Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097084.D
Acq On : 24 Jul 2018 22:50
Operator : SJ/JU
Sample : J4073-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 25 00:39:09 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	1410	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6675	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4164	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	12288	0.40	ng		0.00
27) Chrysene-d12	20.97	240	11542	0.40	ng		-0.01
34) Perylene-d12	23.21	264	10770	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	937	0.24	ng		0.00
5) Phenol-d6	6.60	99	798	0.14	ng		0.00
8) Nitrobenzene-d5	8.52	82	3179	0.55	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	5014	0.50	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	756	0.55	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	9026	0.63	ng		0.00
25) Fluoranthene-d10	18.81	212	71822	0.58	ng		0.00
29) Terphenyl-d14	19.42	244	14898	0.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	8093	3.612	ng	#	89
3) n-Nitrosodimethylamine	3.38	42	95	0.038	ng	#	14
6) bis(2-Chloroethyl)ether	6.84	93	159	0.030	ng		81
9) Naphthalene	10.20	128	1564	0.026	ng	#	88
10) Hexachlorobutadiene	10.46	225	1	0.000	ng	#	1
12) 2-Methylnaphthalene	11.81	142	161	0.016	ng	#	79
16) Acenaphthylene	13.74	152	12	0.001	ng	#	1
17) Acenaphthene	14.08	154	26	0.002	ng	#	86
18) Fluorene	15.07	166	69	0.005	ng	#	89
20) 4-Bromophenyl-phenylether	15.97	248	8	0.001	ng	#	34
21) Hexachlorobenzene	16.08	284	7	0.001	ng	#	23
22) Pentachlorophenol	16.44	266	3	0.036	ng		94
23) Phenanthrene	16.81	178	265	0.009	ng	#	92
24) Anthracene	16.90	178	18	0.001	ng	#	1
26) Fluoranthene	18.84	202	108	0.003	ng	#	90
28) Pyrene	19.20	202	91	0.003	ng	#	67
30) Benzo(a)anthracene	20.97	228	68	0.002	ng	#	1
31) Chrysene	21.00	228	54	0.002	ng	#	1
32) Bis(2-ethylhexyl)phthalate	20.92	149	3821	0.123	ng		99
33) Indeno(1,2,3-cd)pyrene	25.50	276	1	0.000	ng	#	1
35) Benzo(b)fluoranthene	22.54	252	63	0.002	ng	#	1
36) Benzo(k)fluoranthene	22.59	252	58	0.002	ng	#	1
37) Benzo(a)pyrene	23.11	252	4	0.000	ng	#	1
38) Dibenzo(a,h)anthracene	25.54	278	4	0.000	ng	#	1
39) Benzo(g,h,i)perylene	26.20	276	6	0.000	ng	#	1

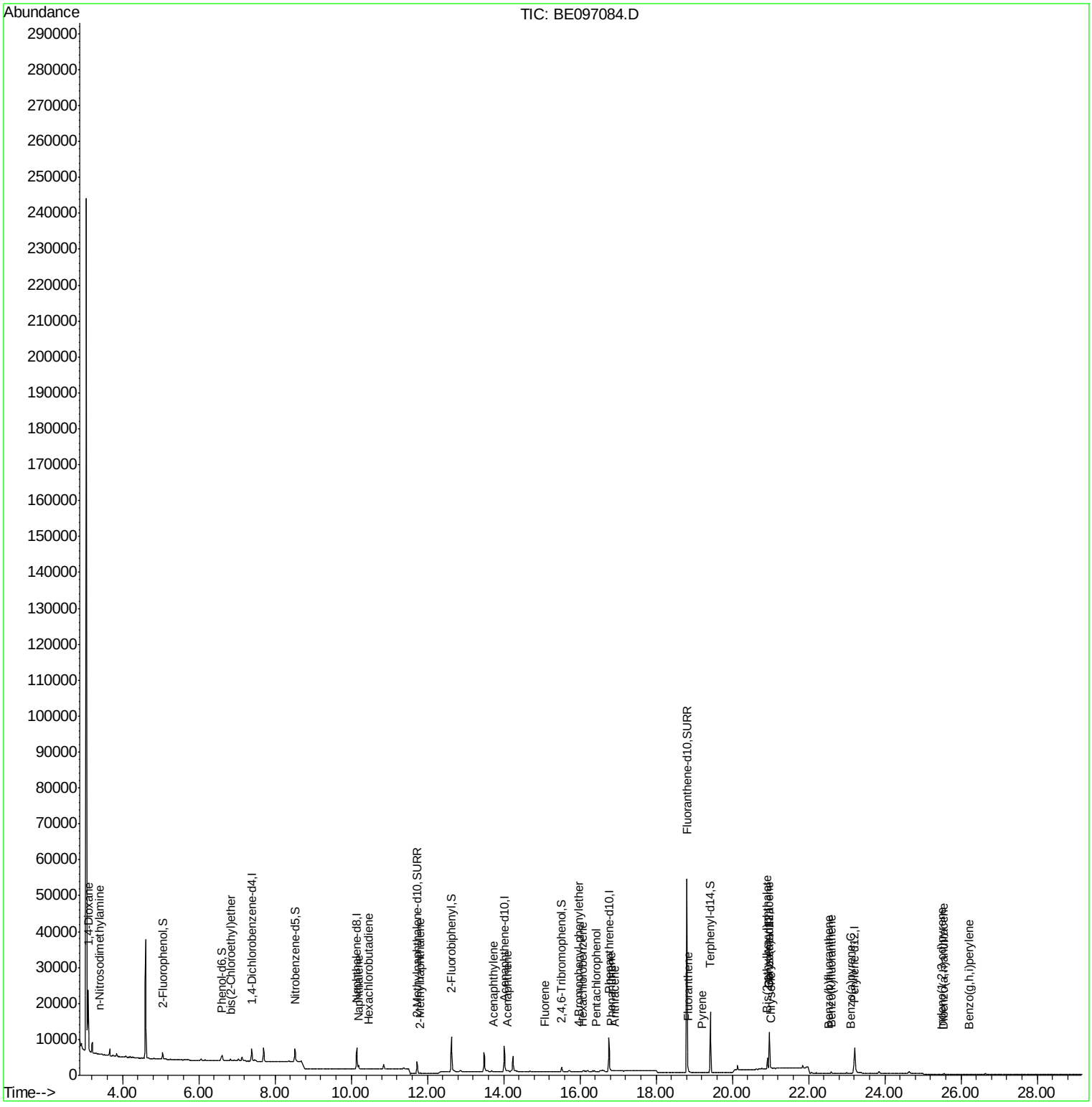
(#) = qualifier out of range (m) = manual integration (+) = signals summed

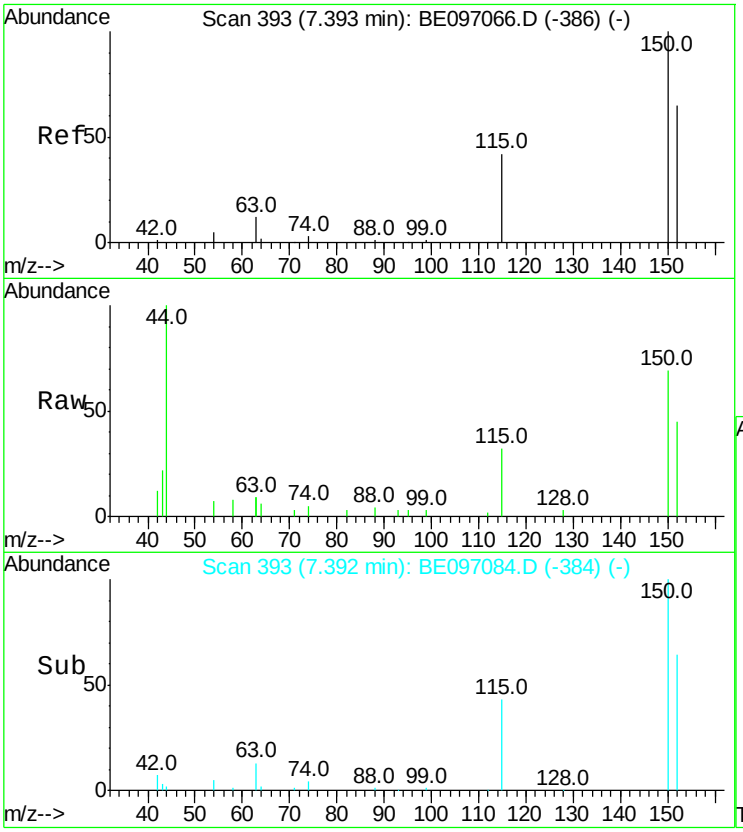
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097084.D
Acq On : 24 Jul 2018 22:50
Operator : SJ/JU
Sample : J4073-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 25 00:39:09 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



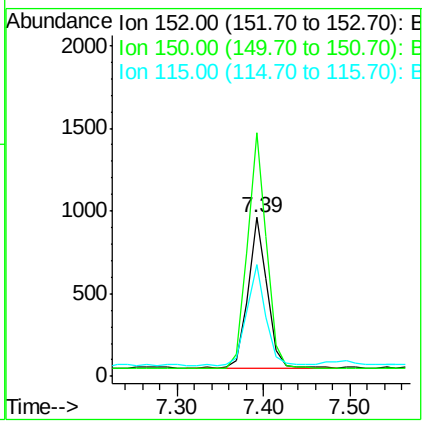


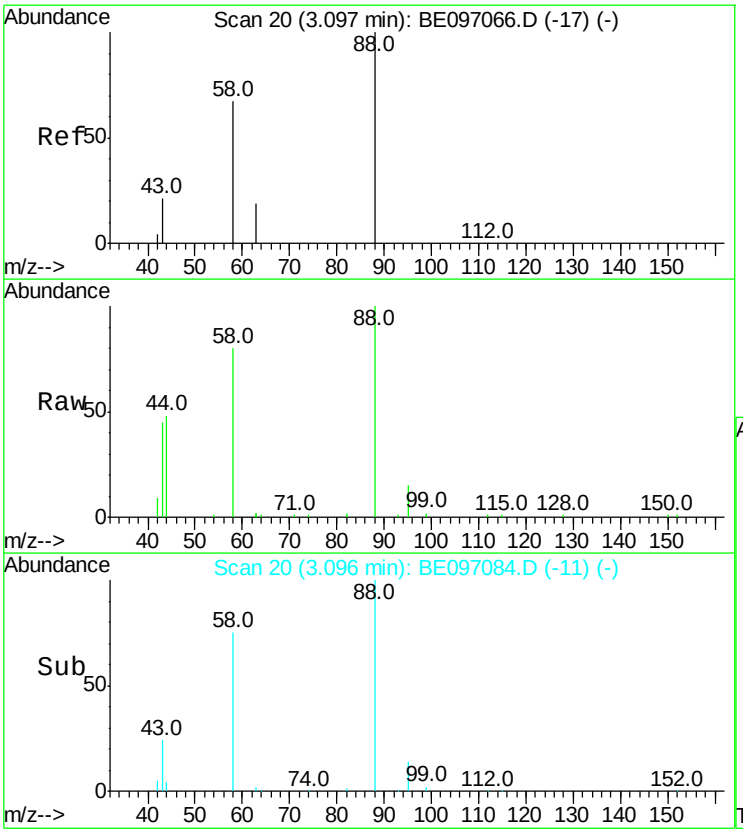
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1410

Ion	Ratio	Lower	Upper
152	100		
150	153.2	117.2	175.8
115	70.1	57.0	85.6

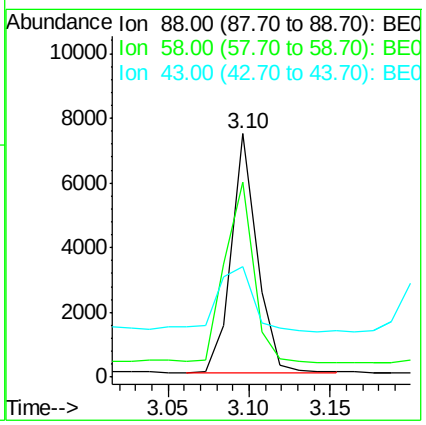


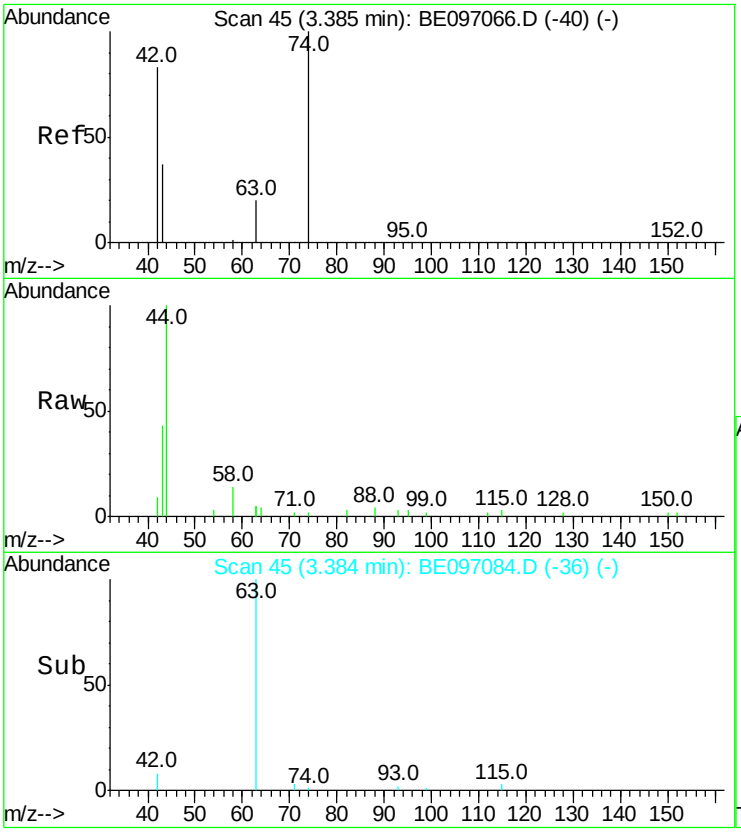


#2
1,4-Dioxane
Concen: 3.612 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion: 88 Resp: 8093

