Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
Data File : BE097647.D
Acq On : 24 Sep 2018 16:20
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Sep 24 17:03:54 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 16:35:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	744	0.40	ng		-0.01
7) Naphthalene-d8	10.12	136	3682	0.40	ng		-0.01
13) Acenaphthene-d10	13.99	164	2535	0.40	ng		-0.01
19) Phenanthrene-d10	16.75	188	7905	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8876	0.40	ng		0.00
34) Perylene-d12	23.20	264	7934	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	1502	0.67	ng		-0.01
5) Phenol-d6	6.60	99	2072	0.73	ng		-0.02
8) Nitrobenzene-d5	8.52	82	1949	0.69	ng		-0.02
11) 2-Methylnaphthalene-d10	11.71	152	4360	0.86	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	871	0.83	ng		-0.01
15) 2-Fluorobiphenyl	12.62	172	6761	0.75	ng		-0.01
25) Fluoranthene-d10	18.80	212	69106	0.68	ng		0.00
29) Terphenyl-d14	19.41	244	14160	0.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	975	0.741	ng	#	84
3) n-Nitrosodimethylamine	3.37	42	720	0.620	ng	#	93
6) bis(2-Chloroethyl)ether	6.83	93	2045	0.773	ng		75
9) Naphthalene	10.17	128	26894	0.811	ng		100
10) Hexachlorobutadiene	10.46	225	1217	0.796	ng		97
12) 2-Methylnaphthalene	11.79	142	4453	0.861	ng		98
16) Acenaphthylene	13.72	152	8198	0.818	ng		100
17) Acenaphthene	14.06	154	5479	0.815	ng		96
18) Fluorene	15.05	166	7620	0.870	ng	#	79
20) 4-Bromophenyl-phenylether	15.96	248	2899	0.813	ng	#	75
21) Hexachlorobenzene	16.07	284	3276	0.836	ng	#	85
22) Pentachlorophenol	16.44	266	736	0.537	ng	#	76
23) Phenanthrene	16.79	178	15134	0.806	ng		99
24) Anthracene	16.89	178	13017	0.785	ng		96
26) Fluoranthene	18.83	202	18513	0.711	ng		98
28) Pyrene	19.20	202	18502	0.916	ng		100
30) Benzo(a)anthracene	20.95	228	16940	0.758	ng		96
31) Chrysene	21.00	228	19586	0.817	ng		99
32) Bis(2-ethylhexyl)phthalate	20.89	149	18664	0.419	ng		99
33) Indeno(1,2,3-cd)pyrene	25.49	276	21130	0.732	ng	#	92
35) Benzo(b)fluoranthene	22.52	252	16551	0.814	ng	#	88
36) Benzo(k)fluoranthene	22.57	252	19491	0.839	ng		96
37) Benzo(a)pyrene	23.10	252	15794	0.756	ng	#	94
38) Dibenzo(a,h)anthracene	25.51	278	17546	0.823	ng	#	94
39) Benzo(g,h,i)perylene	26.20	276	17197	0.829	ng	#	89

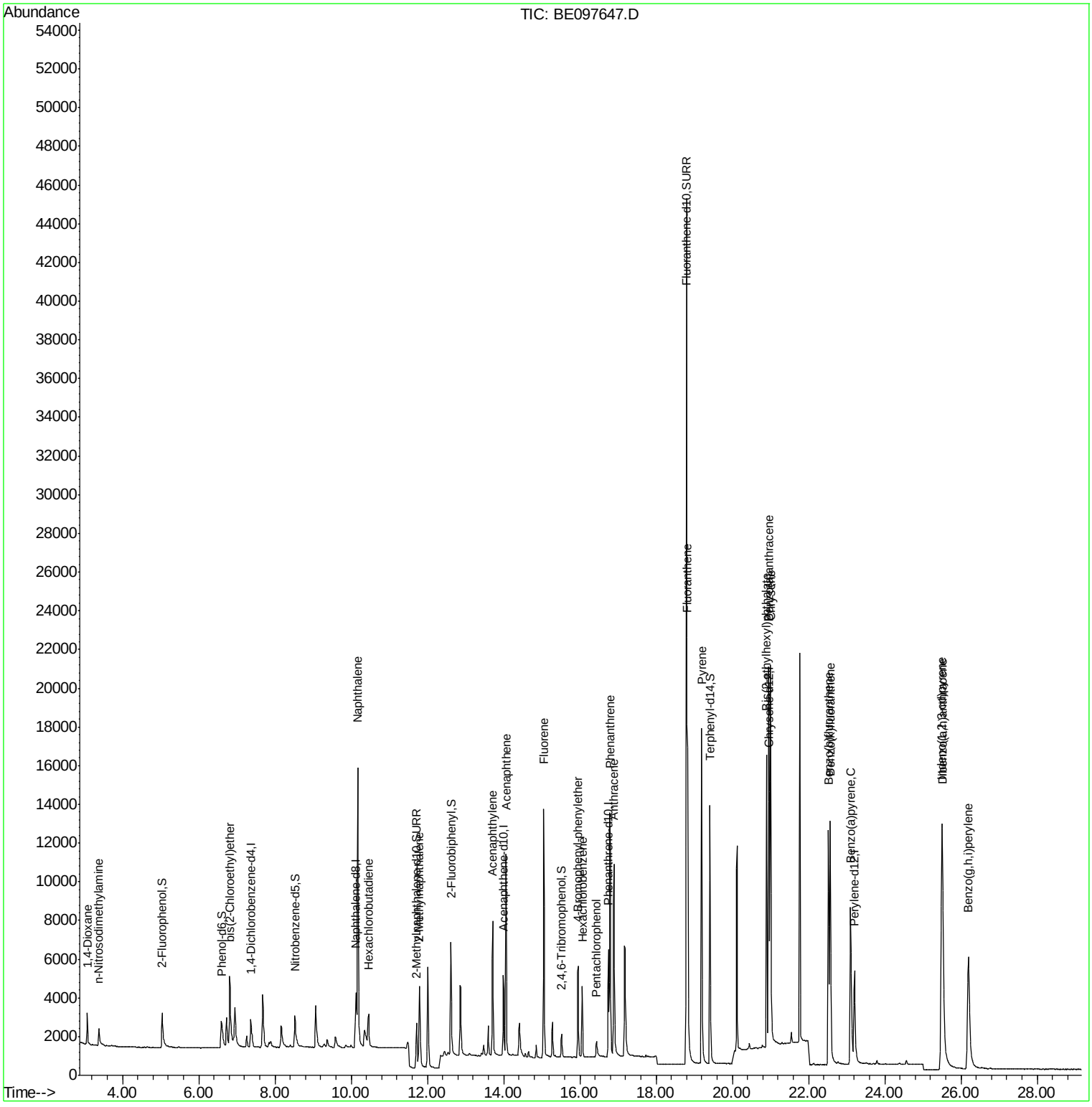
(#) = qualifier out of range (m) = manual integration (+) = signals summed

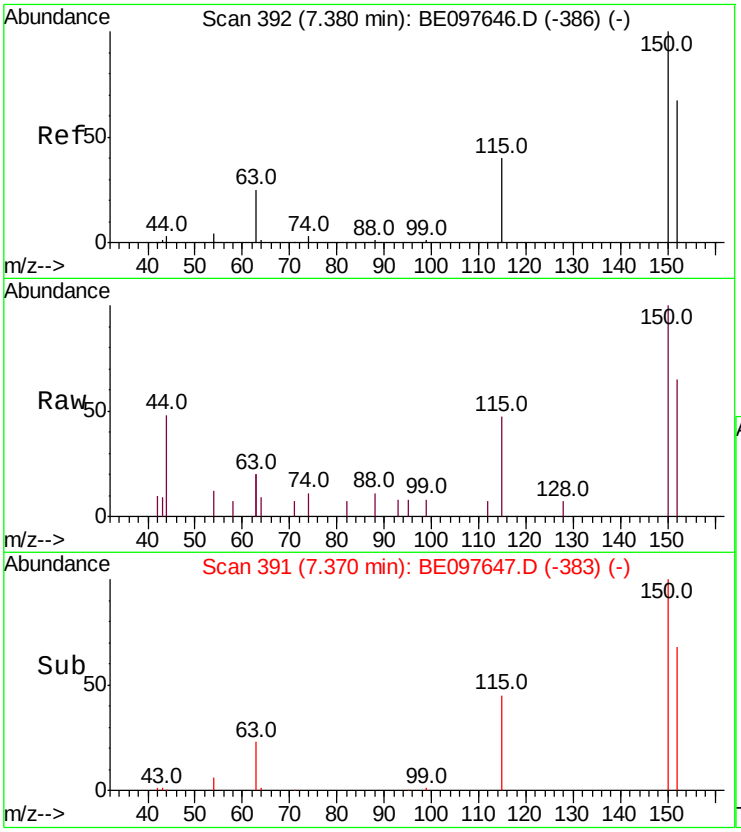
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092418\
Data File : BE097647.D
Acq On : 24 Sep 2018 16:20
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 24 17:03:54 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 16:35:57 2018
Response via : Initial Calibration



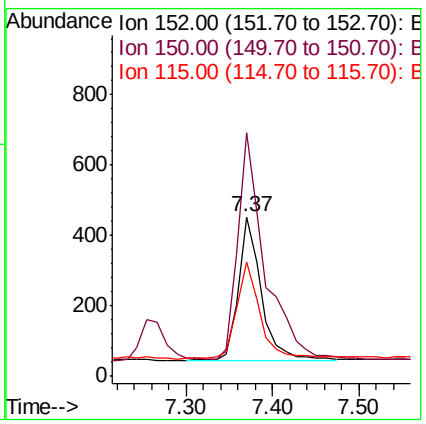


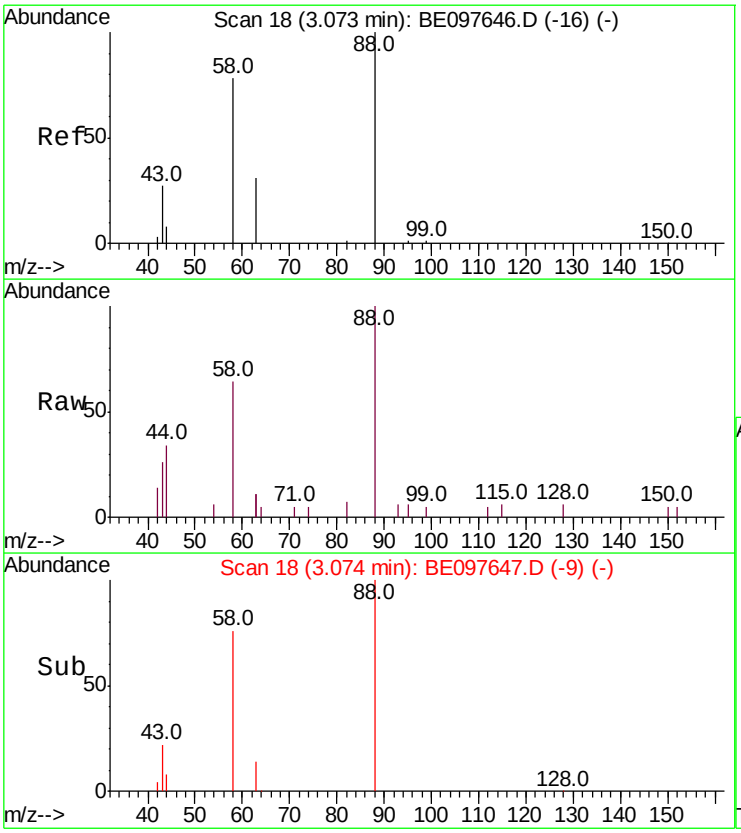
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 744

Ion	Ratio	Lower	Upper
152	100		
150	152.8	117.2	175.8
115	71.7	57.0	85.6

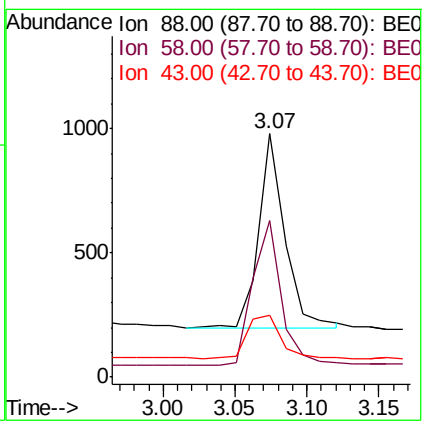


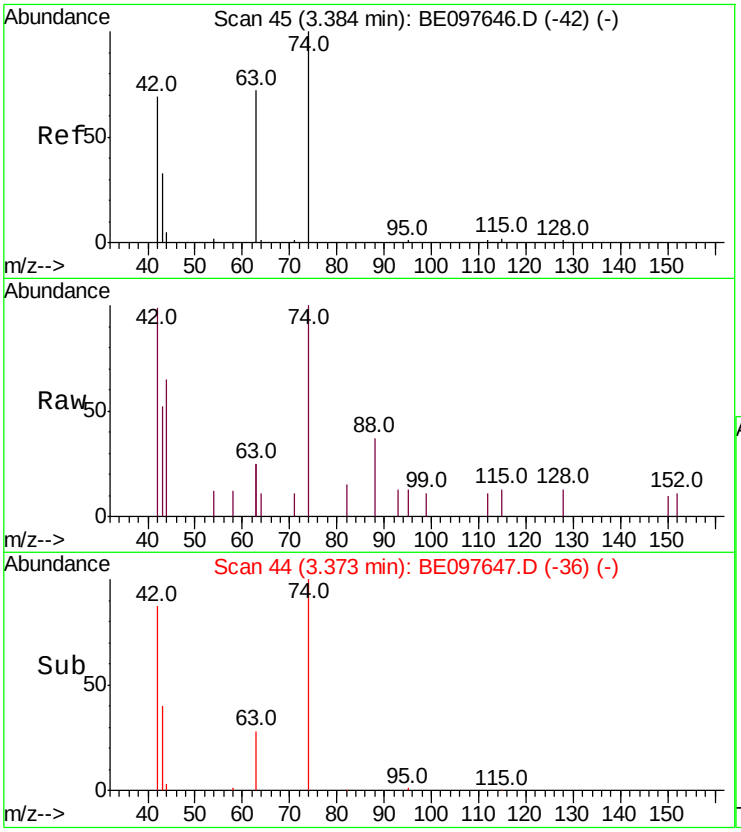


#2
1,4-Dioxane
Concen: 0.741 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion: 88 Resp: 975

