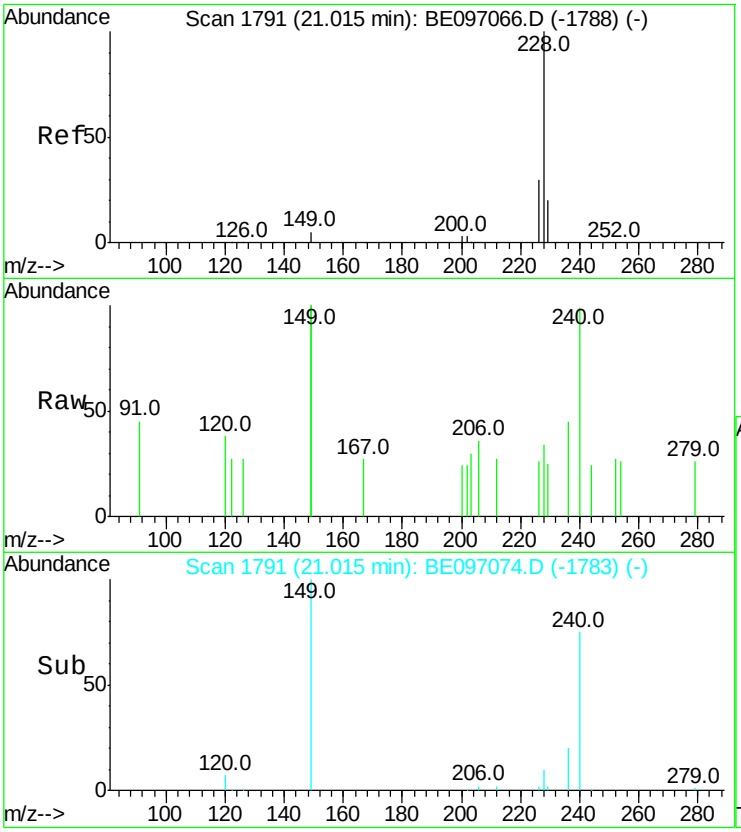


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:228 Resp: 55

Ion	Ratio	Lower	Upper
228	100		
226	75.4	24.0	36.0#
229	76.8	16.0	24.0#



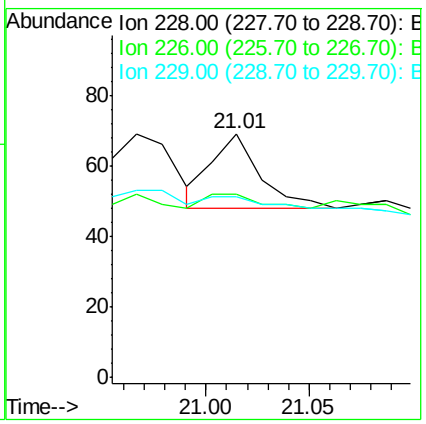


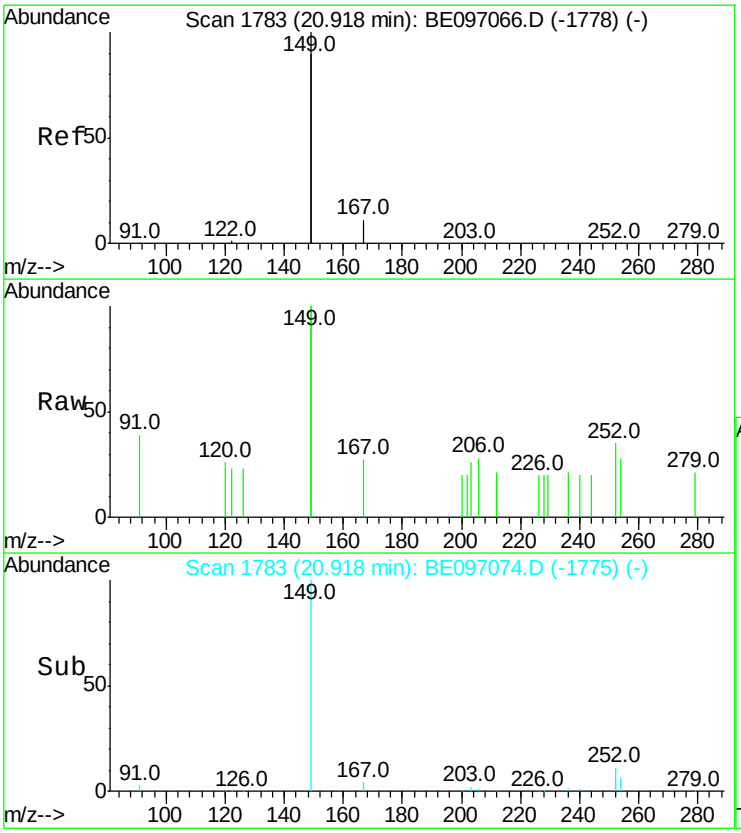
#31
Chrysene
Concen: 0.002 ng
RT: 21.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:228 Resp: 34

