Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097082.D
Acq On : 24 Jul 2018 21:35
Operator : SJ/JU
Sample : J4073-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 25 00:38:40 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	1240	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5519	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3338	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	10109	0.40	ng		0.00
27) Chrysene-d12	20.98	240	10247	0.40	ng		0.00
34) Perylene-d12	23.21	264	9865	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	786	0.23	ng		0.00
5) Phenol-d6	6.60	99	714	0.14	ng		0.00
8) Nitrobenzene-d5	8.53	82	2457	0.51	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	4036	0.49	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	676	0.62	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	6722	0.58	ng		0.00
25) Fluoranthene-d10	18.81	212	61862	0.61	ng		0.00
29) Terphenyl-d14	19.42	244	16413	0.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	8678	4.404	ng		95
6) bis(2-Chloroethyl)ether	6.84	93	557	0.119	ng		93
9) Naphthalene	10.20	128	3660	0.074	ng	#	95
12) 2-Methylnaphthalene	11.80	142	288	0.034	ng	#	83
16) Acenaphthylene	13.74	152	31	0.002	ng	#	33
17) Acenaphthene	14.08	154	44	0.005	ng	#	73
18) Fluorene	15.08	166	127	0.011	ng	#	75
20) 4-Bromophenyl-phenylether	15.97	248	12	0.002	ng	#	33
21) Hexachlorobenzene	16.09	284	6	0.001	ng	#	1
22) Pentachlorophenol	16.43	266	6	0.039	ng		91
23) Phenanthrene	16.81	178	468	0.019	ng	#	90
24) Anthracene	16.89	178	33	0.002	ng	#	1
26) Fluoranthene	18.84	202	94	0.003	ng	#	71
28) Pyrene	19.21	202	79	0.003	ng	#	83
30) Benzo(a)anthracene	20.97	228	75	0.003	ng	#	13
31) Chrysene	21.00	228	48	0.002	ng	#	1
32) Bis(2-ethylhexyl)phthalate	20.92	149	3379	0.122	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	5	0.000	ng	#	1
35) Benzo(b)fluoranthene	22.55	252	62	0.002	ng	#	1
36) Benzo(k)fluoranthene	22.59	252	93	0.003	ng	#	1
37) Benzo(a)pyrene	23.10	252	6	0.000	ng	#	1
38) Dibenzo(a,h)anthracene	25.55	278	20	0.001	ng	#	1
39) Benzo(g,h,i)perylene	26.21	276	24	0.001	ng	#	1

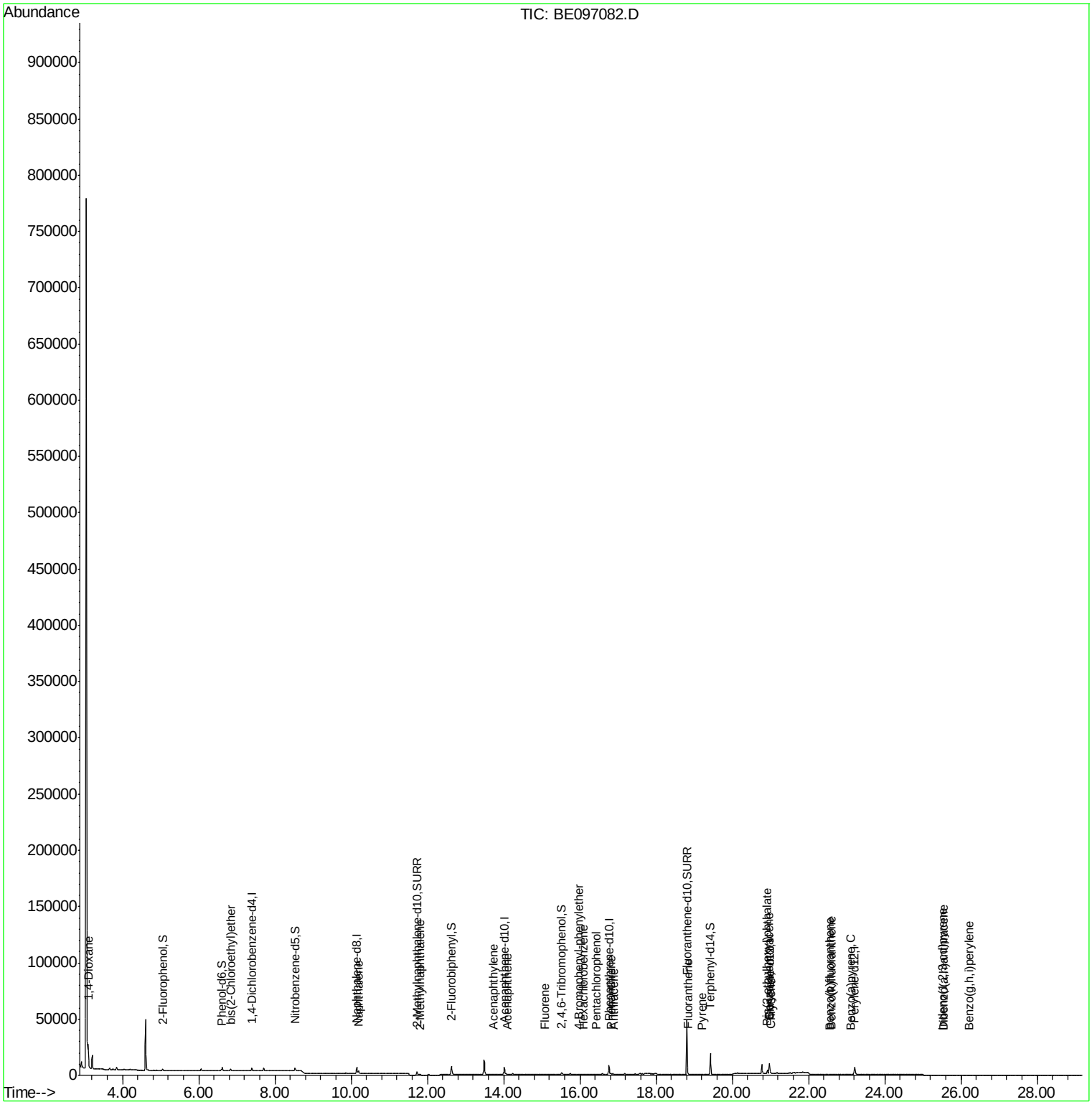
(#) = qualifier out of range (m) = manual integration (+) = signals summed

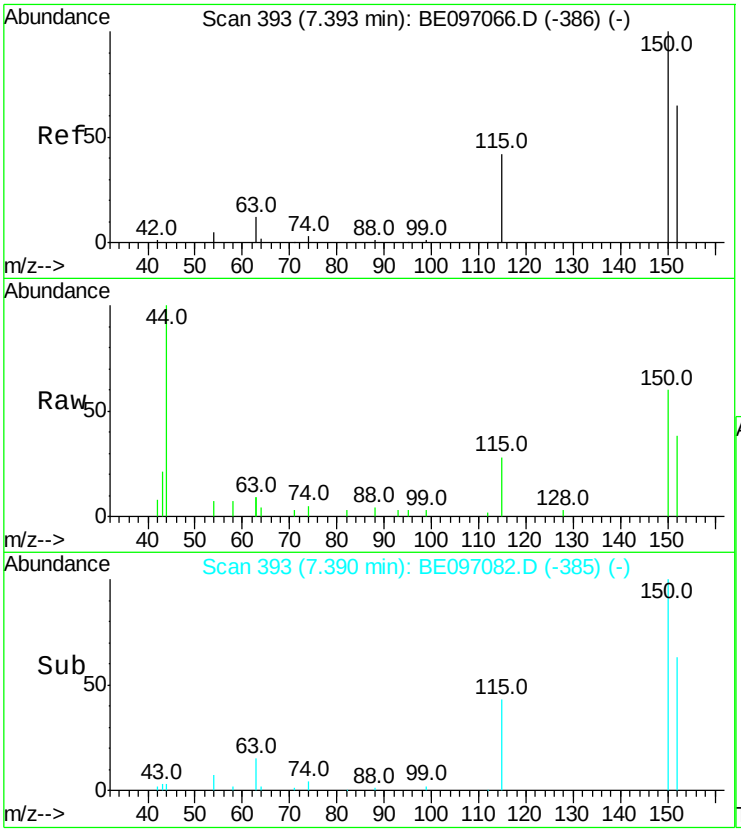
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097082.D
Acq On : 24 Jul 2018 21:35
Operator : SJ/JU
Sample : J4073-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 25 00:38:40 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



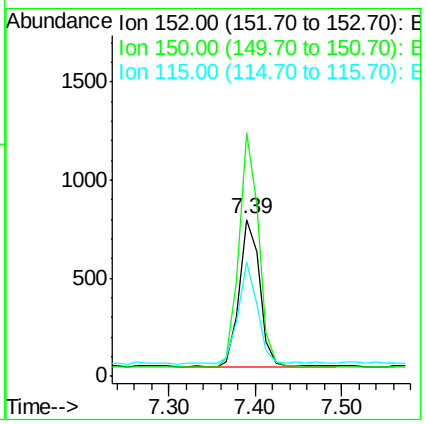


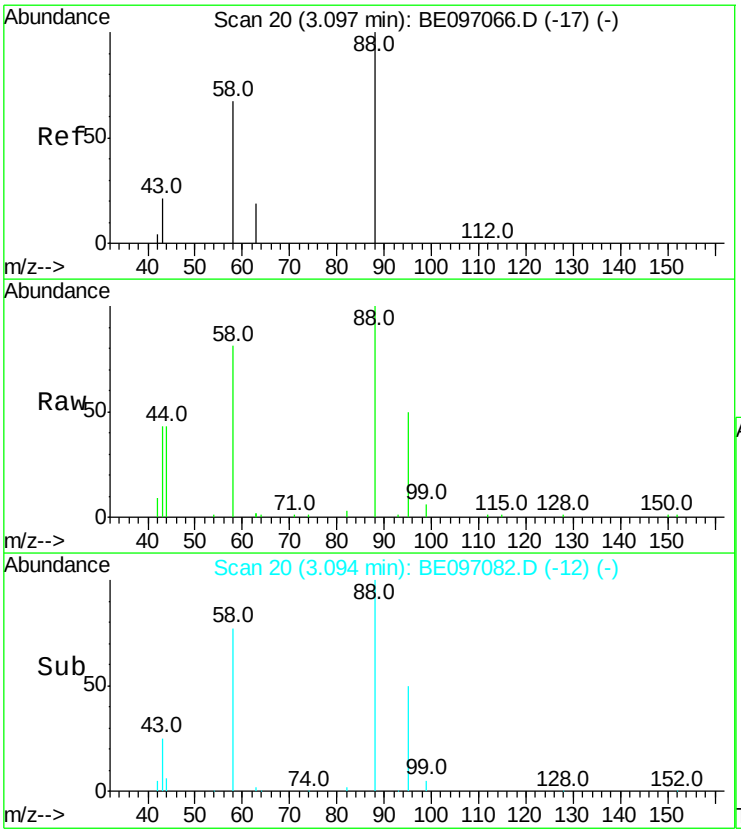
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1240

Ion	Ratio	Lower	Upper
152	100		
150	155.2	117.2	175.8
115	73.2	57.0	85.6

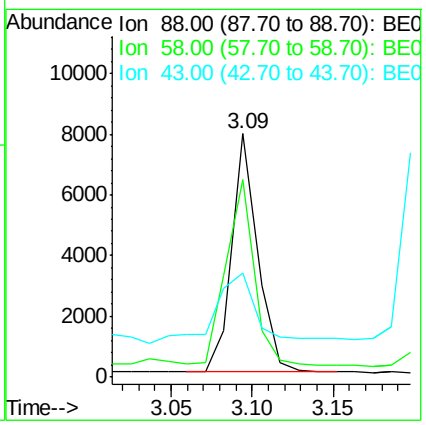


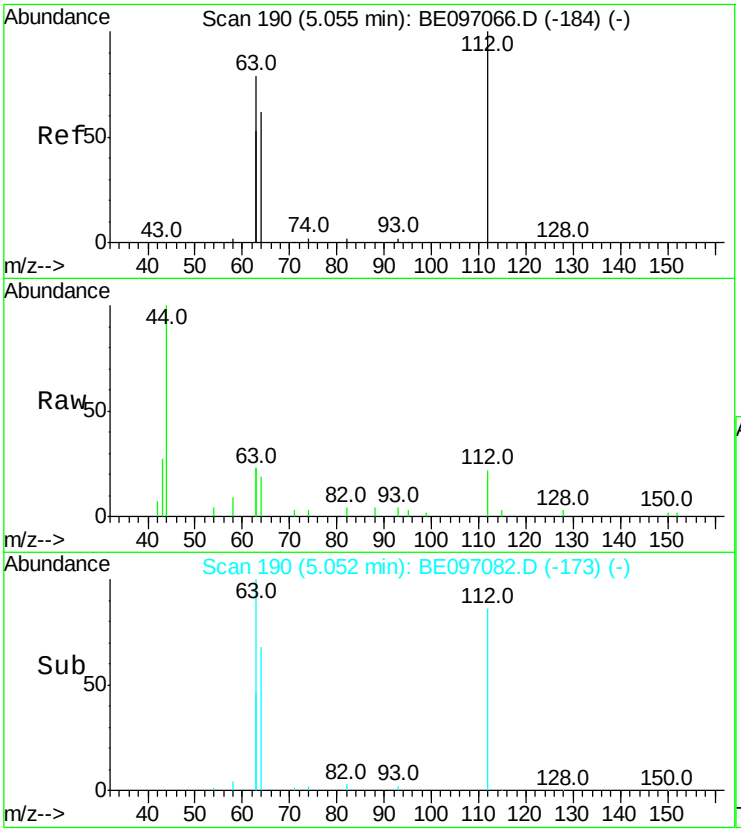


#2
1,4-Dioxane
Concen: 4.404 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 88 Resp: 8678

