Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097501.D
Acq On : 17 Sep 2018 18:23
Operator : SJ/JU
Sample : J4892-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-10-091118

Quant Time: Sep 18 05:50:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	969	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4454	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2652	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	7475	0.40	ng	0.00
27) Chrysene-d12	20.97	240	9449	0.40	ng	0.00
34) Perylene-d12	23.20	264	9504	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	768	0.23	ng	0.00
5) Phenol-d6	6.60	99	604	0.15	ng	-0.01
8) Nitrobenzene-d5	8.53	82	1556	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3091	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	687	0.49	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5395	0.58	ng	0.00
25) Fluoranthene-d10	18.80	212	47749	0.53	ng	0.00
29) Terphenyl-d14	19.42	244	13780	0.76	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	6.84	93	26	0.008	ng	# 1
9) Naphthalene	10.18	128	287	0.007	ng	# 58
10) Hexachlorobutadiene	10.48	225	1	0.001	ng	# 38
12) 2-Methylnaphthalene	11.79	142	17	0.003	ng	# 56
16) Acenaphthylene	13.73	152	7	0.001	ng	# 61
17) Acenaphthene	14.06	154	6	0.001	ng	# 26
18) Fluorene	15.06	166	24	0.003	ng	# 67
20) 4-Bromophenyl-phenylether	15.97	248	1	0.000	ng	# 52
21) Hexachlorobenzene	16.09	284	4	0.001	ng	# 38
22) Pentachlorophenol	16.45	266	81	0.208	ng	88
23) Phenanthrene	16.80	178	184	0.010	ng	# 82
24) Anthracene	16.91	178	59	0.004	ng	# 80
26) Fluoranthene	18.83	202	361	0.016	ng	# 78
28) Pyrene	19.20	202	300	0.012	ng	# 93
30) Benzo(a)anthracene	20.95	228	158	0.006	ng	# 18
31) Chrysene	21.00	228	222	0.009	ng	# 35
32) Bis(2-ethylhexyl)phthalate	20.91	149	13883	0.263	ng	100
33) Indeno(1,2,3-cd)pyrene	25.54	276	185	0.006	ng	# 48
35) Benzo(b)fluoranthene	22.55	252	342	0.014	ng	# 1
36) Benzo(k)fluoranthene	22.55	252	342	0.013	ng	# 1
37) Benzo(a)pyrene	23.11	252	143	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	20	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.22	276	168	0.007	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 17 Sep 2018 18:23
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Misc :
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Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Quant Time: Sep 18 05:50:52 2018
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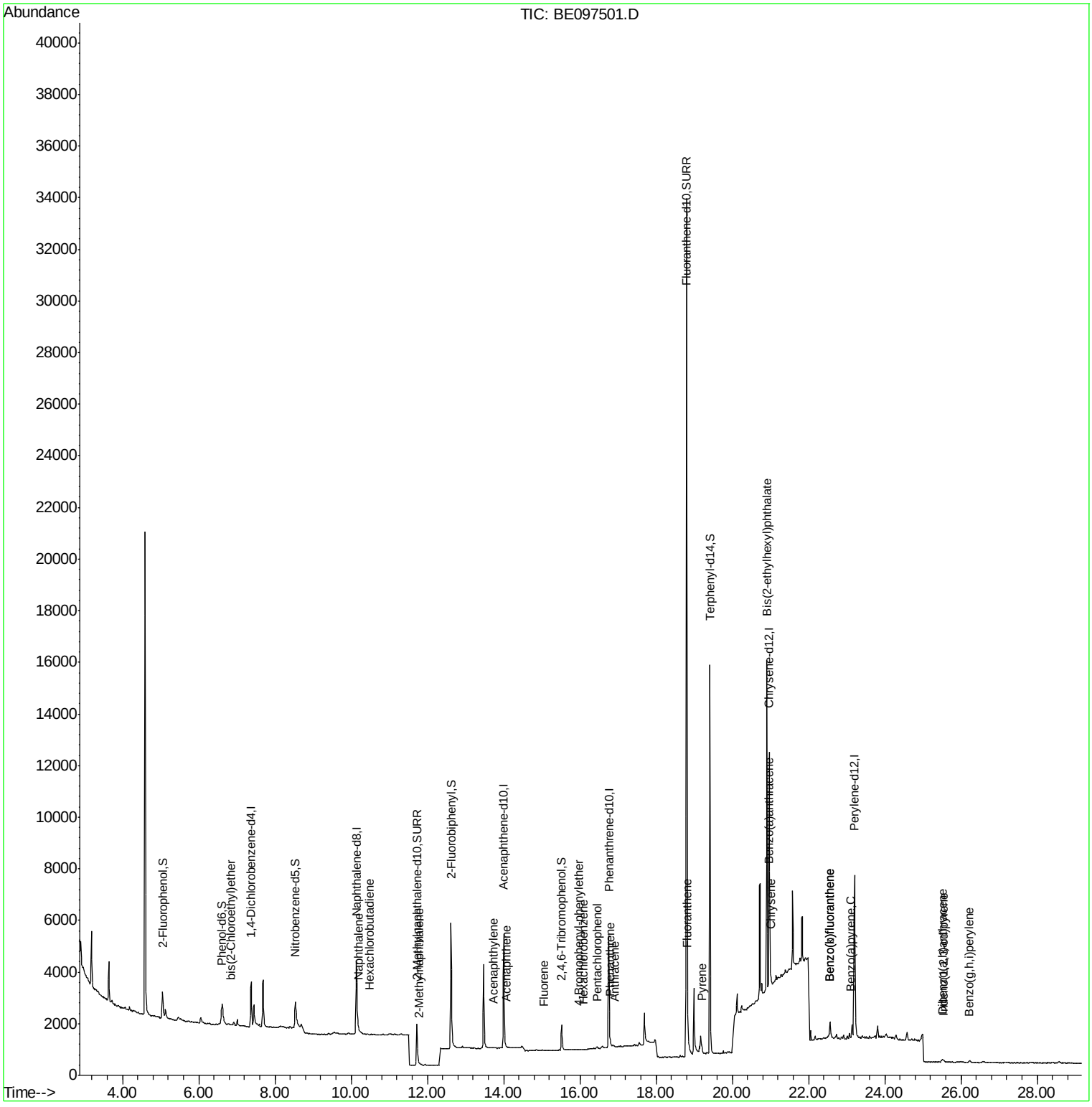
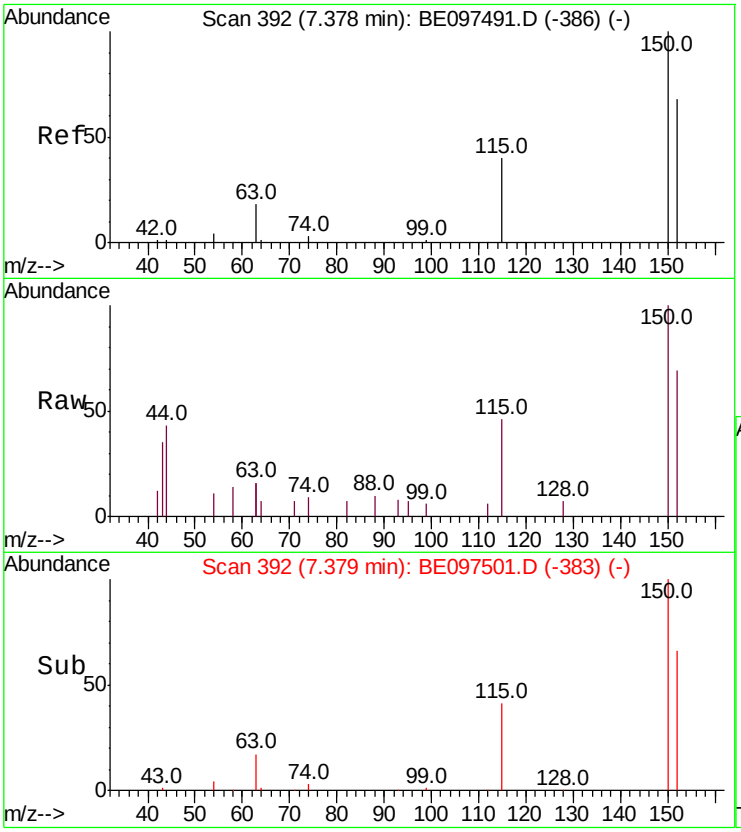
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 18:57:11 2018
Response via : Initial Calibration



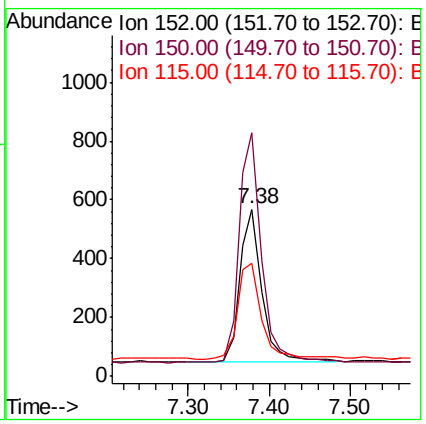


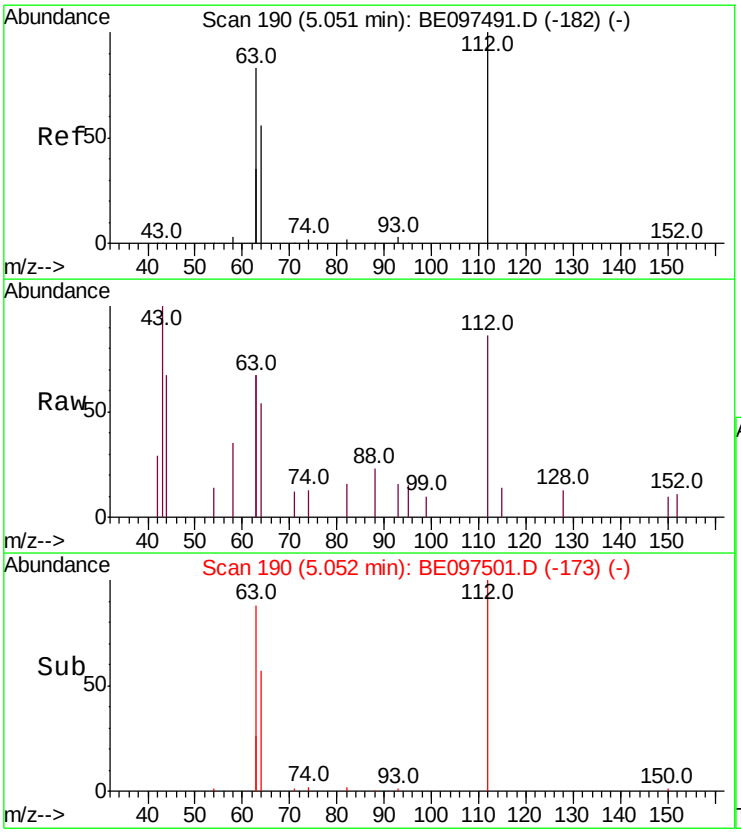
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:152 Resp: 969

Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	67.3	57.0	85.6

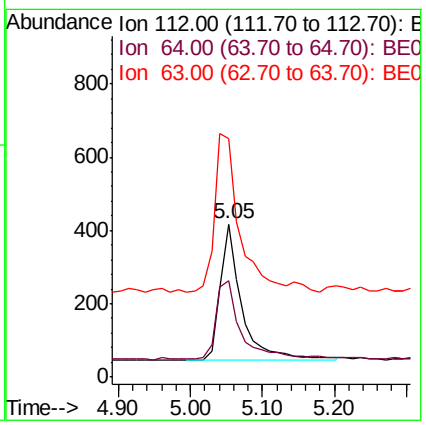


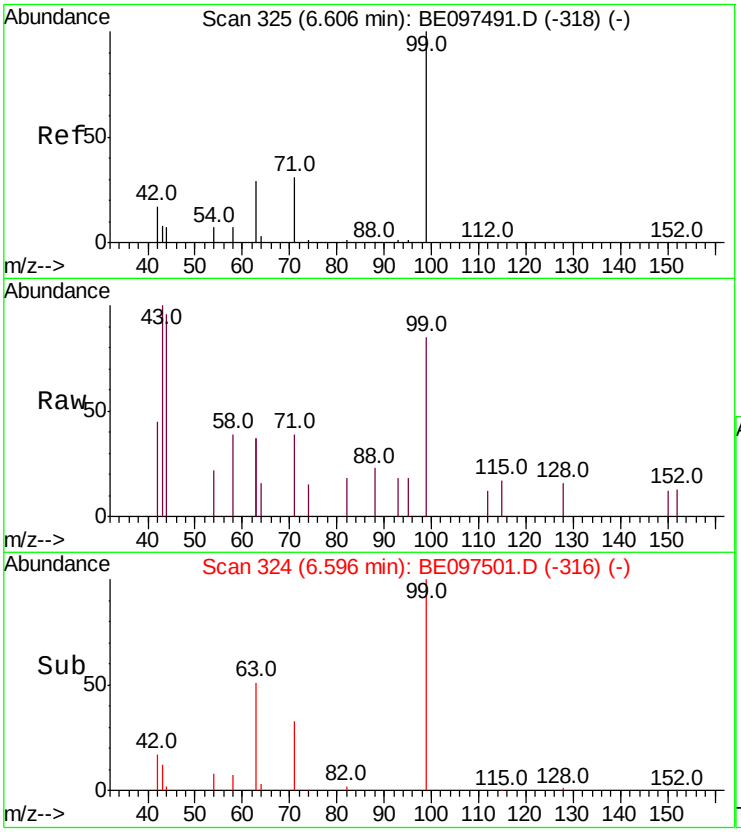


#4
2-Fluorophenol
Concen: 0.234 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:112 Resp: 768

