Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097072.D
Acq On : 24 Jul 2018 14:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 25 00:37:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1204	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5804	0.40	ng		0.00
13) Acenaphthene-d10	14.01	164	3439	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	9413	0.40	ng		0.00
27) Chrysene-d12	20.98	240	8617	0.40	ng		0.00
34) Perylene-d12	23.21	264	7793	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1344	0.40	ng		0.00
5) Phenol-d6	6.59	99	1875	0.38	ng		0.00
8) Nitrobenzene-d5	8.53	82	1973	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.73	152	3303	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.52	330	443	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.63	172	4954	0.42	ng		0.00
25) Fluoranthene-d10	18.81	212	36206	0.38	ng		0.00
29) Terphenyl-d14	19.43	244	6745	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	862	0.451	ng	#	91
3) n-Nitrosodimethylamine	3.38	42	864	0.404	ng	#	88
6) bis(2-Chloroethyl)ether	6.84	93	1821	0.402	ng		95
9) Naphthalene	10.20	128	21252	0.408	ng		100
10) Hexachlorobutadiene	10.48	225	989	0.424	ng		97
12) 2-Methylnaphthalene	11.81	142	3456	0.387	ng		98
16) Acenaphthylene	13.73	152	6196	0.401	ng		99
17) Acenaphthene	14.08	154	3604	0.402	ng	#	93
18) Fluorene	15.07	166	4731	0.399	ng	#	79
20) 4-Bromophenyl-phenylether	15.97	248	1849	0.404	ng		86
21) Hexachlorobenzene	16.08	284	2049	0.418	ng	#	84
22) Pentachlorophenol	16.44	266	432	0.382	ng	#	77
23) Phenanthrene	16.81	178	8995	0.401	ng		98
24) Anthracene	16.90	178	7797	0.389	ng		95
26) Fluoranthene	18.84	202	9886	0.393	ng		98
28) Pyrene	19.21	202	9600	0.406	ng		99
30) Benzo(a)anthracene	20.95	228	7948	0.371	ng		98
31) Chrysene	21.00	228	9648	0.420	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	8237	0.366	ng		99
33) Indeno(1,2,3-cd)pyrene	25.51	276	8071	0.388	ng	#	93
35) Benzo(b)fluoranthene	22.53	252	7146	0.361	ng	#	90
36) Benzo(k)fluoranthene	22.58	252	8615	0.373	ng		94
37) Benzo(a)pyrene	23.11	252	6399	0.344	ng		93
38) Dibenzo(a,h)anthracene	25.53	278	6904	0.372	ng		97
39) Benzo(g,h,i)perylene	26.20	276	7161	0.363	ng	#	89

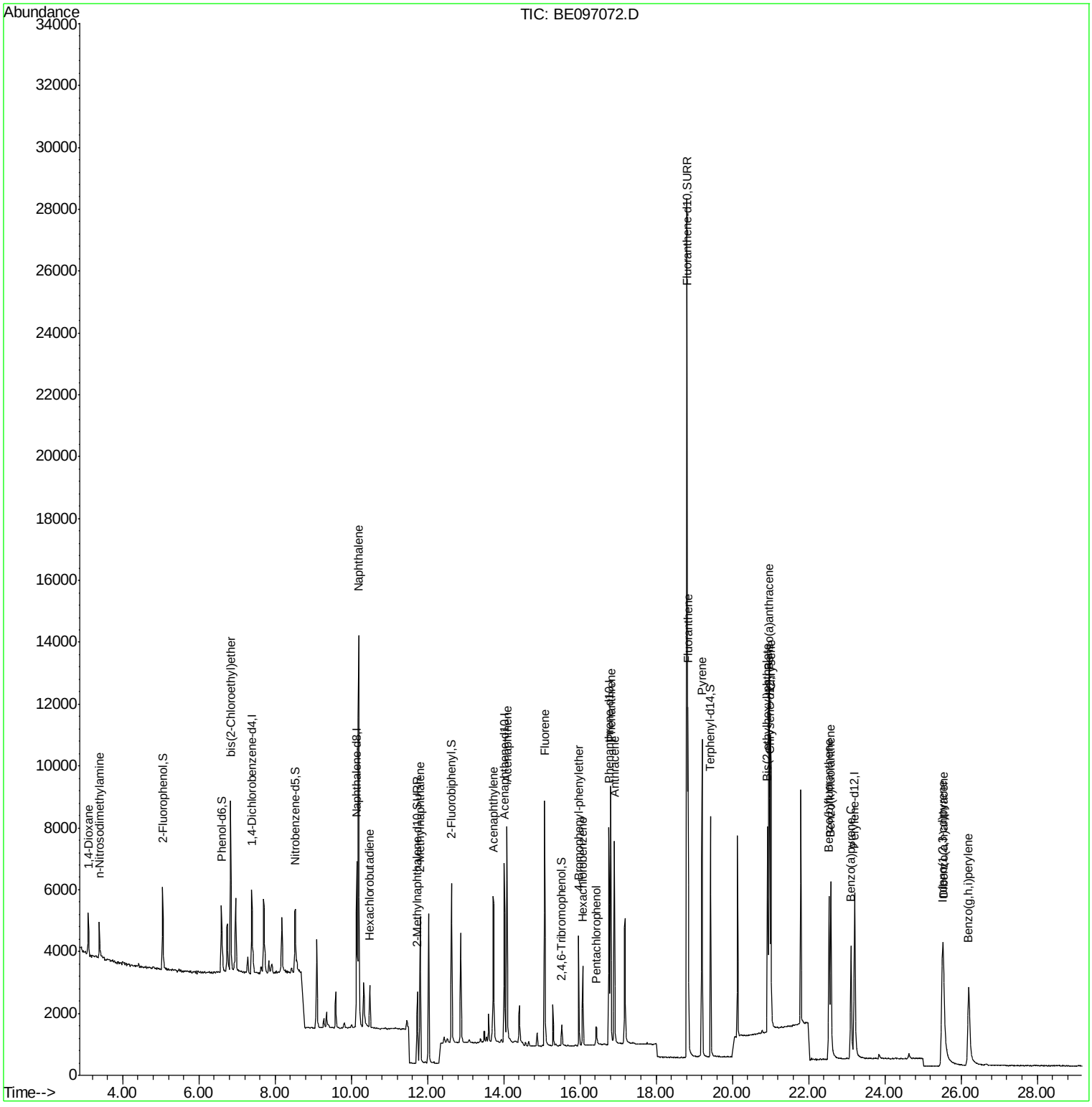
(#) = qualifier out of range (m) = manual integration (+) = signals summed

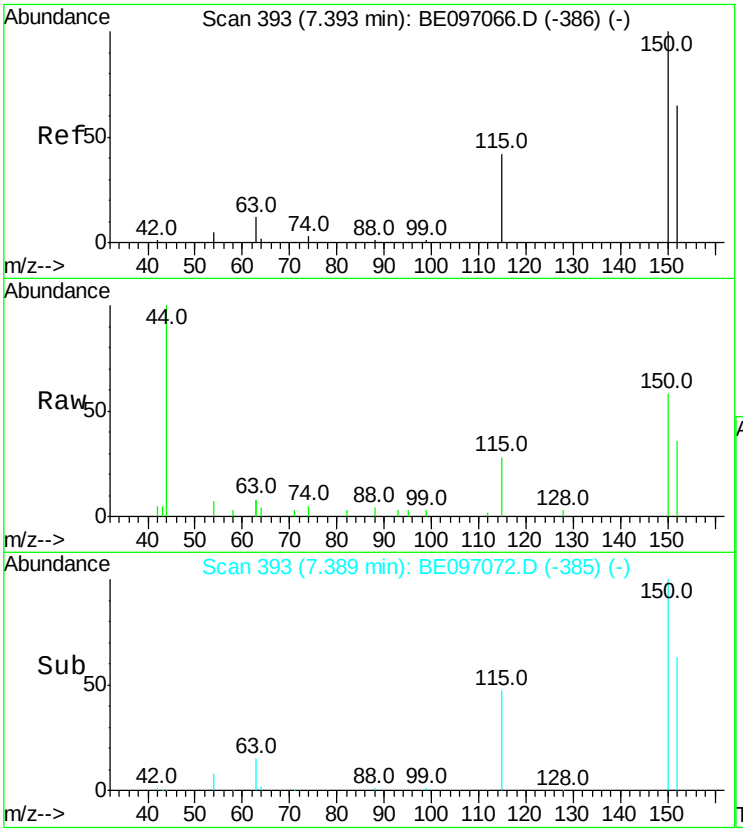
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
Data File : BE097072.D
Acq On : 24 Jul 2018 14:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 25 00:37:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration



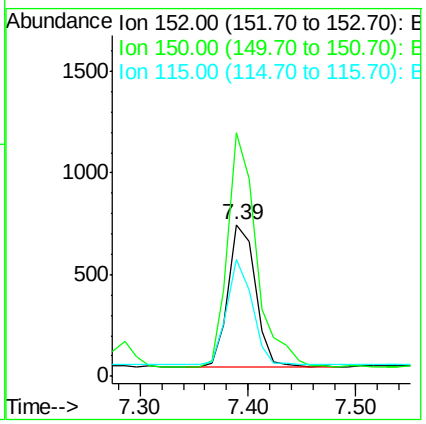


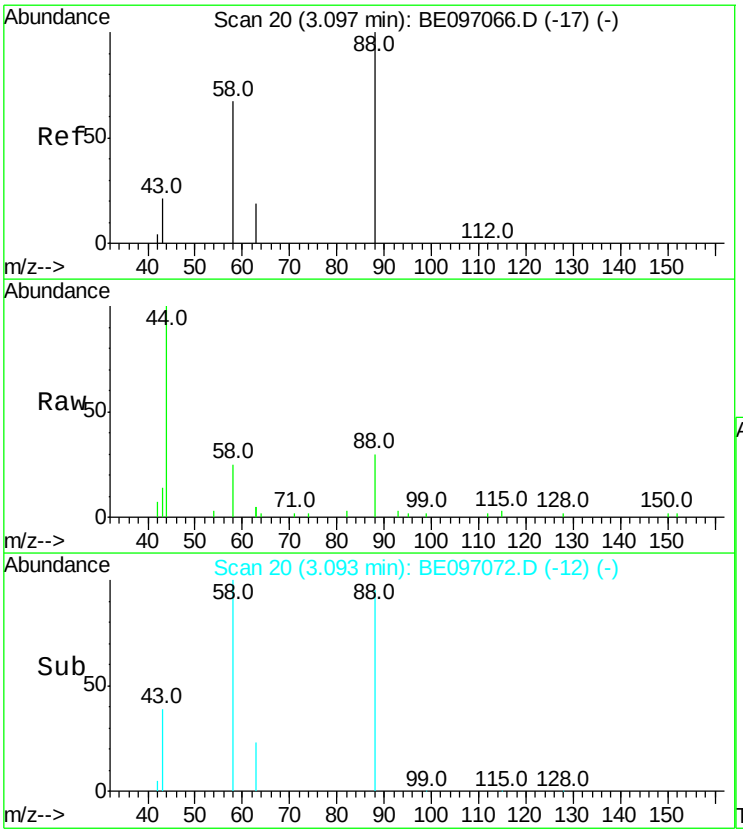
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1204

Ion	Ratio	Lower	Upper
152	100		
150	160.5	117.2	175.8
115	76.7	57.0	85.6

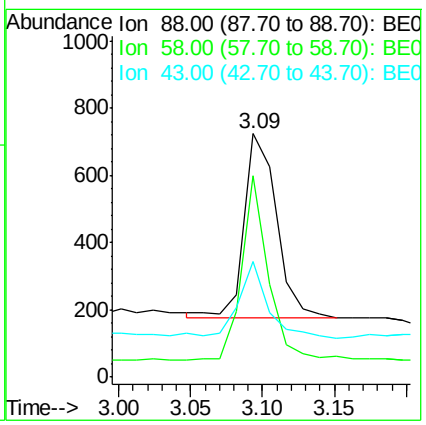


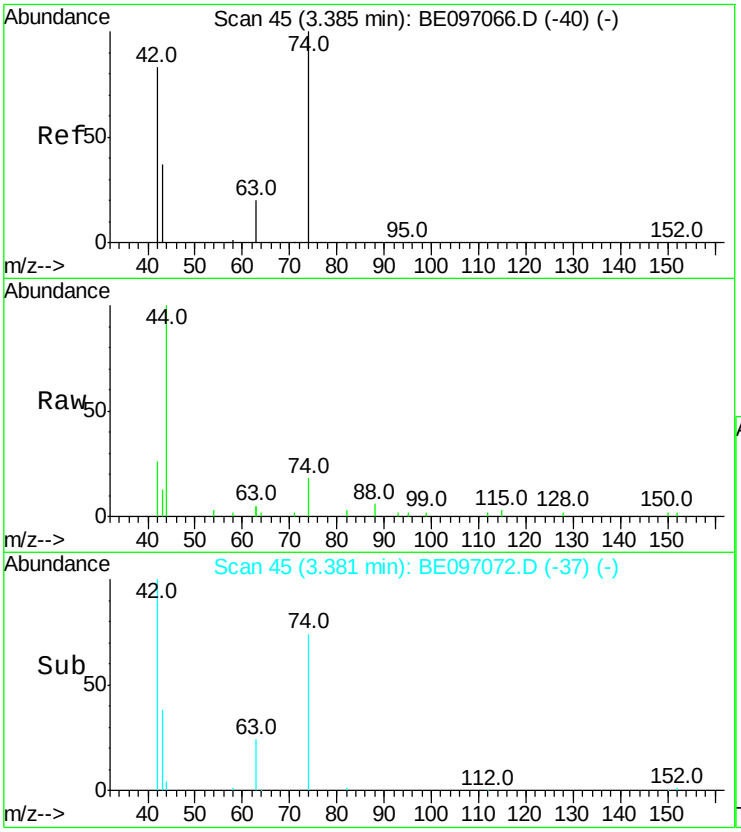


#2
1,4-Dioxane
Concen: 0.451 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion: 88 Resp: 862