Ion	Ratio	Lower	Upper
88	100		
58	82.7	63.2	94.8
43	47.9	41.2	61.8



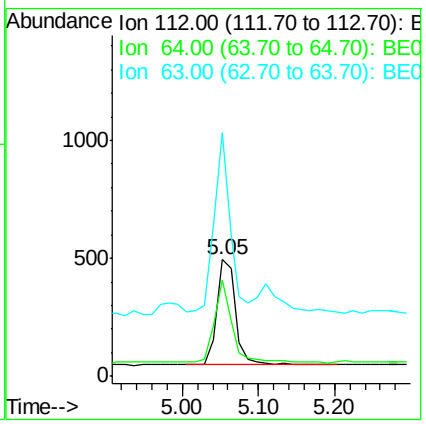


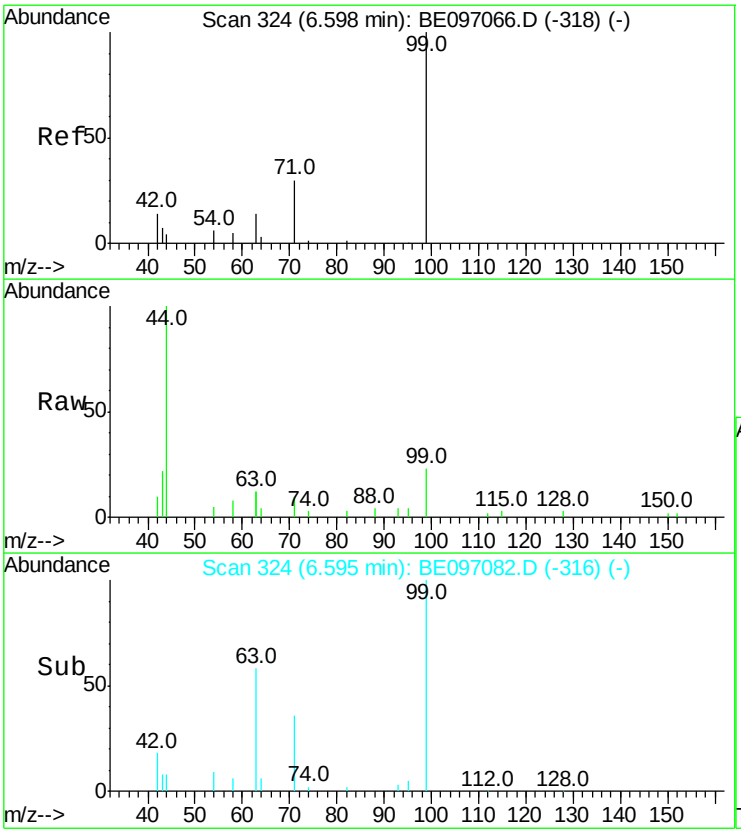
#4
2-Fluorophenol
Concen: 0.226 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 786

Ion	Ratio	Lower	Upper
112	100		
64	73.8	60.1	90.1
63	144.4	116.8	175.2

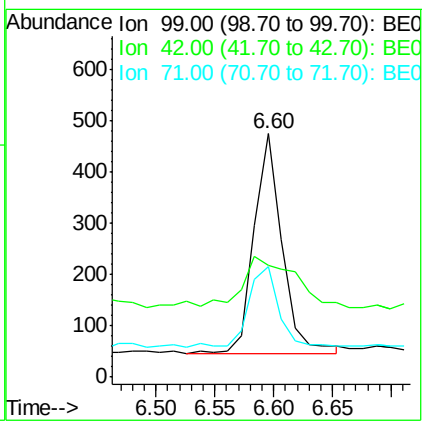


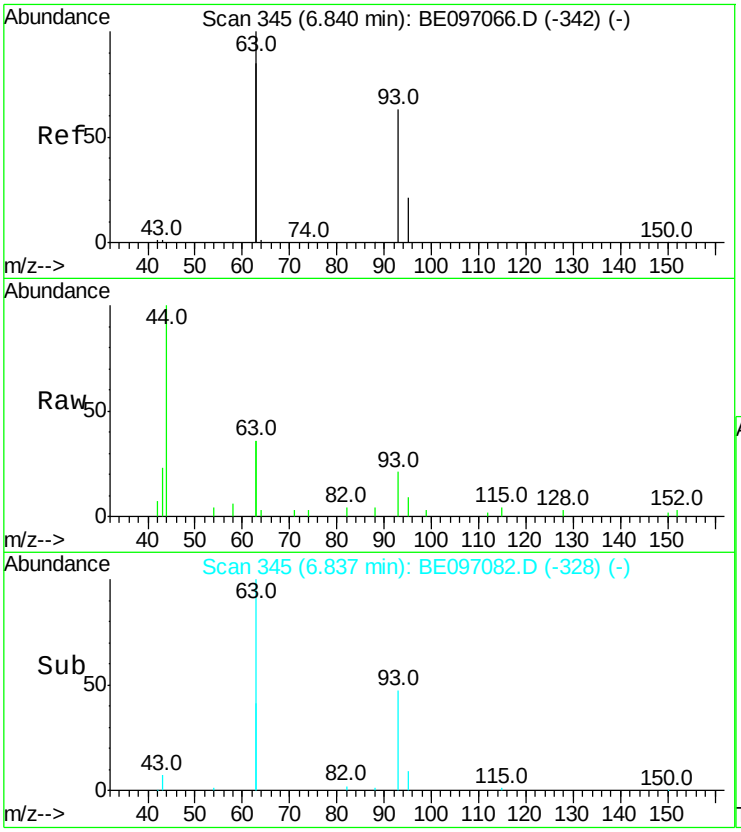


#5
Phenol-d6
Concen: 0.140 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion: 99 Resp: 714

Ion	Ratio	Lower	Upper
99	100		
42	39.9	20.2	30.2#
71	39.9	28.4	42.6



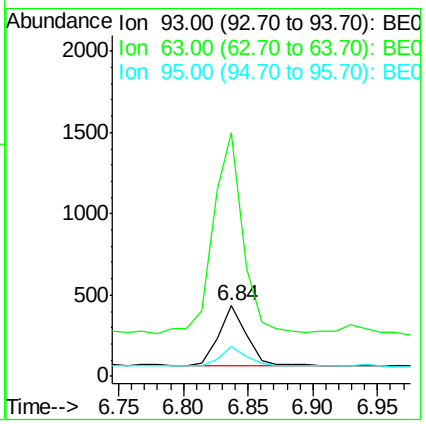


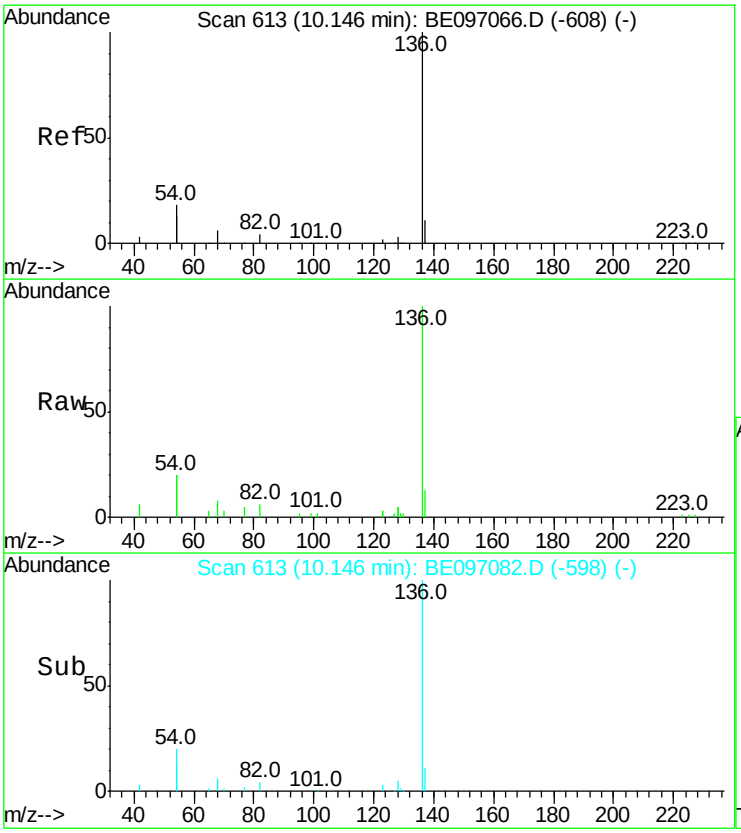
#6
bis(2-Chloroethyl)ether
Concen: 0.119 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 557

Ion	Ratio	Lower	Upper
93	100		
63	359.1	275.3	412.9
95	32.3	25.2	37.8

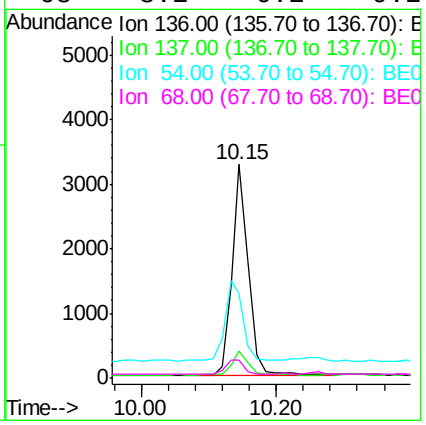


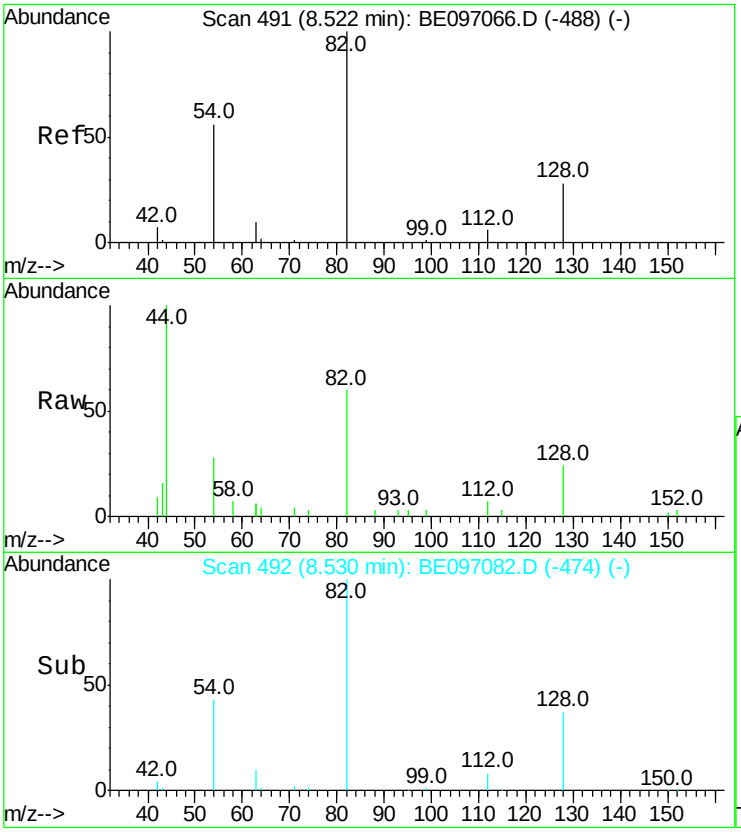


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:136 Resp: 5519

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	39.6	29.1	43.7
68	8.2	6.2	9.2



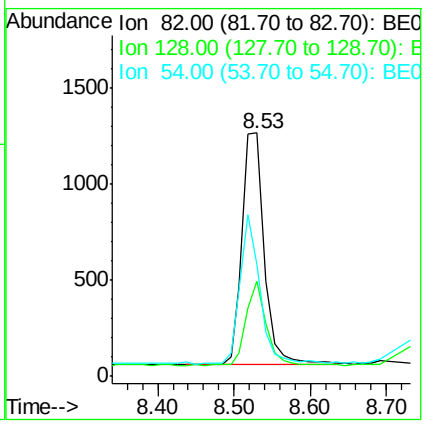


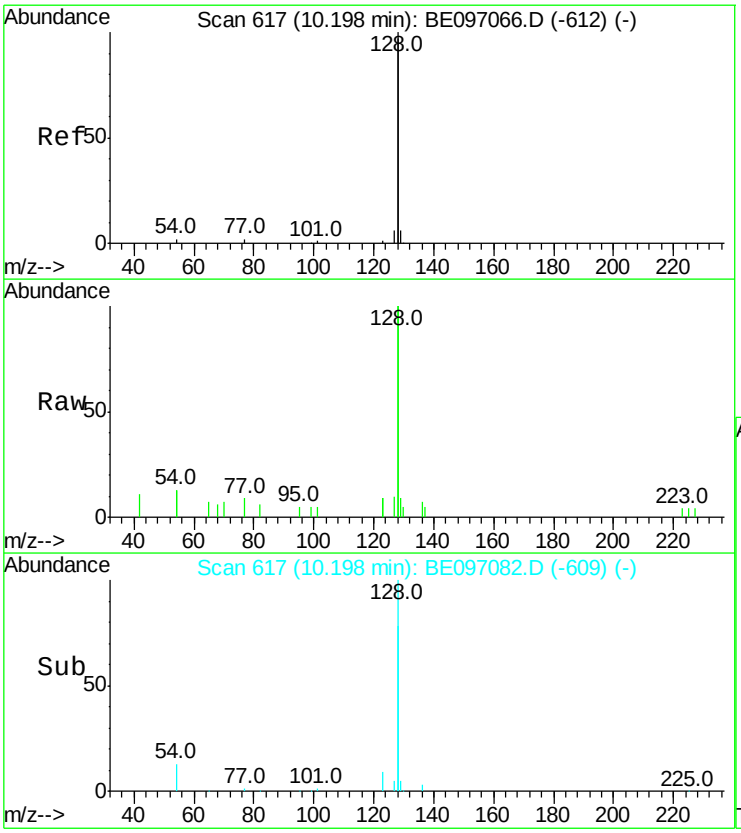
#8
Nitrobenzene-d5
Concen: 0.512 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 2457