Ion	Ratio	Lower	Upper
88	100		
58	82.7	63.2	94.8
43	28.4	41.2	61.8#



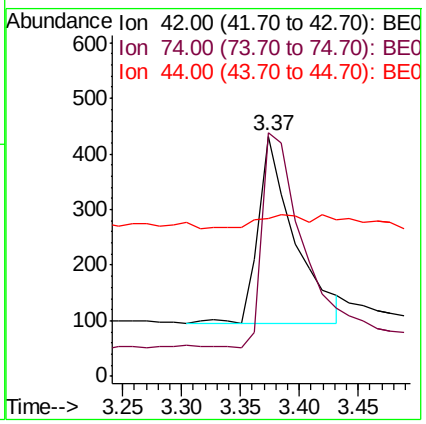


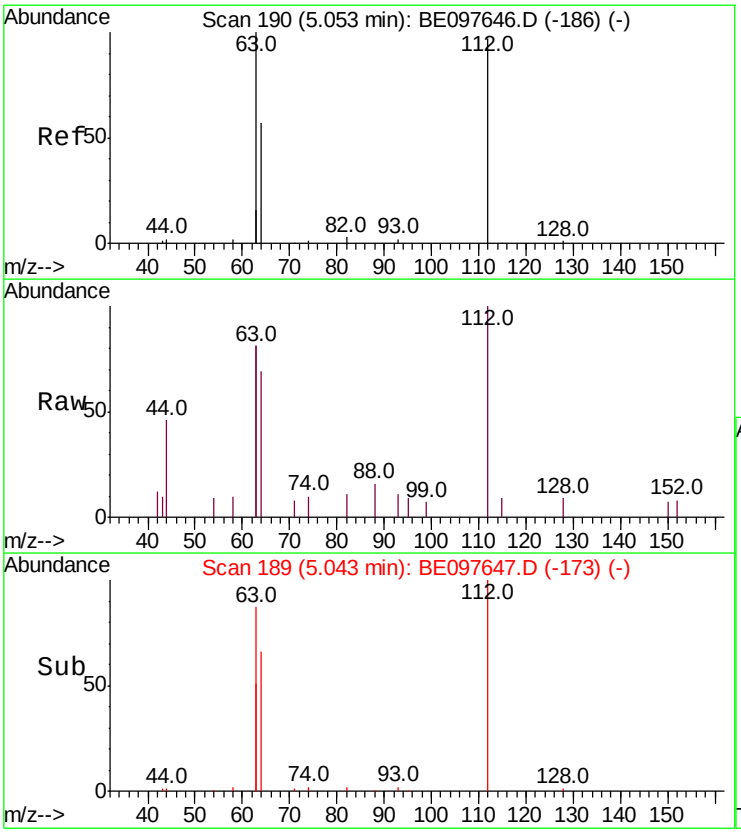
#3
n-Nitrosodimethylamine
Concen: 0.620 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 720

Ion	Ratio	Lower	Upper
42	100		
74	126.7	96.0	144.0
44	8.2	12.0	18.0#

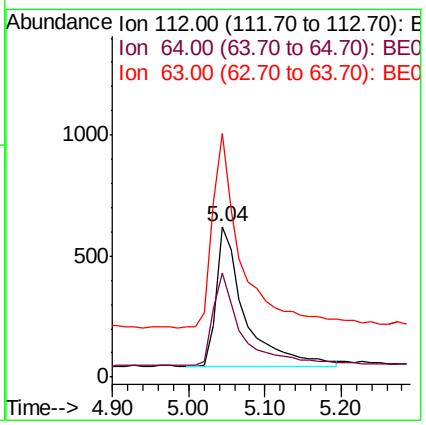


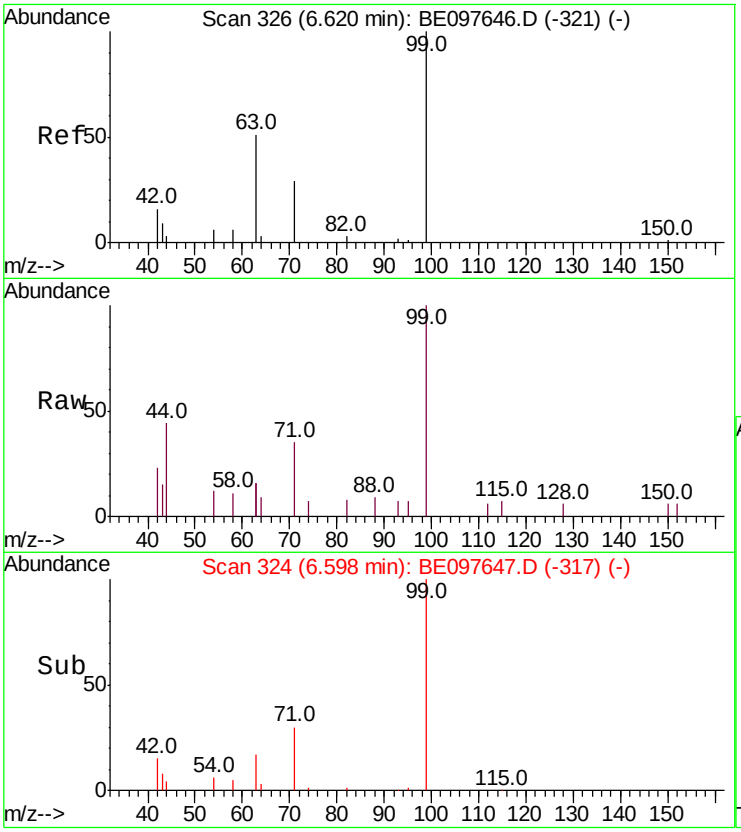


#4
2-Fluorophenol
Concen: 0.674 ng
RT: 5.04 min Scan# 189
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:112 Resp: 1502

Ion	Ratio	Lower	Upper
112	100		
64	67.3	60.1	90.1
63	141.8	116.8	175.2



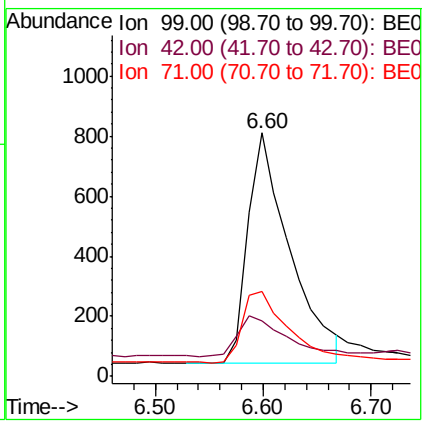


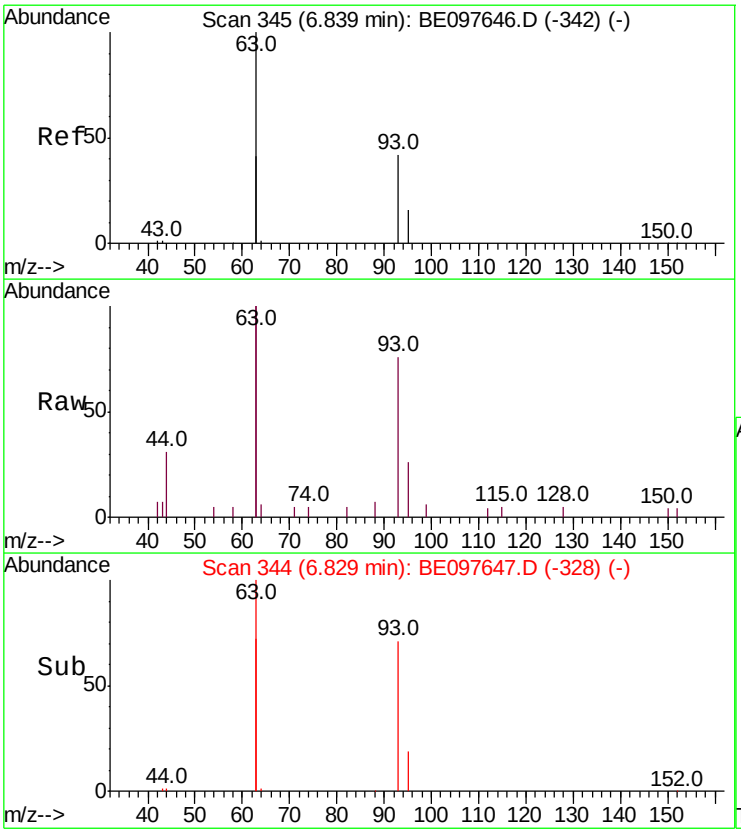
#5
Phenol-d6
Concen: 0.727 ng
RT: 6.60 min Scan# 324
Delta R.T. -0.02 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 2072

Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.2	30.2#
71	33.5	28.4	42.6

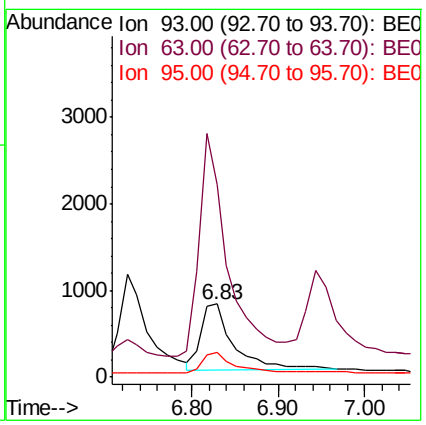


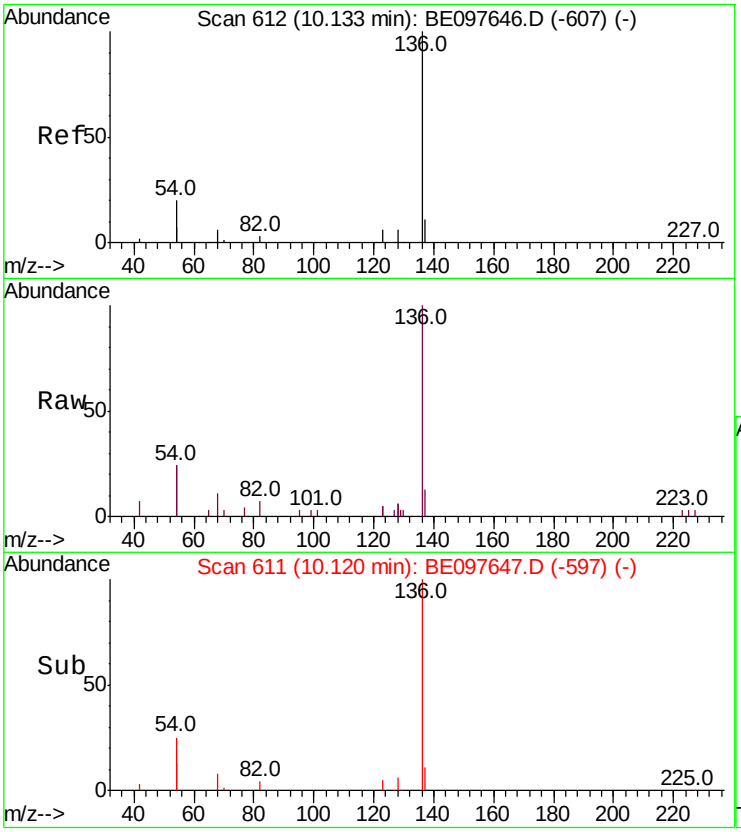


#6
bis(2-Chloroethyl)ether
Concen: 0.773 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion: 93 Resp: 2045

Ion	Ratio	Lower	Upper
93	100		
63	285.3	275.3	412.9
95	31.7	25.2	37.8



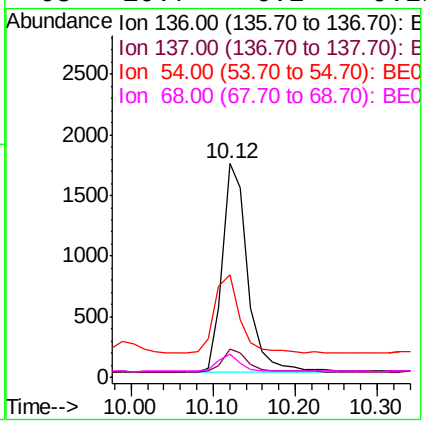


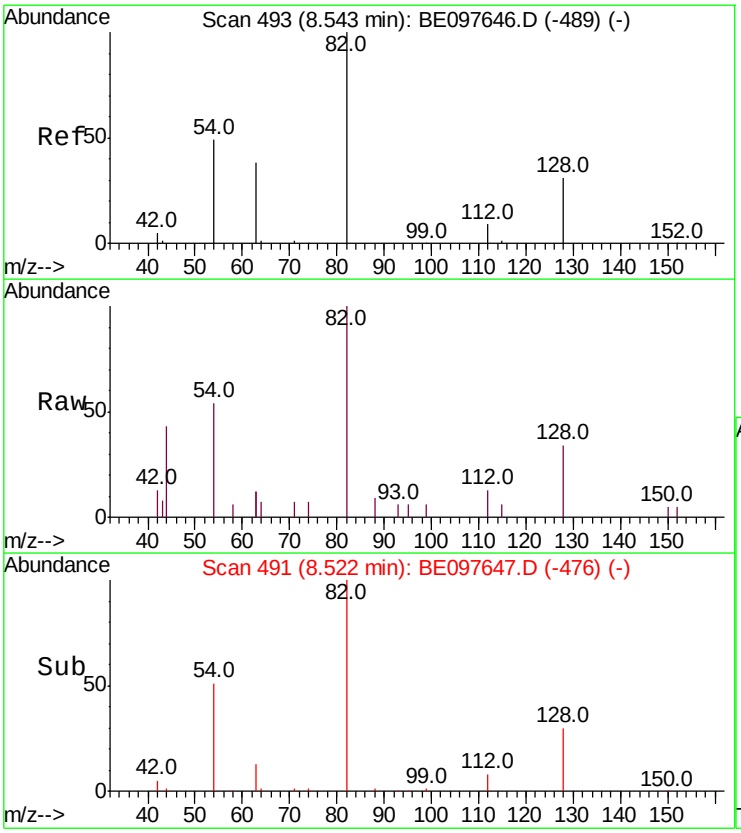
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 3682

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	48.0	29.1	43.7#
68	10.7	6.2	9.2#

