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

Quantitation Report (Not Reviewed)

Data File : BE097671.D
Acq On : 25 Sep 2018 23:24
Operator : SJ/JU
Sample : J5033-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BP-TT-SW4004-20180918

Quant Time: Sep 26 07:37:39 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	7.37	152	849	0.40	ng		-0.01
7) Naphthalene-d8	10.12	136	4570	0.40	ng		-0.01
13) Acenaphthene-d10	13.99	164	3375	0.40	ng		-0.01
19) Phenanthrene-d10	16.74	188	9639	0.40	ng		-0.01
27) Chrysene-d12	20.96	240	11059	0.40	ng		-0.01
34) Perylene-d12	23.19	264	9998	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	517	0.23	ng		0.00
5) Phenol-d6	6.58	99	496	0.16	ng		-0.04
8) Nitrobenzene-d5	8.51	82	1614	0.55	ng		-0.04
11) 2-Methylnaphthalene-d10	11.70	152	2996	0.44	ng		-0.02
14) 2,4,6-Tribromophenol	15.49	330	934	0.64	ng		-0.04
15) 2-Fluorobiphenyl	12.61	172	5098	0.46	ng		-0.02
25) Fluoranthene-d10	18.79	212	48497	0.46	ng		-0.02
29) Terphenyl-d14	19.41	244	9071	0.42	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.35	42	471	0.479	ng	#	1
6) bis(2-Chloroethyl)ether	6.72	93	563	0.247	ng	#	1
22) Pentachlorophenol	16.42	266	278	0.306	ng	#	81
23) Phenanthrene	16.79	178	23445	1.028	ng		97
24) Anthracene	16.88	178	6457	0.341	ng	#	71
26) Fluoranthene	18.82	202	37408	1.368	ng		98
28) Pyrene	19.18	202	40969	1.419	ng		97
30) Benzo(a)anthracene	20.99	228	31251	1.196	ng	#	92
31) Chrysene	20.99	228	30721	1.005	ng	#	92
32) Bis(2-ethylhexyl)phthalate	20.89	149	20763	0.696	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.48	276	7359	0.228	ng	#	91
35) Benzo(b)fluoranthene	22.52	252	20875	0.817	ng	#	94
36) Benzo(k)fluoranthene	22.52	252	20875	0.690	ng	#	87
37) Benzo(a)pyrene	23.09	252	4442	0.176	ng	#	61
39) Benzo(g,h,i)perylene	26.18	276	11723	0.444	ng	#	91

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

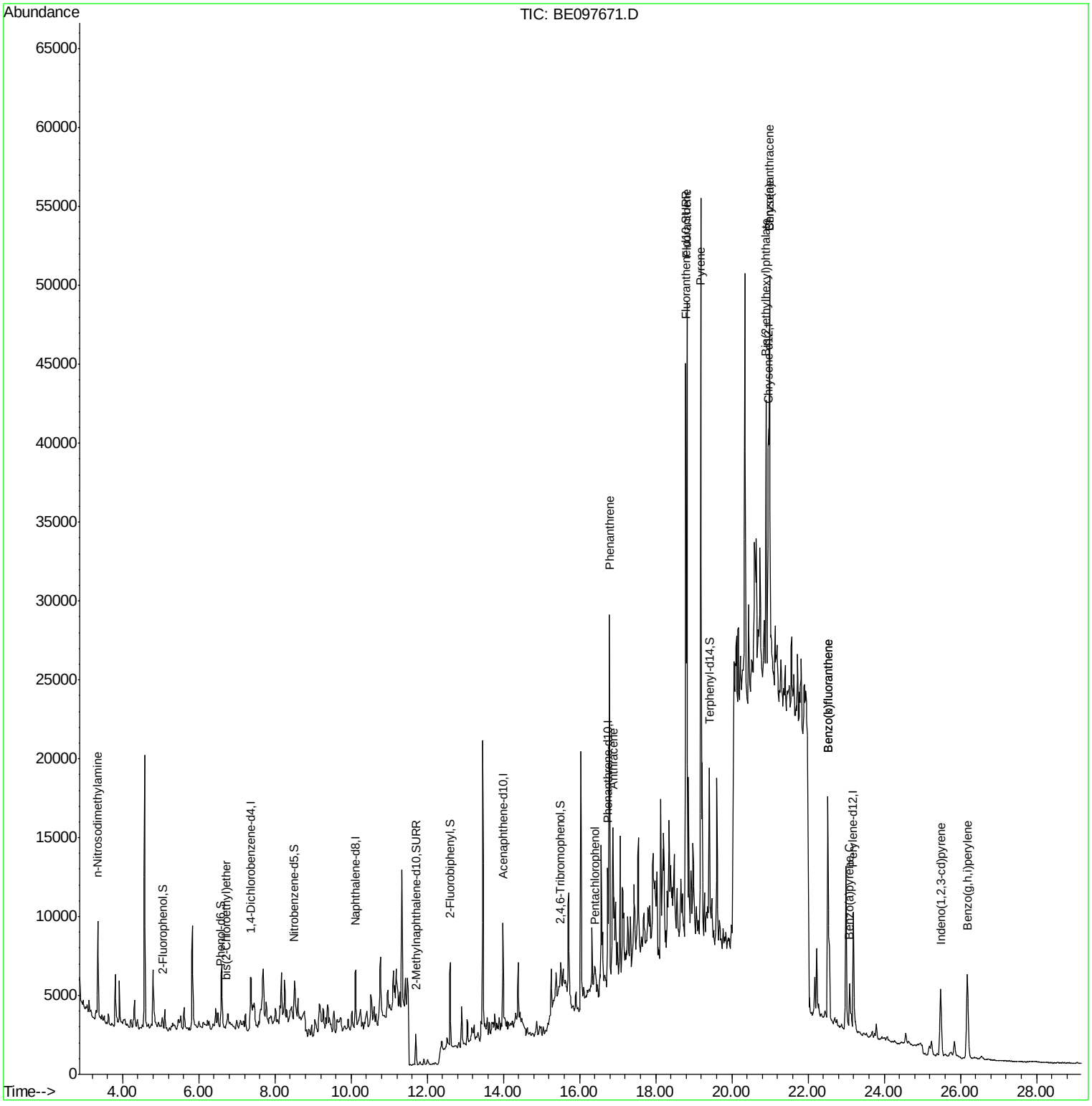
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092518\

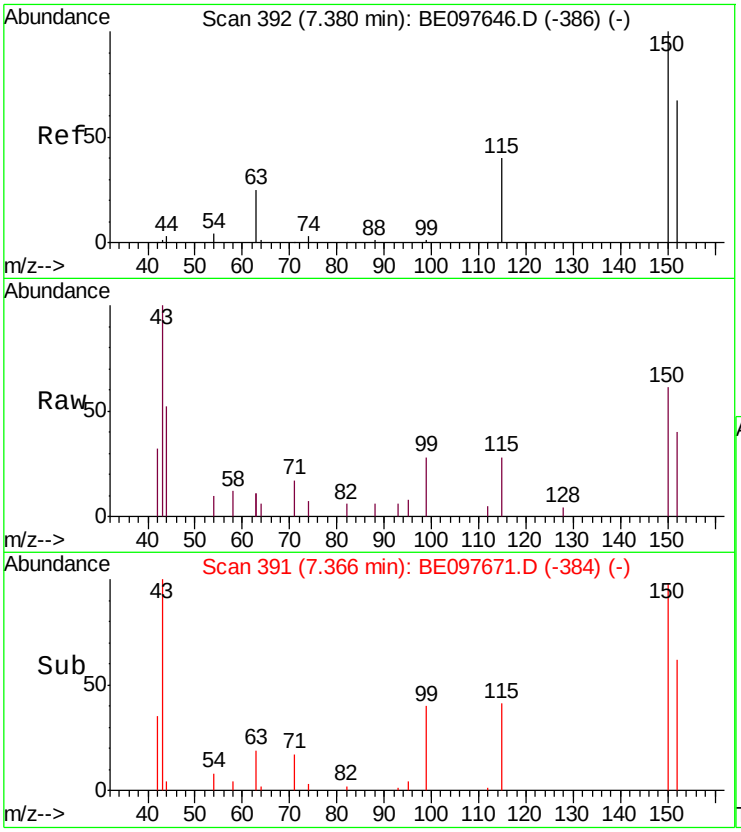
Quantitation Report (Not Reviewed)

Data File : BE097671.D
Acq On : 25 Sep 2018 23:24
Operator : SJ/JU
Sample : J5033-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Quant Time: Sep 26 07:37:39 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



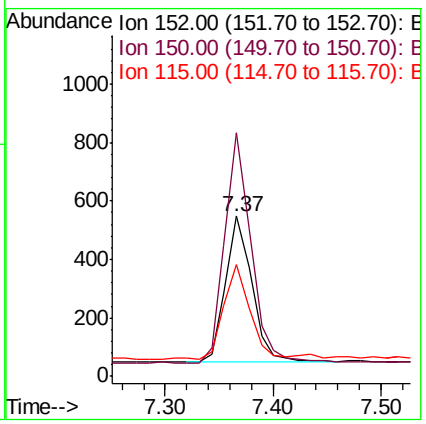


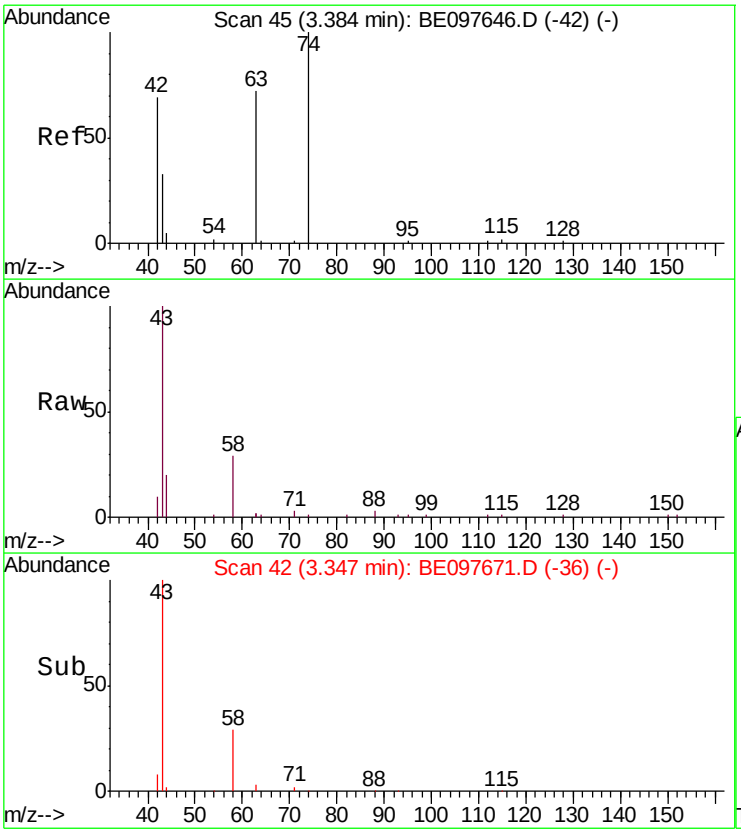
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:152 Resp: 849