Ion	Ratio	Lower	Upper
82	100		
128	39.2	24.0	36.0#
54	46.0	40.0	60.0

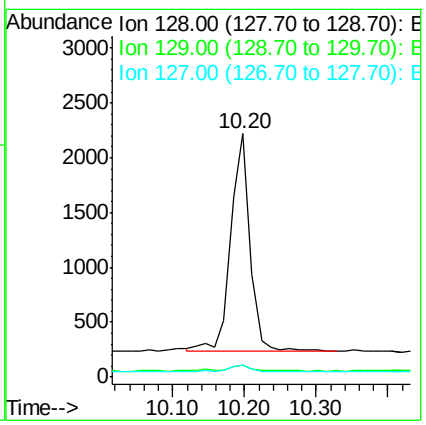


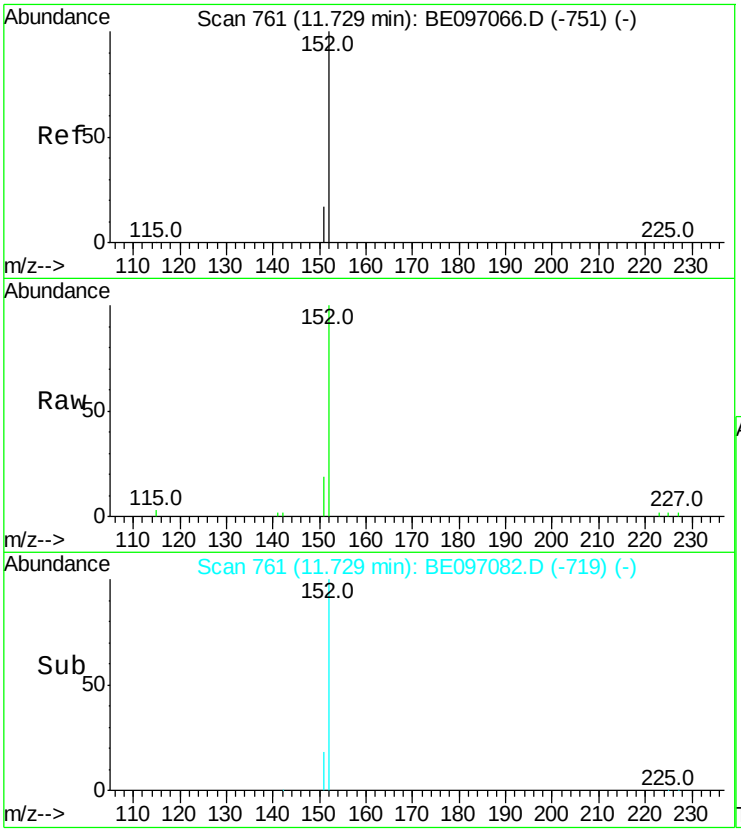


#9
Naphthalene
Concen: 0.074 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:128 Resp: 3660

Ion	Ratio	Lower	Upper
128	100		
129	4.7	2.6	3.8#
127	5.0	2.8	4.2#



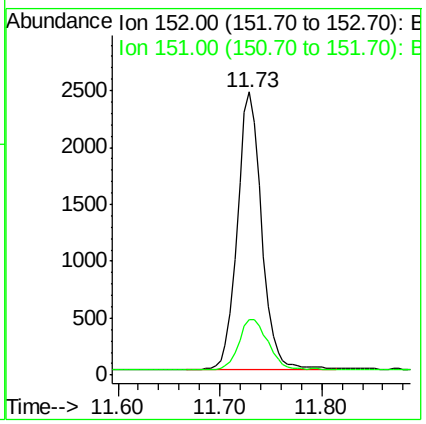


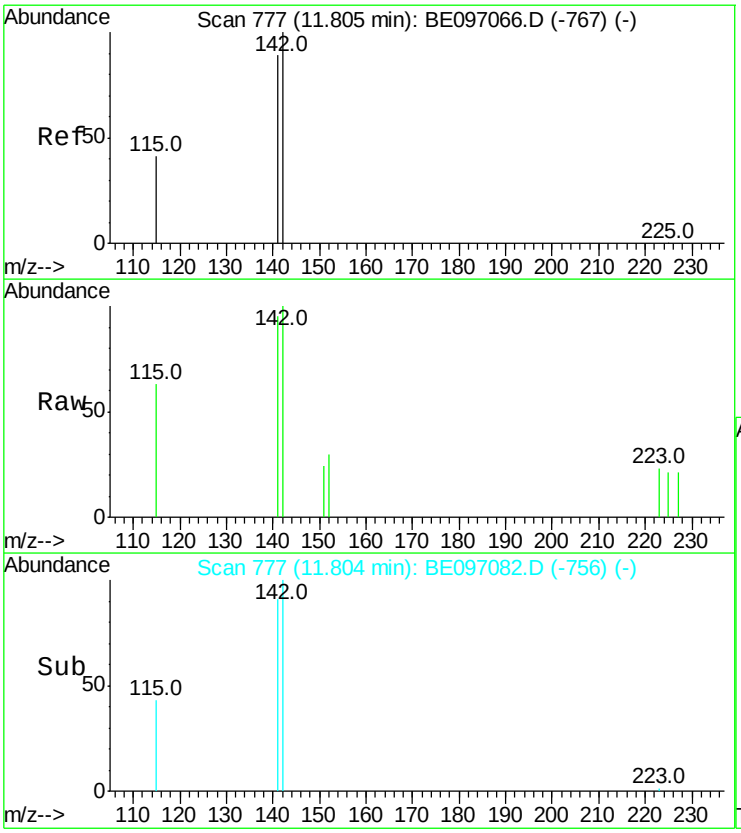
#11
2-Methylnaphthalene-d10
Concen: 0.489 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4036

Ion	Ratio	Lower	Upper
152	100		
151	21.9	15.4	23.0

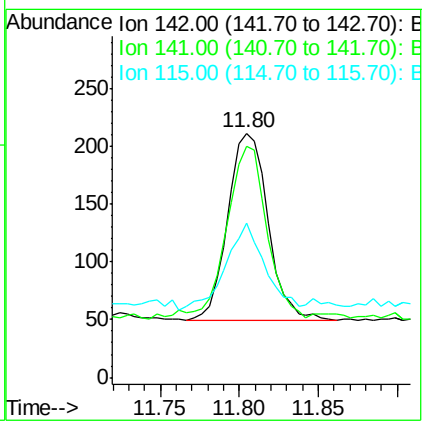


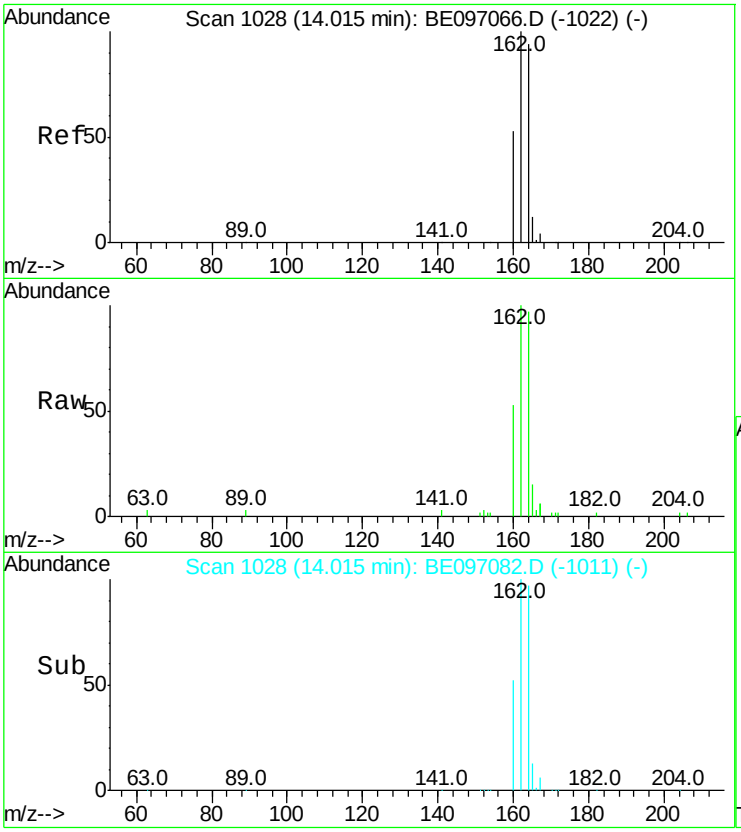


#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 11.80 min Scan# 777
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:142 Resp: 288

Ion	Ratio	Lower	Upper
142	100		
141	94.8	70.4	105.6
115	63.0	31.7	47.5#



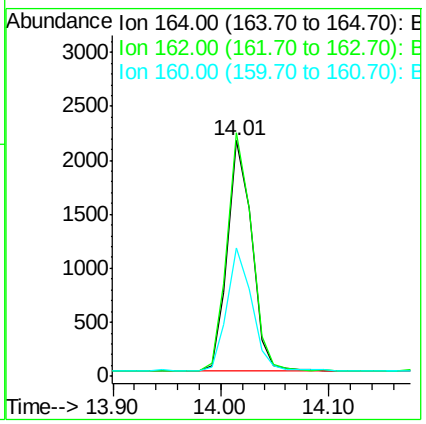


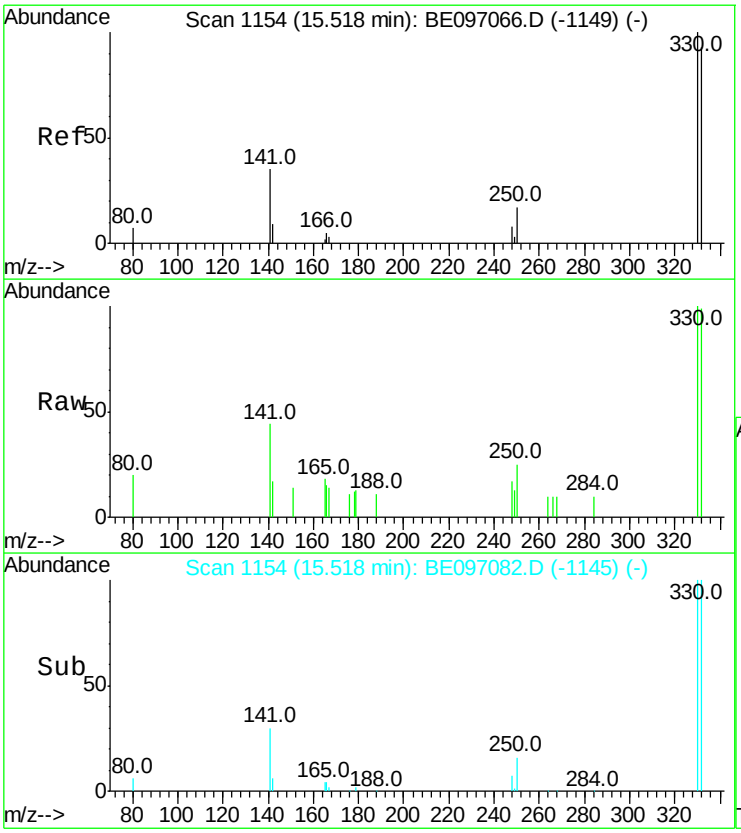
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 3338

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.1	124.7
160	54.6	37.1	55.7

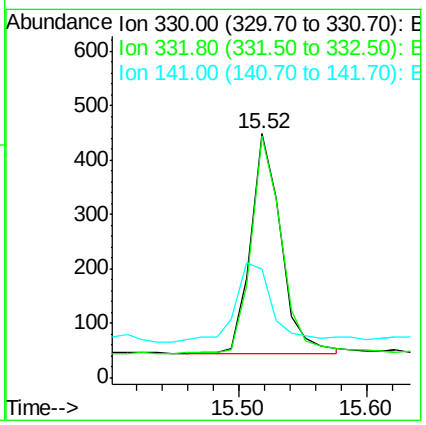


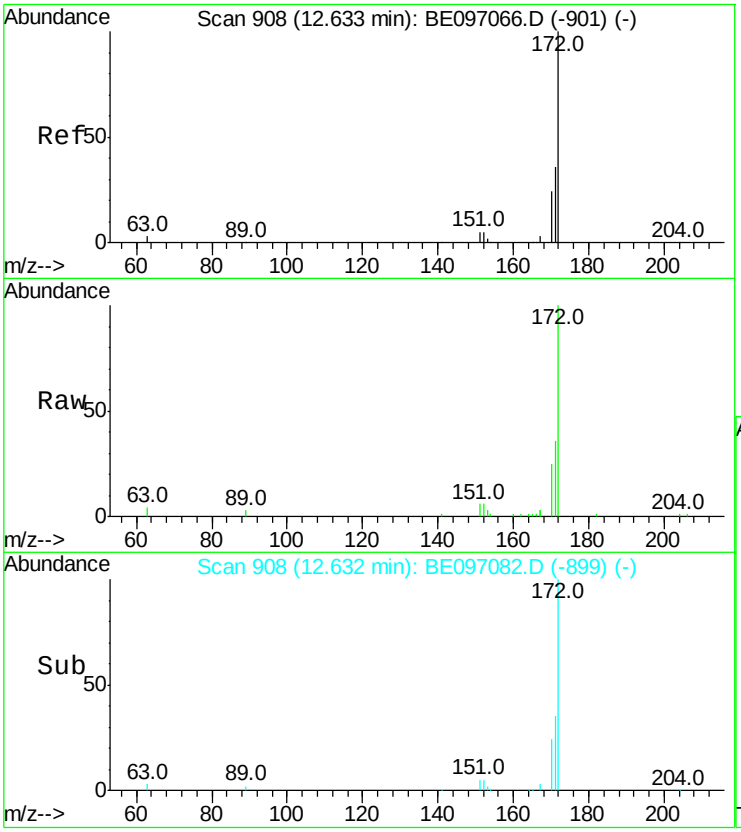


#14
2,4,6-Tribromophenol
Concen: 0.615 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:330 Resp: 676