Ion	Ratio	Lower	Upper
112	100		
64	64.7	60.1	90.1
63	134.2	116.8	175.2



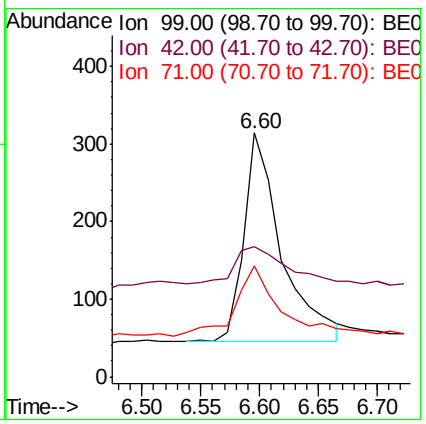


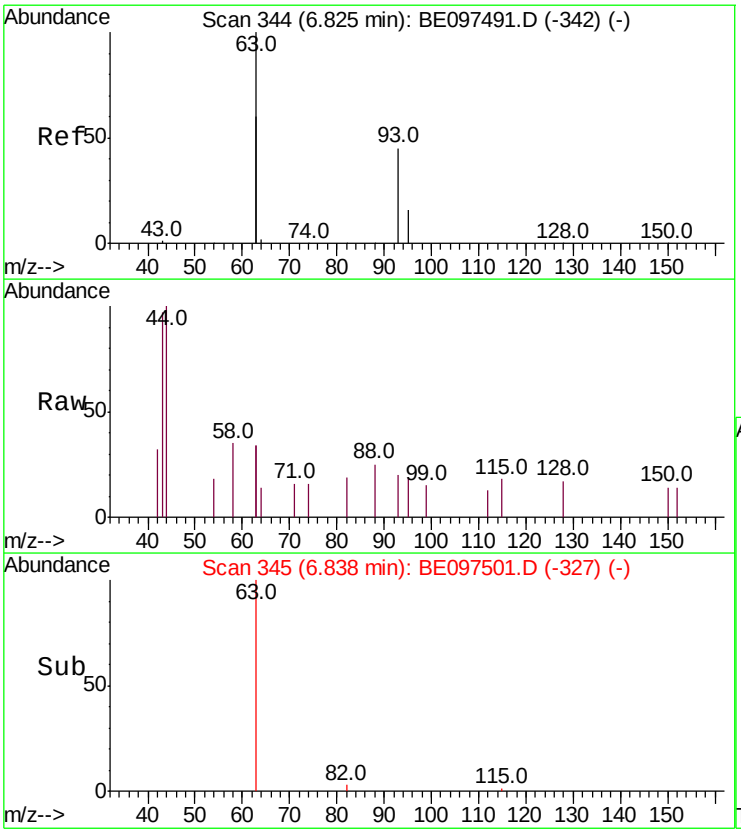
#5
Phenol-d6
Concen: 0.145 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.01 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion: 99 Resp: 604

Ion	Ratio	Lower	Upper
99	100		
42	23.5	20.2	30.2
71	39.2	28.4	42.6

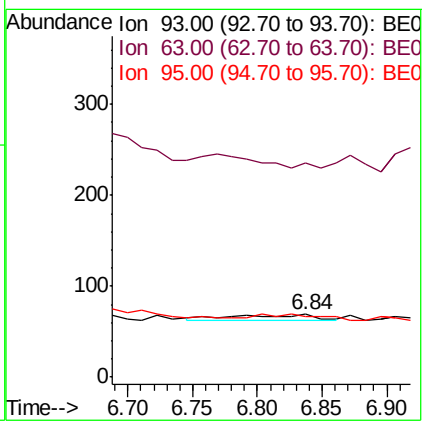


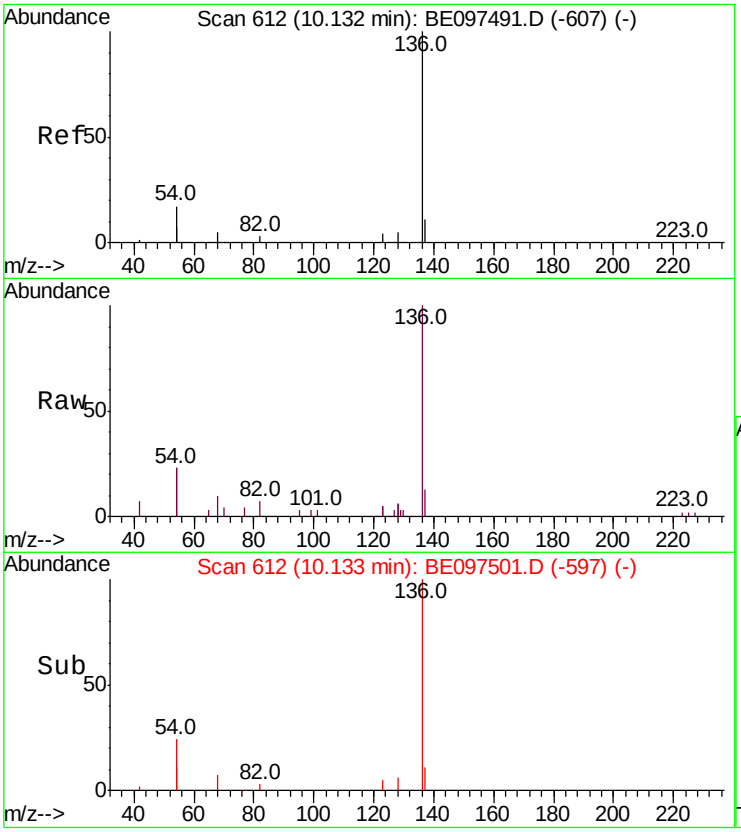


#6
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.01 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion: 93 Resp: 26

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



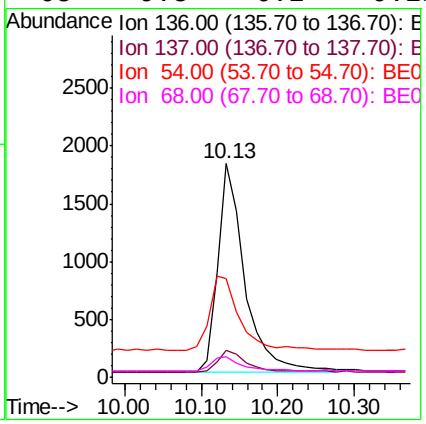


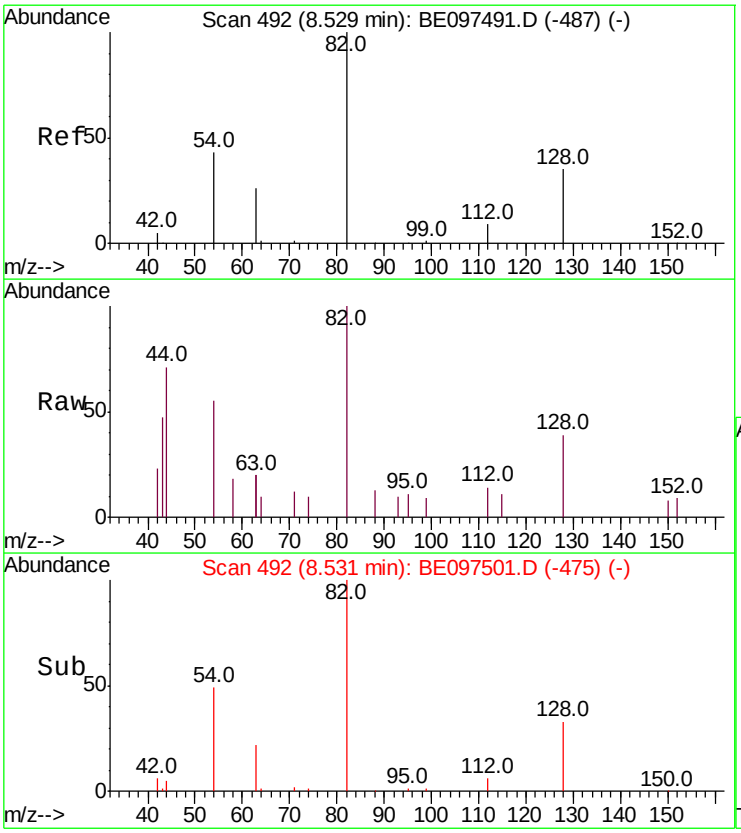
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument : BNA_E
ClientSampleId : C-MW-10-091118

Tgt Ion:136 Resp: 4454

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.5	14.3
54	46.0	29.1	43.7#
68	9.8	6.2	9.2#

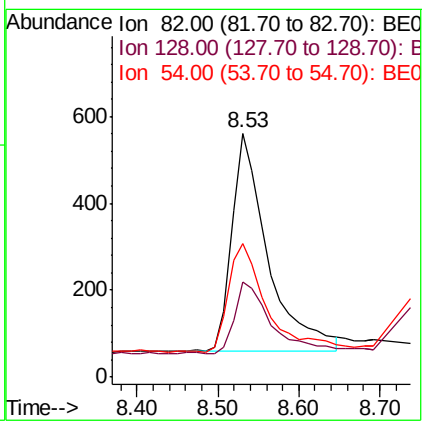


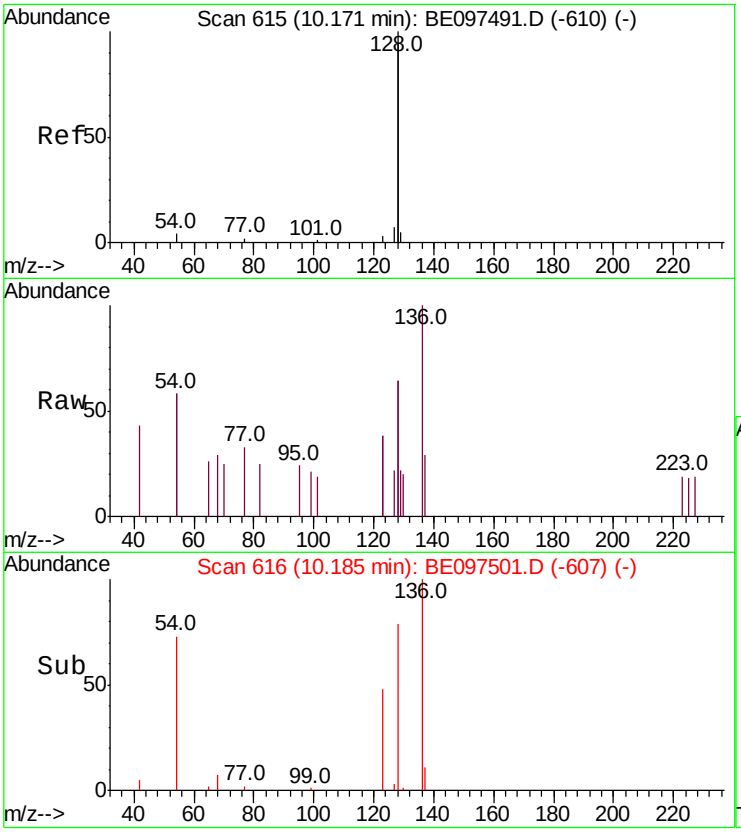


#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion: 82 Resp: 1556

Ion	Ratio	Lower	Upper
82	100		
128	39.2	24.0	36.0#
54	54.5	40.0	60.0



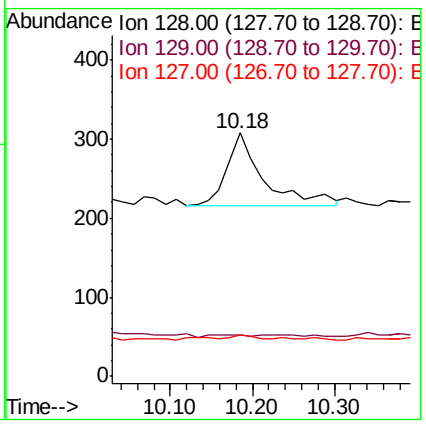


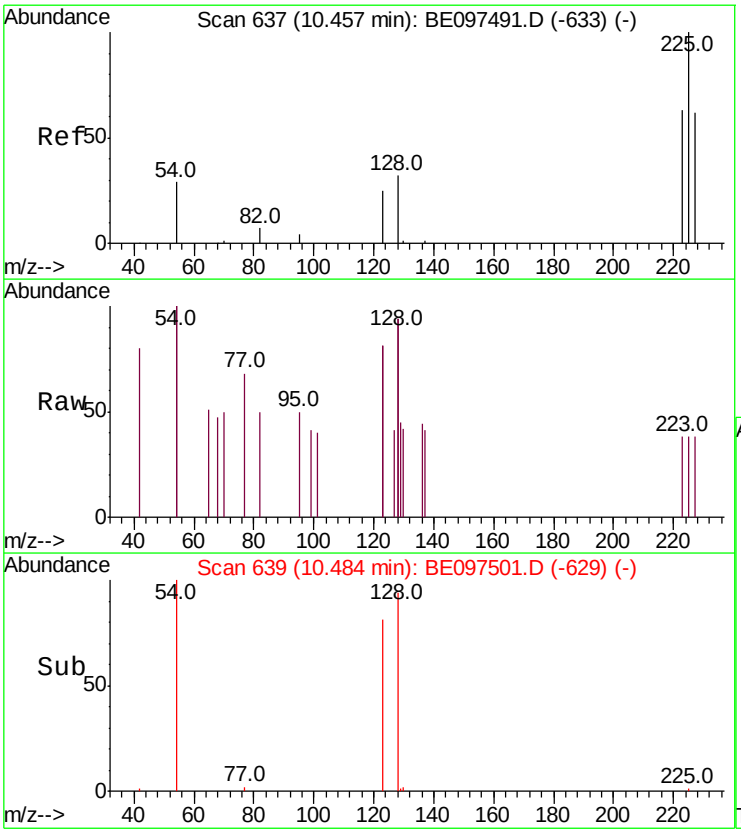
#9
Naphthalene
Concen: 0.007 ng
RT: 10.18 min Scan# 616
Delta R.T. 0.01 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:128 Resp: 287

