Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092518\

Quantitation Report (Not Reviewed)

Data File : BE097665.D
Acq On : 25 Sep 2018 19:43
Operator : SJ/JU
Sample : J5033-17MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPSI-TT-MW311I-20180919MSD

Quant Time: Sep 26 07:36:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	811	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3504	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	1895	0.40	ng		0.00
19) Phenanthrene-d10	16.75	188	5724	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8567	0.40	ng		0.00
34) Perylene-d12	23.20	264	8078	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	423	0.20	ng		0.00
5) Phenol-d6	6.64	99	231	0.08	ng		0.02
8) Nitrobenzene-d5	8.54	82	1175	0.53	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2715	0.52	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	383	0.49	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	4415	0.71	ng		-0.01
25) Fluoranthene-d10	18.80	212	35614	0.57	ng		0.00
29) Terphenyl-d14	19.41	244	8089	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	351	0.237	ng	#	67
3) n-Nitrosodimethylamine	3.39	42	191	0.246	ng	#	92
6) bis(2-Chloroethyl)ether	6.84	93	1081	0.429	ng		87
9) Naphthalene	10.18	128	15859	0.498	ng		100
10) Hexachlorobutadiene	10.46	225	606	0.418	ng		96
12) 2-Methylnaphthalene	11.80	142	2465	0.489	ng		98
16) Acenaphthylene	13.71	152	3832	0.503	ng		99
17) Acenaphthene	14.06	154	2435	0.489	ng		96
18) Fluorene	15.06	166	3385	0.484	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	1167	0.460	ng	#	85
21) Hexachlorobenzene	16.07	284	1178	0.403	ng	#	86
22) Pentachlorophenol	16.44	266	971	1.326	ng	#	75
23) Phenanthrene	16.80	178	7023	0.519	ng		98
24) Anthracene	16.89	178	6099	0.542	ng		96
26) Fluoranthene	18.83	202	9688	0.596	ng		99
28) Pyrene	19.19	202	10104	0.452	ng		99
30) Benzo(a)anthracene	20.95	228	11400	0.563	ng		95
31) Chrysene	21.00	228	11465	0.484	ng		99
32) Bis(2-ethylhexyl)phthalate	20.89	149	18001	0.778	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	12632	0.506	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	10531	0.510	ng	#	88
36) Benzo(k)fluoranthene	22.57	252	12679	0.519	ng		95
37) Benzo(a)pyrene	23.10	252	10541	0.517	ng	#	92
38) Dibenzo(a,h)anthracene	25.51	278	10286	0.480	ng	#	94
39) Benzo(g,h,i)perylene	26.20	276	10305	0.483	ng	#	91

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

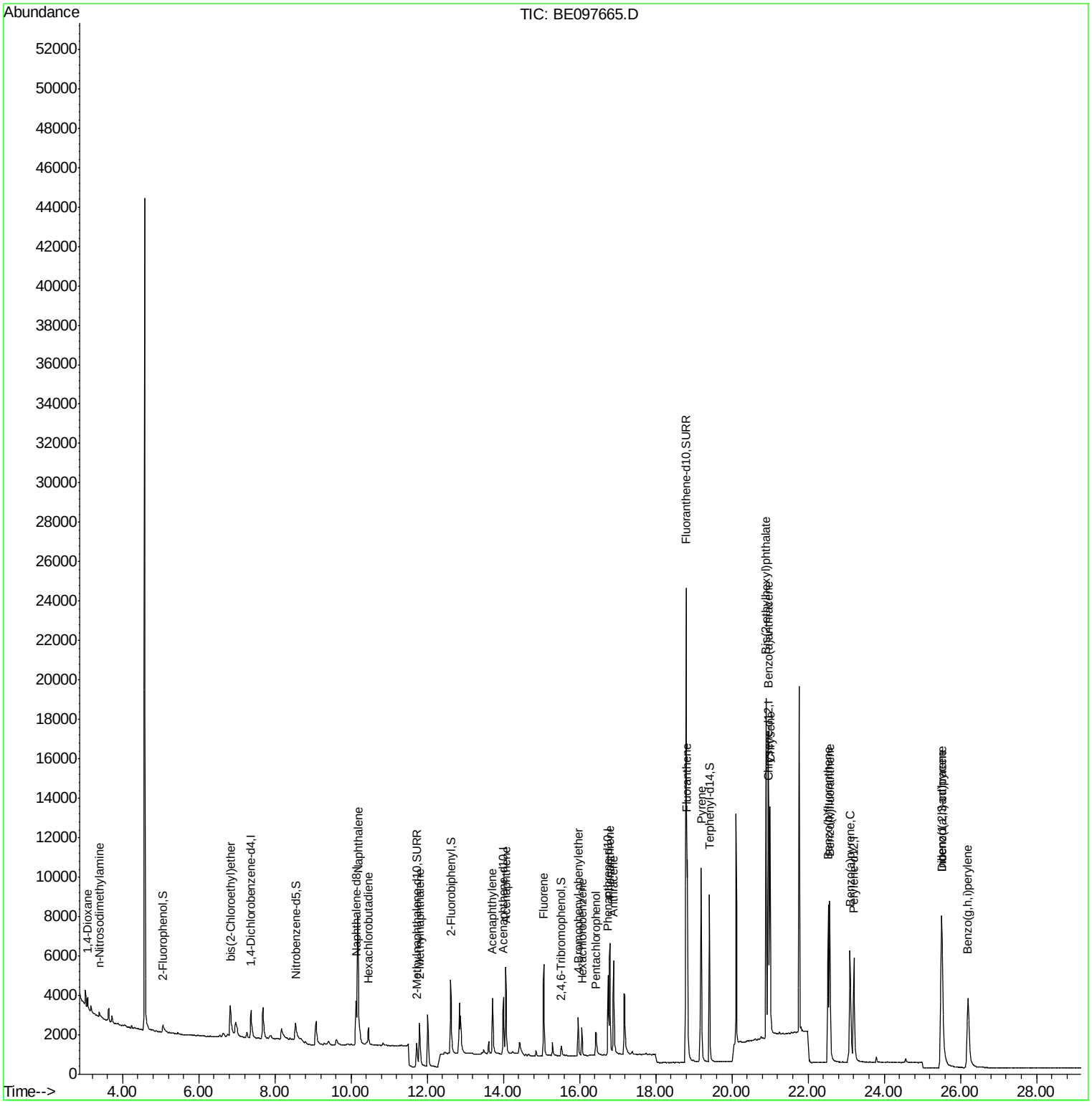
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092518\

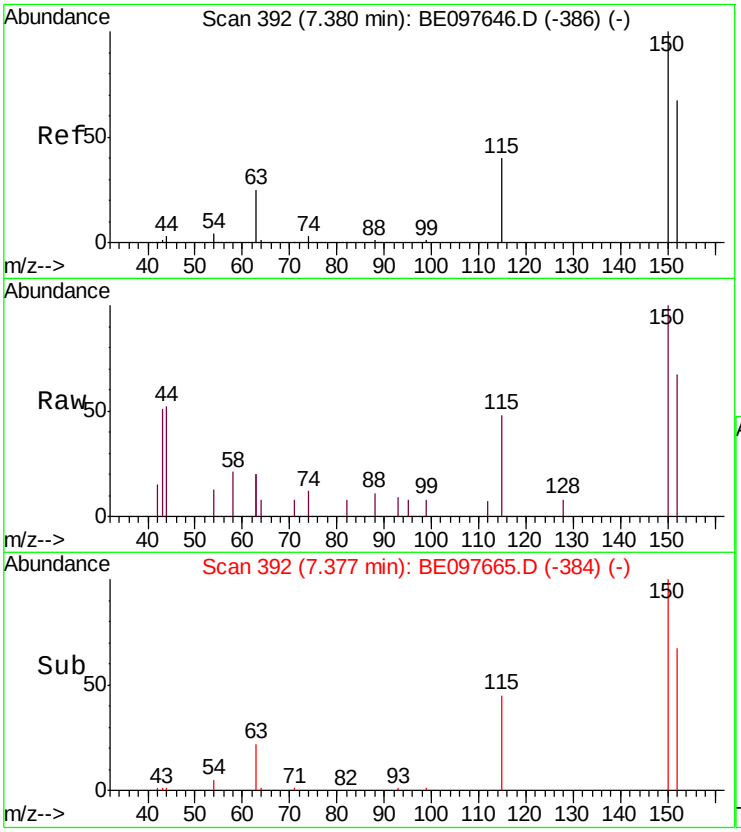
Quantitation Report (Not Reviewed)

Data File : BE097665.D
Acq On : 25 Sep 2018 19:43
Operator : SJ/JU
Sample : J5033-17MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Quant Time: Sep 26 07:36:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration



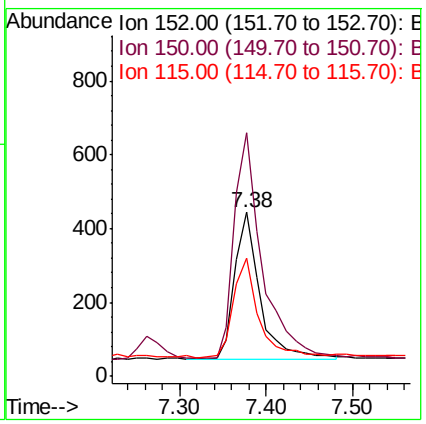


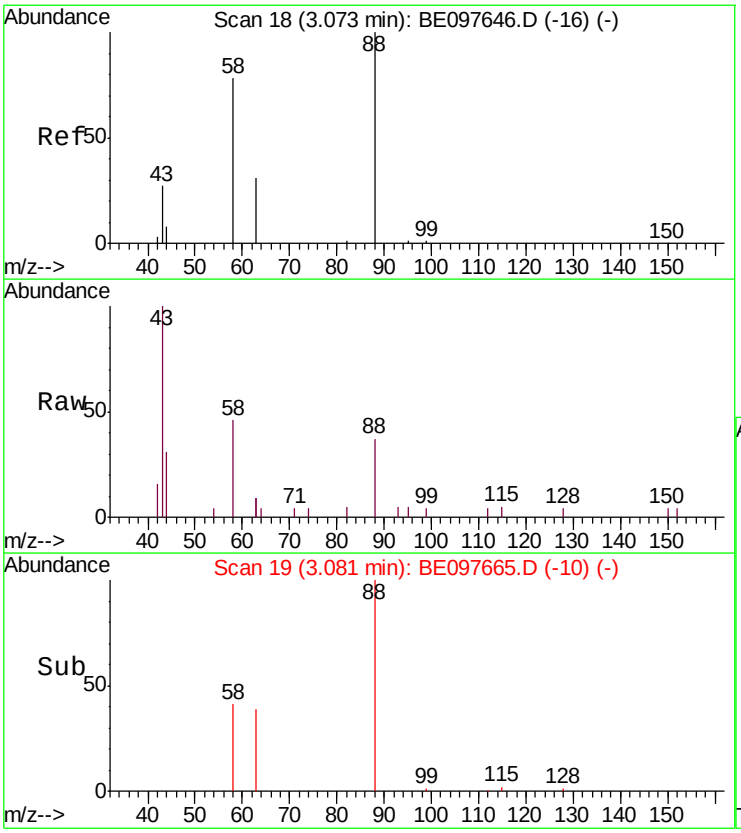
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:152 Resp: 811

Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.2	175.8
115	72.0	57.0	85.6

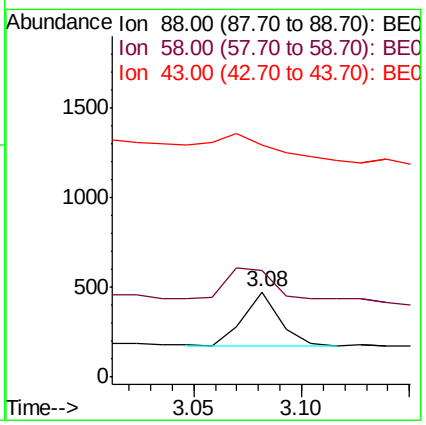


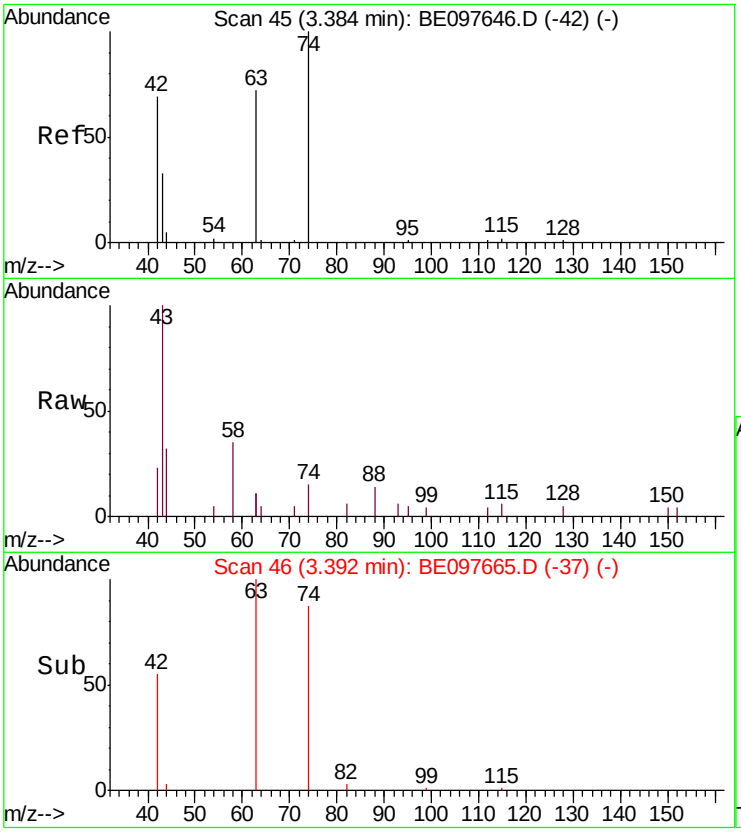


#2
1,4-Dioxane
Concen: 0.237 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion: 88 Resp: 351