Ion	Ratio	Lower	Upper
88	100		
58	79.5	63.2	94.8
43	35.8	41.2	61.8#



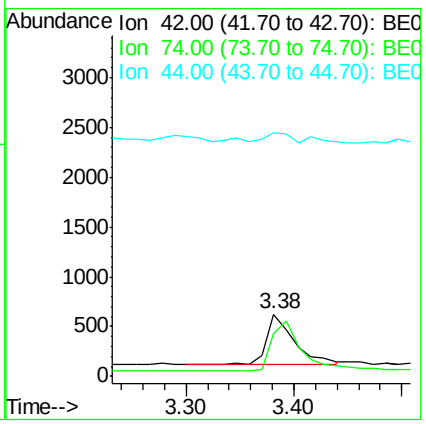


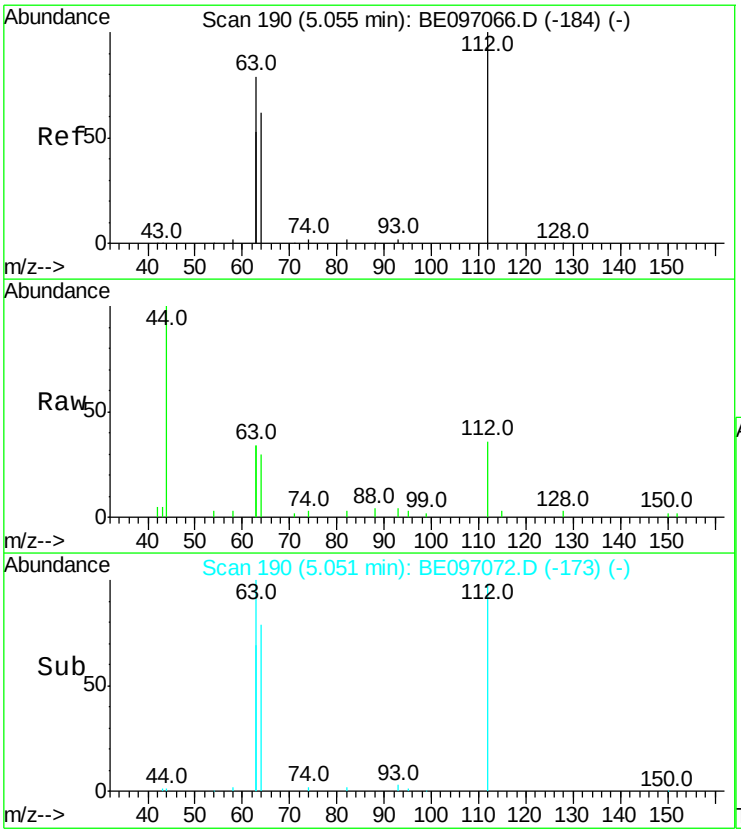
#3
n-Nitrosodimethylamine
Concen: 0.404 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 864

Ion	Ratio	Lower	Upper
42	100		
74	109.1	96.0	144.0
44	28.0	12.0	18.0#

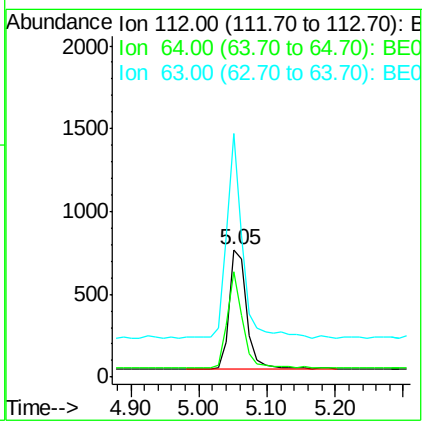


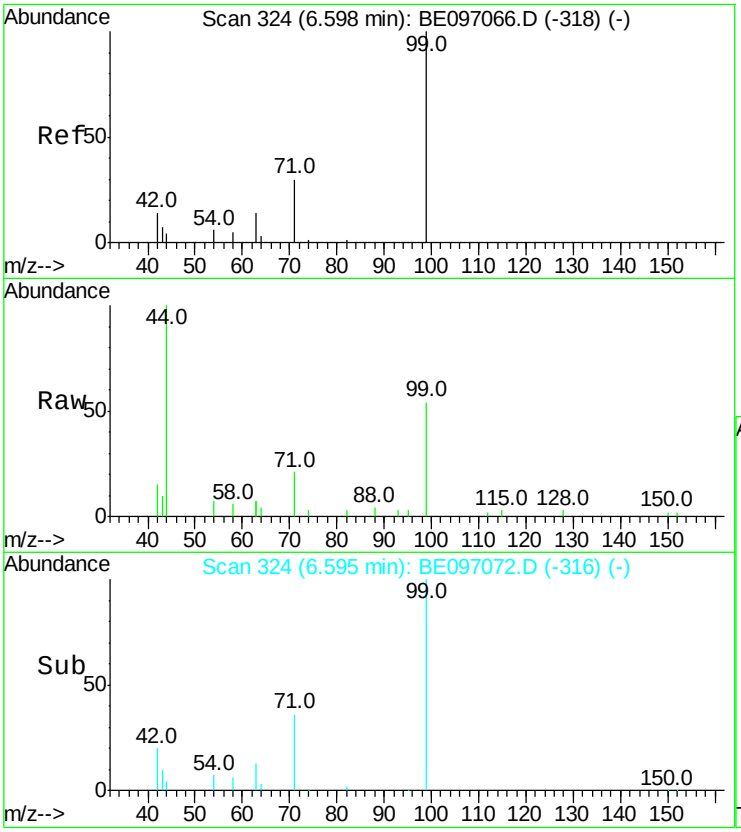


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:112 Resp: 1344

Ion	Ratio	Lower	Upper
112	100		
64	71.0	60.1	90.1
63	148.8	116.8	175.2



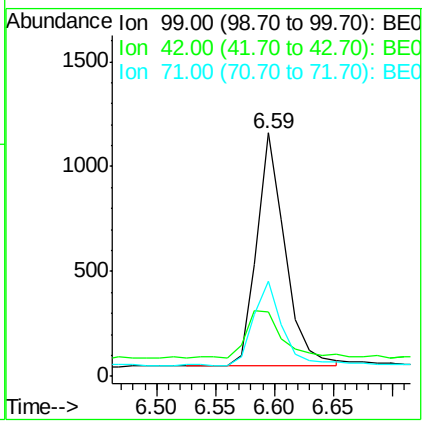


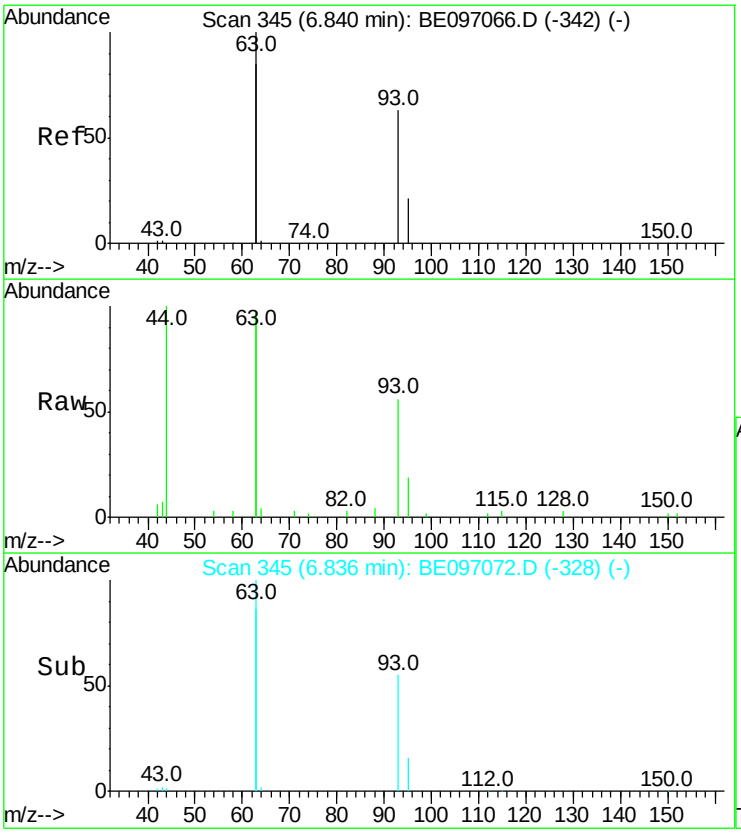
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.59 min Scan# 324
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1875

