Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097078.D
Acq On : 24 Jul 2018 19:06
Operator : SJ/JU
Sample : J4073-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 25 00:38:05 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	1291	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	6218	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	4159	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	11500	0.40	ng		0.00
27) Chrysene-d12	20.97	240	11682	0.40	ng		-0.01
34) Perylene-d12	23.21	264	11110	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	776	0.21	ng		0.00
5) Phenol-d6	6.60	99	688	0.13	ng		0.00
8) Nitrobenzene-d5	8.52	82	2709	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	4243	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	774	0.57	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	8338	0.58	ng		0.00
25) Fluoranthene-d10	18.81	212	63590	0.55	ng		0.00
29) Terphenyl-d14	19.43	244	12821	0.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	21	0.010	ng	#	16
3) n-Nitrosodimethylamine	3.36	42	17	0.007	ng	#	1
6) bis(2-Chloroethyl)ether	6.85	93	15	0.003	ng	#	1
9) Naphthalene	10.20	128	822	0.015	ng	#	77
10) Hexachlorobutadiene	10.47	225	2	0.001	ng	#	1
12) 2-Methylnaphthalene	11.80	142	20	0.002	ng	#	50
16) Acenaphthylene	13.77	152	88	0.005	ng	#	1
17) Acenaphthene	14.07	154	80	0.007	ng	#	23
18) Fluorene	15.08	166	96	0.007	ng		92
20) 4-Bromophenyl-phenylether	15.97	248	16	0.003	ng	#	36
21) Hexachlorobenzene	16.08	284	17	0.003	ng	#	1
22) Pentachlorophenol	16.45	266	13	0.044	ng		95
23) Phenanthrene	16.81	178	277	0.010	ng	#	81
24) Anthracene	16.91	178	52	0.002	ng		98
26) Fluoranthene	18.84	202	110	0.004	ng	#	76
28) Pyrene	19.21	202	84	0.003	ng	#	42
30) Benzo(a)anthracene	20.97	228	68	0.002	ng	#	3
31) Chrysene	20.97	228	68	0.002	ng	#	3
32) Bis(2-ethylhexyl)phthalate	20.92	149	5072	0.165	ng		97
33) Indeno(1,2,3-cd)pyrene	25.52	276	25	0.001	ng	#	56
35) Benzo(b)fluoranthene	22.54	252	61	0.002	ng	#	1
36) Benzo(k)fluoranthene	22.59	252	58	0.002	ng	#	1
37) Benzo(a)pyrene	23.10	252	7	0.000	ng	#	1
38) Dibenzo(a,h)anthracene	25.54	278	18	0.001	ng	#	1
39) Benzo(g,h,i)perylene	26.21	276	36	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 : BE097078.D
Acq On : 24 Jul 2018 19:06
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Sample : J4073-09
Misc :
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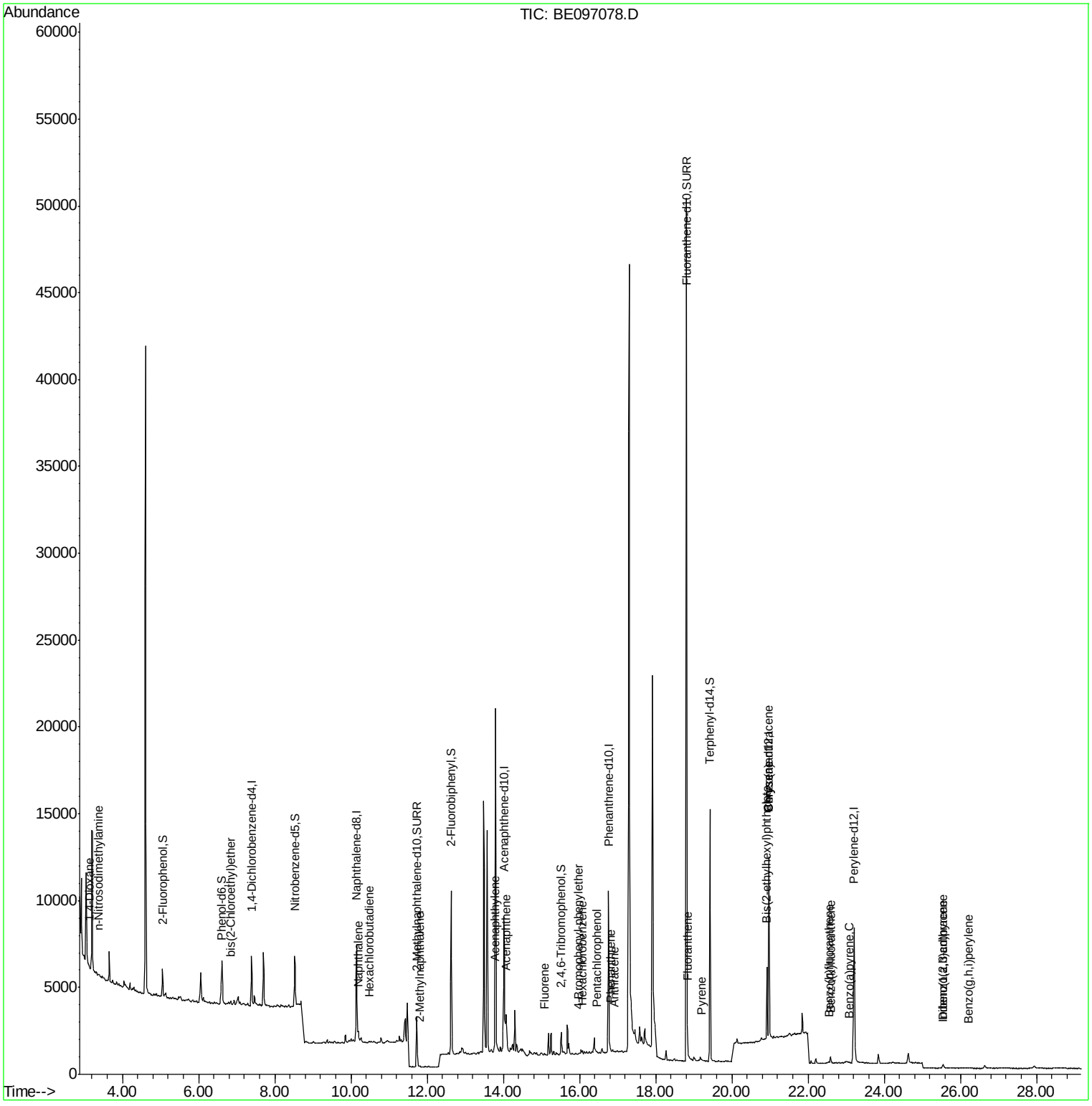
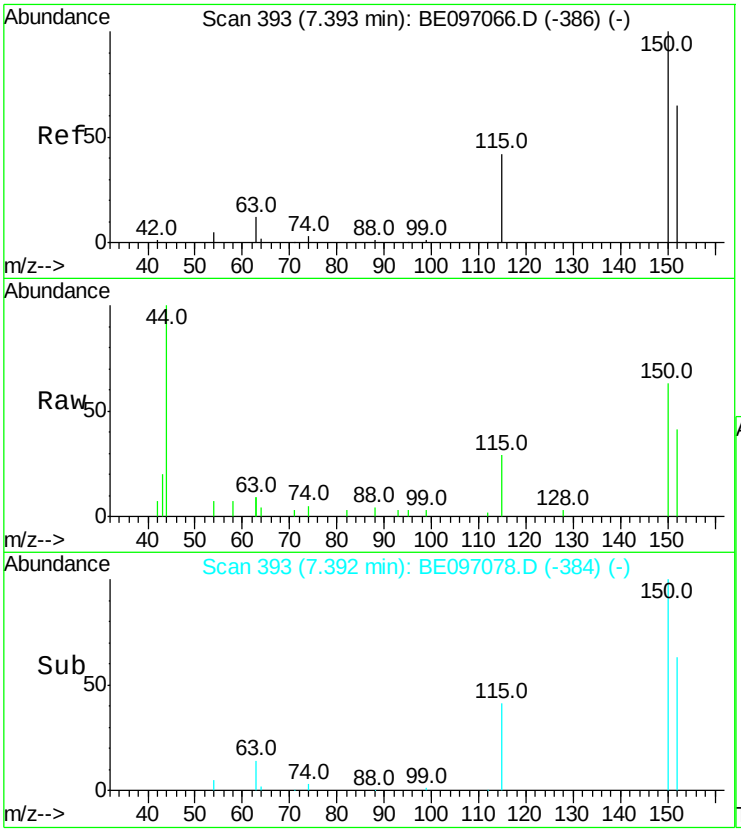
Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 25 00:38:05 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



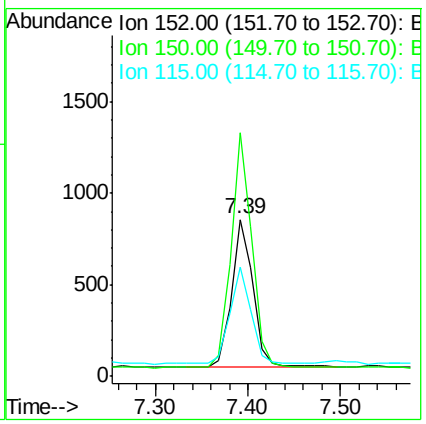


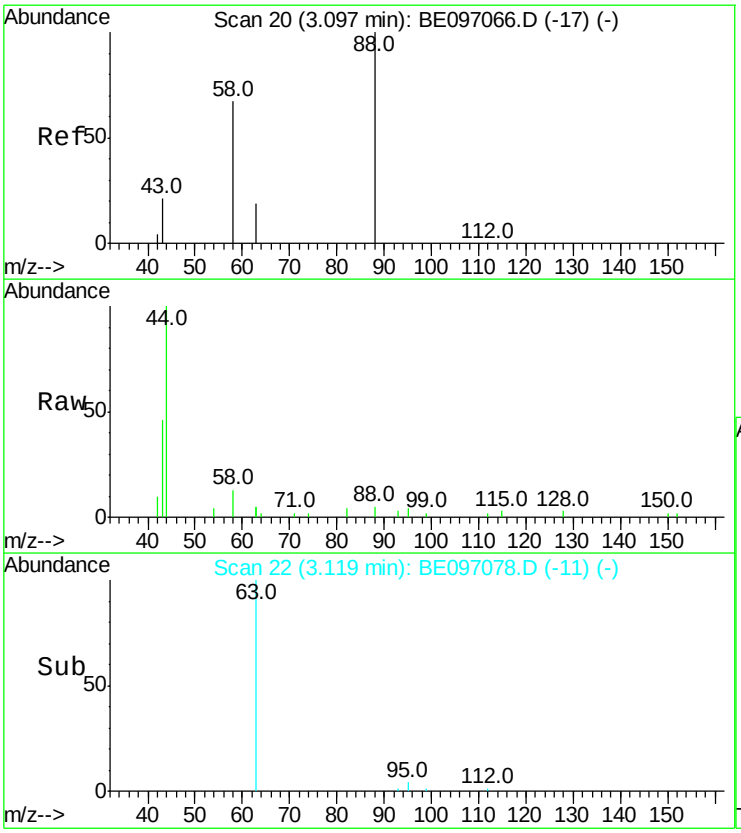
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1291

Ion	Ratio	Lower	Upper
152	100		
150	155.3	117.2	175.8
115	70.0	57.0	85.6

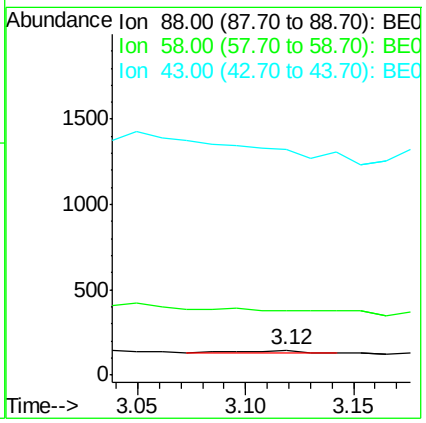


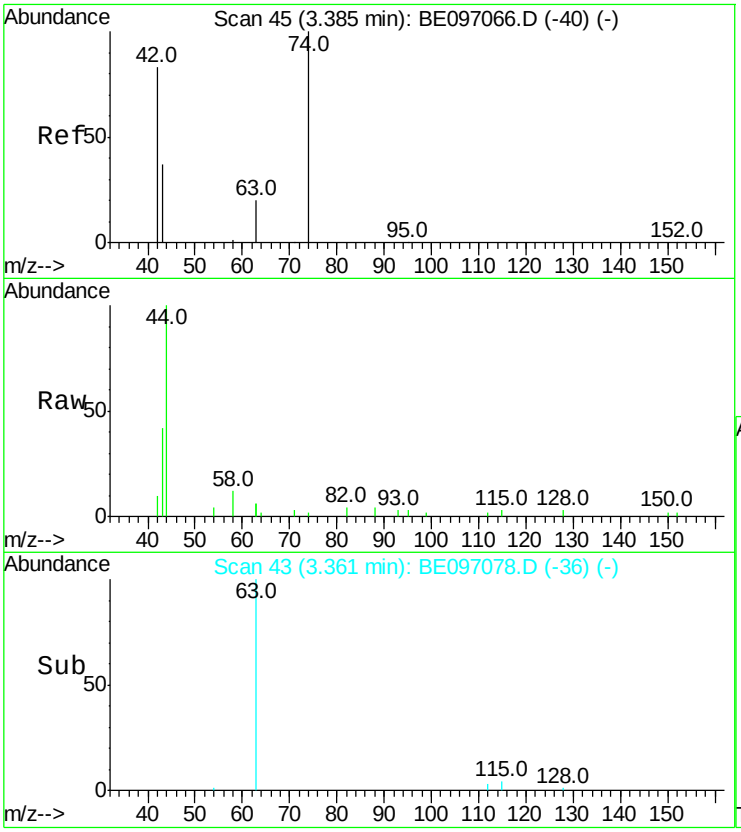


#2
1,4-Dioxane
Concen: 0.010 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.02 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion: 88 Resp: 21