Ion	Ratio	Lower	Upper
330	100		
332	97.5	152.7	229.1#
141	44.4	33.7	50.5



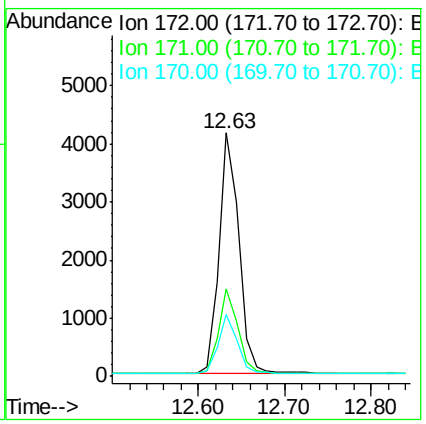


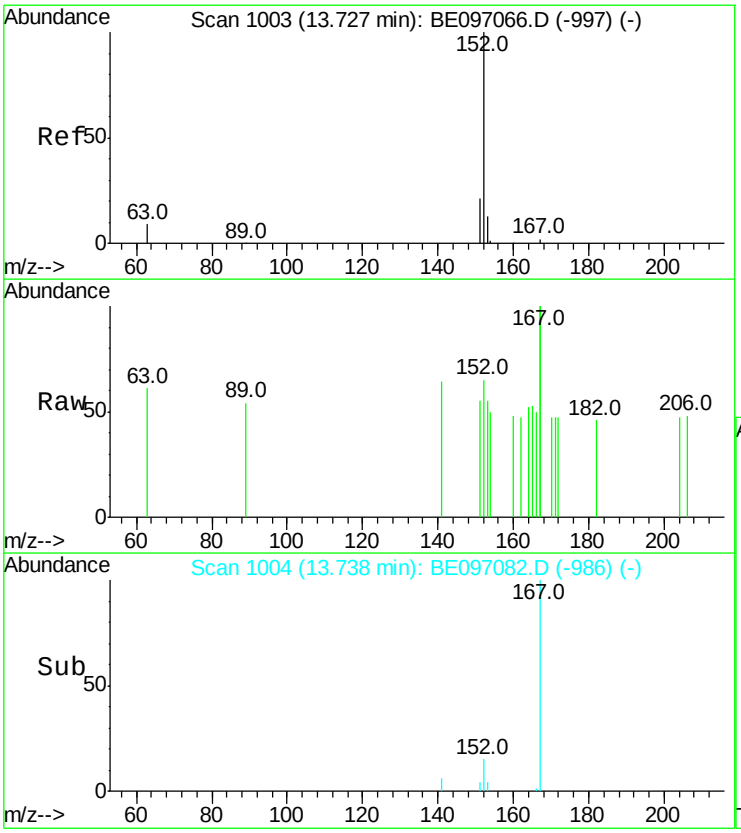
#15
2-Fluorobiphenyl
Concen: 0.583 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6722

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	25.2	21.8	32.8

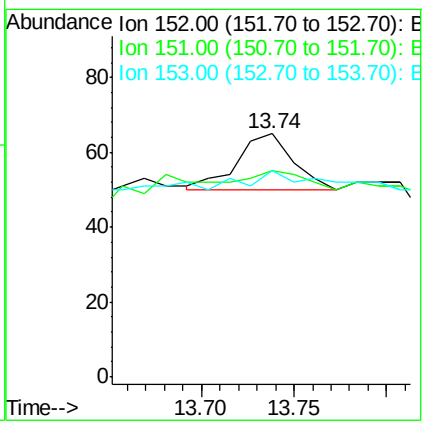


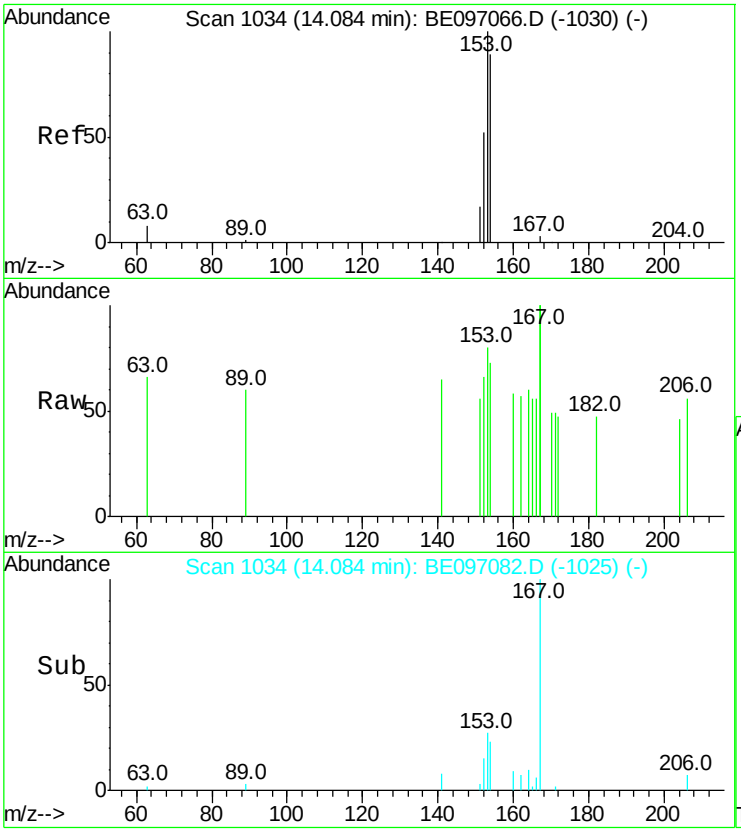


#16
Acenaphthylene
Concen: 0.002 ng
RT: 13.74 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:152 Resp: 31

Ion	Ratio	Lower	Upper
152	100		
151	38.7	15.7	23.5#
153	54.8	10.5	15.7#



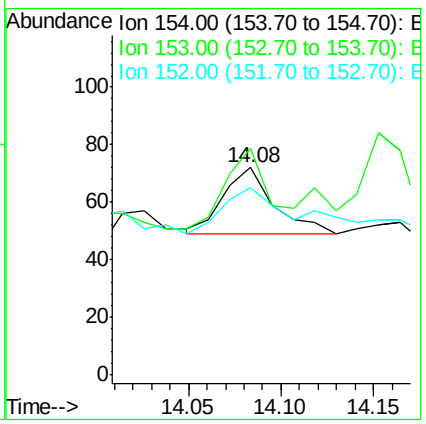


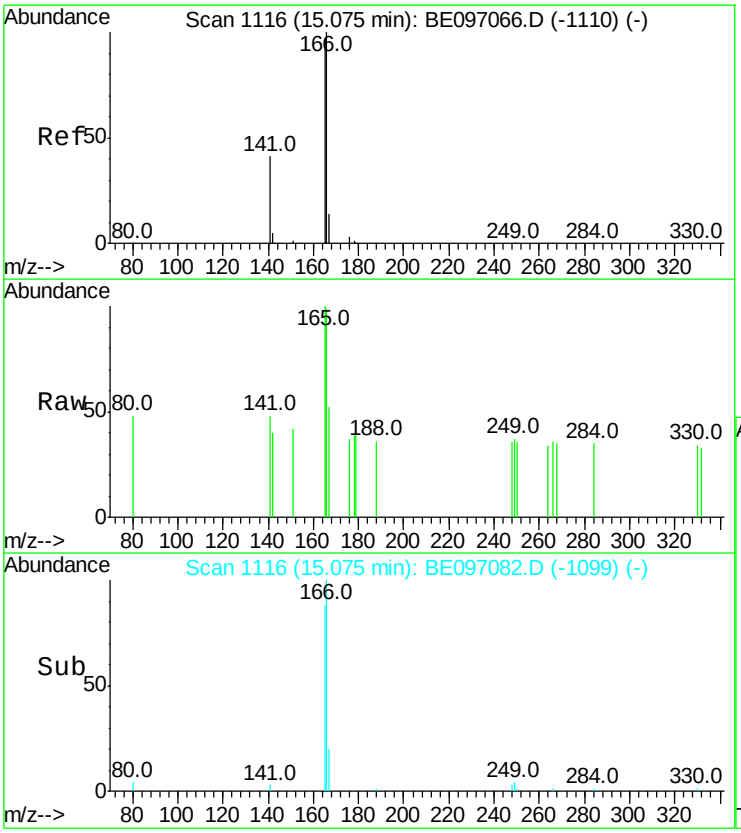
#17
Acenaphthene
Concen: 0.005 ng
RT: 14.08 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 44

Ion	Ratio	Lower	Upper
154	100		
153	104.5	89.2	133.8
152	102.3	42.0	63.0#

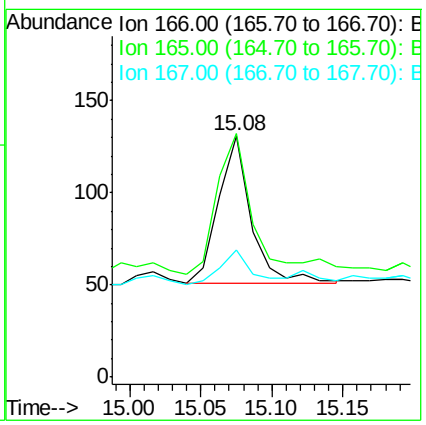


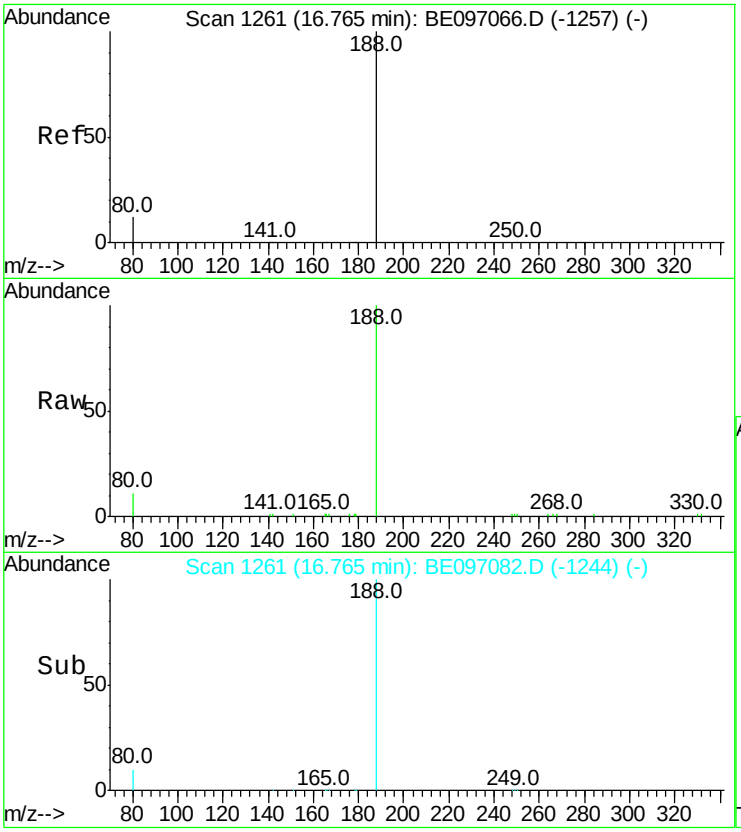


#18
Fluorene
Concen: 0.011 ng
RT: 15.08 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:166 Resp: 127