Ion	Ratio	Lower	Upper
99	100		
42	24.1	20.2	30.2
71	36.1	28.4	42.6

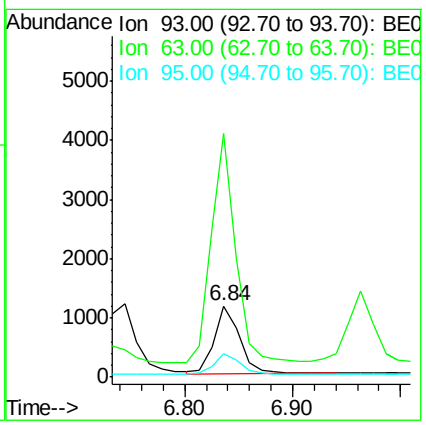


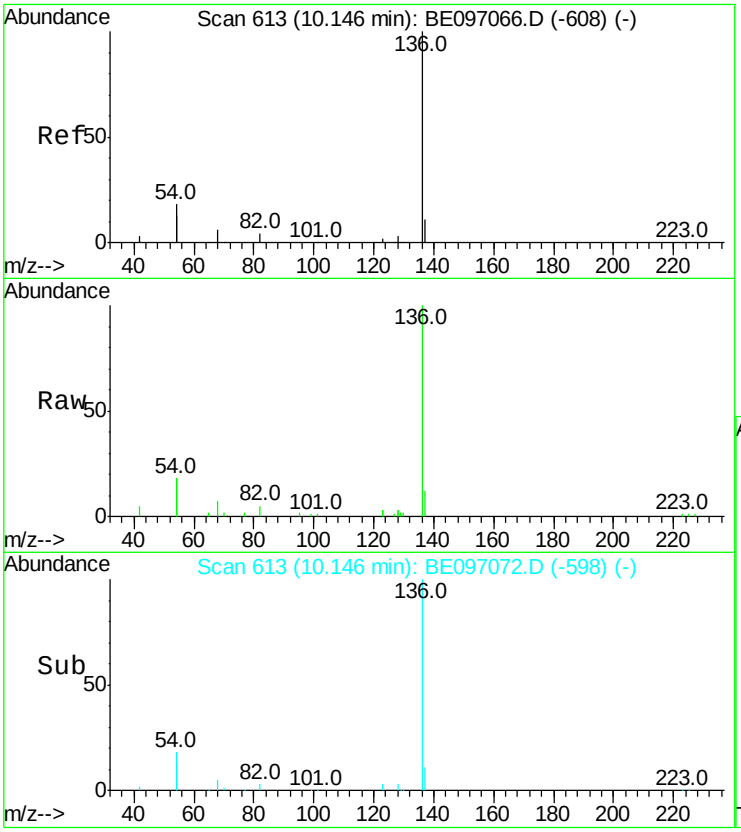


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion: 93 Resp: 1821

Ion	Ratio	Lower	Upper
93	100		
63	332.5	275.3	412.9
95	30.5	25.2	37.8



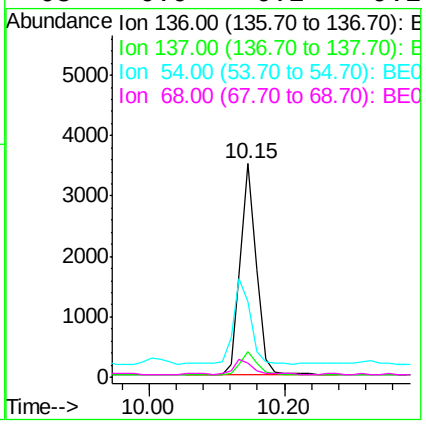


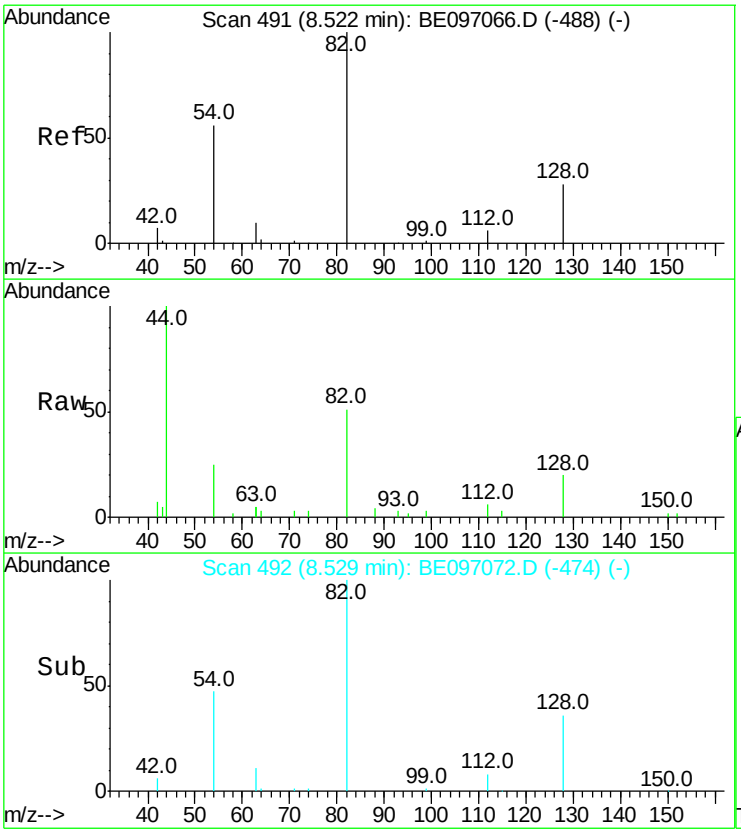
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.15 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5804

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	35.2	29.1	43.7
68	6.9	6.2	9.2

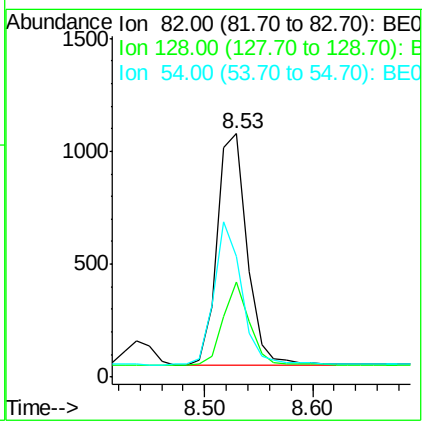


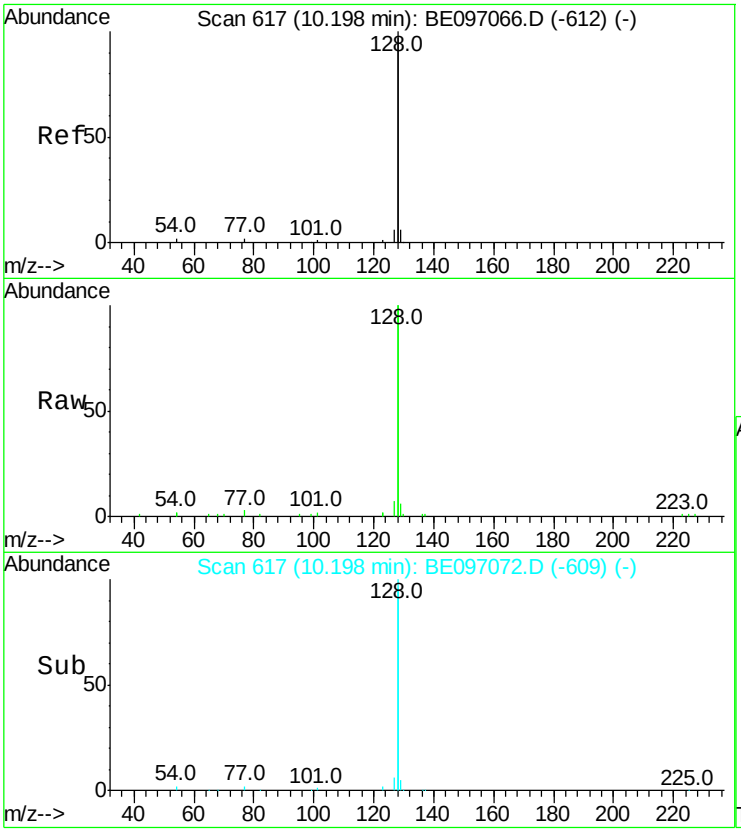


#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.01 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion: 82 Resp: 1973

Ion	Ratio	Lower	Upper
82	100		
128	38.9	24.0	36.0#
54	49.5	40.0	60.0



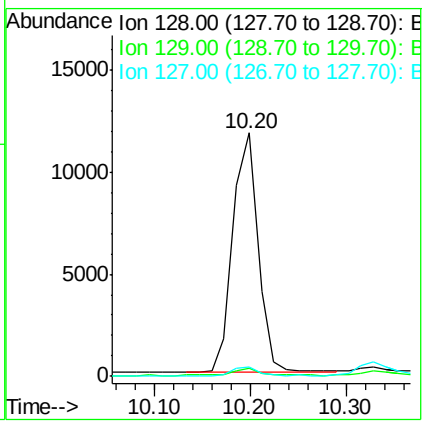


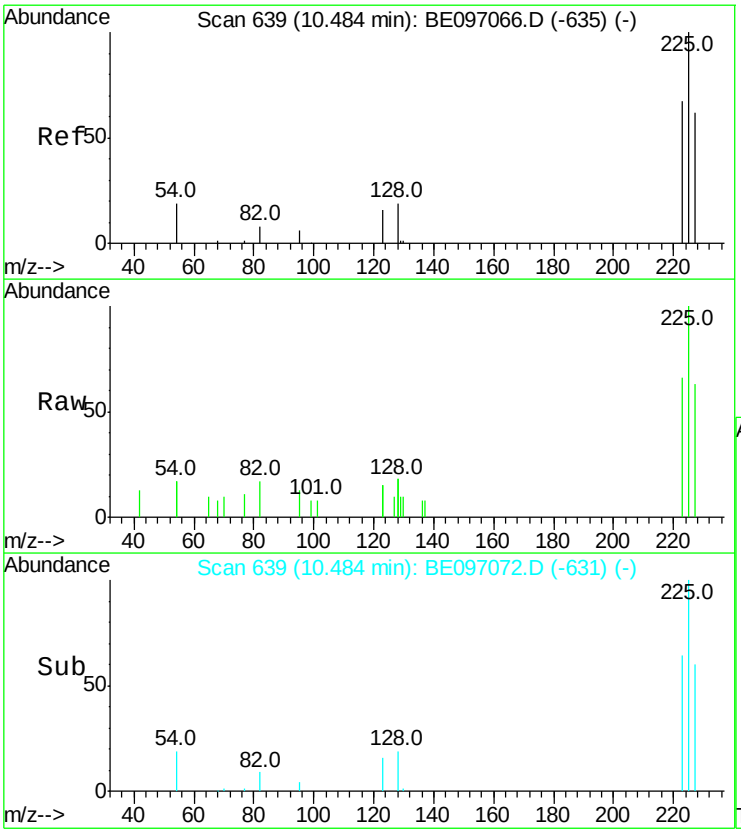
#9
Naphthalene
Concen: 0.408 ng
RT: 10.20 min Scan# 617
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 21252

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.6	3.8
127	3.6	2.8	4.2

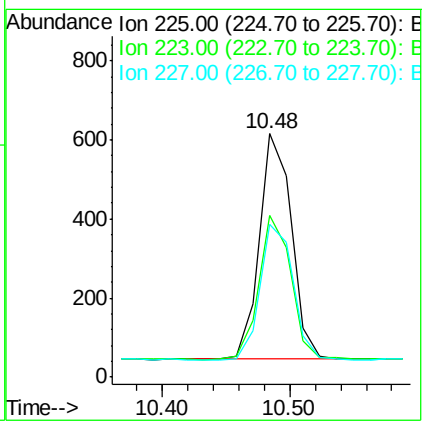


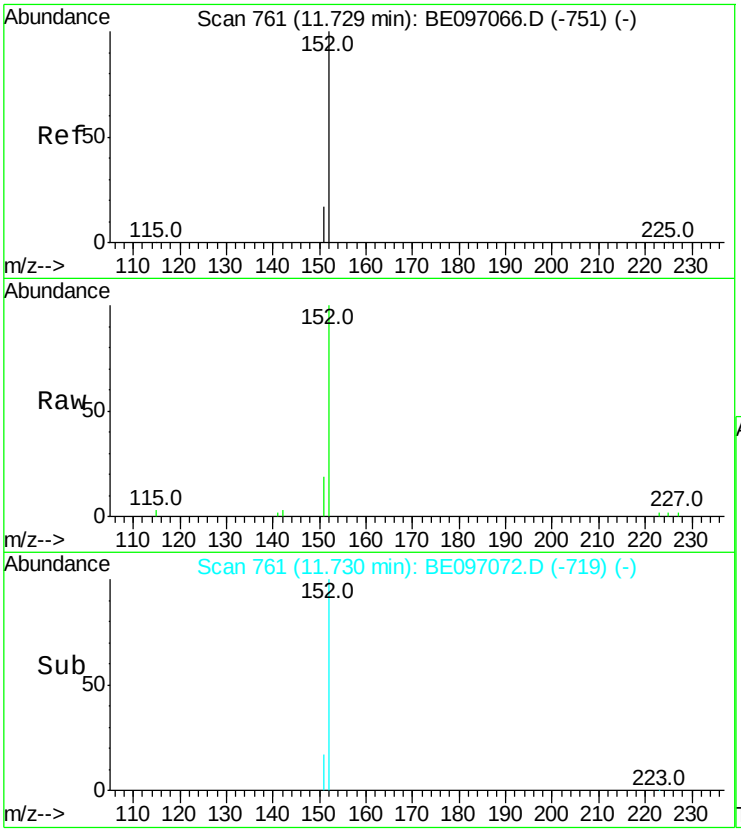


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.48 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:225 Resp: 989

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	62.2	51.4	77.2



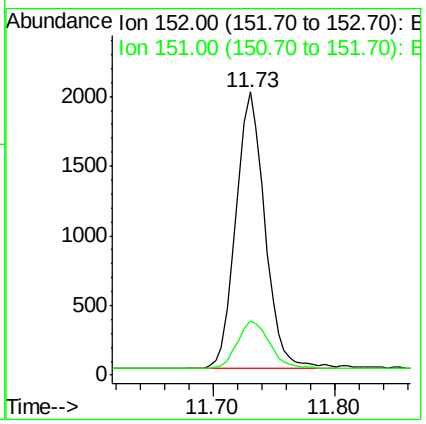


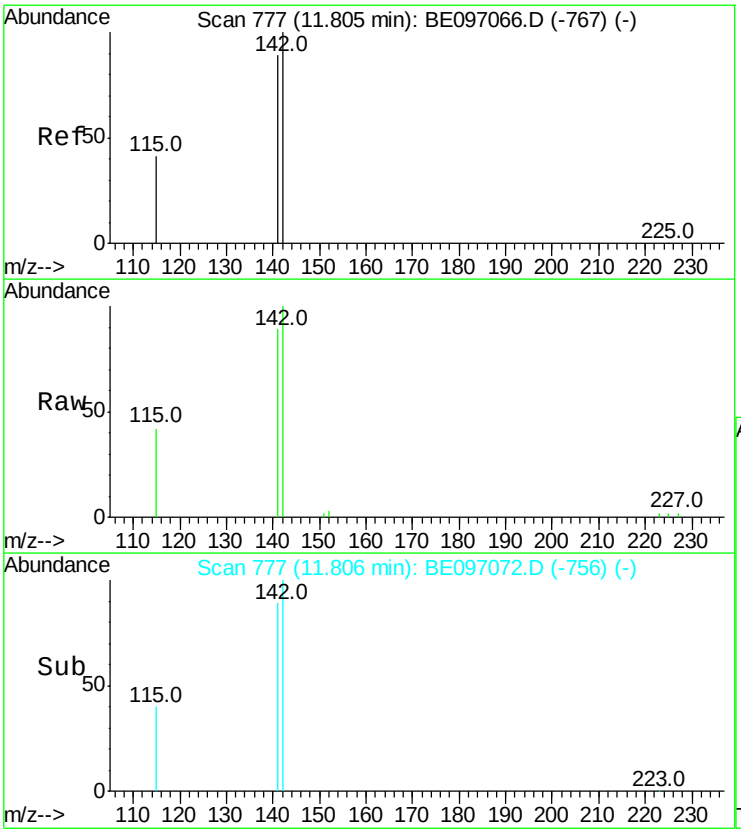
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.73 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3303