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



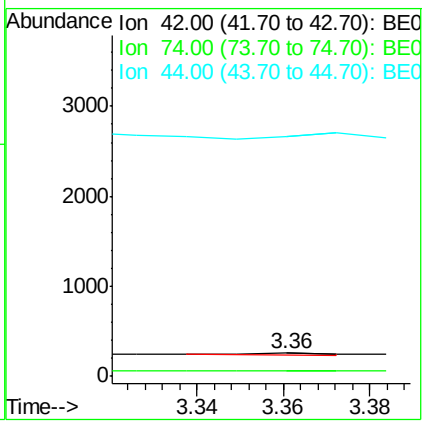


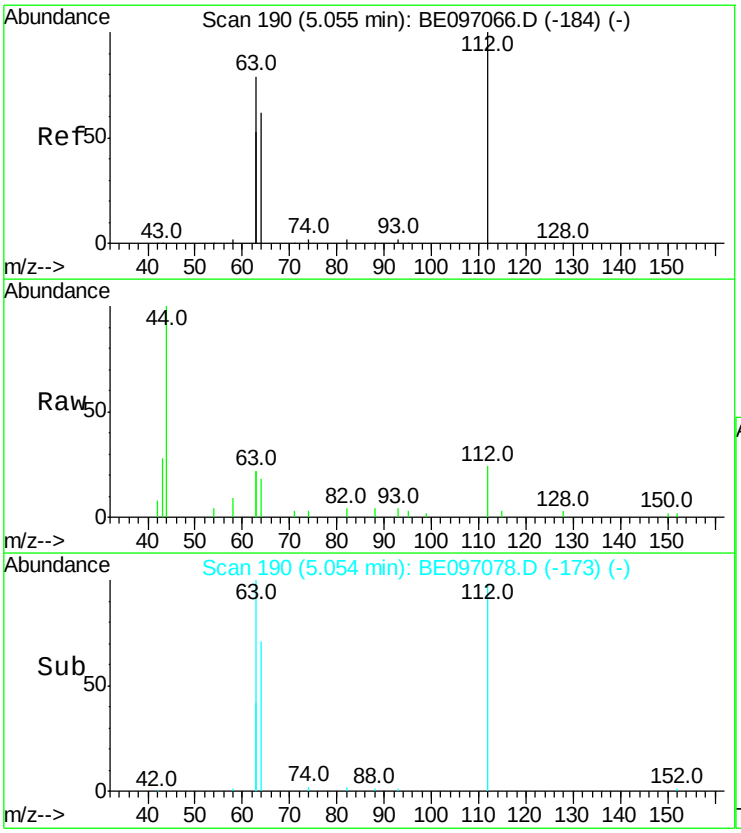
#3
n-Nitrosodimethylamine
Concen: 0.007 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 17

Ion	Ratio	Lower	Upper
42	100		
74	41.2	96.0	144.0#
44	794.1	12.0	18.0#

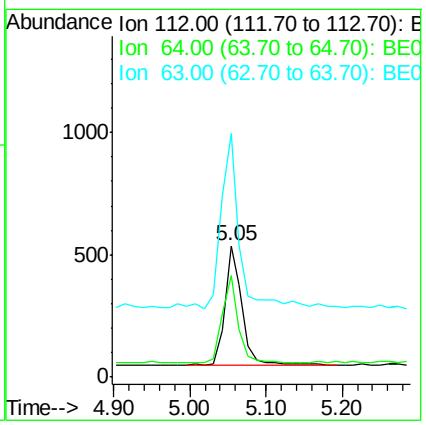


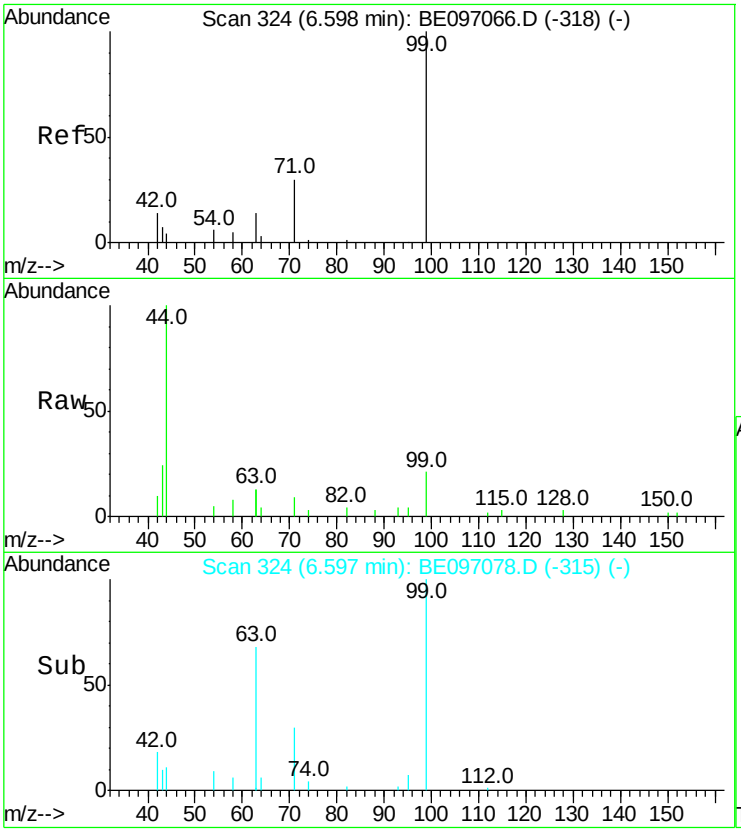


#4
2-Fluorophenol
Concen: 0.214 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:112 Resp: 776

Ion	Ratio	Lower	Upper
112	100		
64	67.9	60.1	90.1
63	152.2	116.8	175.2



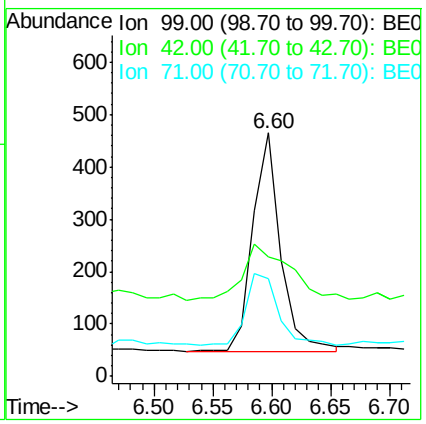


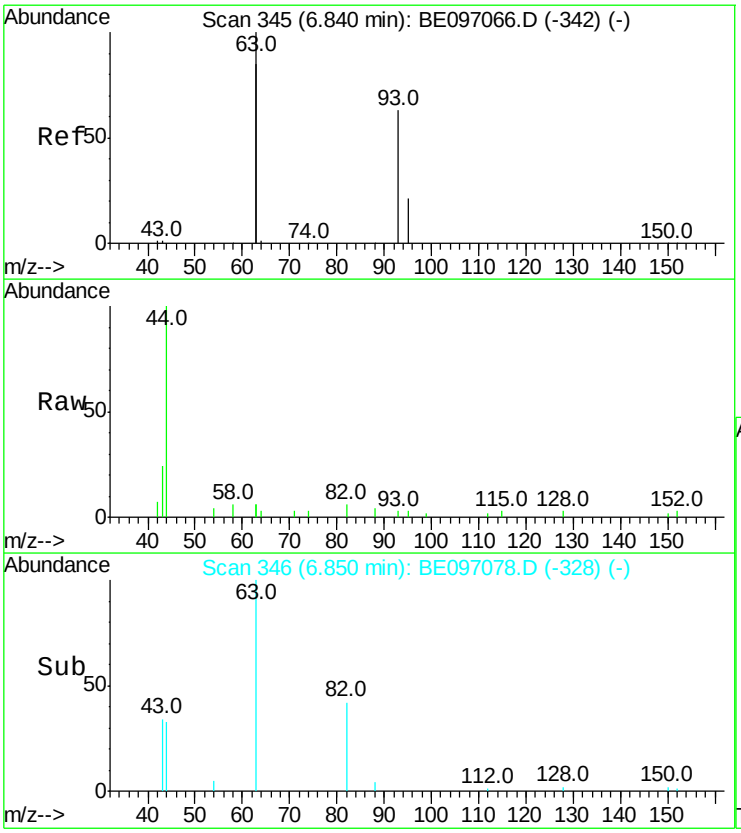
#5
Phenol-d6
Concen: 0.129 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 688

Ion	Ratio	Lower	Upper
99	100		
42	42.4	20.2	30.2#
71	39.1	28.4	42.6

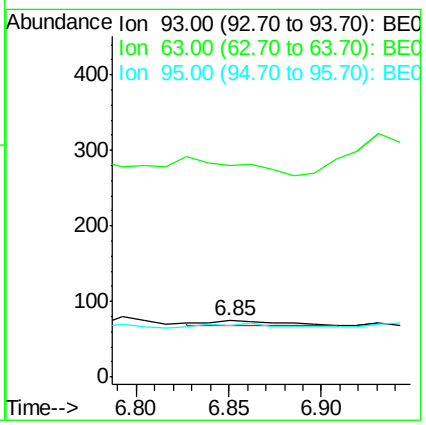


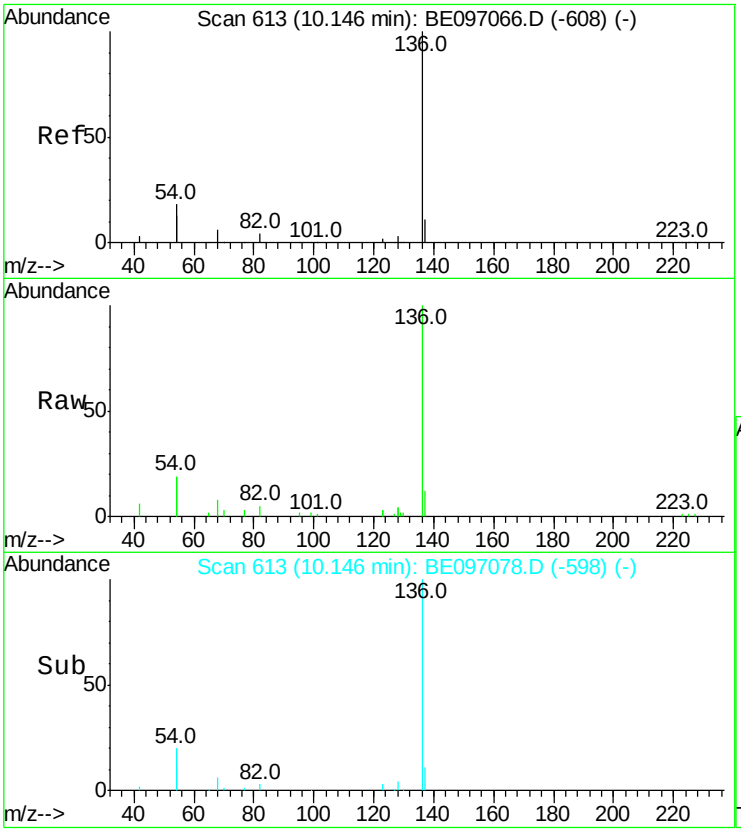


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion: 93 Resp: 15

Ion	Ratio	Lower	Upper
93	100		
63	0.0	275.3	412.9#
95	100.0	25.2	37.8#



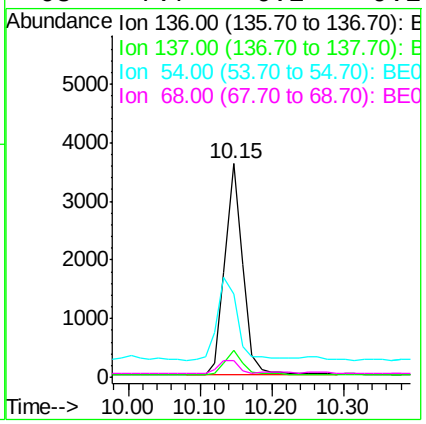


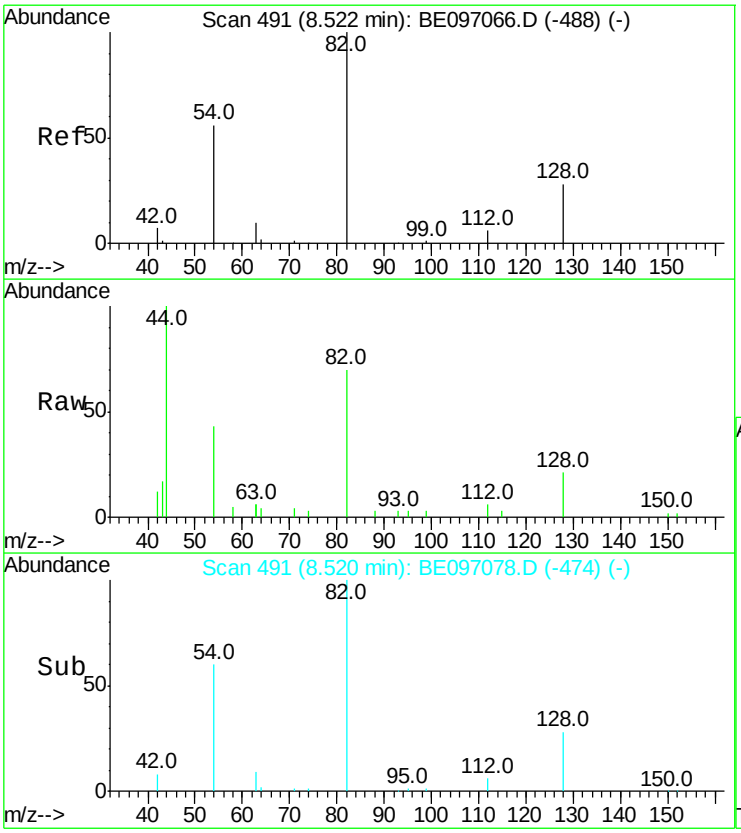
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 6218

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	38.7	29.1	43.7
68	7.7	6.2	9.2