Ion	Ratio	Lower	Upper
152	100		
150	152.3	117.2	175.8
115	70.2	57.0	85.6

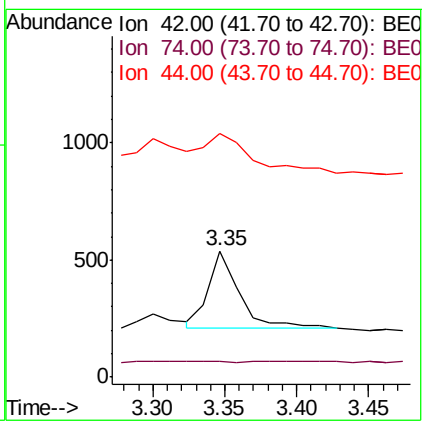


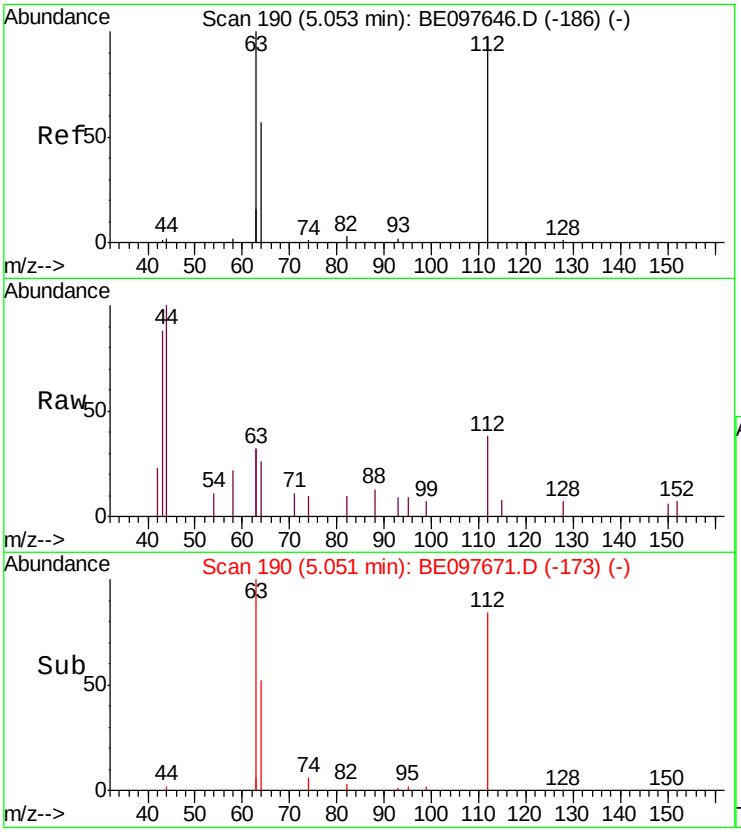


#3
n-Nitrosodimethylamine
Concen: 0.479 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.04 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion: 42 Resp: 471

Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	84.1	12.0	18.0#



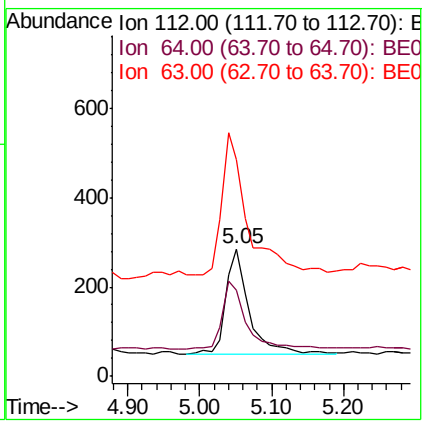


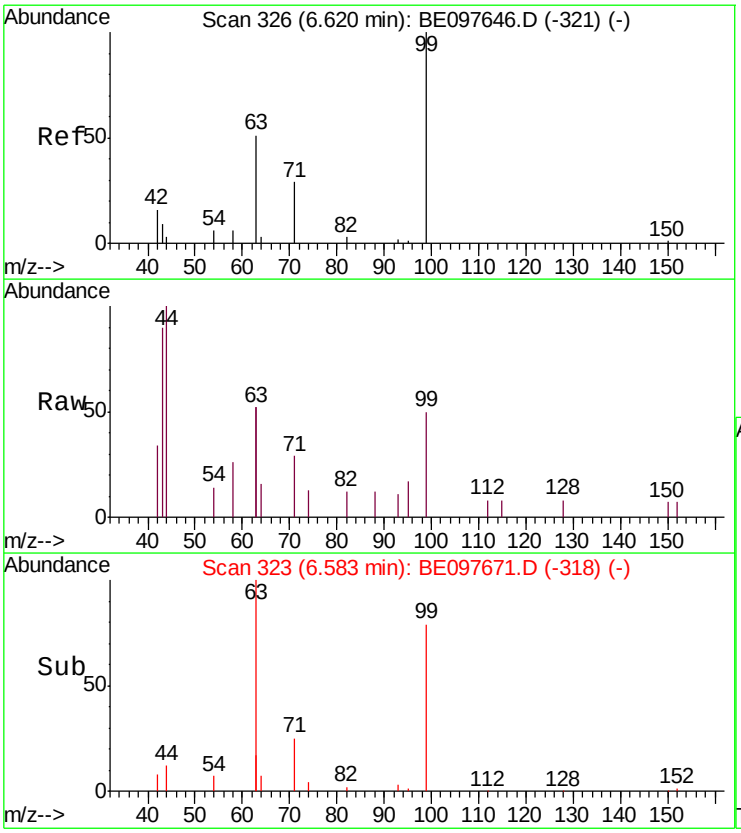
#4
2-Fluorophenol
Concen: 0.231 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:112 Resp: 517

Ion	Ratio	Lower	Upper
112	100		
64	68.1	60.1	90.1
63	158.8	116.8	175.2

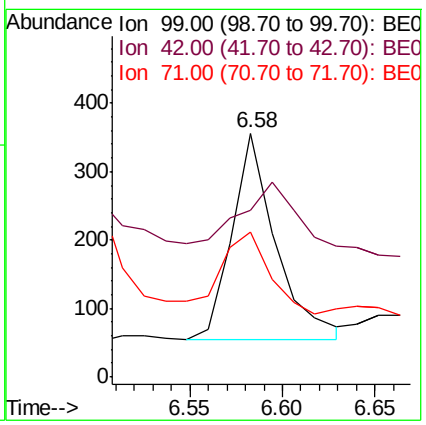


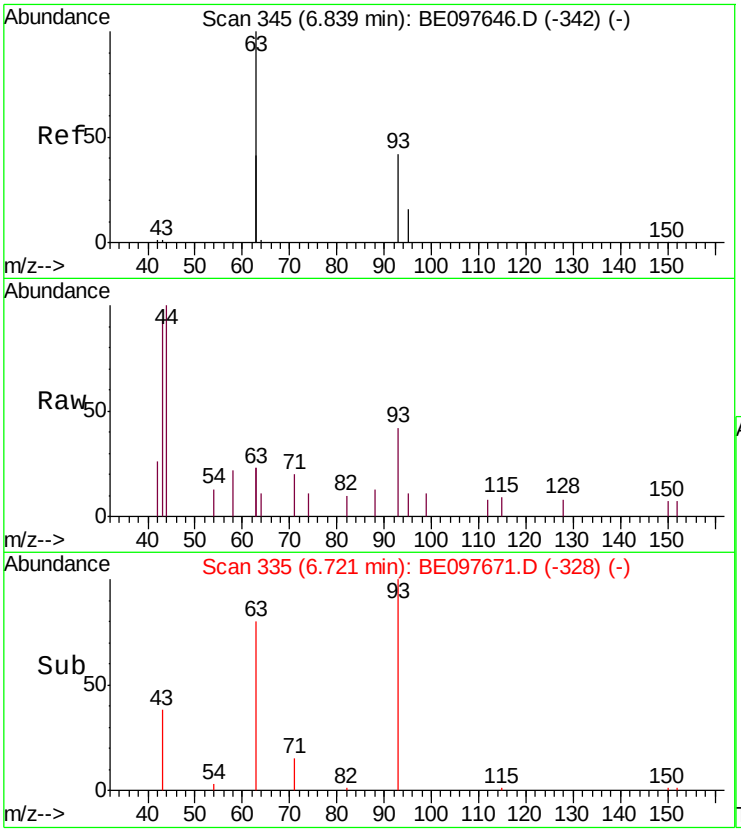


#5
Phenol-d6
Concen: 0.157 ng
RT: 6.58 min Scan# 323
Delta R.T. -0.04 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion: 99 Resp: 496

Ion	Ratio	Lower	Upper
99	100		
42	52.0	20.2	30.2#
71	43.1	28.4	42.6#



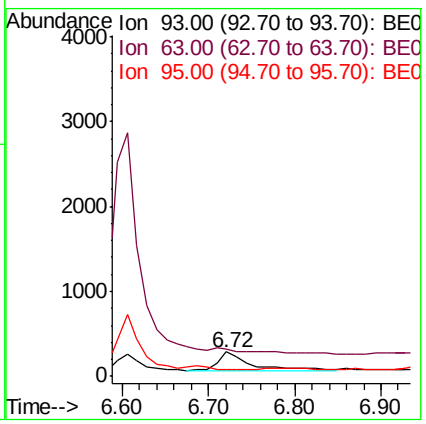


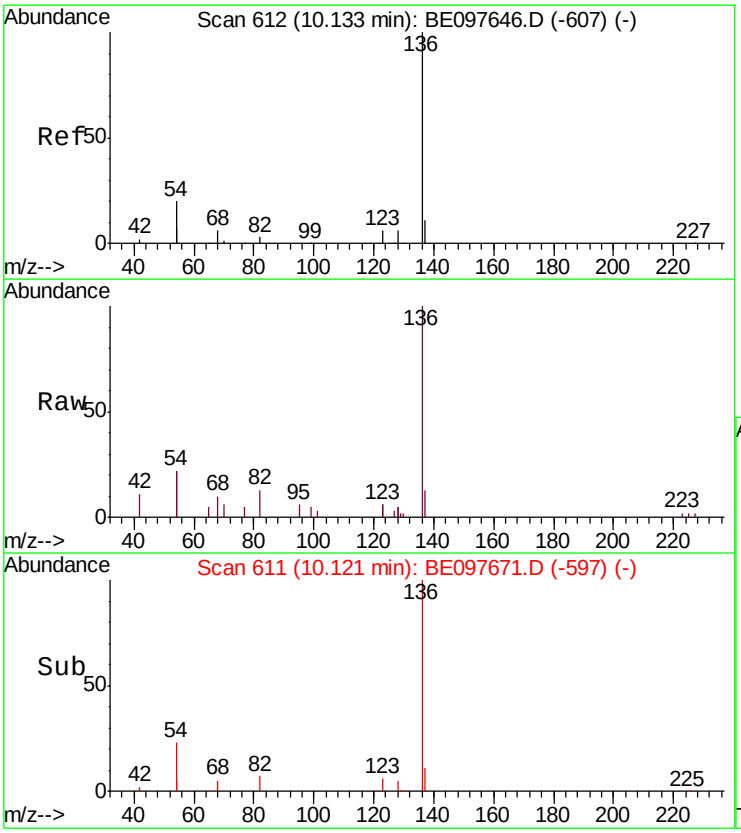
#6
bis(2-Chloroethyl)ether
Concen: 0.247 ng
RT: 6.72 min Scan# 335
Delta R.T. -0.12 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion: 93 Resp: 563