Ion	Ratio	Lower	Upper
88	100		
58	83.8	63.2	94.8
43	38.6	41.2	61.8#



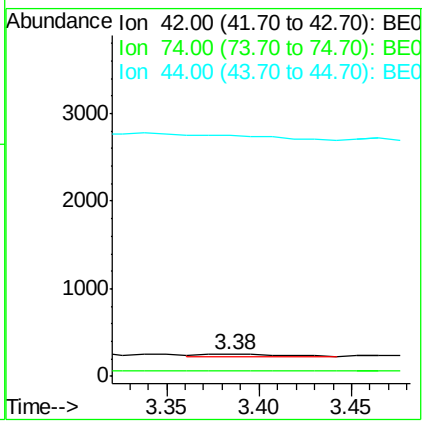


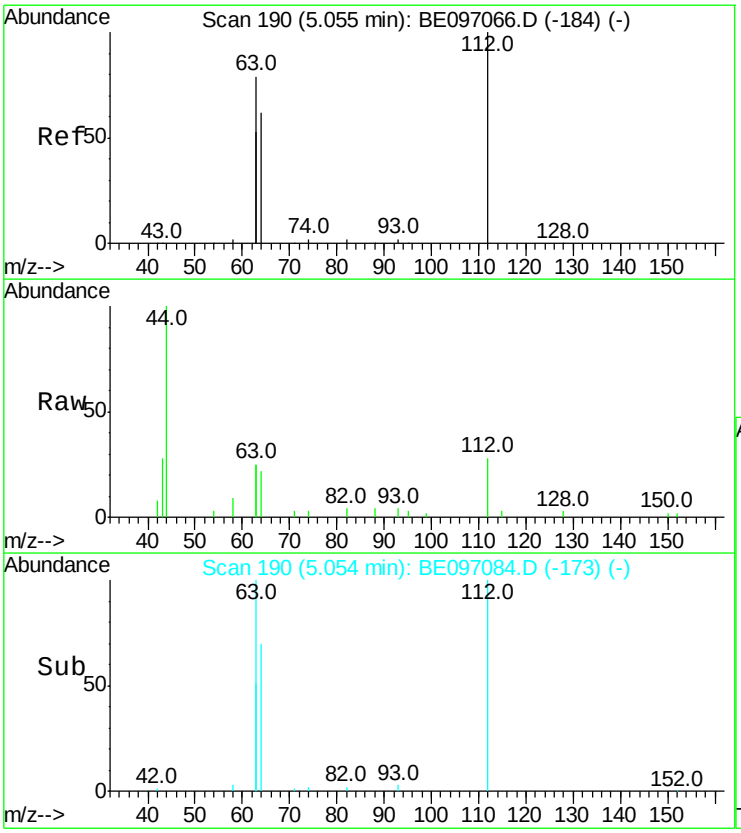
#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 95

Ion	Ratio	Lower	Upper
42	100		
74	17.9	96.0	144.0#
44	0.0	12.0	18.0#

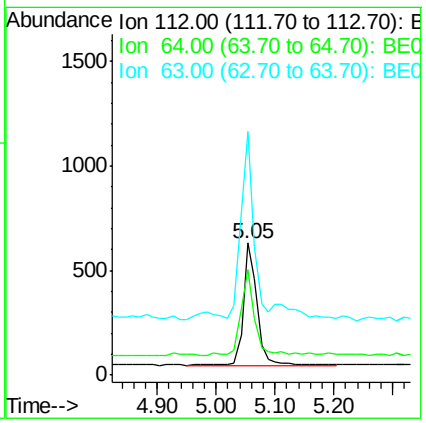


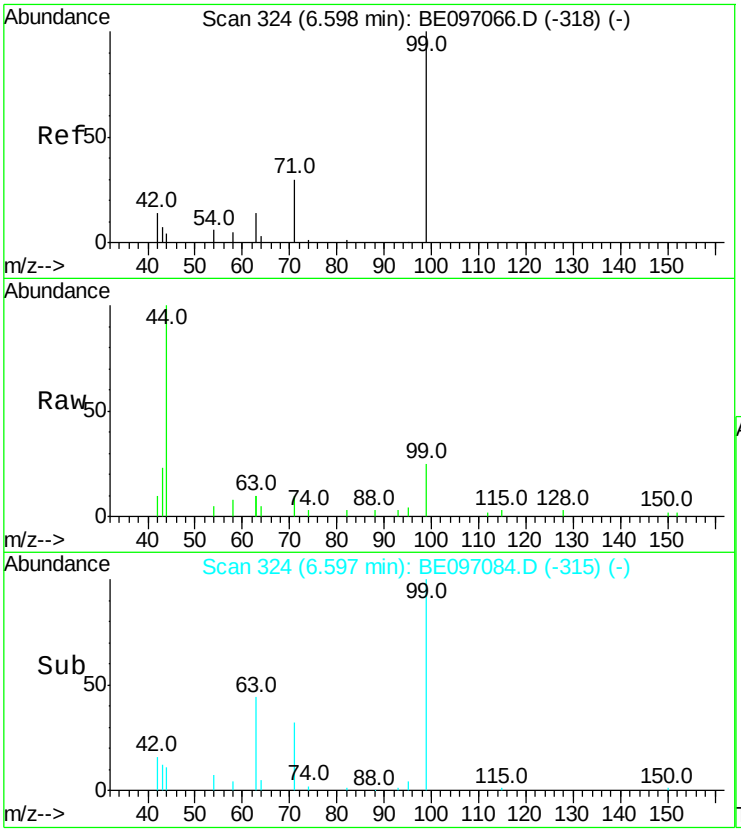


#4
2-Fluorophenol
Concen: 0.236 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:112 Resp: 937

Ion	Ratio	Lower	Upper
112	100		
64	70.4	60.1	90.1
63	142.6	116.8	175.2



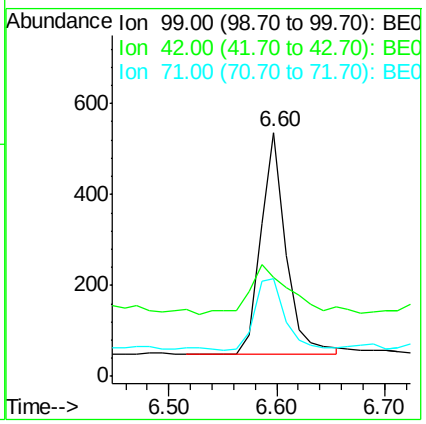


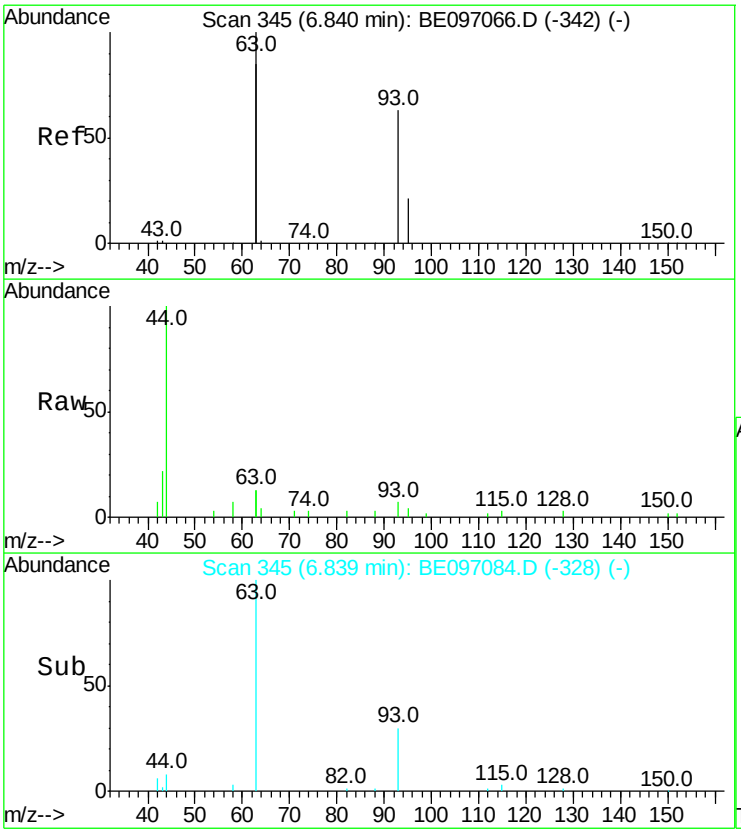
#5
Phenol-d6
Concen: 0.137 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 798

Ion	Ratio	Lower	Upper
99	100		
42	34.8	20.2	30.2#
71	38.8	28.4	42.6

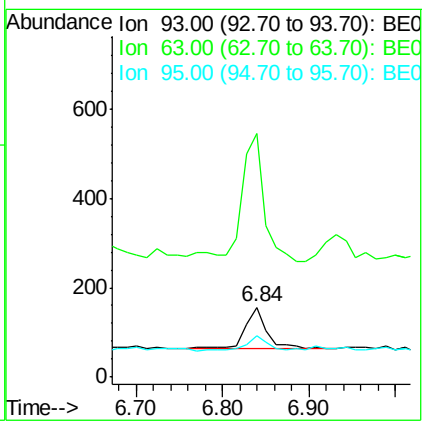


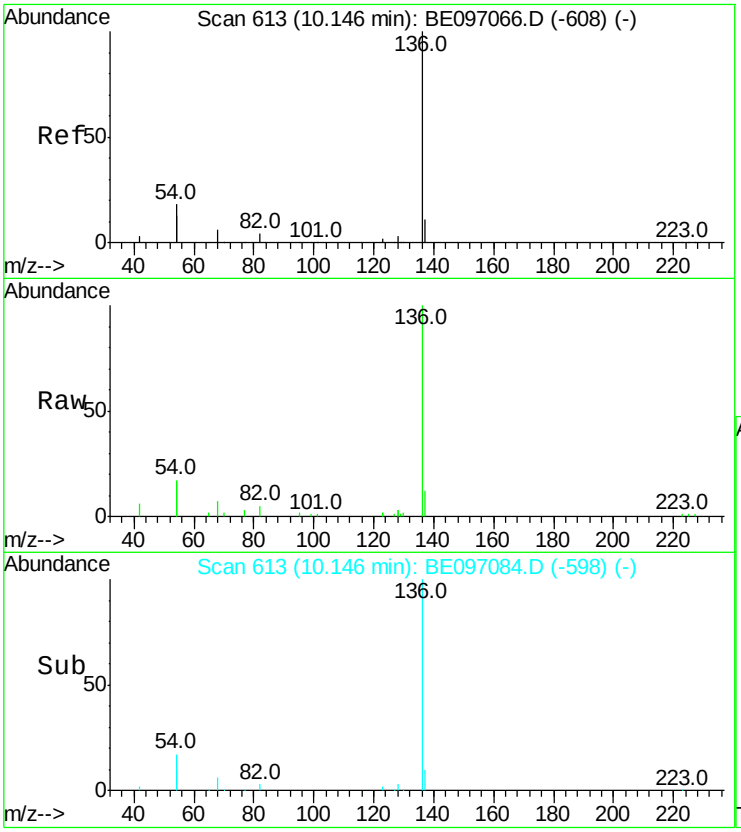


#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion: 93 Resp: 159

Ion	Ratio	Lower	Upper
93	100		
63	302.5	275.3	412.9
95	37.1	25.2	37.8



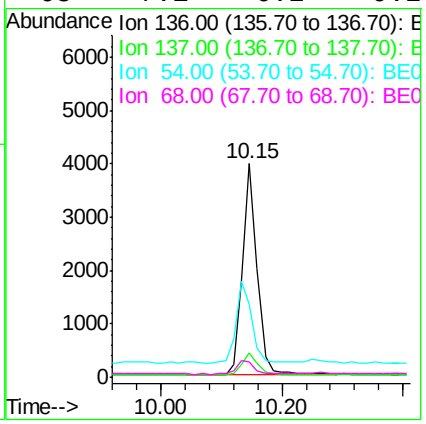


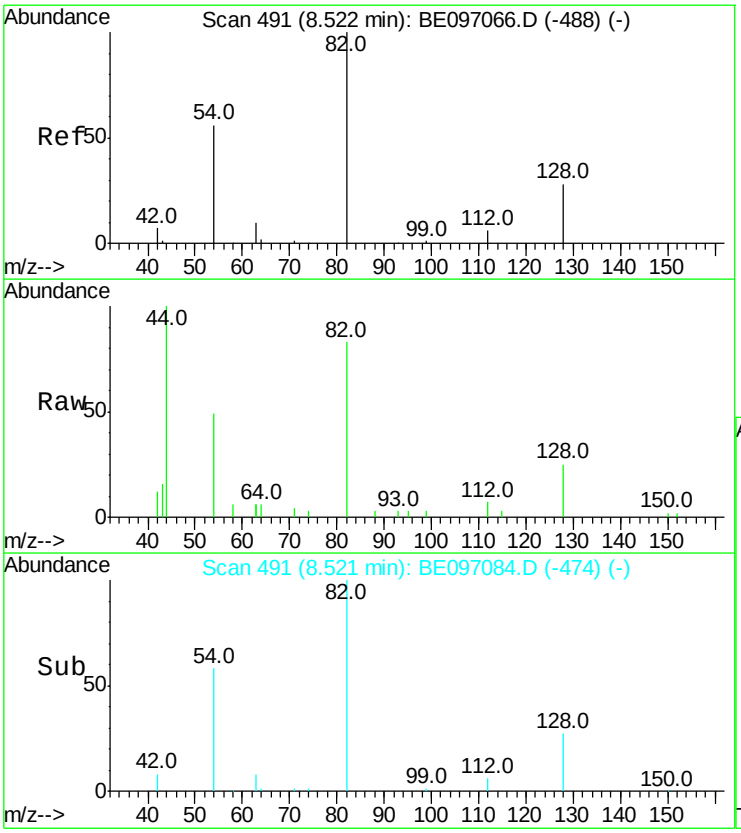
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6675

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	34.3	29.1	43.7
68	7.1	6.2	9.2