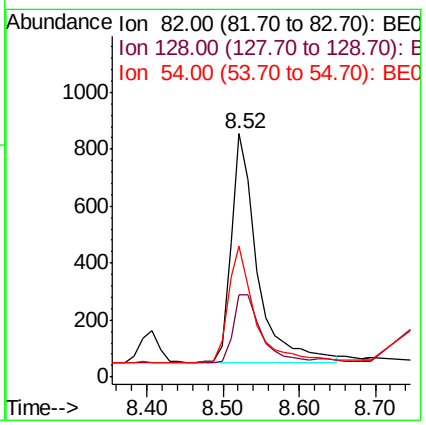


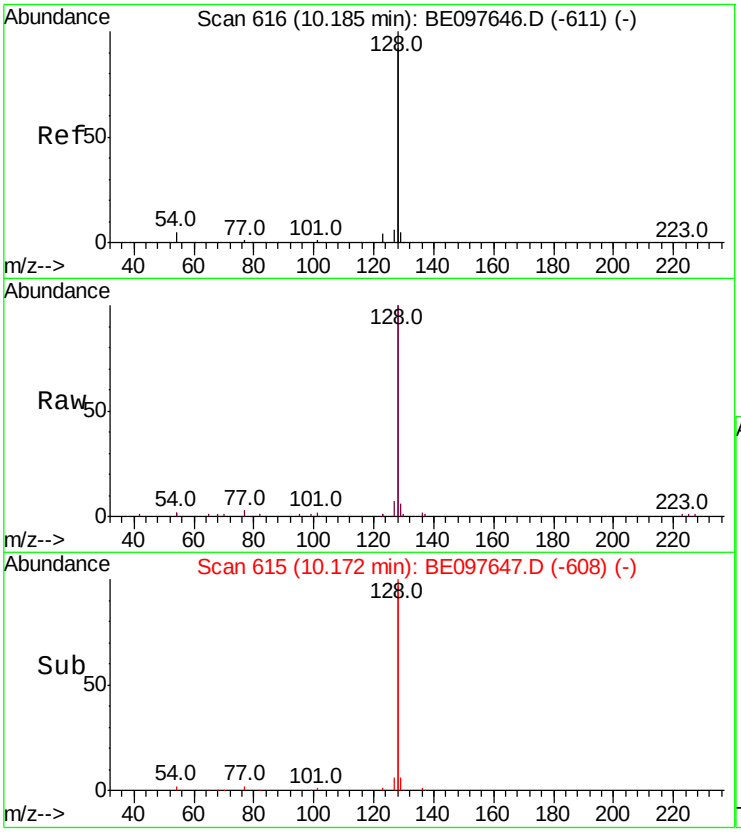


#8
Nitrobenzene-d5
Concen: 0.685 ng
RT: 8.52 min Scan# 491
Delta R.T. -0.02 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion: 82 Resp: 1949

Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.0	36.0
54	53.7	40.0	60.0



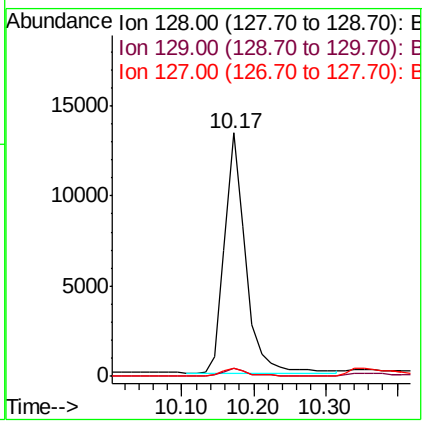


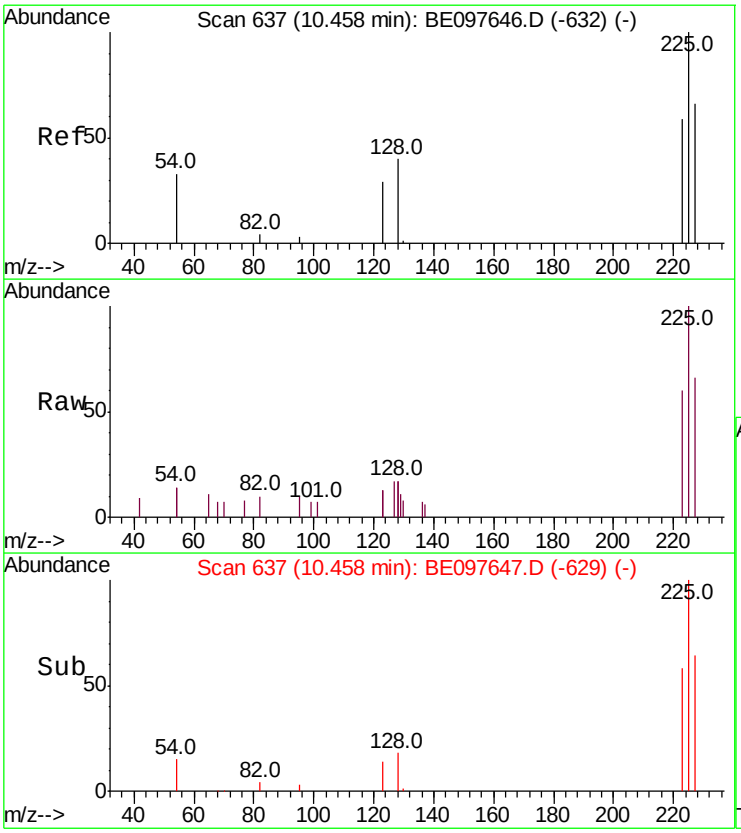
#9
Naphthalene
Concen: 0.811 ng
RT: 10.17 min Scan# 615
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 26894

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.4	2.8	4.2

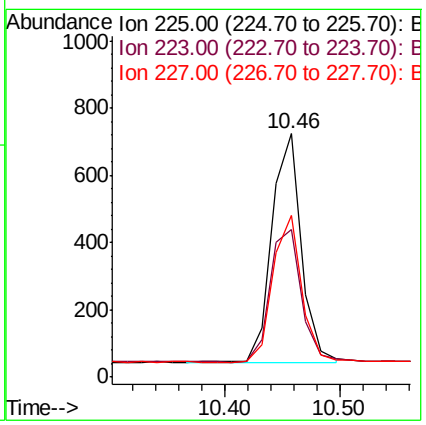


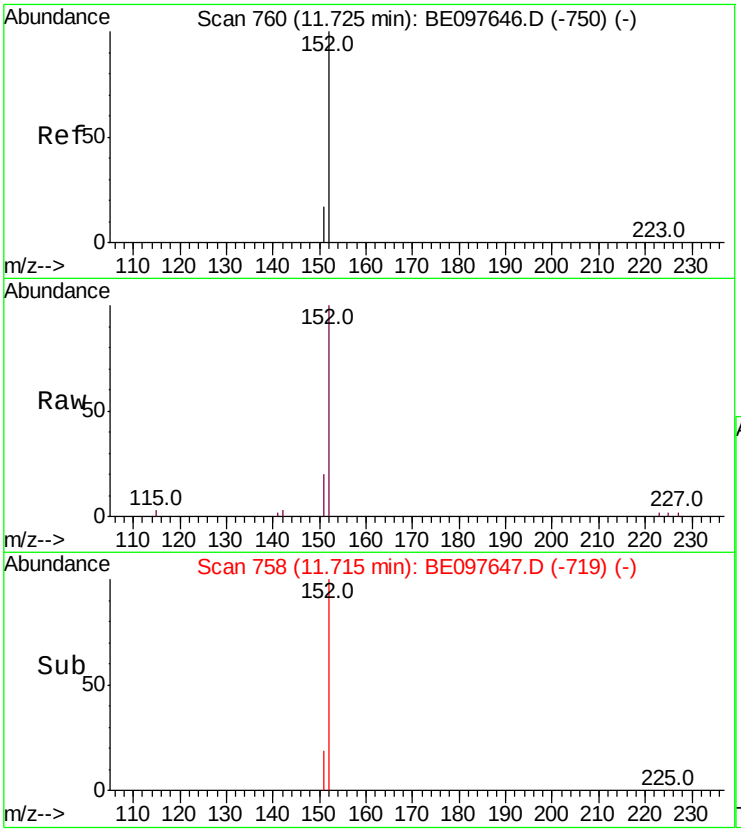


#10
Hexachlorobutadiene
Concen: 0.796 ng
RT: 10.46 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:225 Resp: 1217

Ion	Ratio	Lower	Upper
225	100		
223	62.0	53.0	79.6
227	63.4	51.4	77.2



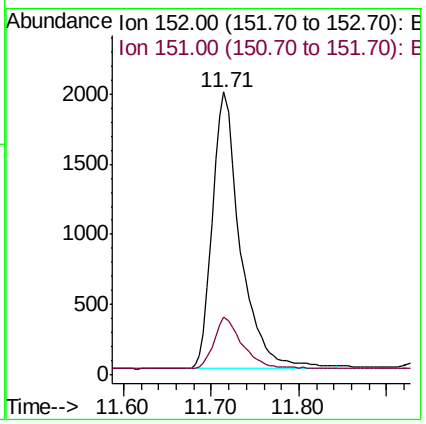


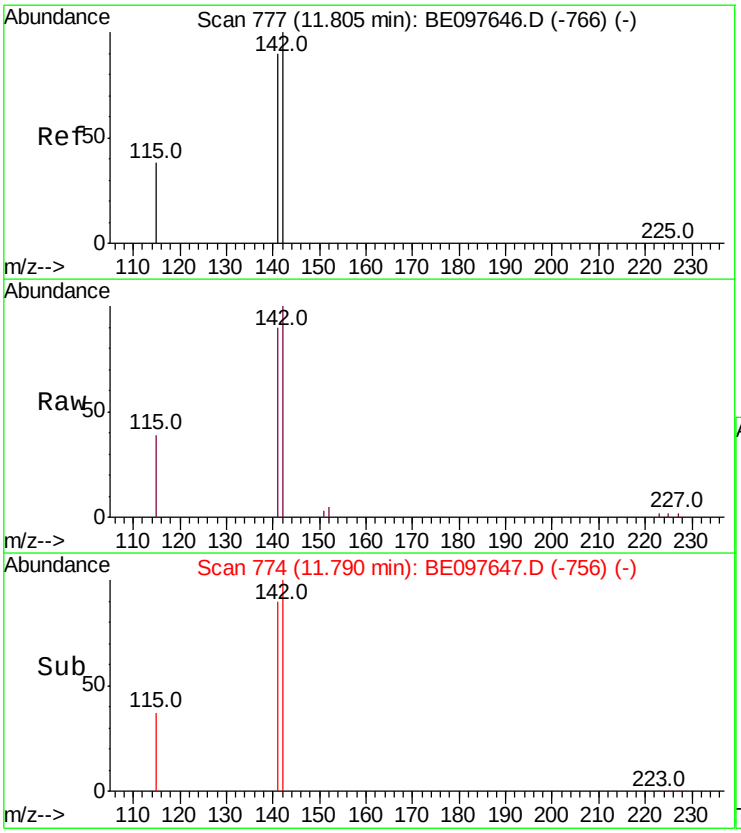
#11
2-Methylnaphthalene-d10
Concen: 0.859 ng
RT: 11.71 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 4360

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

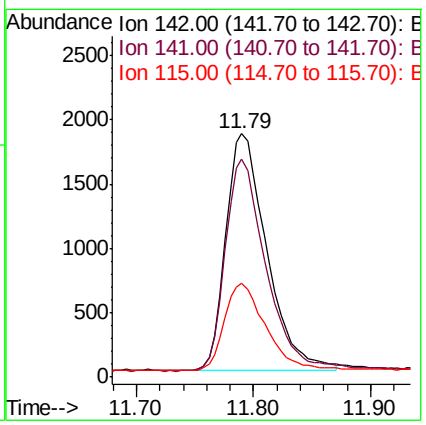


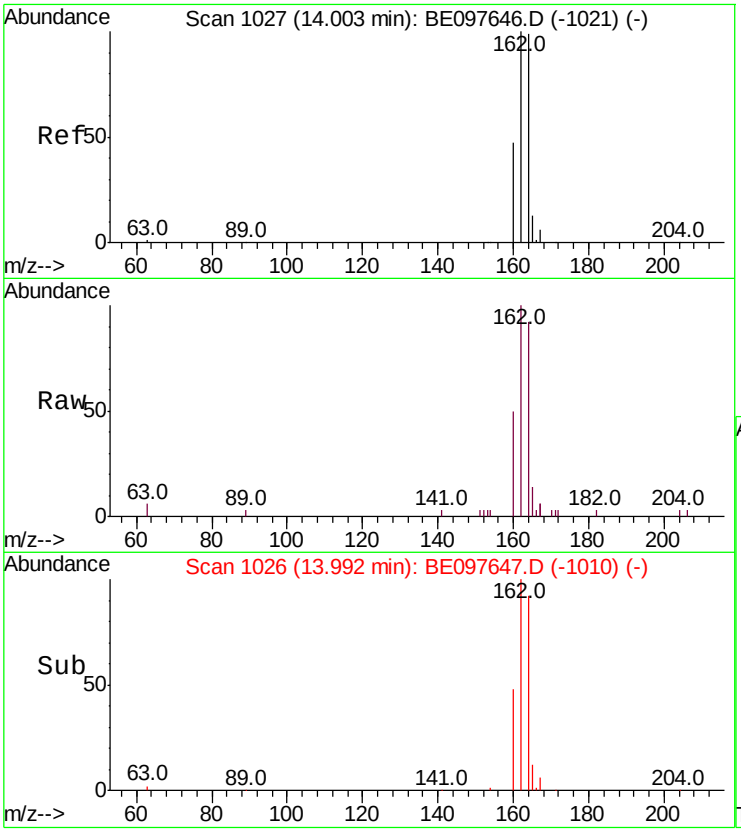


#12
2-Methylnaphthalene
Concen: 0.861 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:142 Resp: 4453