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

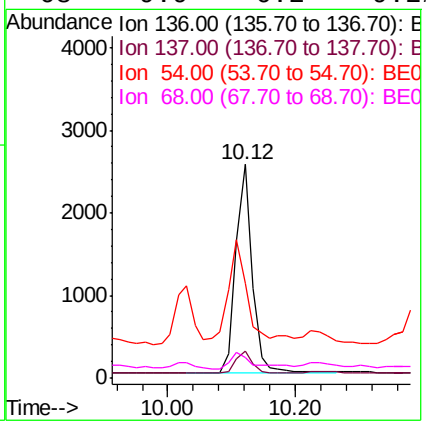


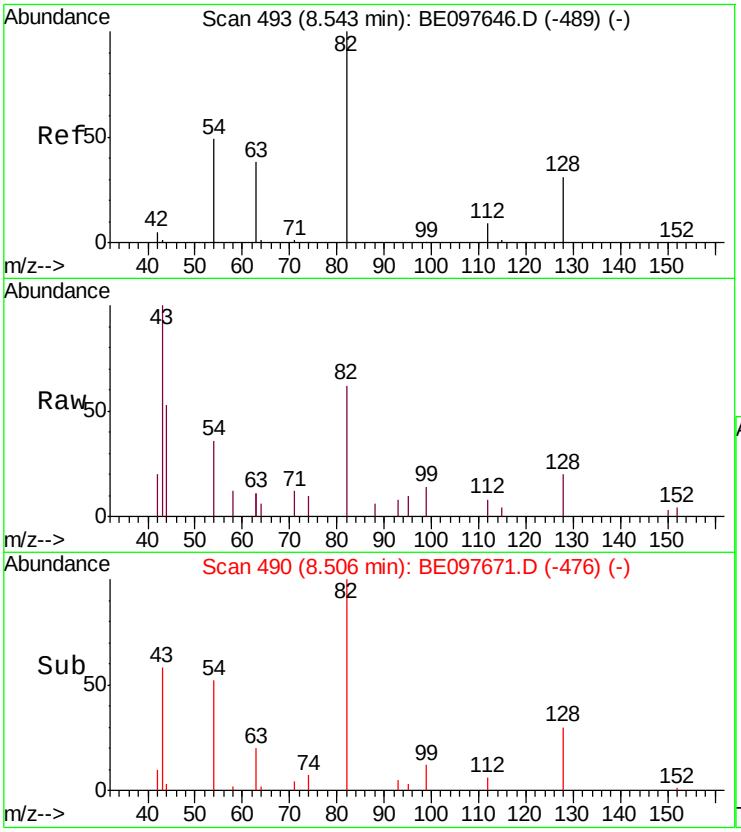


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:136 Resp: 4570

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	44.2	29.1	43.7#
68	9.9	6.2	9.2#



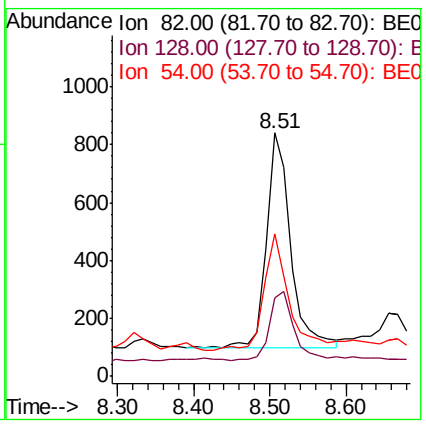


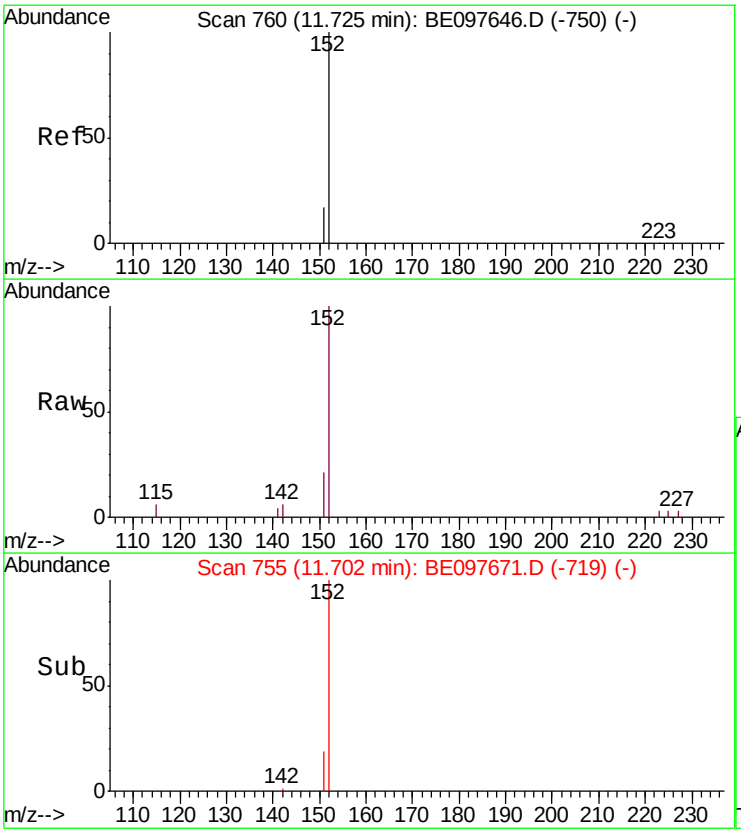
#8
Nitrobenzene-d5
Concen: 0.550 ng
RT: 8.51 min Scan# 490
Delta R.T. -0.04 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion: 82 Resp: 1614

Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.0	36.0
54	58.6	40.0	60.0

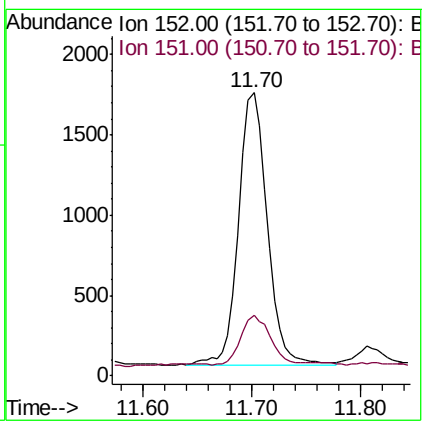


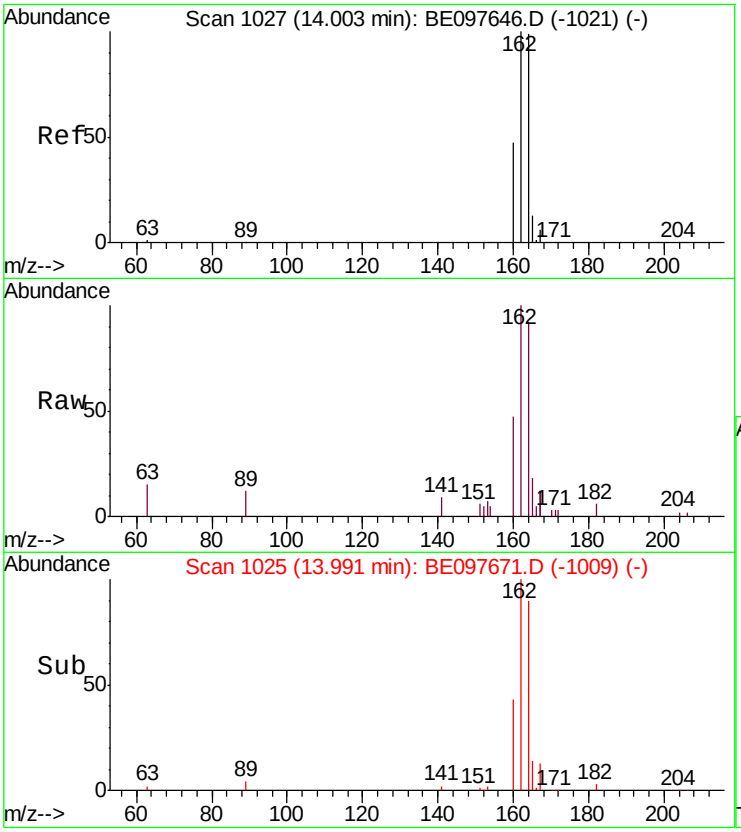


#11
2-Methylnaphthalene-d10
Concen: 0.443 ng
RT: 11.70 min Scan# 755
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:152 Resp: 2996

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.4	23.0



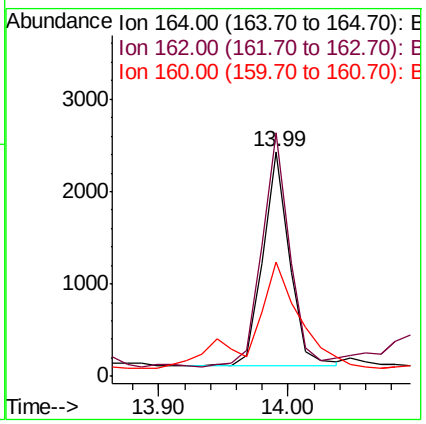


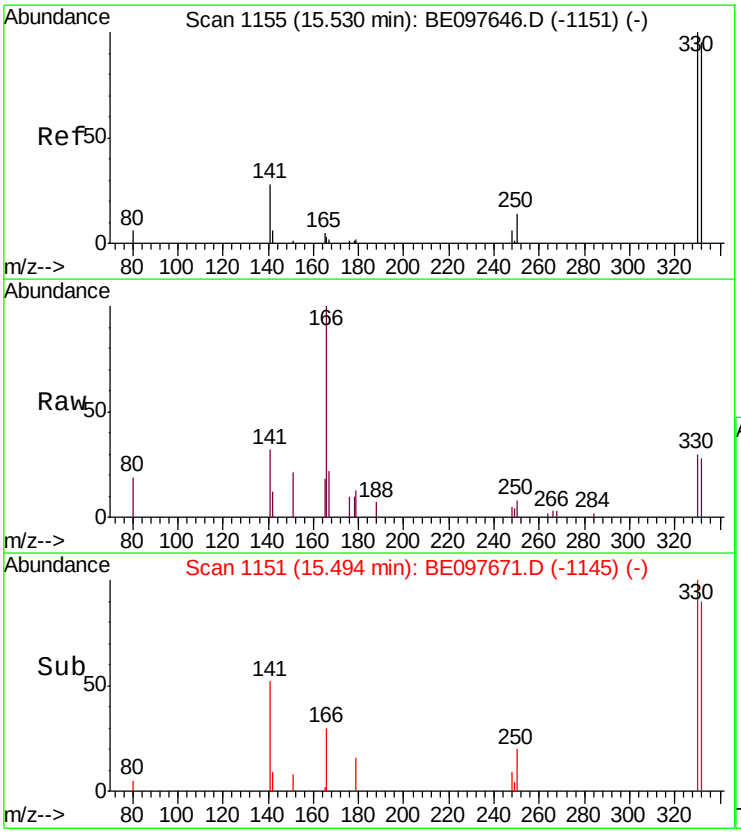
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:164 Resp: 3375

Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.1	124.7
160	50.7	37.1	55.7

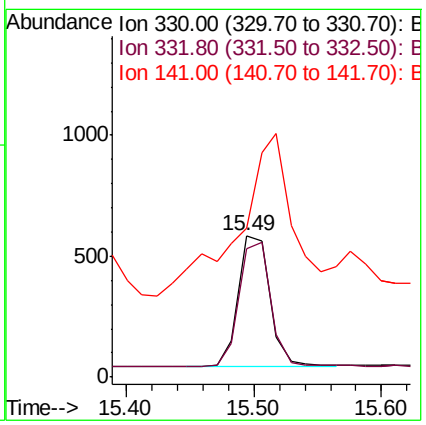


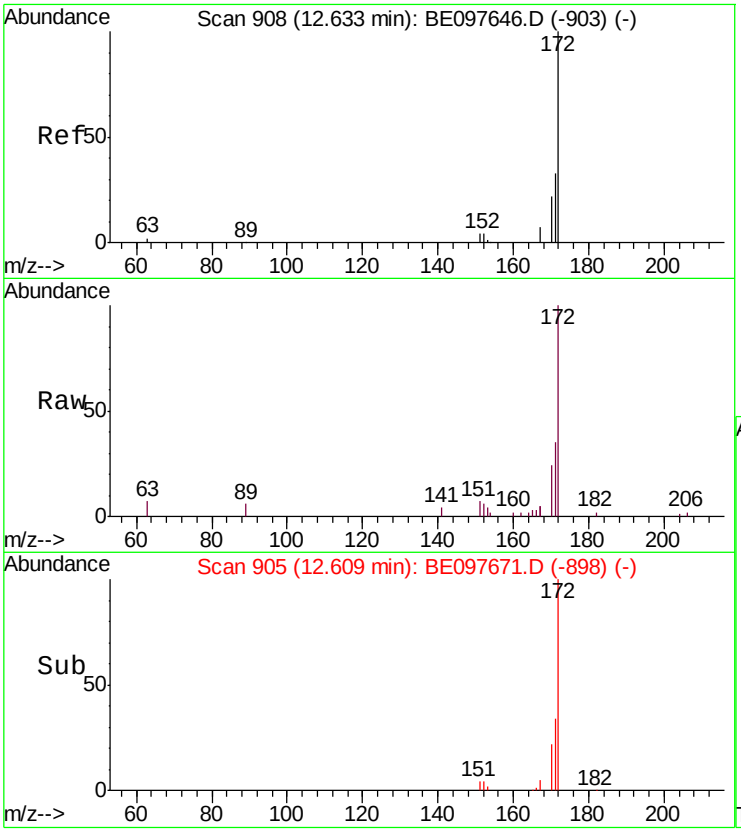


#14
2,4,6-Tribromophenol
Concen: 0.637 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.04 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:330 Resp: 934

Ion	Ratio	Lower	Upper
330	100		
332	94.8	152.7	229.1#
141	0.0	33.7	50.5#



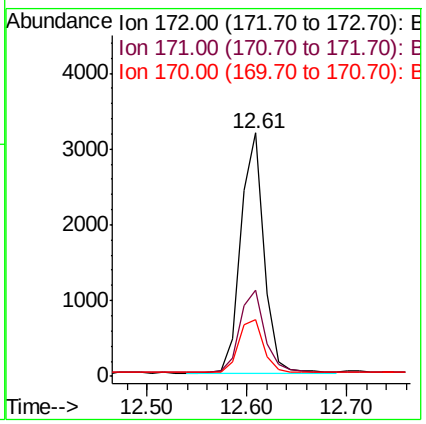


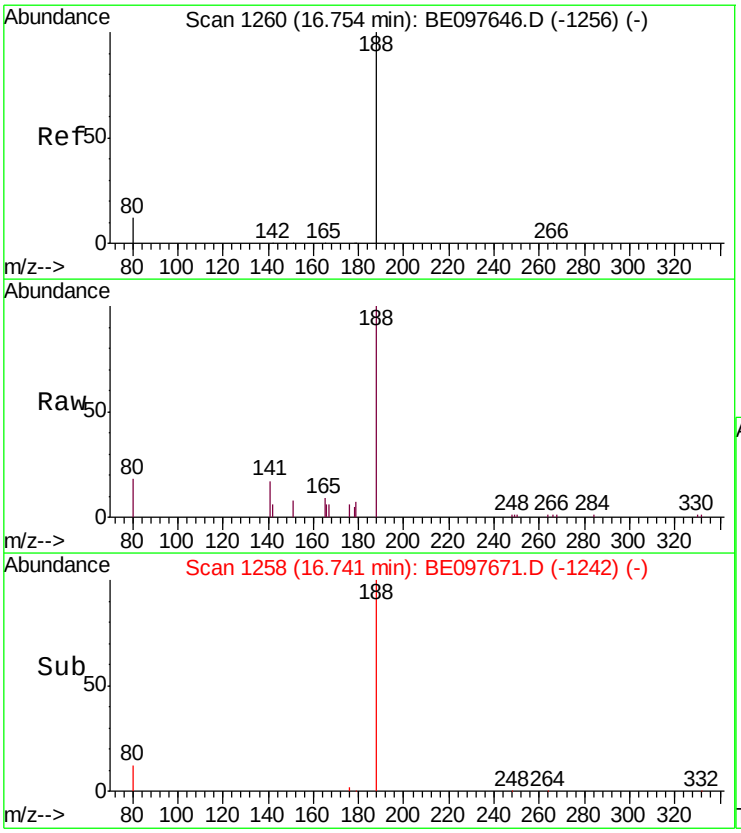
#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 12.61 min Scan# 905
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:172 Resp: 5098

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.9	44.9
170	23.5	21.8	32.8

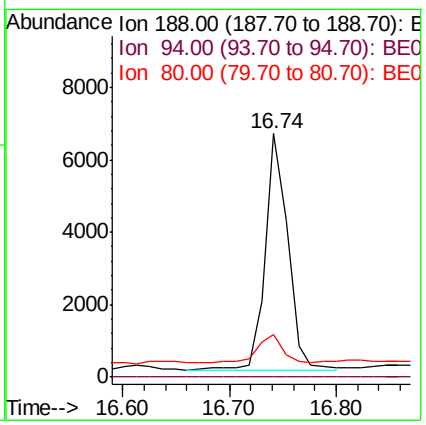


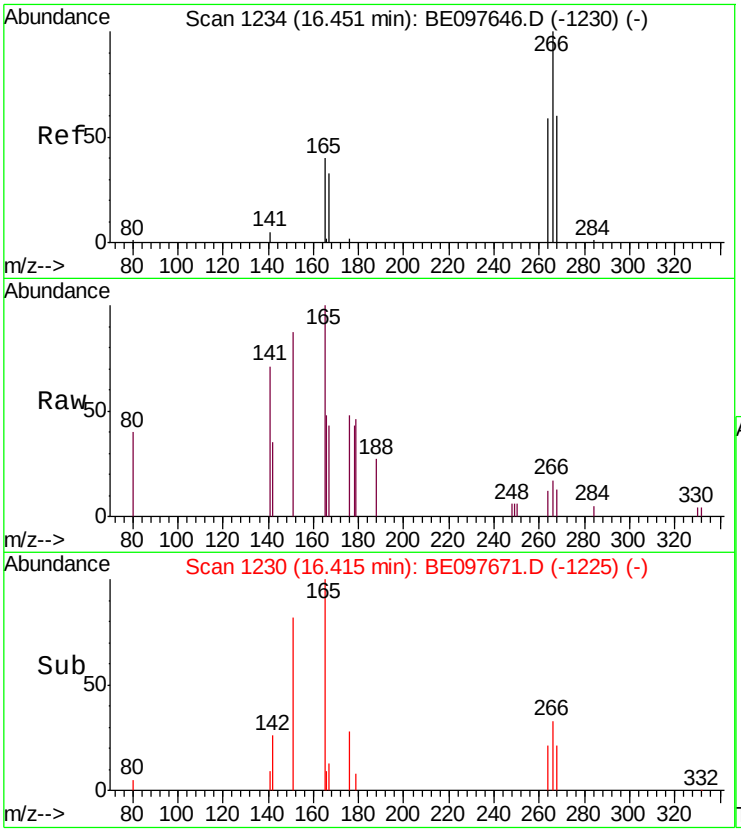


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.74 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:188 Resp: 9639

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	17.7	3.6	5.4#



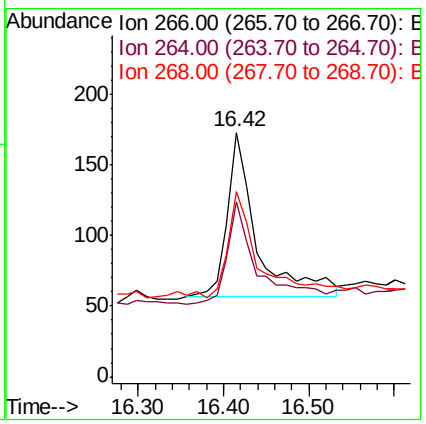


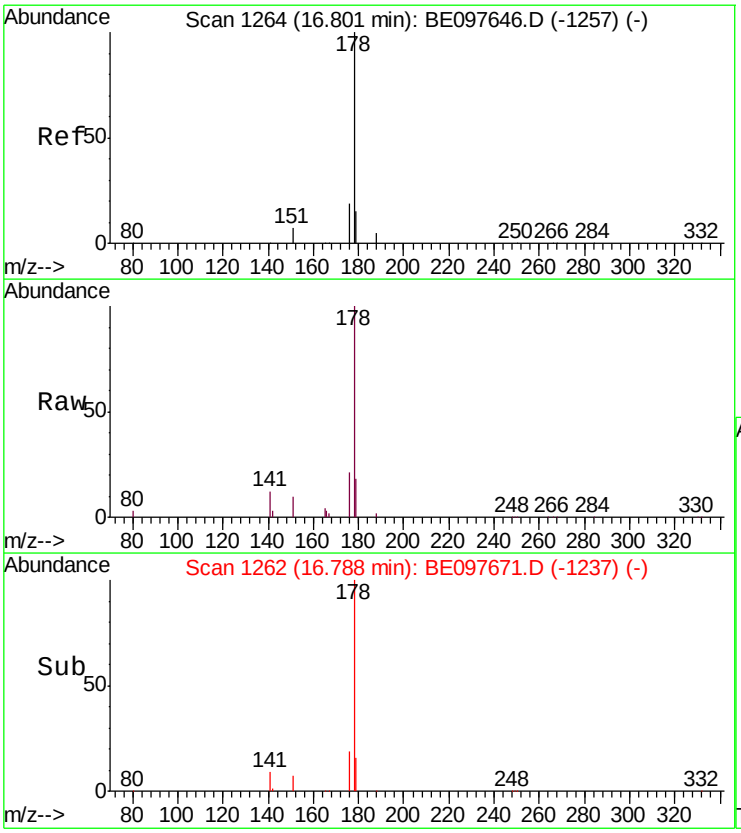
#22
Pentachlorophenol
Concen: 0.306 ng
RT: 16.42 min Scan# 1230
Delta R.T. -0.04 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:266 Resp: 278