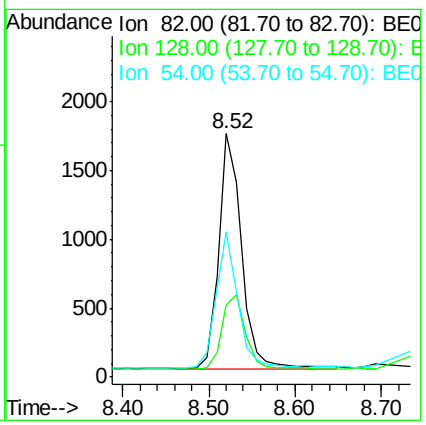


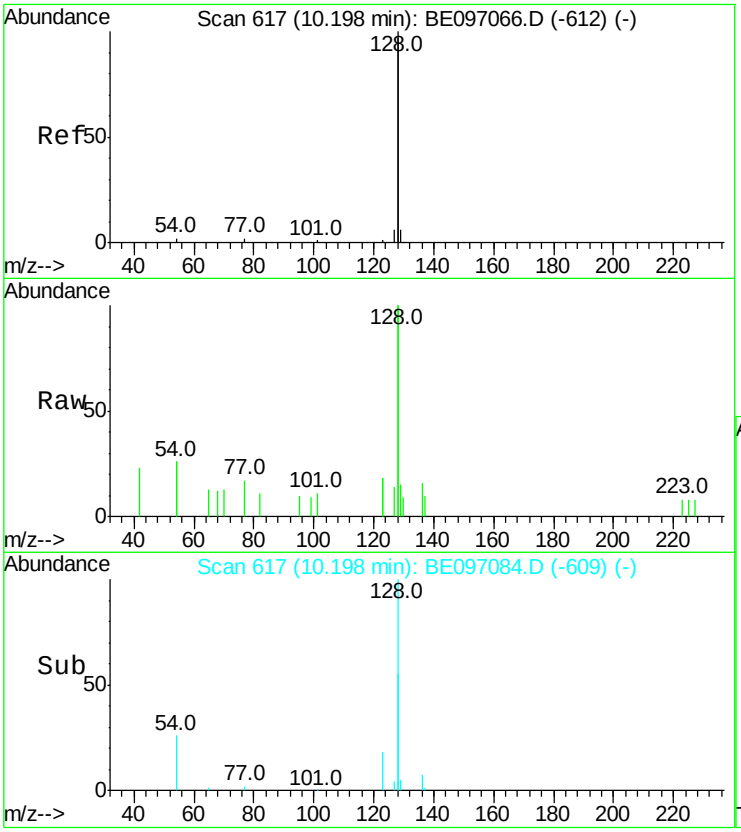


#8
Nitrobenzene-d5
Concen: 0.548 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion: 82 Resp: 3179

Ion	Ratio	Lower	Upper
82	100		
128	29.8	24.0	36.0
54	59.4	40.0	60.0



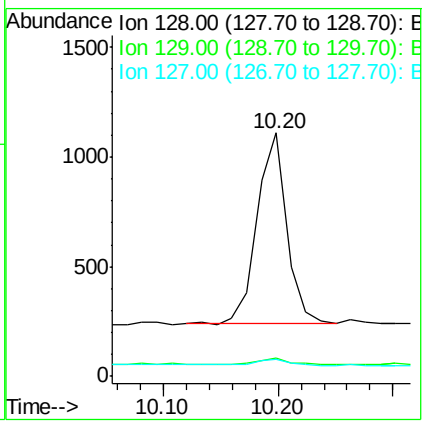


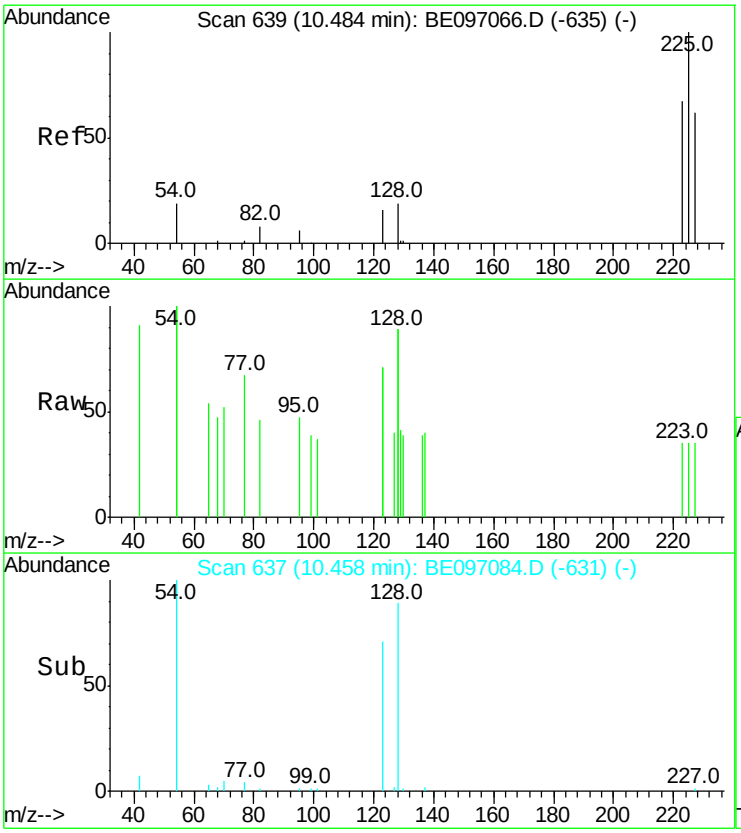
#9
Naphthalene
Concen: 0.026 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1564

Ion	Ratio	Lower	Upper
128	100		
129	7.6	2.6	3.8#
127	6.8	2.8	4.2#

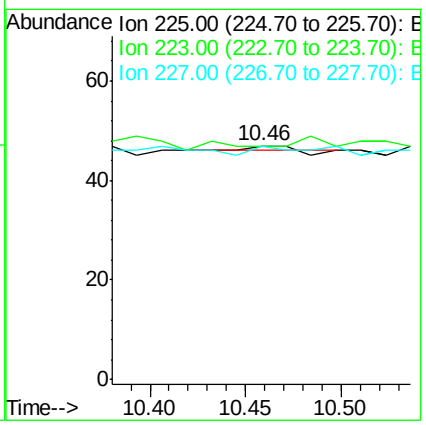


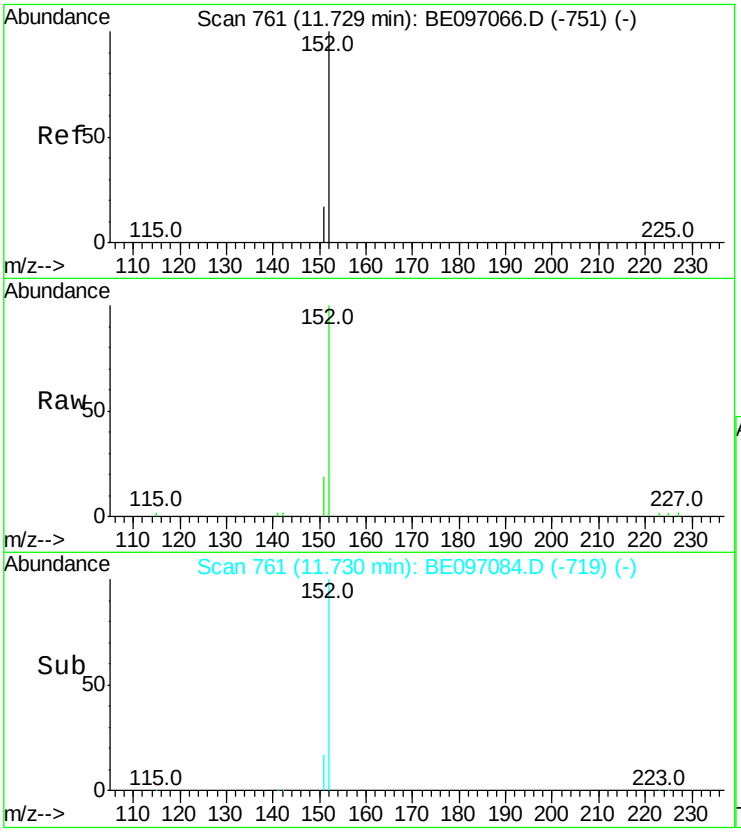


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.03 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	53.0	79.6#
227	500.0	51.4	77.2#



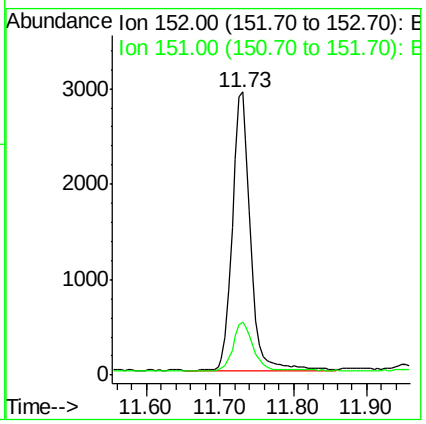


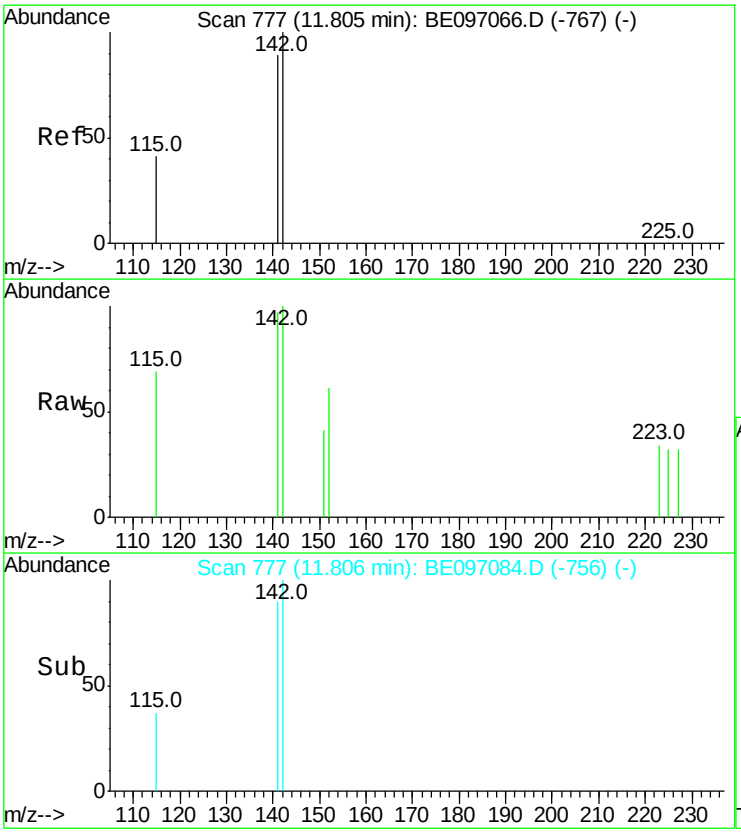
#11
2-Methylnaphthalene-d10
Concen: 0.502 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5014

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

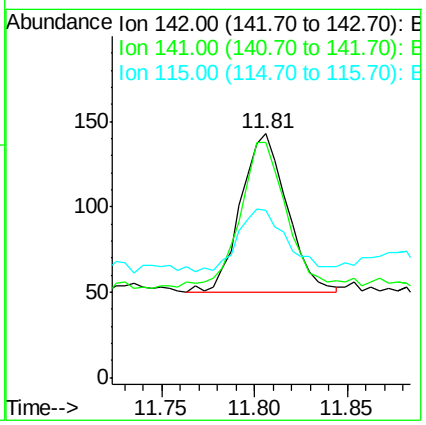


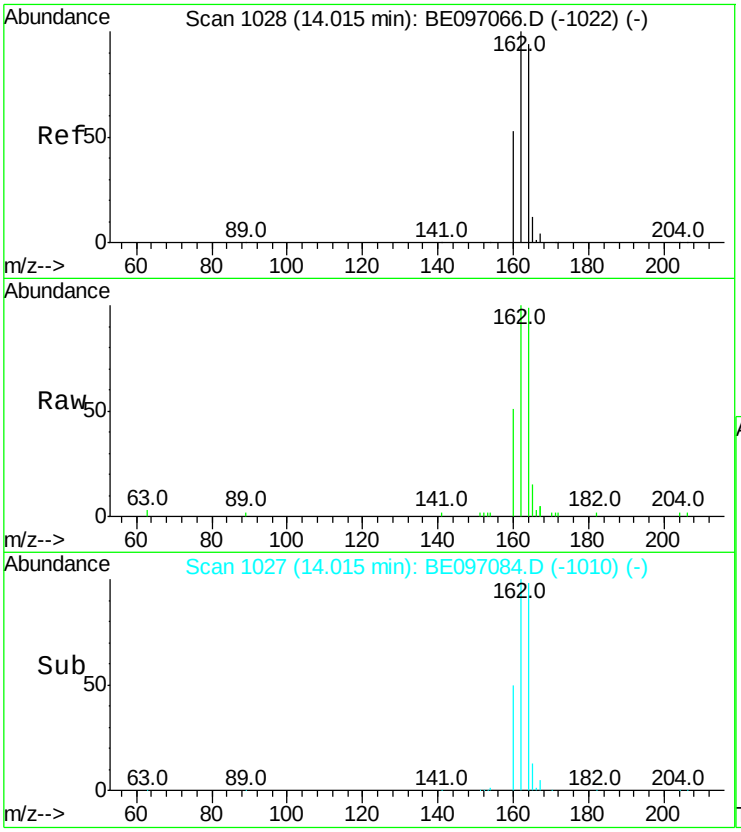


#12
2-Methylnaphthalene
Concen: 0.016 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:142 Resp: 161