Ion	Ratio	Lower	Upper
88	100		
58	67.8	63.2	94.8
43	96.6	41.2	61.8#



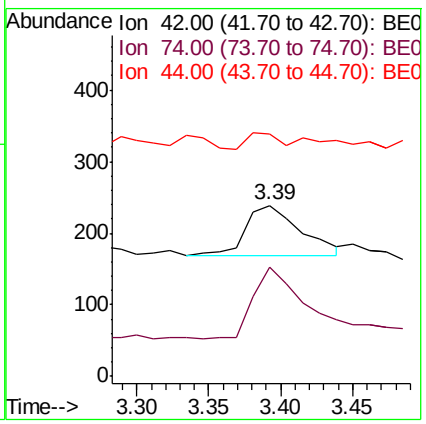


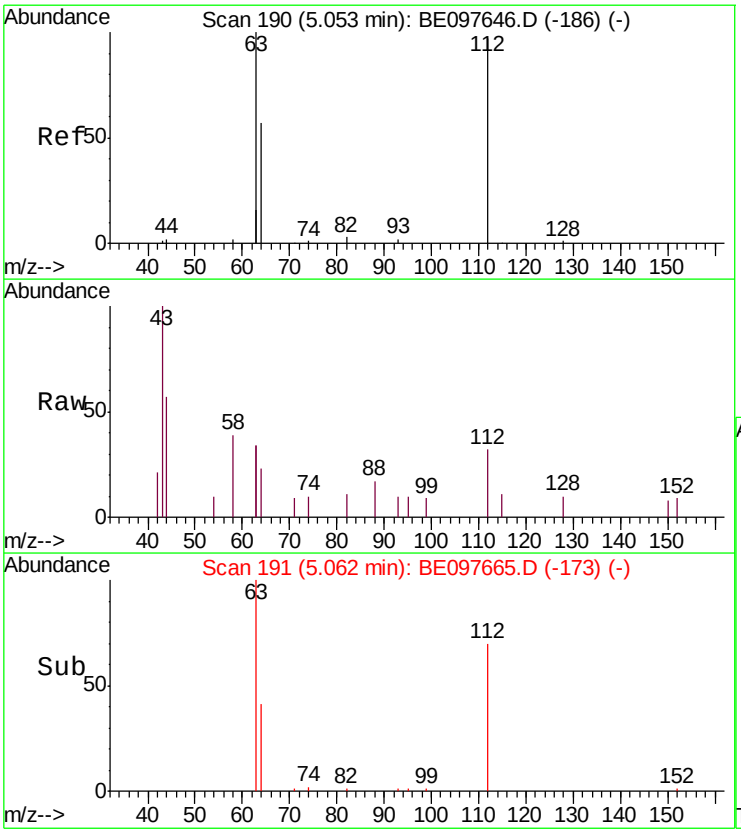
#3
n-Nitrosodimethylamine
Concen: 0.246 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion: 42 Resp: 191

Ion	Ratio	Lower	Upper
42	100		
74	129.3	96.0	144.0
44	18.3	12.0	18.0#

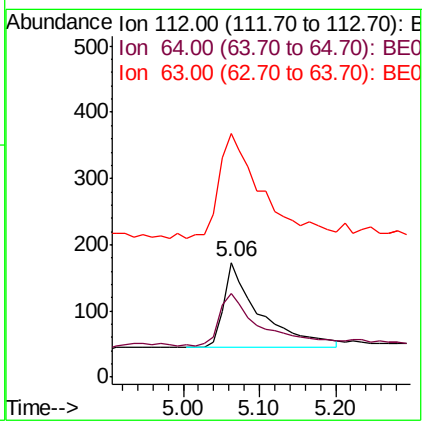


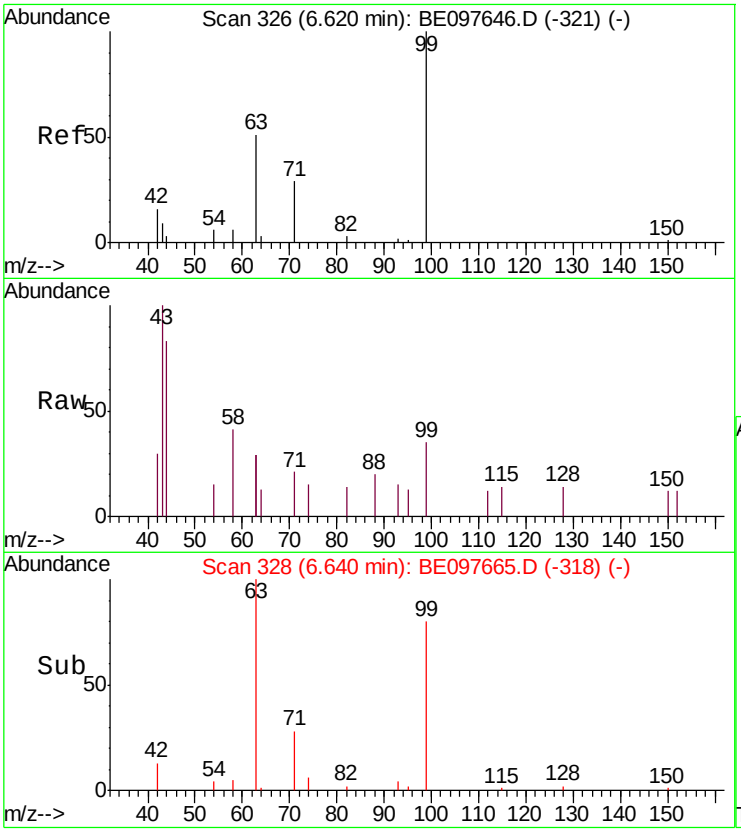


#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:112 Resp: 423

Ion	Ratio	Lower	Upper
112	100		
64	67.8	60.1	90.1
63	146.1	116.8	175.2



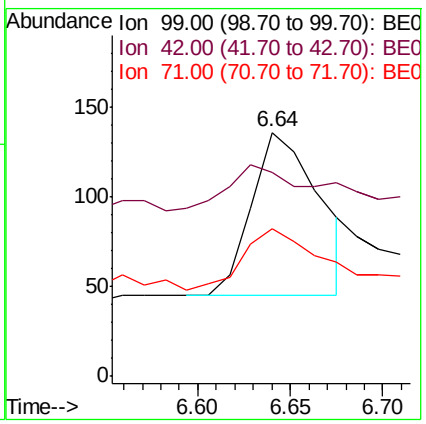


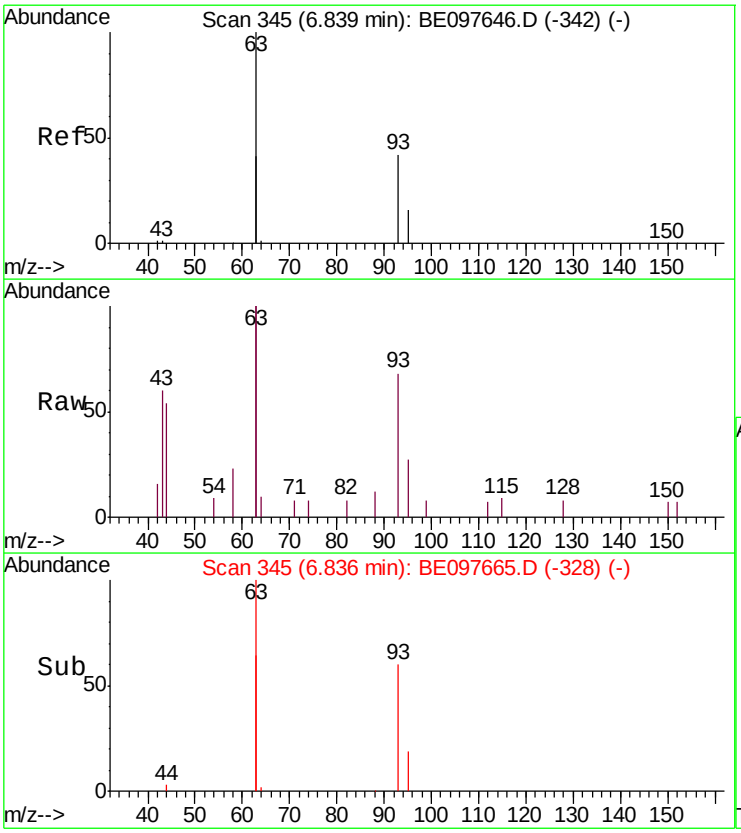
#5
Phenol-d6
Concen: 0.077 ng
RT: 6.64 min Scan# 328
Delta R.T. 0.02 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion: 99 Resp: 231

Ion	Ratio	Lower	Upper
99	100		
42	29.4	20.2	30.2
71	39.8	28.4	42.6

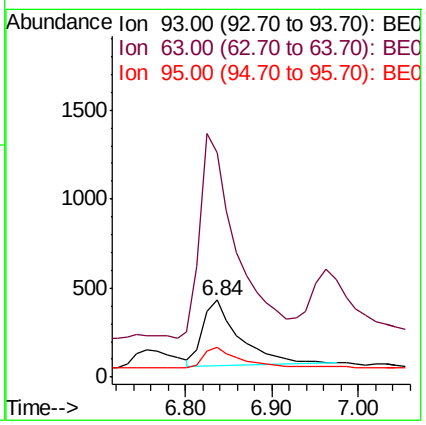


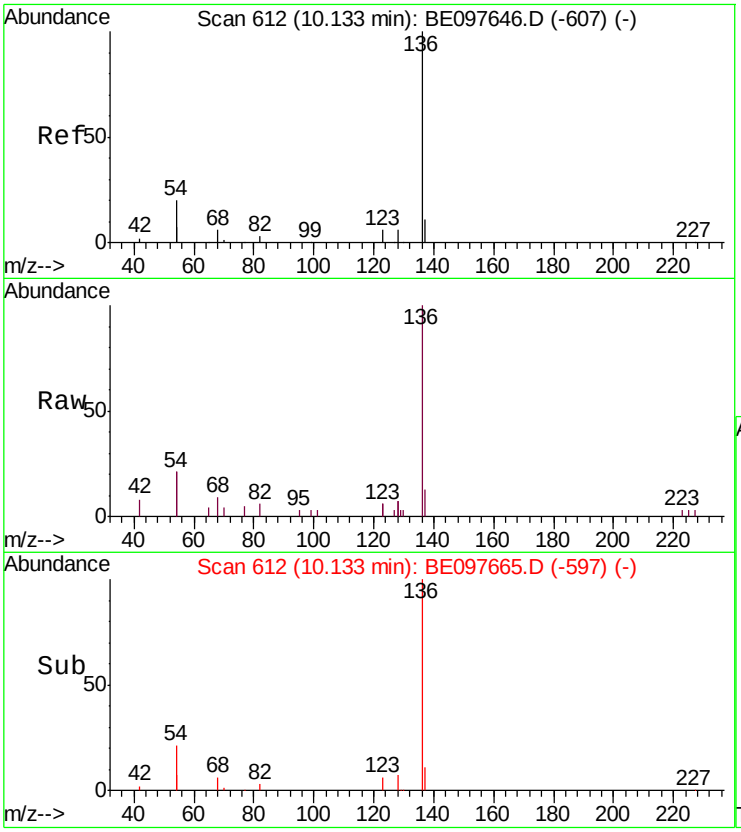


#6
bis(2-Chloroethyl)ether
Concen: 0.429 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion: 93 Resp: 1081

Ion	Ratio	Lower	Upper
93	100		
63	314.0	275.3	412.9
95	34.0	25.2	37.8



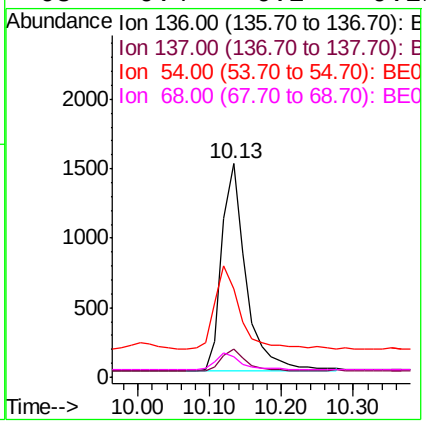


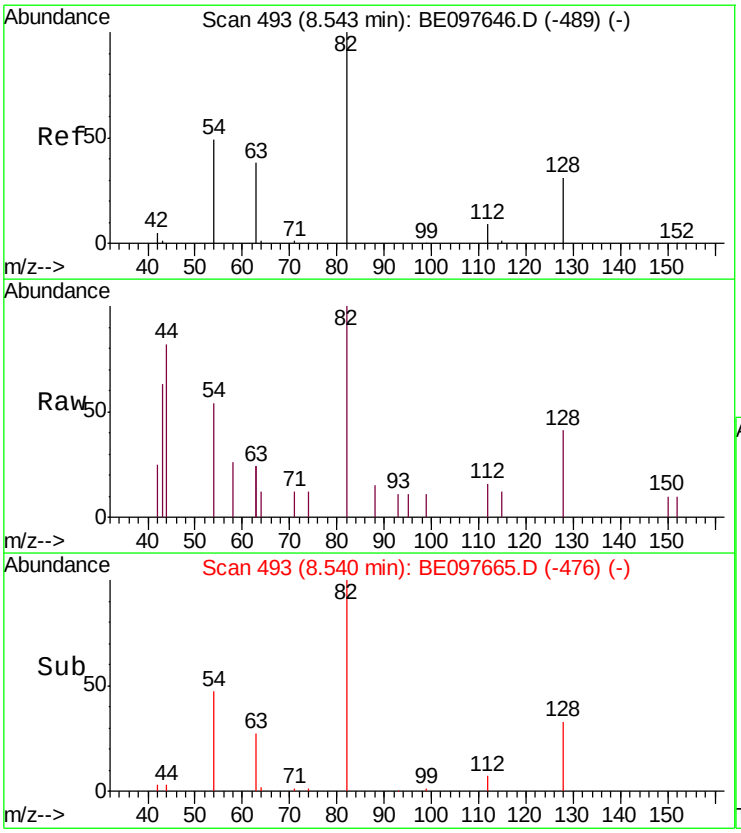
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:136 Resp: 3504

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	41.1	29.1	43.7
68	9.4	6.2	9.2#