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

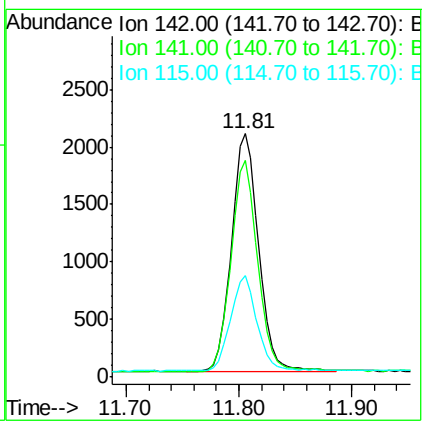


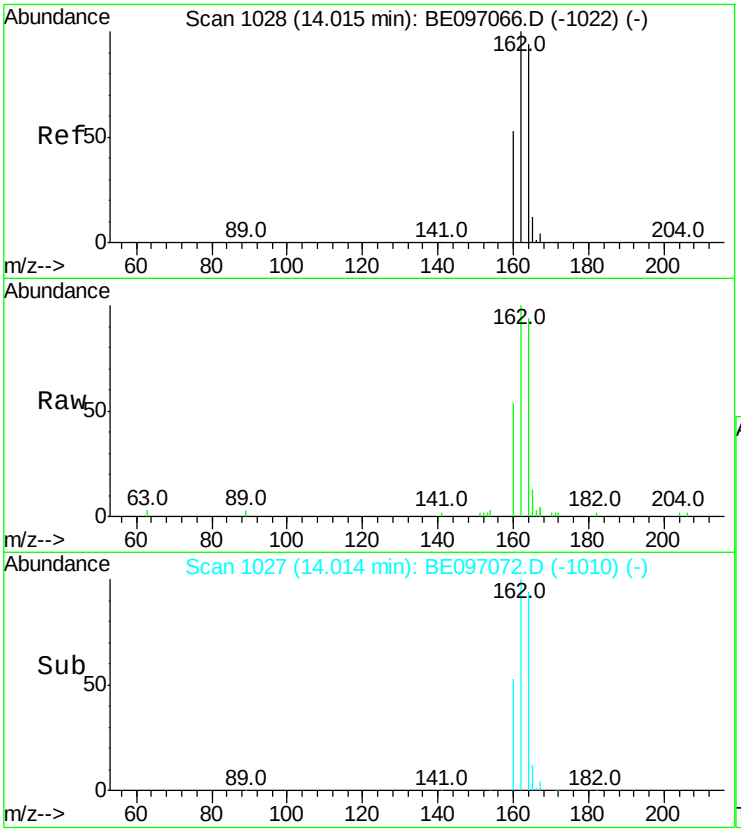


#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 11.81 min Scan# 777
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:142 Resp: 3456

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.4	105.6
115	41.8	31.7	47.5



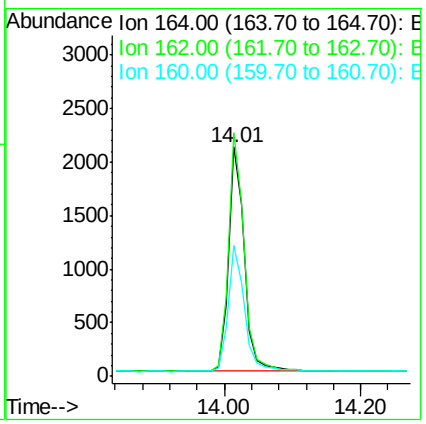


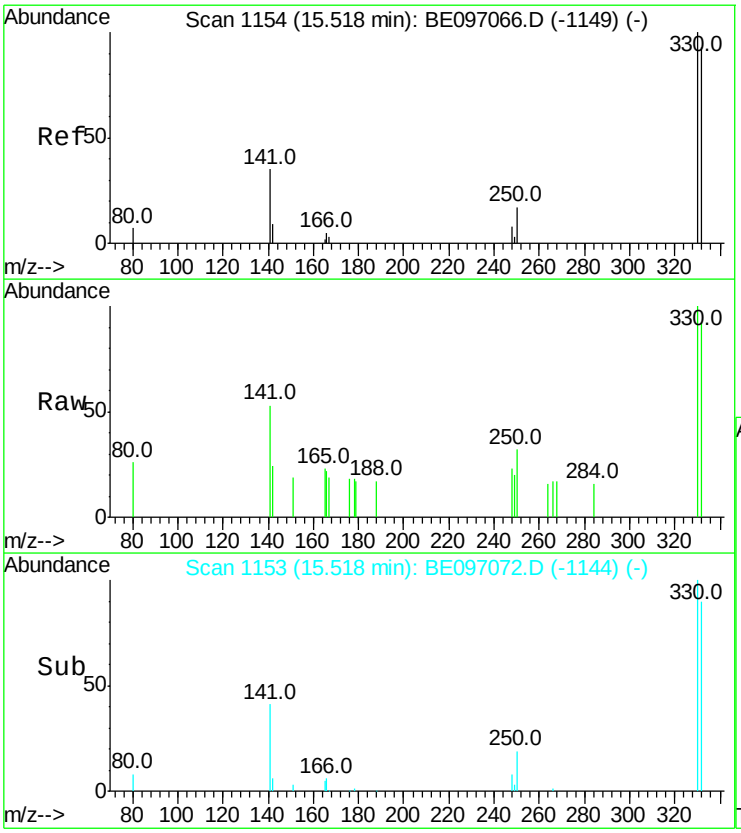
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 3439

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.1	124.7
160	57.3	37.1	55.7#

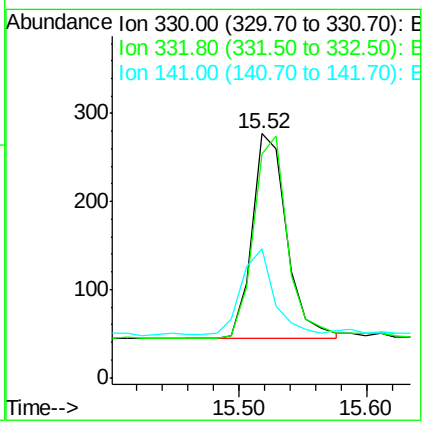


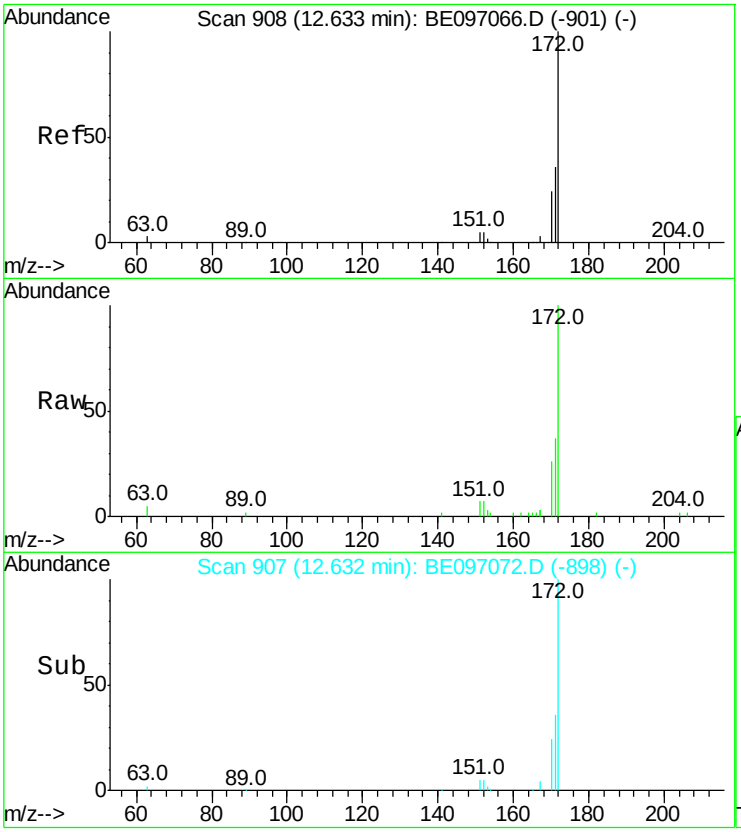


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.52 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:330 Resp: 443

Ion	Ratio	Lower	Upper
330	100		
332	97.3	152.7	229.1#
141	39.1	33.7	50.5



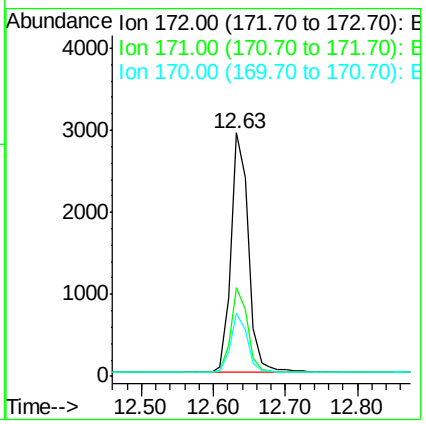


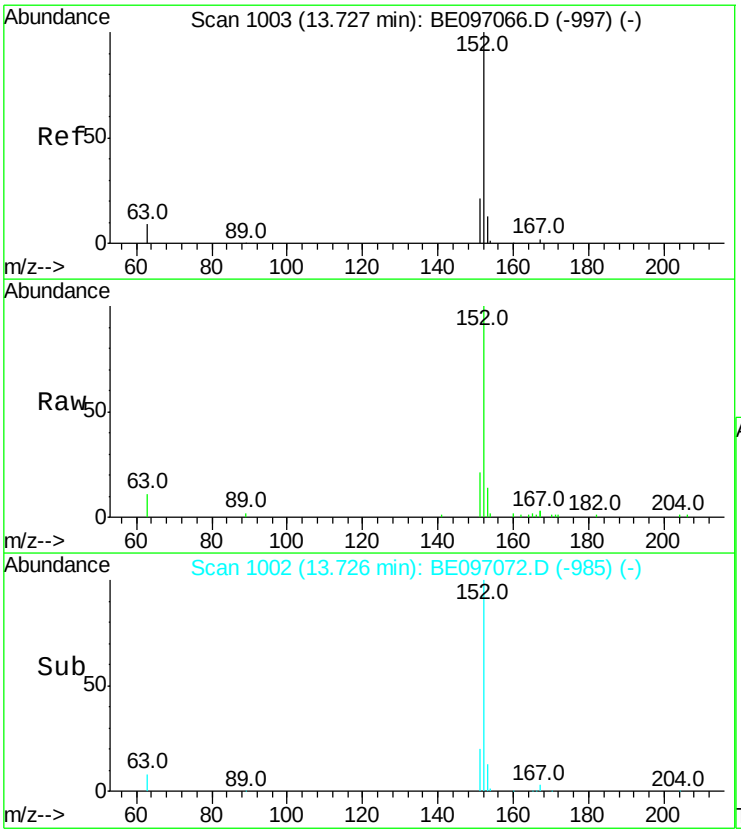
#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4954