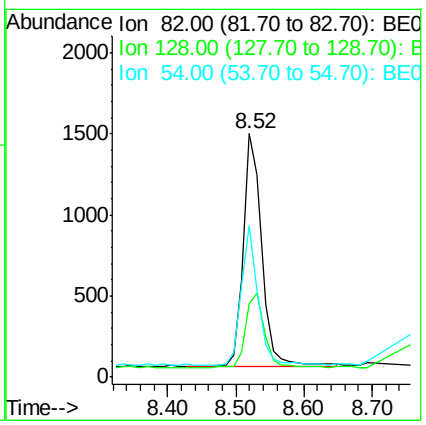


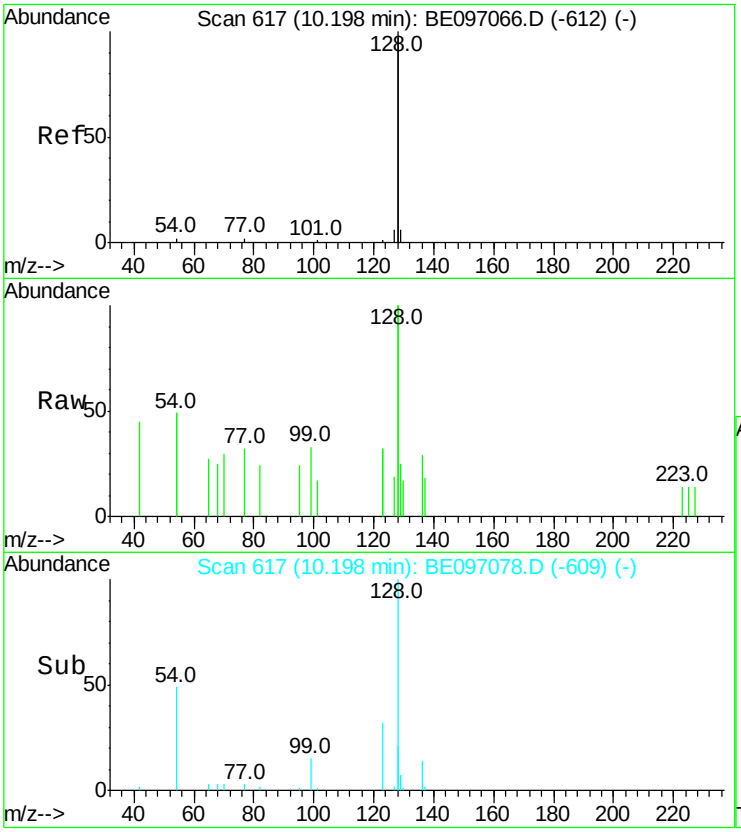


#8
Nitrobenzene-d5
Concen: 0.502 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion: 82 Resp: 2709

Ion	Ratio	Lower	Upper
82	100		
128	30.4	24.0	36.0
54	62.2	40.0	60.0#



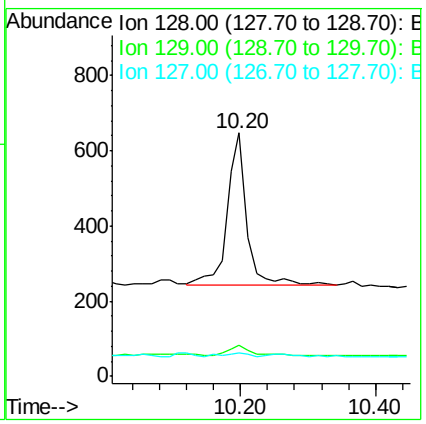


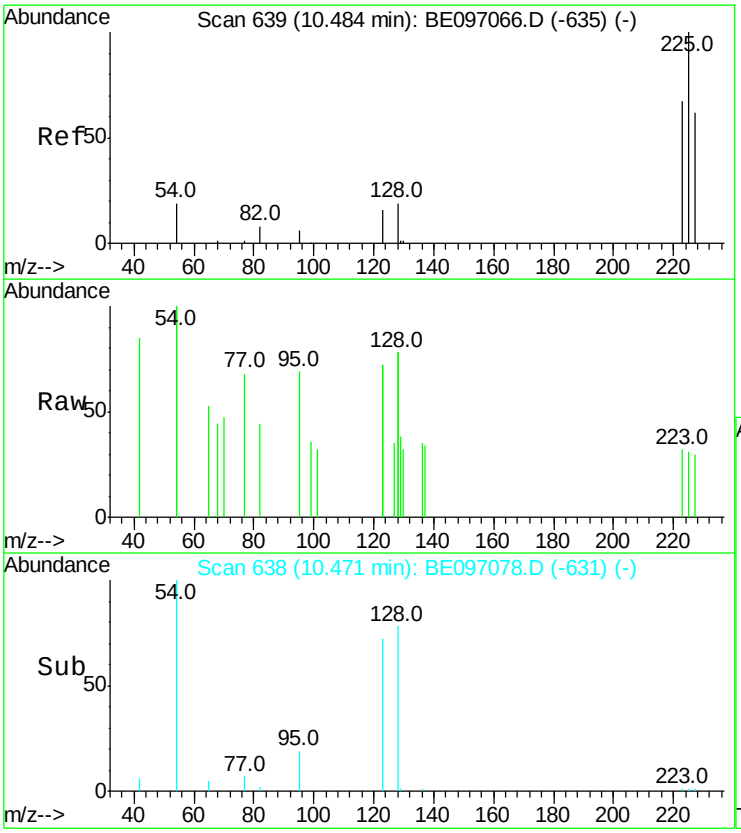
#9
Naphthalene
Concen: 0.015 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 822

Ion	Ratio	Lower	Upper
128	100		
129	12.7	2.6	3.8#
127	9.6	2.8	4.2#

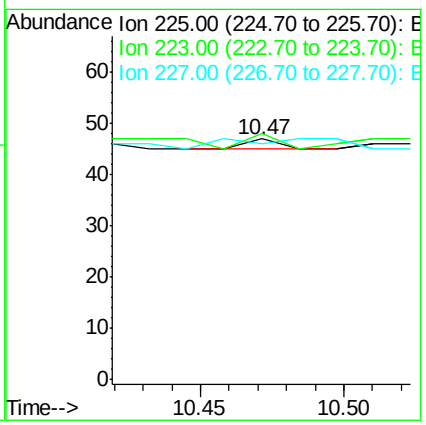


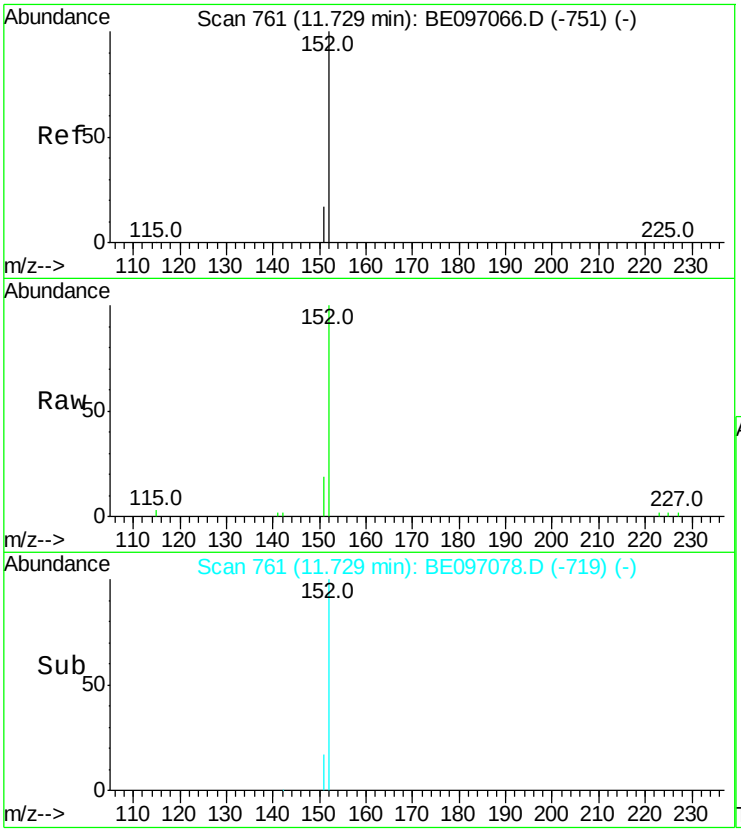


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.47 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	100.0	53.0	79.6#
227	450.0	51.4	77.2#



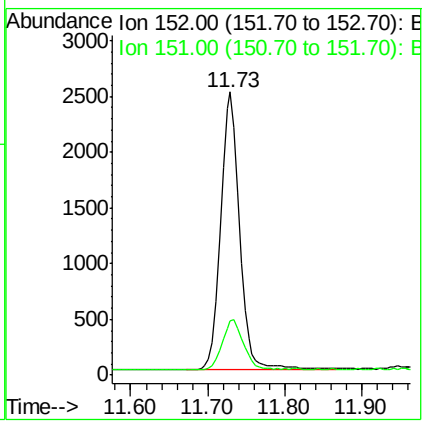


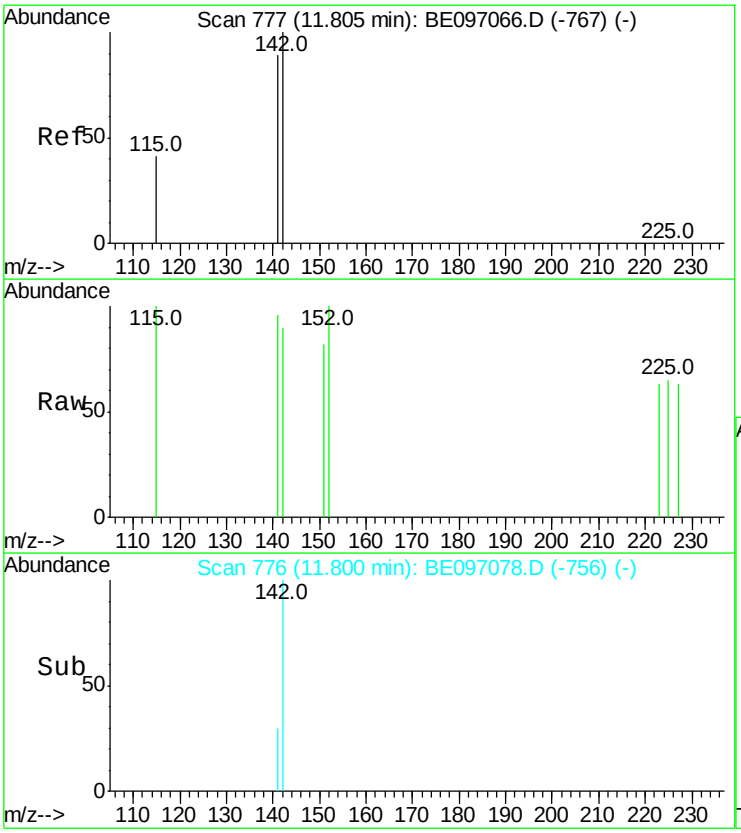
#11
2-Methylnaphthalene-d10
Concen: 0.456 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4243

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

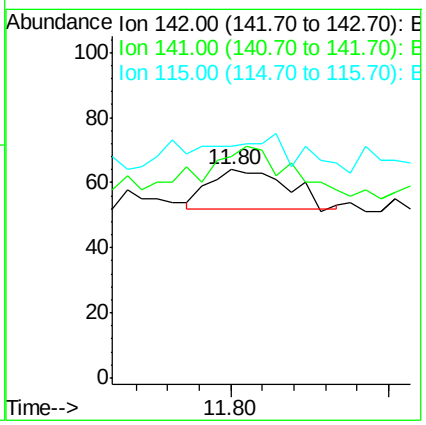


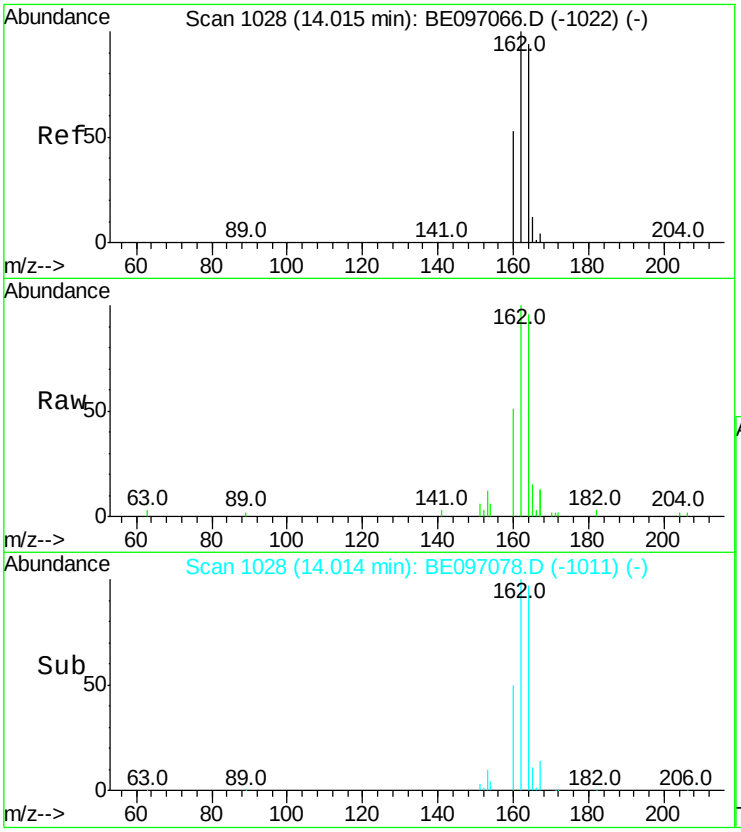


#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:142 Resp: 20

Ion	Ratio	Lower	Upper
142	100		
141	106.3	70.4	105.6#
115	110.9	31.7	47.5#



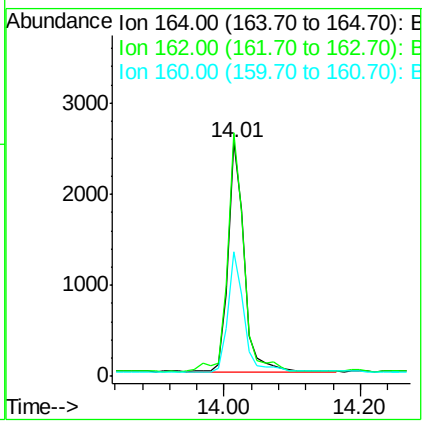


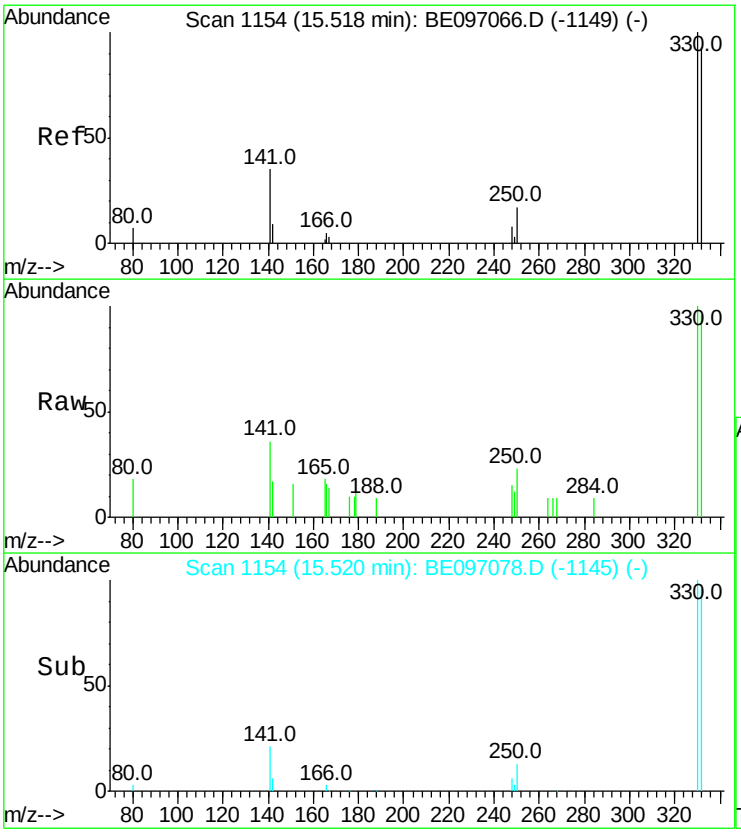
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 4159