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.4	105.6
115	38.6	31.7	47.5



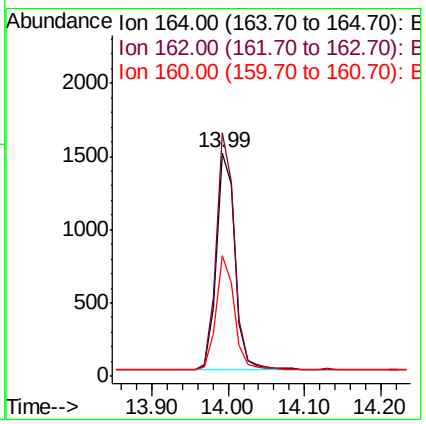


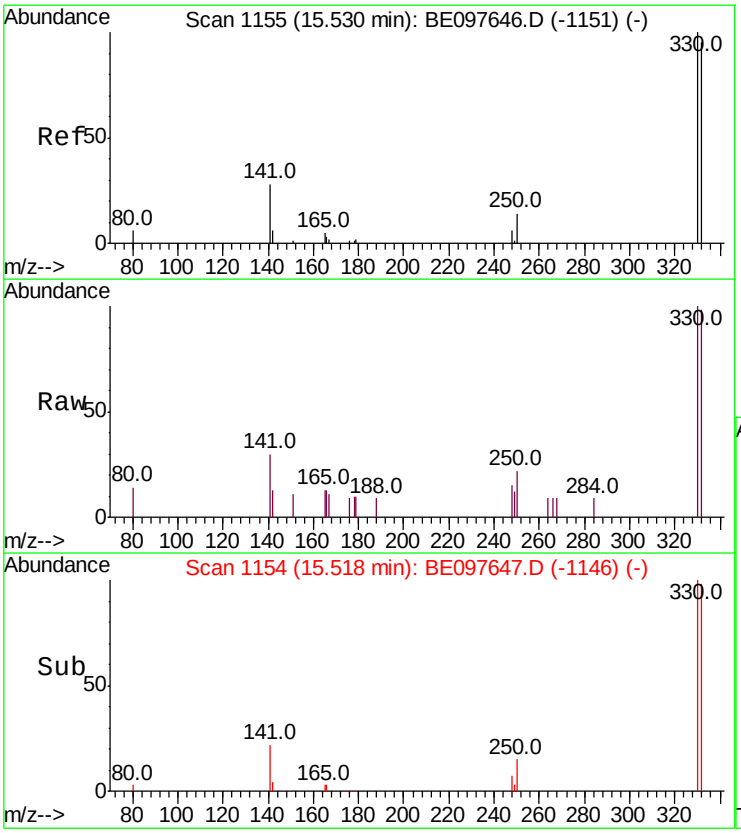
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.99 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 2535

Ion	Ratio	Lower	Upper
164	100		
162	108.9	83.1	124.7
160	54.2	37.1	55.7

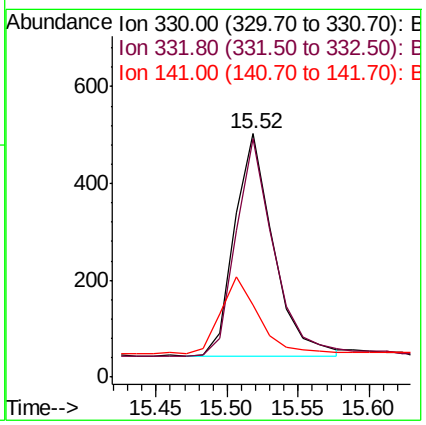


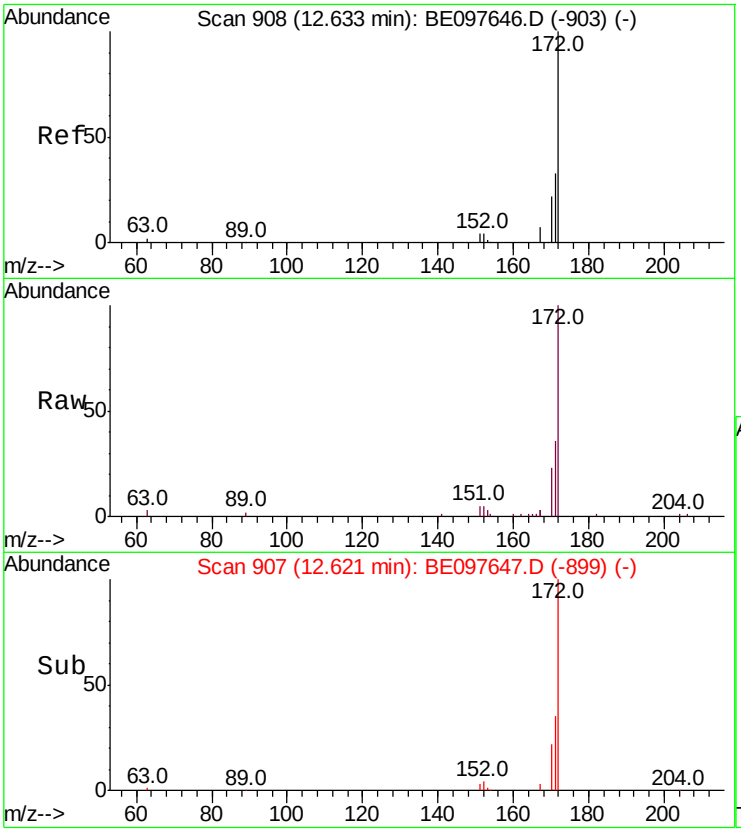


#14
2,4,6-Tribromophenol
Concen: 0.827 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:330 Resp: 871

Ion	Ratio	Lower	Upper
330	100		
332	95.1	152.7	229.1#
141	33.4	33.7	50.5#



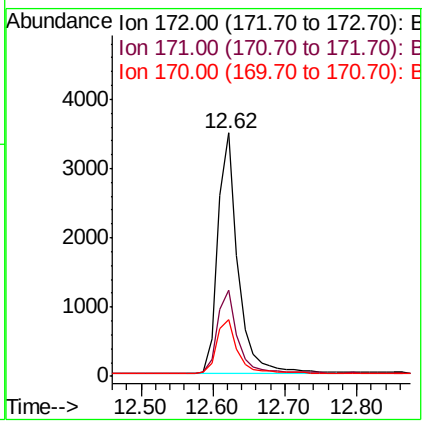


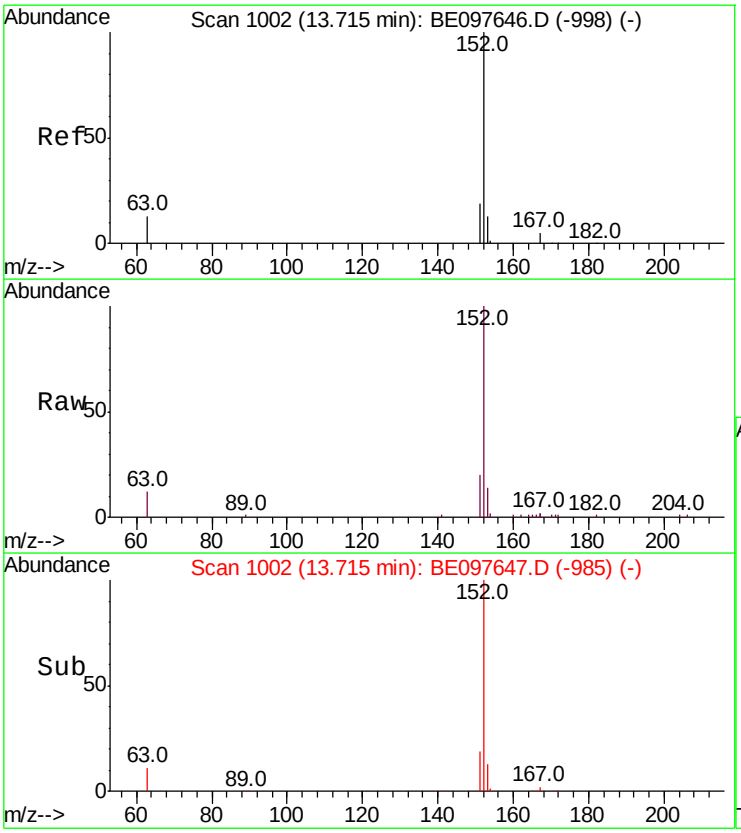
#15
2-Fluorobiphenyl
Concen: 0.755 ng
RT: 12.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 6761

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	23.2	21.8	32.8

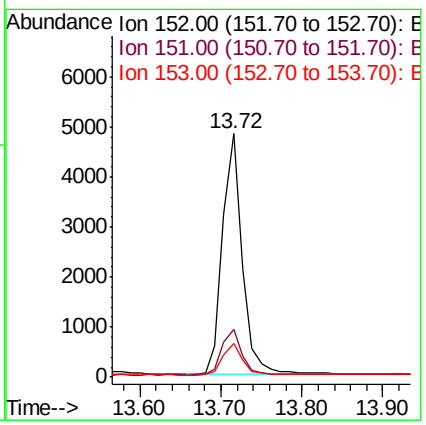


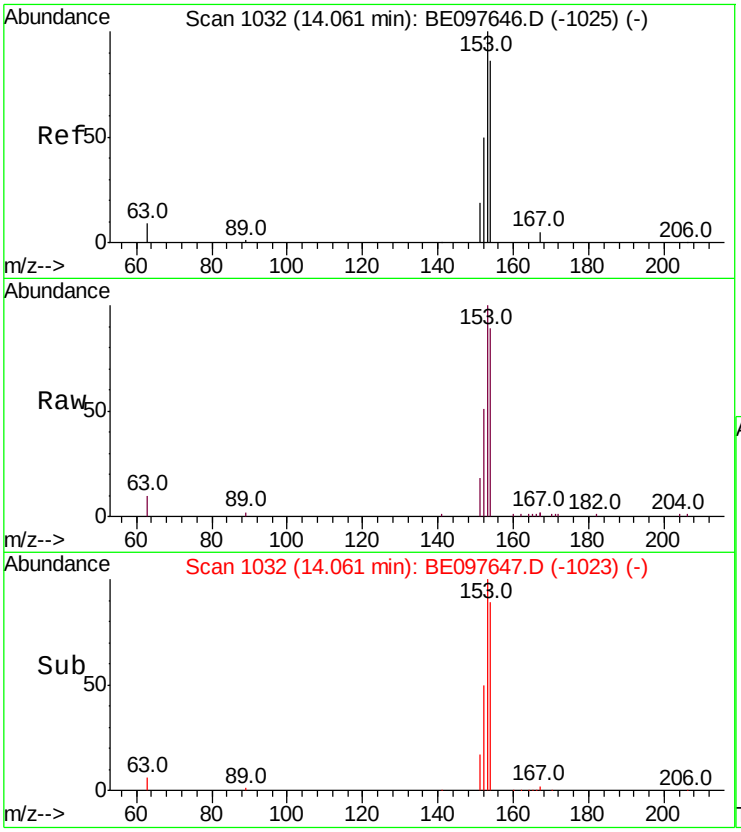


#16
Acenaphthylene
Concen: 0.818 ng
RT: 13.72 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:152 Resp: 8198

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.3	10.5	15.7



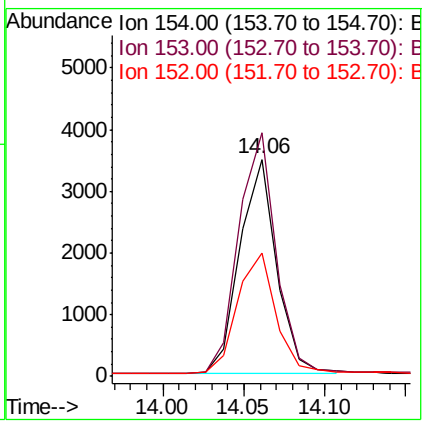


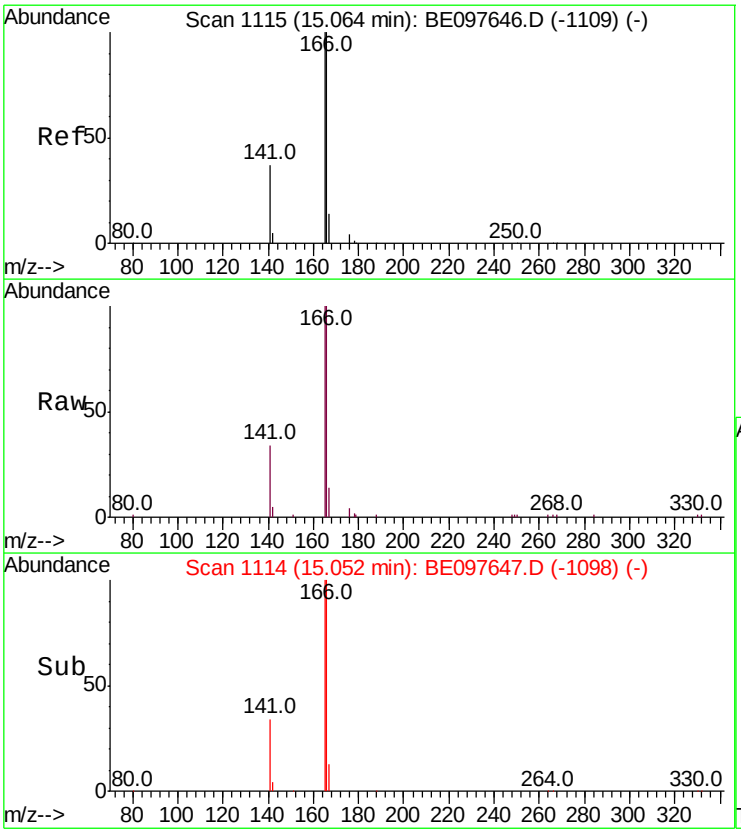
#17
Acenaphthene
Concen: 0.815 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 5479