Ion	Ratio	Lower	Upper
142	100		
141	96.5	70.4	105.6
115	68.5	31.7	47.5#



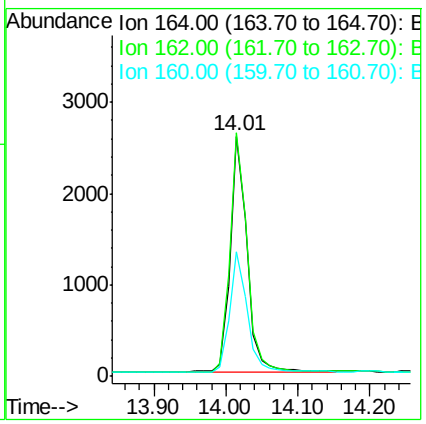


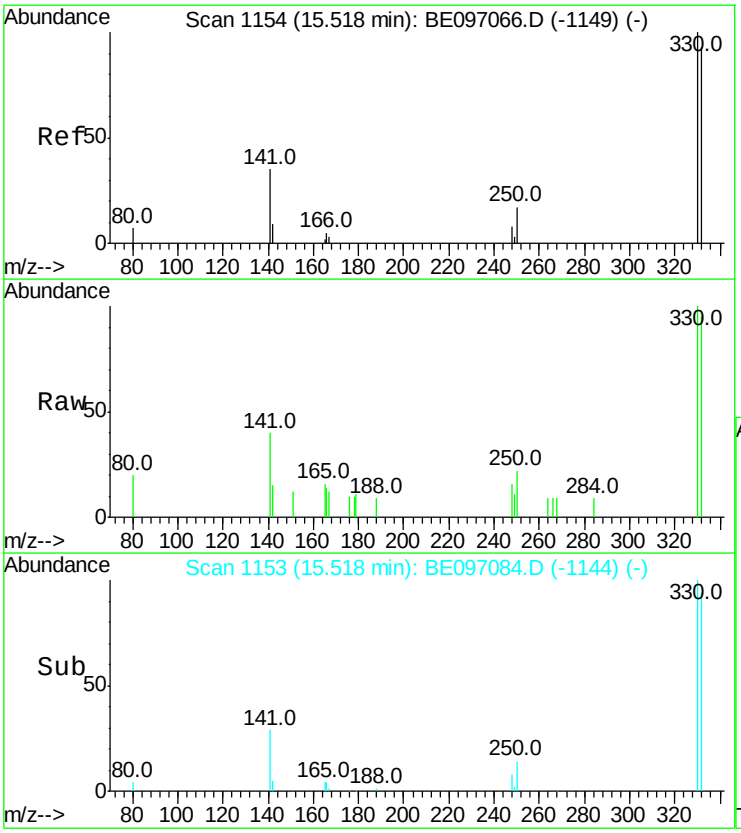
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4164

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.1	124.7
160	51.8	37.1	55.7

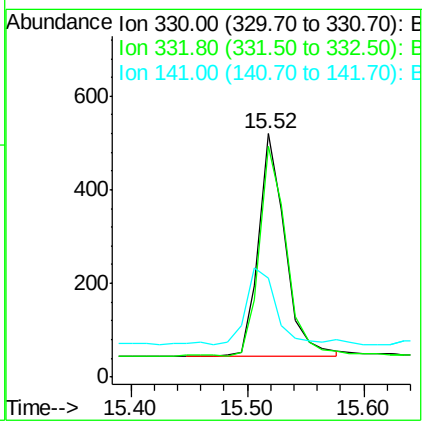


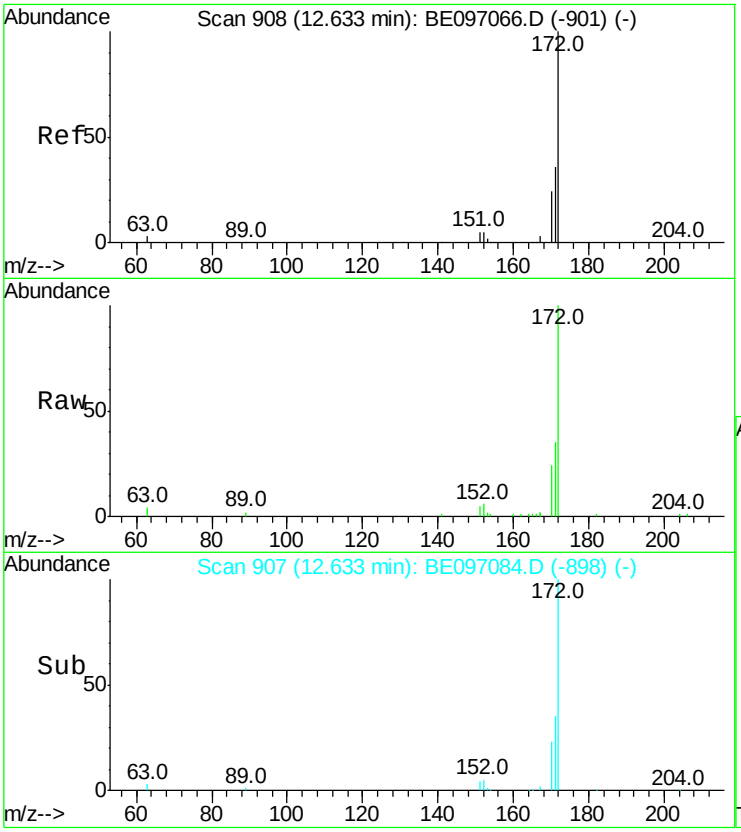


#14
2,4,6-Tribromophenol
Concen: 0.552 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:330 Resp: 756

Ion	Ratio	Lower	Upper
330	100		
332	95.0	152.7	229.1#
141	37.7	33.7	50.5



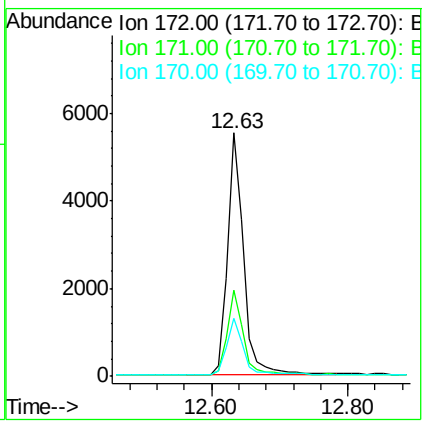


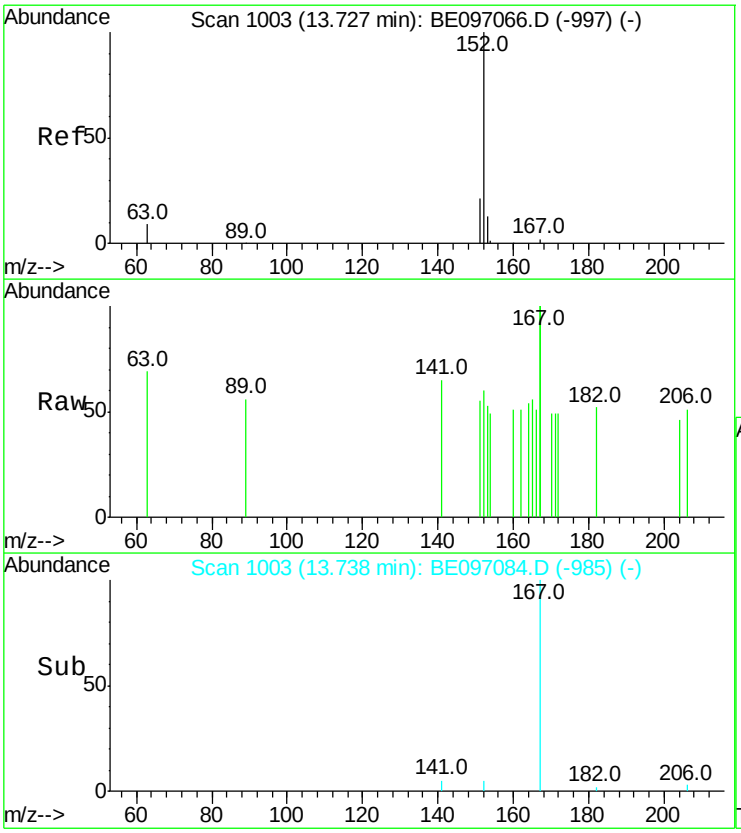
#15
2-Fluorobiphenyl
Concen: 0.628 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9026

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	23.9	21.8	32.8

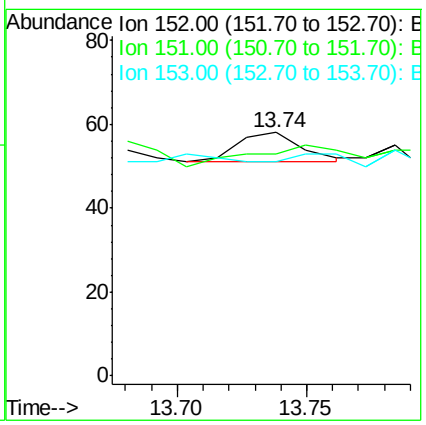


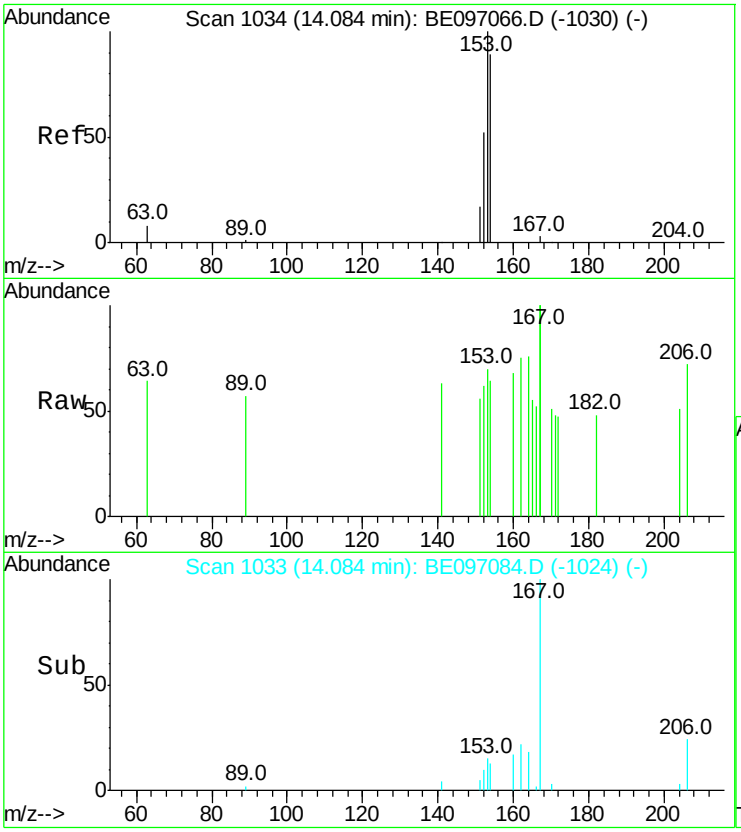


#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.74 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:152 Resp: 12

Ion	Ratio	Lower	Upper
152	100		
151	108.3	15.7	23.5#
153	50.0	10.5	15.7#



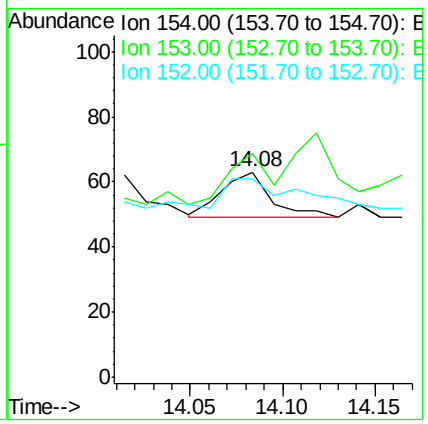


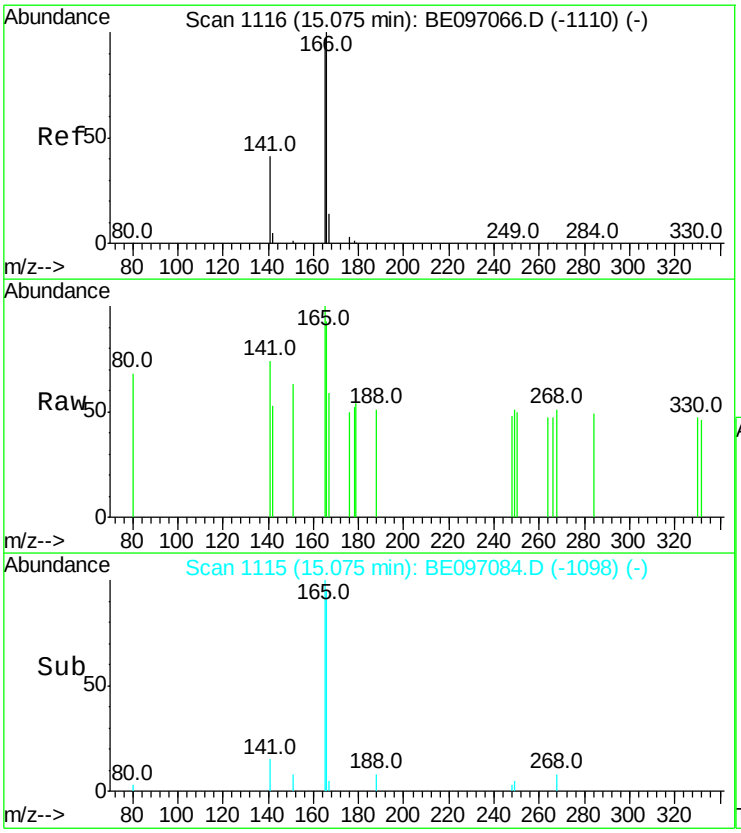
#17
Acenaphthene
Concen: 0.002 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 26