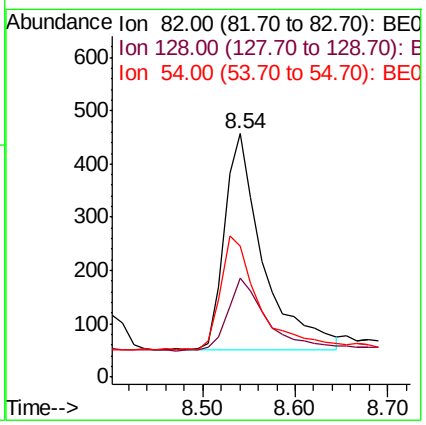


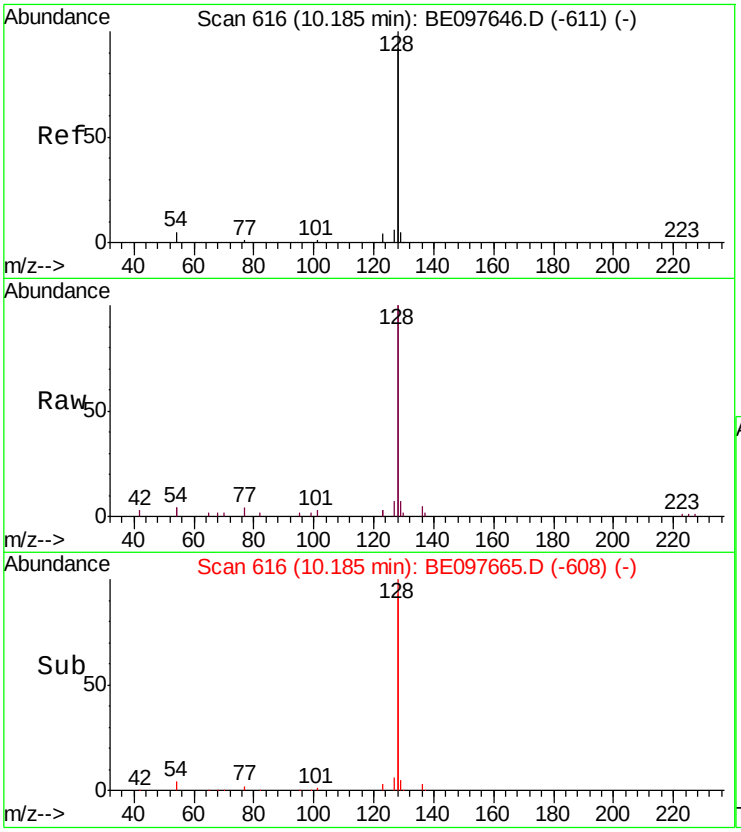


#8
Nitrobenzene-d5
Concen: 0.525 ng
RT: 8.54 min Scan# 493
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion: 82 Resp: 1175

Ion	Ratio	Lower	Upper
82	100		
128	40.7	24.0	36.0#
54	53.6	40.0	60.0



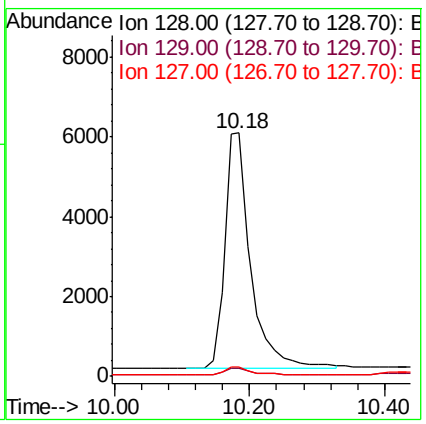


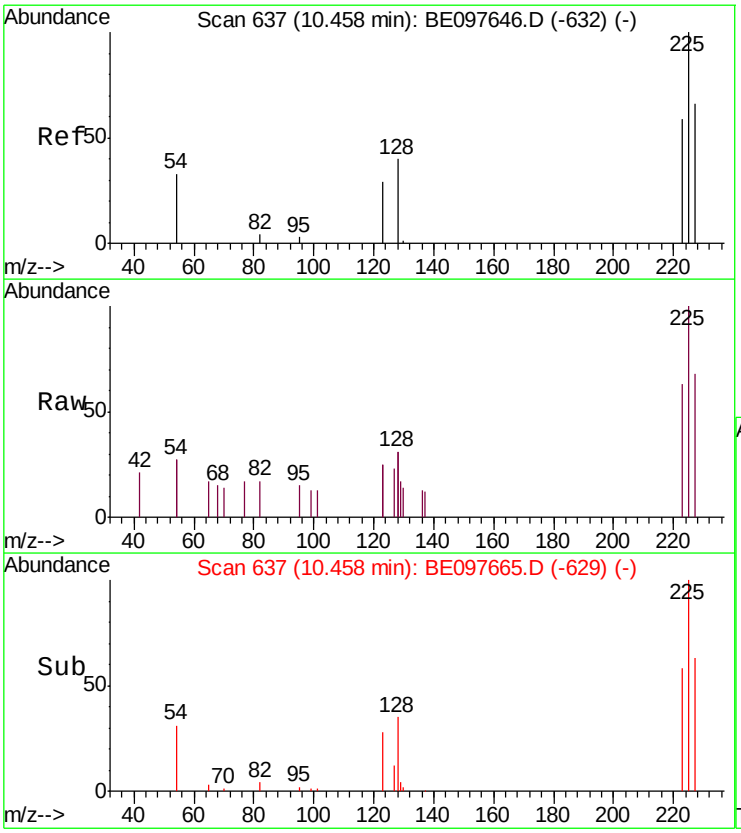
#9
Naphthalene
Concen: 0.498 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:128 Resp: 15859

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.7	2.8	4.2

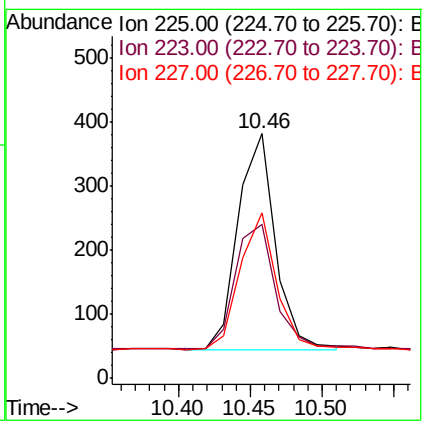


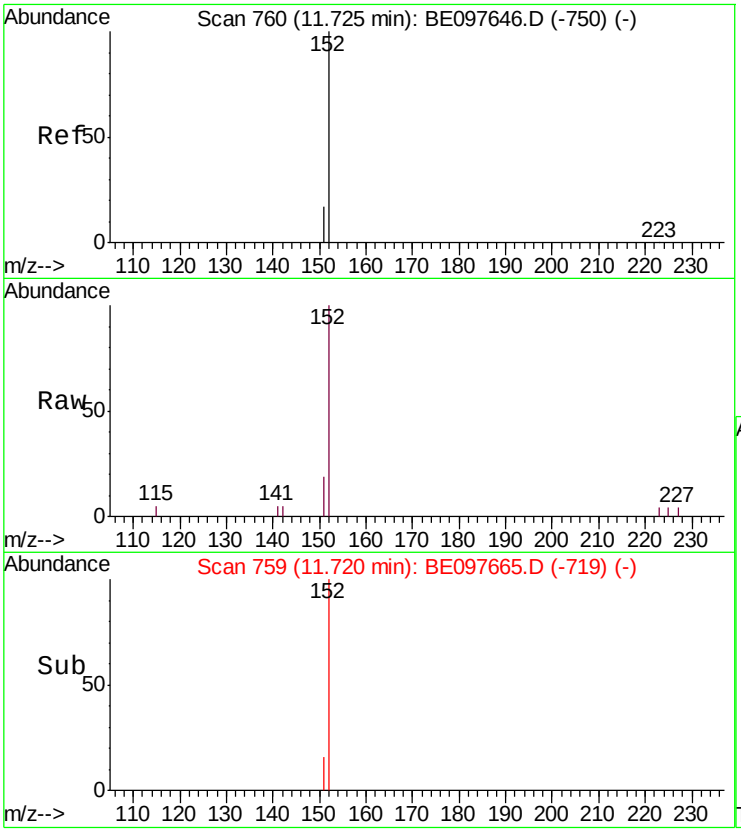


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:225 Resp: 606

Ion	Ratio	Lower	Upper
225	100		
223	62.0	53.0	79.6
227	62.2	51.4	77.2



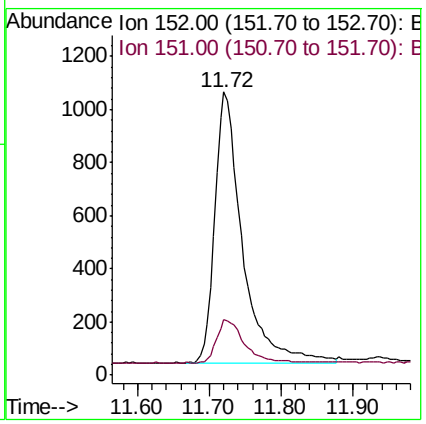


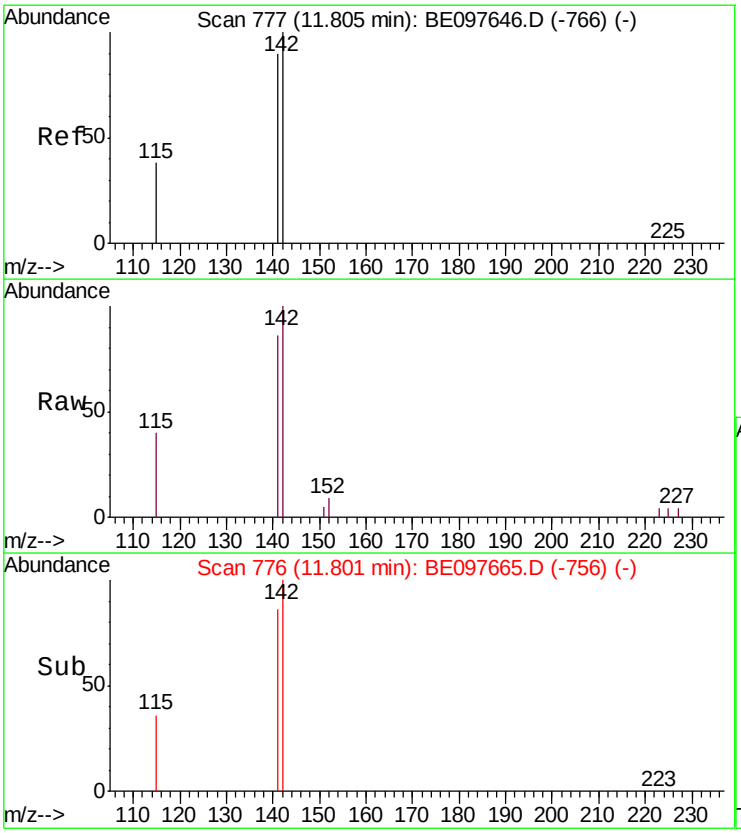
#11
2-Methylnaphthalene-d10
Concen: 0.523 ng
RT: 11.72 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:152 Resp: 2715

Ion	Ratio	Lower	Upper
152	100		
151	16.0	15.4	23.0

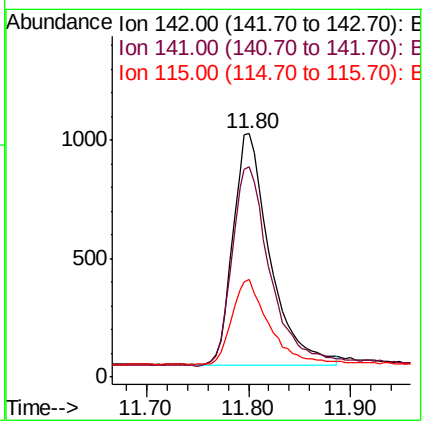


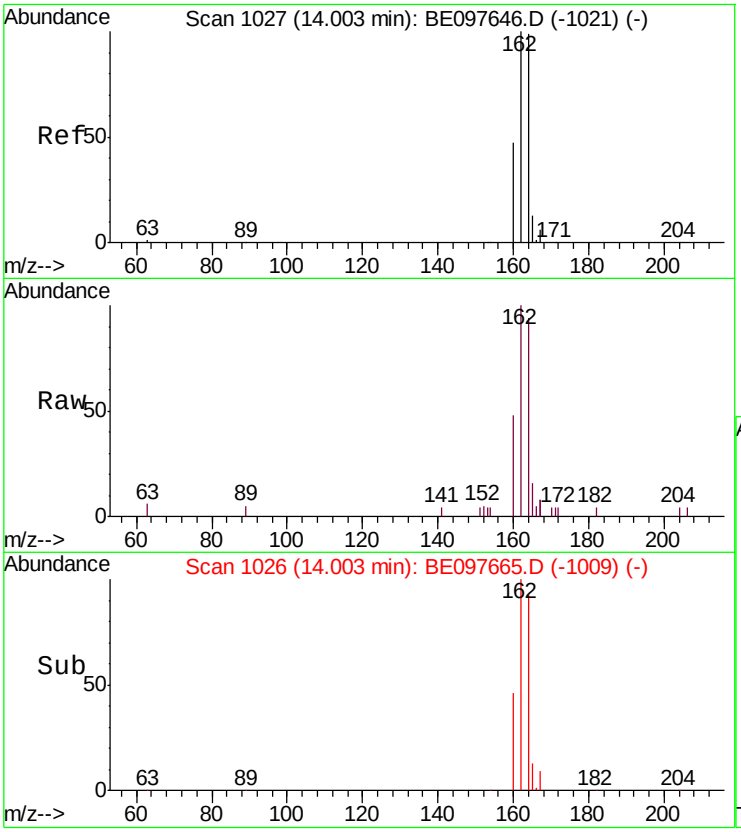


#12
2-Methylnaphthalene
Concen: 0.489 ng
RT: 11.80 min Scan# 776
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:142 Resp: 2465

Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.4	105.6
115	40.0	31.7	47.5



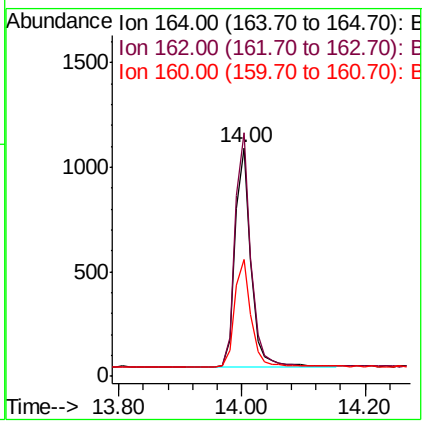


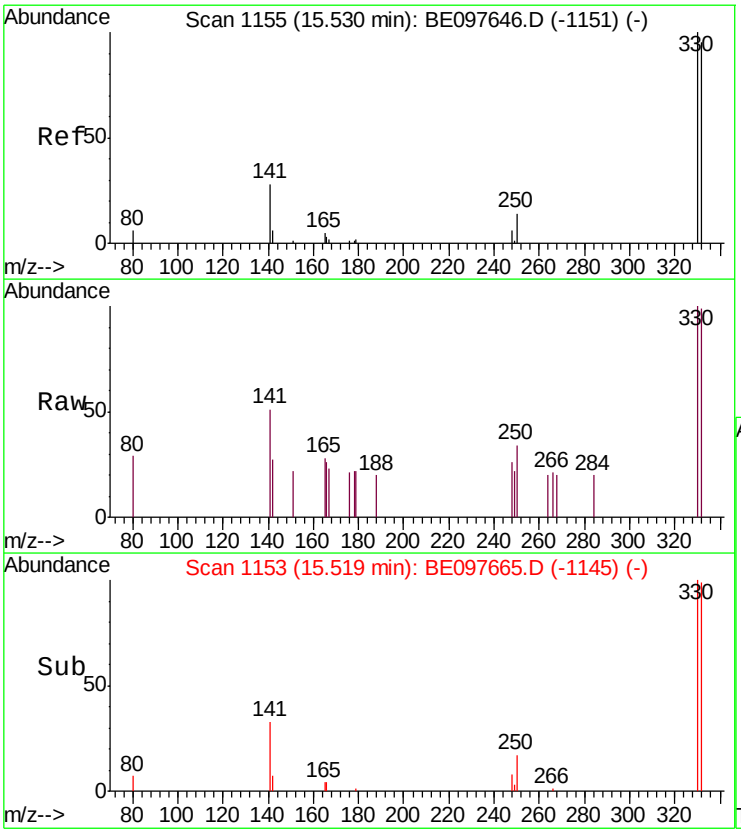
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:164 Resp: 1895

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.1	124.7
160	51.0	37.1	55.7

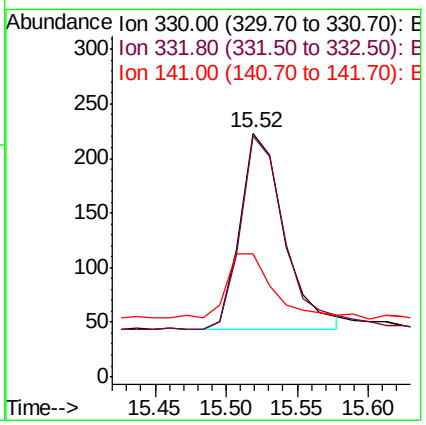


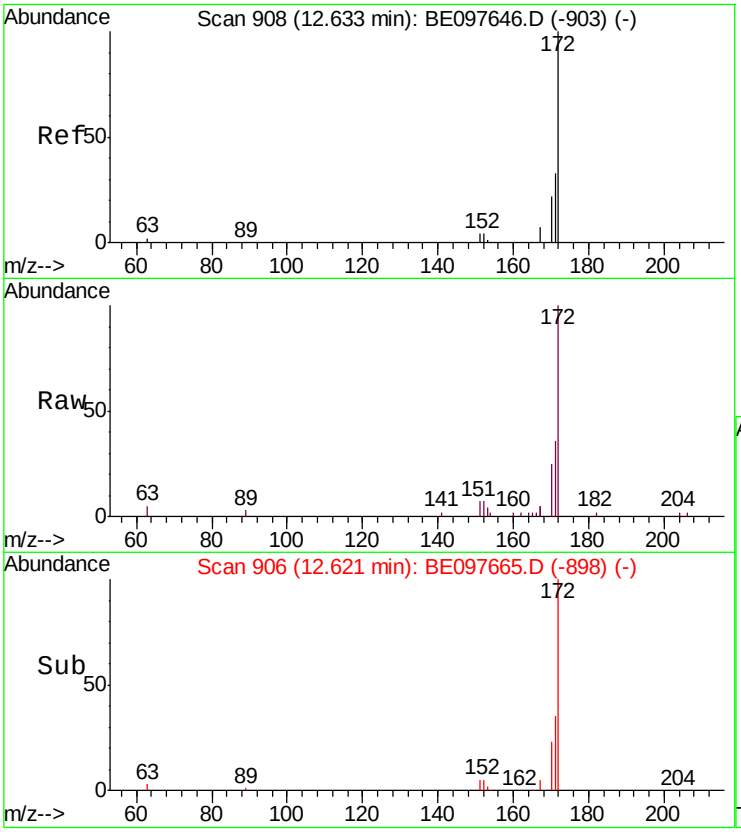


#14
2,4,6-Tribromophenol
Concen: 0.485 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:330 Resp: 383

Ion	Ratio	Lower	Upper
330	100		
332	99.0	152.7	229.1#
141	34.2	33.7	50.5



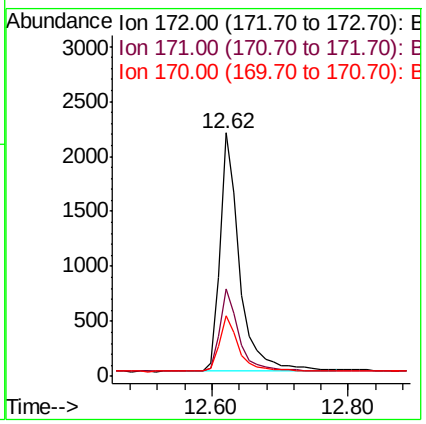


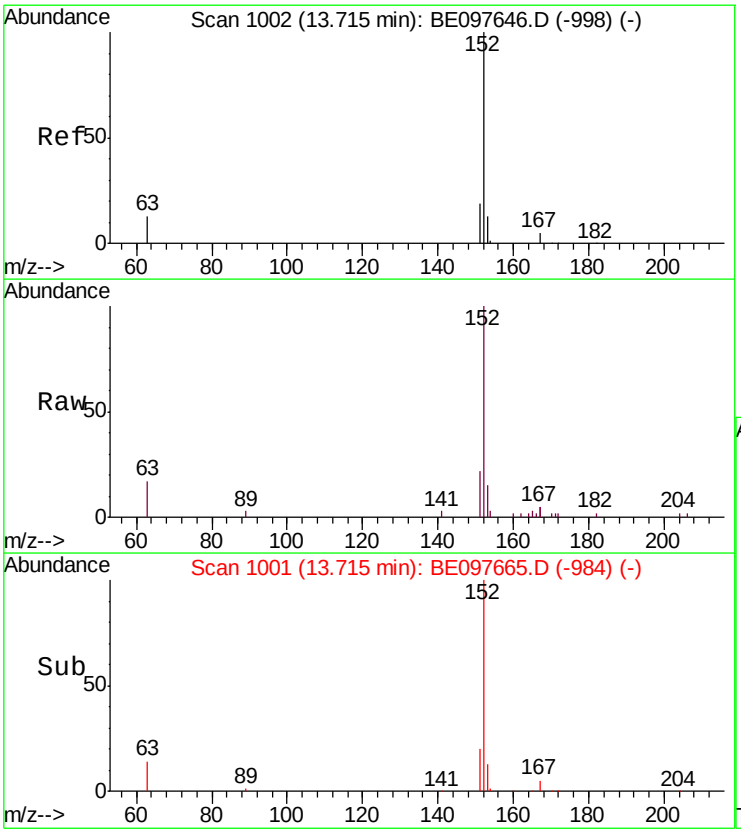
#15
2-Fluorobiphenyl
Concen: 0.714 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:172 Resp: 4415

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	24.9	21.8	32.8

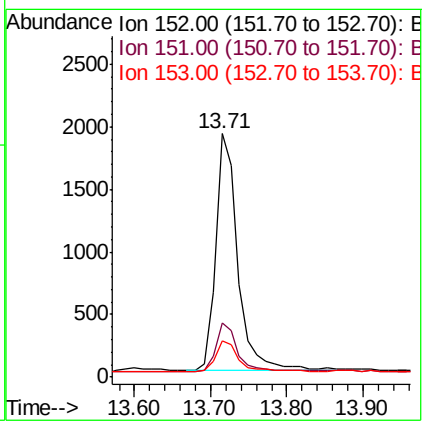


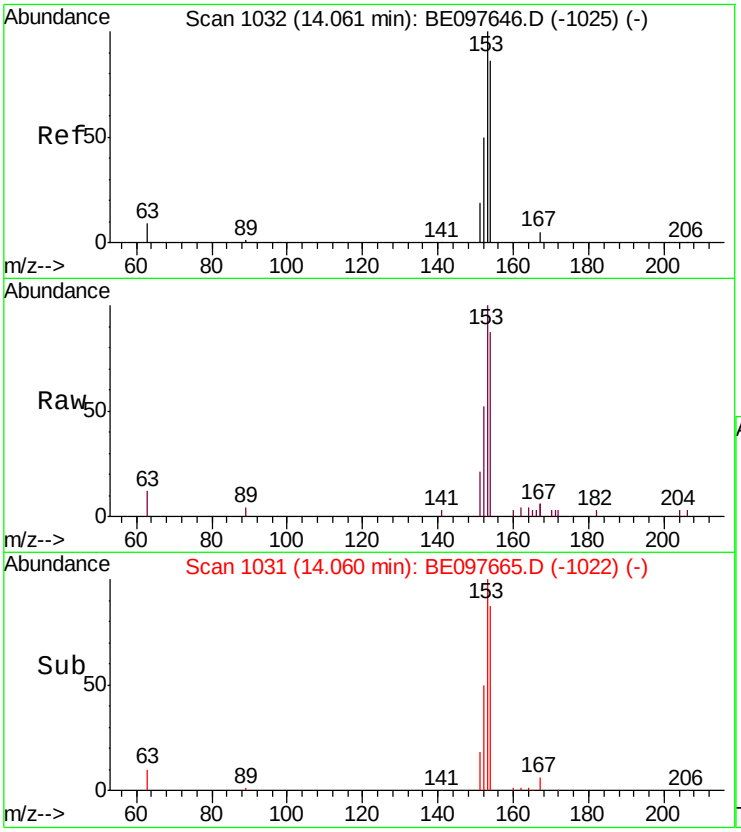


#16
Acenaphthylene
Concen: 0.503 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:152 Resp: 3832

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.8	10.5	15.7



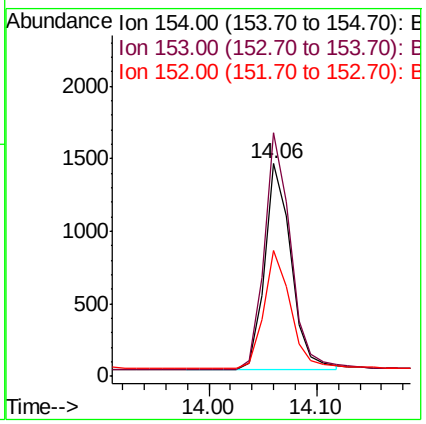


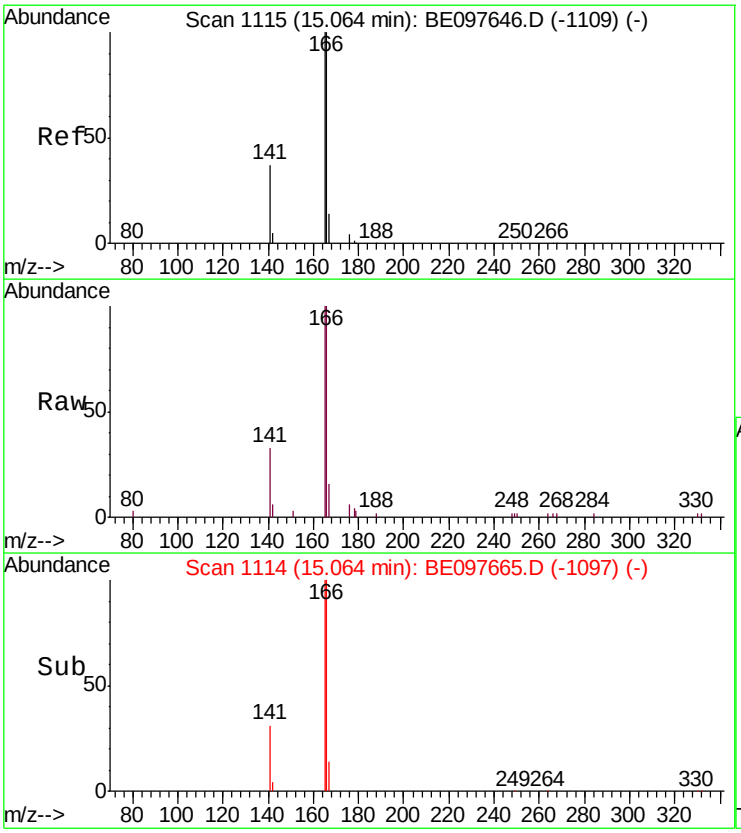
#17
Acenaphthene
Concen: 0.489 ng
RT: 14.06 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:154 Resp: 2435