Ion	Ratio	Lower	Upper
154	100		
153	114.1	89.2	133.8
152	58.4	42.0	63.0

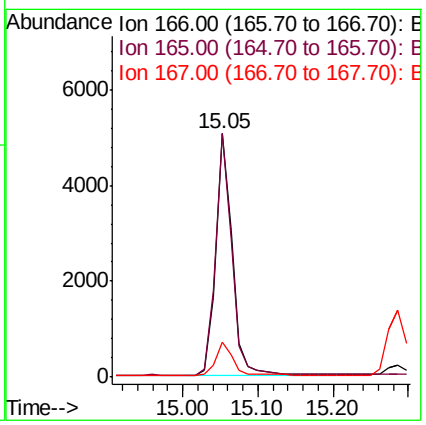


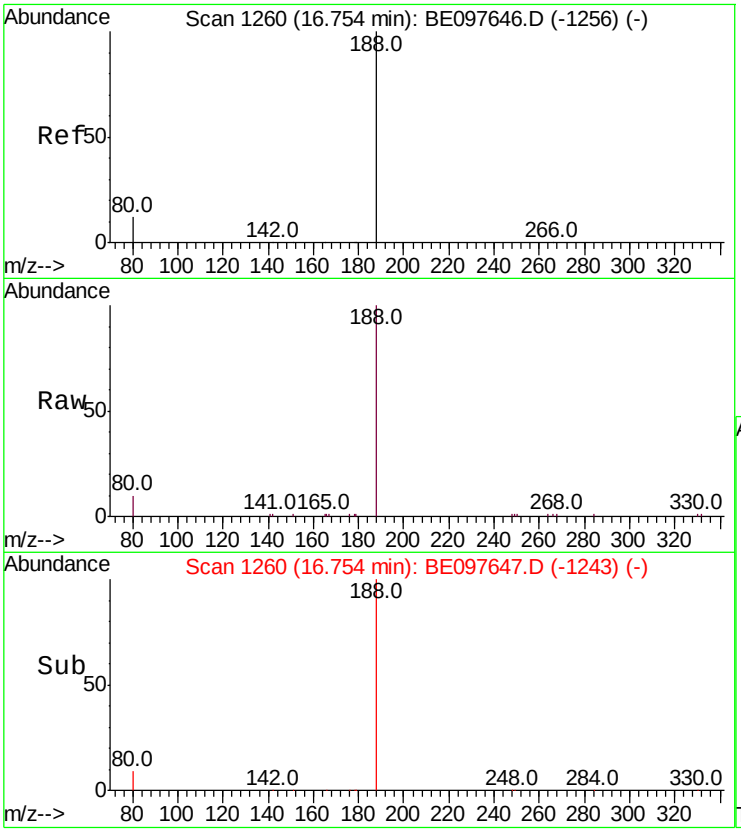


#18
Fluorene
Concen: 0.870 ng
RT: 15.05 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:166 Resp: 7620

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.6
167	13.5	42.4	63.6#



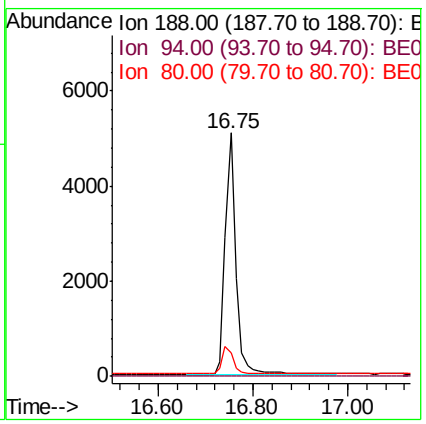


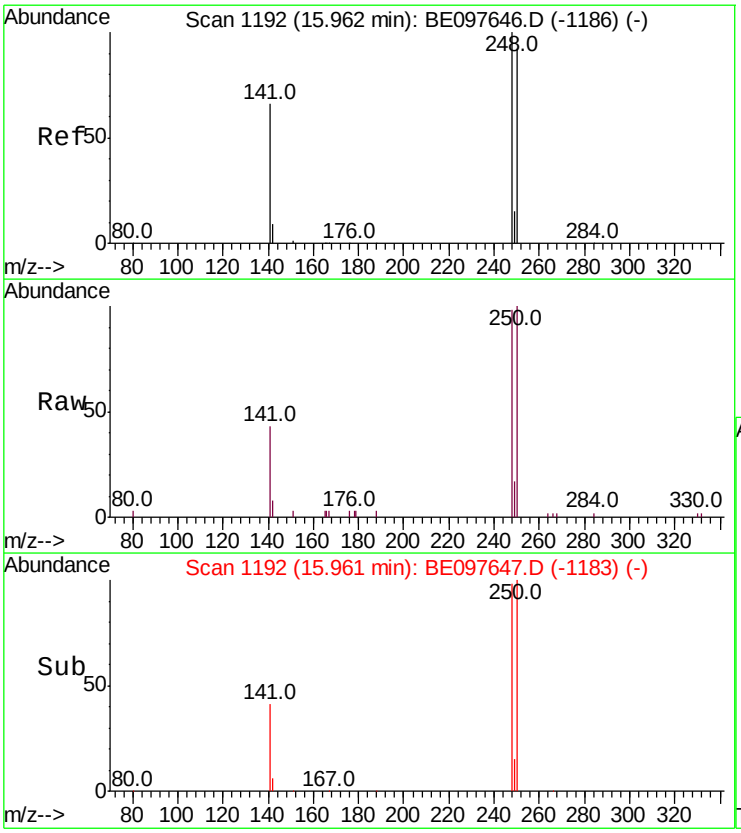
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 7905

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.7	3.6	5.4#

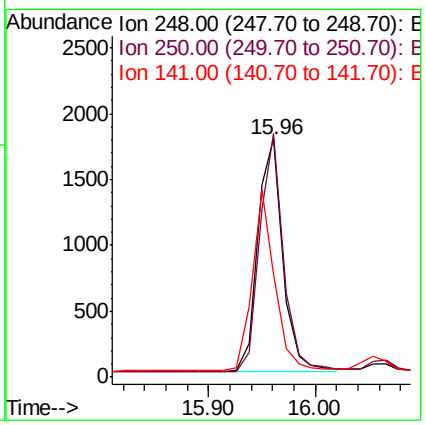


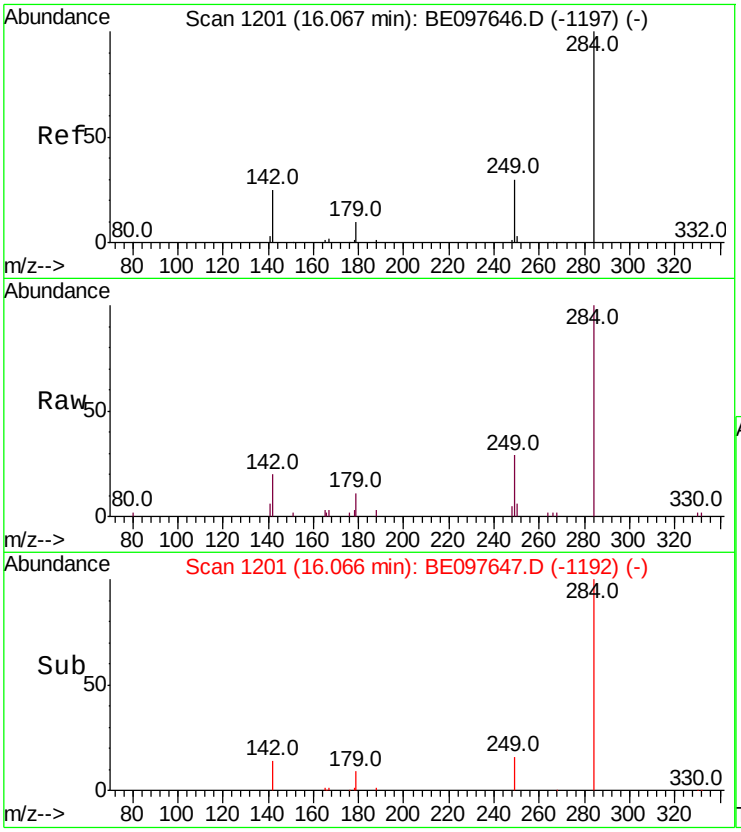


#20
4-Bromophenyl-phenylether
Concen: 0.813 ng
RT: 15.96 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:248 Resp: 2899

Ion	Ratio	Lower	Upper
248	100		
250	102.1	62.7	94.1#
141	43.4	48.2	72.2#



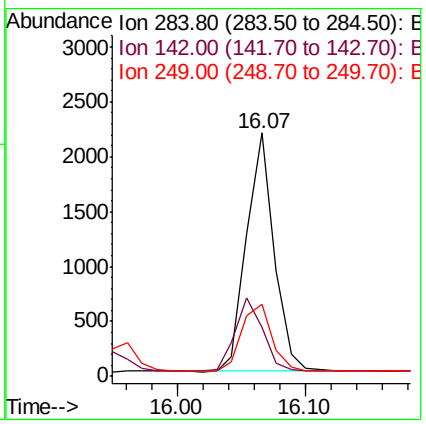


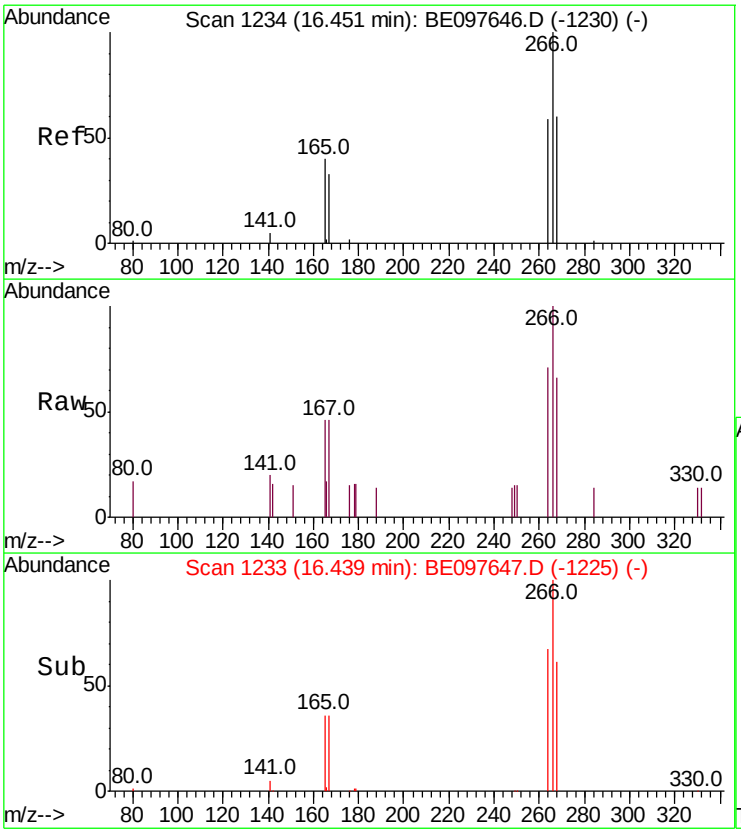
#21
Hexachlorobenzene
Concen: 0.836 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 3276

Ion	Ratio	Lower	Upper
284	100		
142	30.6	22.1	33.1
249	30.3	34.8	52.2#

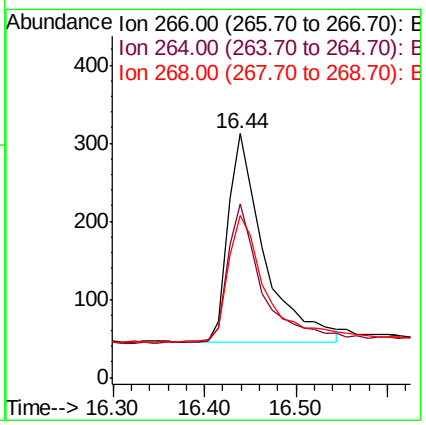


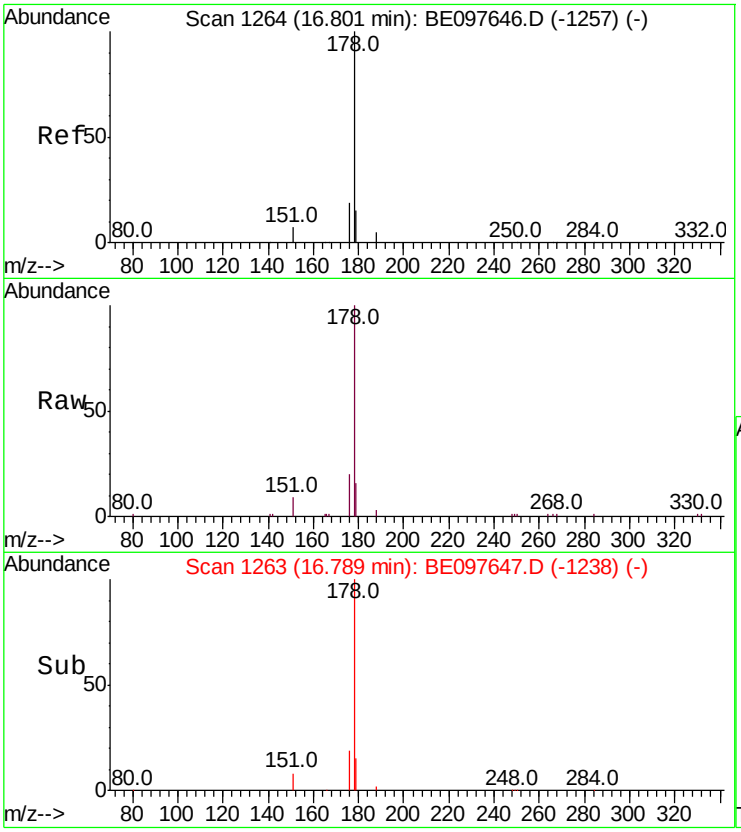


#22
Pentachlorophenol
Concen: 0.537 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:266 Resp: 736

Ion	Ratio	Lower	Upper
266	100		
264	71.5	72.5	108.7#
268	66.3	73.8	110.6#



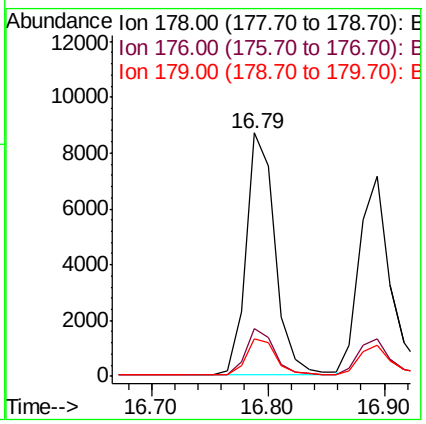


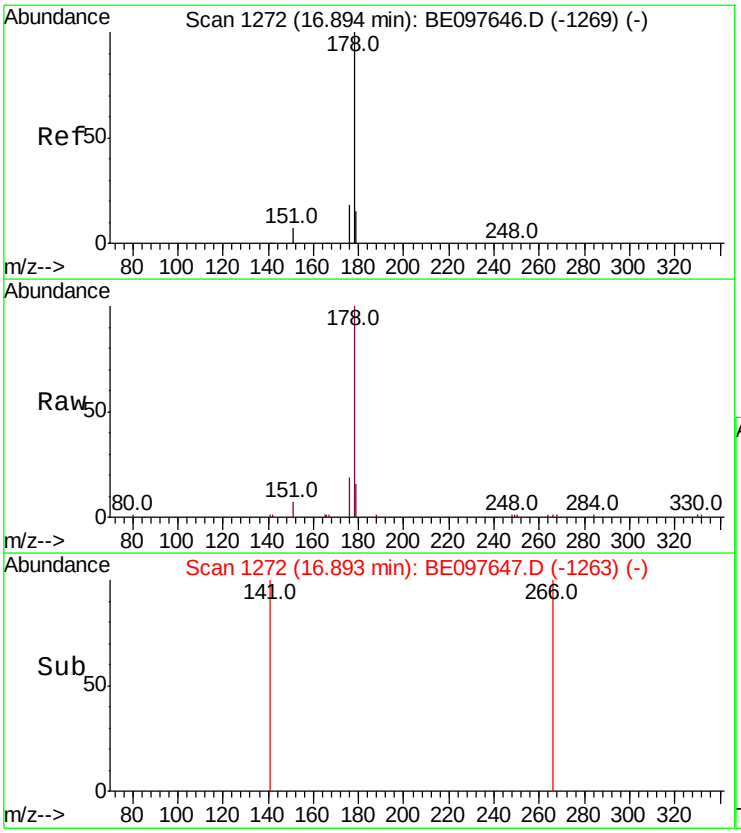
#23
Phenanthrene
Concen: 0.806 ng
RT: 16.79 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 15134