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	25.7	21.8	32.8

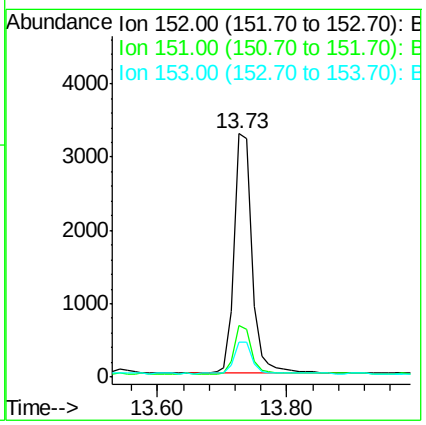


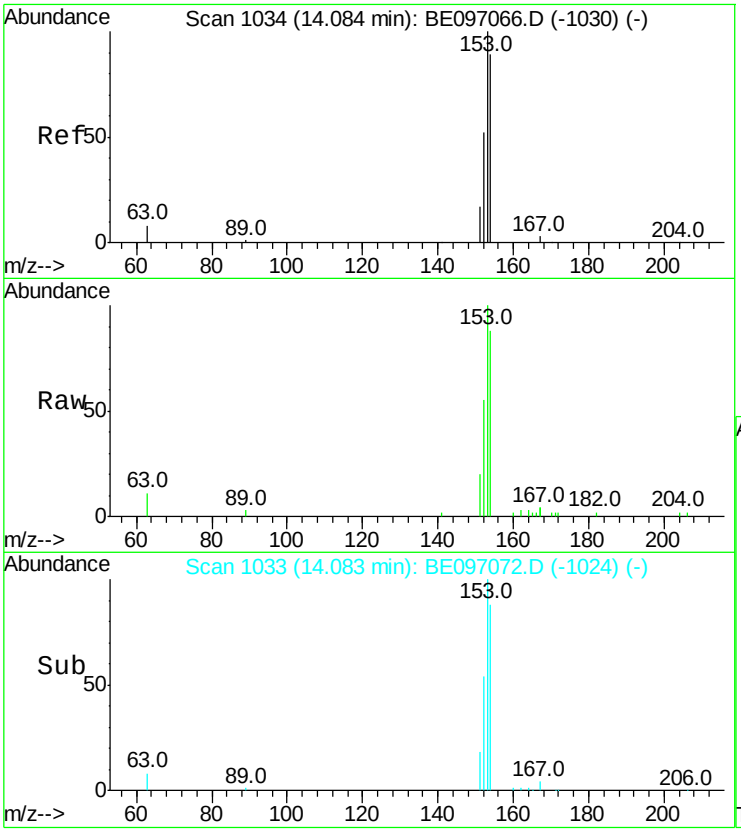


#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:152 Resp: 6196

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.6	10.5	15.7



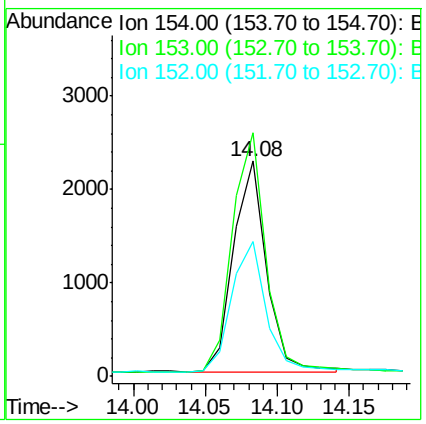


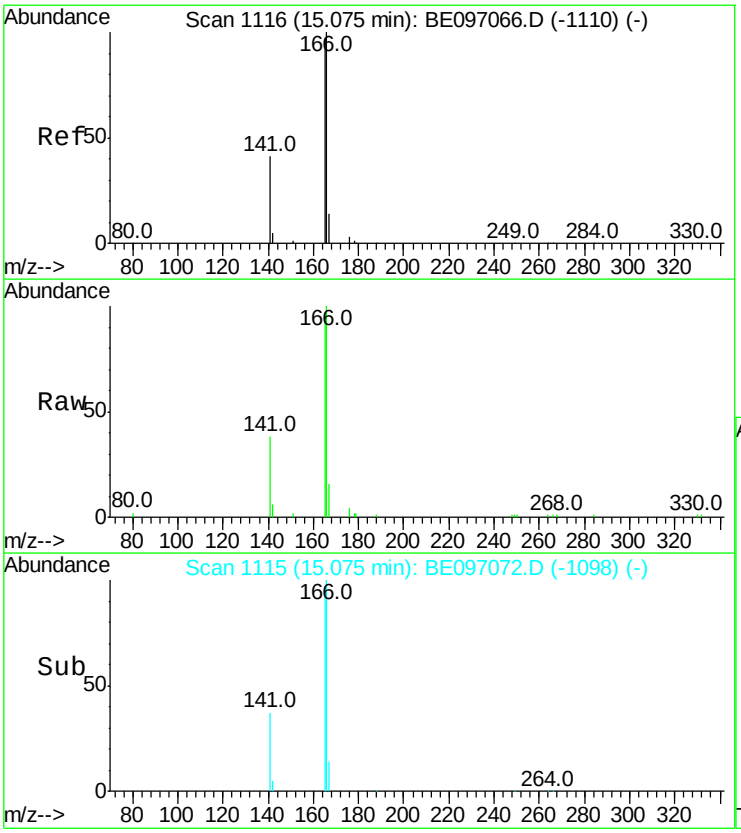
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.08 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3604

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.2	133.8
152	64.5	42.0	63.0#

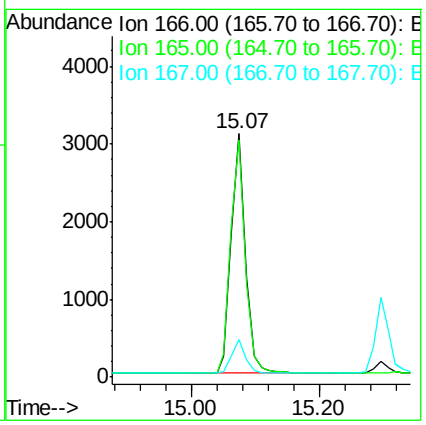


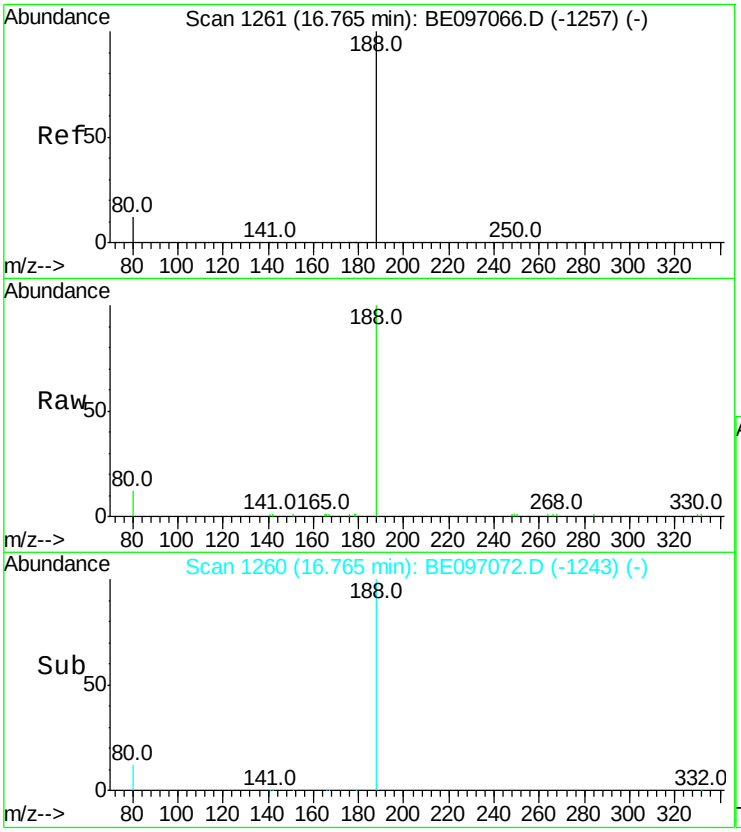


#18
Fluorene
Concen: 0.399 ng
RT: 15.07 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:166 Resp: 4731

Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.8	116.6
167	13.8	42.4	63.6#



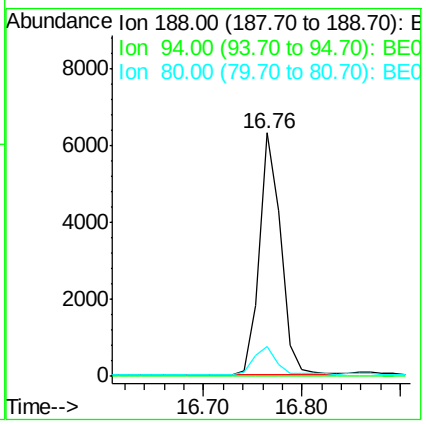


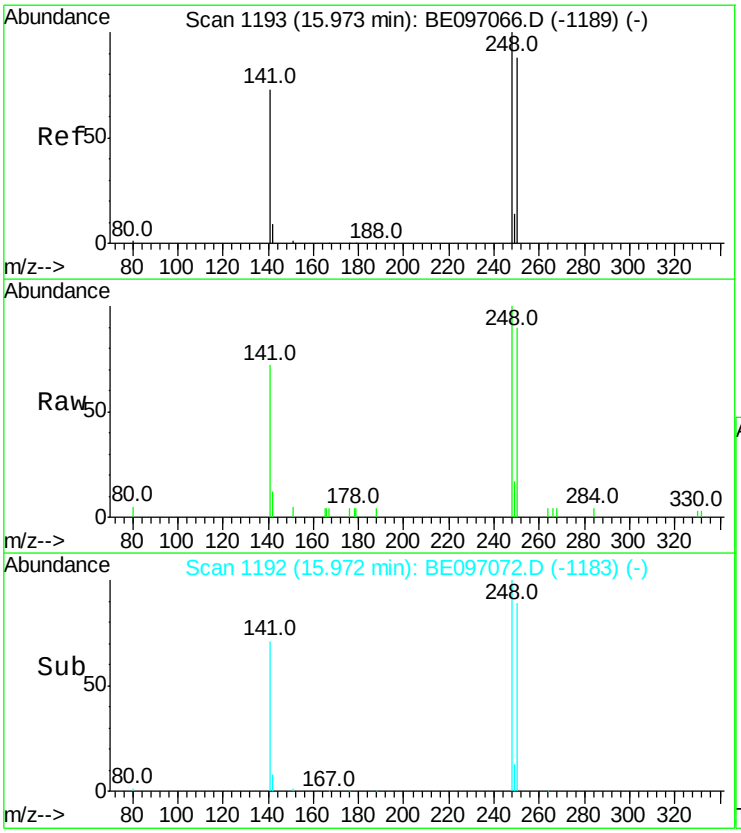
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 9413

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.3	3.6	5.4#

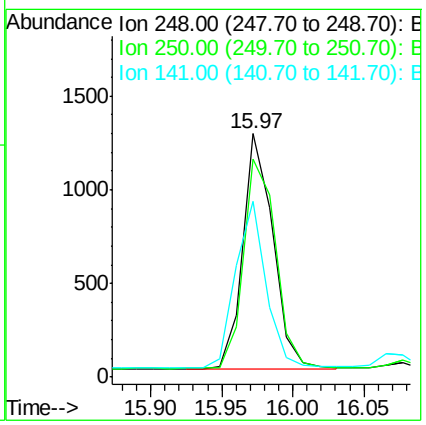


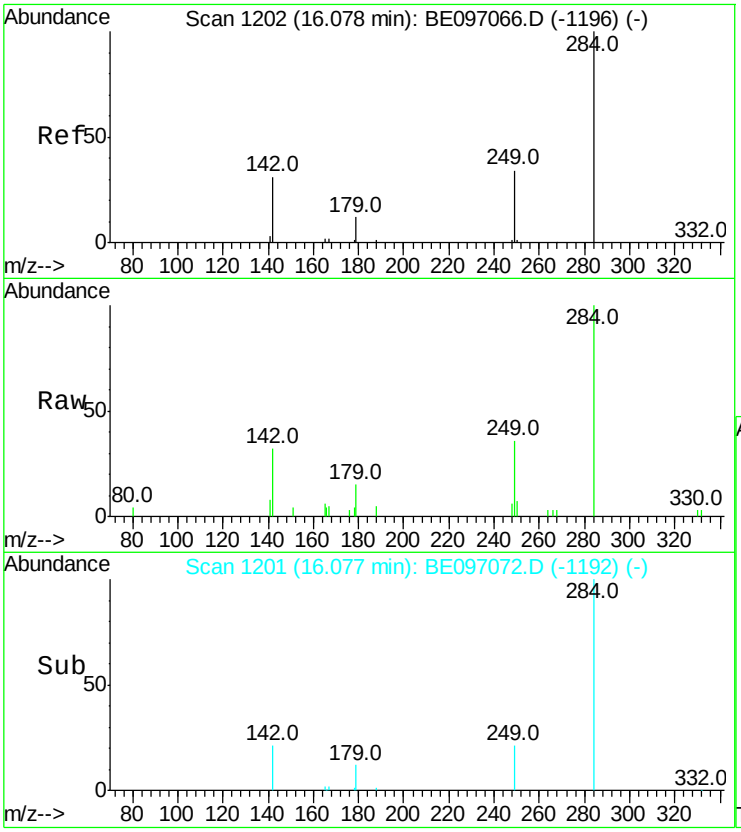


#20
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 15.97 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:248 Resp: 1849