Ion	Ratio	Lower	Upper
154	100		
153	103.8	89.2	133.8
152	73.1	42.0	63.0#

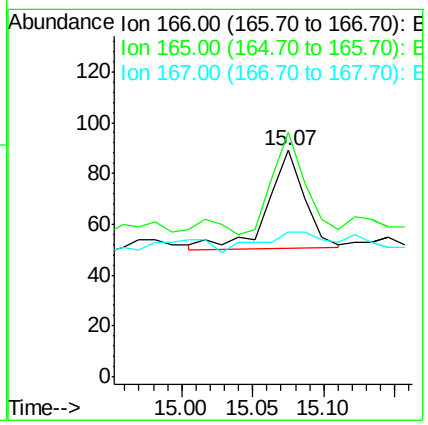


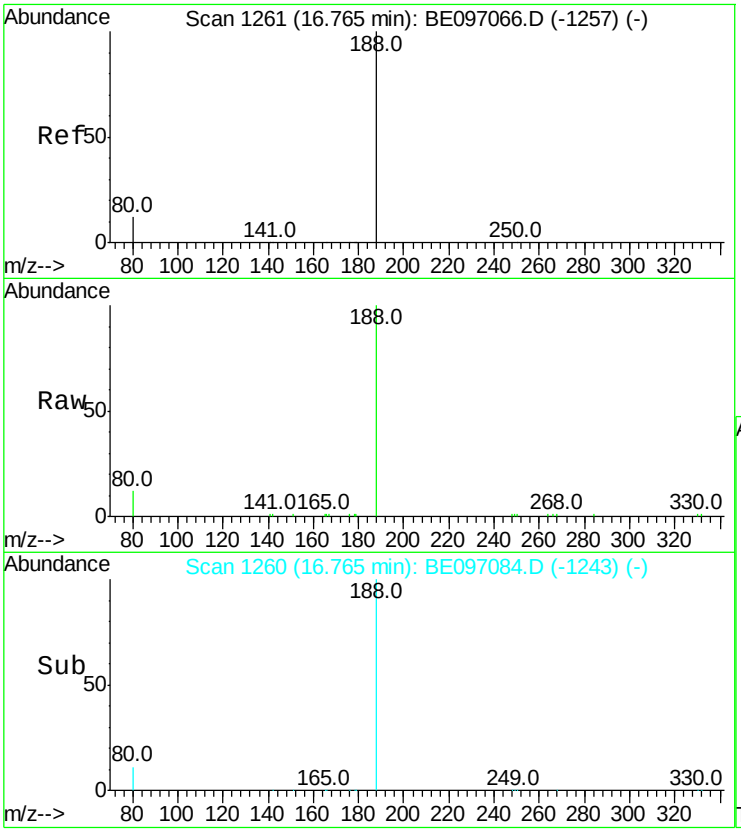


#18
Fluorene
Concen: 0.005 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:166 Resp: 69

Ion	Ratio	Lower	Upper
166	100		
165	92.8	77.8	116.6
167	37.7	42.4	63.6#



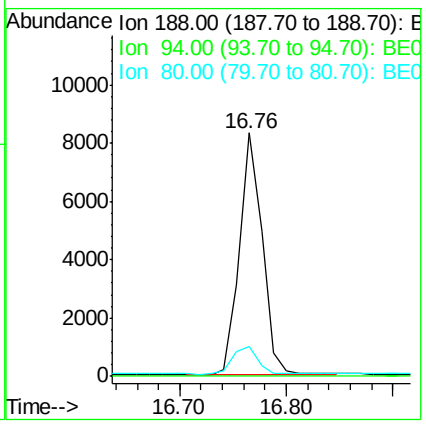


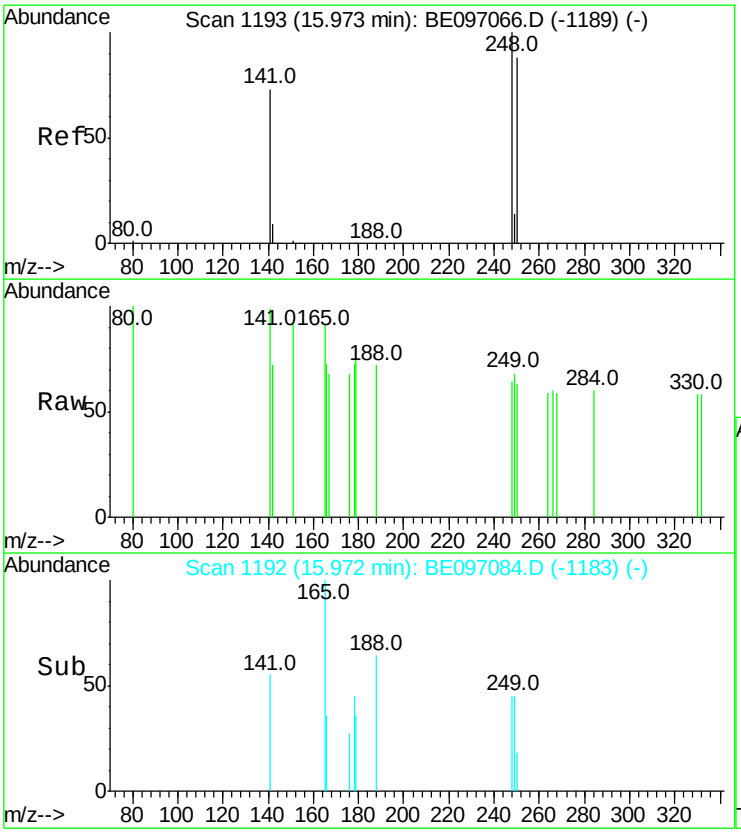
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 12288

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.1	3.6	5.4#

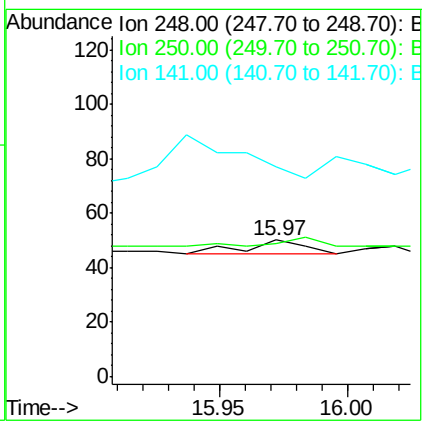


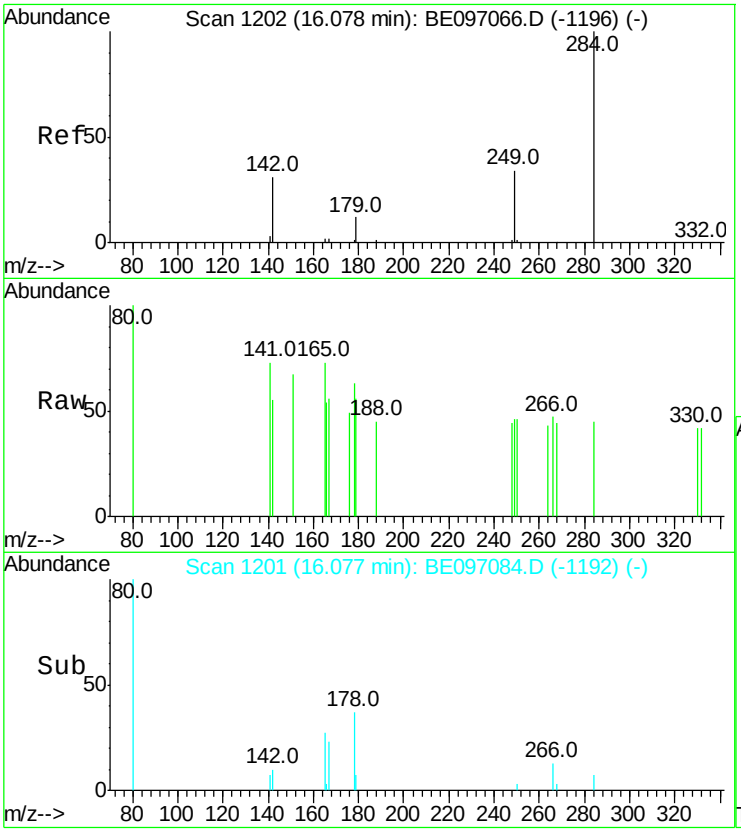


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 15.97 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:248 Resp: 8

Ion	Ratio	Lower	Upper
248	100		
250	98.0	62.7	94.1#
141	154.0	48.2	72.2#



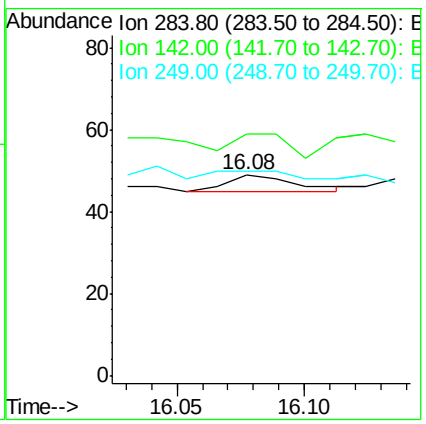


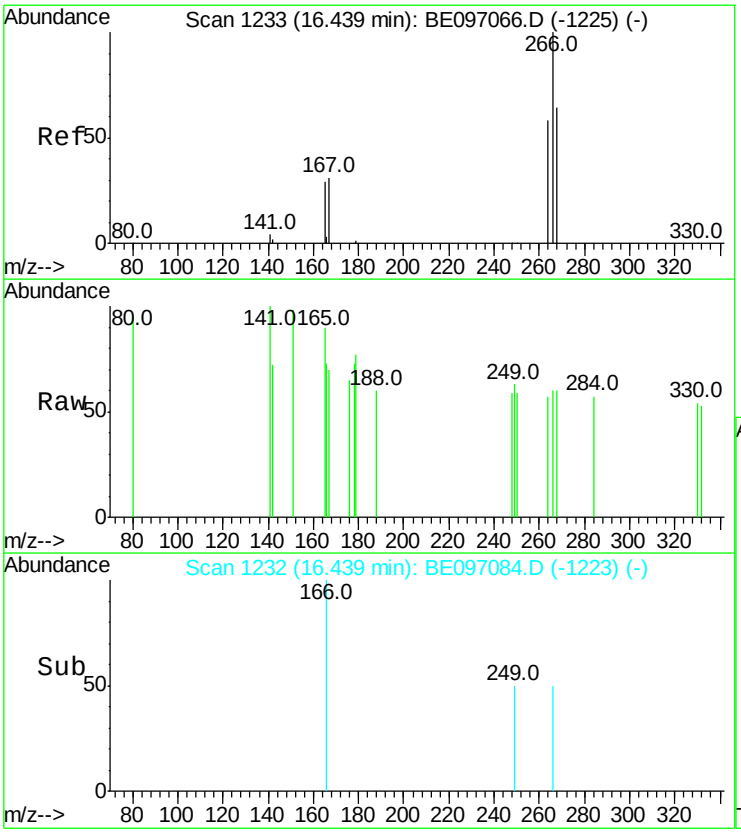
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 7

Ion	Ratio	Lower	Upper
284	100		
142	114.3	22.1	33.1#
249	57.1	34.8	52.2#

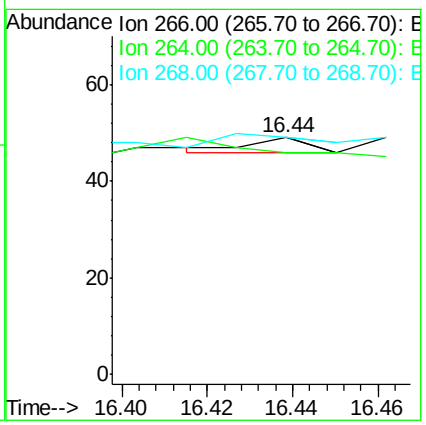


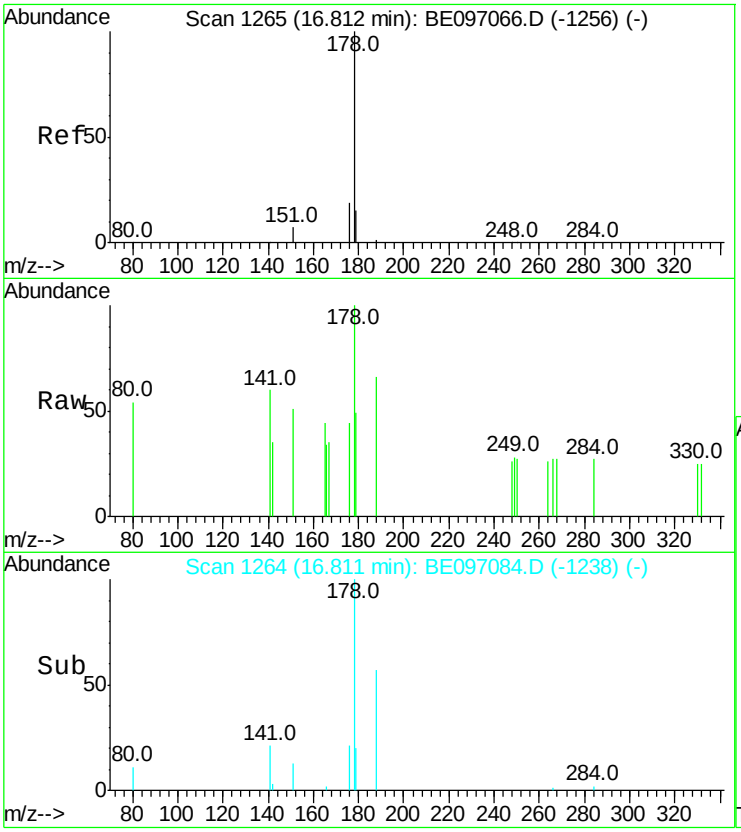


#22
Pentachlorophenol
Concen: 0.036 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	93.9	72.5	108.7
268	100.0	73.8	110.6



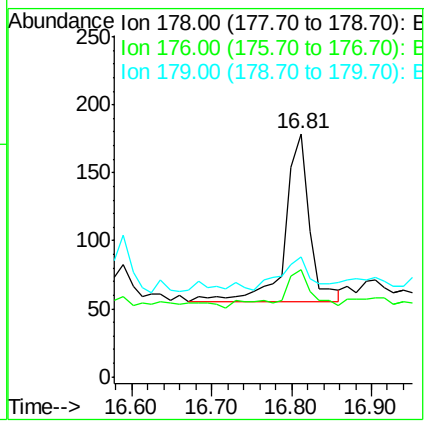


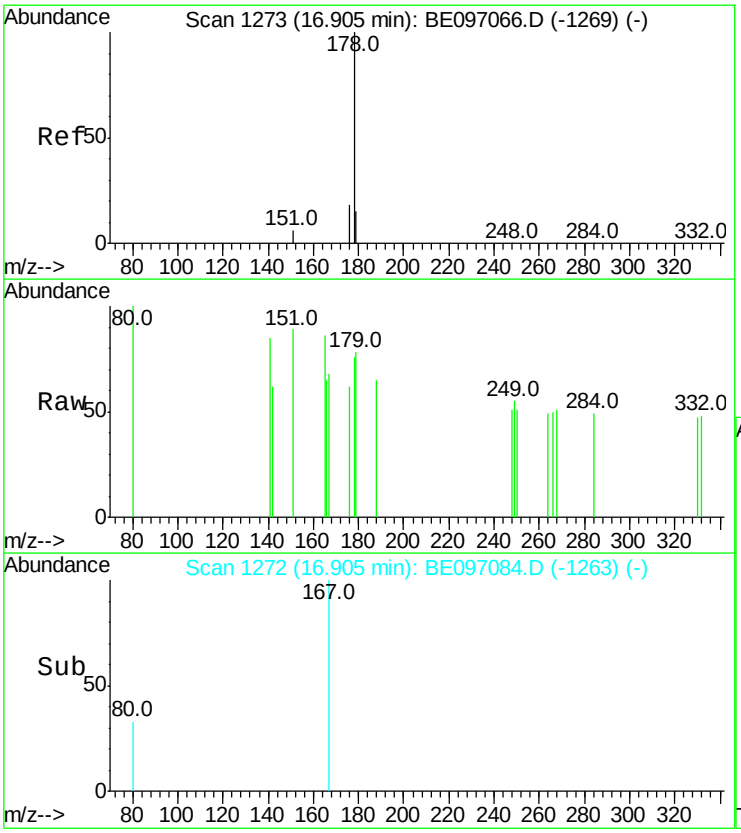
#23
Phenanthrene
Concen: 0.009 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 265