Ion	Ratio	Lower	Upper
266	100		
264	71.7	72.5	108.7#
268	75.7	73.8	110.6

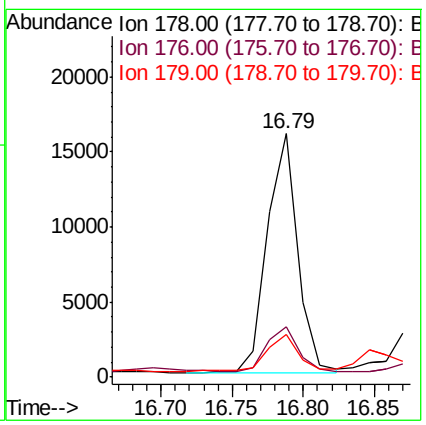


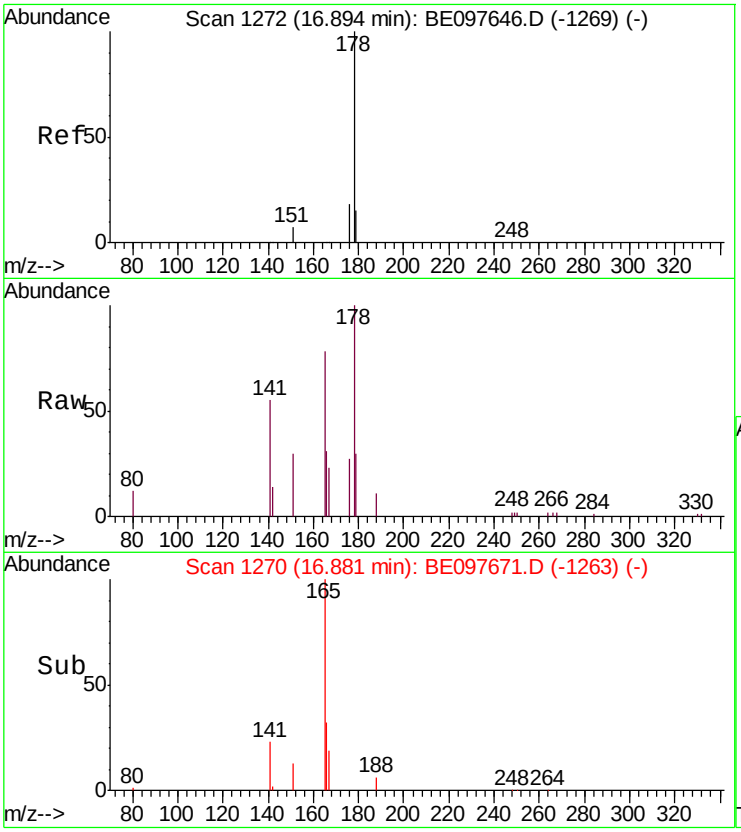


#23
Phenanthrene
Concen: 1.028 ng
RT: 16.79 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:178 Resp: 23445

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	16.2	11.8	17.6



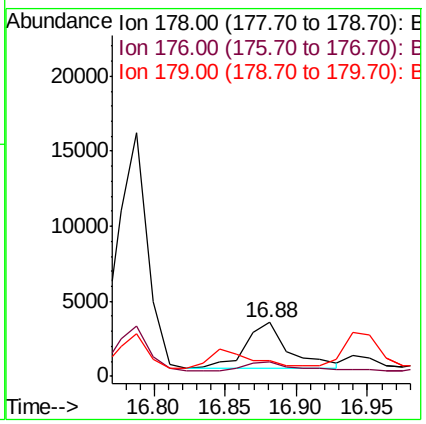


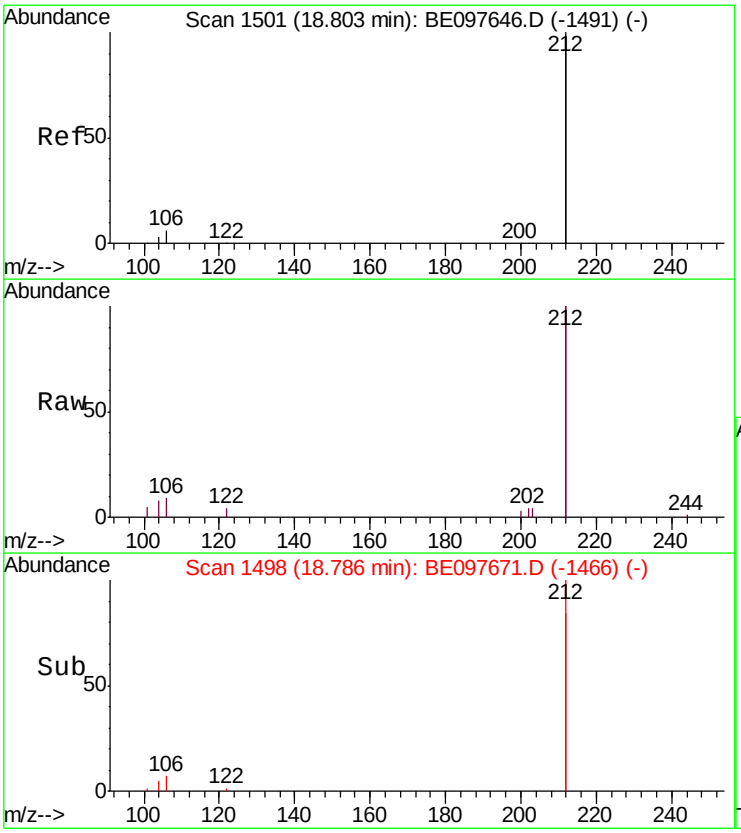
#24
Anthracene
Concen: 0.341 ng
RT: 16.88 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:178 Resp: 6457

Ion	Ratio	Lower	Upper
178	100		
176	23.9	12.8	19.2#
179	0.0	13.0	19.6#

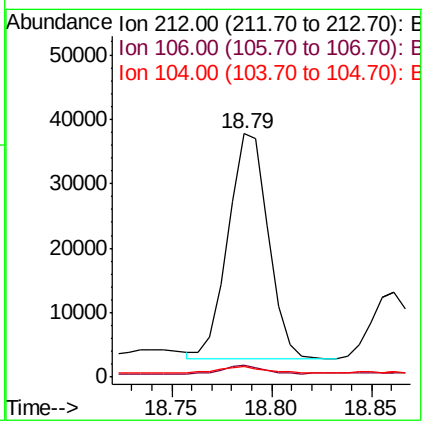


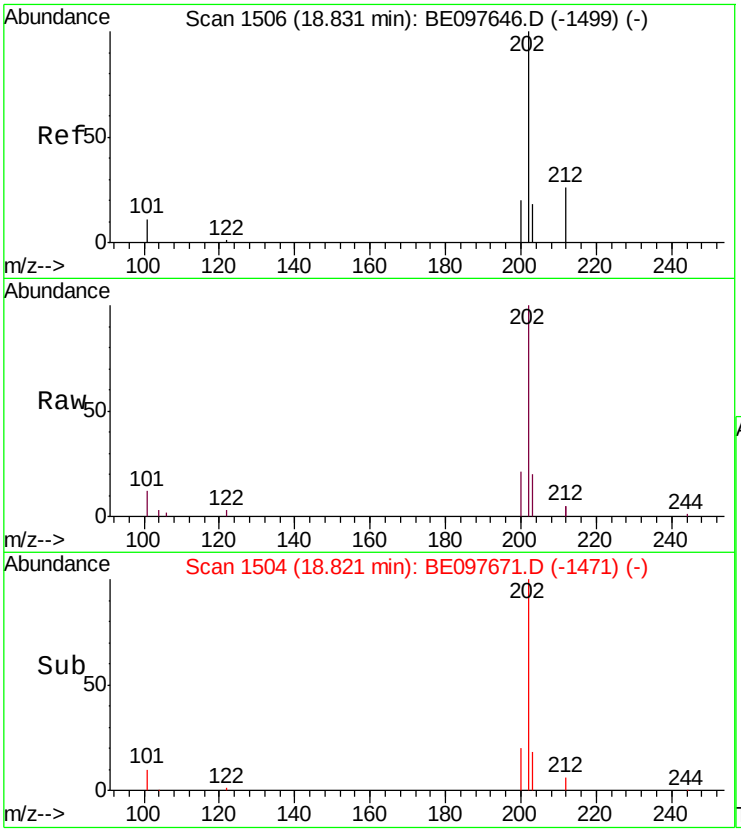


#25
Fluoranthene-d10
Concen: 0.461 ng
RT: 18.79 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:212 Resp: 48497

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.8	4.2
104	3.1	1.6	2.4#



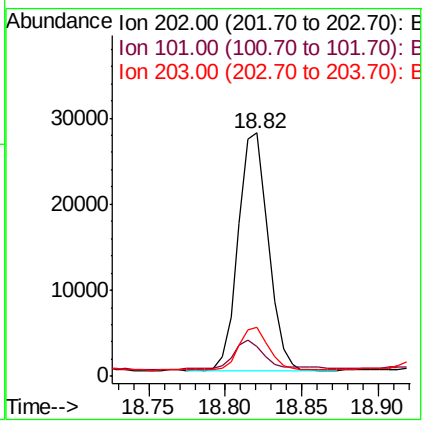


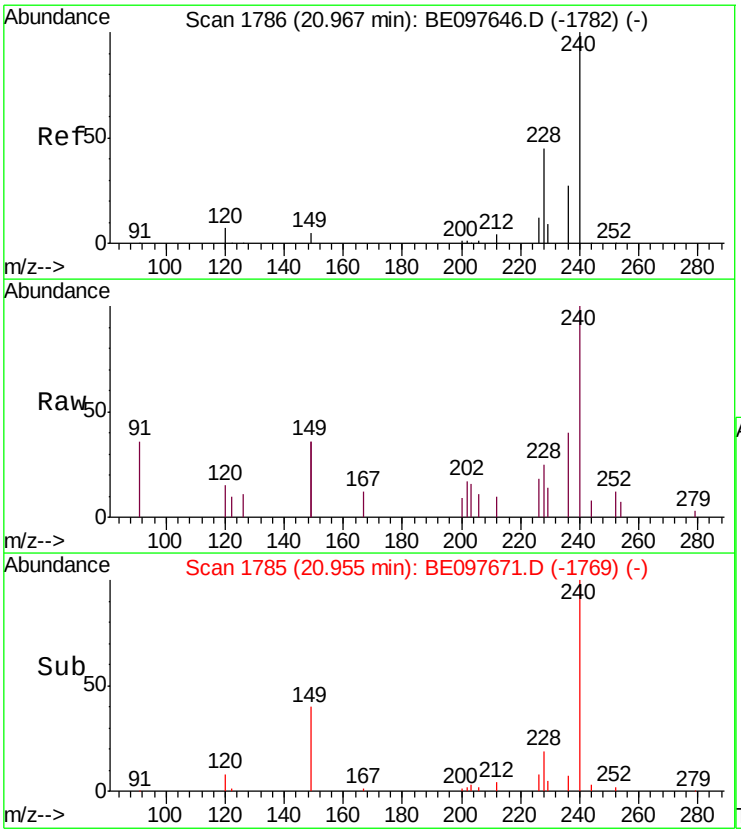
#26
Fluoranthene
Concen: 1.368 ng
RT: 18.82 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:202 Resp: 37408