Ion	Ratio	Lower	Upper
248	100		
250	89.7	62.7	94.1
141	72.1	48.2	72.2



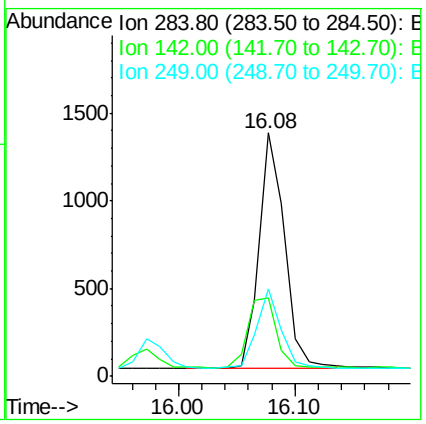


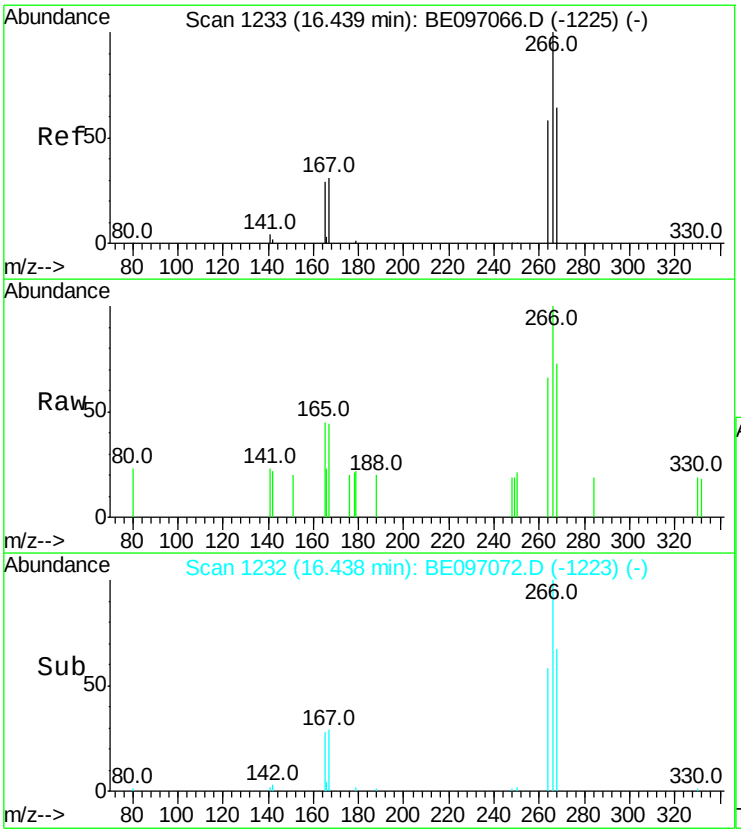
#21
Hexachlorobenzene
Concen: 0.418 ng
RT: 16.08 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 2049

Ion	Ratio	Lower	Upper
284	100		
142	33.6	22.1	33.1#
249	31.3	34.8	52.2#

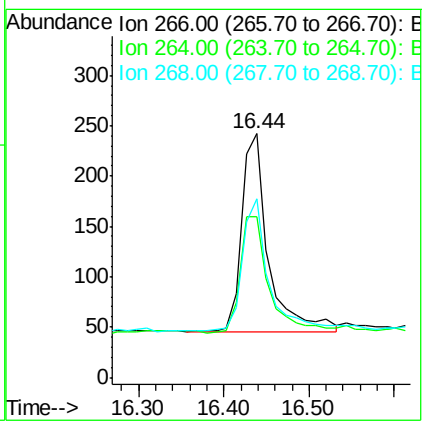


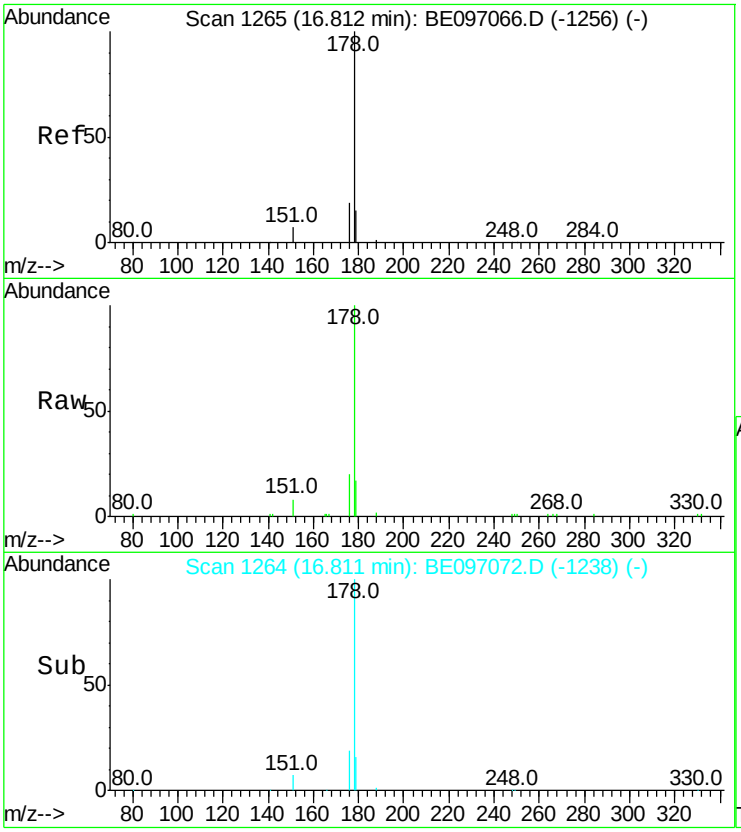


#22
Pentachlorophenol
Concen: 0.382 ng
RT: 16.44 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:266 Resp: 432

Ion	Ratio	Lower	Upper
266	100		
264	66.1	72.5	108.7#
268	73.1	73.8	110.6#



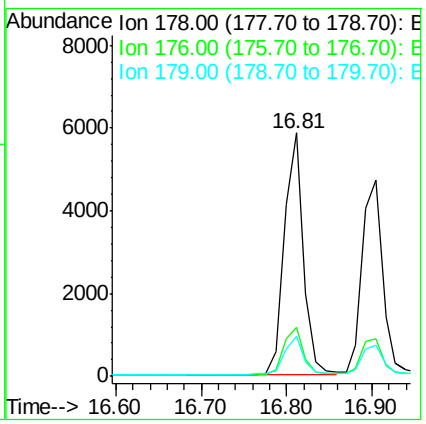


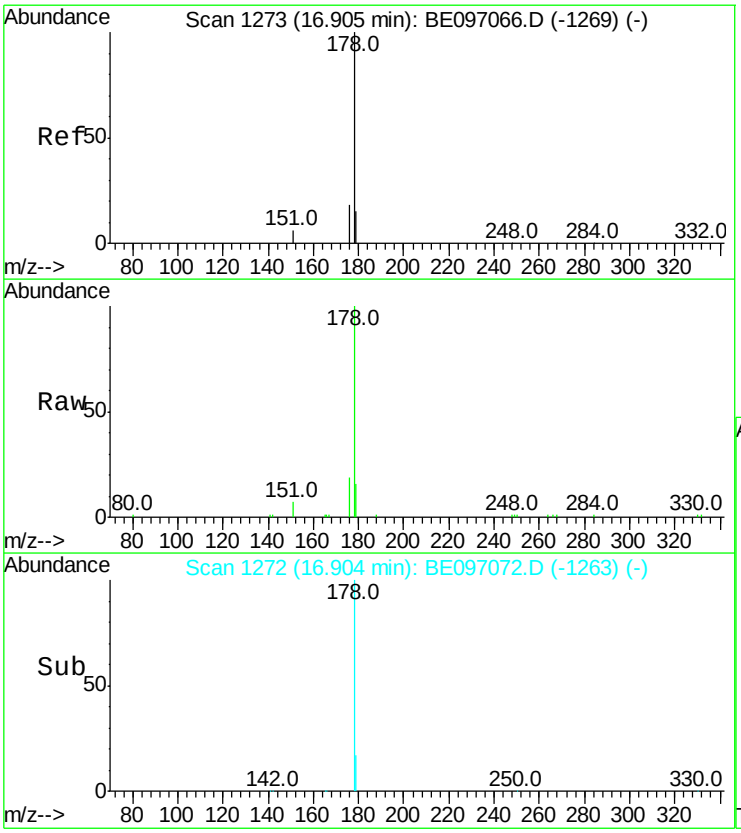
#23
Phenanthrene
Concen: 0.401 ng
RT: 16.81 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 8995

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.5	11.8	17.6

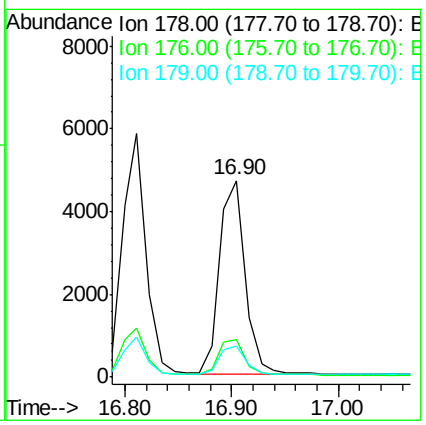


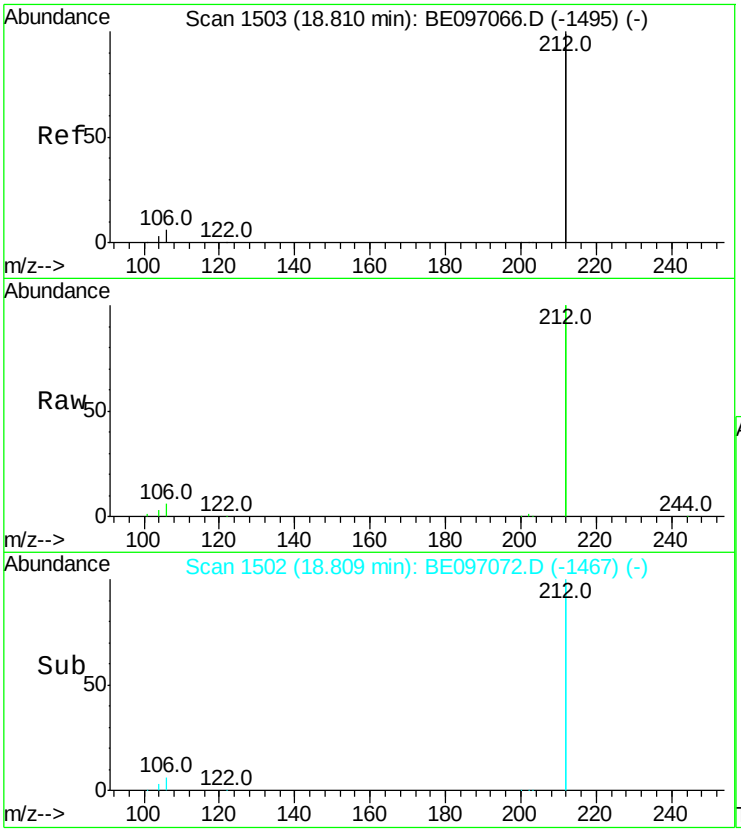


#24
Anthracene
Concen: 0.389 ng
RT: 16.90 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:178 Resp: 7797

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	14.8	13.0	19.6



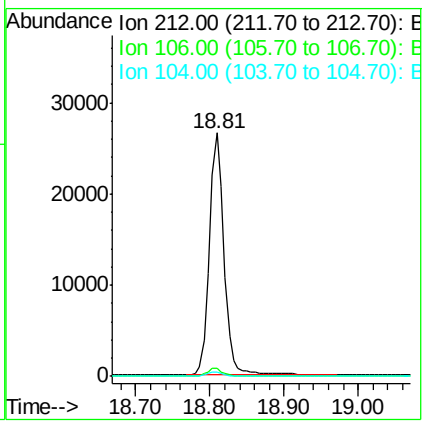


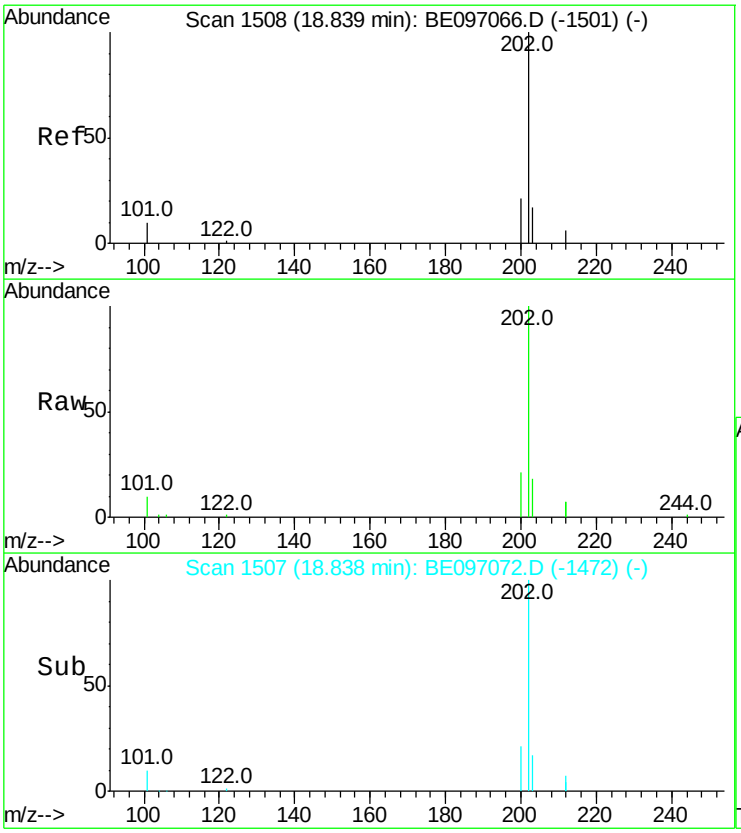
#25
Fluoranthene-d10
Concen: 0.384 ng
RT: 18.81 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 36206