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.1	124.7
160	53.1	37.1	55.7

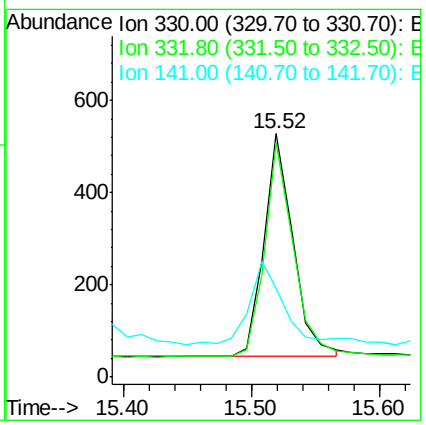


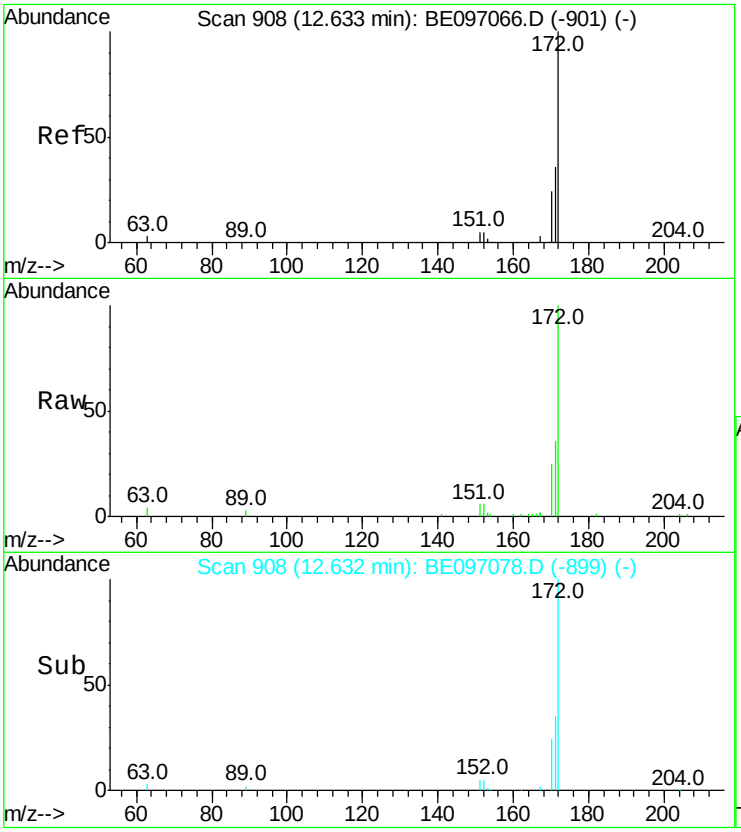


#14
2,4,6-Tribromophenol
Concen: 0.565 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:330 Resp: 774

Ion	Ratio	Lower	Upper
330	100		
332	95.1	152.7	229.1#
141	41.3	33.7	50.5



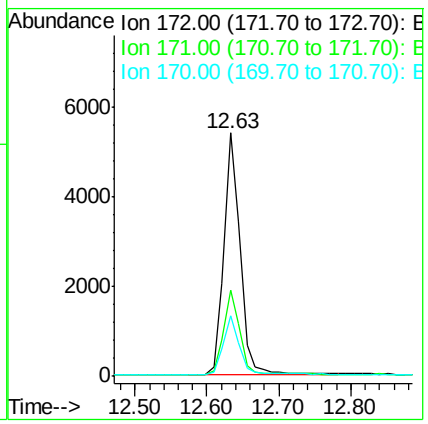


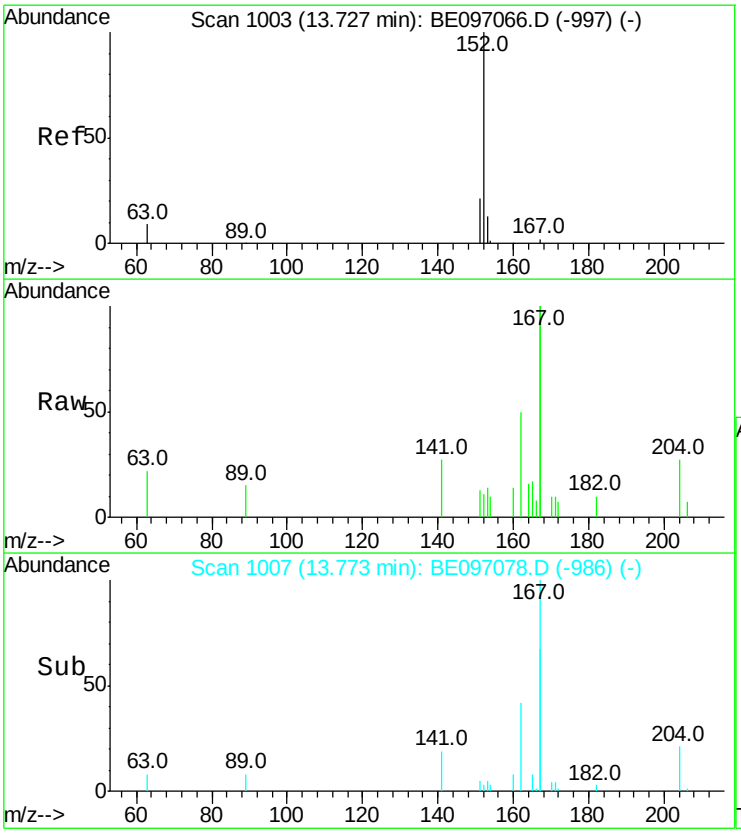
#15
2-Fluorobiphenyl
Concen: 0.580 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 8338

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.9	44.9
170	24.7	21.8	32.8

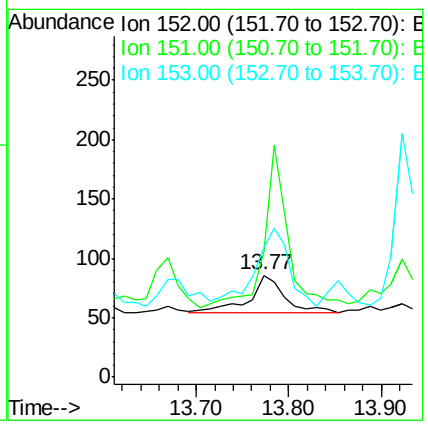


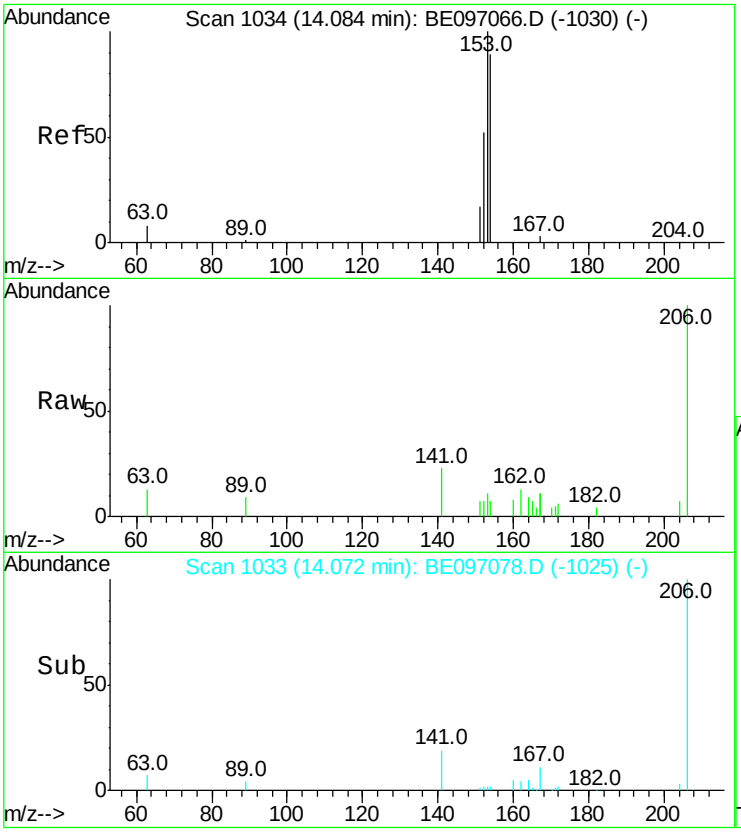


#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.77 min Scan# 1007
Delta R.T. 0.05 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:152 Resp: 88

Ion	Ratio	Lower	Upper
152	100		
151	280.7	15.7	23.5#
153	190.9	10.5	15.7#



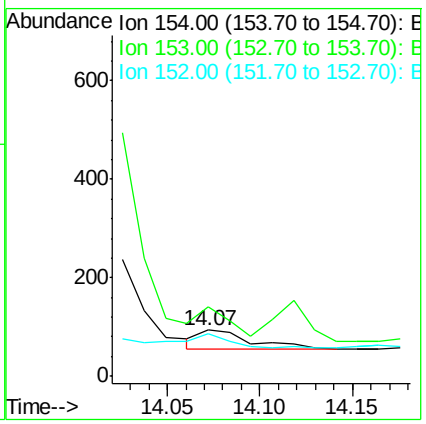


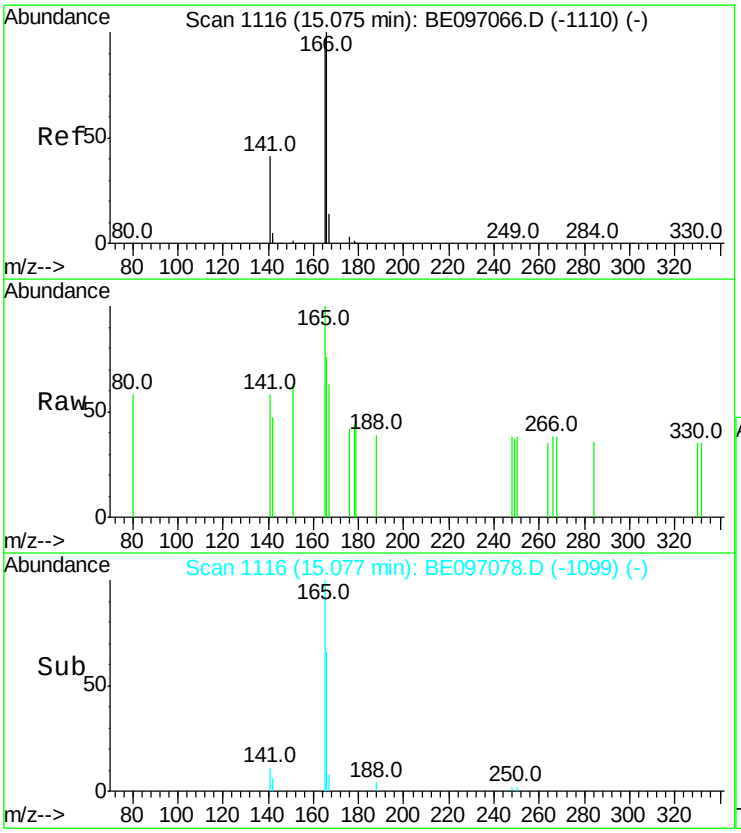
#17
Acenaphthene
Concen: 0.007 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 80

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.2	133.8#
152	65.0	42.0	63.0#