Ion	Ratio	Lower	Upper
128	100		
129	17.2	2.6	3.8#
127	17.2	2.8	4.2#

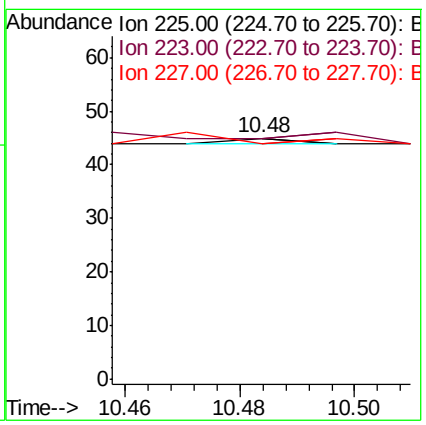


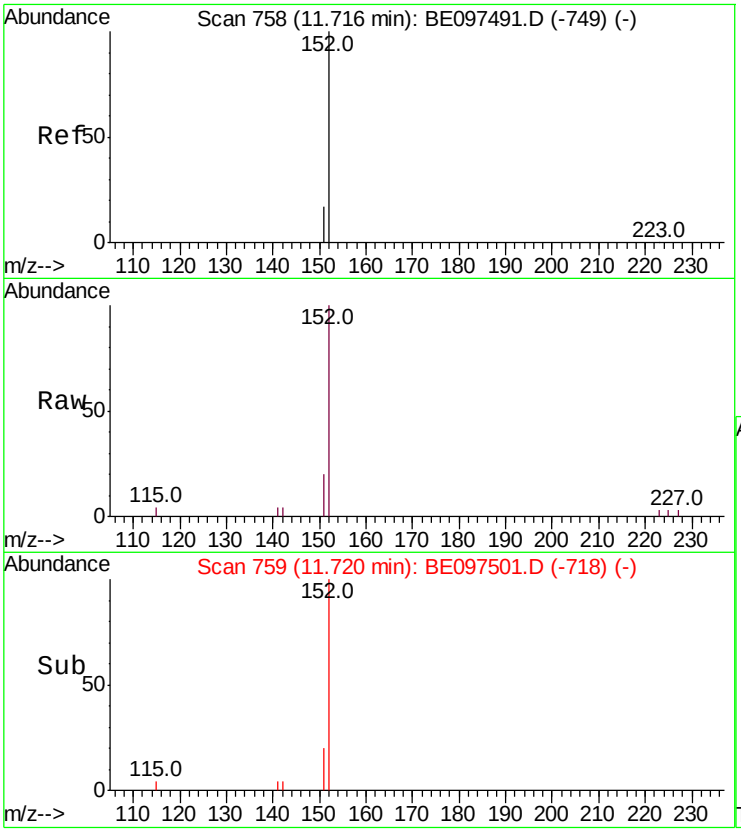


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.03 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	100.0	53.0	79.6#
227	0.0	51.4	77.2#



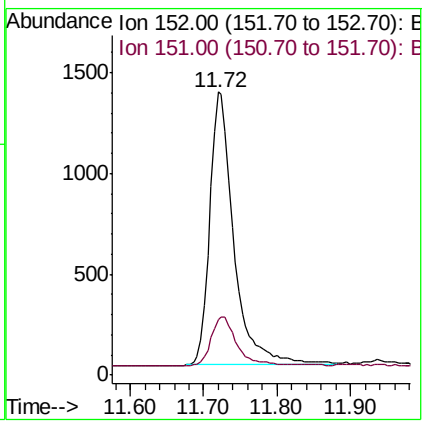


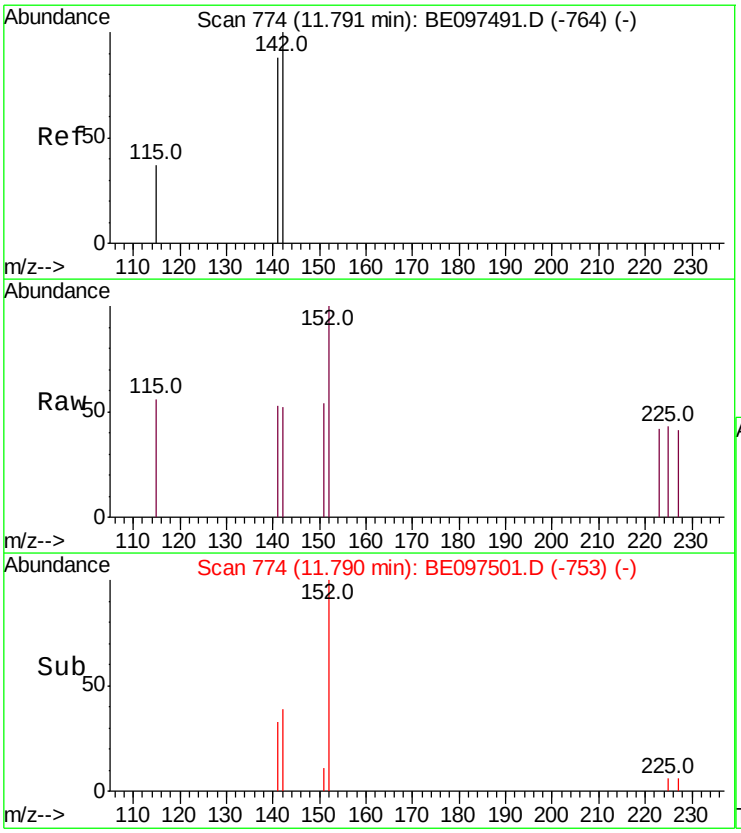
#11
2-Methylnaphthalene-d10
Concen: 0.486 ng
RT: 11.72 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:152 Resp: 3091

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

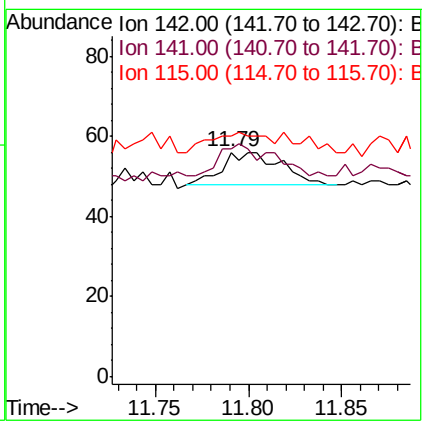


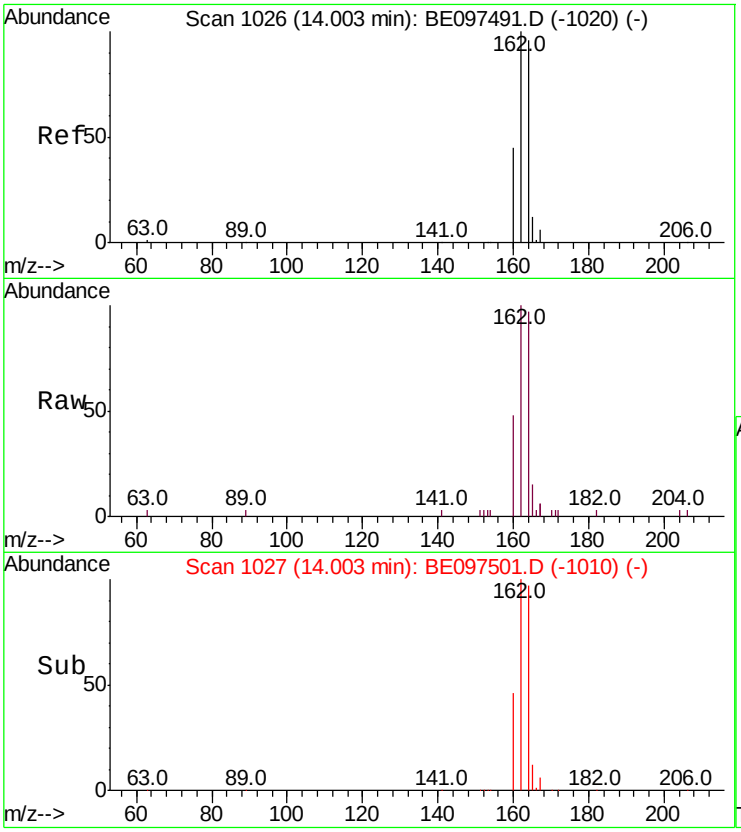


#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:142 Resp: 17

Ion	Ratio	Lower	Upper
142	100		
141	101.8	70.4	105.6
115	107.1	31.7	47.5#



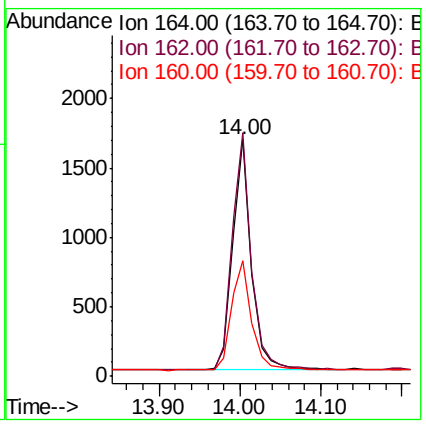


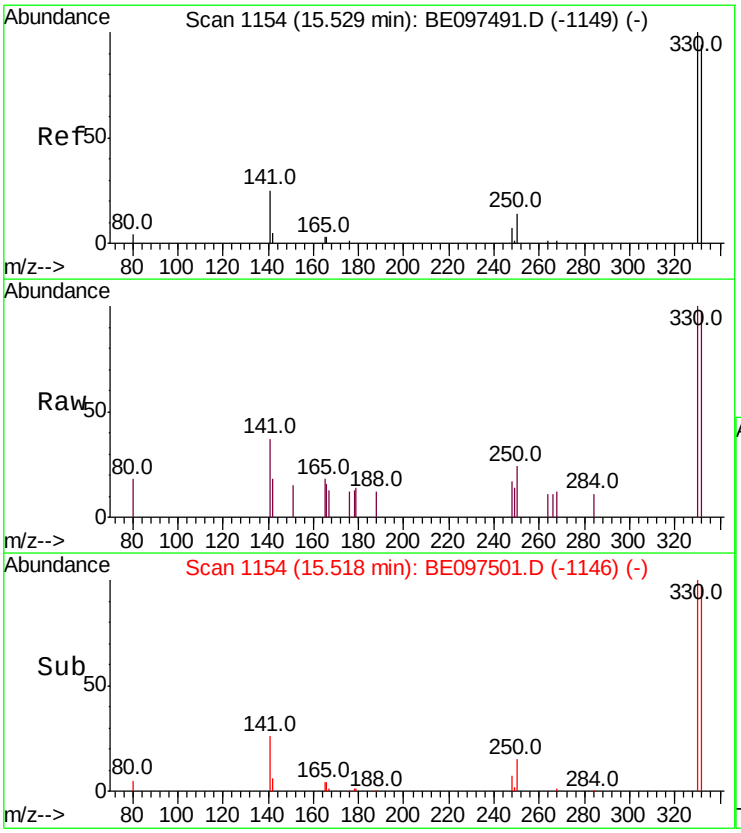
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:164 Resp: 2652

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.1	124.7
160	49.0	37.1	55.7

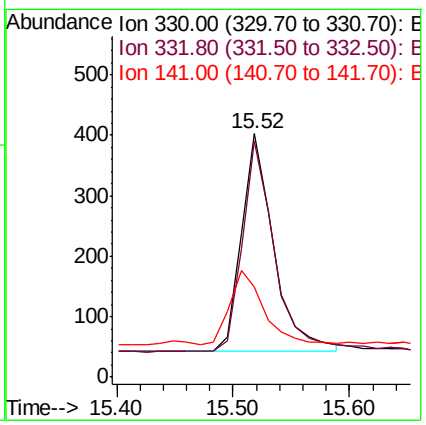


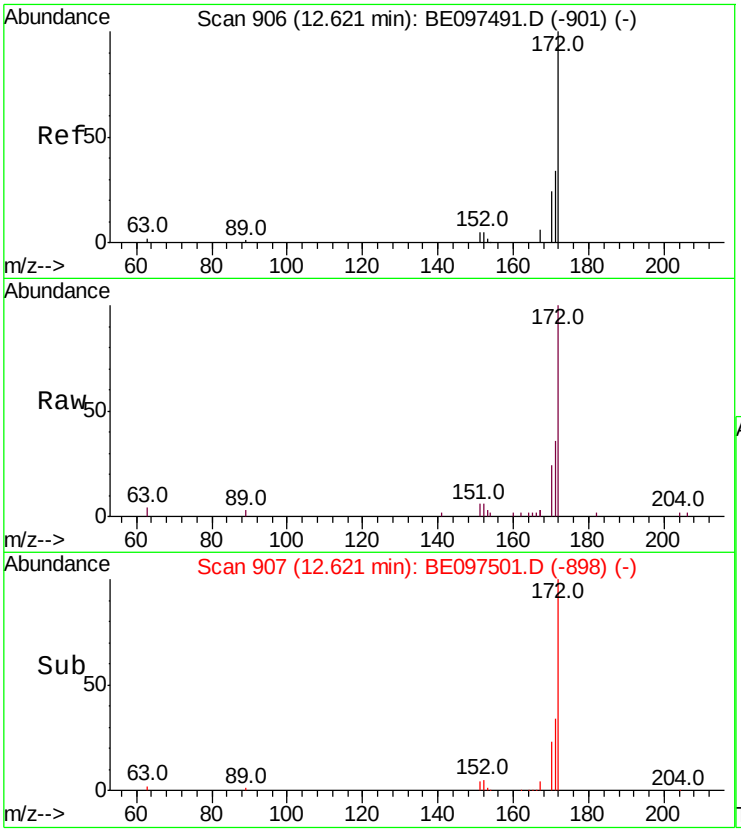


#14
2,4,6-Tribromophenol
Concen: 0.490 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:330 Resp: 687