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

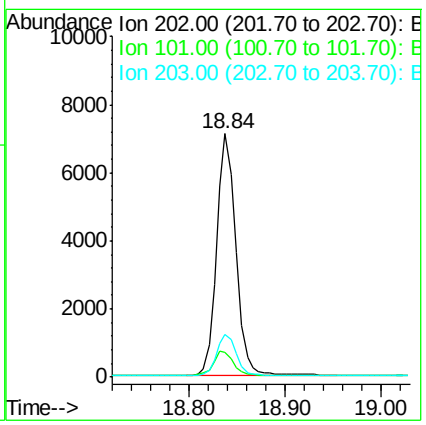


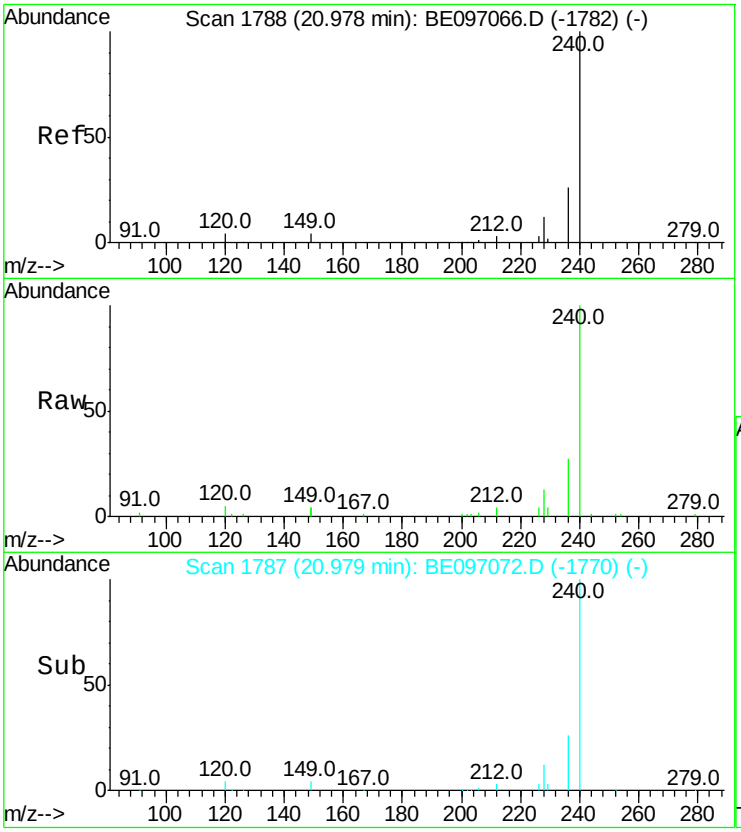


#26
Fluoranthene
Concen: 0.393 ng
RT: 18.84 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:202 Resp: 9886

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
203	17.0	13.7	20.5



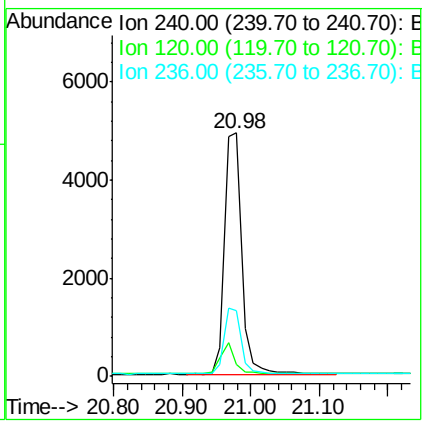


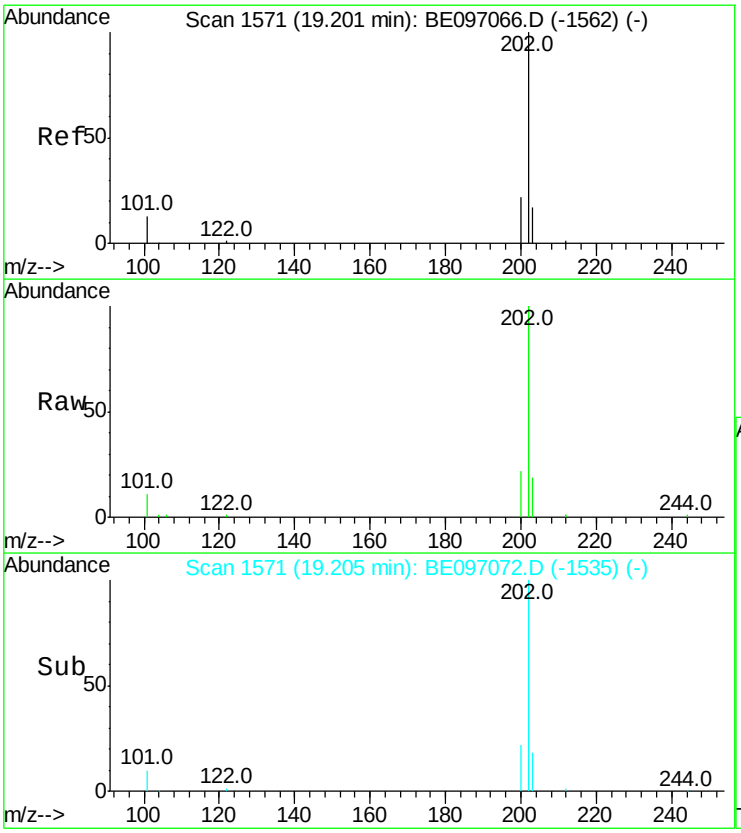
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8617

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.5	8.3#
236	26.9	20.7	31.1

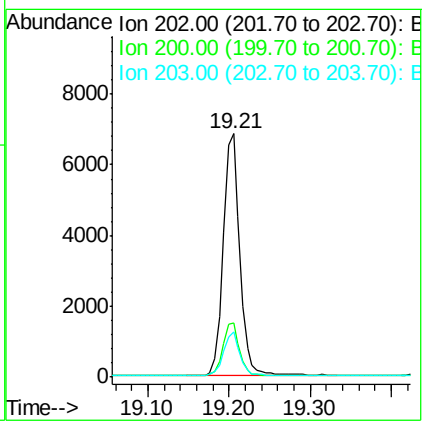


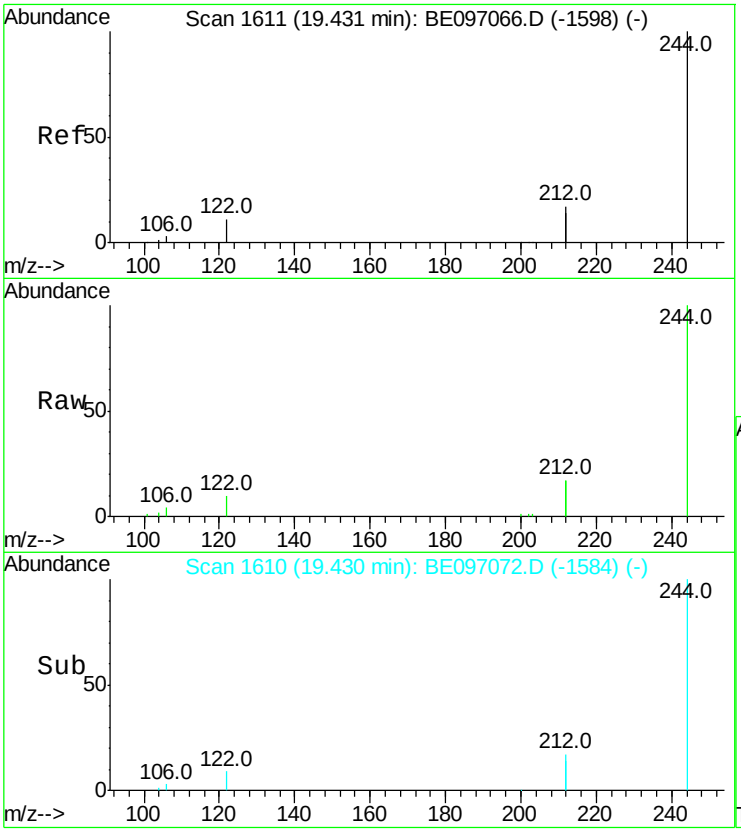


#28
Pyrene
Concen: 0.406 ng
RT: 19.21 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:202 Resp: 9600

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	17.7	13.8	20.8



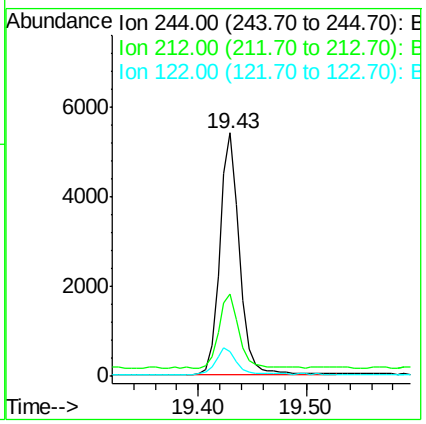


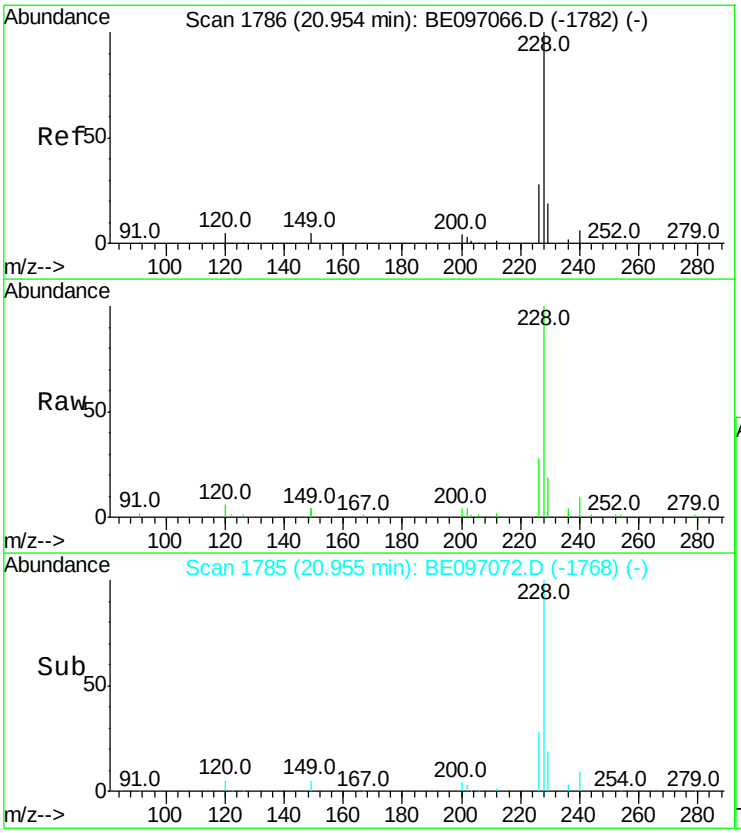
#29
Terphenyl-d14
Concen: 0.407 ng
RT: 19.43 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6745