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	22.3	11.8	17.6#

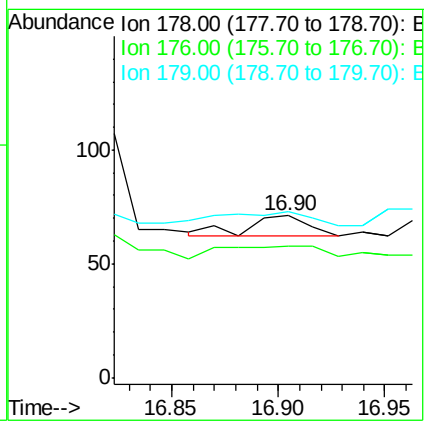


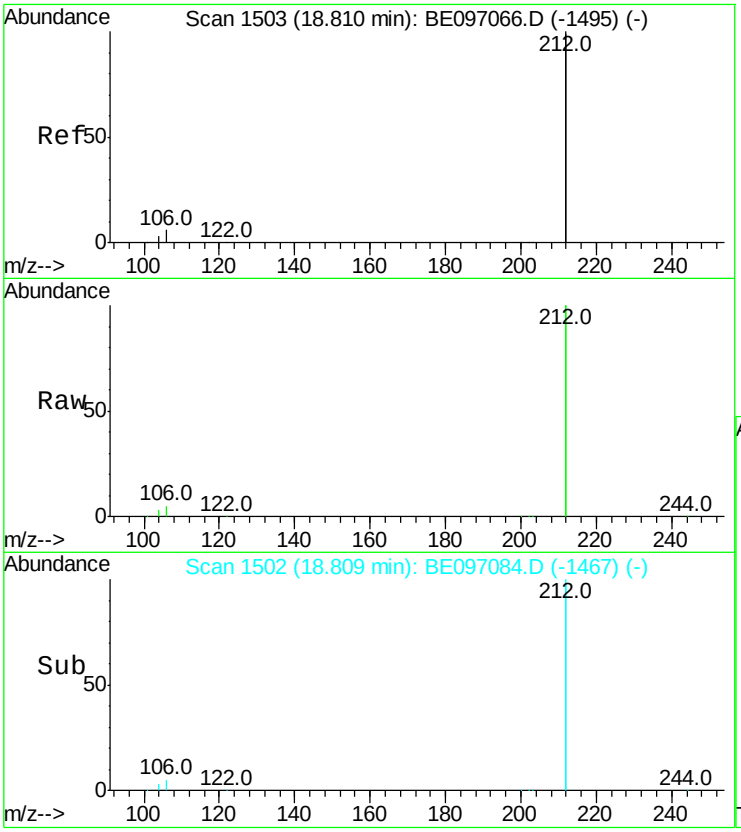


#24
Anthracene
Concen: 0.001 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:178 Resp: 18

Ion	Ratio	Lower	Upper
178	100		
176	127.8	12.8	19.2#
179	94.4	13.0	19.6#



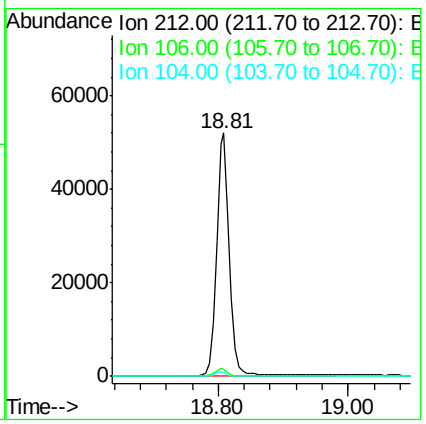


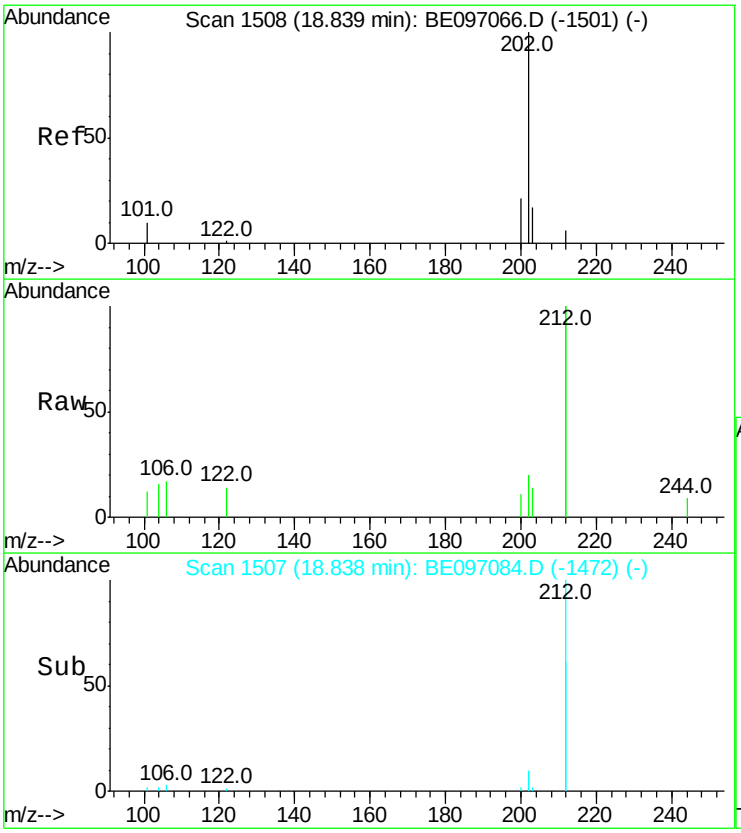
#25
Fluoranthene-d10
Concen: 0.584 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 71822

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

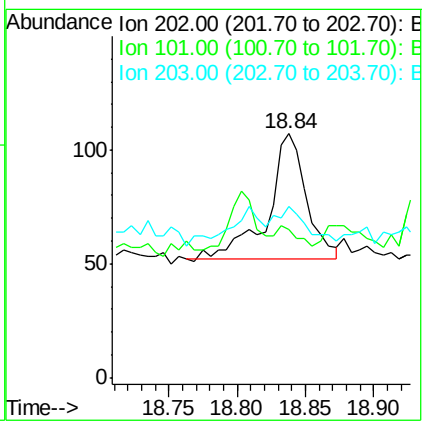


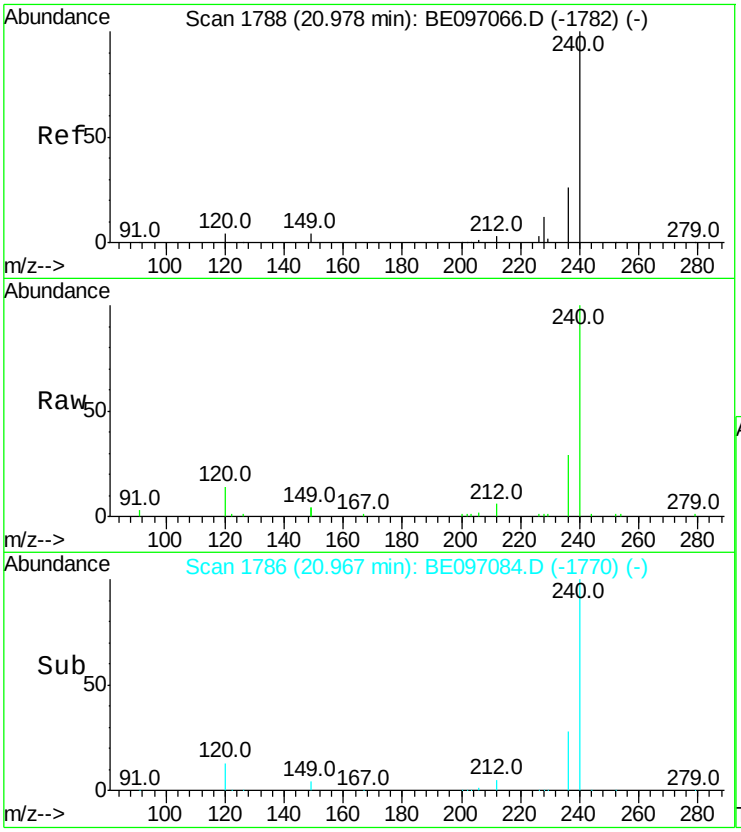


#26
Fluoranthene
Concen: 0.003 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:202 Resp: 108

Ion	Ratio	Lower	Upper
202	100		
101	7.4	9.8	14.8#
203	20.4	13.7	20.5



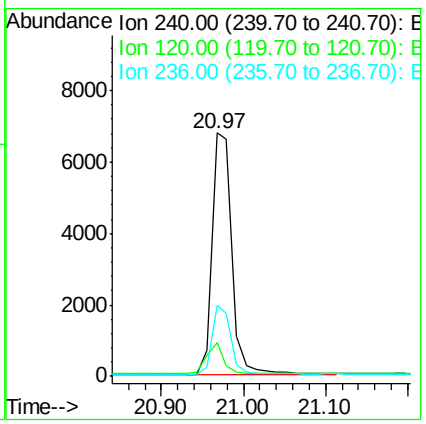


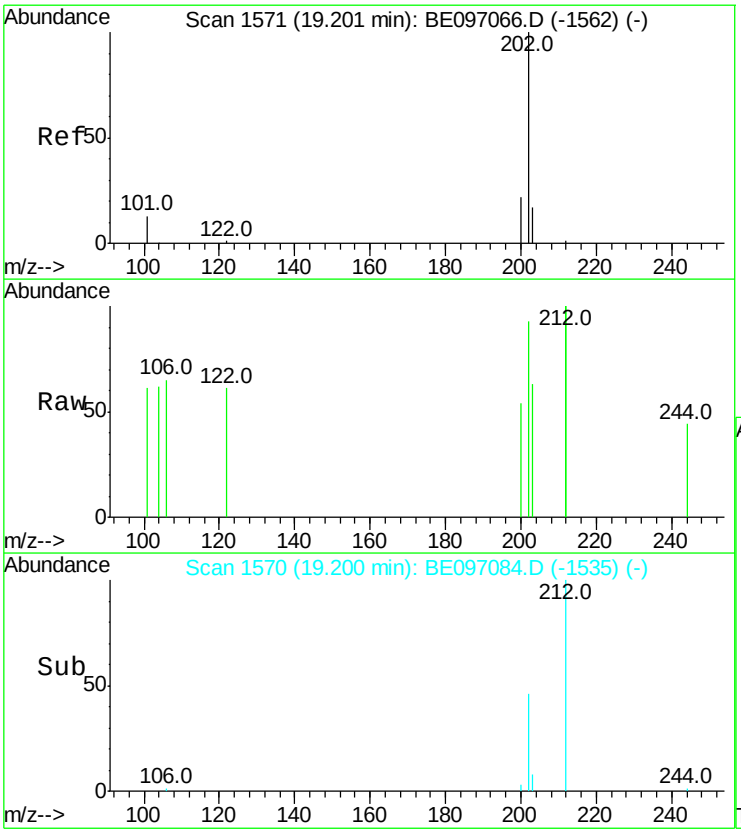
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11542

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.5	8.3#
236	28.8	20.7	31.1

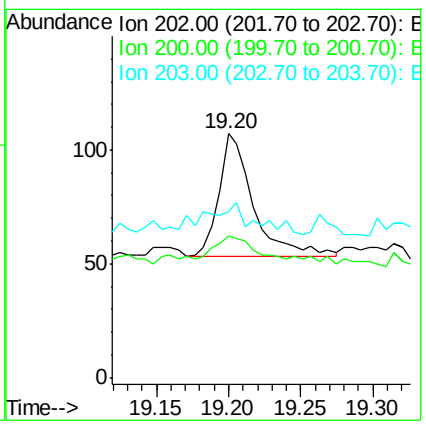


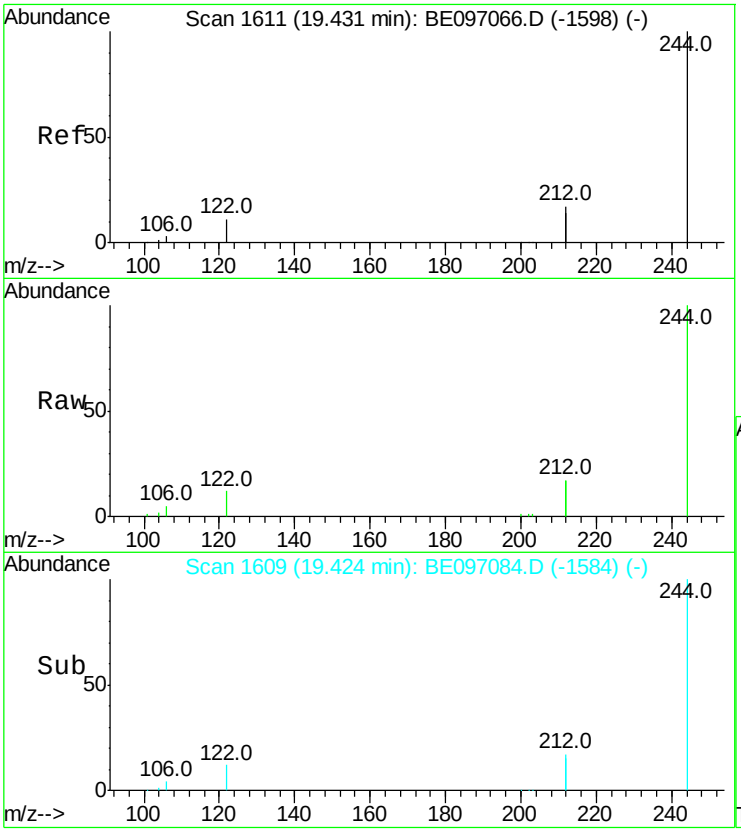


#28
Pyrene
Concen: 0.003 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:202 Resp: 91