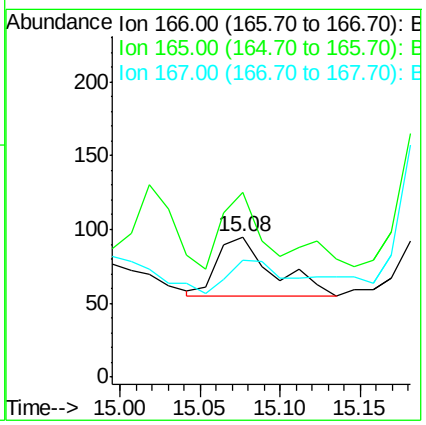


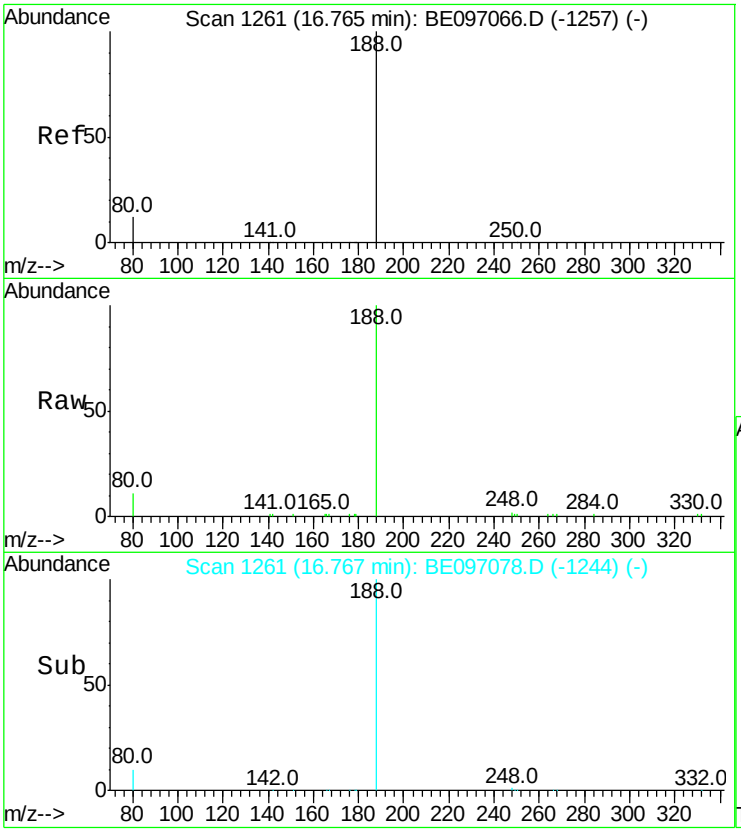


#18
Fluorene
Concen: 0.007 ng
RT: 15.08 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:166 Resp: 96

Ion	Ratio	Lower	Upper
166	100		
165	86.5	77.8	116.6
167	52.1	42.4	63.6



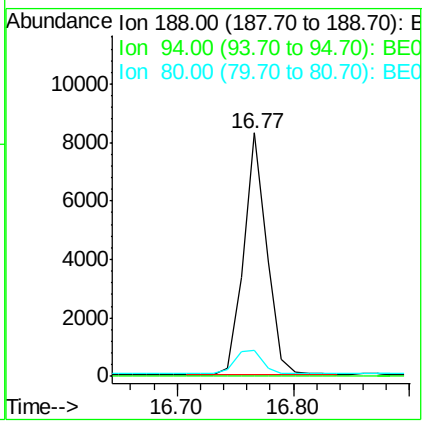


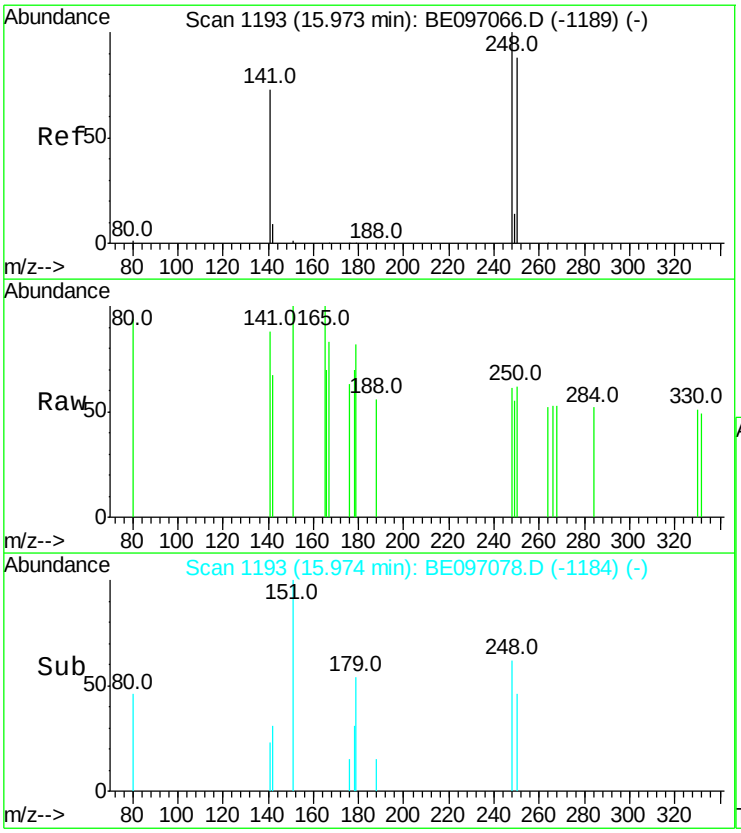
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 11500

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.8	3.6	5.4#

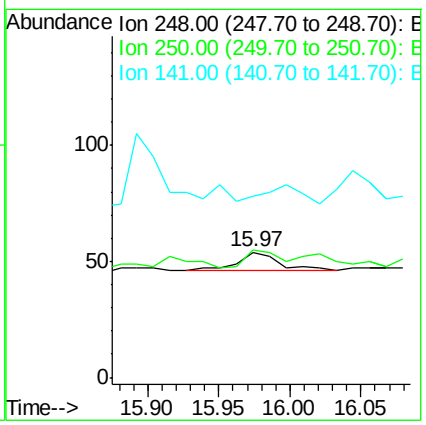


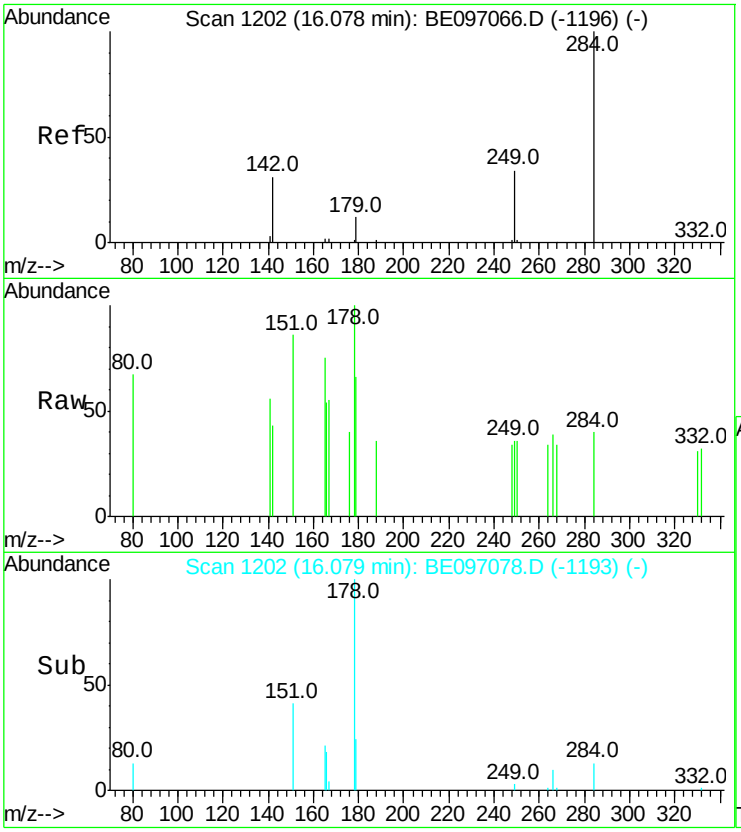


#20
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:248 Resp: 16

Ion	Ratio	Lower	Upper
248	100		
250	101.9	62.7	94.1#
141	144.4	48.2	72.2#



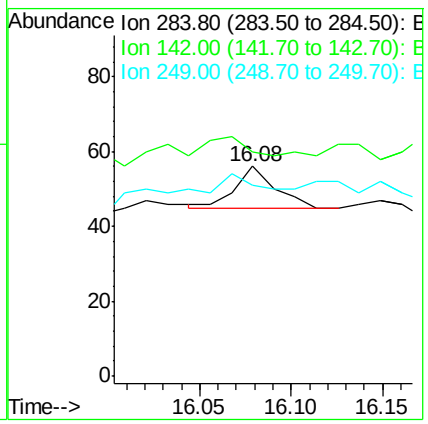


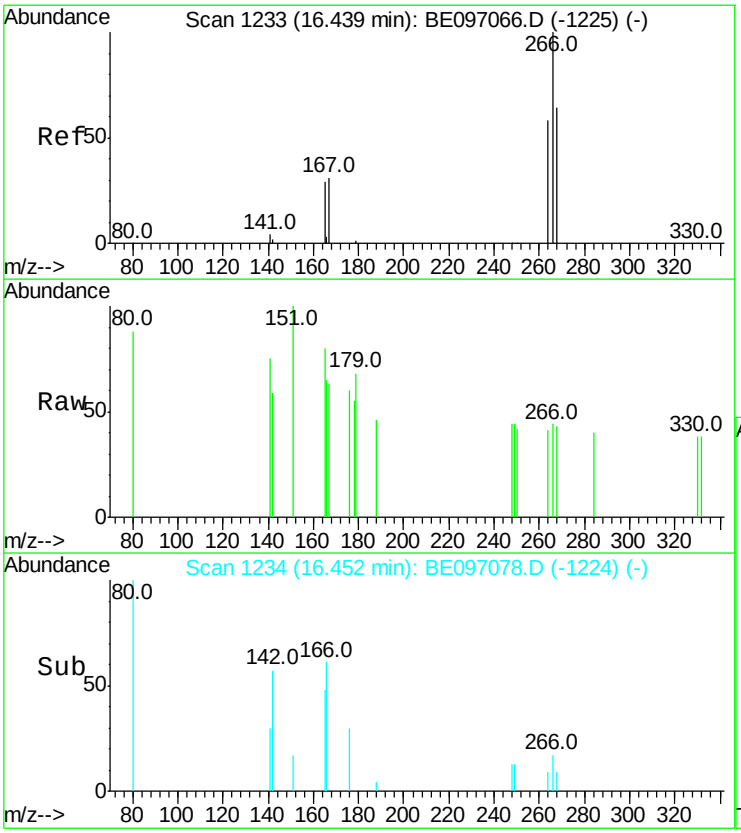
#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.08 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 17

Ion	Ratio	Lower	Upper
284	100		
142	141.2	22.1	33.1#
249	58.8	34.8	52.2#

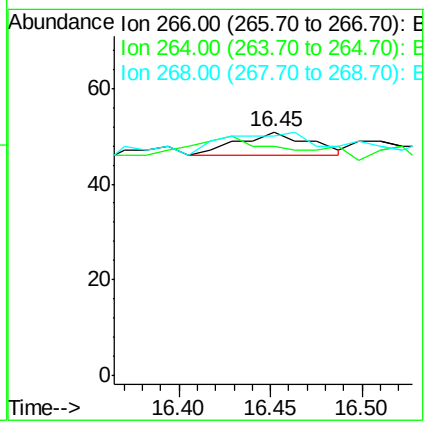


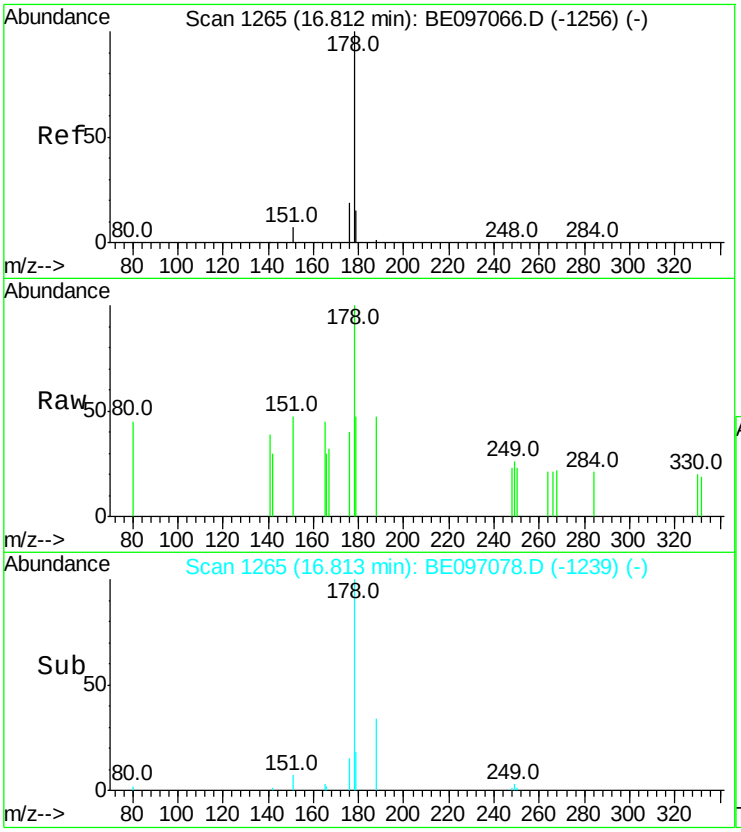


#22
Pentachlorophenol
Concen: 0.044 ng
RT: 16.45 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	94.1	72.5	108.7
268	98.0	73.8	110.6



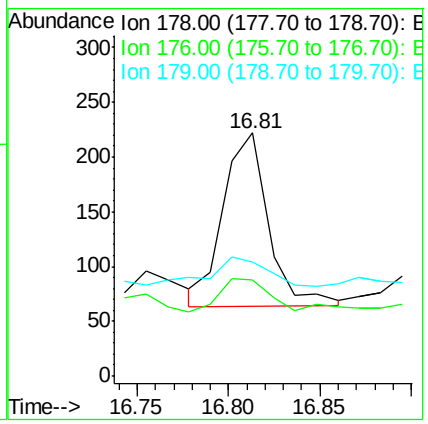


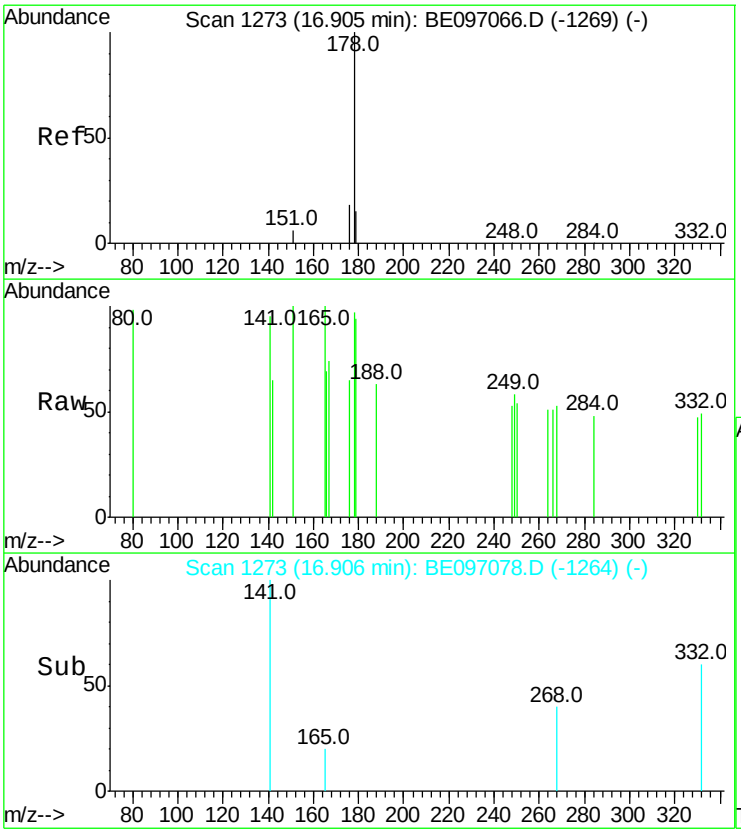
#23
Phenanthrene
Concen: 0.010 ng
RT: 16.81 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 277