Ion	Ratio	Lower	Upper
330	100		
332	95.9	152.7	229.1#
141	37.3	33.7	50.5



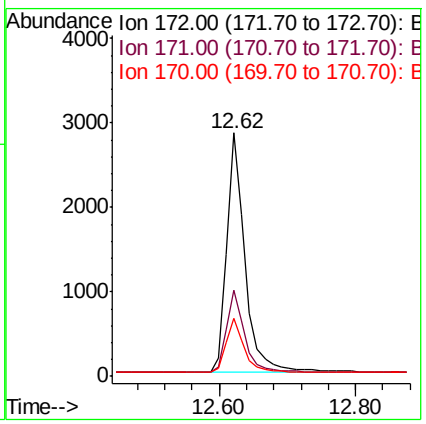


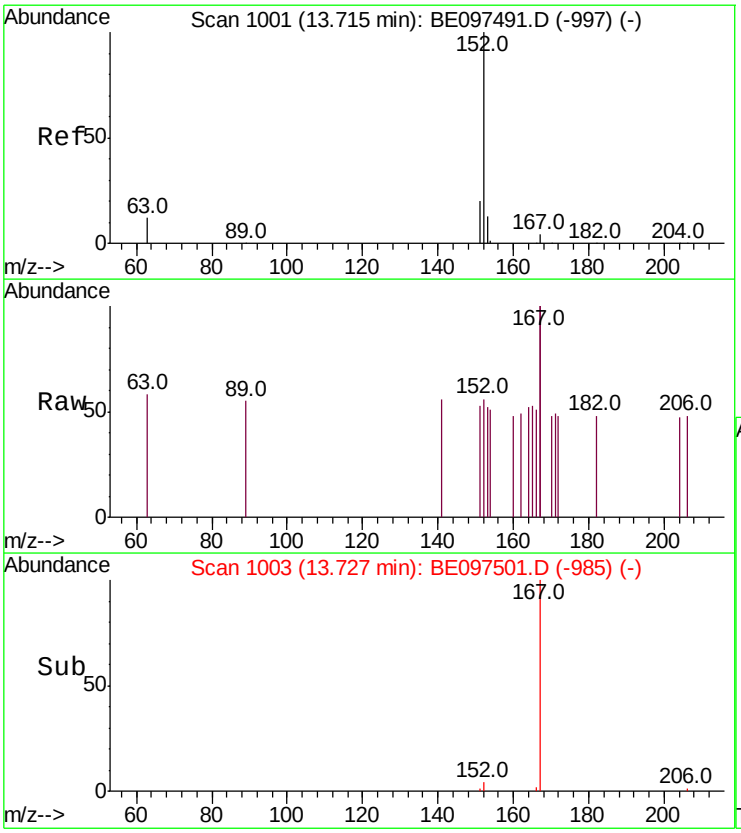
#15
2-Fluorobiphenyl
Concen: 0.582 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:172 Resp: 5395

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	23.9	21.8	32.8

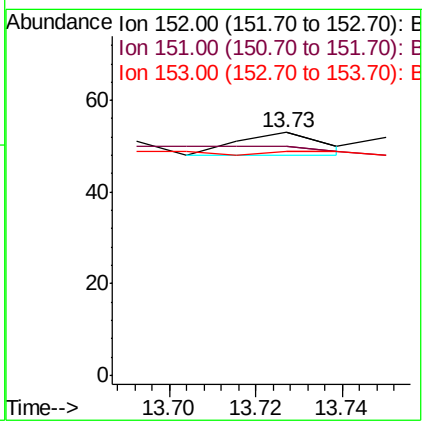


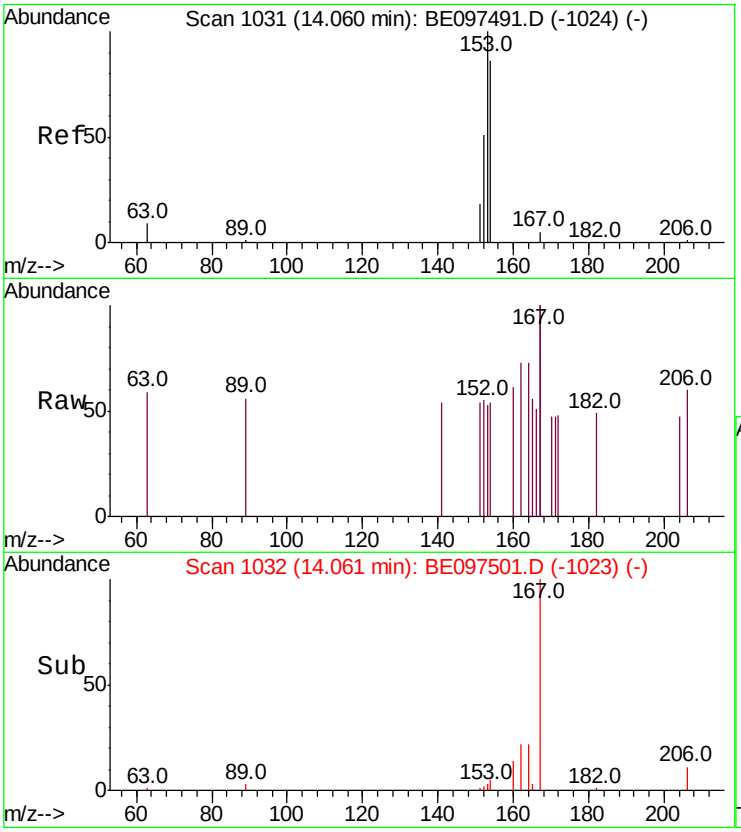


#16
Acenaphthylene
Concen: 0.001 ng
RT: 13.73 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:152 Resp: 7

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



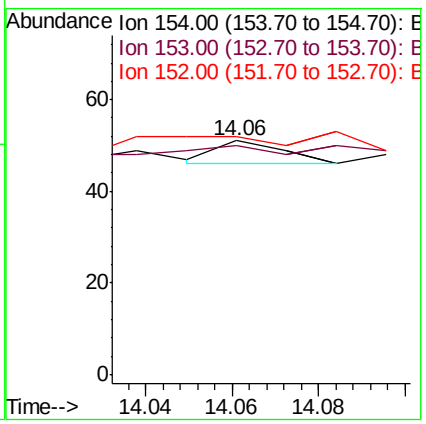


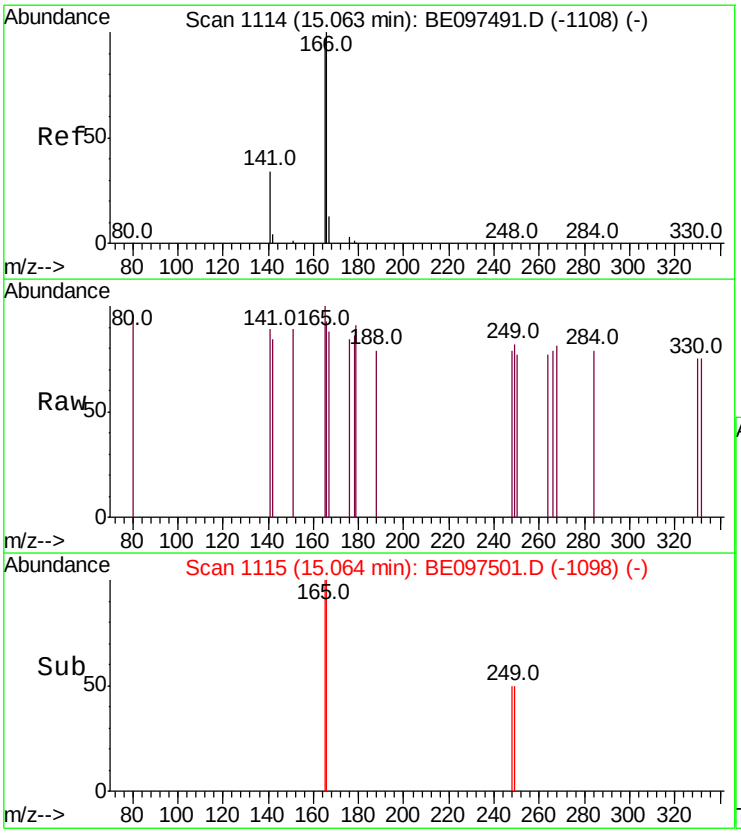
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:154 Resp: 6

Ion	Ratio	Lower	Upper
154	100		
153	33.3	89.2	133.8#
152	0.0	42.0	63.0#

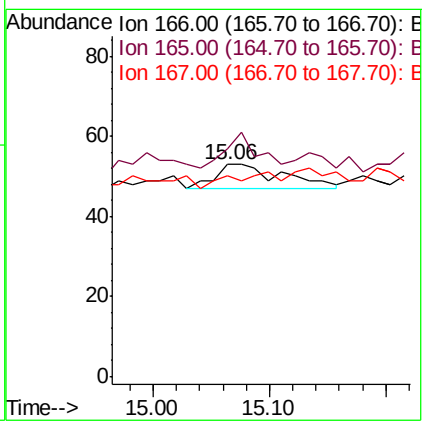


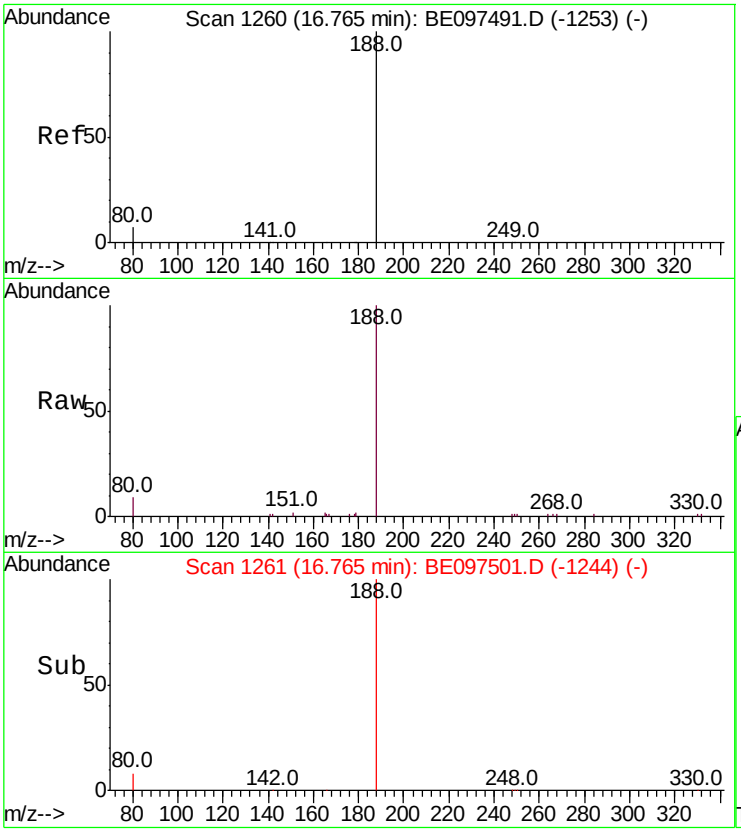


#18
Fluorene
Concen: 0.003 ng
RT: 15.06 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:166 Resp: 24

Ion	Ratio	Lower	Upper
166	100		
165	87.5	77.8	116.6
167	0.0	42.4	63.6#



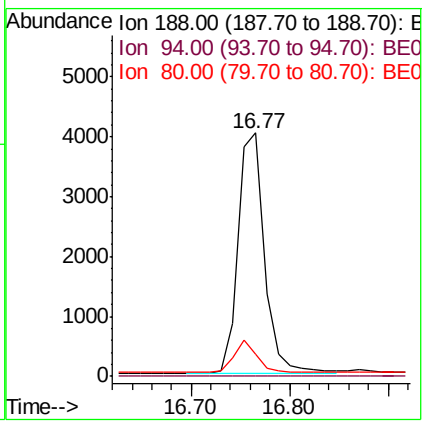


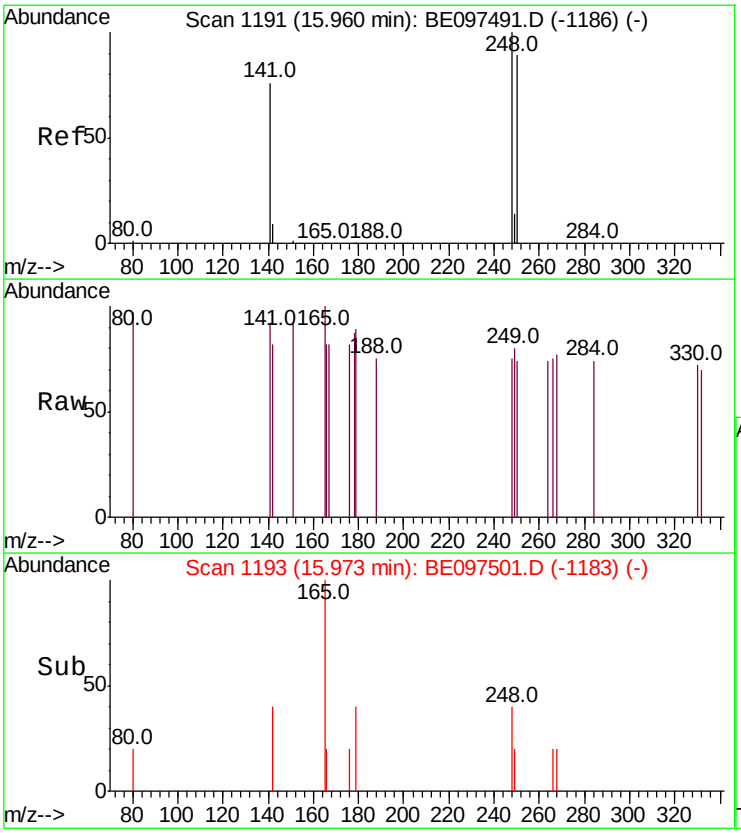
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:188 Resp: 7475