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	11.8	17.6

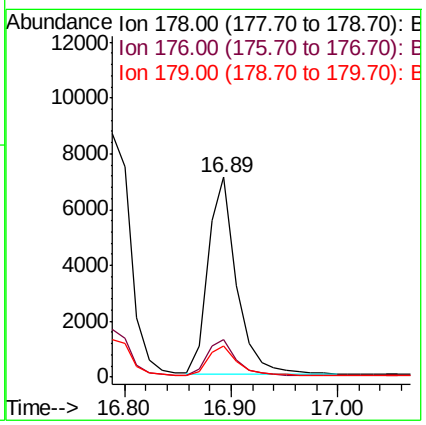


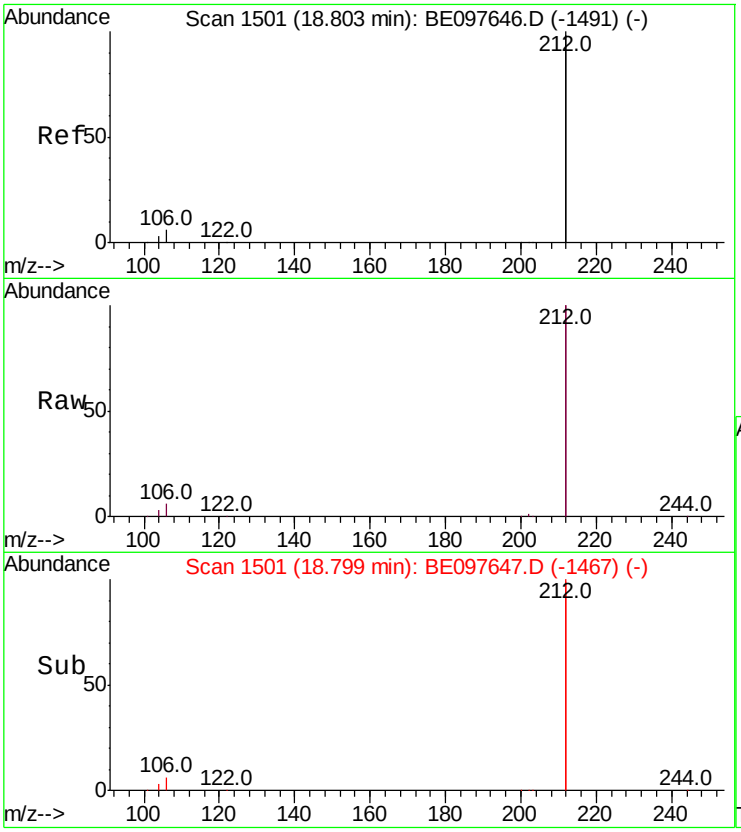


#24
Anthracene
Concen: 0.785 ng
RT: 16.89 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:178 Resp: 13017

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.4	13.0	19.6



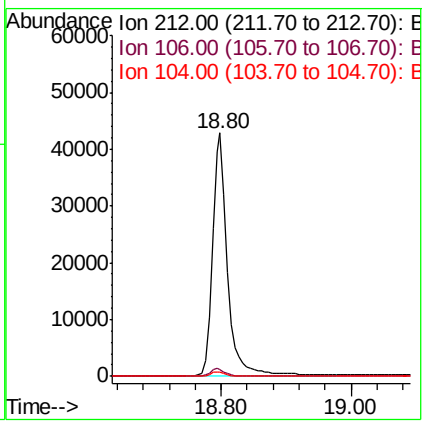


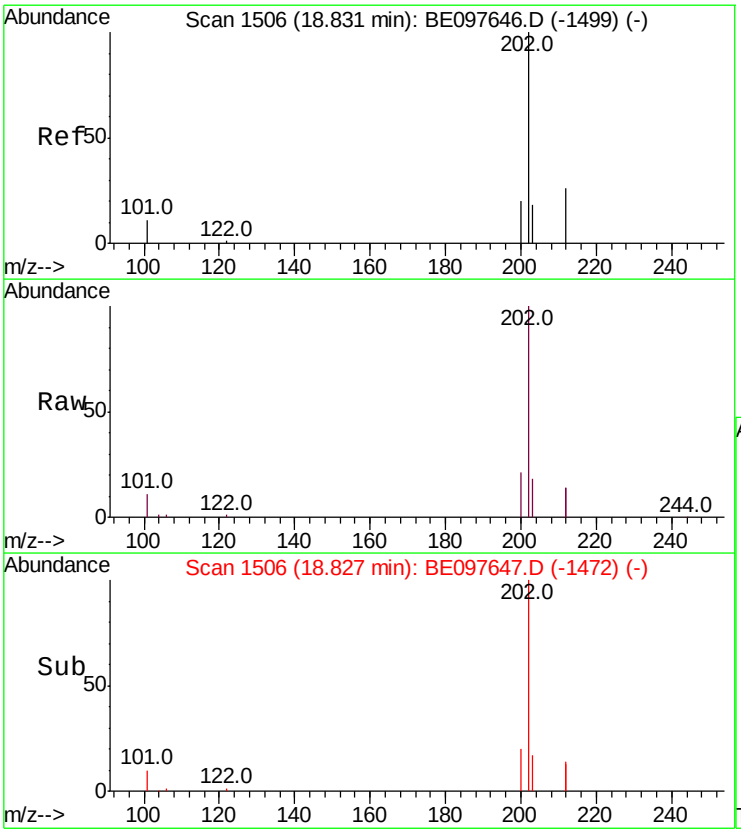
#25
Fluoranthene-d10
Concen: 0.683 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 69106

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.7	1.6	2.4

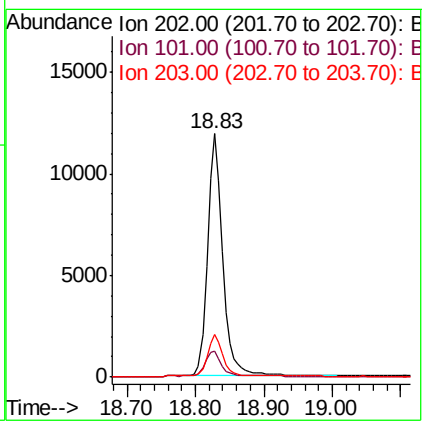


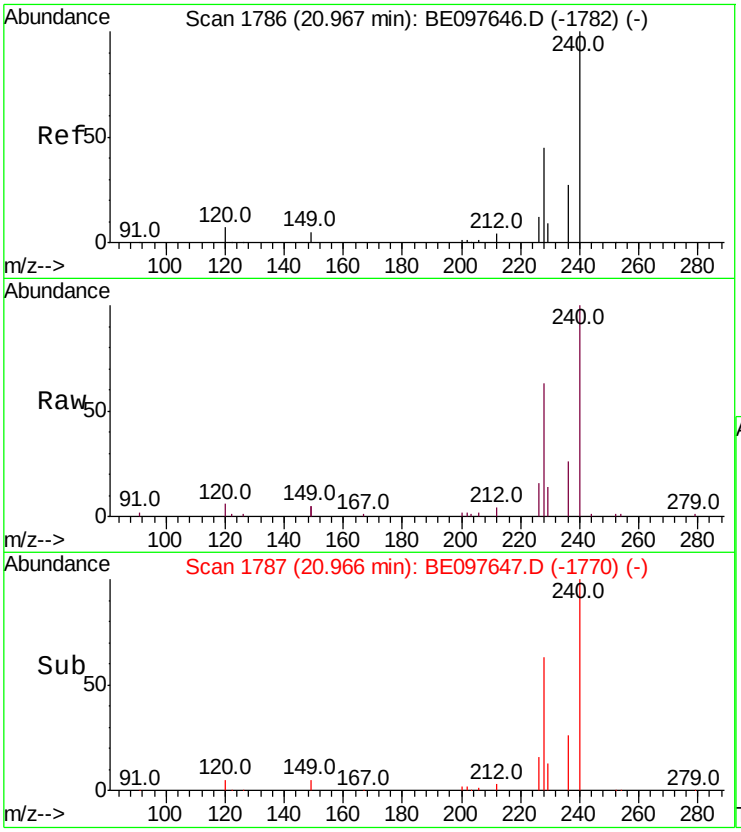


#26
Fluoranthene
Concen: 0.711 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:202 Resp: 18513

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
203	16.9	13.7	20.5



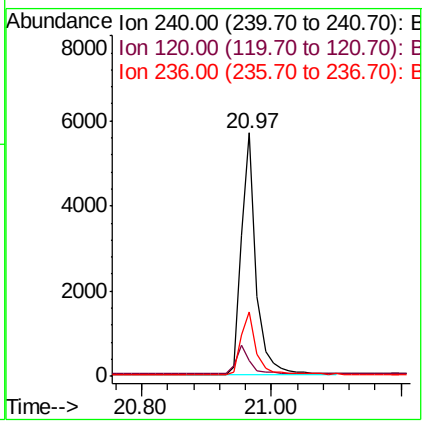


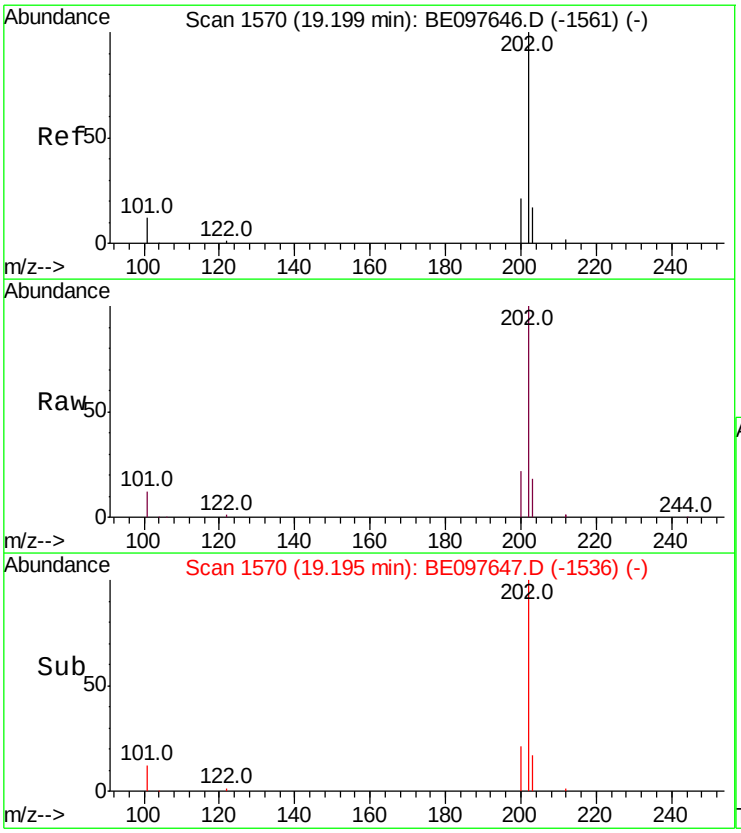
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 8876

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.5	8.3
236	26.5	20.7	31.1

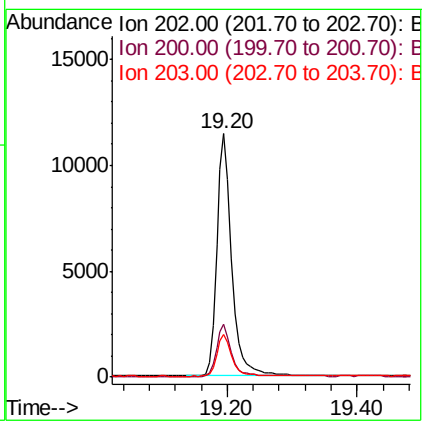


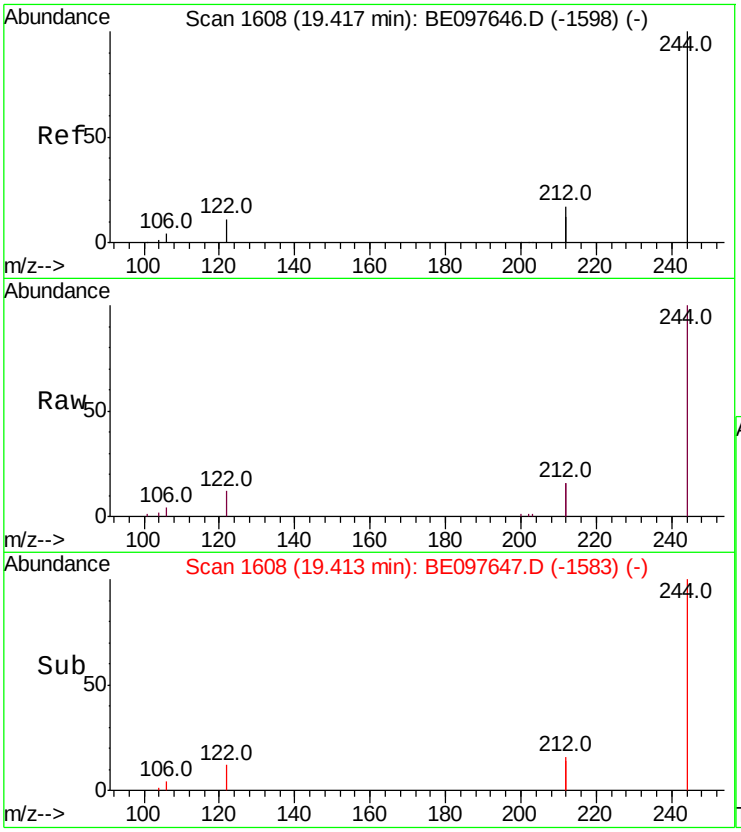


#28
Pyrene
Concen: 0.916 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:202 Resp: 18502