Ion	Ratio	Lower	Upper
178	100		
176	23.1	15.1	22.7#
179	27.4	11.8	17.6#

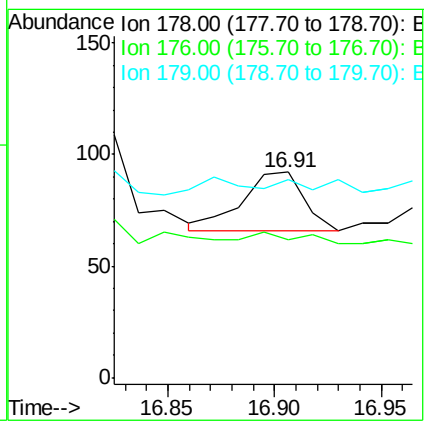


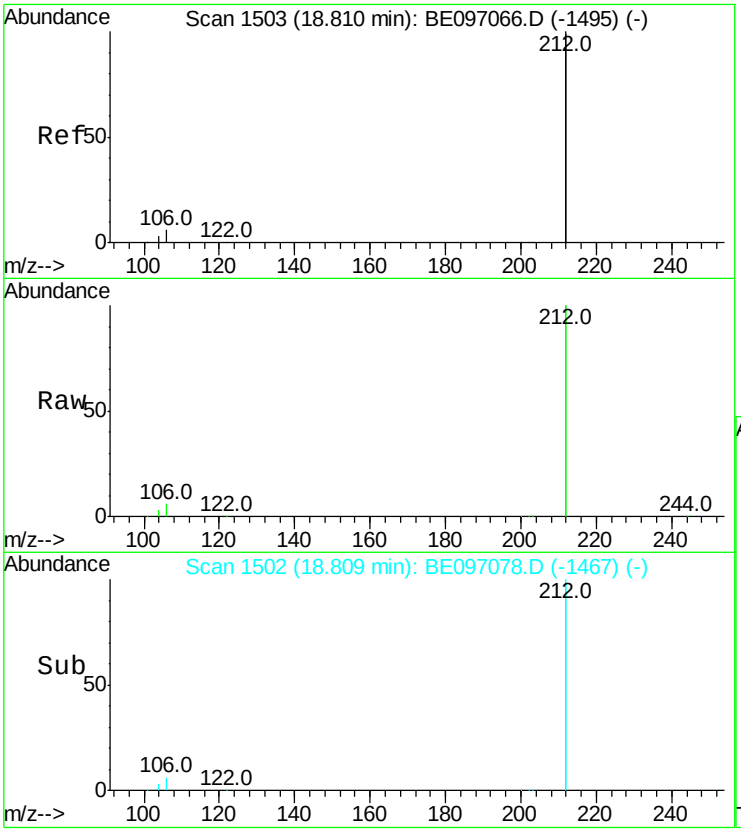


#24
Anthracene
Concen: 0.002 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:178 Resp: 52

Ion	Ratio	Lower	Upper
178	100		
176	15.4	12.8	19.2
179	17.3	13.0	19.6



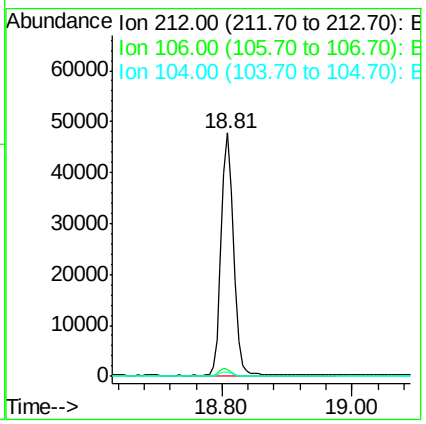


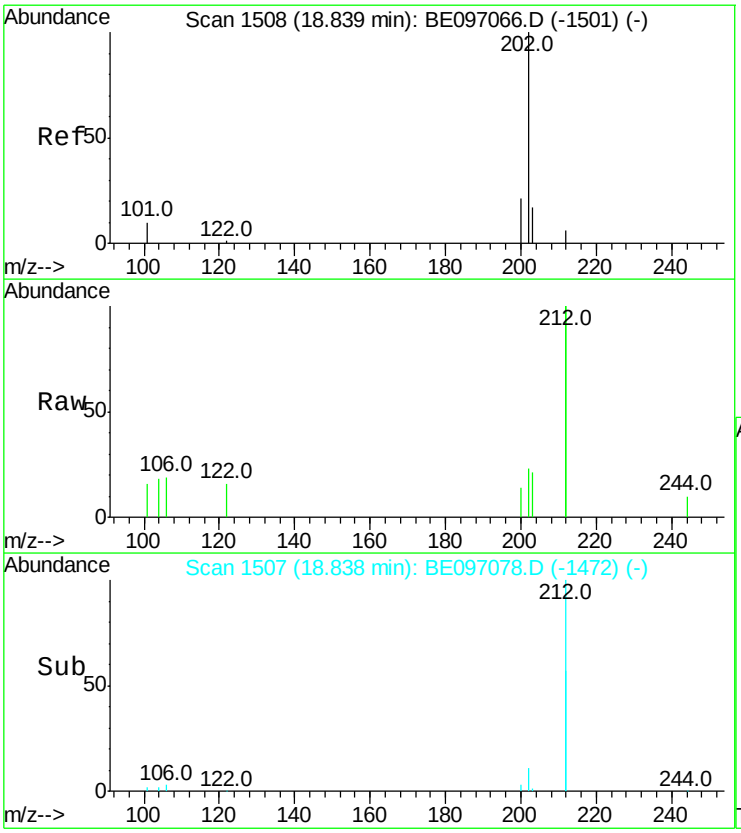
#25
Fluoranthene-d10
Concen: 0.553 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 63590

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

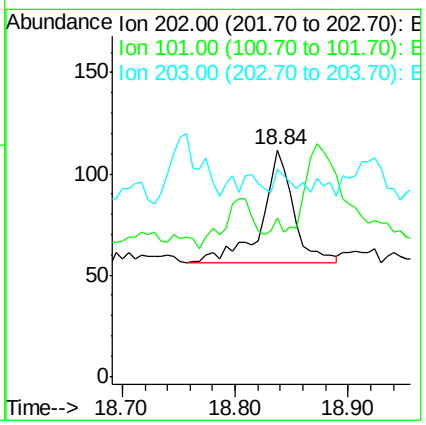


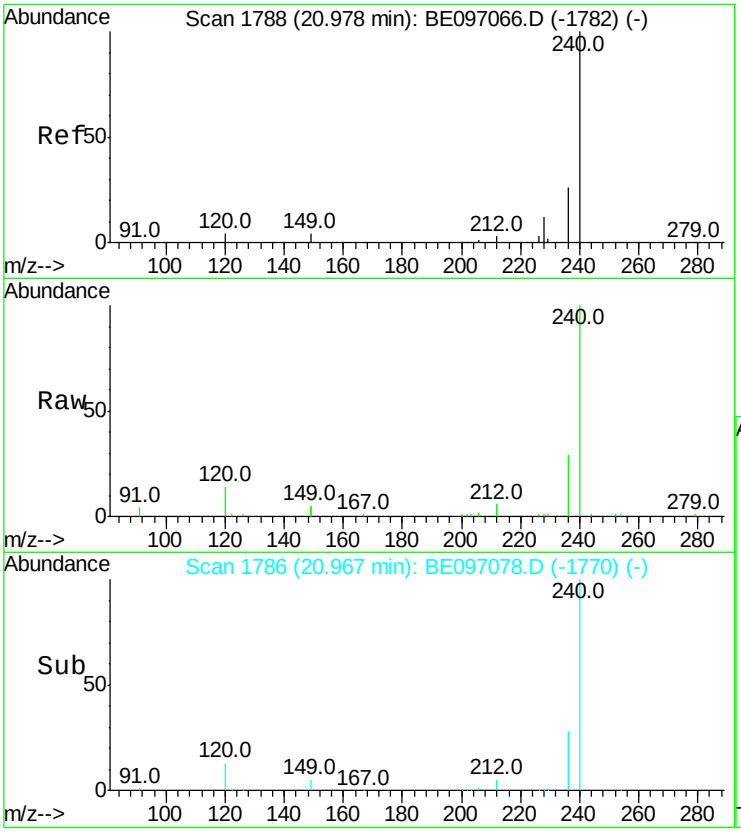


#26
Fluoranthene
Concen: 0.004 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:202 Resp: 110

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	9.1	13.7	20.5#



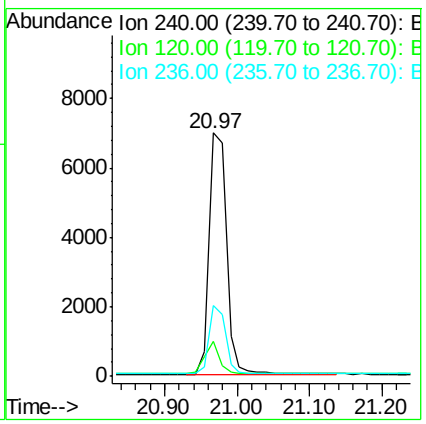


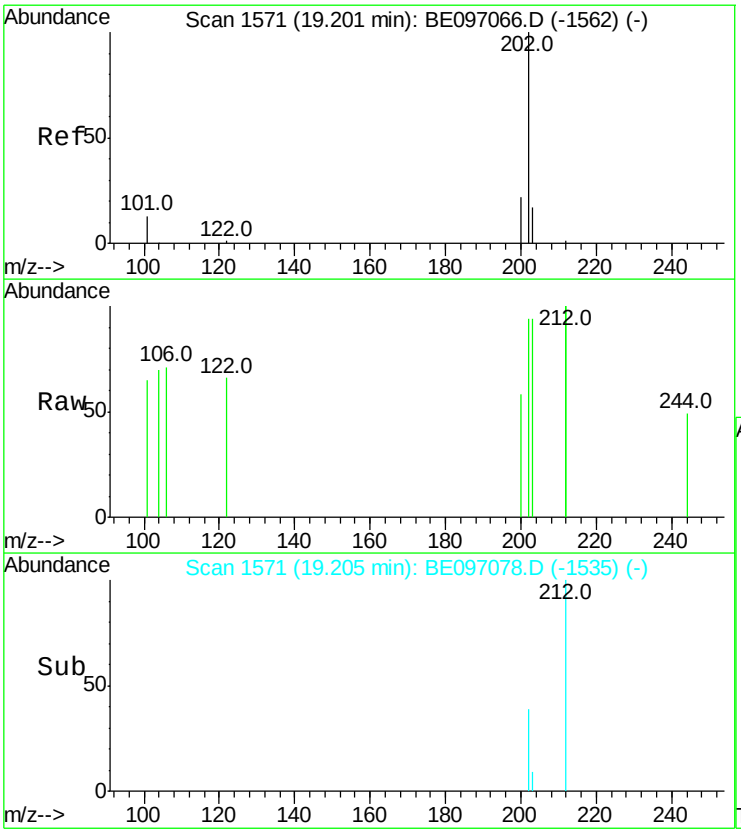
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 11682

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.5	8.3#
236	29.2	20.7	31.1

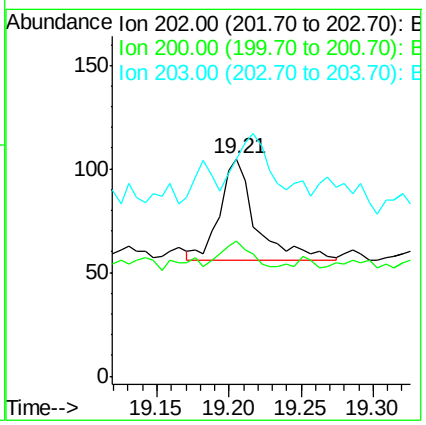


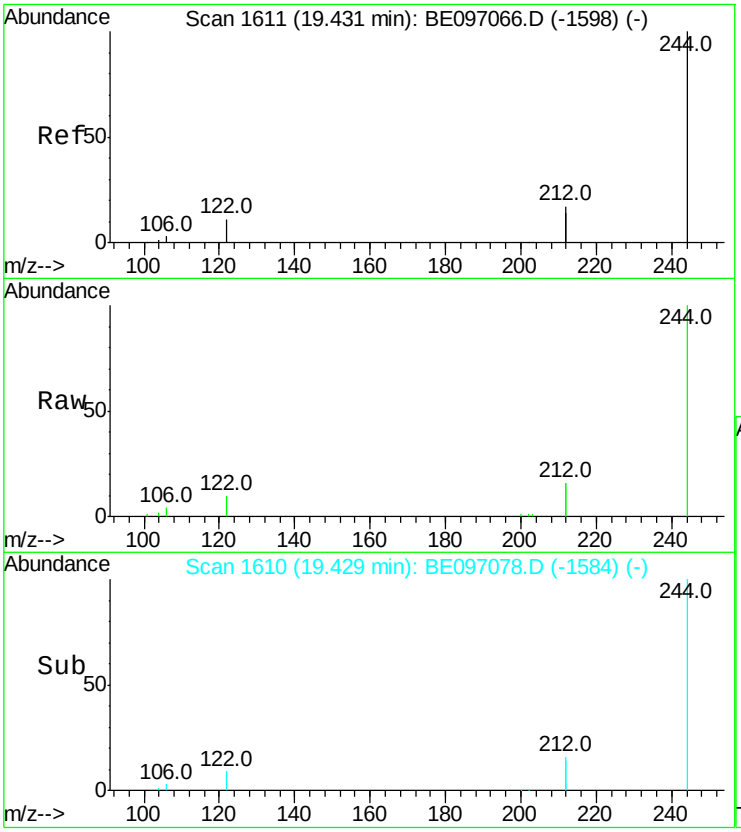


#28
Pyrene
Concen: 0.003 ng
RT: 19.21 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:202 Resp: 84