Ion	Ratio	Lower	Upper
166	100		
165	111.8	77.8	116.6
167	22.0	42.4	63.6#



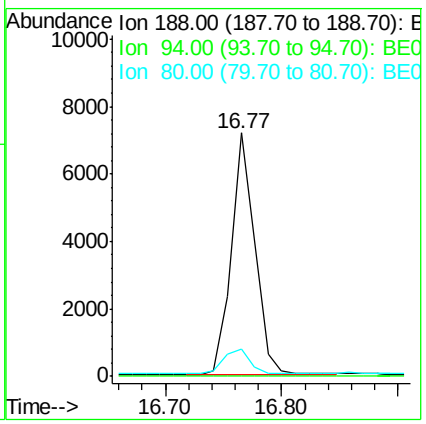


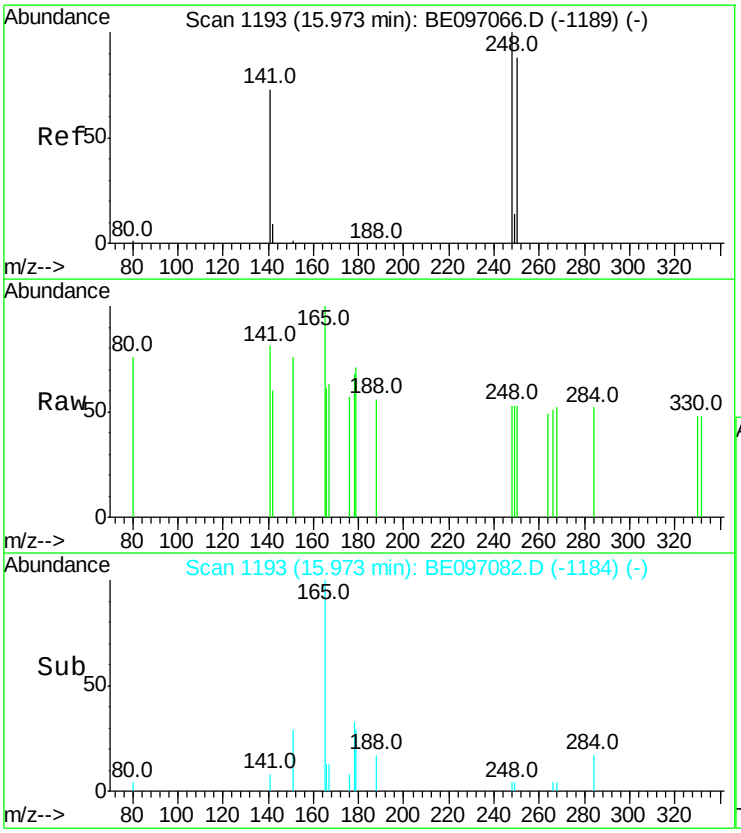
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 10109

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.5	3.6	5.4#

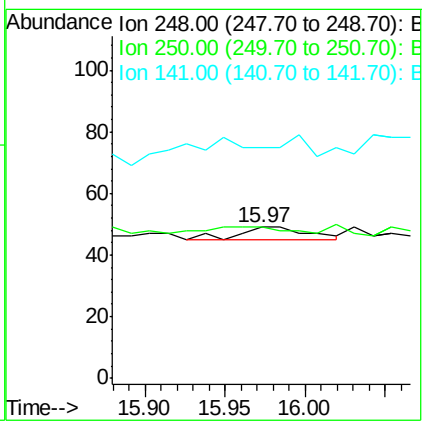


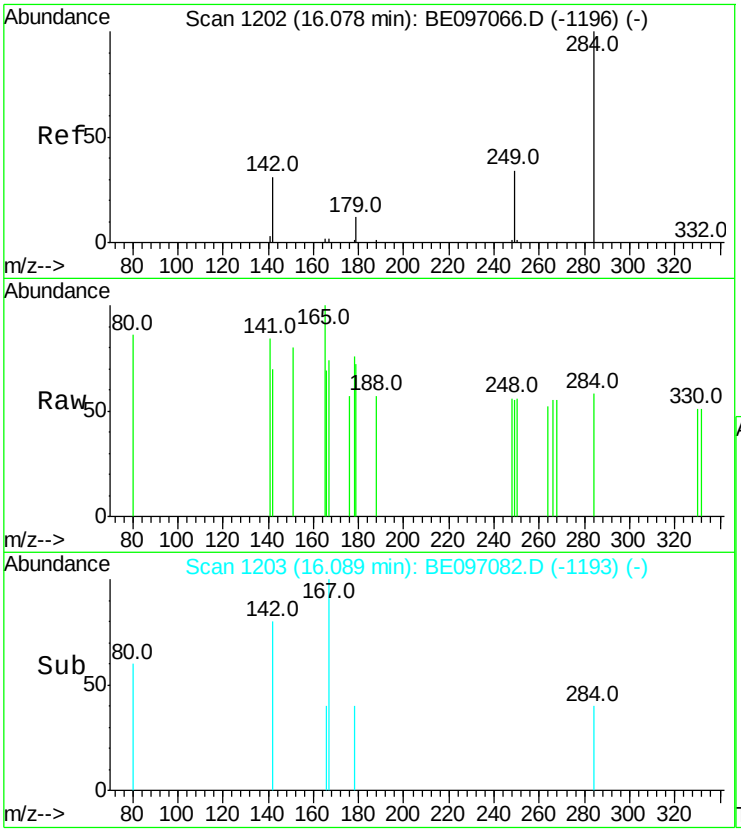


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 15.97 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:248 Resp: 12

Ion	Ratio	Lower	Upper
248	100		
250	100.0	62.7	94.1#
141	153.1	48.2	72.2#



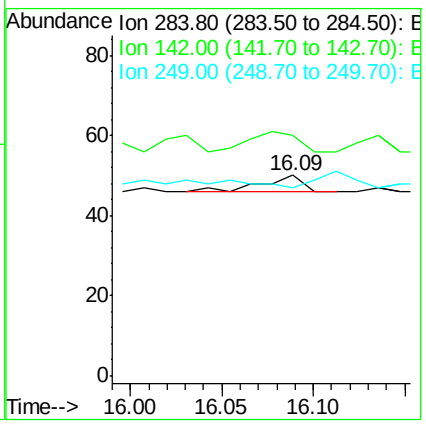


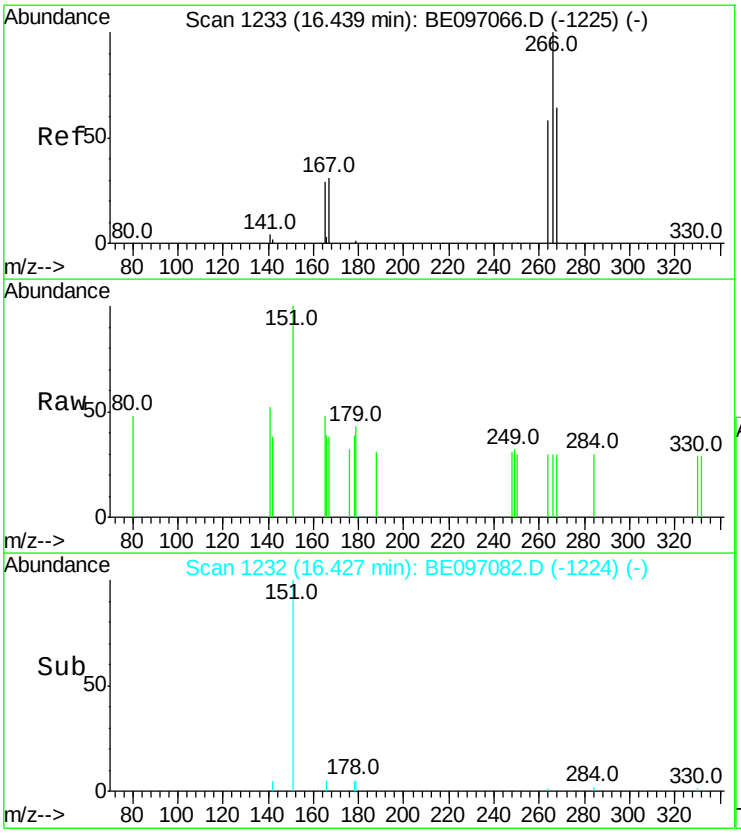
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	150.0	22.1	33.1#
249	0.0	34.8	52.2#

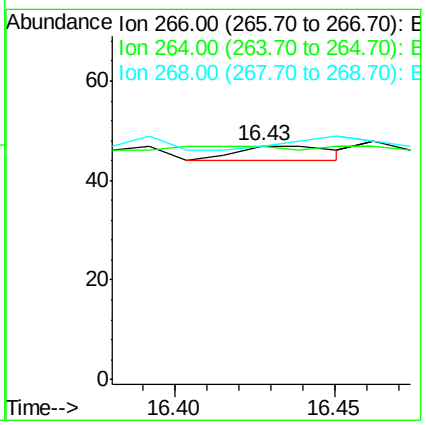


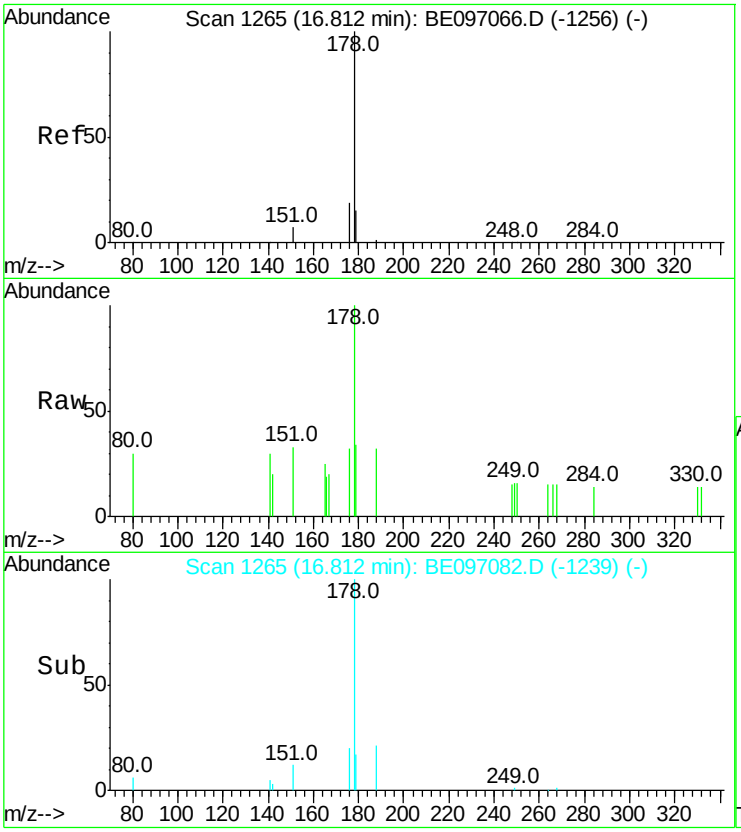


#22
Pentachlorophenol
Concen: 0.039 ng
RT: 16.43 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:266 Resp: 6

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



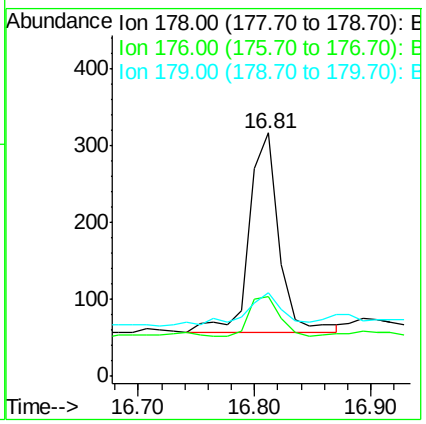


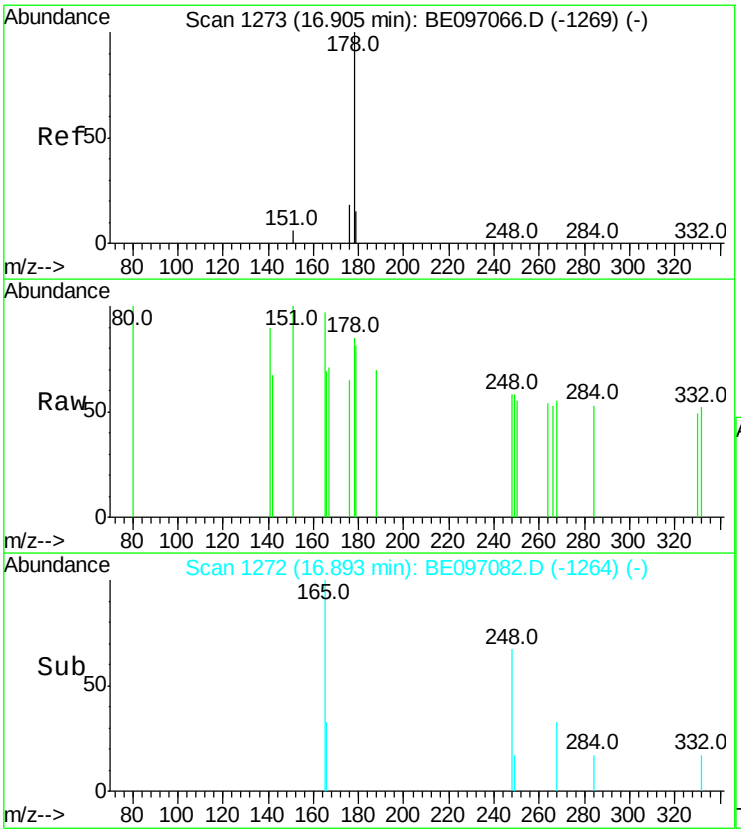
#23
Phenanthrene
Concen: 0.019 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 468