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.8
203	17.6	13.7	20.5

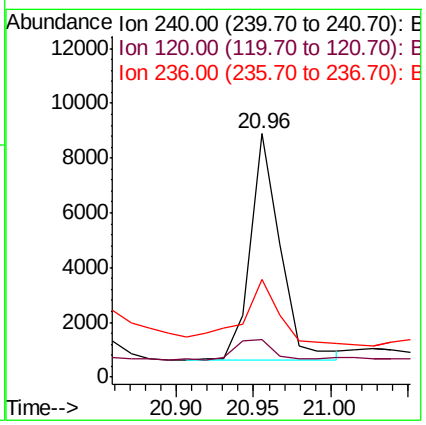


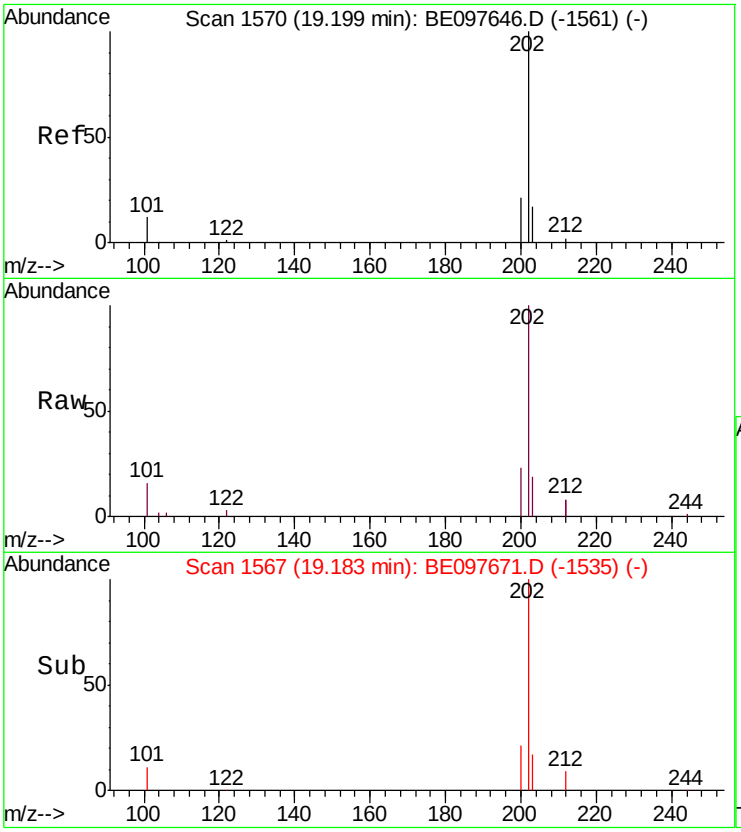


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.96 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:240 Resp: 11059

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.5	8.3#
236	40.0	20.7	31.1#



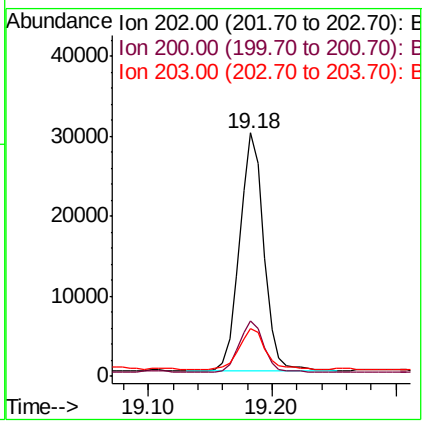


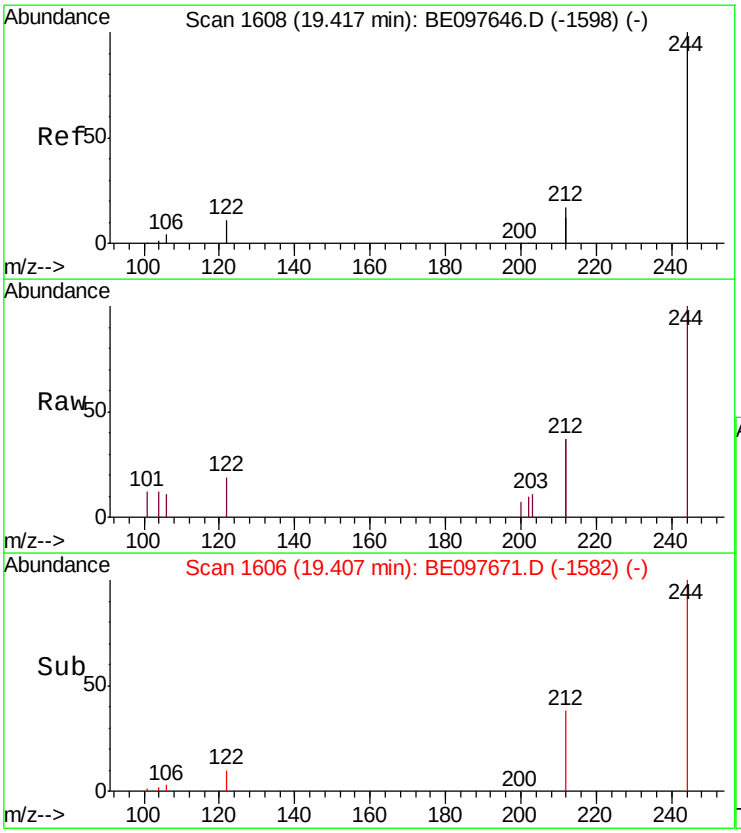
#28
Pyrene
Concen: 1.419 ng
RT: 19.18 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:202 Resp: 40969

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	19.3	13.8	20.8

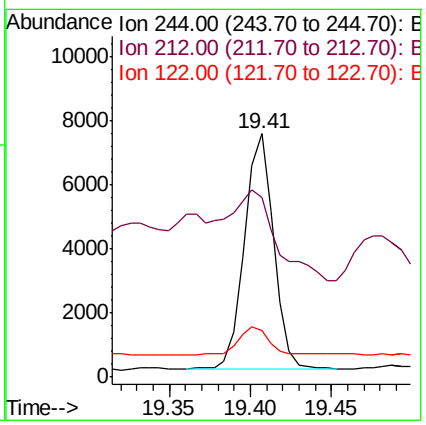


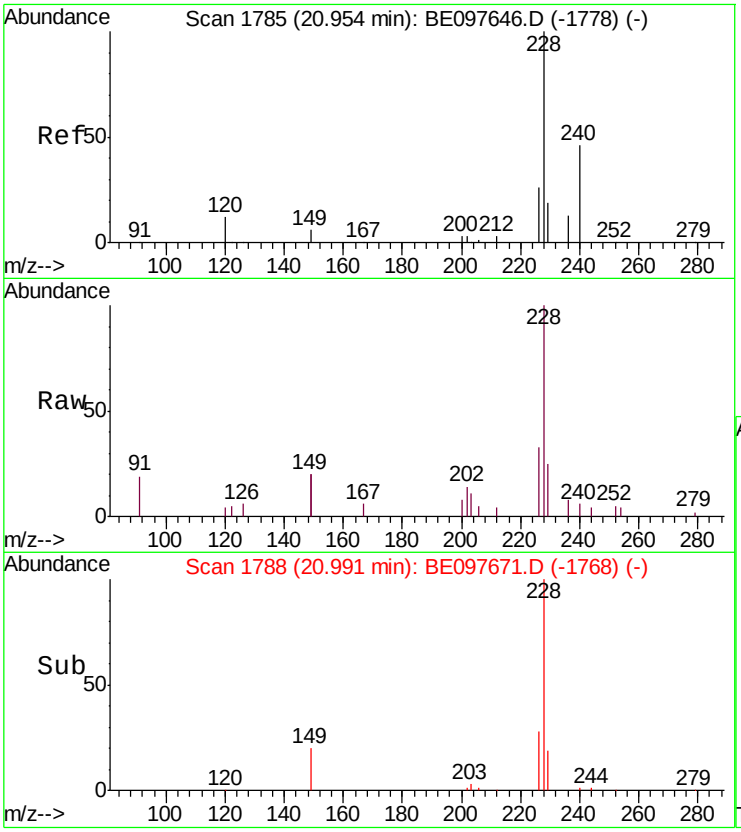


#29
Terphenyl-d14
Concen: 0.417 ng
RT: 19.41 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:244 Resp: 9071