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.2	133.8
152	57.4	42.0	63.0

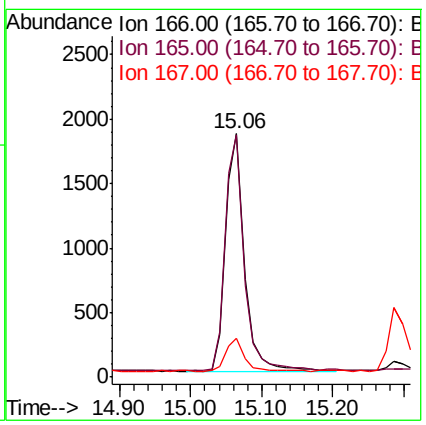


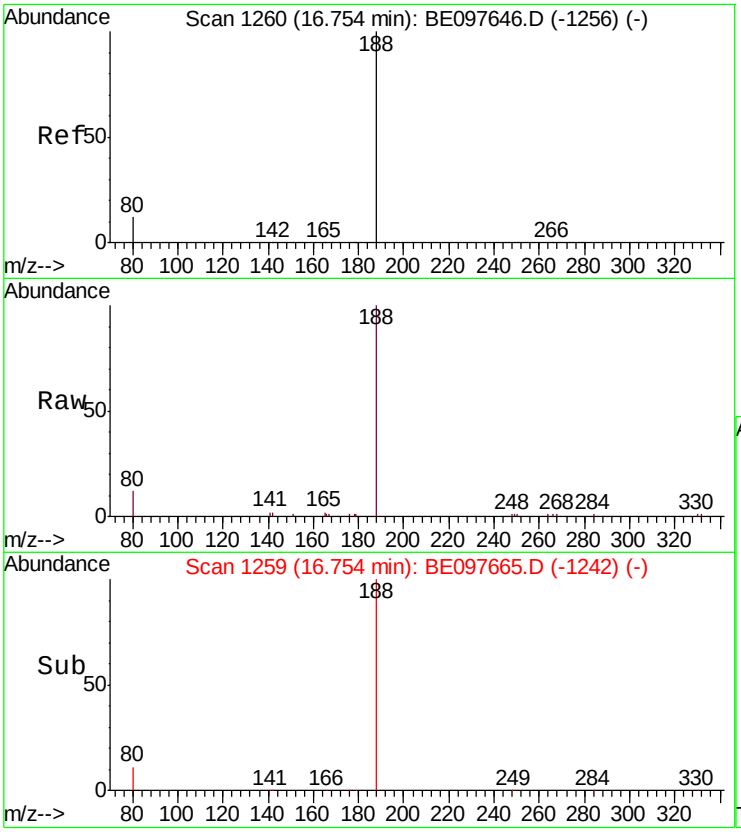


#18
Fluorene
Concen: 0.484 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:166 Resp: 3385

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.6	42.4	63.6#



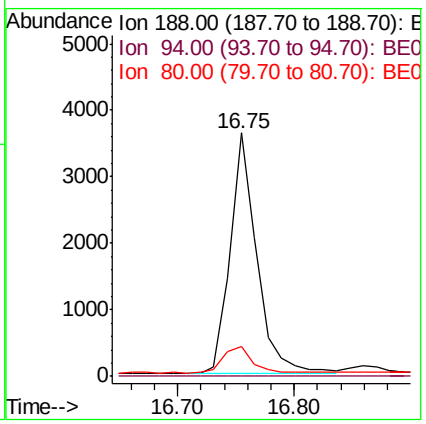


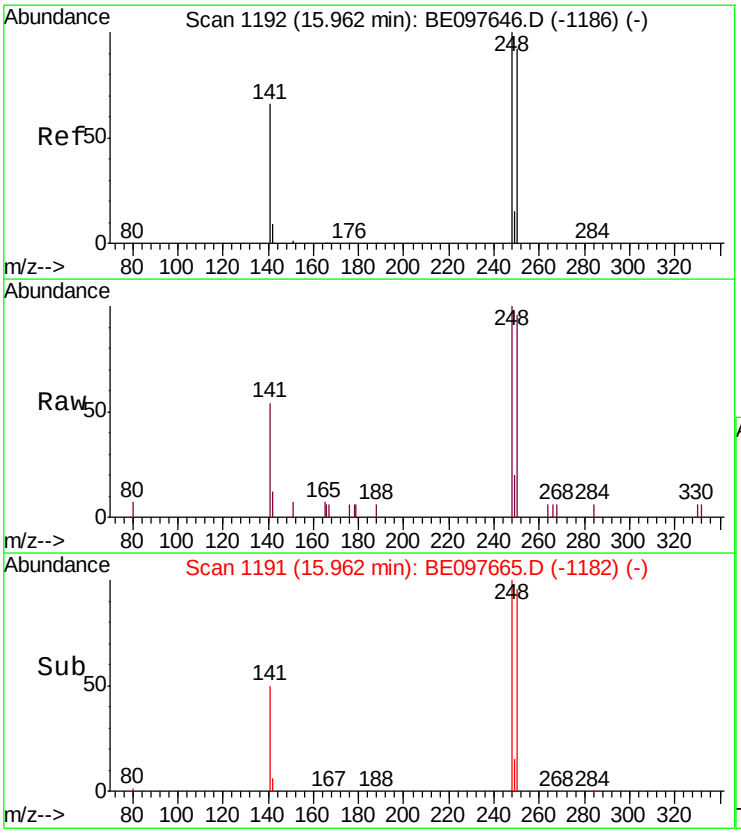
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:188 Resp: 5724

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.0	3.6	5.4#

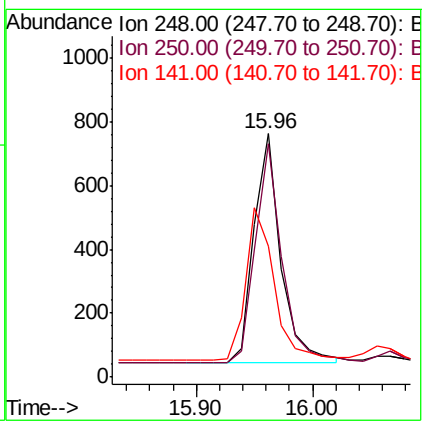


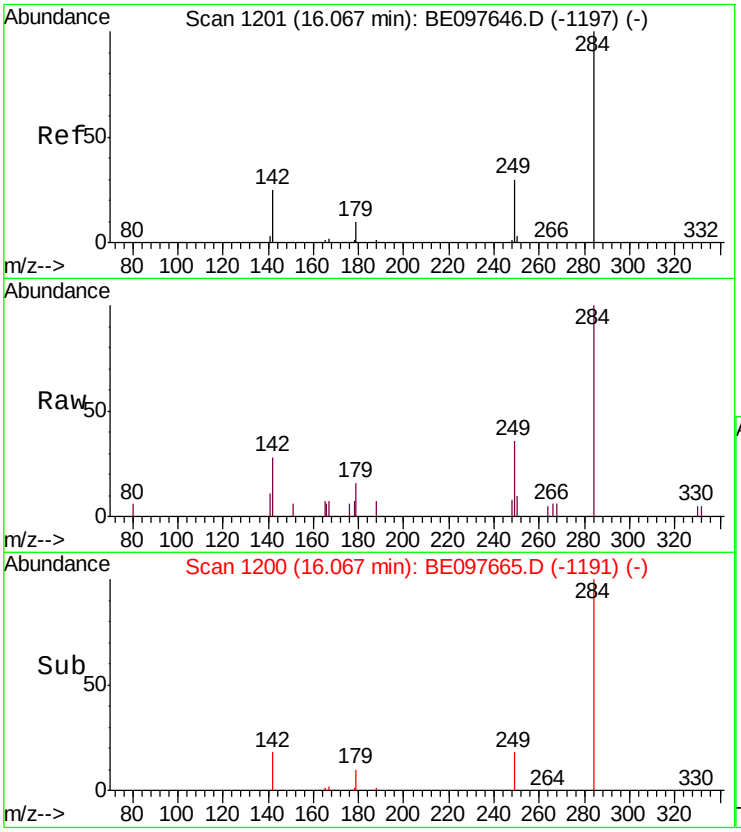


#20
4-Bromophenyl-phenylether
Concen: 0.460 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:248 Resp: 1167

Ion	Ratio	Lower	Upper
248	100		
250	96.1	62.7	94.1#
141	54.0	48.2	72.2



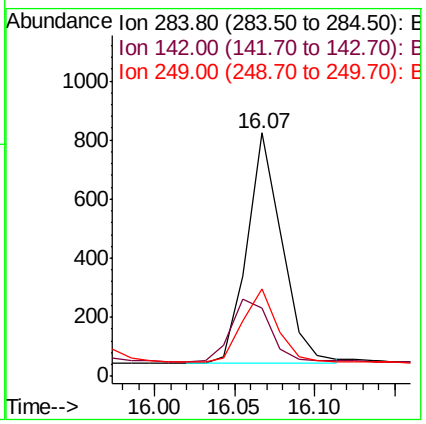


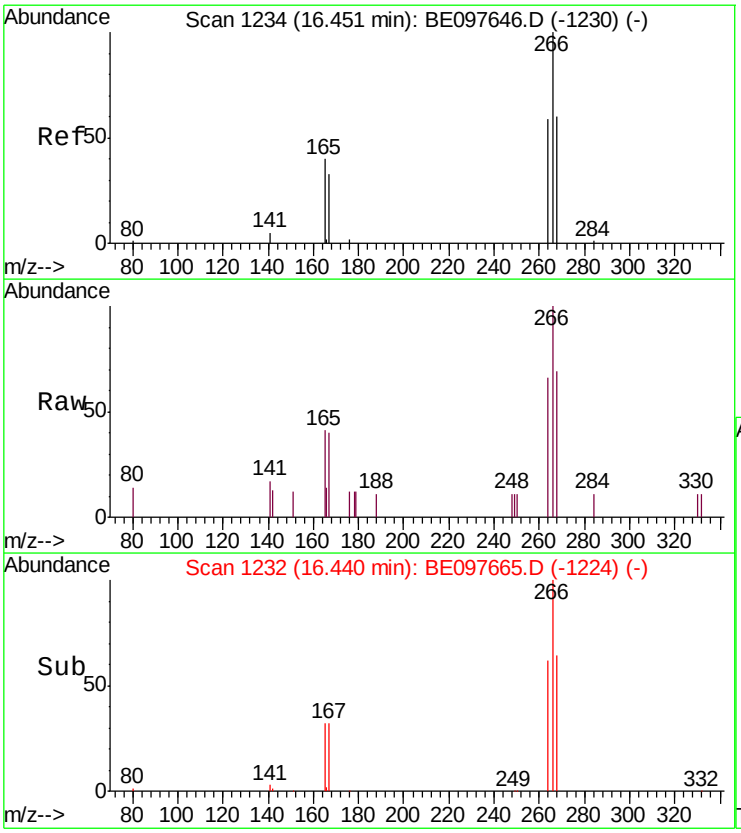
#21
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:284 Resp: 1178

Ion	Ratio	Lower	Upper
284	100		
142	31.5	22.1	33.1
249	31.8	34.8	52.2#

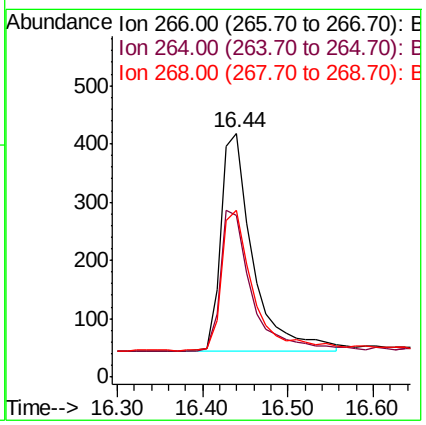


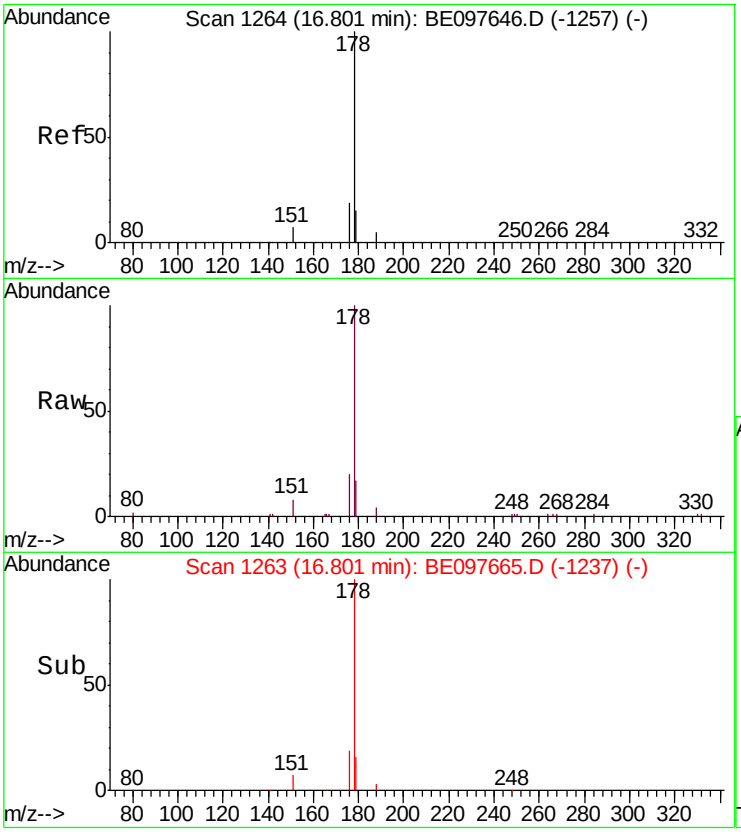


#22
Pentachlorophenol
Concen: 1.326 ng
RT: 16.44 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:266 Resp: 971

Ion	Ratio	Lower	Upper
266	100		
264	66.3	72.5	108.7#
268	68.7	73.8	110.6#



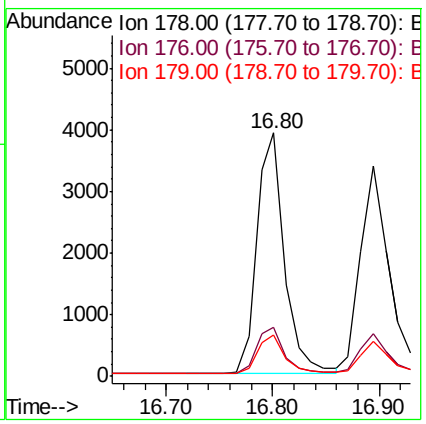


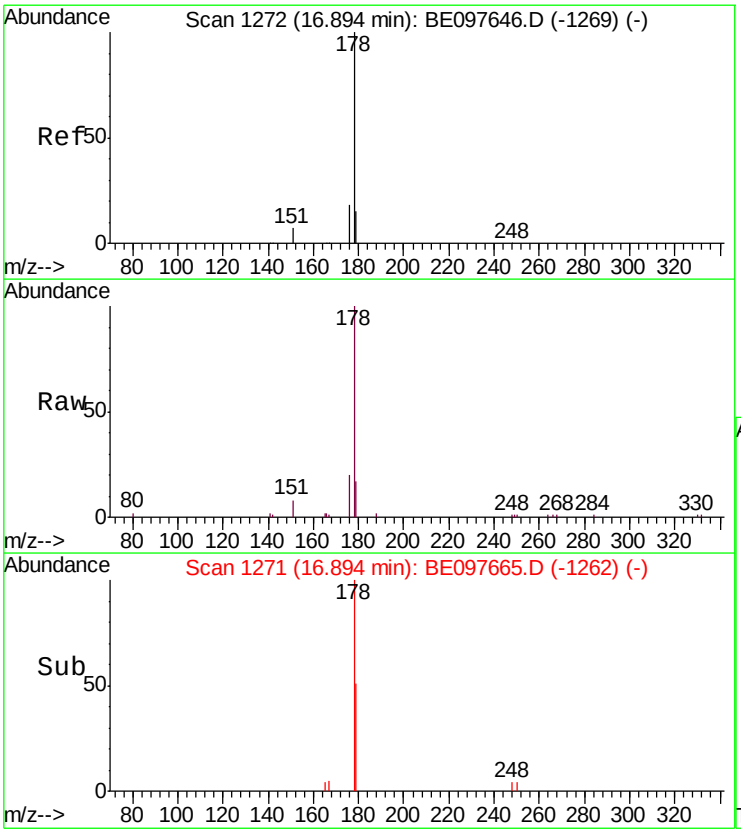
#23
Phenanthrene
Concen: 0.519 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:178 Resp: 7023