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.0	3.6	5.4#

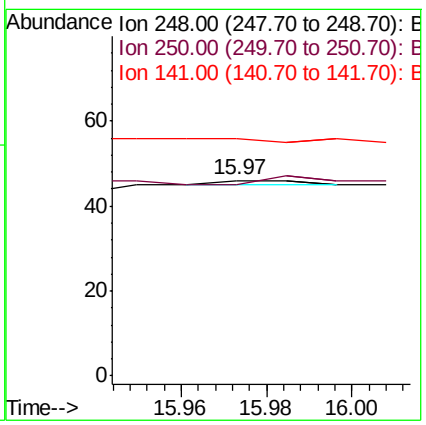


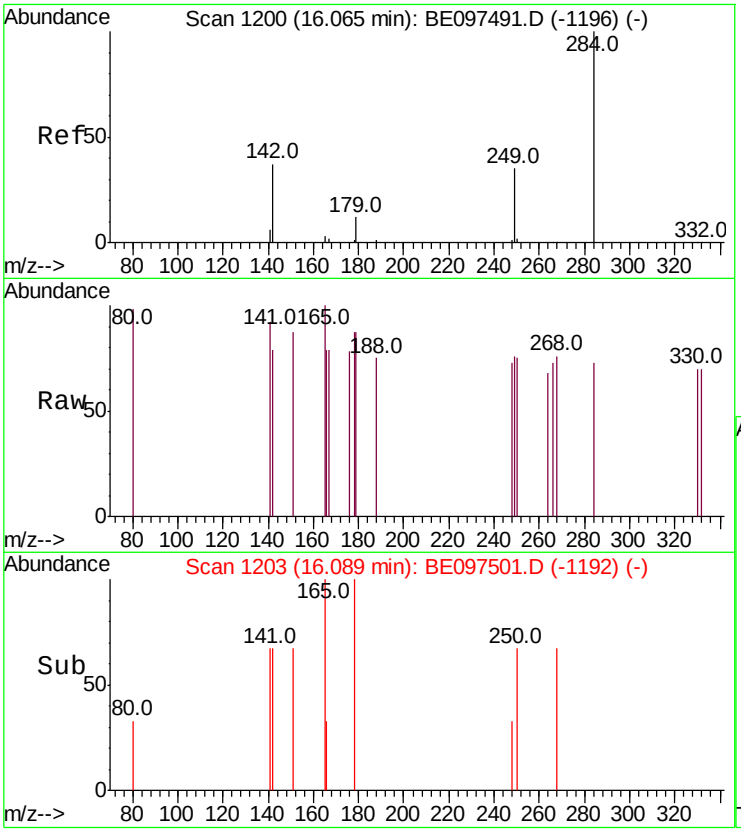


#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 15.97 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:248 Resp: 1

Ion	Ratio	Lower	Upper
248	100		
250	97.8	62.7	94.1#
141	121.7	48.2	72.2#



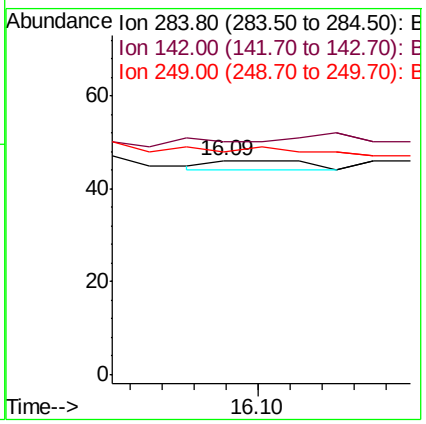


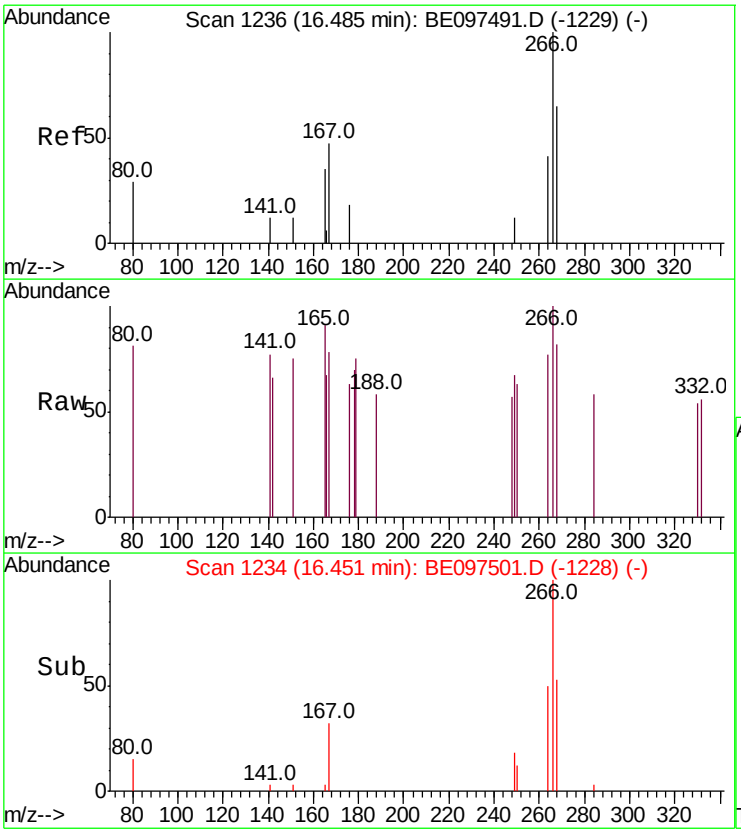
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.09 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:284 Resp: 4

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

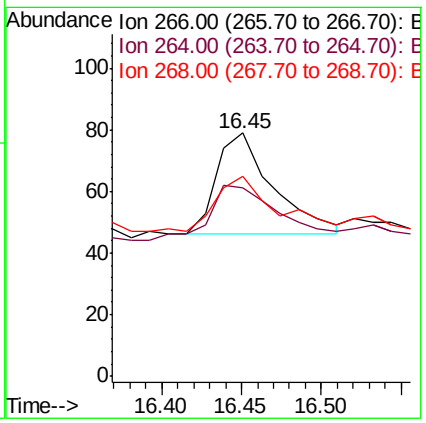


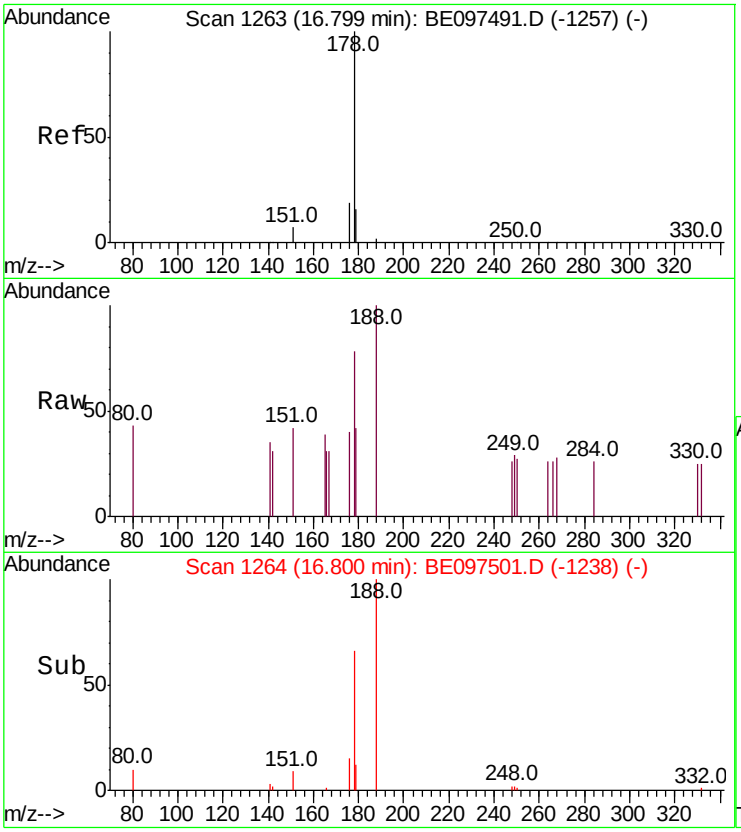


#22
Pentachlorophenol
Concen: 0.208 ng
RT: 16.45 min Scan# 1234
Delta R.T. -0.03 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:266 Resp: 81

Ion	Ratio	Lower	Upper
266	100		
264	77.2	72.5	108.7
268	82.3	73.8	110.6



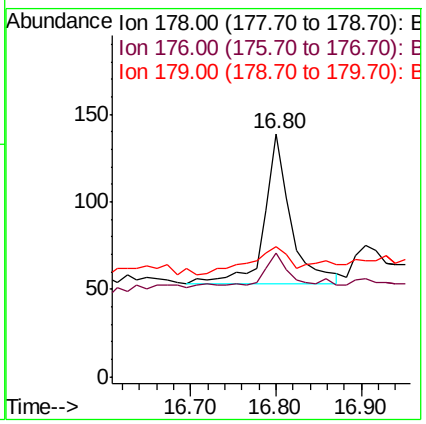


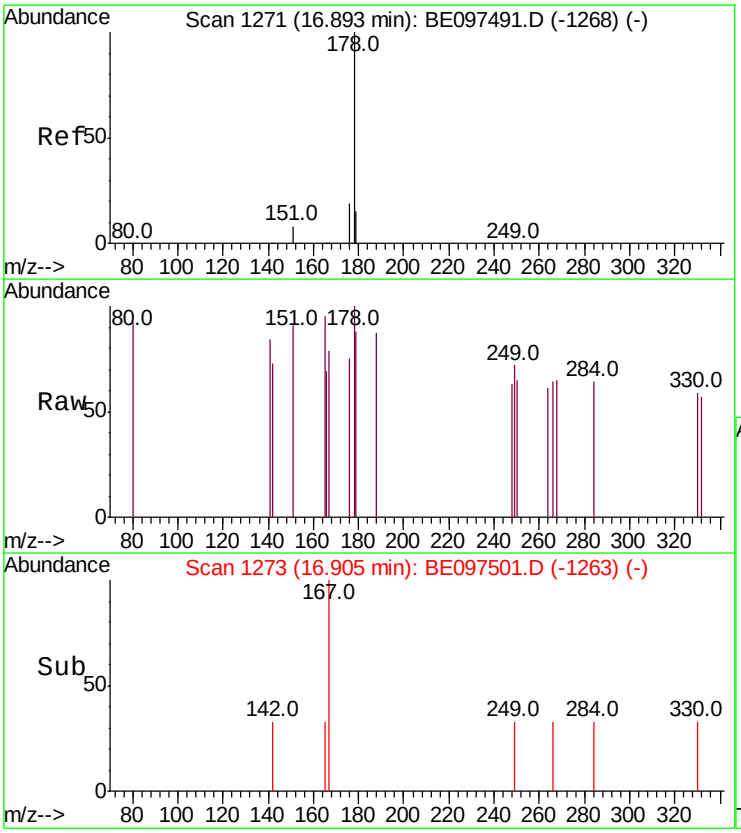
#23
Phenanthrene
Concen: 0.010 ng
RT: 16.80 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:178 Resp: 184

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	31.0	11.8	17.6#

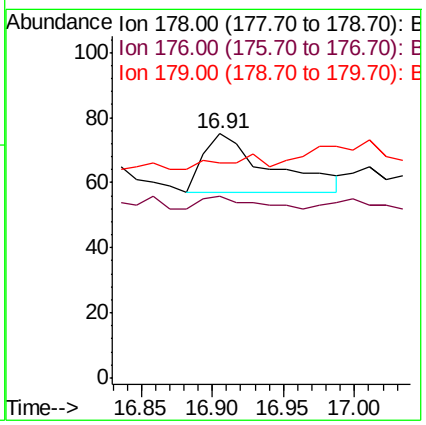


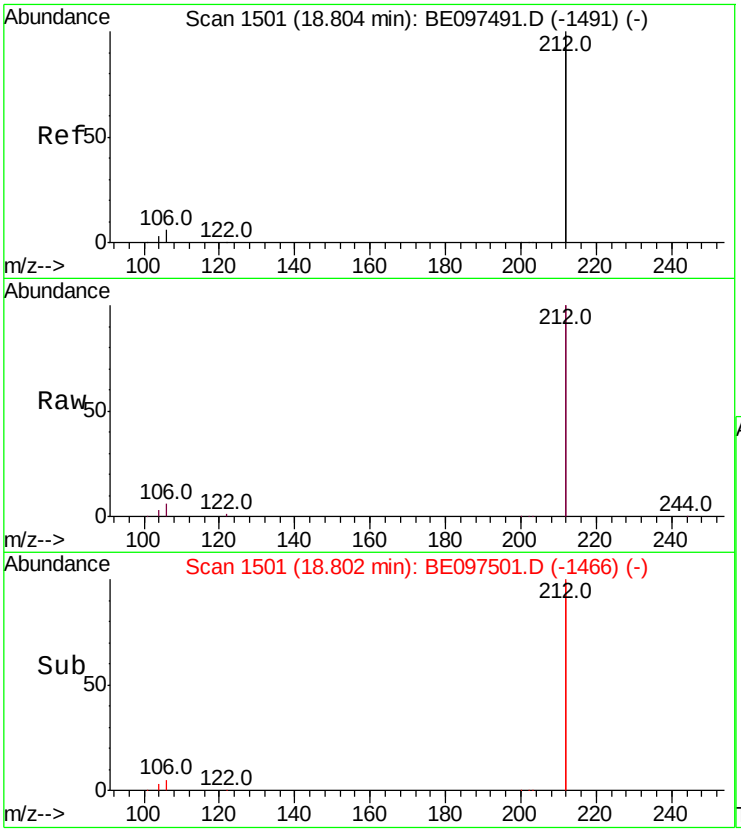


#24
Anthracene
Concen: 0.004 ng
RT: 16.91 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:178 Resp: 59