Ion	Ratio	Lower	Upper
228	100		
226	75.4	24.0	36.0#
229	73.9	16.0	24.0#

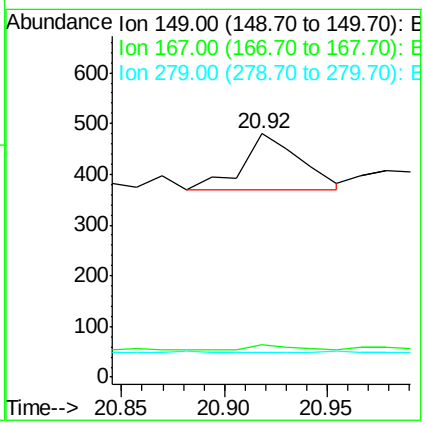


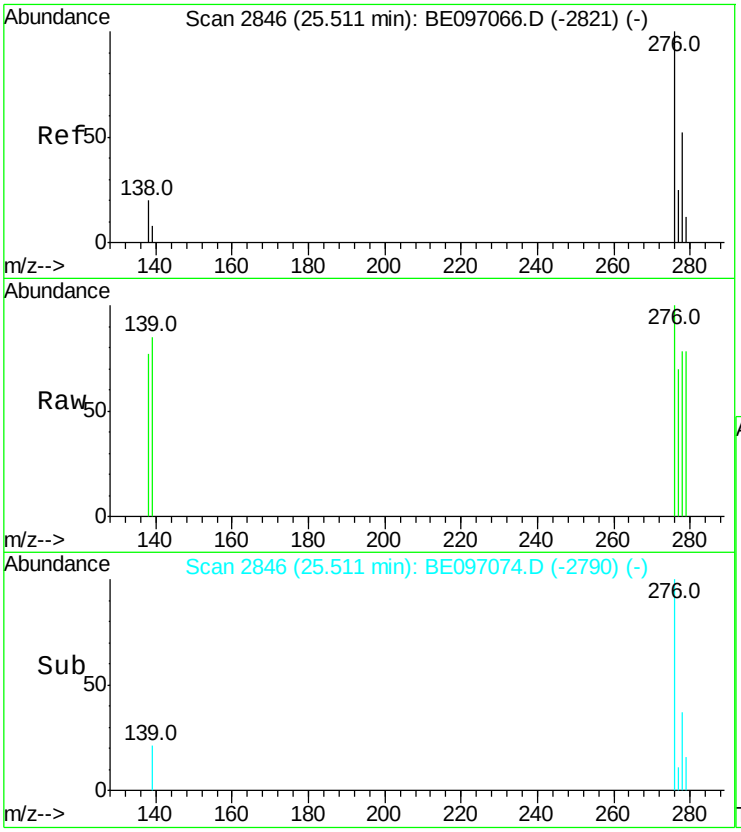


#32
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:149 Resp: 212

Ion	Ratio	Lower	Upper
149	100		
167	8.5	5.4	8.0#
279	0.0	0.7	1.1#



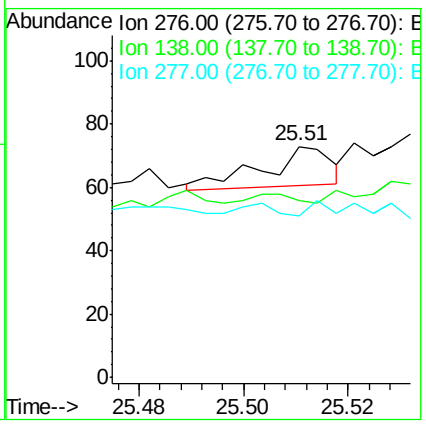


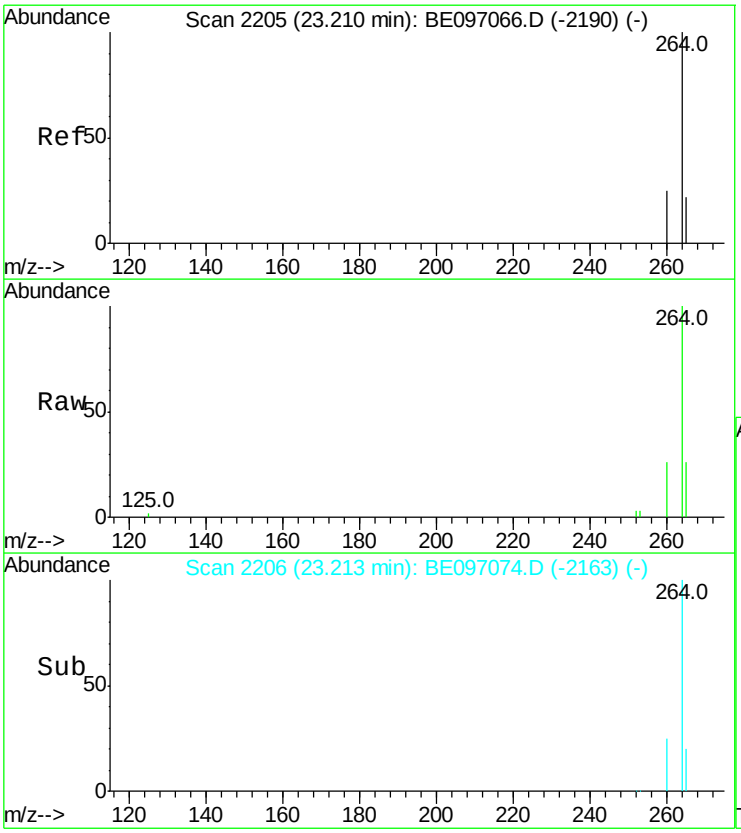
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.51 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:276 Resp: 11