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.6	11.8	17.6

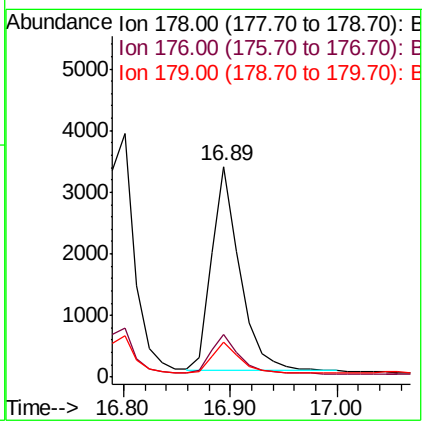


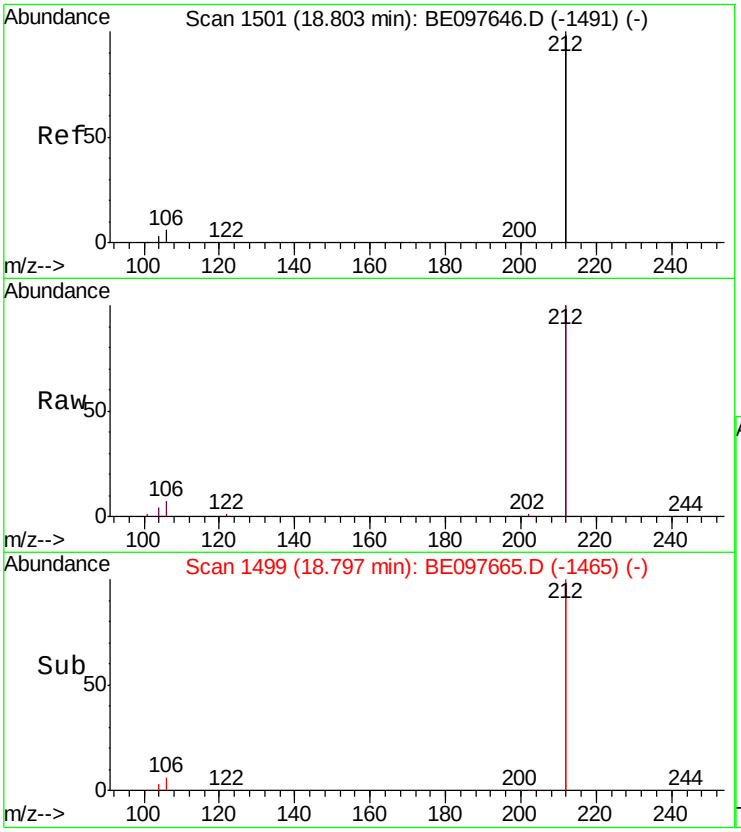


#24
Anthracene
Concen: 0.542 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:178 Resp: 6099

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.5	13.0	19.6



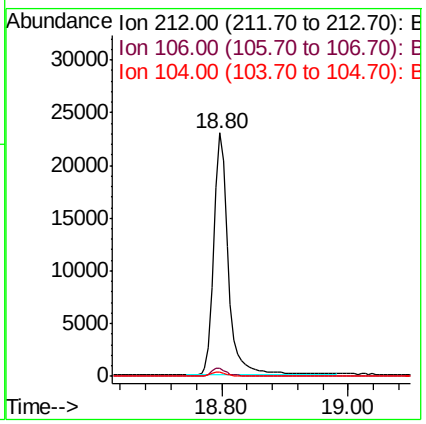


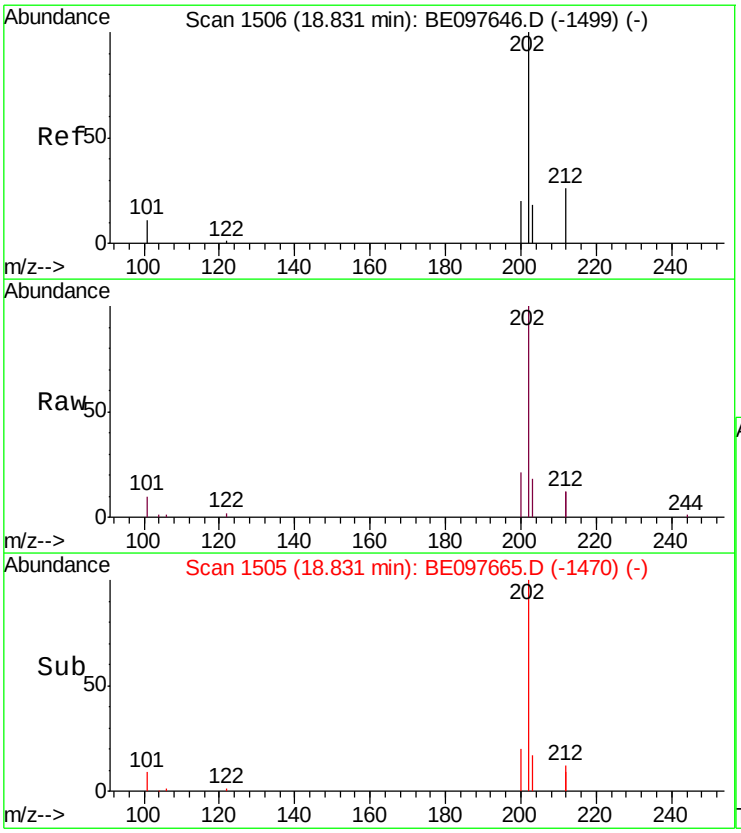
#25
Fluoranthene-d10
Concen: 0.571 ng
RT: 18.80 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:212 Resp: 35614

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4

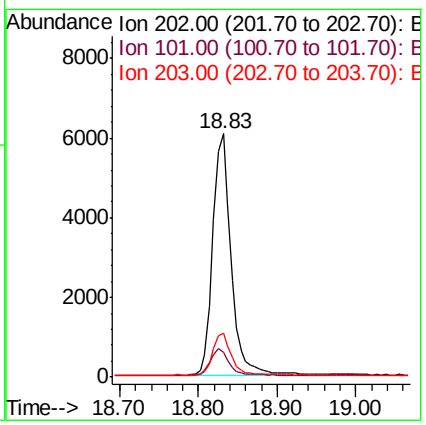


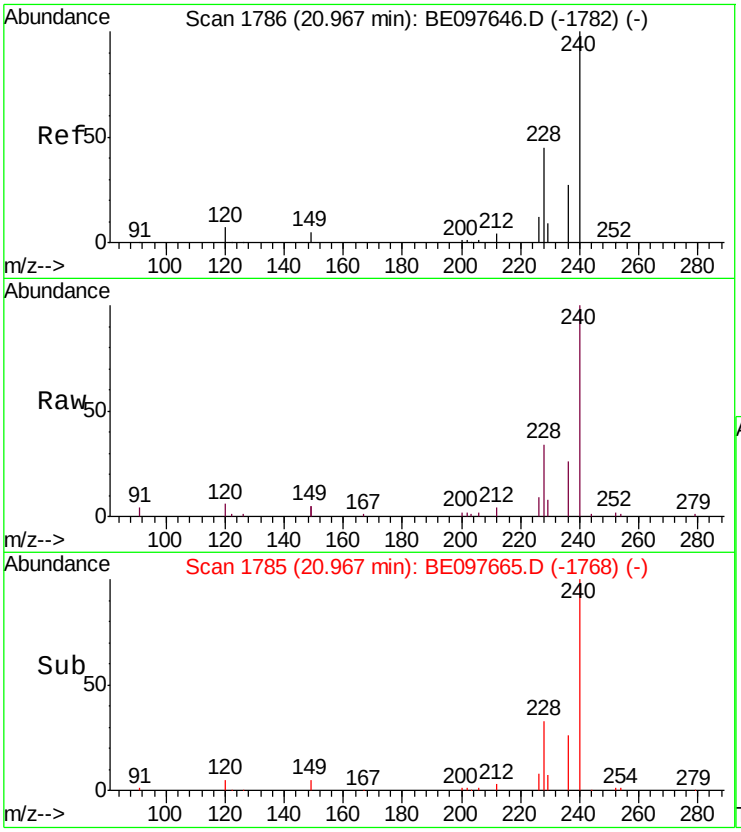


#26
Fluoranthene
Concen: 0.596 ng
RT: 18.83 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:202 Resp: 9688

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.8
203	17.0	13.7	20.5



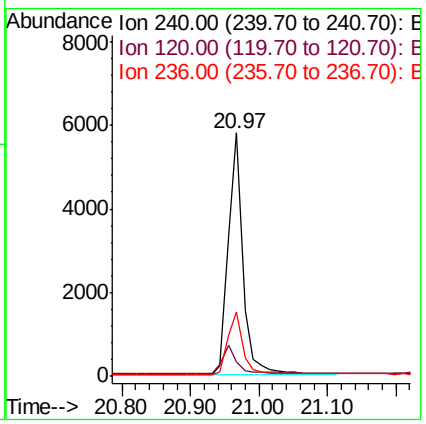


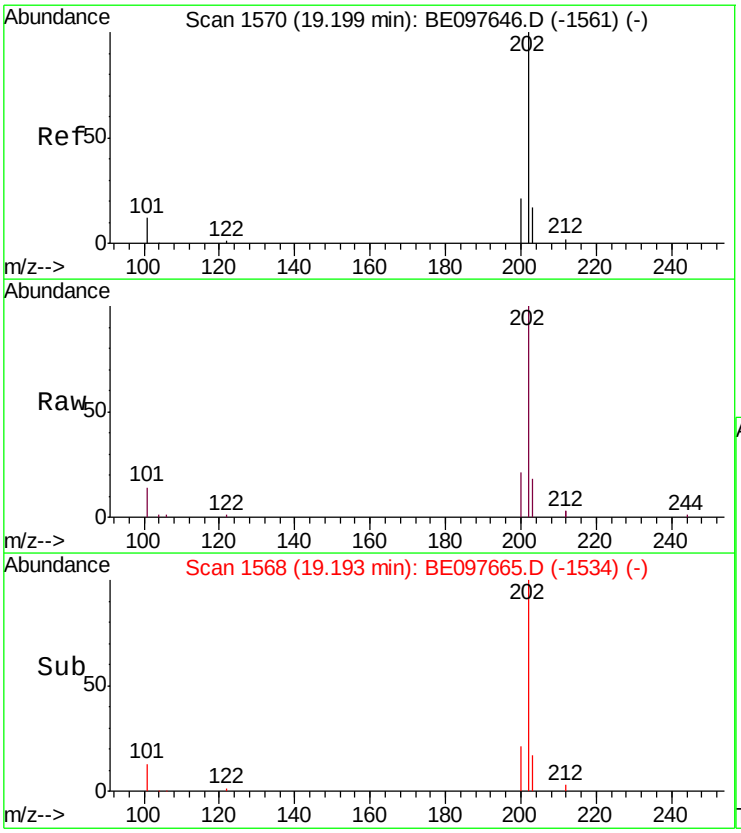
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:240 Resp: 8567

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.5	8.3
236	26.3	20.7	31.1

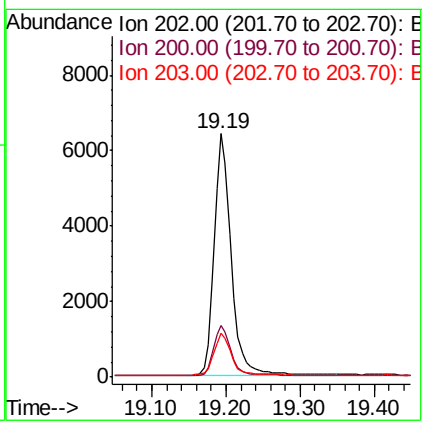


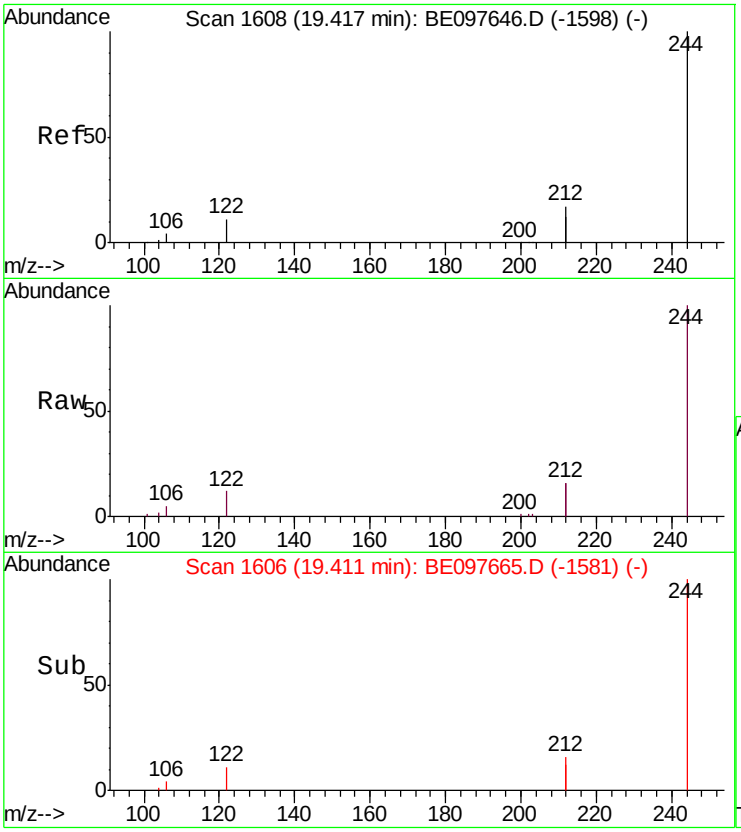


#28
Pyrene
Concen: 0.452 ng
RT: 19.19 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:202 Resp: 10104