Ion	Ratio	Lower	Upper
178	100		
176	15.3	12.8	19.2
179	0.0	13.0	19.6#



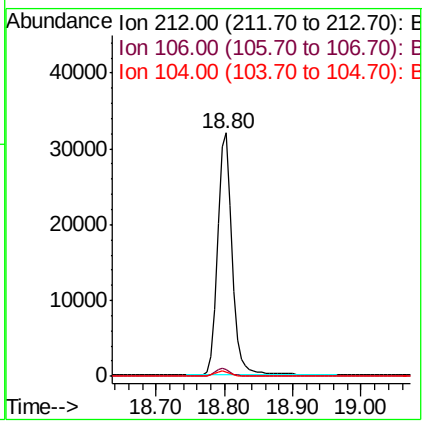


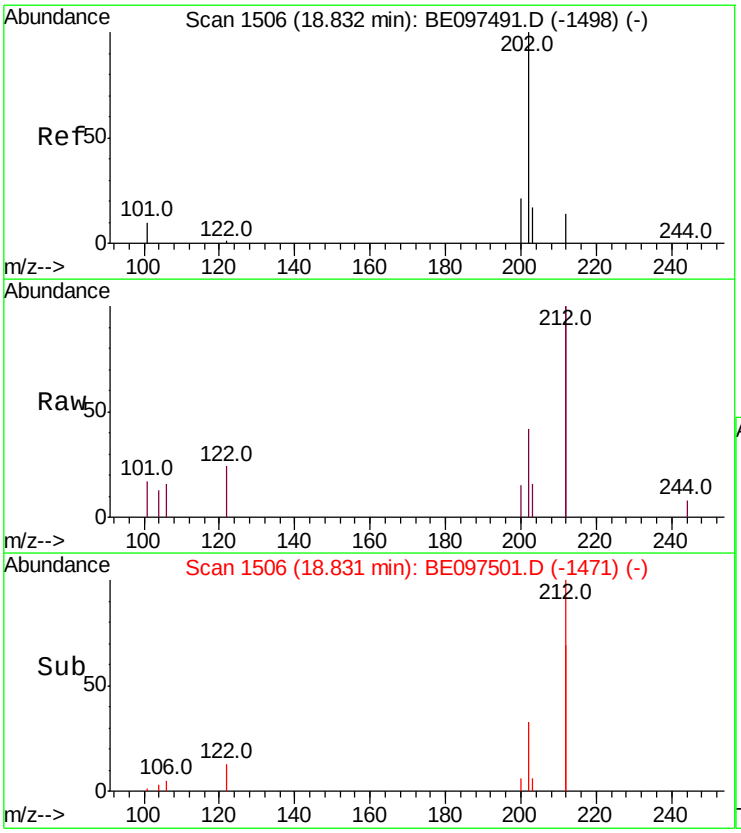
#25
Fluoranthene-d10
Concen: 0.532 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:212 Resp: 47749

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.7	1.6	2.4

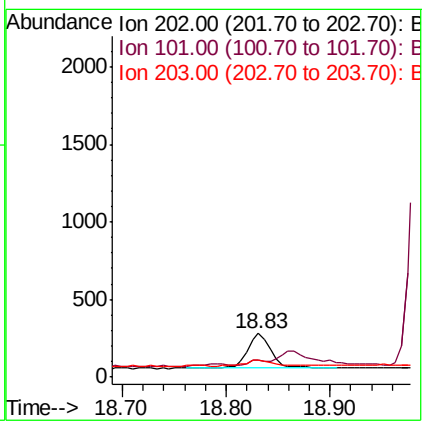


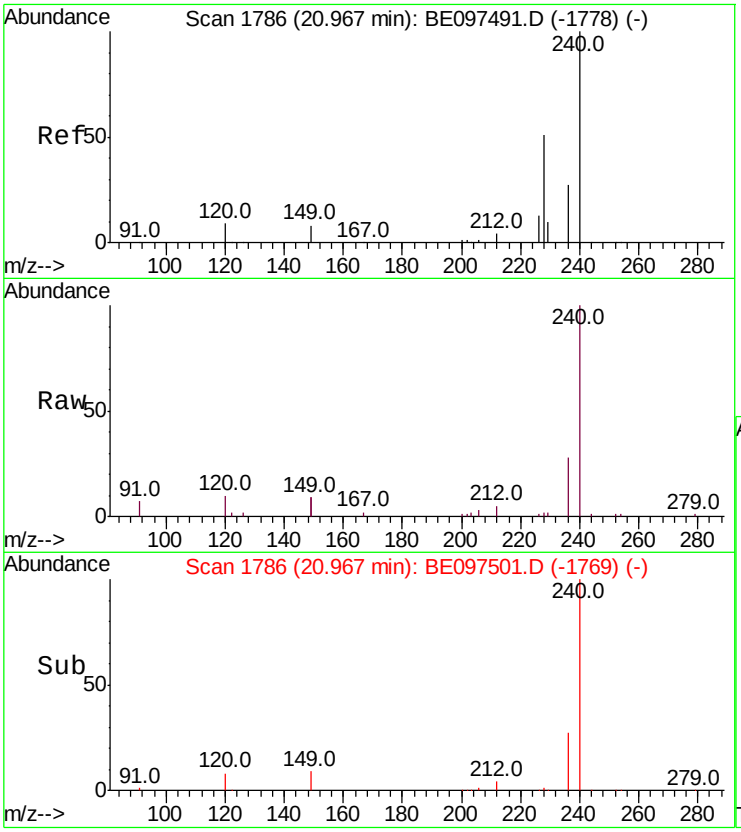


#26
Fluoranthene
Concen: 0.016 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:202 Resp: 361

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.8	14.8#
203	23.8	13.7	20.5#



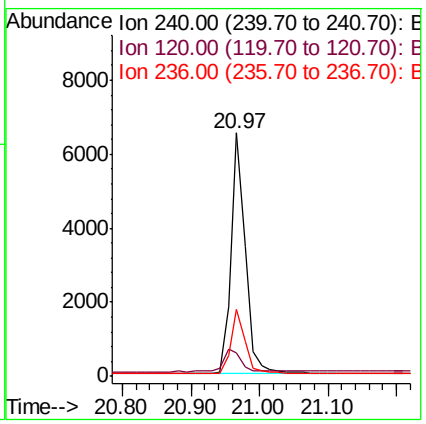


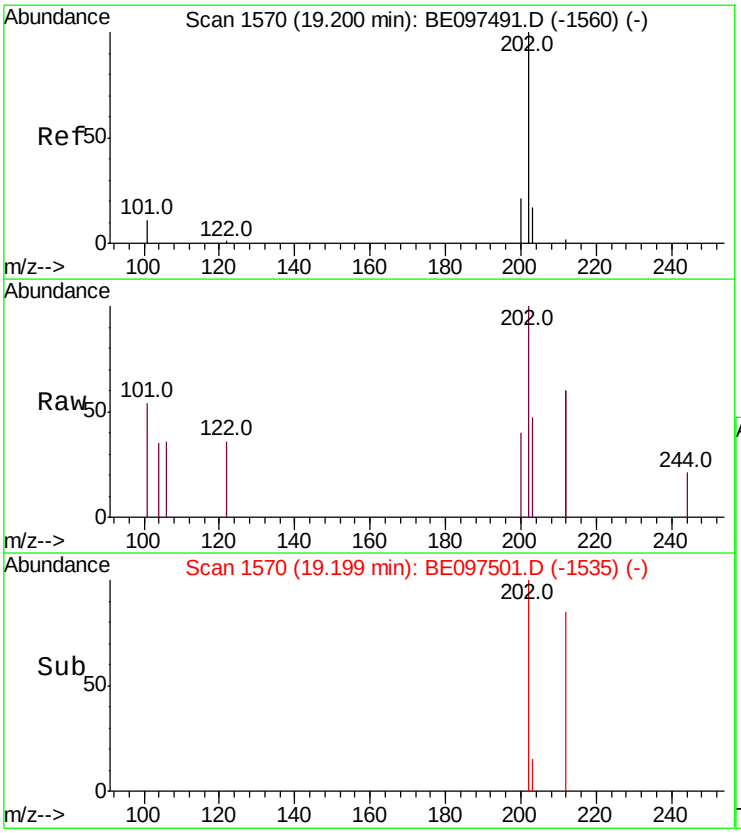
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:240 Resp: 9449

Ion	Ratio	Lower	Upper
240	100		
120	9.8	5.5	8.3#
236	27.7	20.7	31.1

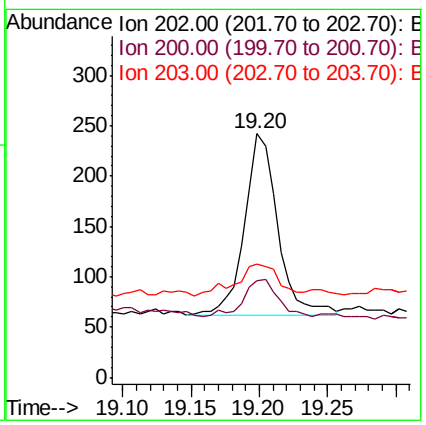


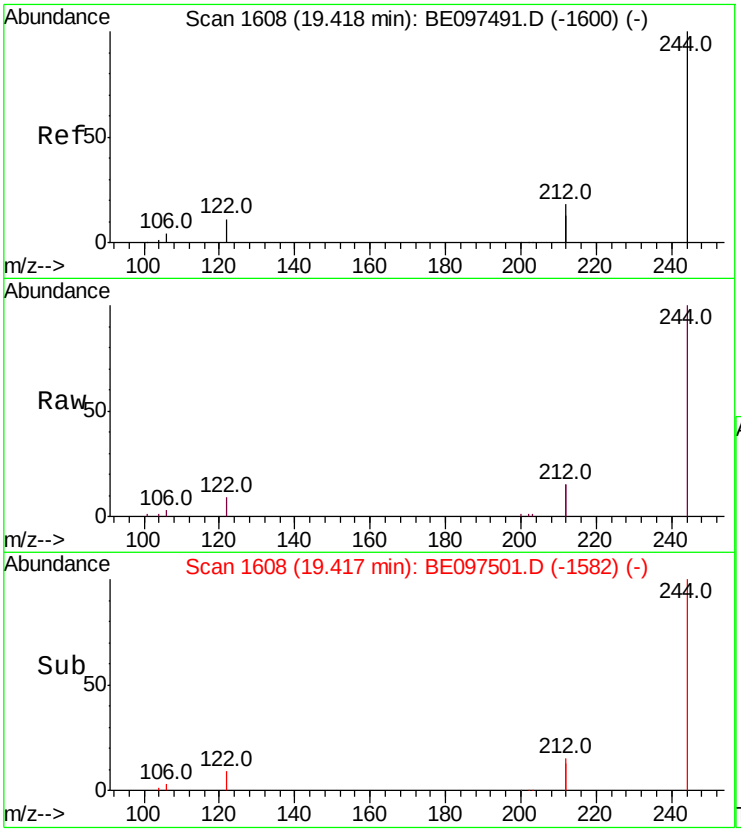


#28
Pyrene
Concen: 0.012 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:202 Resp: 300