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	21.6	11.8	17.6#

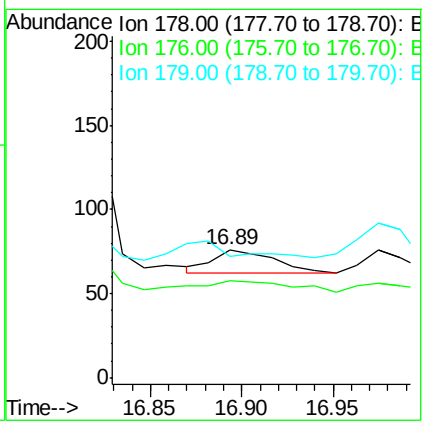


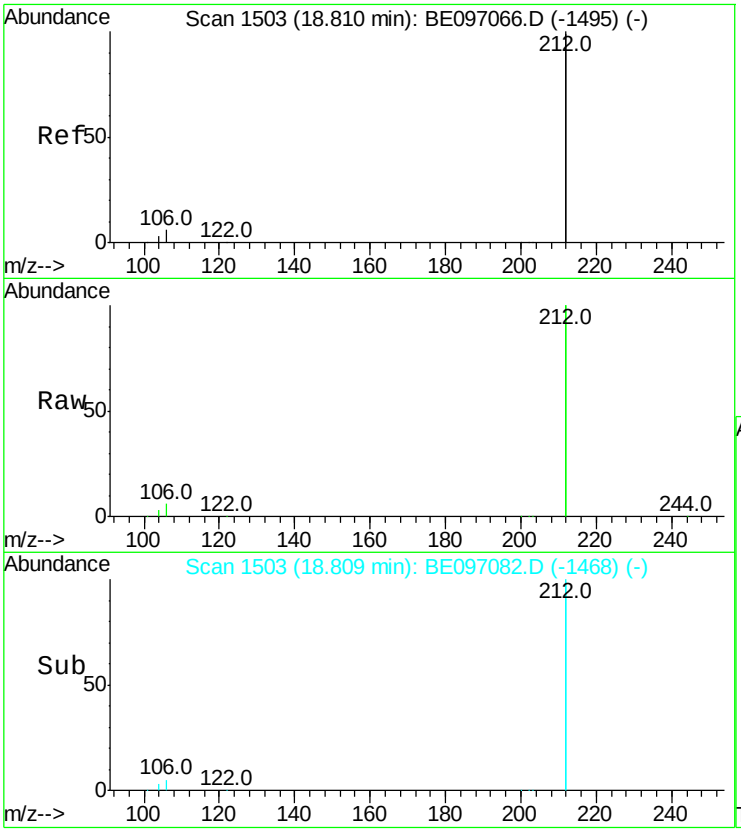


#24
Anthracene
Concen: 0.002 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:178 Resp: 33

Ion	Ratio	Lower	Upper
178	100		
176	75.8	12.8	19.2#
179	81.8	13.0	19.6#



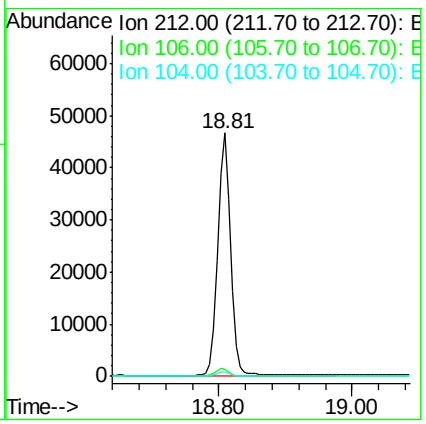


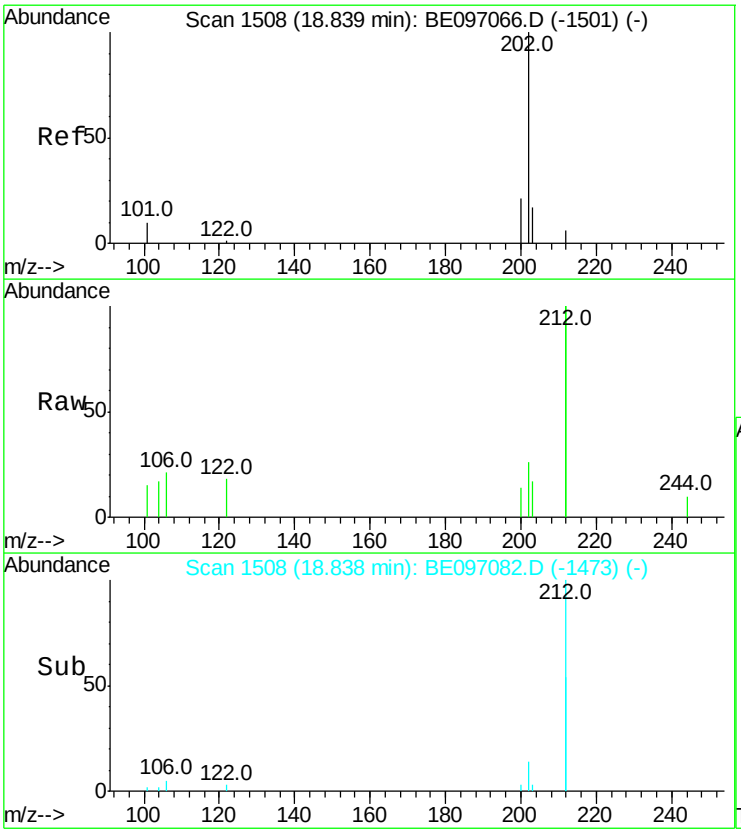
#25
Fluoranthene-d10
Concen: 0.611 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 61862

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

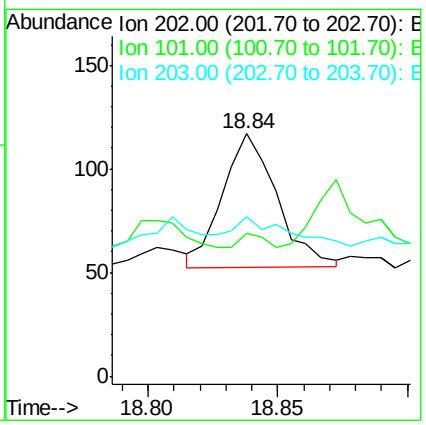


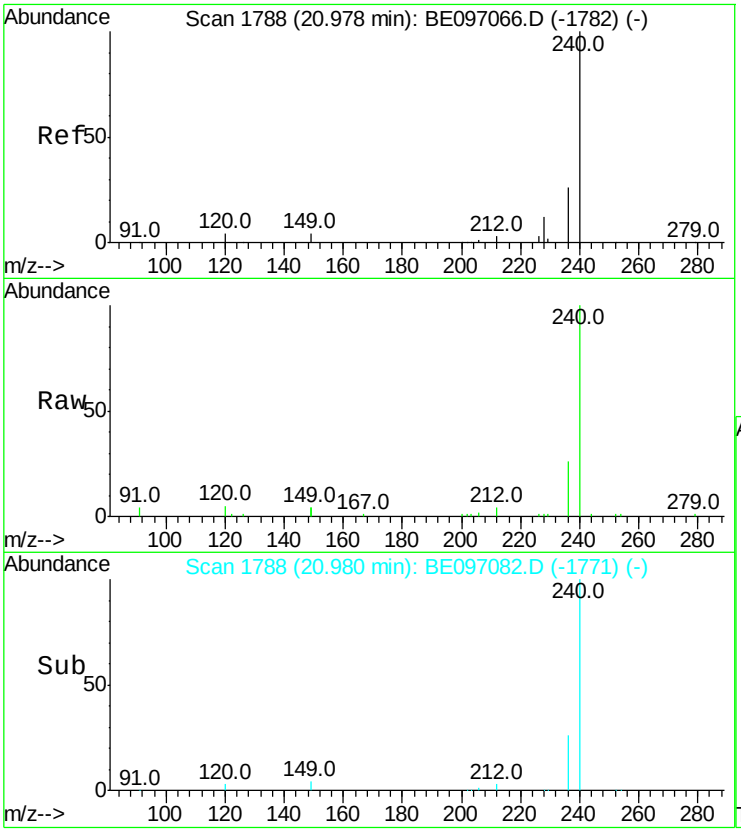


#26
Fluoranthene
Concen: 0.003 ng
RT: 18.84 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:202 Resp: 94

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	28.7	13.7	20.5#



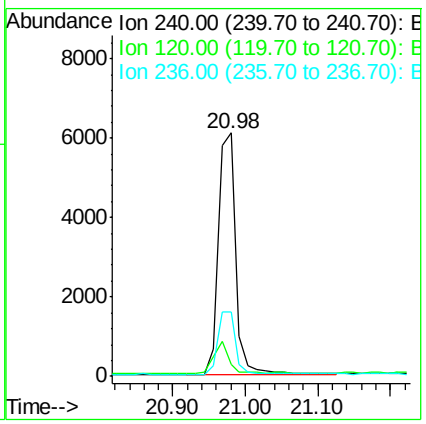


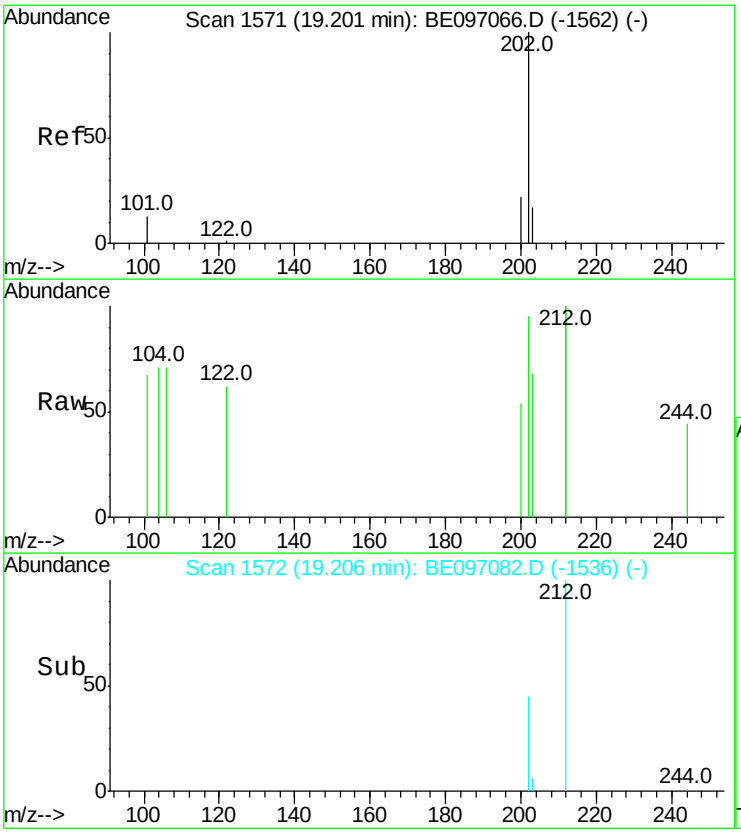
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 10247

Ion	Ratio	Lower	Upper
240	100		
120	4.7	5.5	8.3#
236	26.5	20.7	31.1

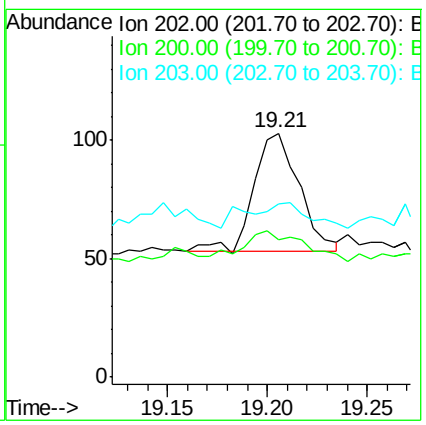


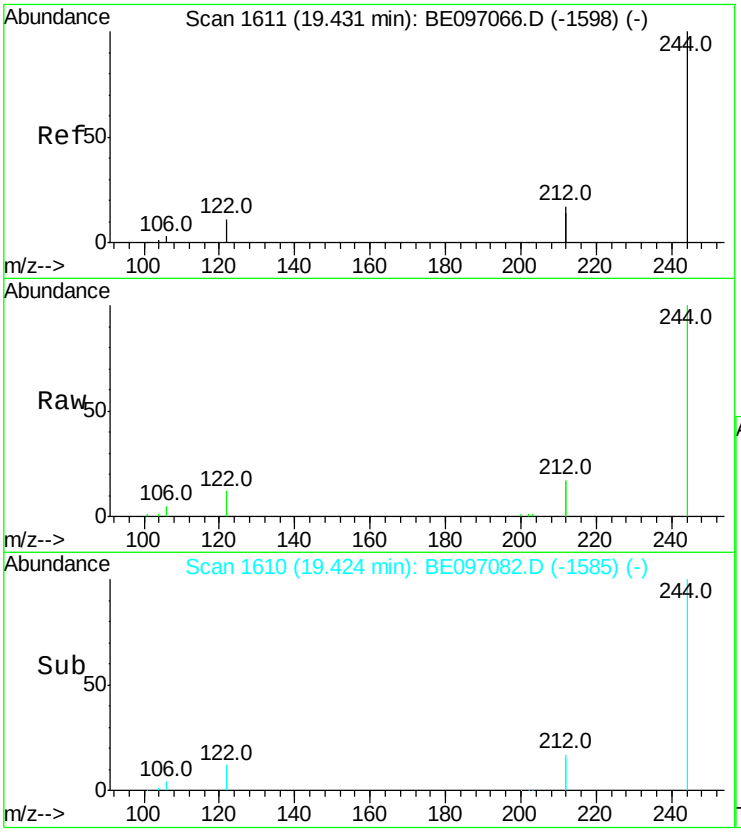


#28
Pyrene
Concen: 0.003 ng
RT: 19.21 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:202 Resp: 79