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	18.2	19.9	29.9#

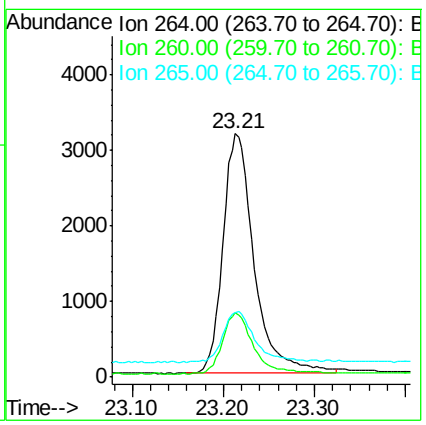


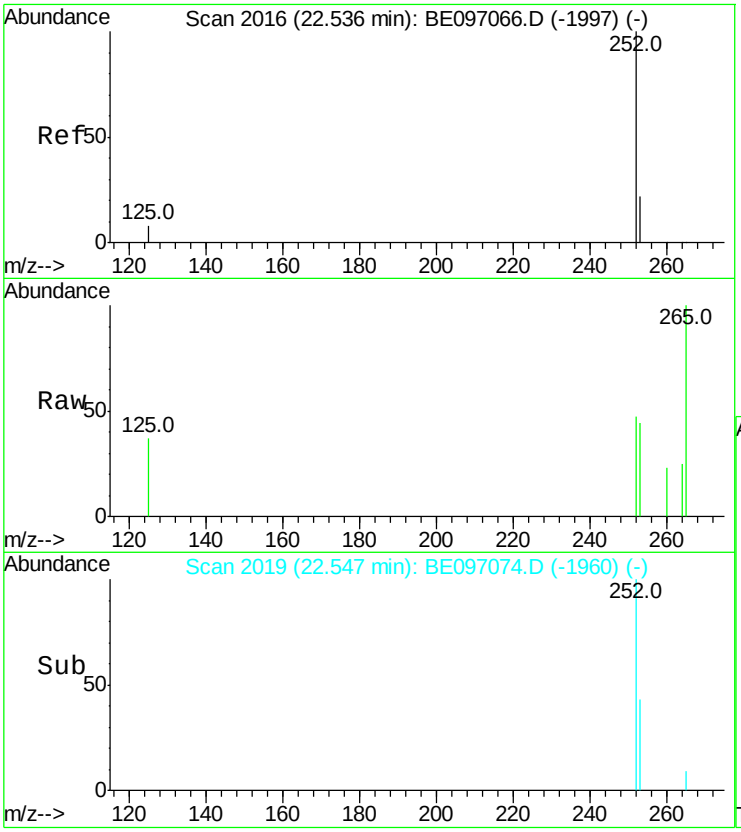


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:264 Resp: 7607

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	26.4	22.8	34.2



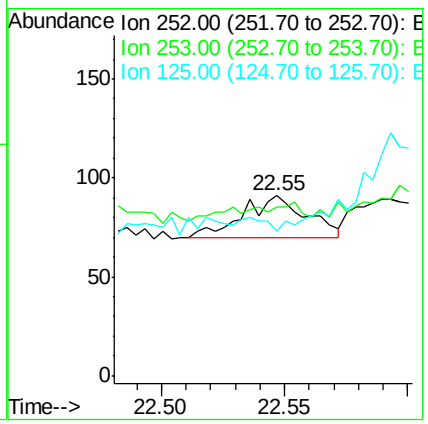


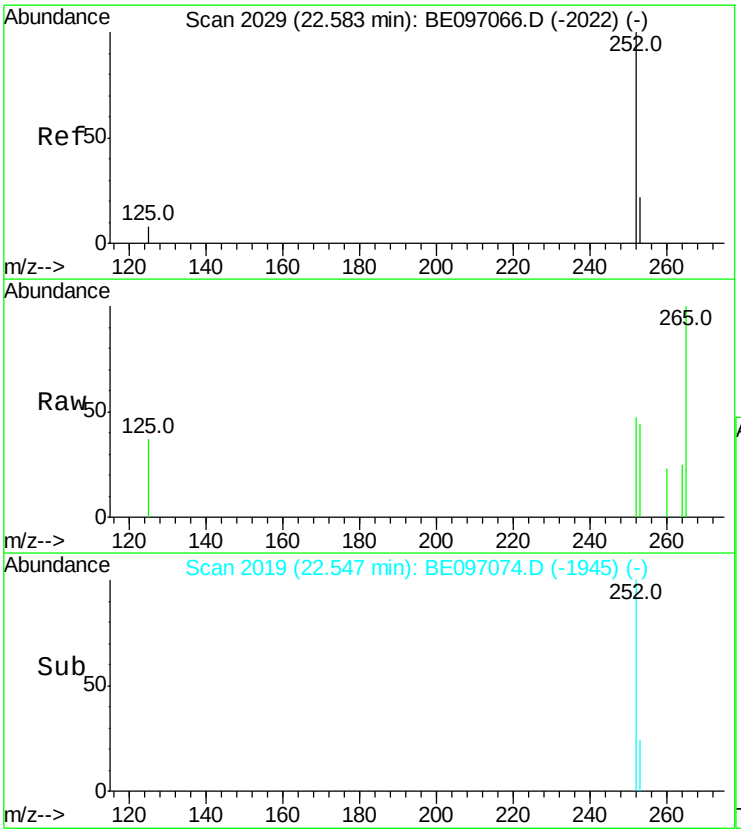
#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.55 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:252 Resp: 37