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.6	25.0
203	22.7	13.8	20.8#



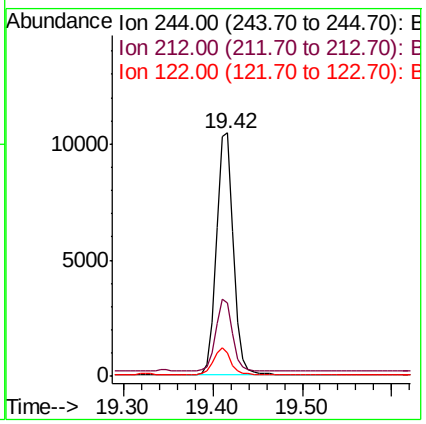


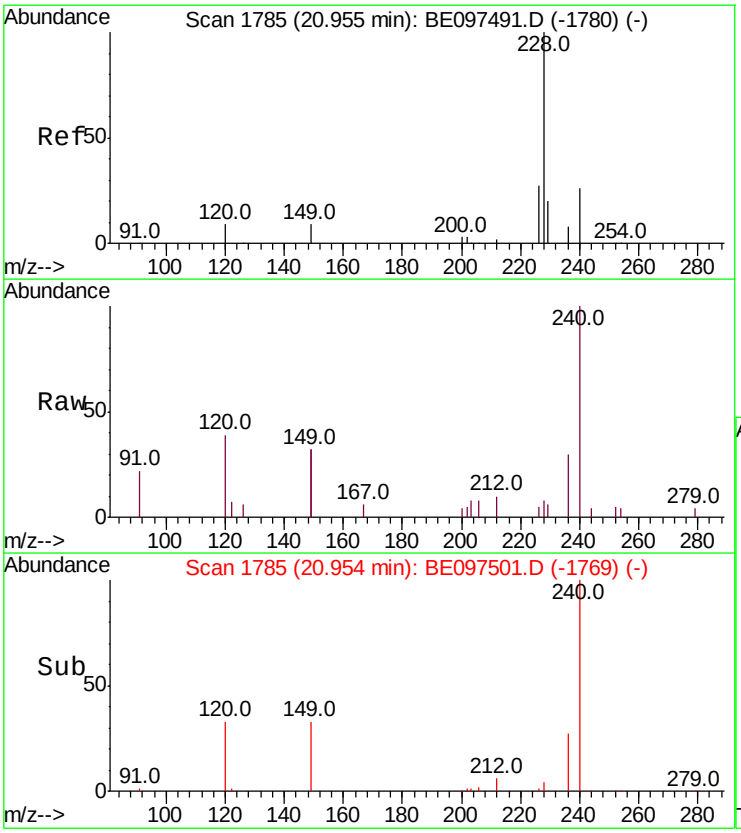
#29
Terphenyl-d14
Concen: 0.762 ng
RT: 19.42 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:244 Resp: 13780

Ion	Ratio	Lower	Upper
244	100		
212	29.9	25.4	38.0
122	9.4	8.1	12.1

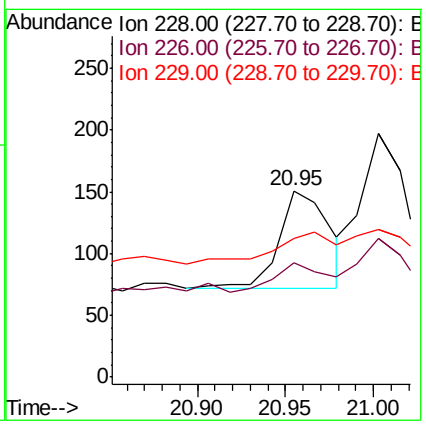


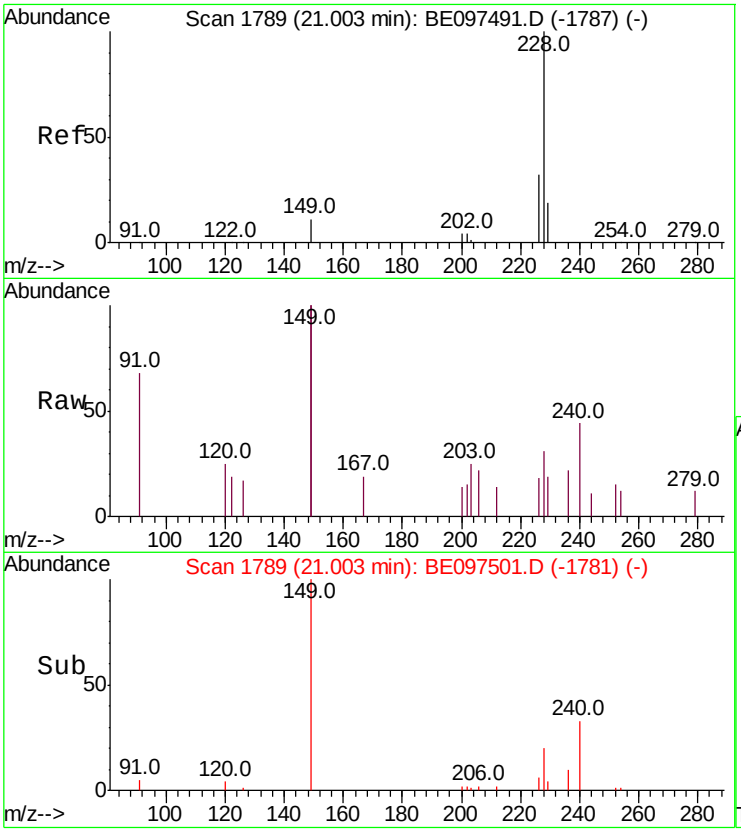


#30
Benzo(a)anthracene
Concen: 0.006 ng
RT: 20.95 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:228 Resp: 158

Ion	Ratio	Lower	Upper
228	100		
226	61.6	24.0	36.0#
229	74.2	16.0	24.0#



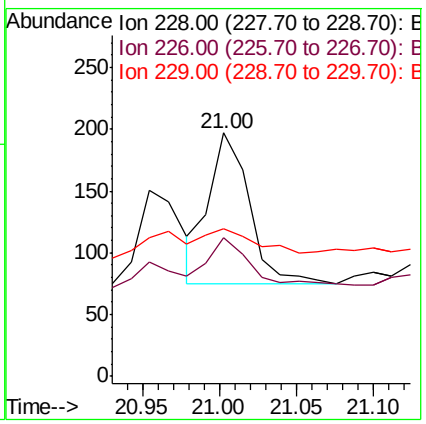


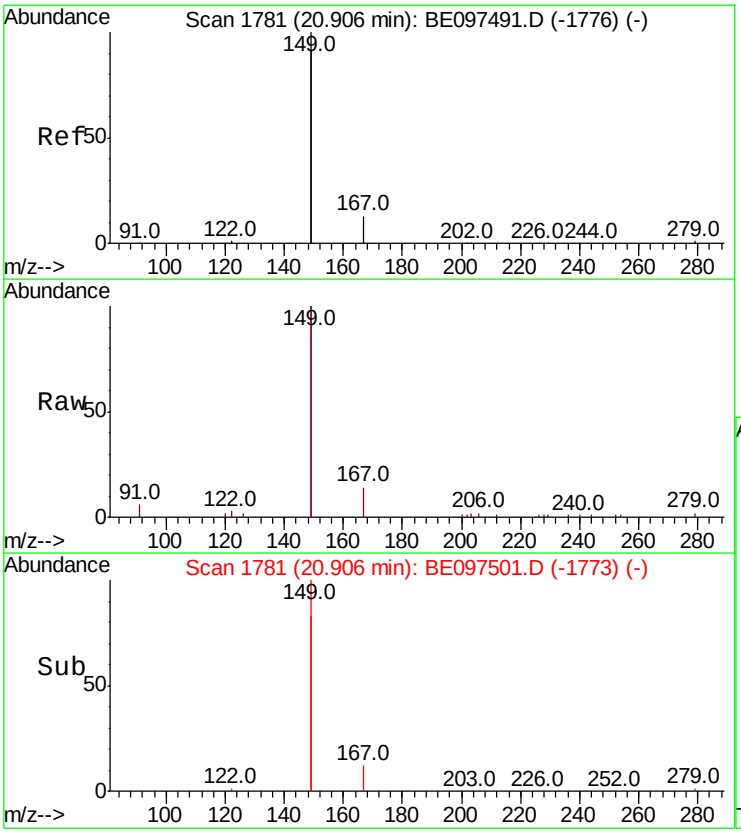
#31
Chrysene
Concen: 0.009 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:228 Resp: 222

Ion	Ratio	Lower	Upper
228	100		
226	56.9	24.0	36.0#
229	60.4	16.0	24.0#

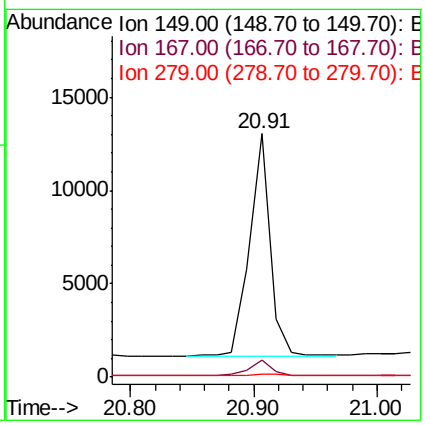


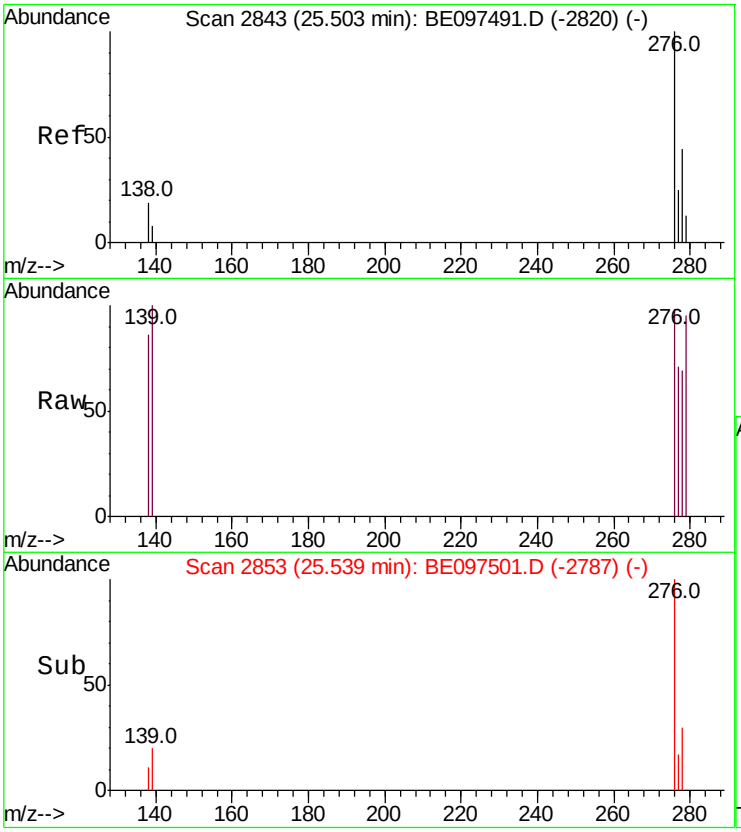


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.263 ng
RT: 20.91 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:149 Resp: 13883

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1



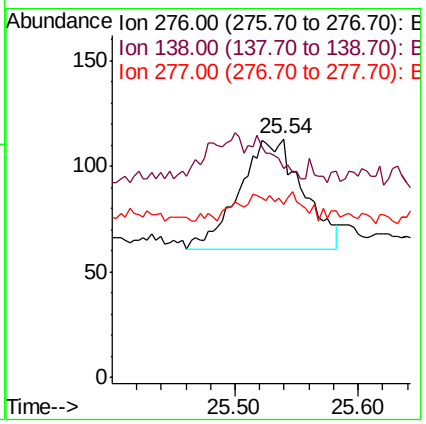


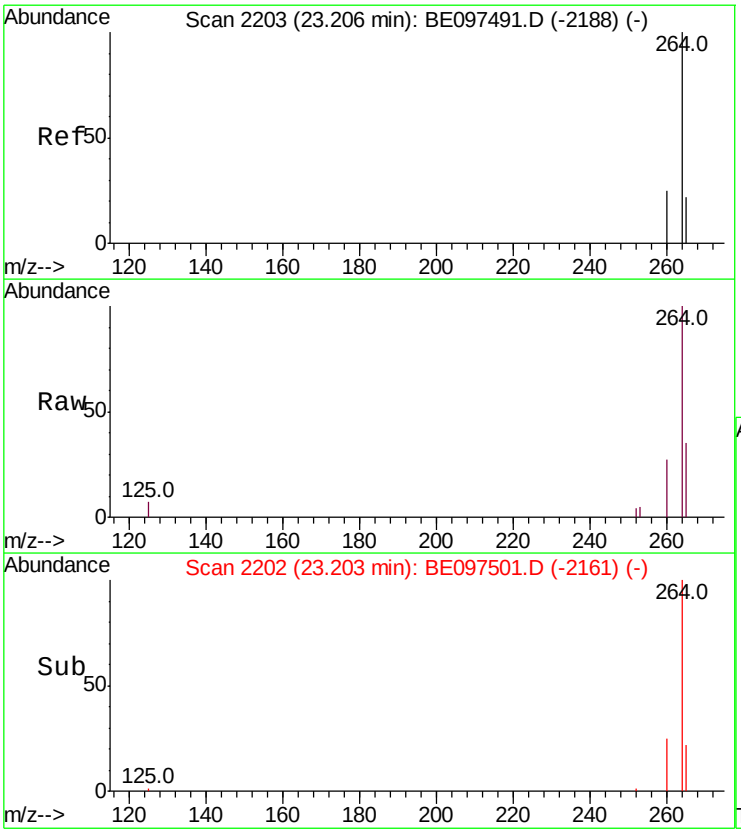
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 25.54 min Scan# 2853
Delta R.T. 0.04 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:276 Resp: 185