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.3	13.8	20.8



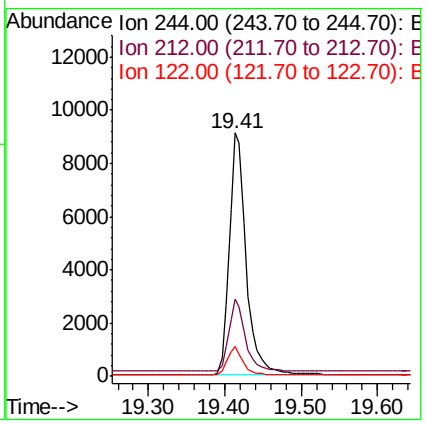


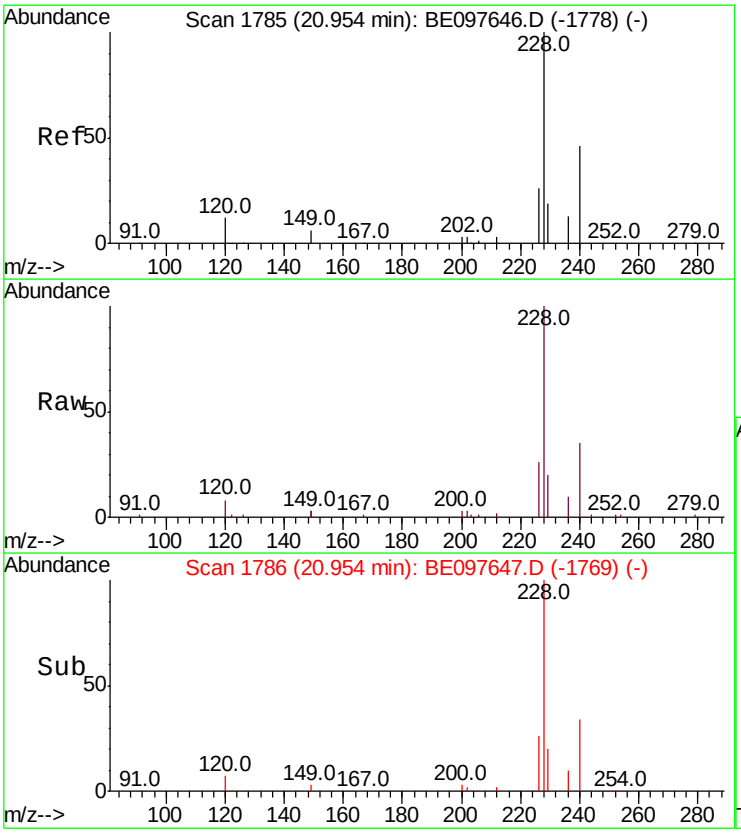
#29
Terphenyl-d14
Concen: 0.872 ng
RT: 19.41 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 14160

Ion	Ratio	Lower	Upper
244	100		
212	31.6	25.4	38.0
122	12.0	8.1	12.1

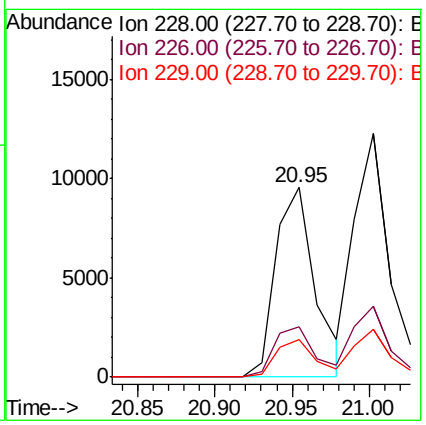


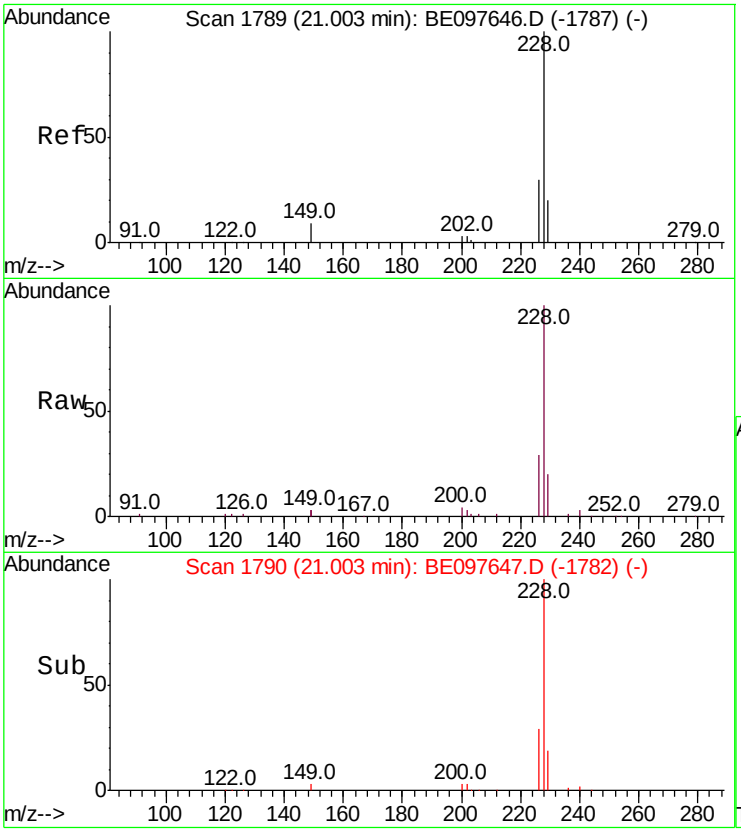


#30
Benzo(a)anthracene
Concen: 0.758 ng
RT: 20.95 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:228 Resp: 16940

Ion	Ratio	Lower	Upper
228	100		
226	26.3	24.0	36.0
229	20.1	16.0	24.0



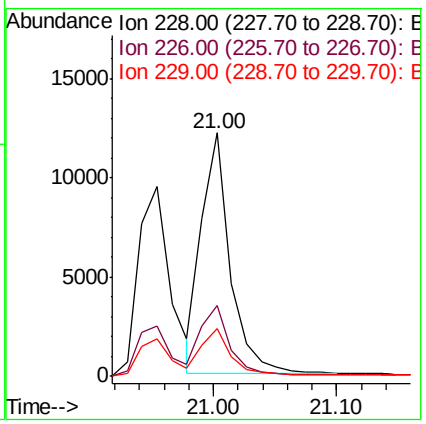


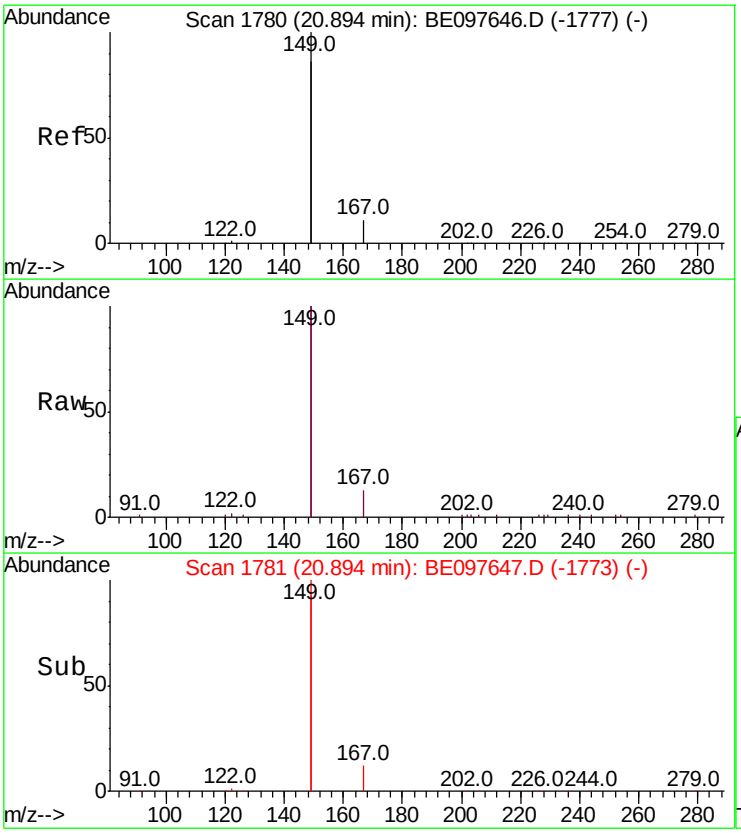
#31
Chrysene
Concen: 0.817 ng
RT: 21.00 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 19586

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	19.7	16.0	24.0

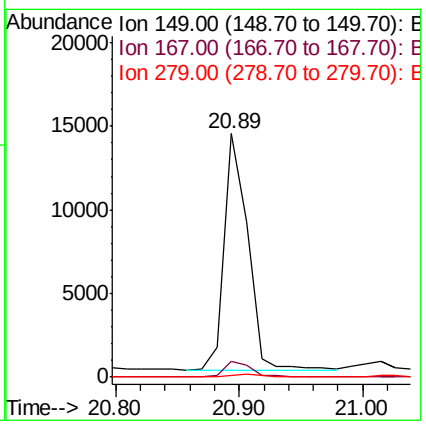


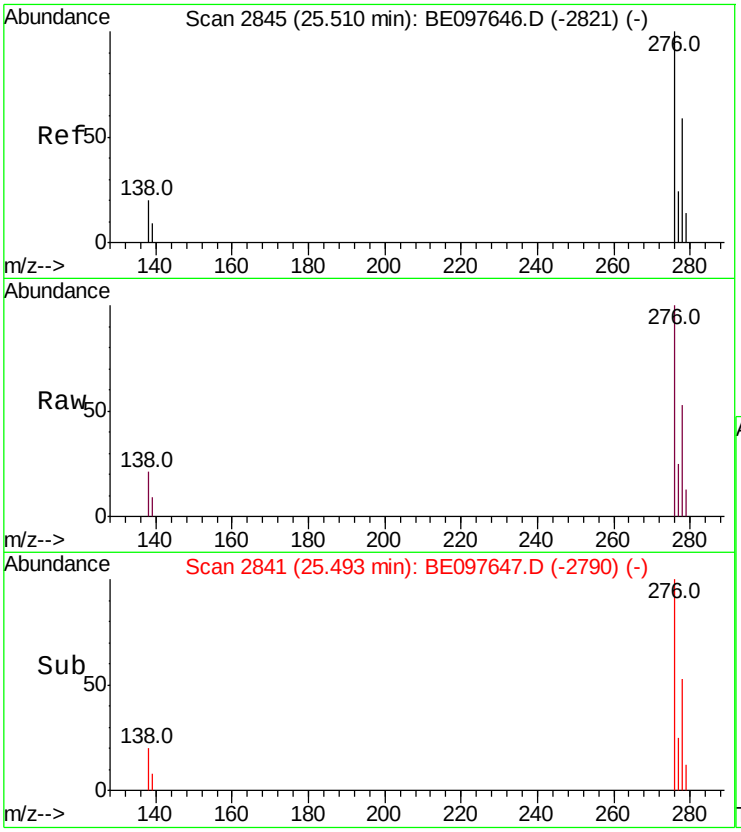


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.419 ng
RT: 20.89 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:149 Resp: 18664

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.1	0.7	1.1



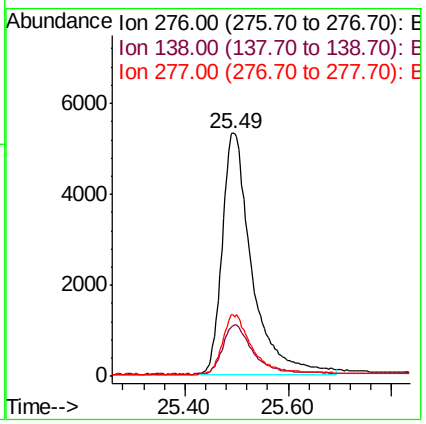


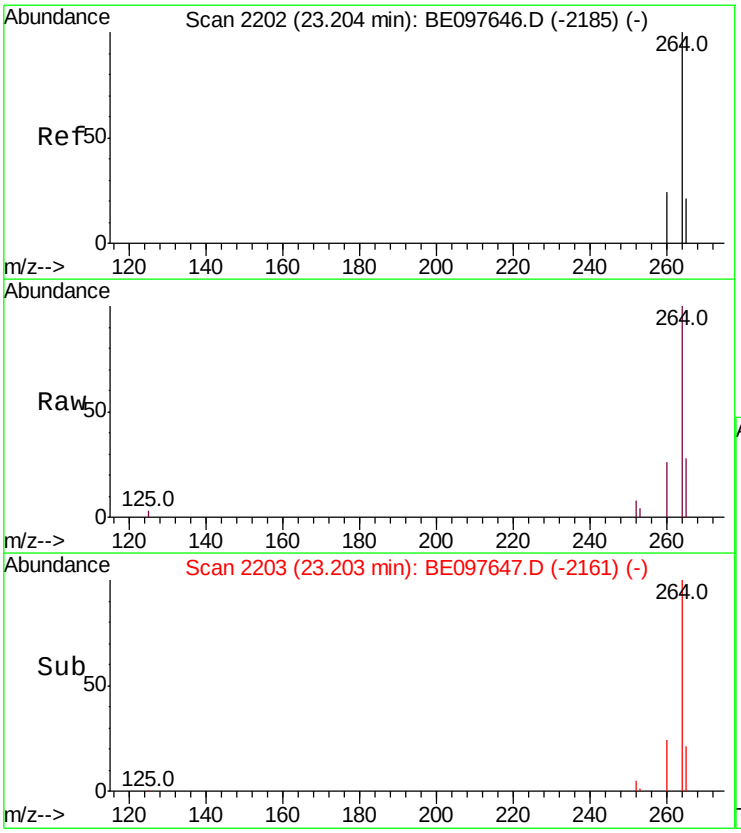
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.732 ng
RT: 25.49 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 21130