Ion	Ratio	Lower	Upper
252	100		
253	93.4	20.0	30.0#
125	80.2	16.0	24.0#

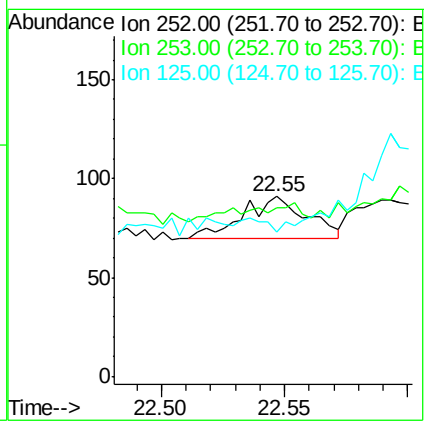


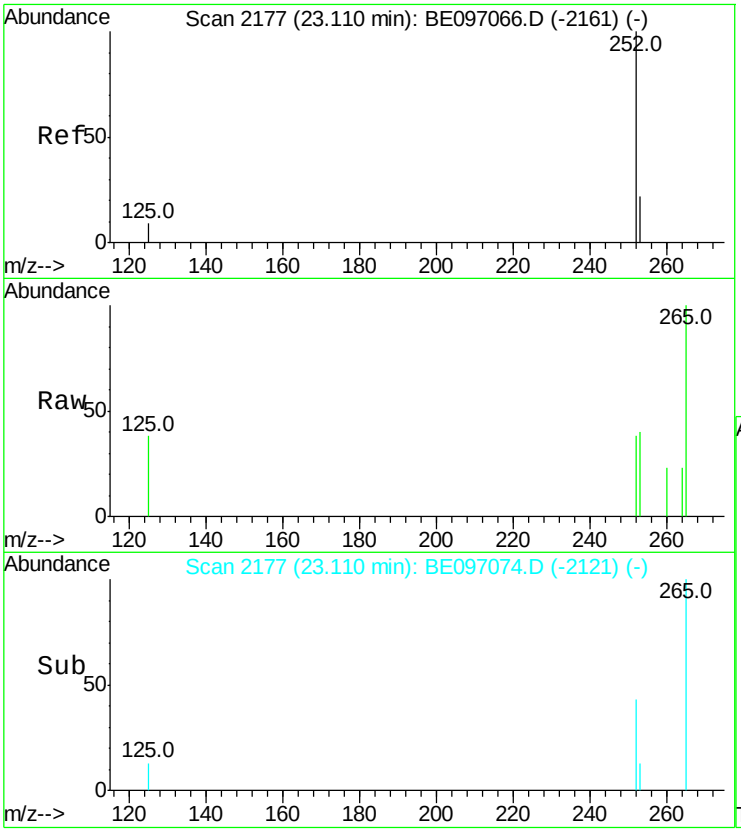


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.55 min Scan# 2019
Delta R.T. -0.04 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:252 Resp: 37