Ion	Ratio	Lower	Upper
202	100		
200	25.0	16.6	25.0#
203	67.9	13.8	20.8#



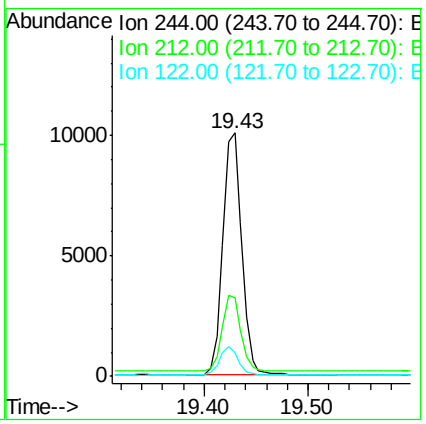


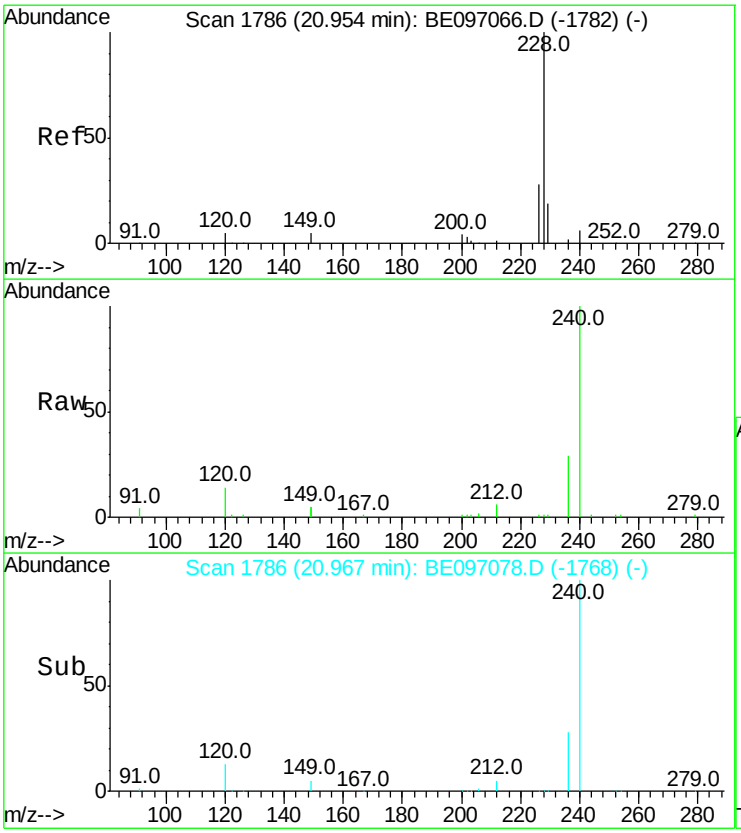
#29
Terphenyl-d14
Concen: 0.571 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 12821

Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.4	38.0
122	9.6	8.1	12.1

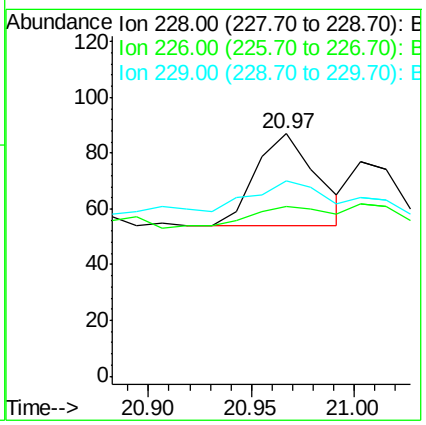


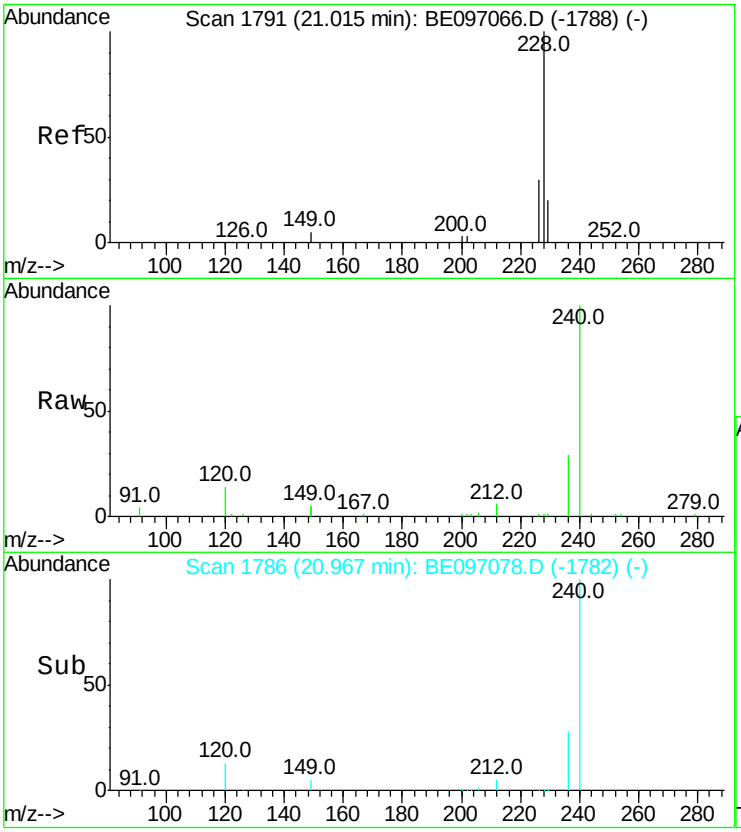


#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:228 Resp: 68

Ion	Ratio	Lower	Upper
228	100		
226	70.1	24.0	36.0#
229	80.5	16.0	24.0#



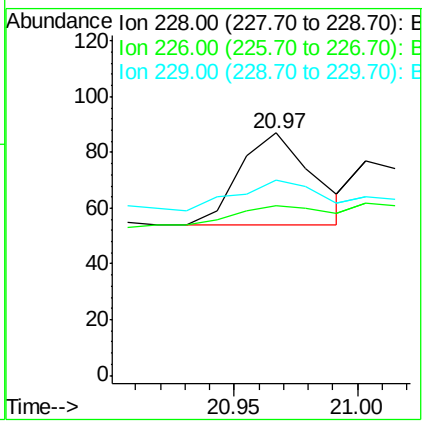


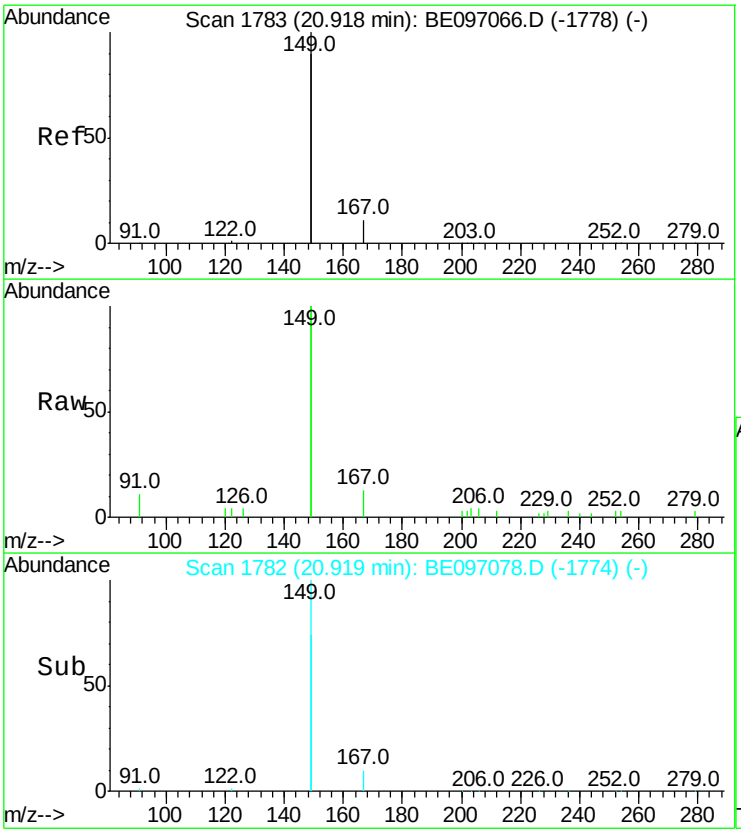
#31
Chrysene
Concen: 0.002 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.05 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 68

Ion	Ratio	Lower	Upper
228	100		
226	70.1	24.0	36.0#
229	80.5	16.0	24.0#

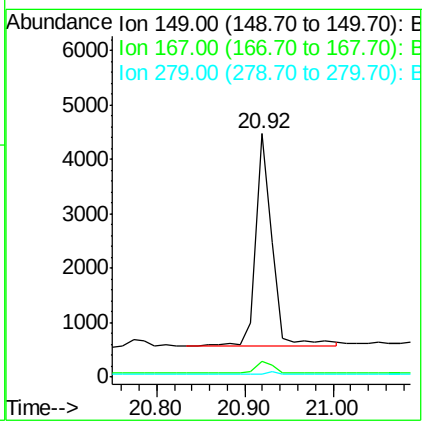


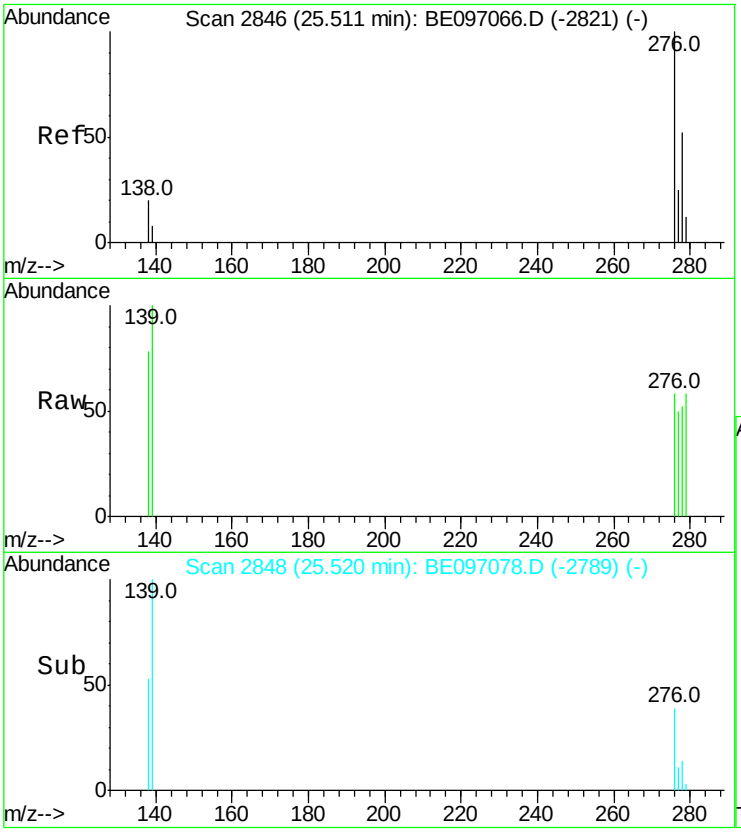


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.165 ng
RT: 20.92 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:149 Resp: 5072

Ion	Ratio	Lower	Upper
149	100		
167	5.6	5.4	8.0
279	1.1	0.7	1.1



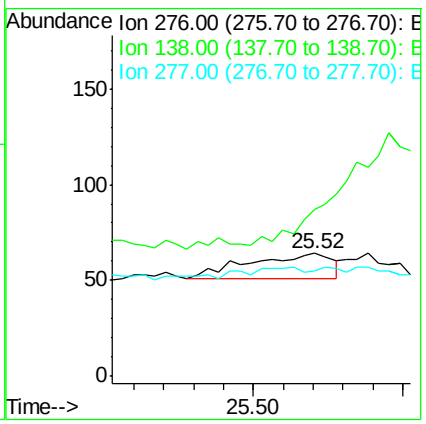


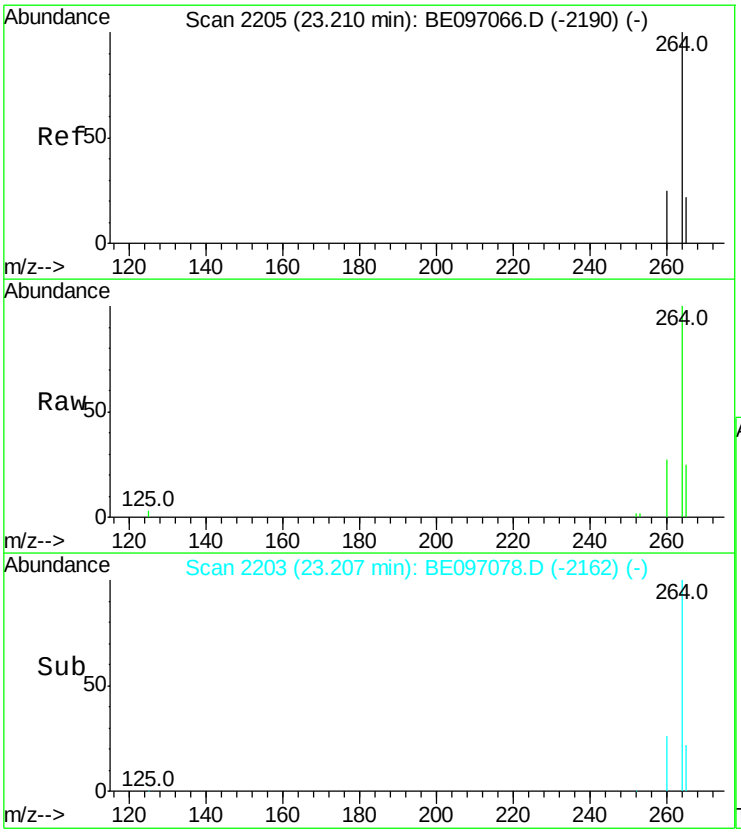
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.52 min Scan# 2848
Delta R.T. 0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 25