Ion	Ratio	Lower	Upper
276	100		
138	20.5	22.5	33.7#
277	25.0	19.9	29.9

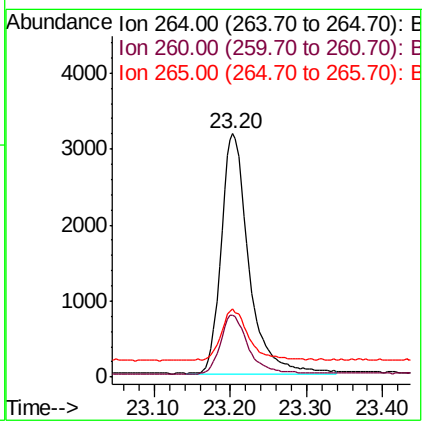


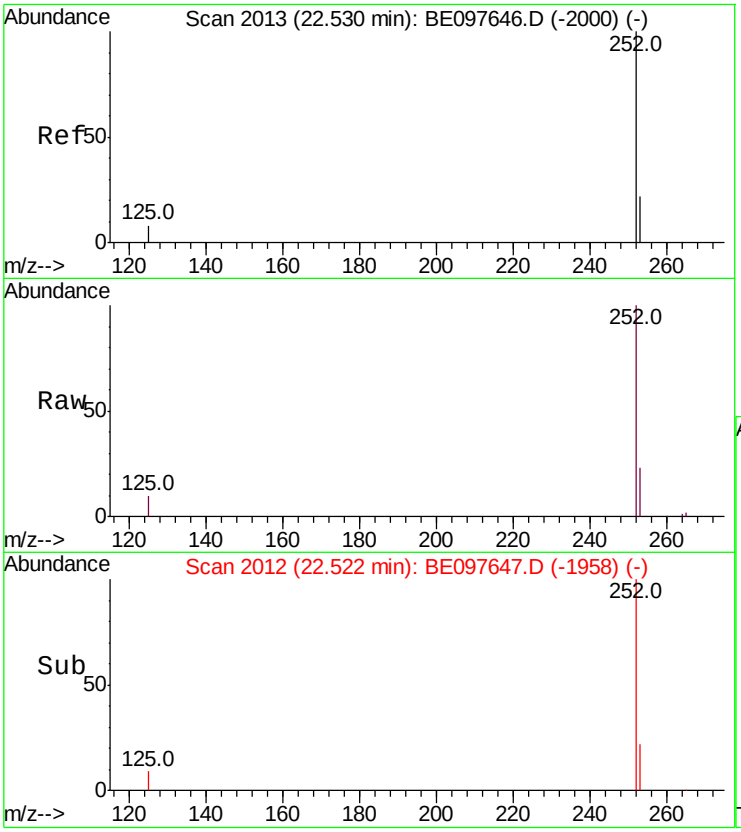


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:264 Resp: 7934

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	28.3	22.8	34.2



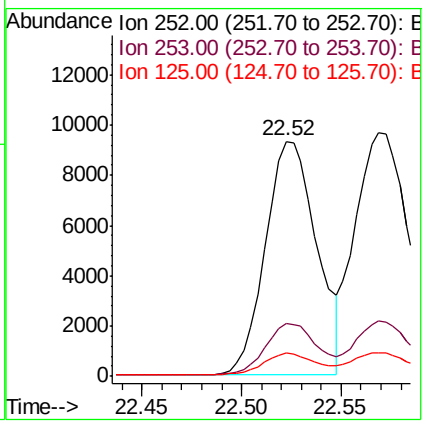


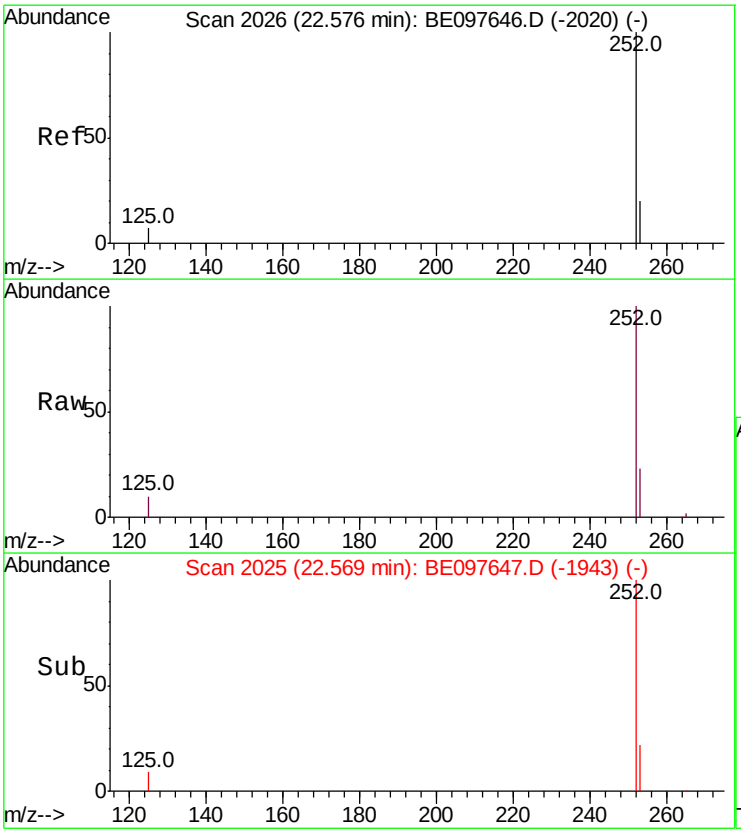
#35
Benzo(b)fluoranthene
Concen: 0.814 ng
RT: 22.52 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 16551

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.0	30.0
125	9.8	16.0	24.0#

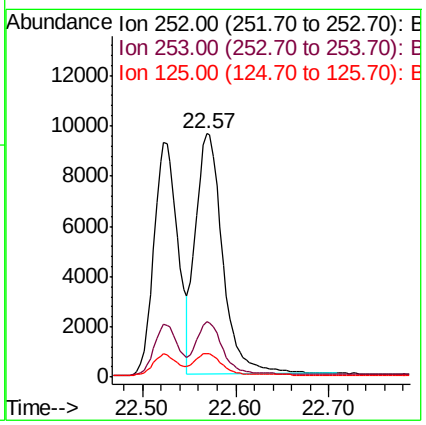


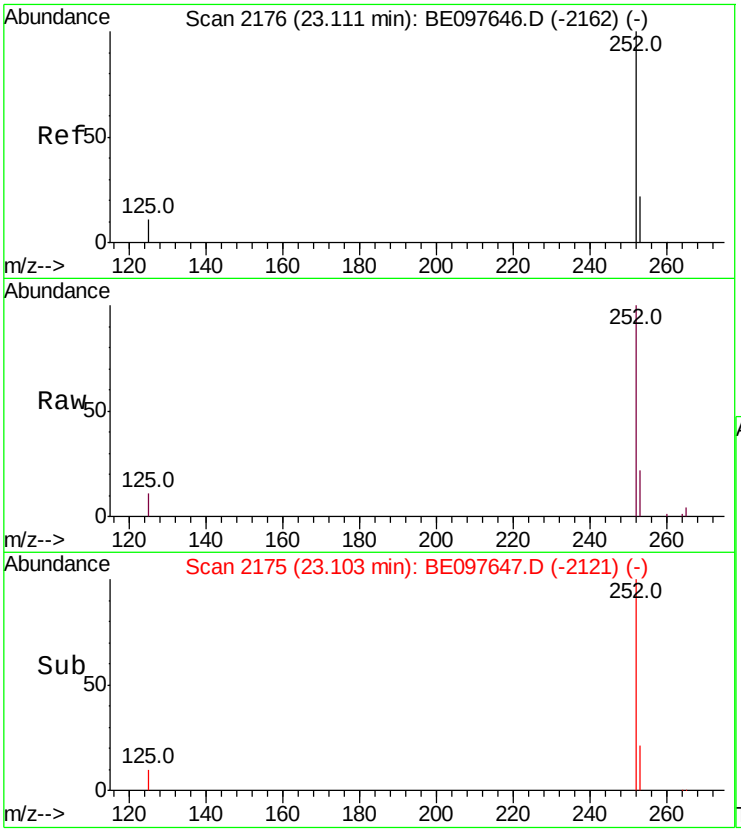


#36
Benzo(k)fluoranthene
Concen: 0.839 ng
RT: 22.57 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:252 Resp: 19491

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.0	24.0
125	9.9	8.0	12.0



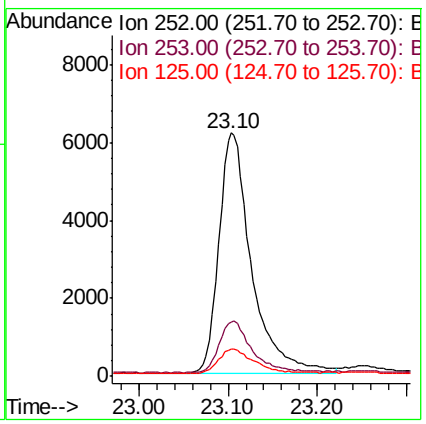


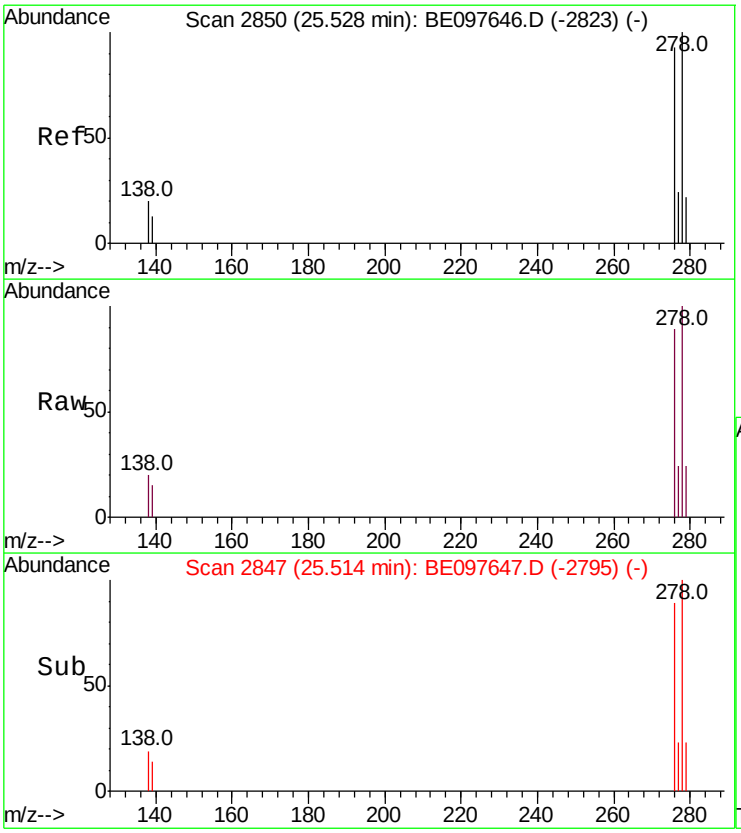
#37
Benzo(a)pyrene
Concen: 0.756 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 15794

Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.0	24.0
125	11.4	12.0	18.0#

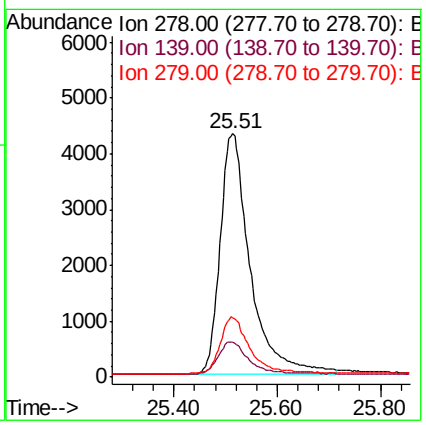


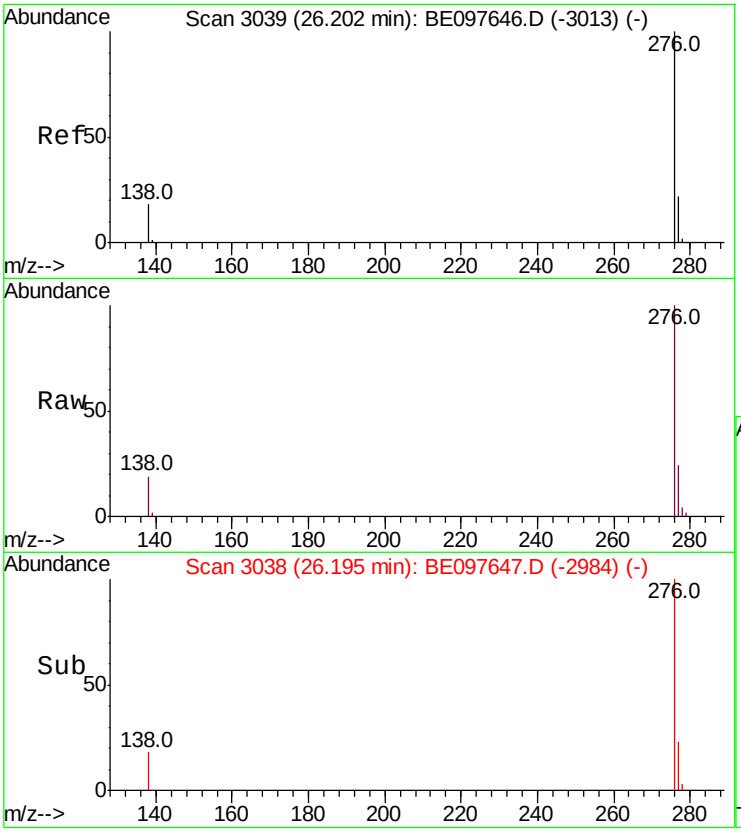


#38
Dibenzo(a,h)anthracene
Concen: 0.823 ng
RT: 25.51 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Tgt Ion:278 Resp: 17546

Ion	Ratio	Lower	Upper
278	100		
139	14.6	16.0	24.0#
279	24.2	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.829 ng
RT: 26.20 min Scan# 3038
Delta R.T. -0.01 min
Lab File: BE097647.D
Acq: 24 Sep 2018 16:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 17197

Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.0	24.0#
138	18.7	20.0	30.0#