Ion	Ratio	Lower	Upper
252	100		
253	93.4	16.0	24.0#
125	80.2	8.0	12.0#



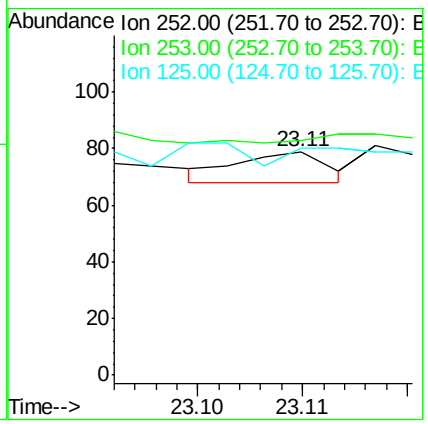


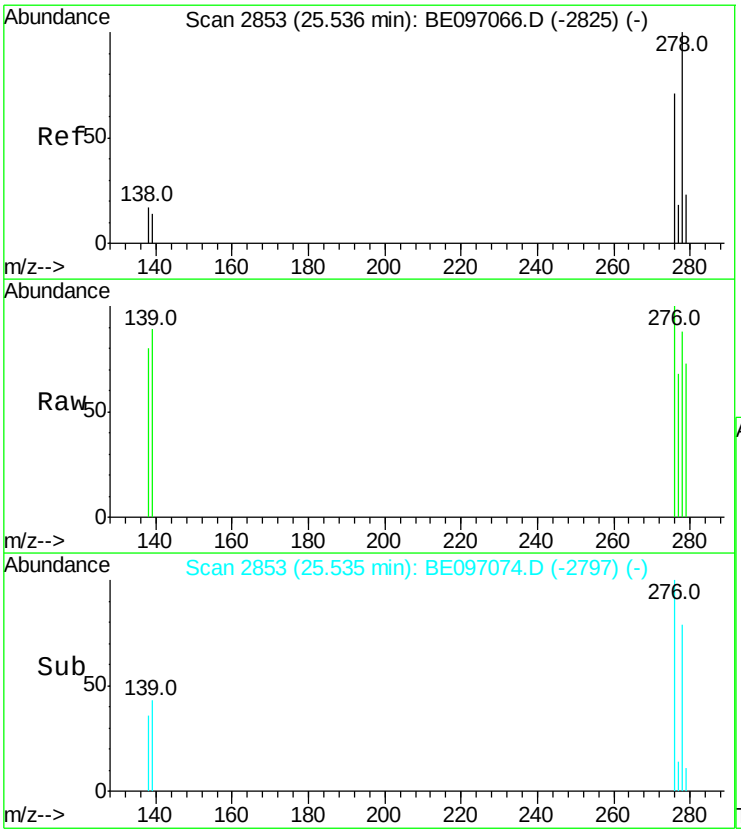
#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.11 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	105.1	16.0	24.0#
125	101.3	12.0	18.0#