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	18.1	13.8	20.8



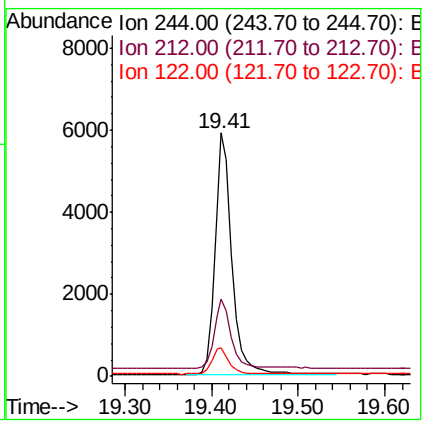


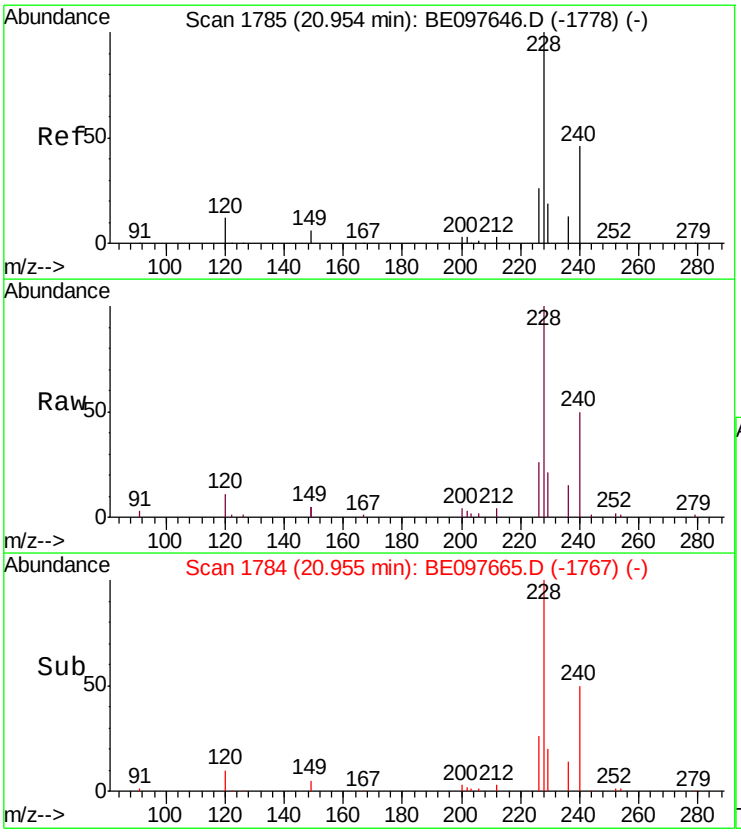
#29
Terphenyl-d14
Concen: 0.480 ng
RT: 19.41 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:244 Resp: 8089

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.4	38.0
122	11.6	8.1	12.1

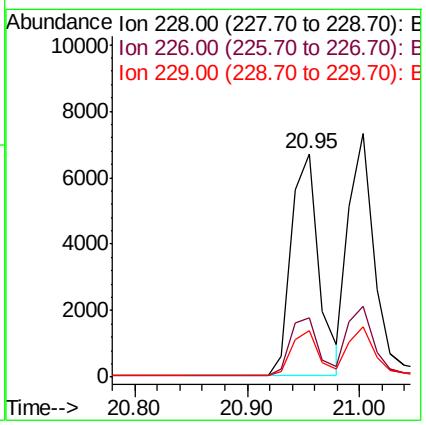


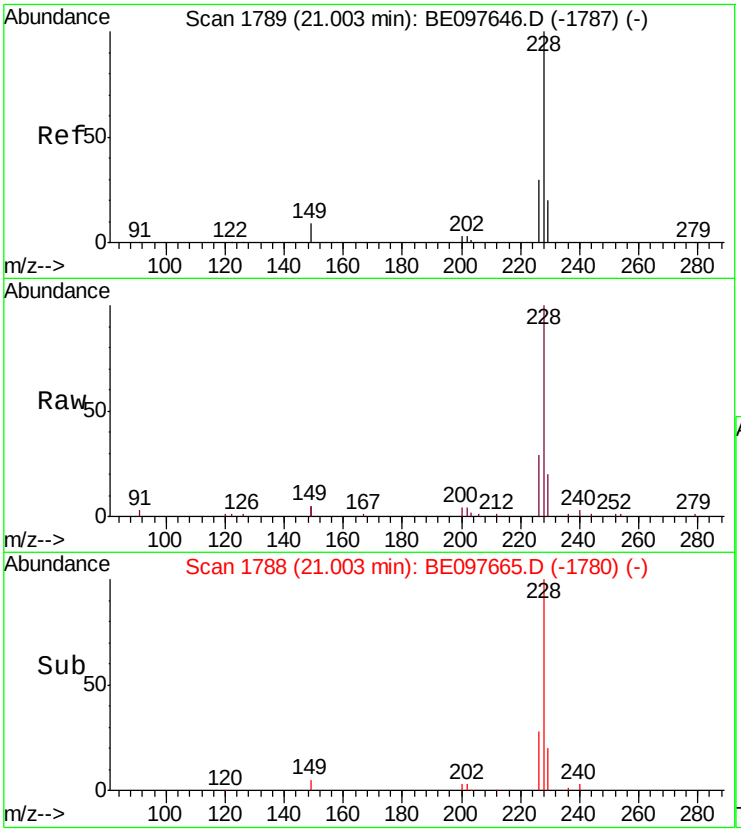


#30
Benzo(a)anthracene
Concen: 0.563 ng
RT: 20.95 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:228 Resp: 11400

Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.0	36.0
229	20.8	16.0	24.0



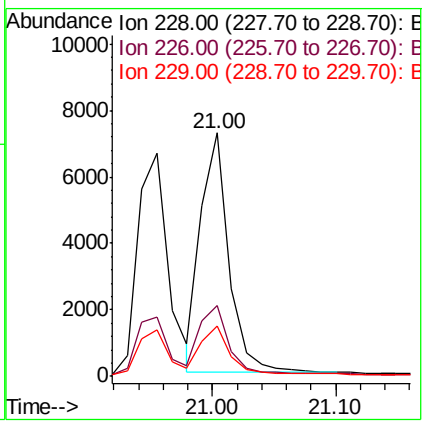


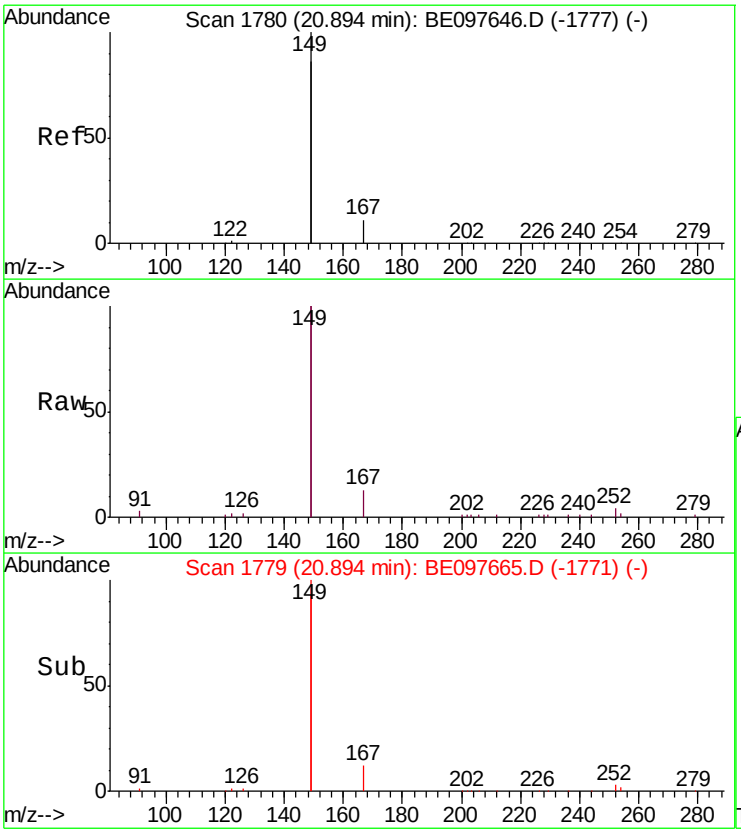
#31
Chrysene
Concen: 0.484 ng
RT: 21.00 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:228 Resp: 11465

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	20.4	16.0	24.0

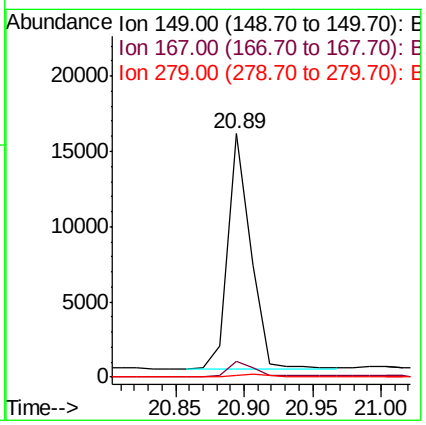


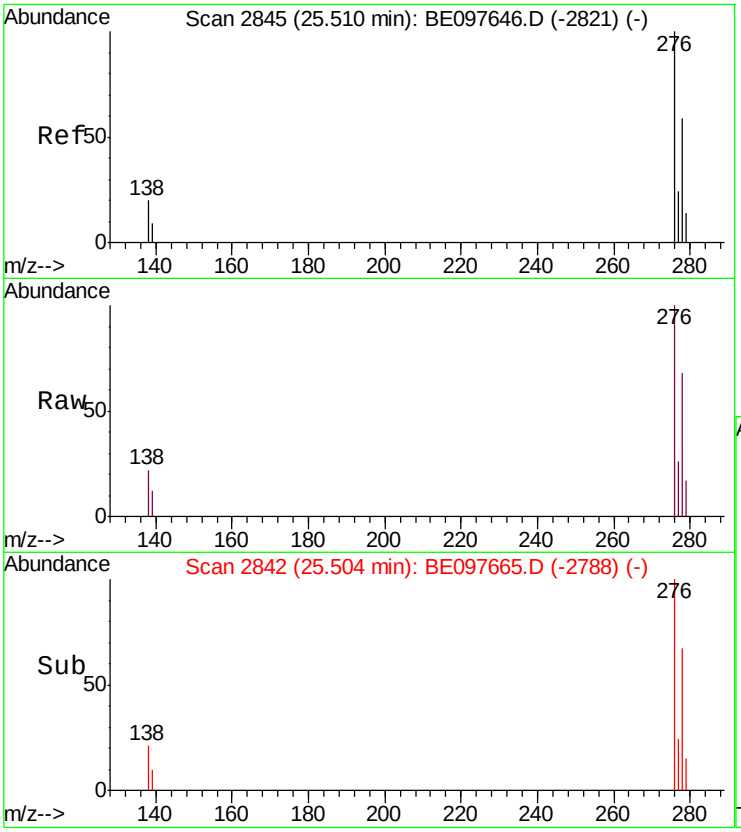


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.778 ng
RT: 20.89 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:149 Resp: 18001

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.0	0.7	1.1



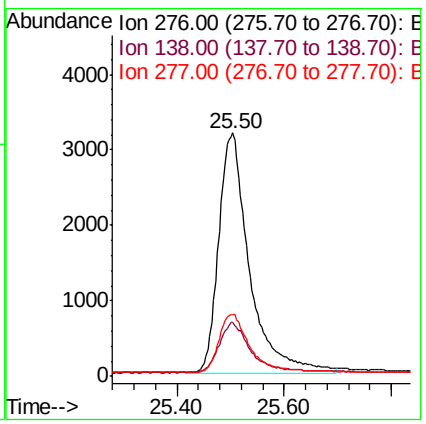


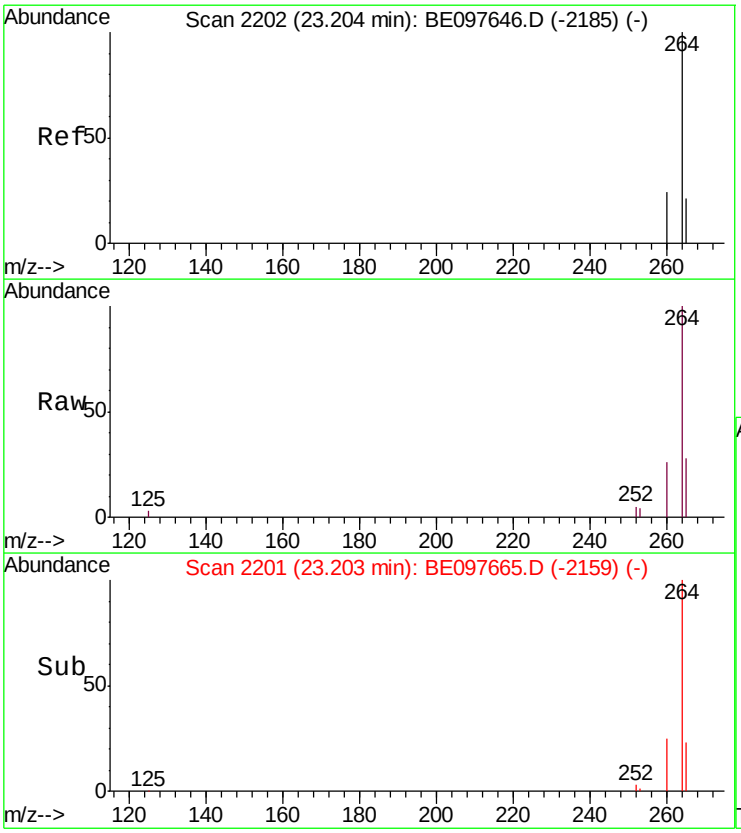
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.506 ng
RT: 25.50 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:276 Resp: 12632

Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.5	33.7#
277	24.8	19.9	29.9

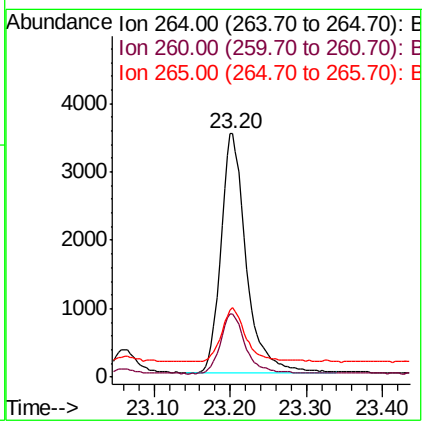


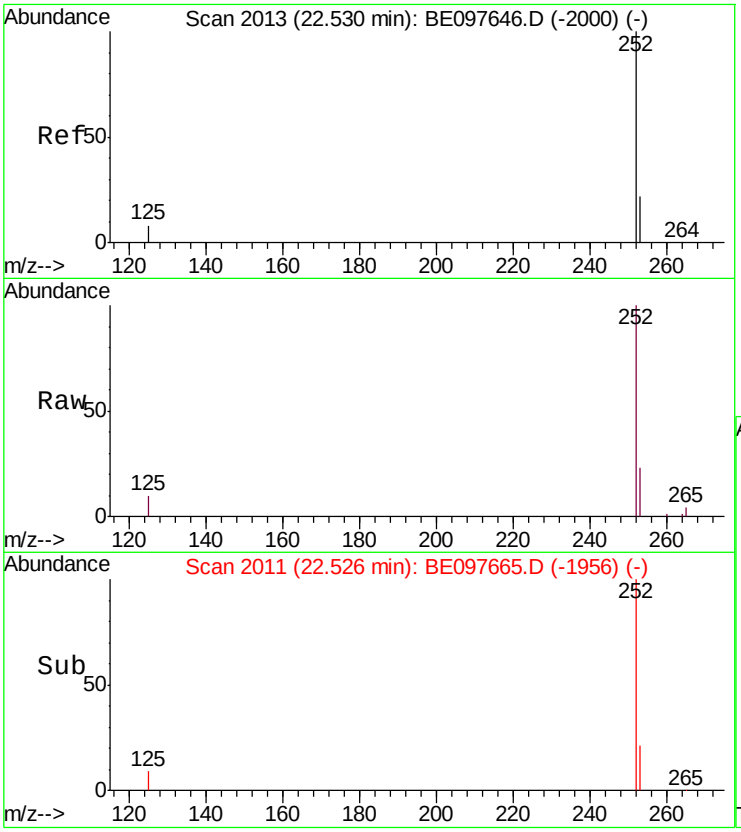


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:264 Resp: 8078

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.5	30.7
265	28.4	22.8	34.2



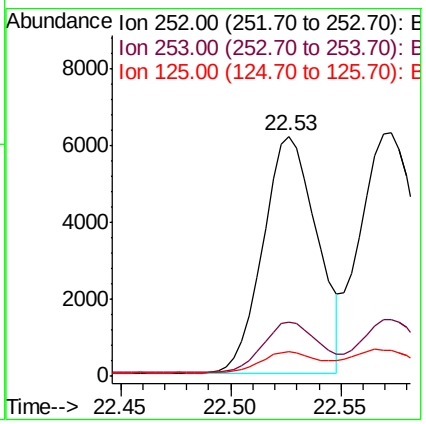


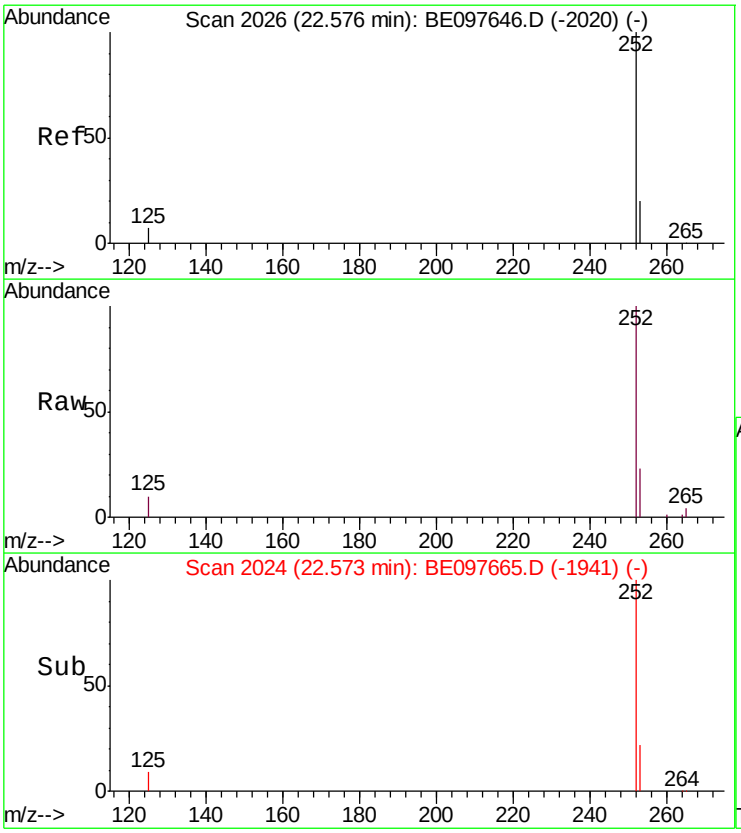
#35
Benzo(b)fluoranthene
Concen: 0.510 ng
RT: 22.53 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:252 Resp: 10531

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.0	30.0
125	10.4	16.0	24.0#

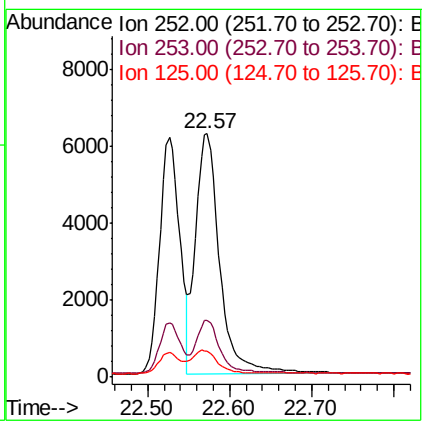


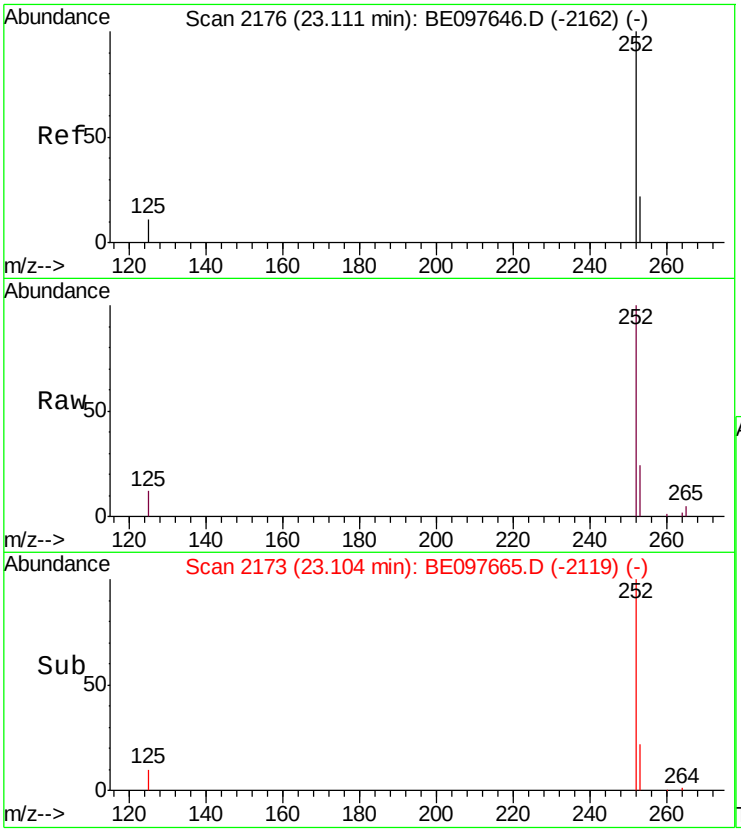


#36
Benzo(k)fluoranthene
Concen: 0.519 ng
RT: 22.57 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:252 Resp: 12679

Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.0	24.0
125	10.5	8.0	12.0



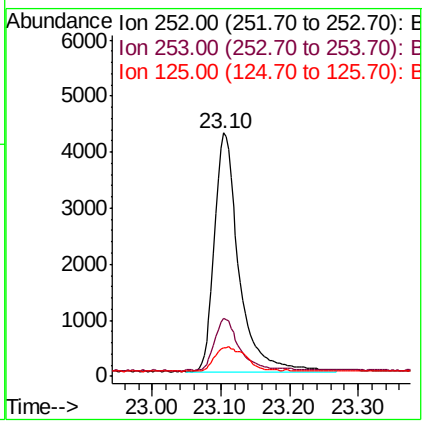


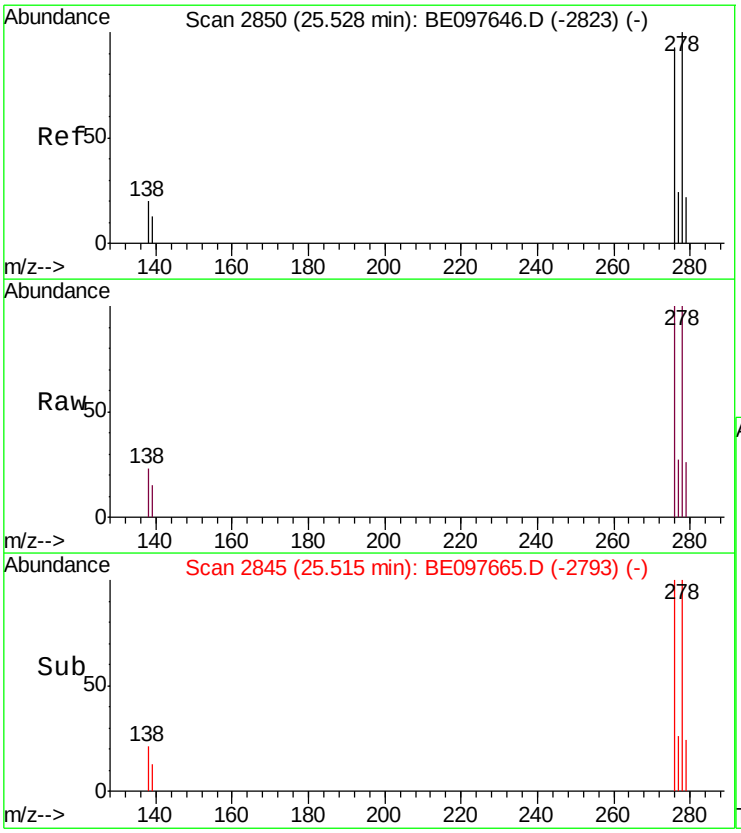
#37
Benzo(a)pyrene
Concen: 0.517 ng
RT: 23.10 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:252 Resp: 10541

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	11.9	12.0	18.0#

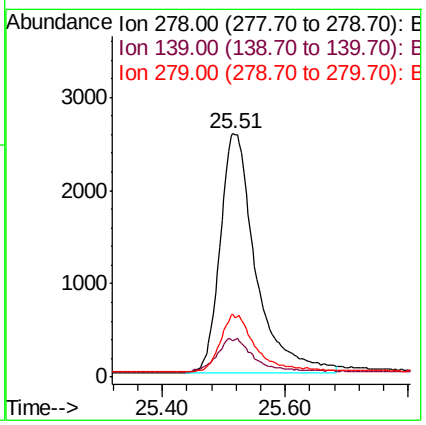


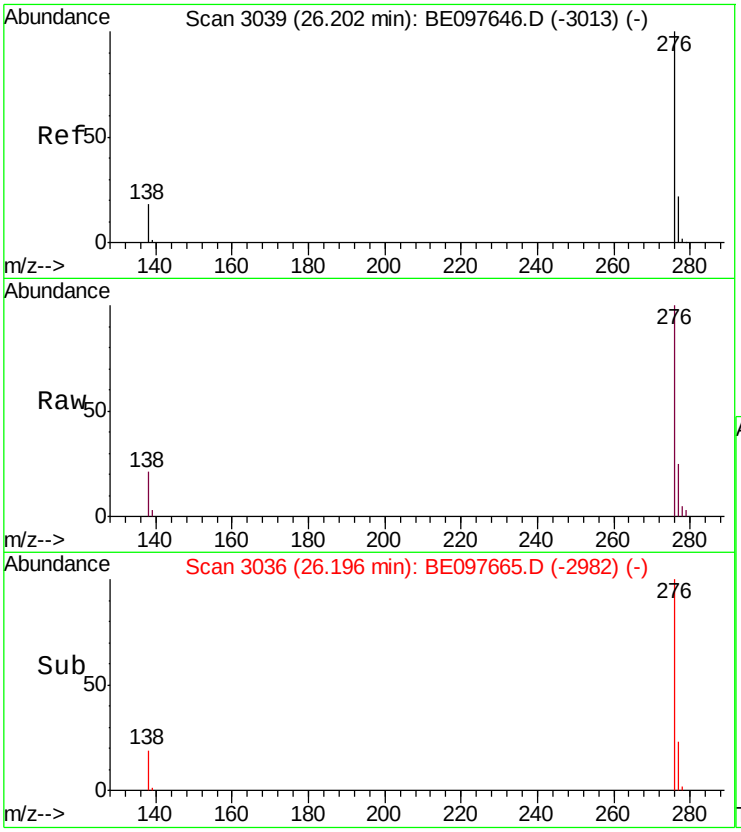


#38
Dibenzo(a,h)anthracene
Concen: 0.480 ng
RT: 25.51 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Tgt Ion:278 Resp: 10286

Ion	Ratio	Lower	Upper
278	100		
139	15.1	16.0	24.0#
279	25.9	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.483 ng
RT: 26.20 min Scan# 3036
Delta R.T. -0.01 min
Lab File: BE097665.D
Acq: 25 Sep 2018 19:43

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MSD

Tgt Ion:276 Resp: 10305

Ion	Ratio	Lower	Upper
276	100		
277	24.6	16.0	24.0#
138	20.5	20.0	30.0