Ion	Ratio	Lower	Upper
202	100		
200	18.7	16.6	25.0
203	46.2	13.8	20.8#



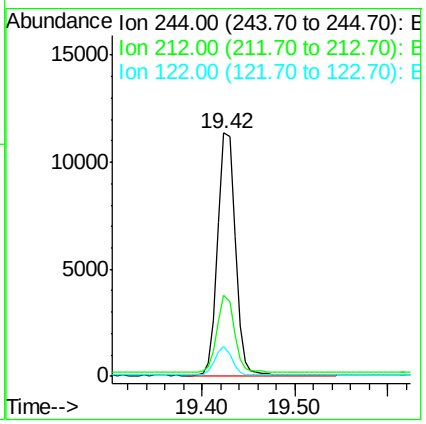


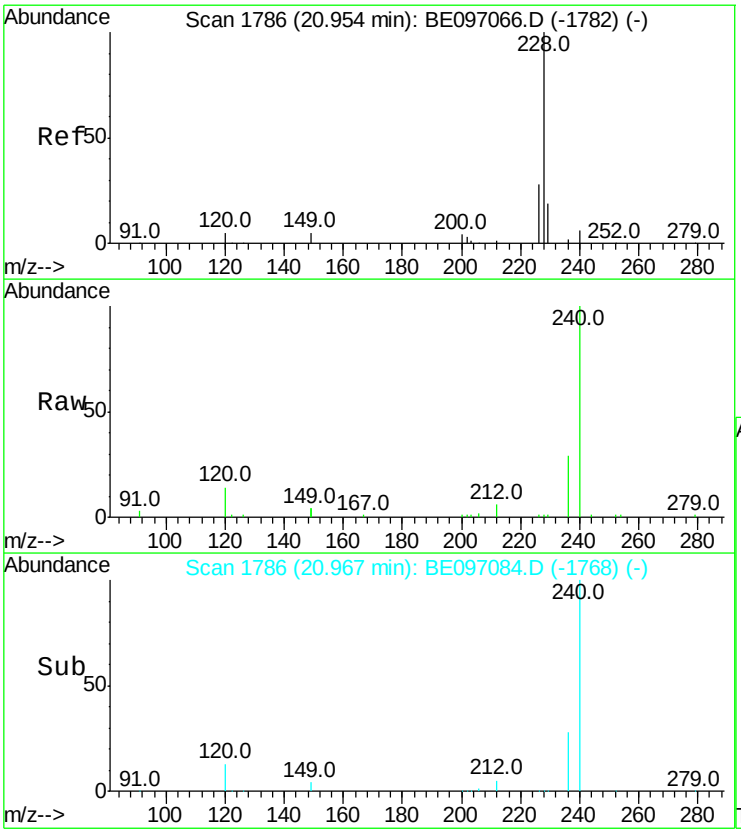
#29
Terphenyl-d14
Concen: 0.672 ng
RT: 19.42 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14898

Ion	Ratio	Lower	Upper
244	100		
212	33.5	25.4	38.0
122	12.4	8.1	12.1#

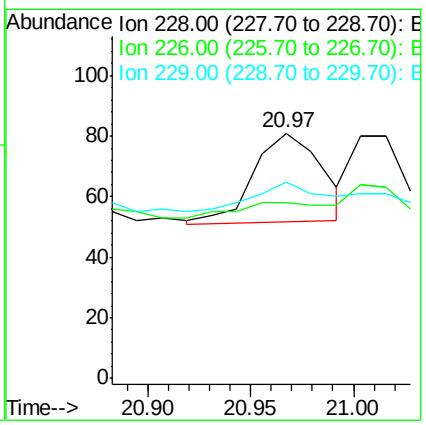


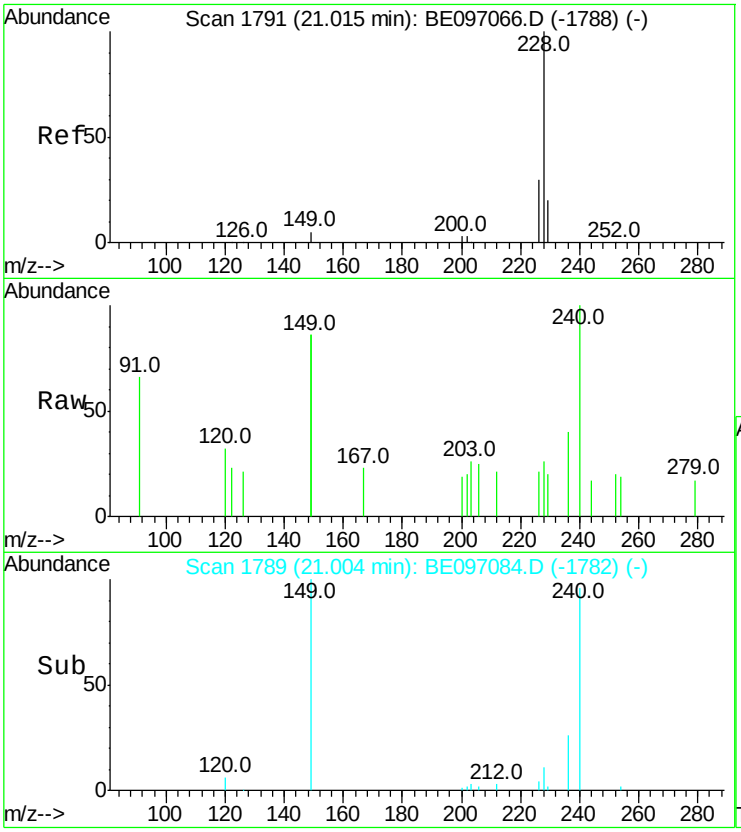


#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:228 Resp: 68

Ion	Ratio	Lower	Upper
228	100		
226	71.6	24.0	36.0#
229	80.2	16.0	24.0#



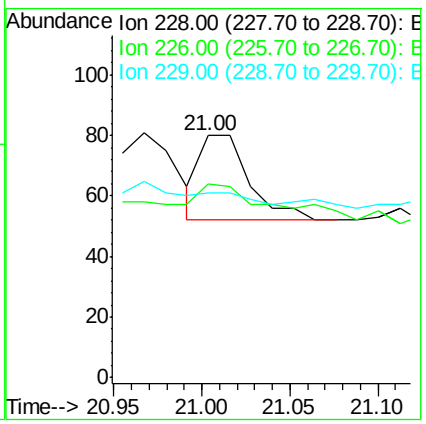


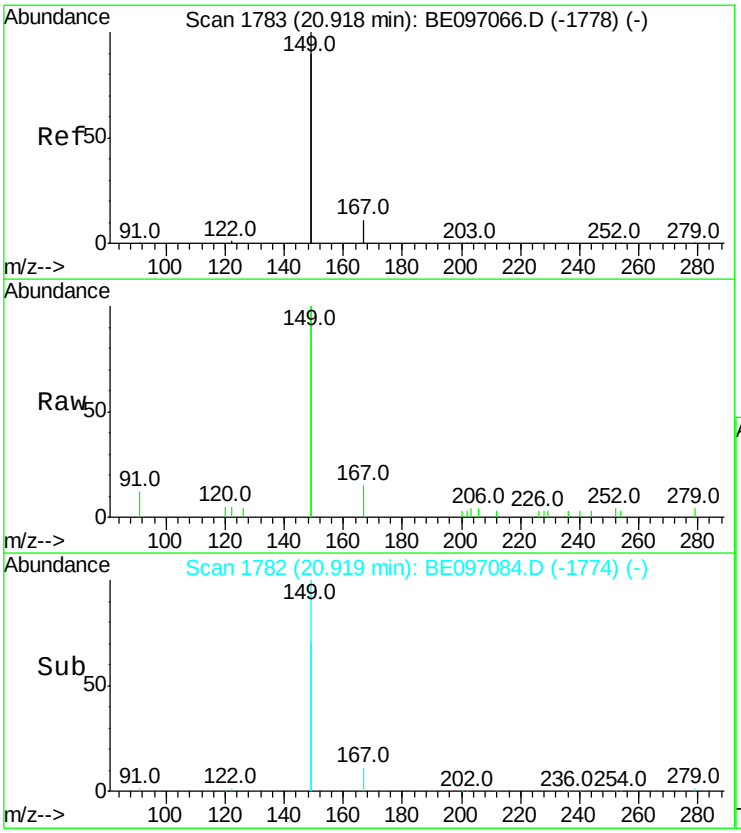
#31
Chrysene
Concen: 0.002 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 54

Ion	Ratio	Lower	Upper
228	100		
226	80.0	24.0	36.0#
229	76.3	16.0	24.0#

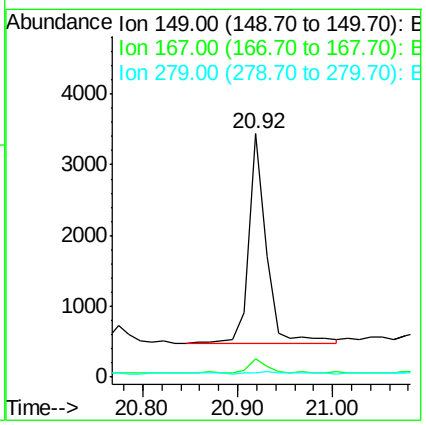


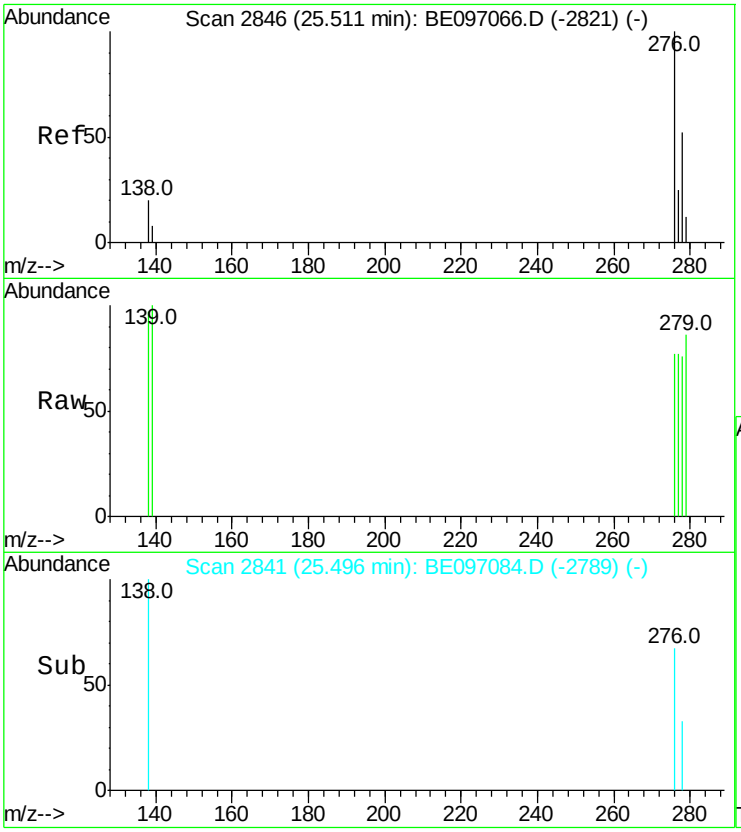


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.123 ng
RT: 20.92 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:149 Resp: 3821

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	1.0	0.7	1.1



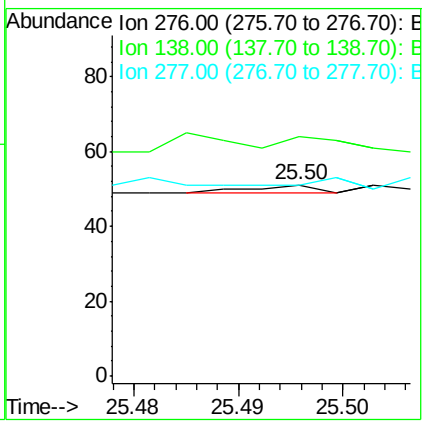


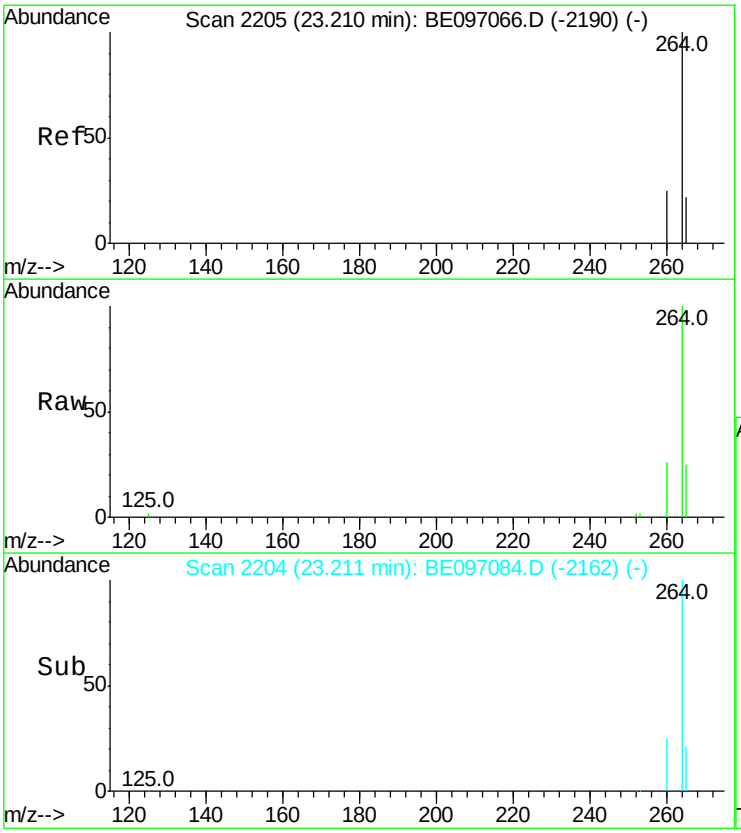
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.50 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	100.0	19.9	29.9#