Ion	Ratio	Lower	Upper
202	100		
200	34.2	16.6	25.0#
203	19.0	13.8	20.8



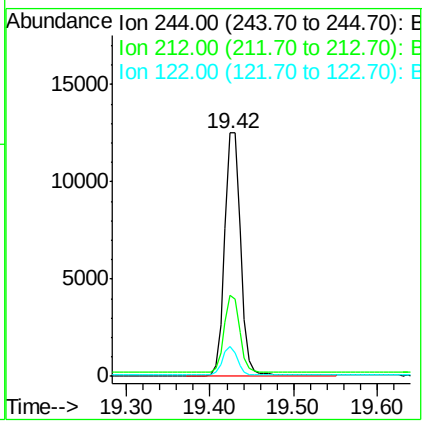


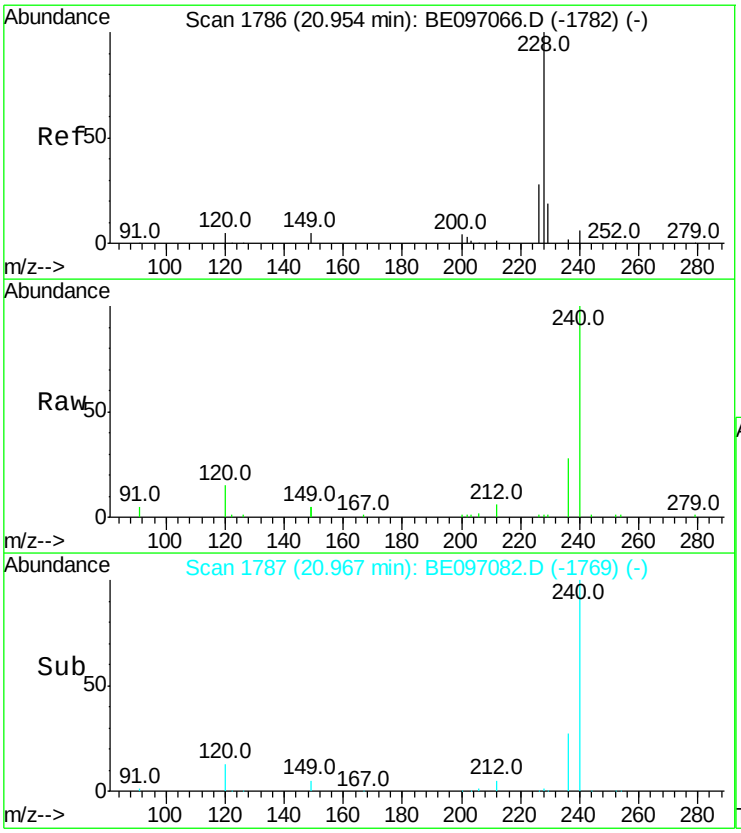
#29
Terphenyl-d14
Concen: 0.834 ng
RT: 19.42 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 16413

Ion	Ratio	Lower	Upper
244	100		
212	33.0	25.4	38.0
122	12.4	8.1	12.1#

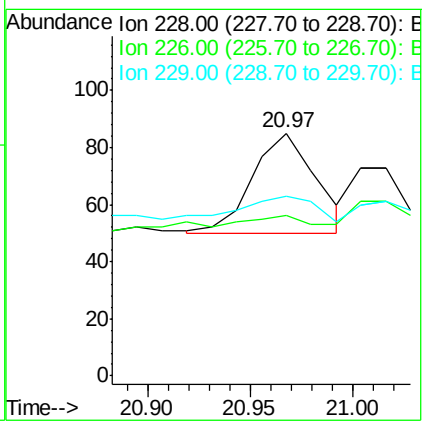


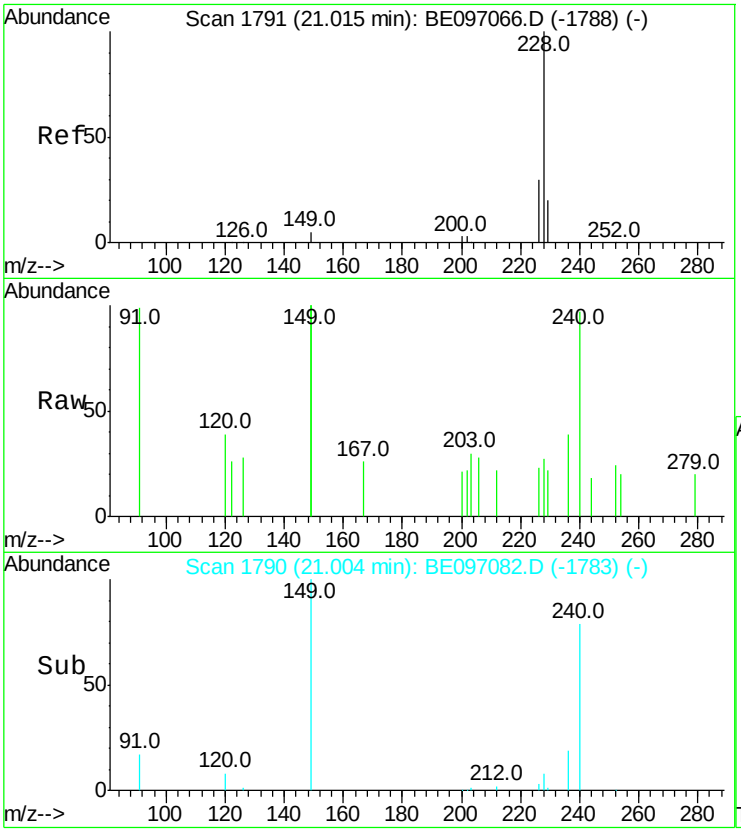


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 20.97 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:228 Resp: 75

Ion	Ratio	Lower	Upper
228	100		
226	65.9	24.0	36.0#
229	74.1	16.0	24.0#



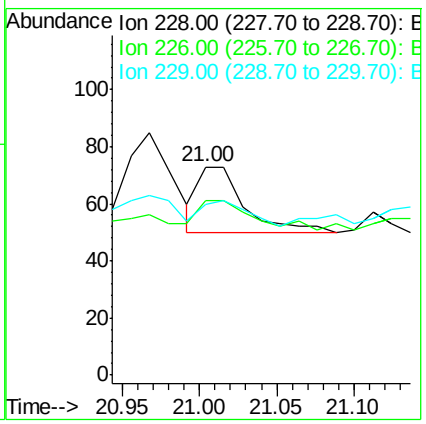


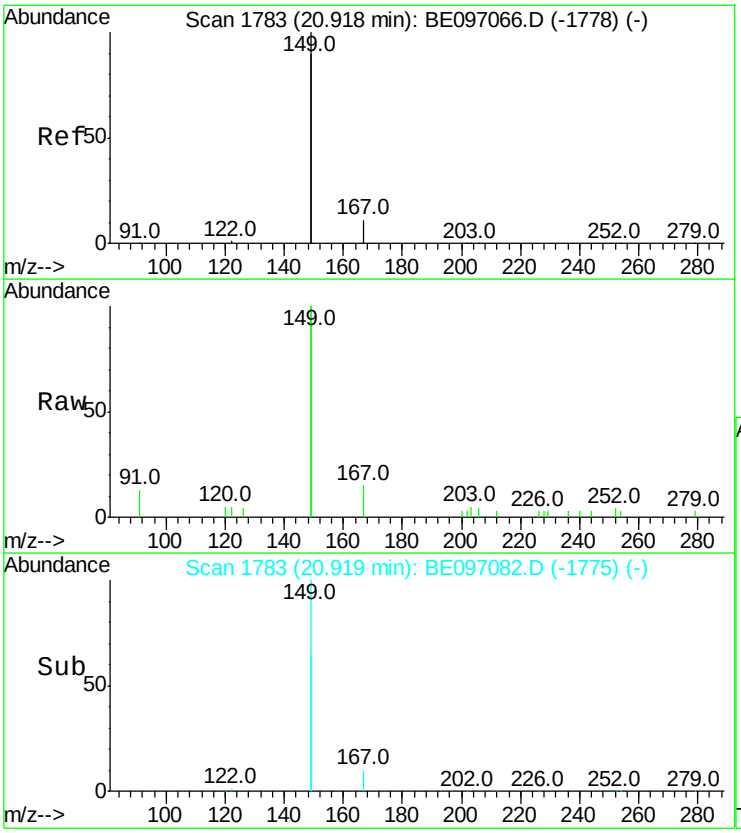
#31
Chrysene
Concen: 0.002 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 48

Ion	Ratio	Lower	Upper
228	100		
226	83.6	24.0	36.0#
229	82.2	16.0	24.0#

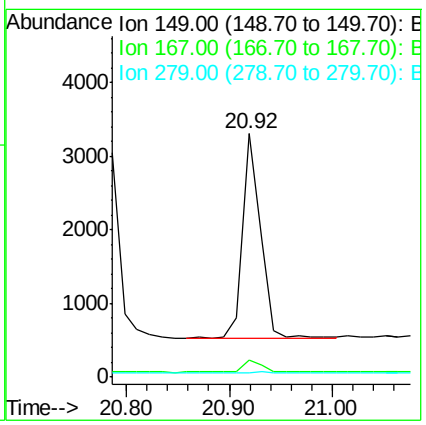


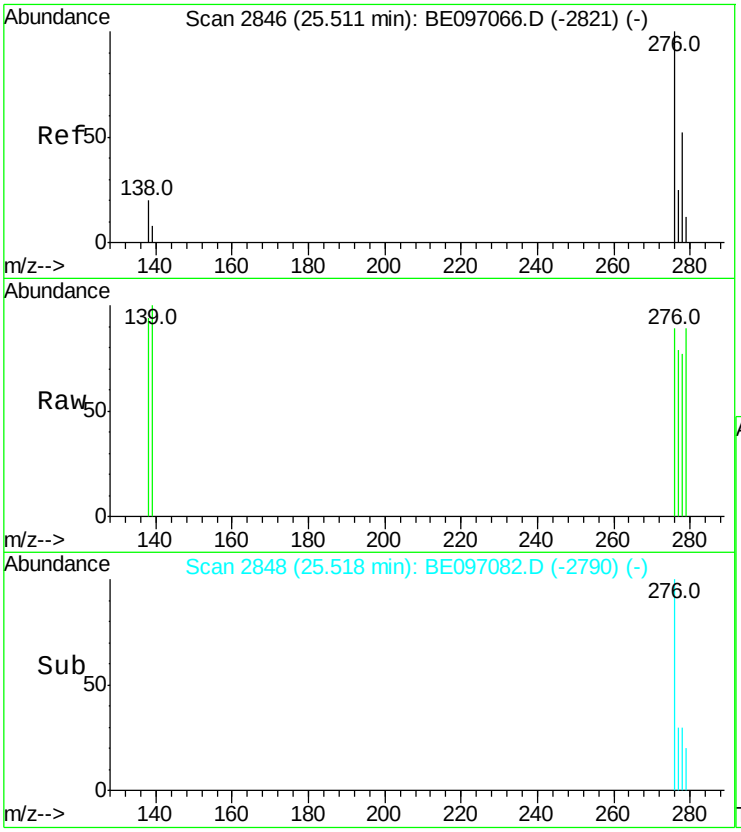


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 20.92 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:149 Resp: 3379

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.1	0.7	1.1#



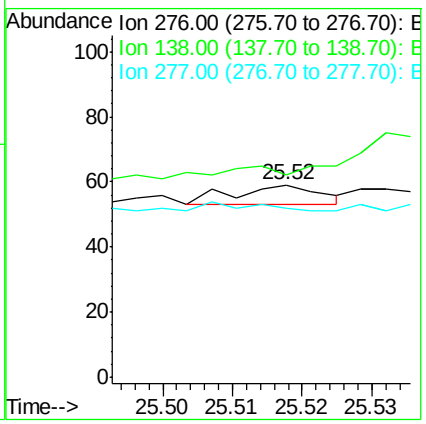


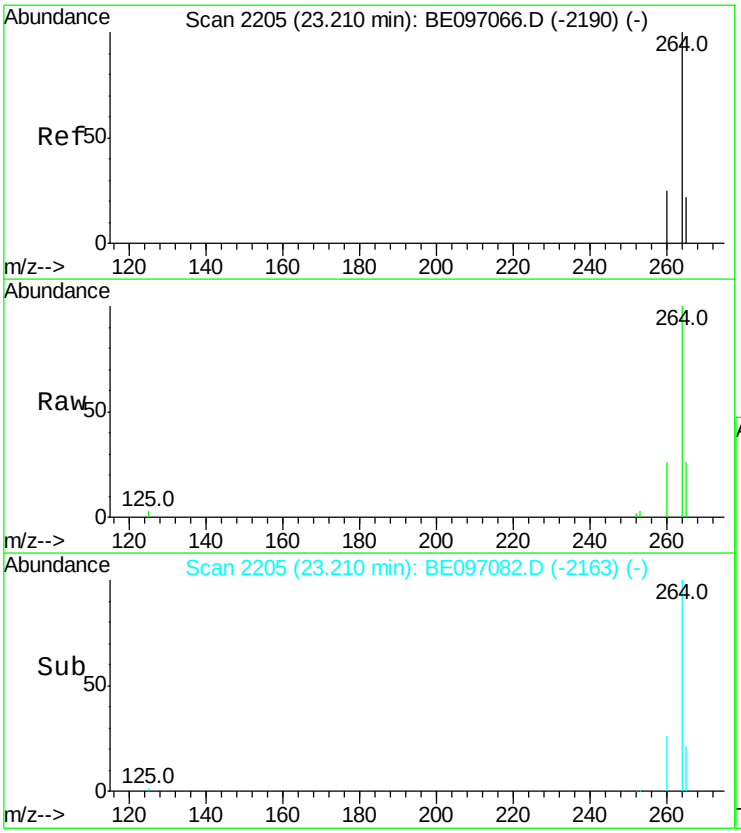
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.52 min Scan# 2848
Delta R.T. 0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 5