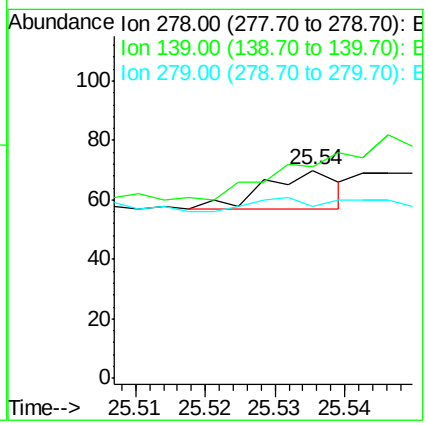


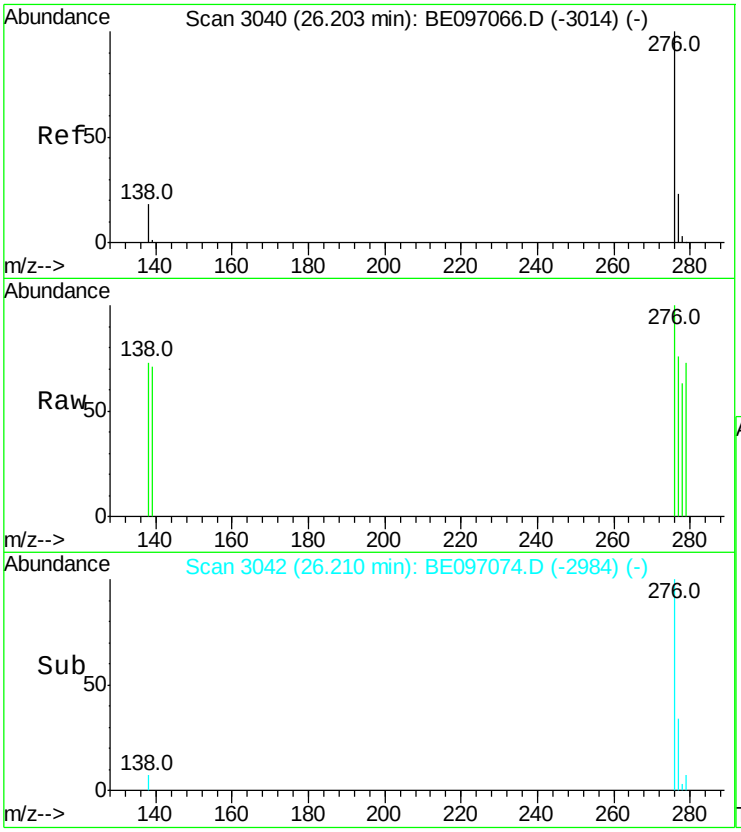


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.54 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Tgt Ion:278 Resp: 9

Ion	Ratio	Lower	Upper
278	100		
139	101.4	16.0	24.0#
279	82.9	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.21 min Scan# 3042
Delta R.T. 0.01 min
Lab File: BE097074.D
Acq: 24 Jul 2018 16:34

Instrument :
BNA_E
ClientSampleId :
PB111338BL

Tgt Ion:276 Resp: 19

Ion	Ratio	Lower	Upper
276	100		
277	75.6	16.0	24.0#
138	73.1	20.0	30.0#