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

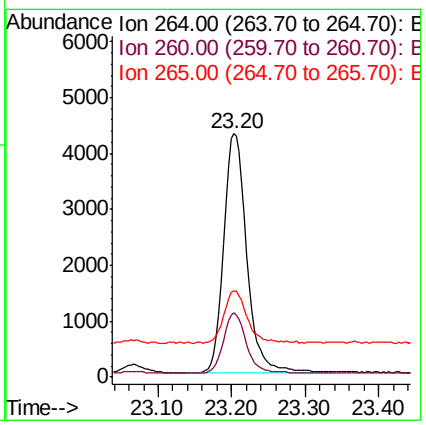


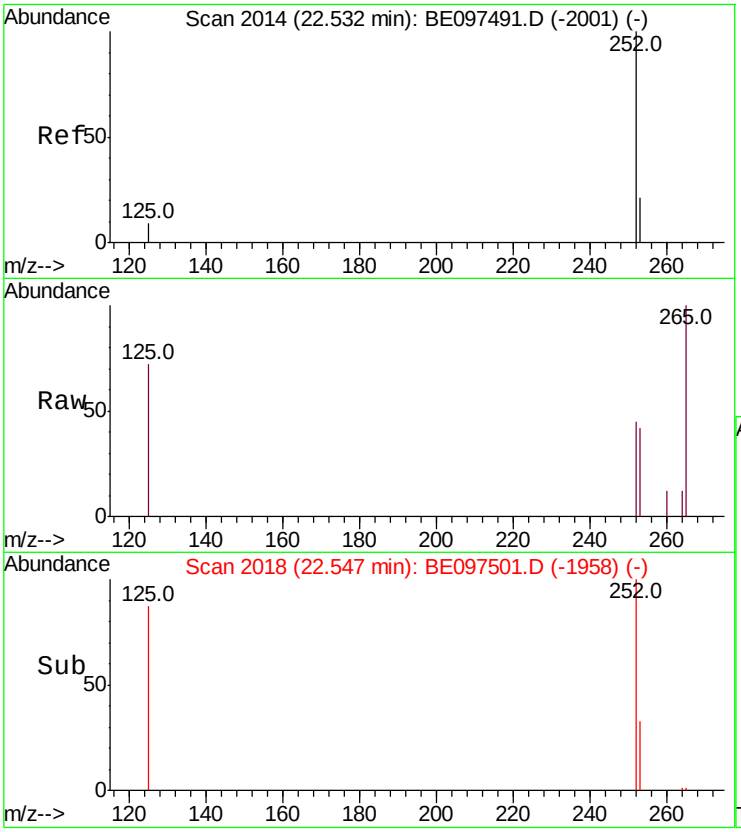


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:264 Resp: 9504

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	35.4	22.8	34.2#



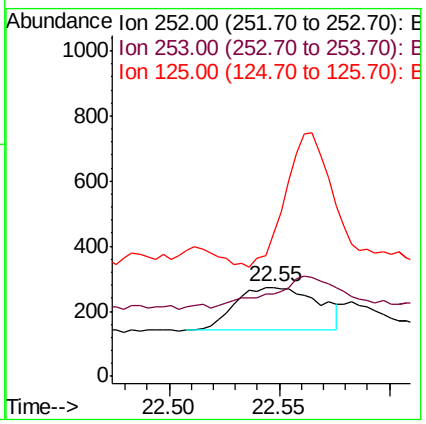


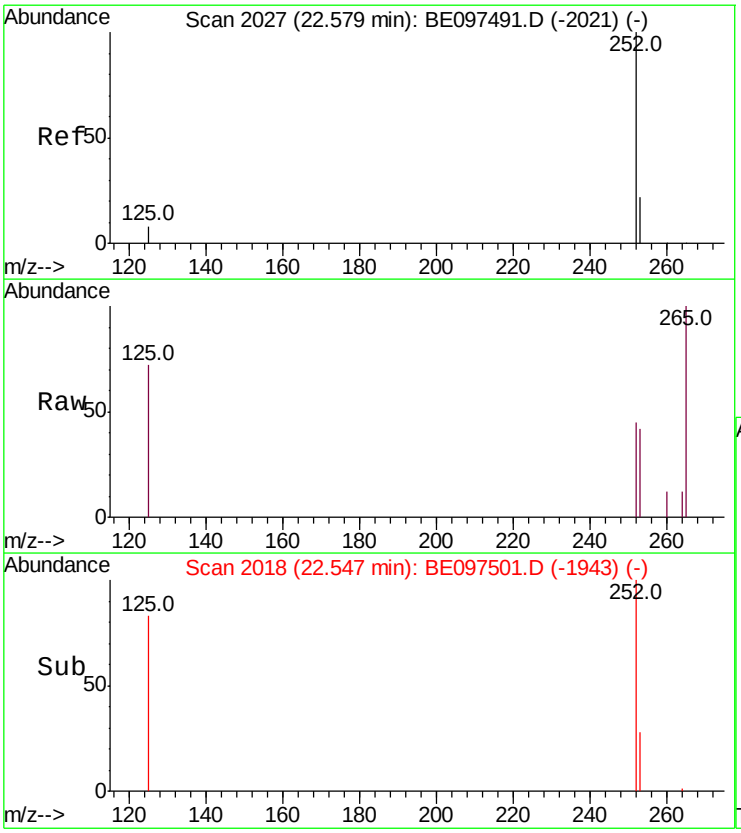
#35
Benzo(b)fluoranthene
Concen: 0.014 ng
RT: 22.55 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:252 Resp: 342

Ion	Ratio	Lower	Upper
252	100		
253	92.7	20.0	30.0#
125	160.1	16.0	24.0#

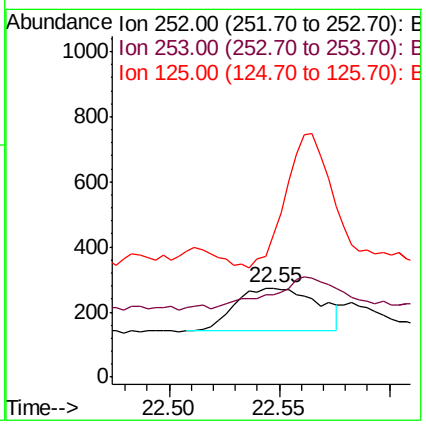


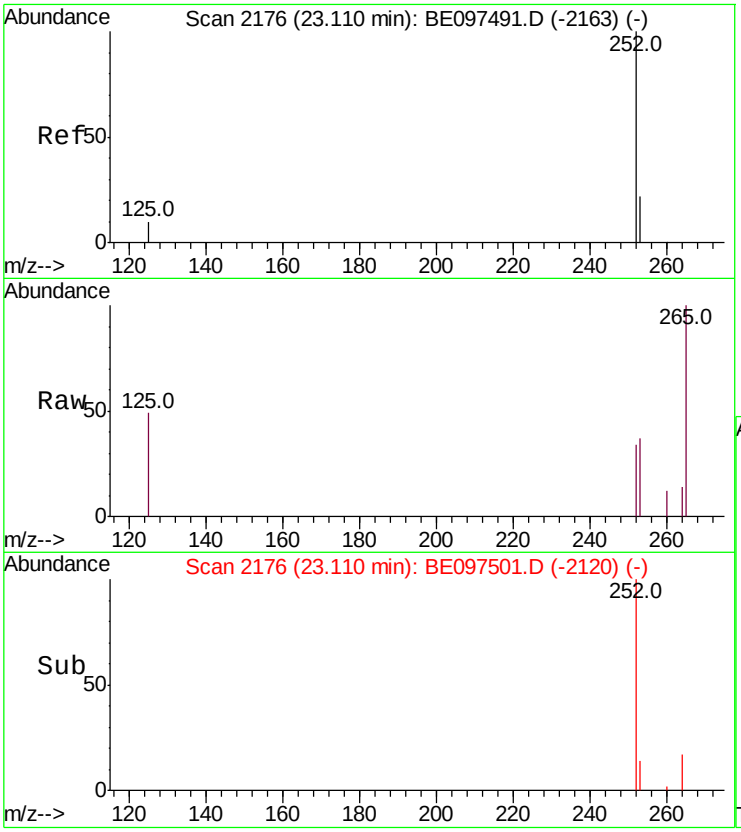


#36
Benzo(k)fluoranthene
Concen: 0.013 ng
RT: 22.55 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:252 Resp: 342

Ion	Ratio	Lower	Upper
252	100		
253	92.7	16.0	24.0#
125	160.1	8.0	12.0#



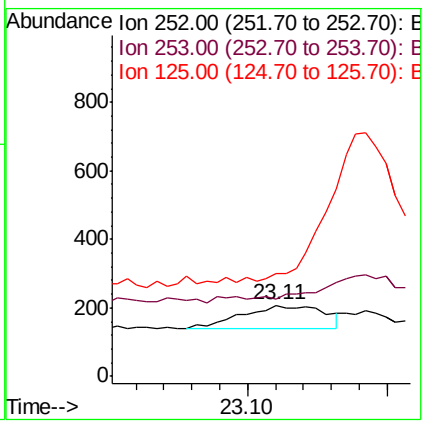


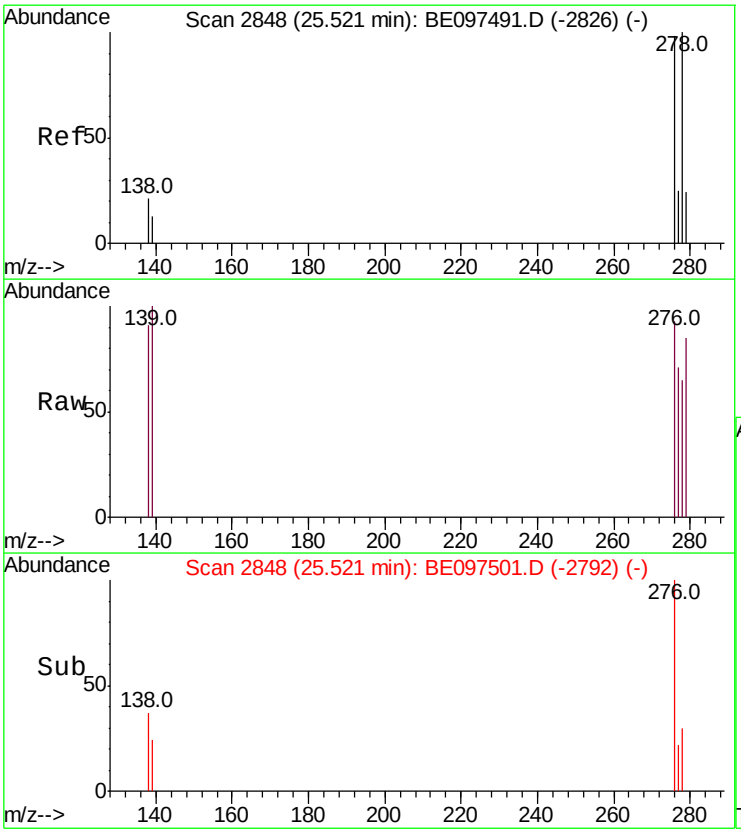
#37
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:252 Resp: 143

Ion	Ratio	Lower	Upper
252	100		
253	109.7	16.0	24.0#
125	144.4	12.0	18.0#

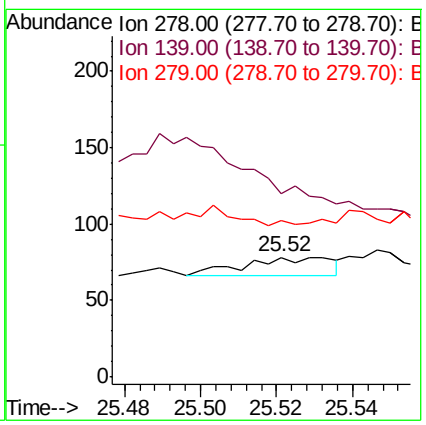


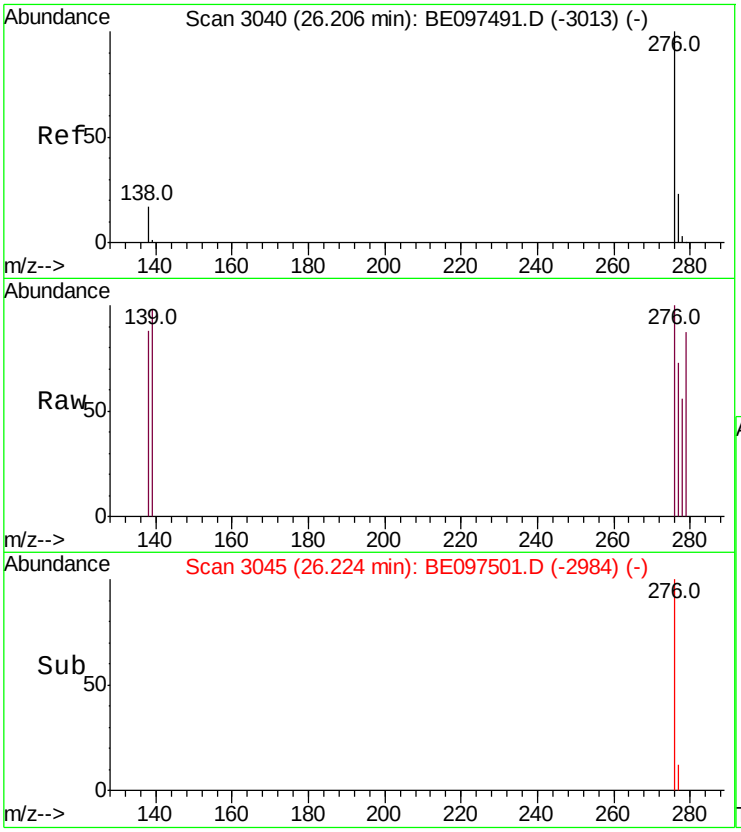


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.52 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Tgt Ion:278 Resp: 20

Ion	Ratio	Lower	Upper
278	100		
139	153.8	16.0	24.0#
279	130.8	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.007 ng
RT: 26.22 min Scan# 3045
Delta R.T. 0.02 min
Lab File: BE097501.D
Acq: 17 Sep 2018 18:23

Instrument :
BNA_E
ClientSampleId :
C-MW-10-091118

Tgt Ion:276 Resp: 168

Ion	Ratio	Lower	Upper
276	100		
277	72.6	16.0	24.0#
138	88.5	20.0	30.0#