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.5	33.7#
277	8.0	19.9	29.9#

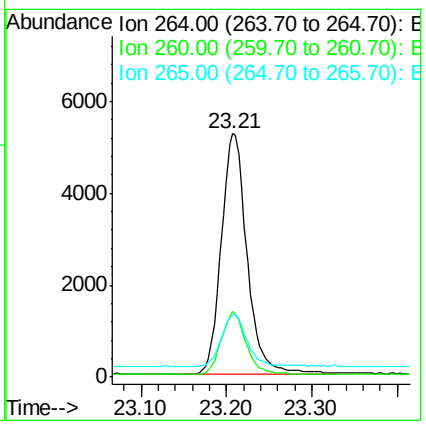


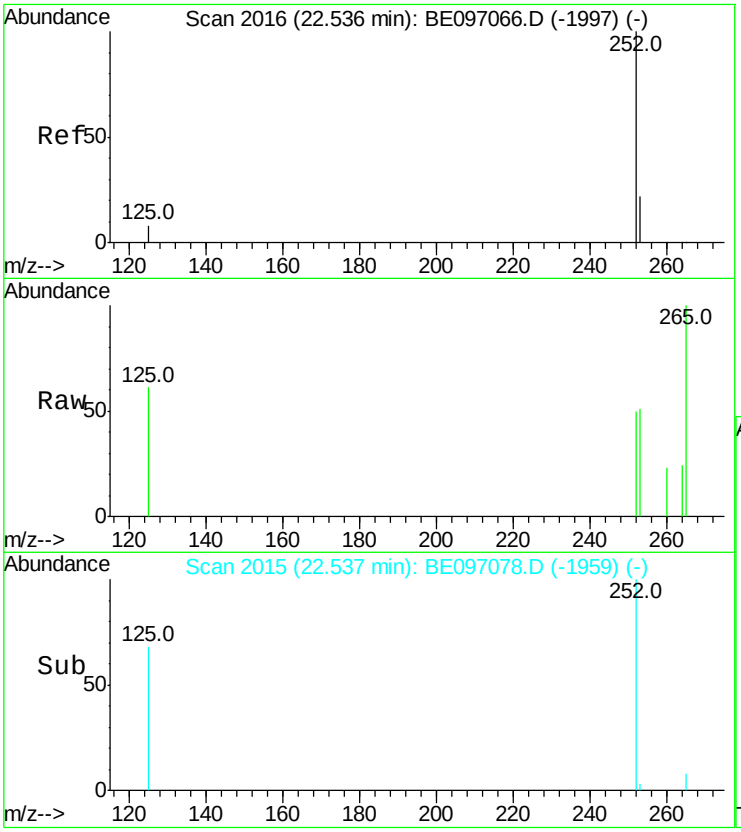


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:264 Resp: 11110

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	25.5	22.8	34.2



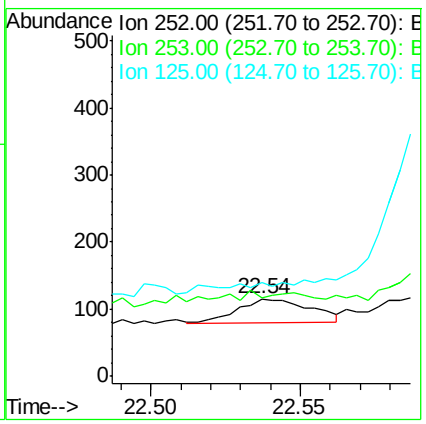


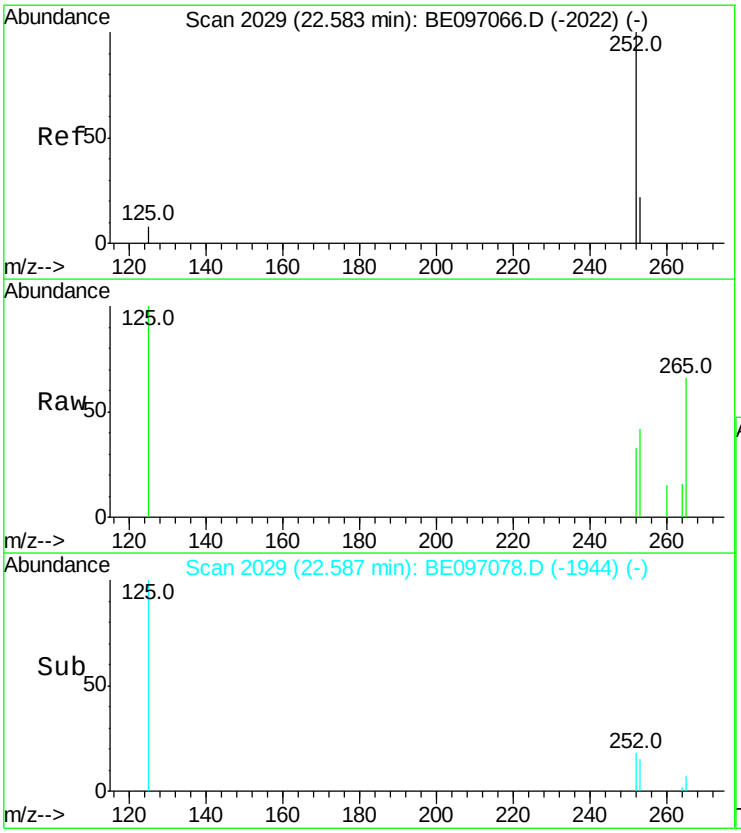
#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 61

Ion	Ratio	Lower	Upper
252	100		
253	100.9	20.0	30.0#
125	121.7	16.0	24.0#

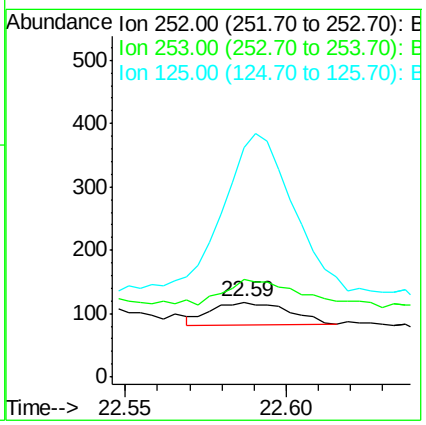


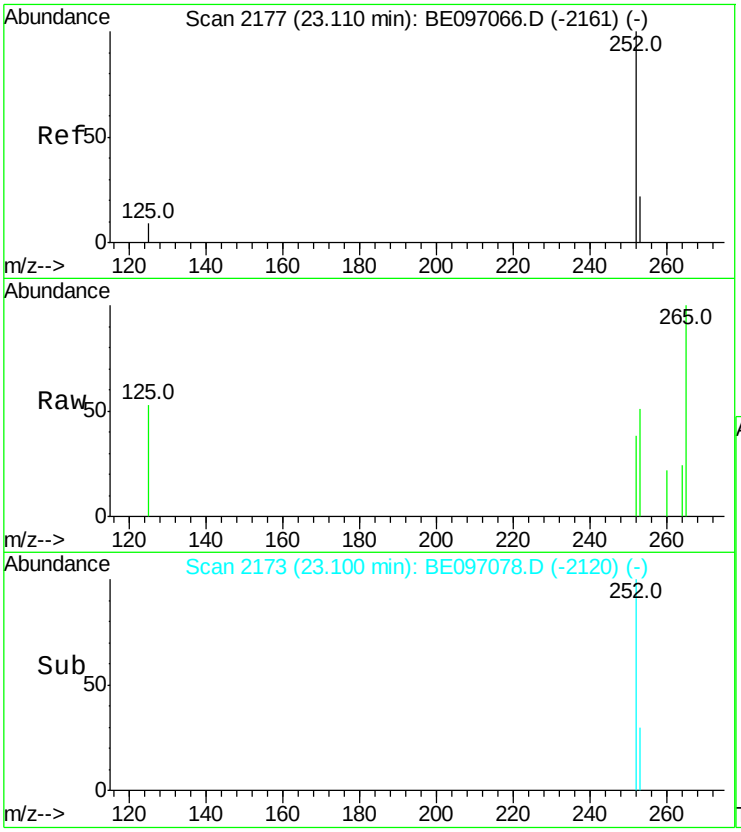


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 22.59 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:252 Resp: 58

Ion	Ratio	Lower	Upper
252	100		
253	130.5	16.0	24.0#
125	307.6	8.0	12.0#



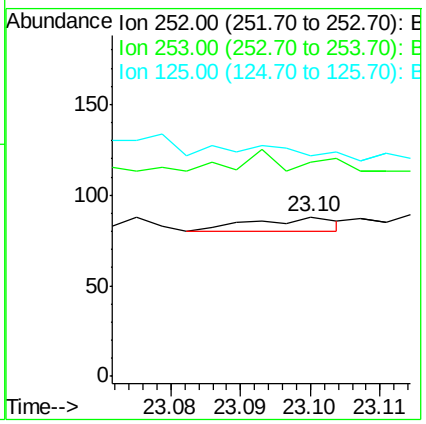


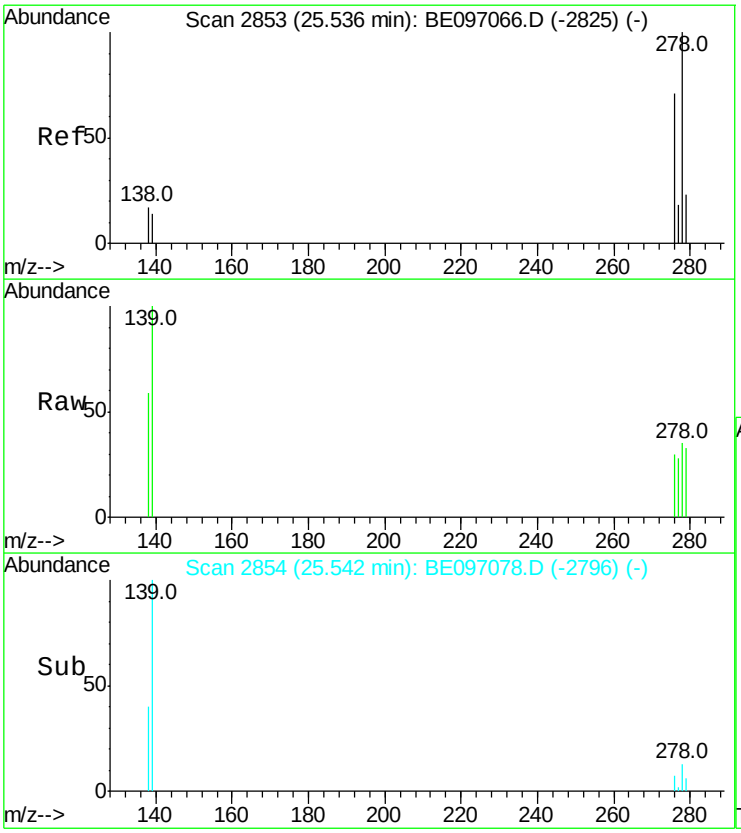
#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7

Ion	Ratio	Lower	Upper
252	100		
253	134.1	16.0	24.0#
125	138.6	12.0	18.0#

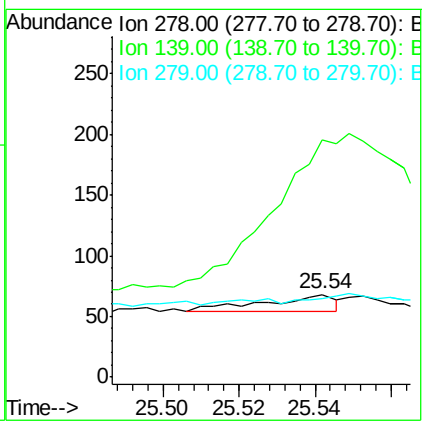


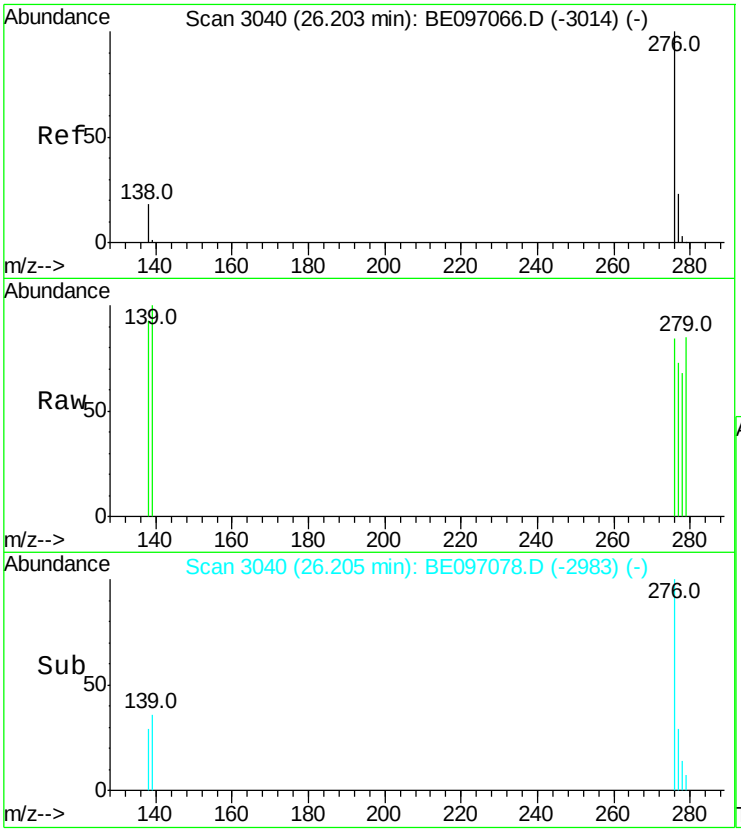


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.54 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Tgt Ion:278 Resp: 18

Ion	Ratio	Lower	Upper
278	100		
139	288.2	16.0	24.0#
279	95.6	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.21 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BE097078.D
Acq: 24 Jul 2018 19:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 36

Ion	Ratio	Lower	Upper
276	100		
277	87.3	16.0	24.0#
138	111.1	20.0	30.0#