Ion	Ratio	Lower	Upper
244	100		
212	73.7	25.4	38.0#
122	18.9	8.1	12.1#



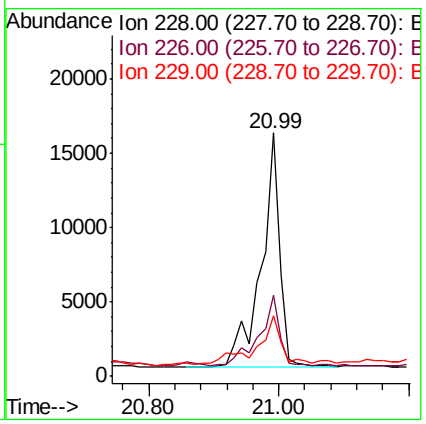


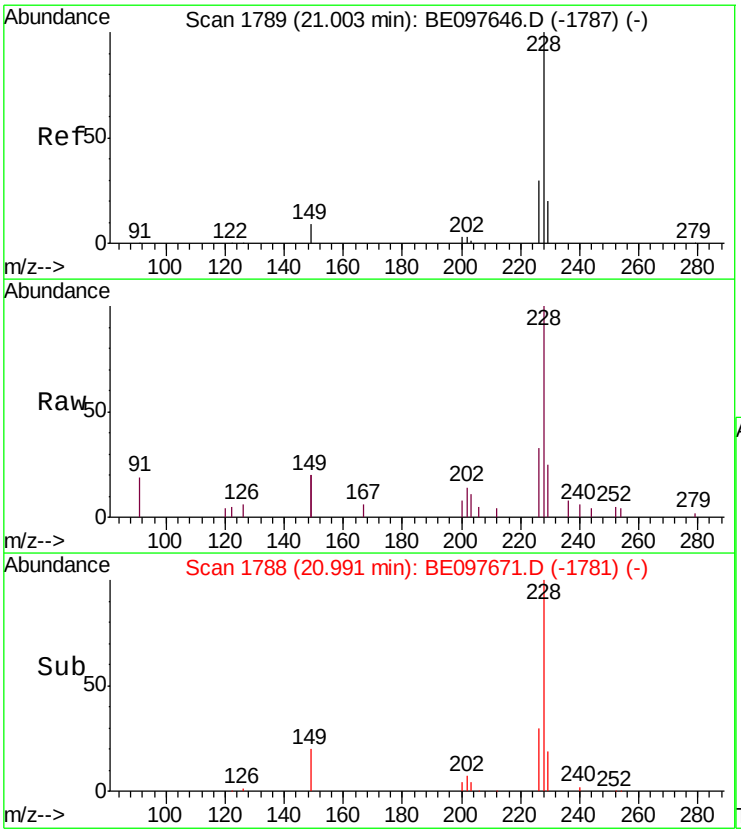
#30
Benzo(a)anthracene
Concen: 1.196 ng
RT: 20.99 min Scan# 1788
Delta R.T. 0.04 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:228 Resp: 31251

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.0	36.0
229	25.1	16.0	24.0#

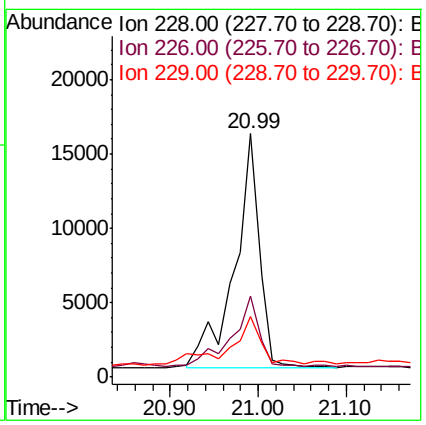


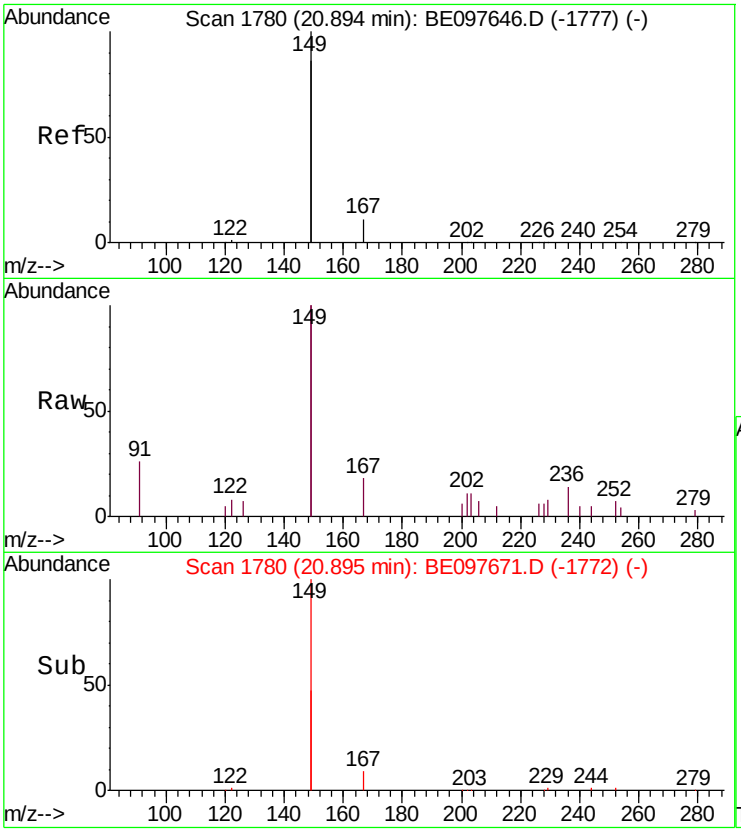


#31
Chrysene
Concen: 1.005 ng
RT: 20.99 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:228 Resp: 30721

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.0	36.0
229	25.1	16.0	24.0#



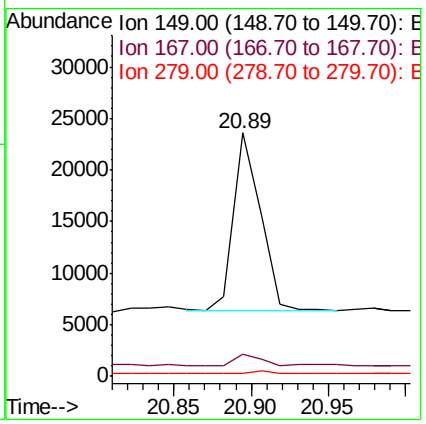


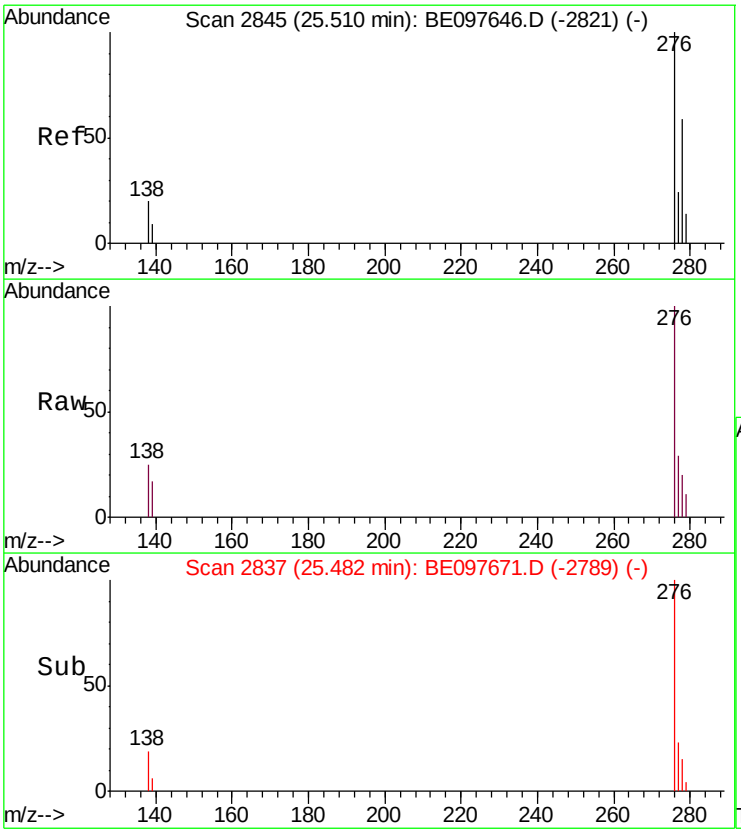
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.696 ng
RT: 20.89 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:149 Resp: 20763

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.5	0.7	1.1#

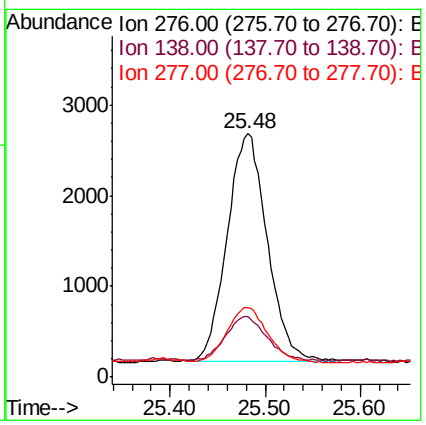


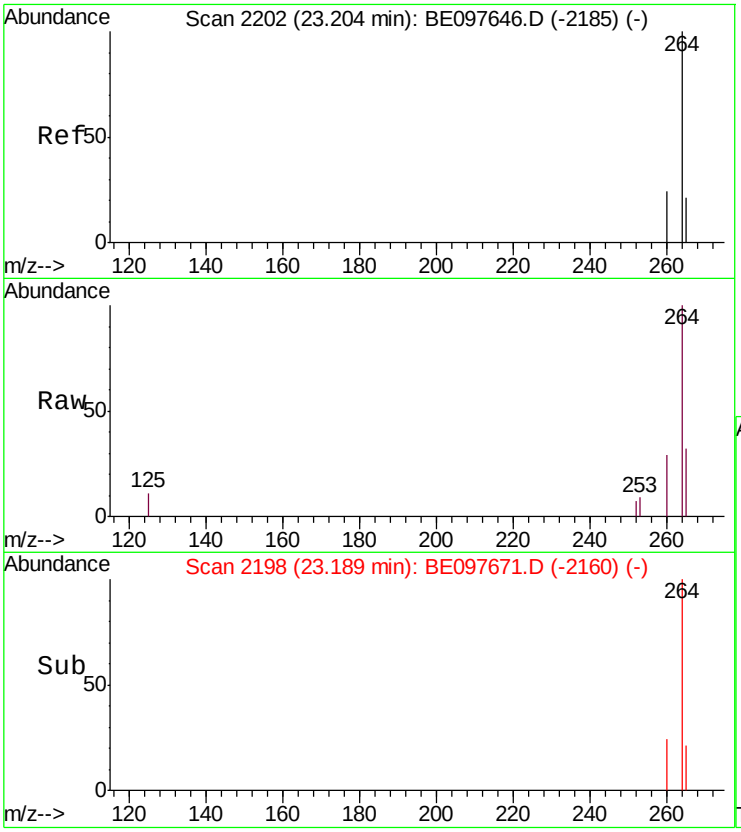


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.228 ng
RT: 25.48 min Scan# 2837
Delta R.T. -0.03 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:276 Resp: 7359