Ion	Ratio	Lower	Upper
276	100		
138	120.0	22.5	33.7#
277	100.0	19.9	29.9#

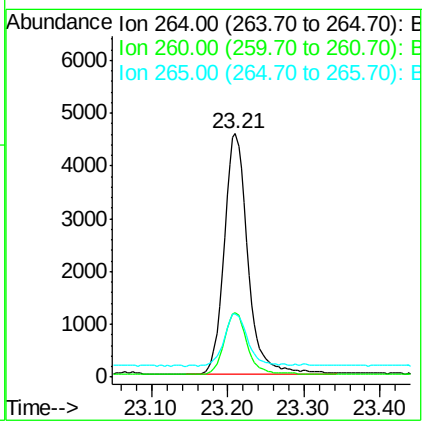


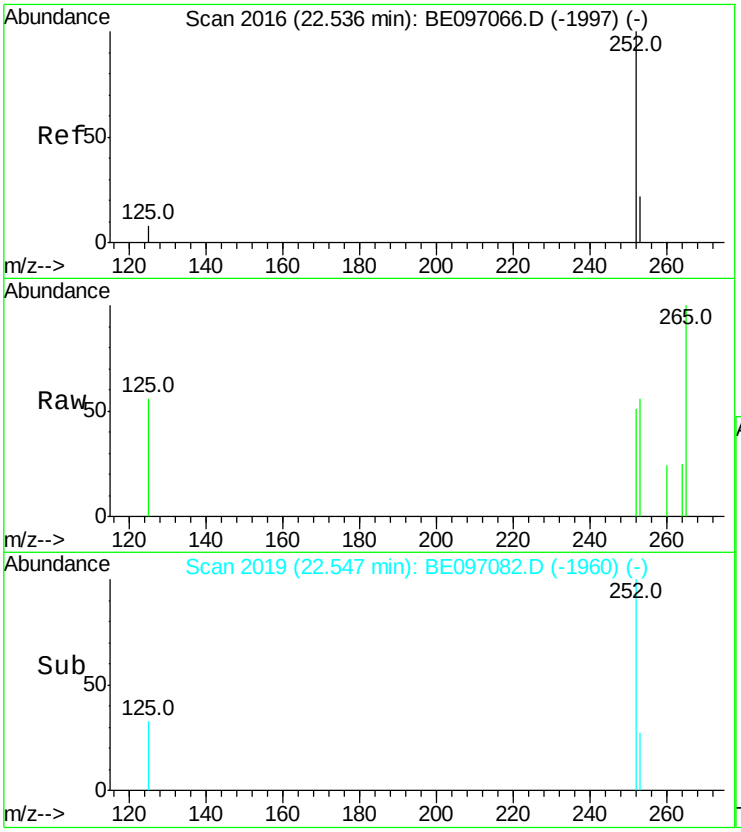


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:264 Resp: 9865

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	26.0	22.8	34.2



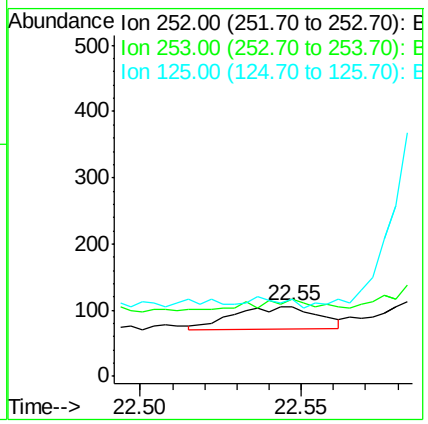


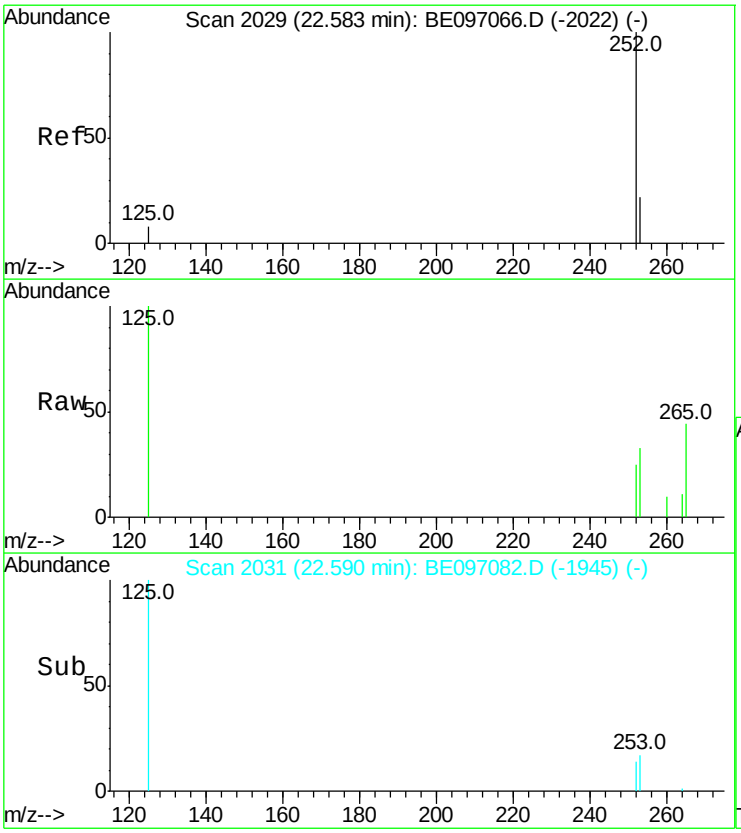
#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.55 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 62

Ion	Ratio	Lower	Upper
252	100		
253	109.4	20.0	30.0#
125	110.4	16.0	24.0#

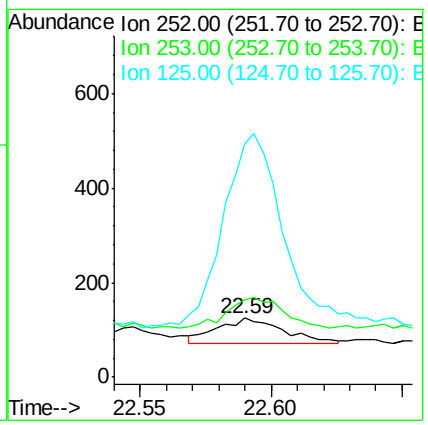


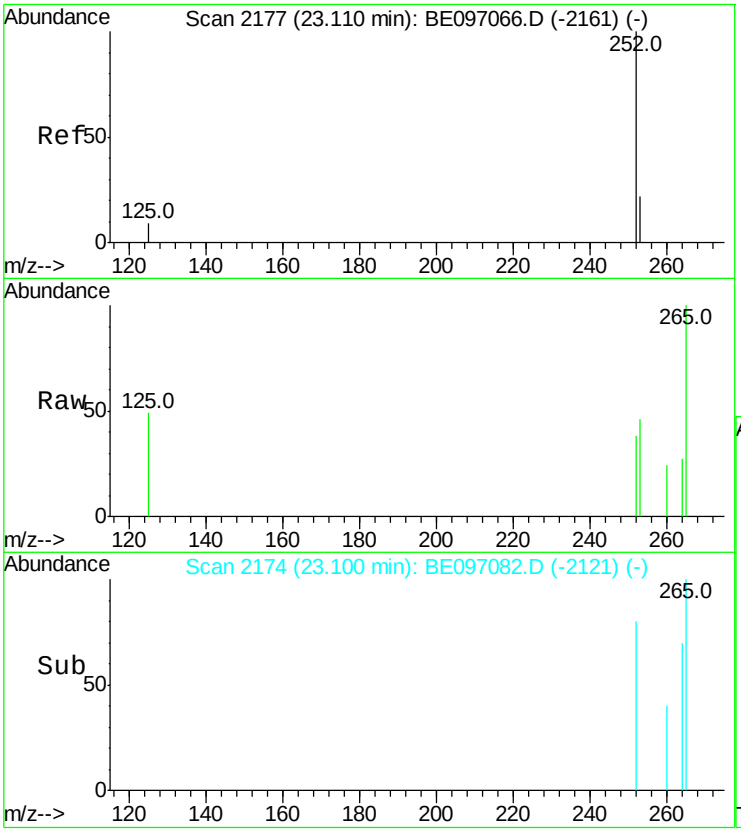


#36
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 22.59 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:252 Resp: 93

Ion	Ratio	Lower	Upper
252	100		
253	131.2	16.0	24.0#
125	396.0	8.0	12.0#



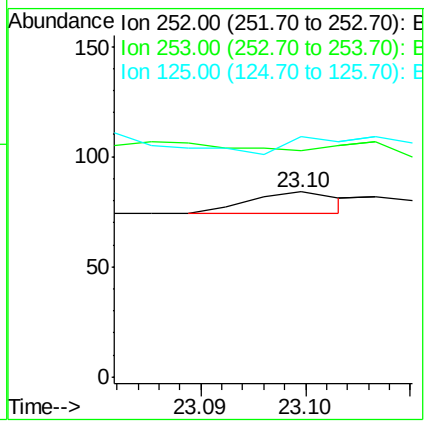


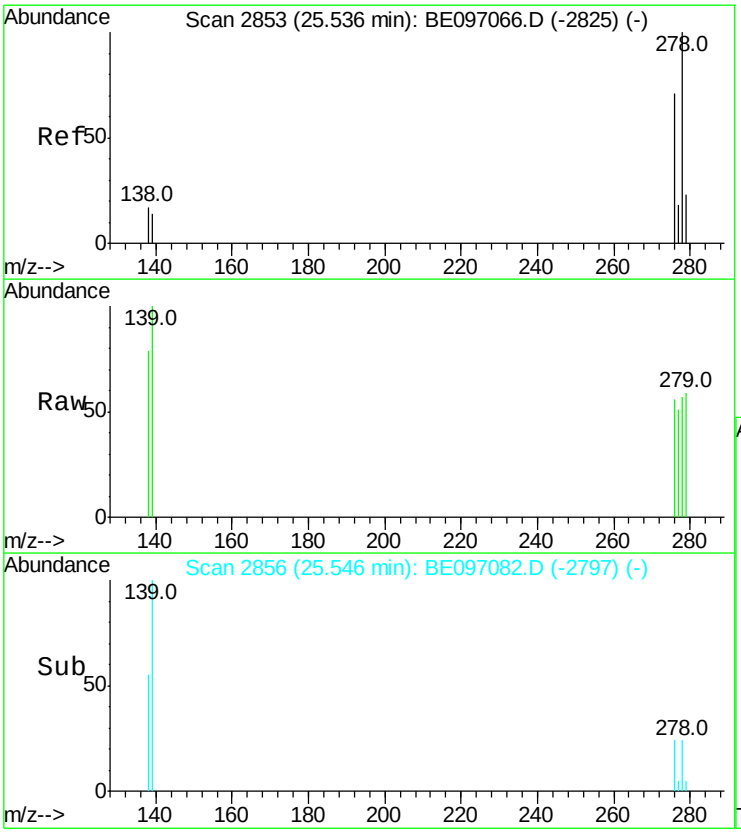
#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.10 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	122.6	16.0	24.0#
125	129.8	12.0	18.0#

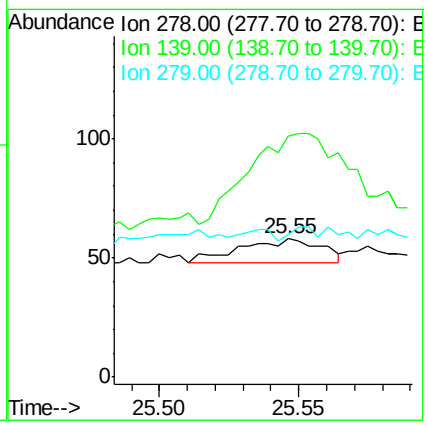


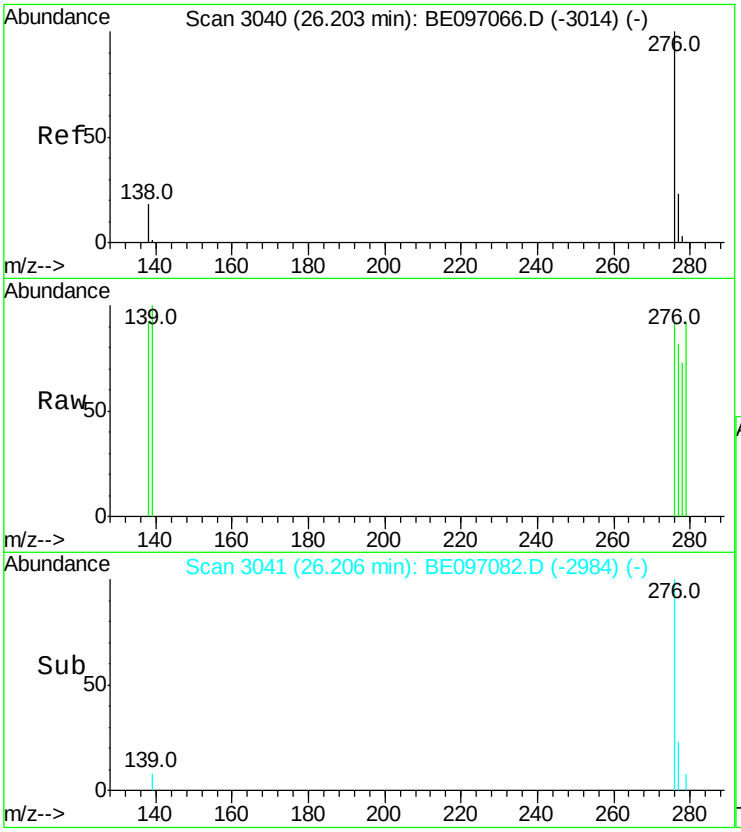


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.55 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Tgt Ion:278 Resp: 20

Ion	Ratio	Lower	Upper
278	100		
139	174.1	16.0	24.0#
279	103.4	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.21 min Scan# 3041
Delta R.T. 0.00 min
Lab File: BE097082.D
Acq: 24 Jul 2018 21:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 24

Ion	Ratio	Lower	Upper
276	100		
277	88.5	16.0	24.0#
138	100.0	20.0	30.0#