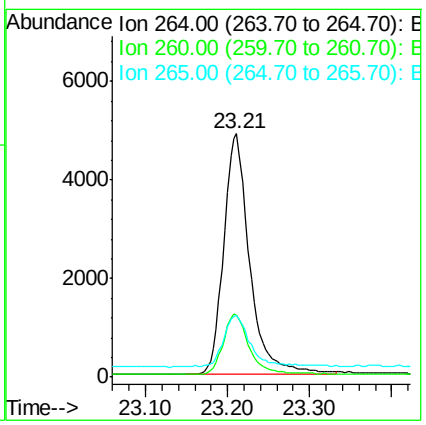


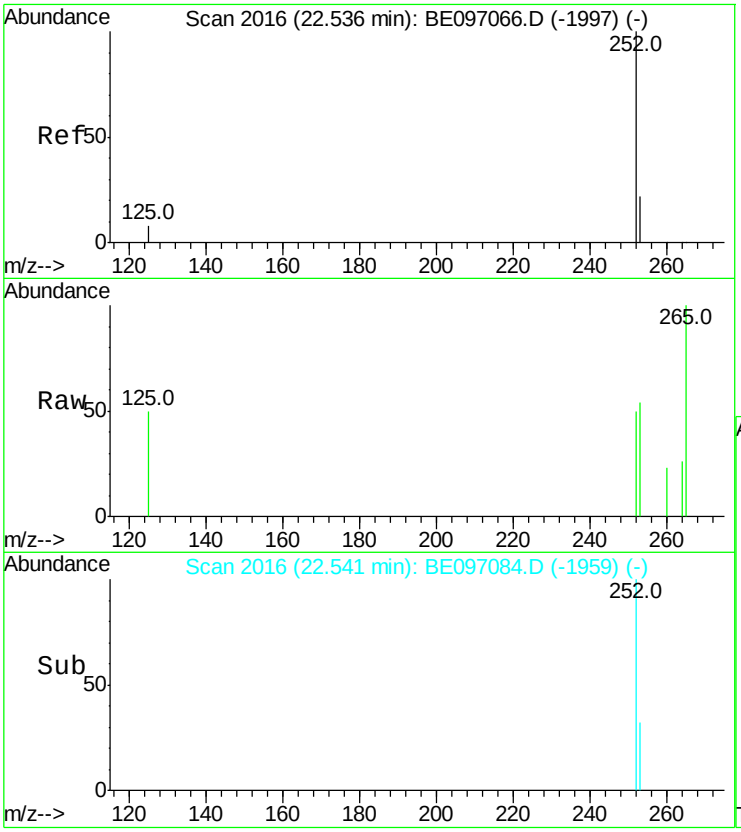


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:264 Resp: 10770

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	25.2	22.8	34.2



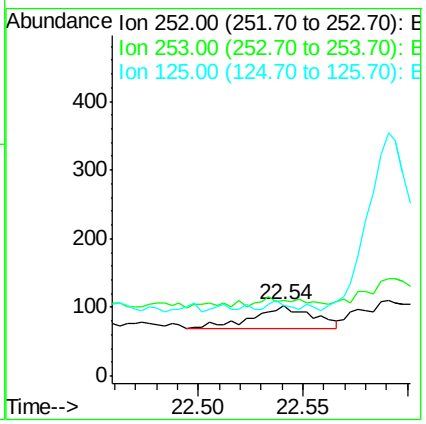


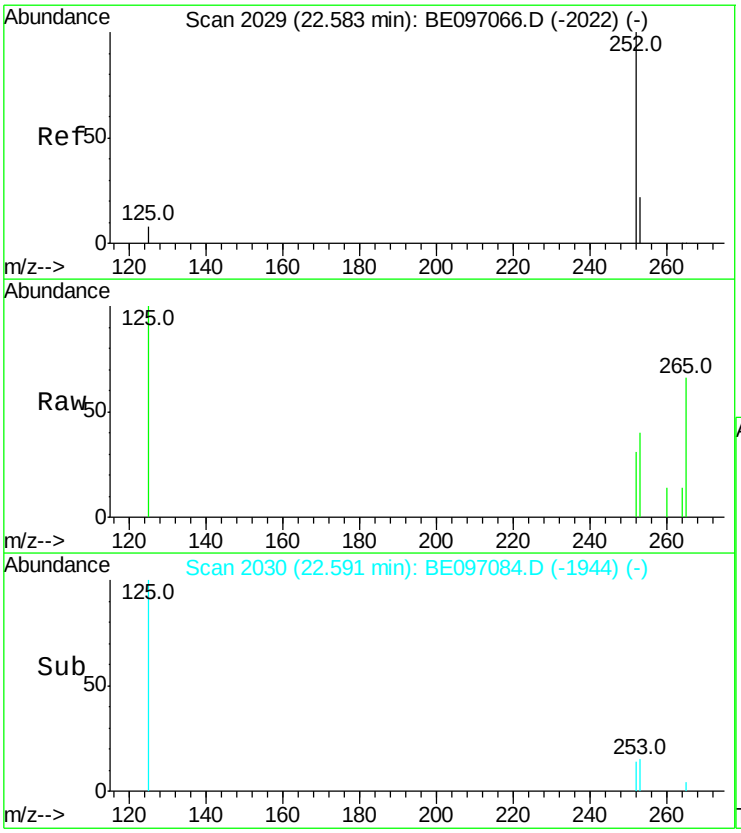
#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 63

Ion	Ratio	Lower	Upper
252	100		
253	107.8	20.0	30.0#
125	100.0	16.0	24.0#

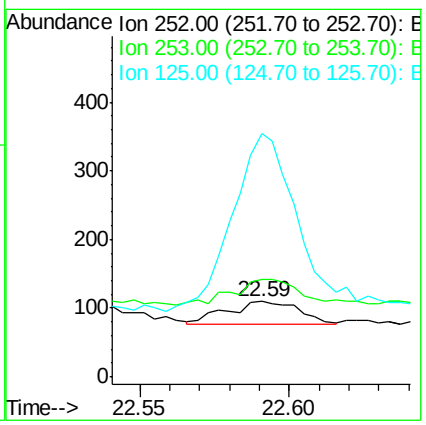


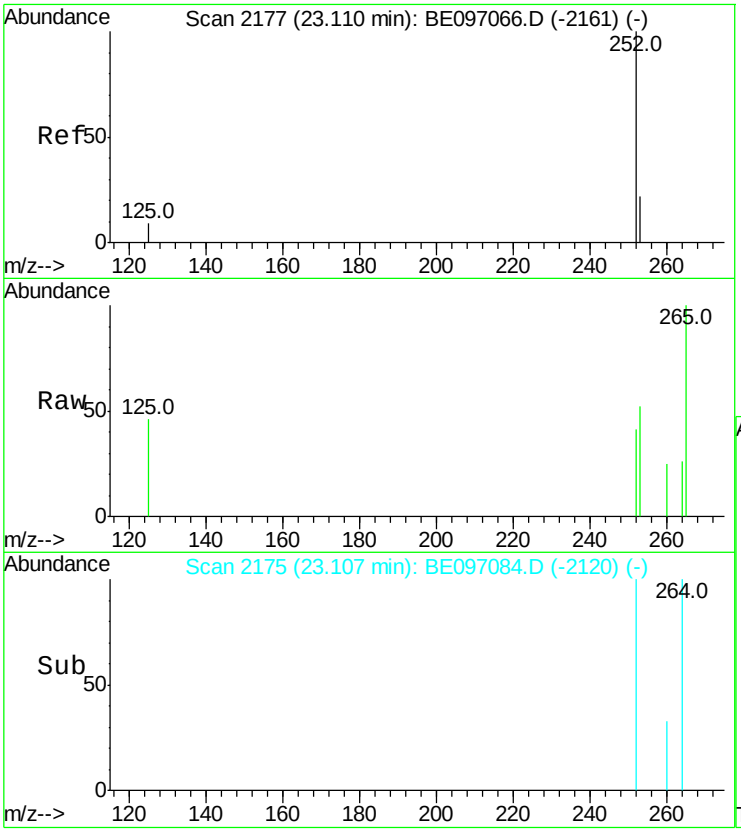


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.59 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:252 Resp: 58

Ion	Ratio	Lower	Upper
252	100		
253	129.1	16.0	24.0#
125	321.8	8.0	12.0#



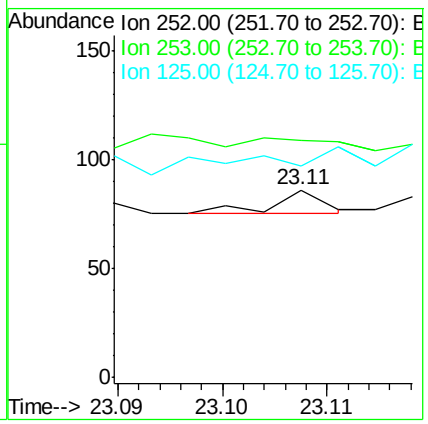


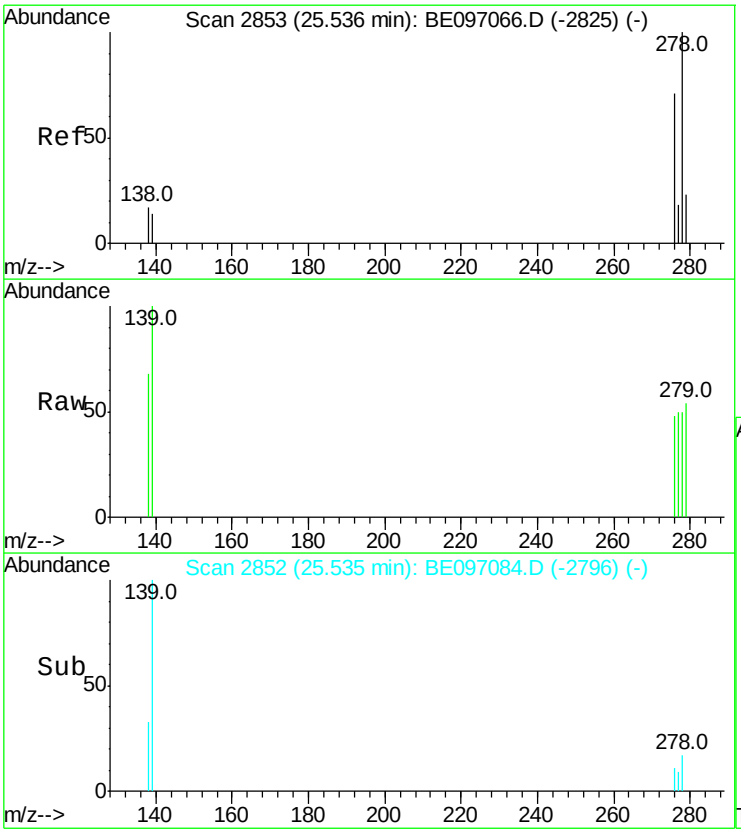
#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 4

Ion	Ratio	Lower	Upper
252	100		
253	126.7	16.0	24.0#
125	112.8	12.0	18.0#

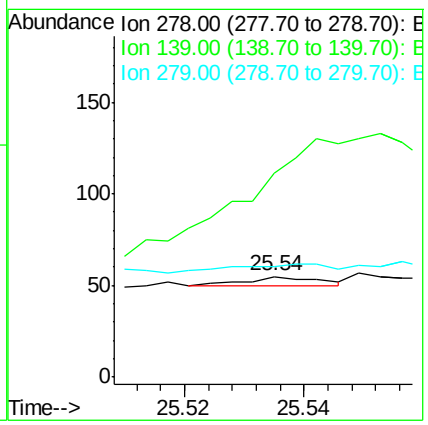


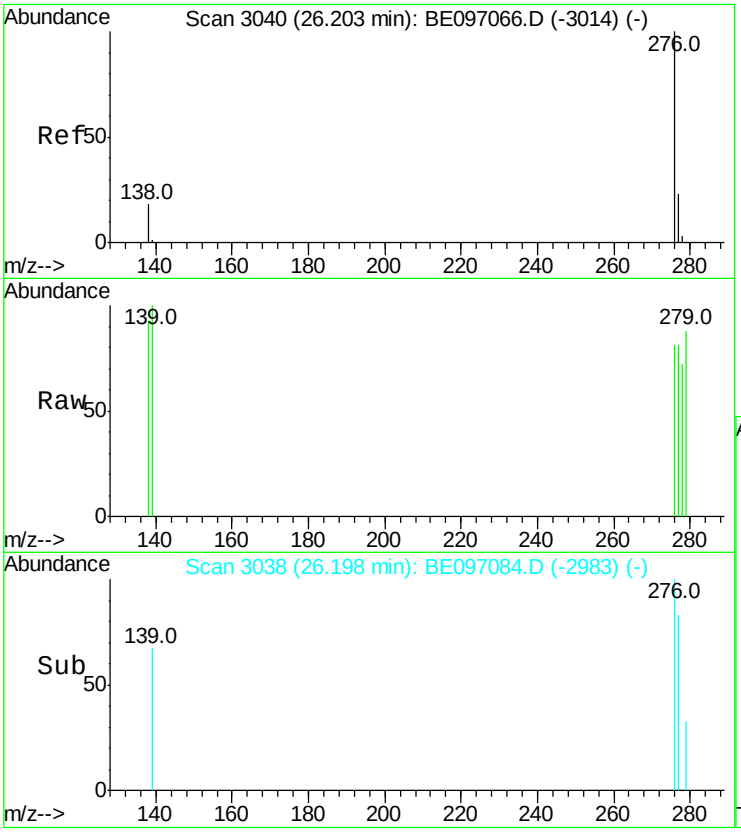


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.54 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	201.8	16.0	24.0#
279	109.1	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.20 min Scan# 3038
Delta R.T. -0.00 min
Lab File: BE097084.D
Acq: 24 Jul 2018 22:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 6

Ion	Ratio	Lower	Upper
276	100		
277	100.0	16.0	24.0#
138	114.8	20.0	30.0#