Ion	Ratio	Lower	Upper
276	100		
138	19.8	22.5	33.7#
277	25.4	19.9	29.9



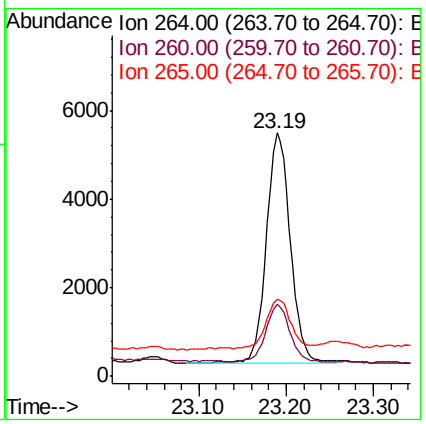


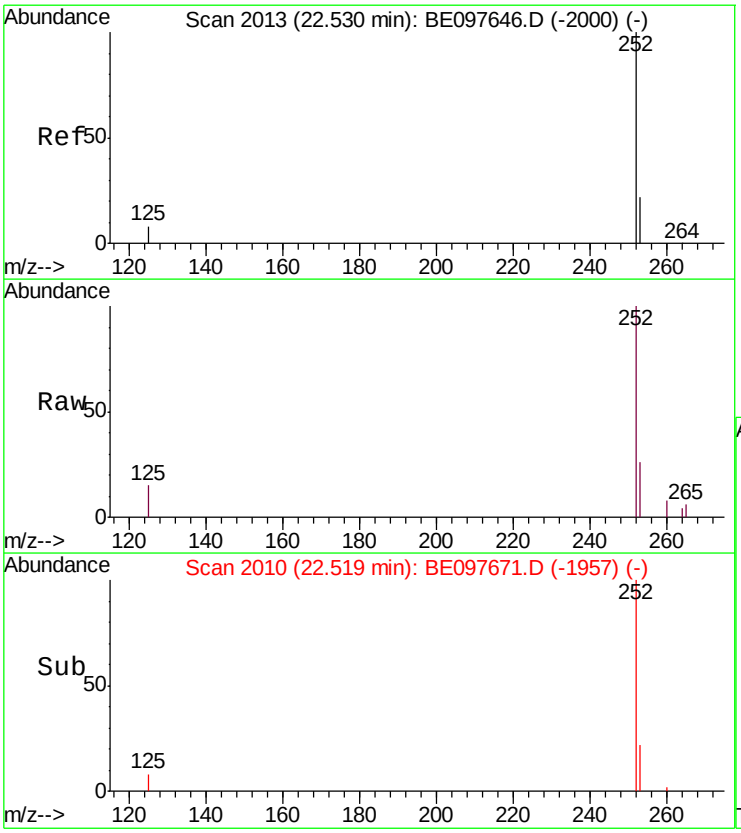
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.19 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:264 Resp: 9998

Ion	Ratio	Lower	Upper
264	100		
260	29.3	20.5	30.7
265	31.9	22.8	34.2

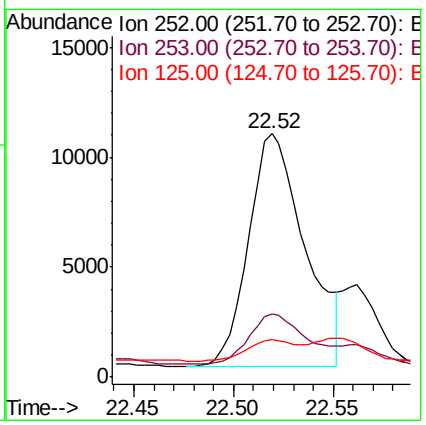


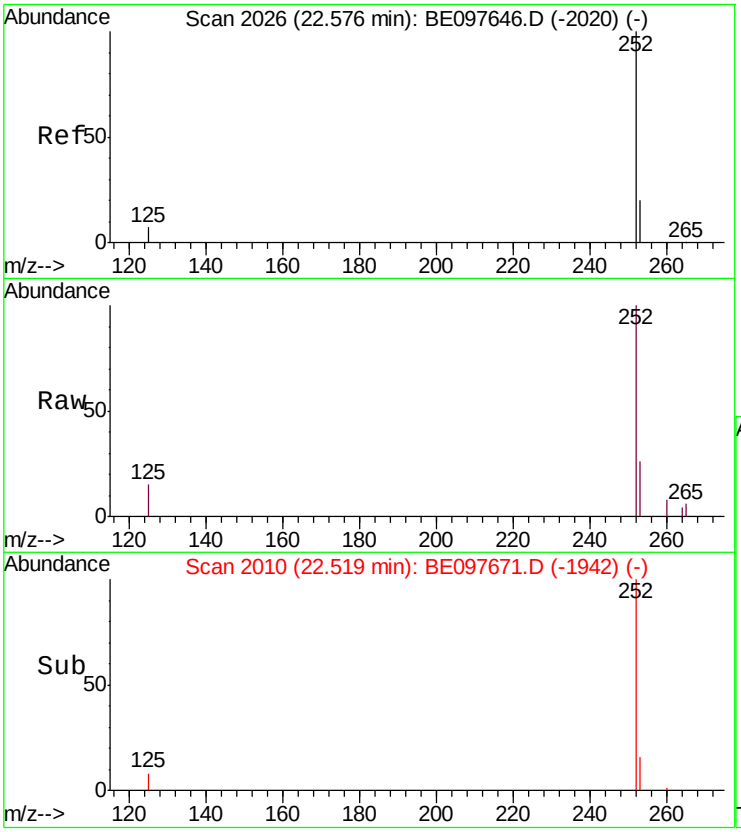


#35
Benzo(b)fluoranthene
Concen: 0.817 ng
RT: 22.52 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:252 Resp: 20875

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.0	30.0
125	15.3	16.0	24.0#



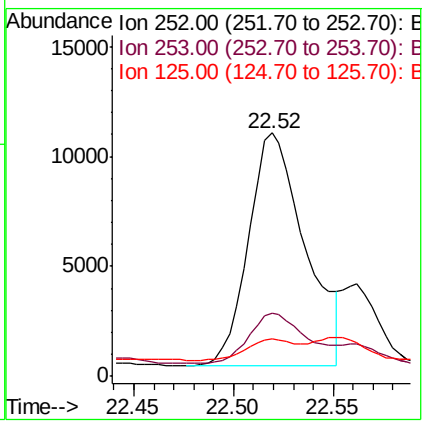


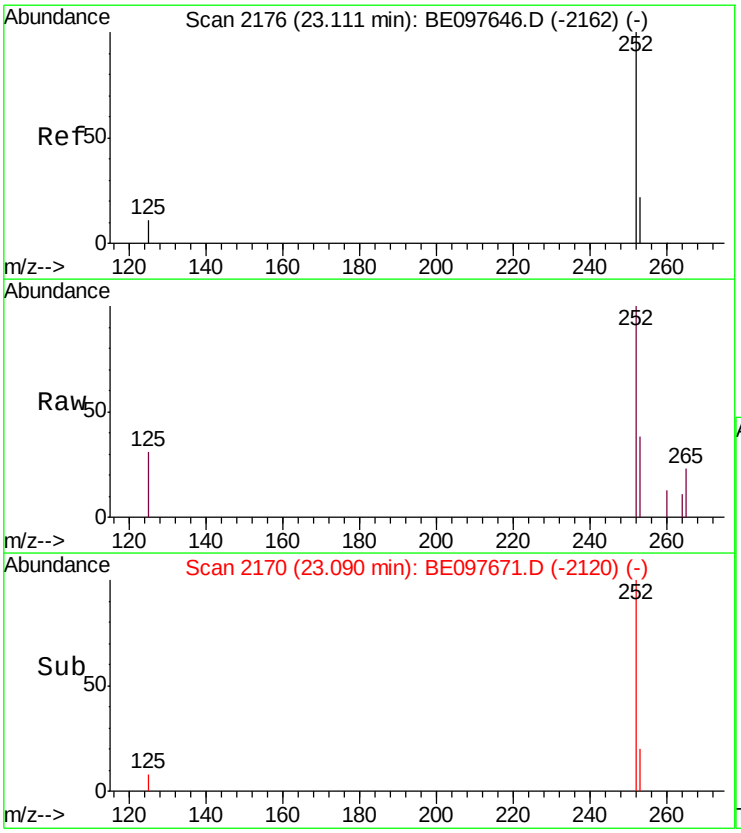
#36
Benzo(k)fluoranthene
Concen: 0.690 ng
RT: 22.52 min Scan# 2010
Delta R.T. -0.06 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:252 Resp: 20875

Ion	Ratio	Lower	Upper
252	100		
253	26.0	16.0	24.0#
125	15.3	8.0	12.0#

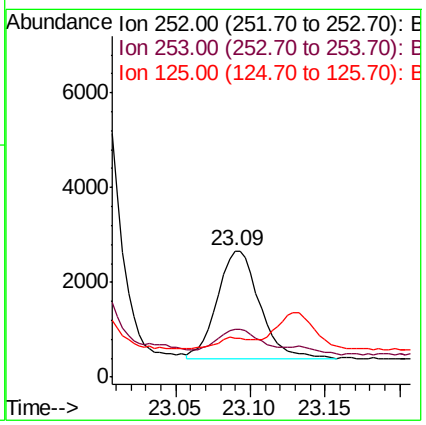


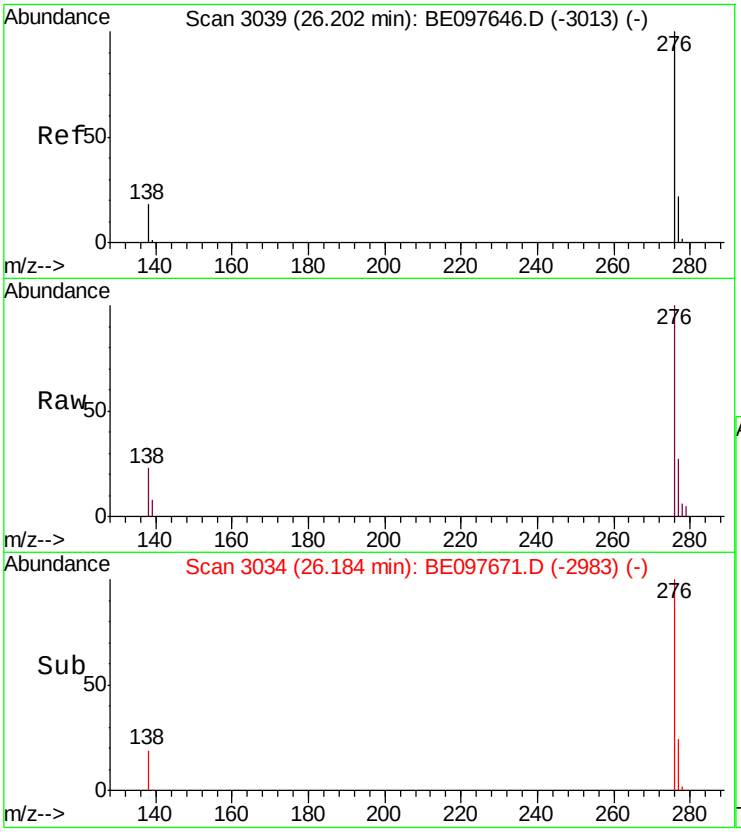


#37
Benzo(a)pyrene
Concen: 0.176 ng
RT: 23.09 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Tgt Ion:252 Resp: 4442

Ion	Ratio	Lower	Upper
252	100		
253	38.3	16.0	24.0#
125	31.2	12.0	18.0#





#39
Benzo(g,h,i)perylene
Concen: 0.444 ng
RT: 26.18 min Scan# 3034
Delta R.T. -0.02 min
Lab File: BE097671.D
Acq: 25 Sep 2018 23:24

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4004-20180918

Tgt Ion:276 Resp: 11723

Ion	Ratio	Lower	Upper
276	100		
277	26.7	16.0	24.0#
138	22.7	20.0	30.0