Ion	Ratio	Lower	Upper
244	100		
212	33.8	25.4	38.0
122	10.1	8.1	12.1

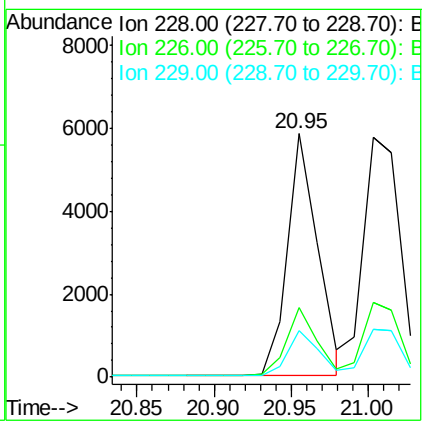


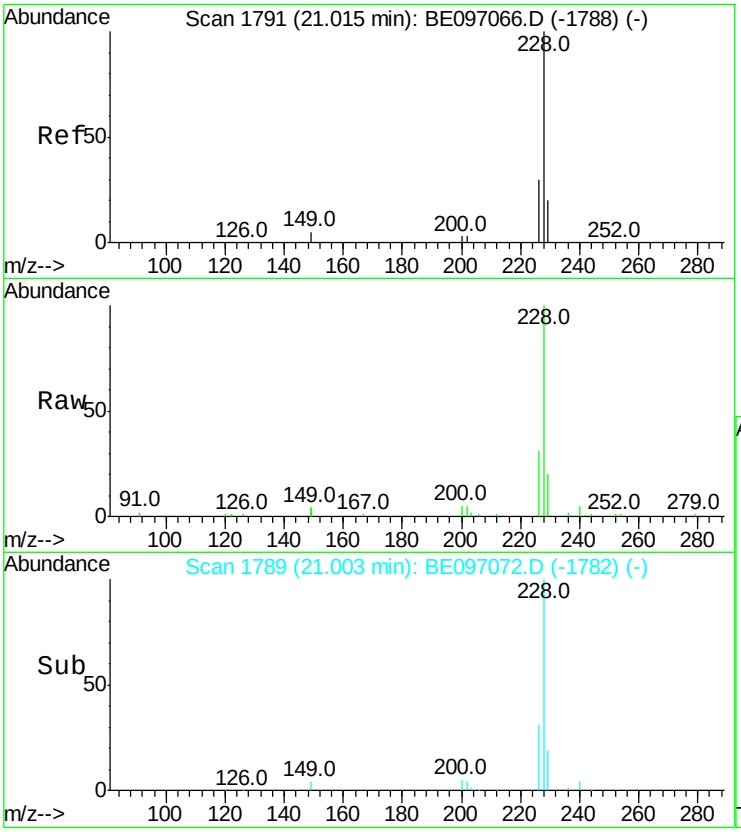


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:228 Resp: 7948

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	19.3	16.0	24.0



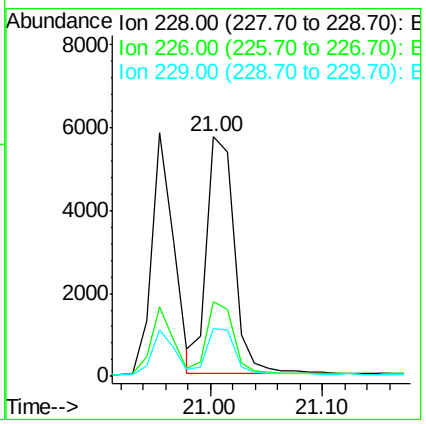


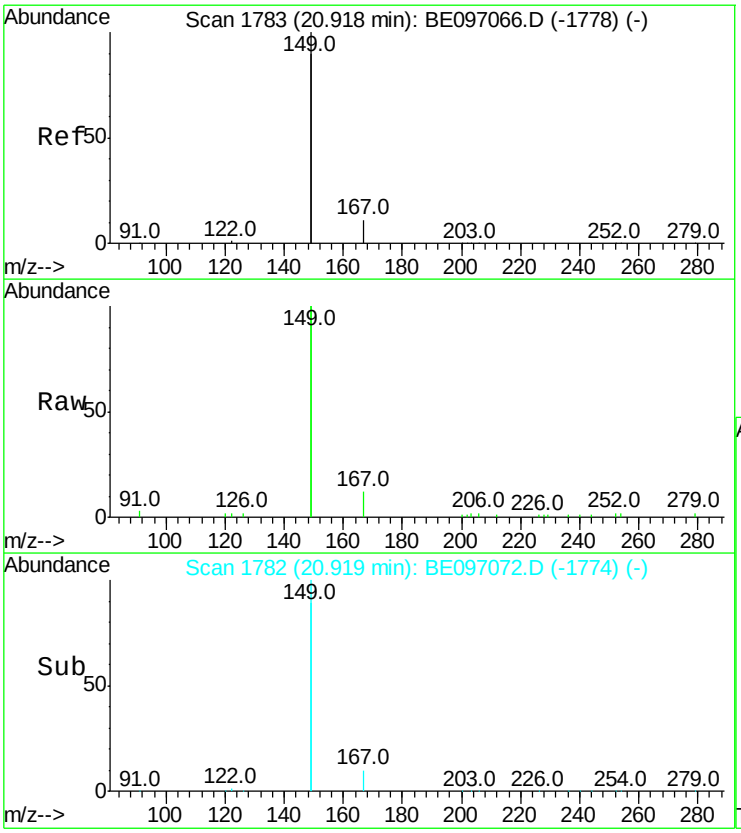
#31
Chrysene
Concen: 0.420 ng
RT: 21.00 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 9648

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	19.7	16.0	24.0

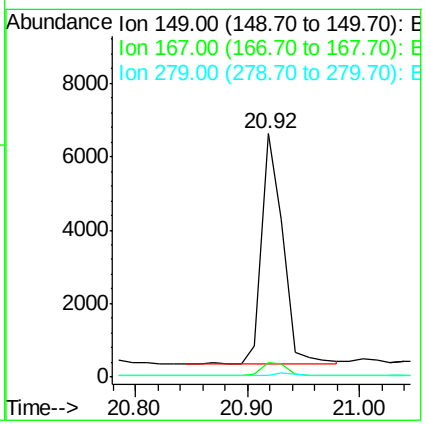


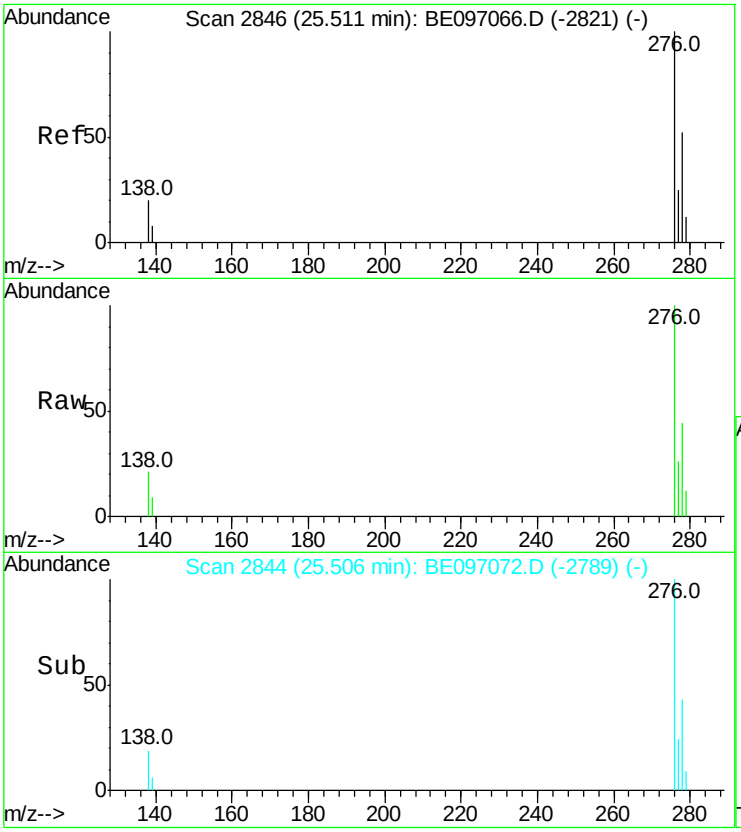


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.366 ng
RT: 20.92 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:149 Resp: 8237

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.4	8.0
279	0.9	0.7	1.1



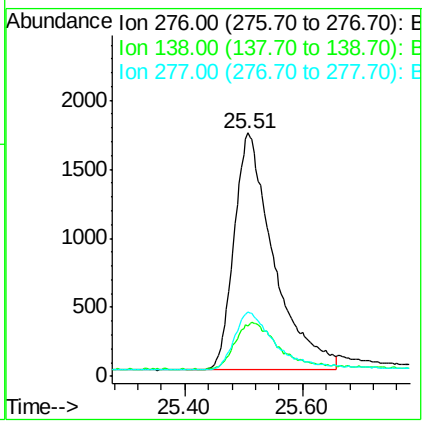


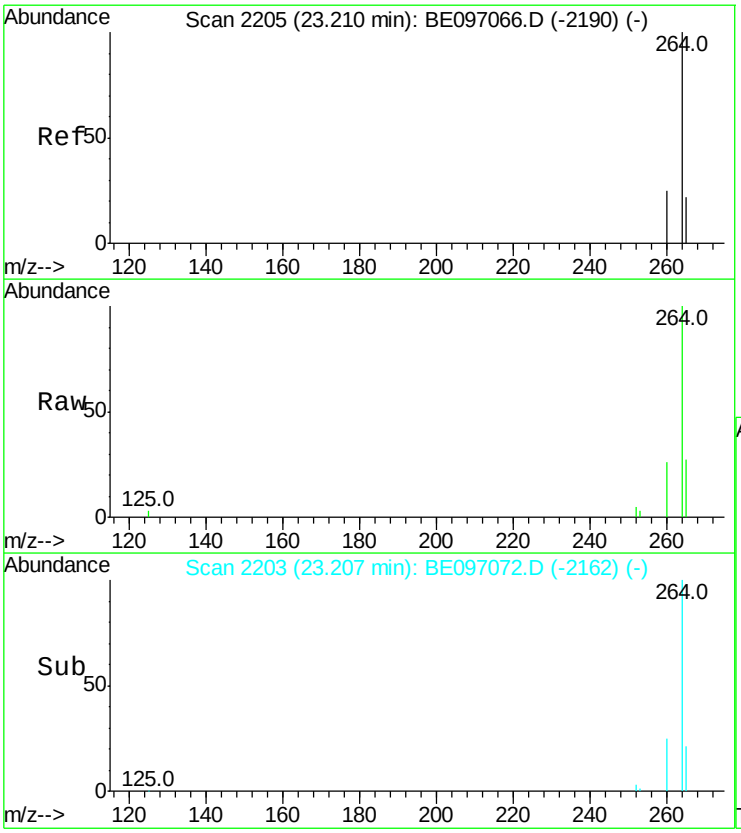
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 25.51 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 8071

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.2	19.9	29.9

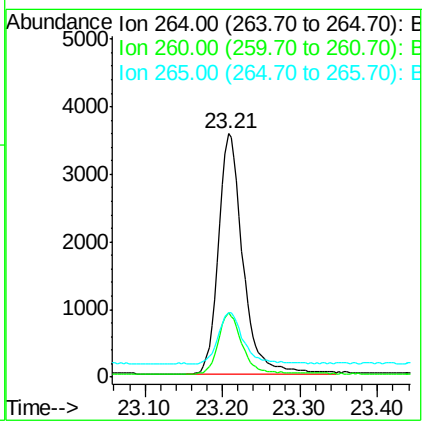


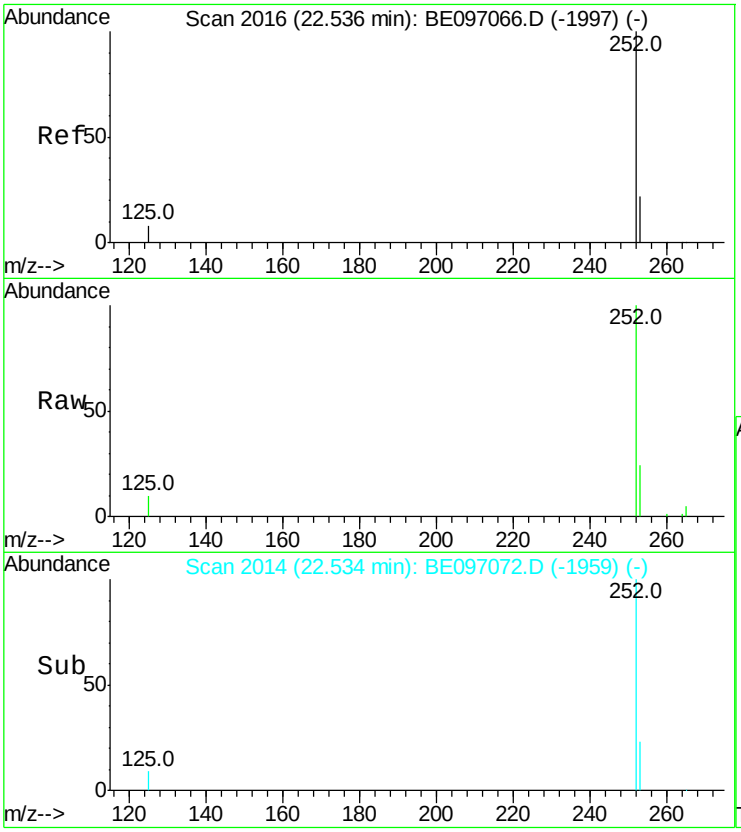


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:264 Resp: 7793

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.5	30.7
265	26.7	22.8	34.2



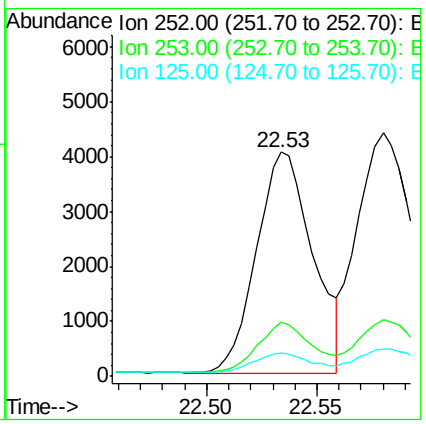


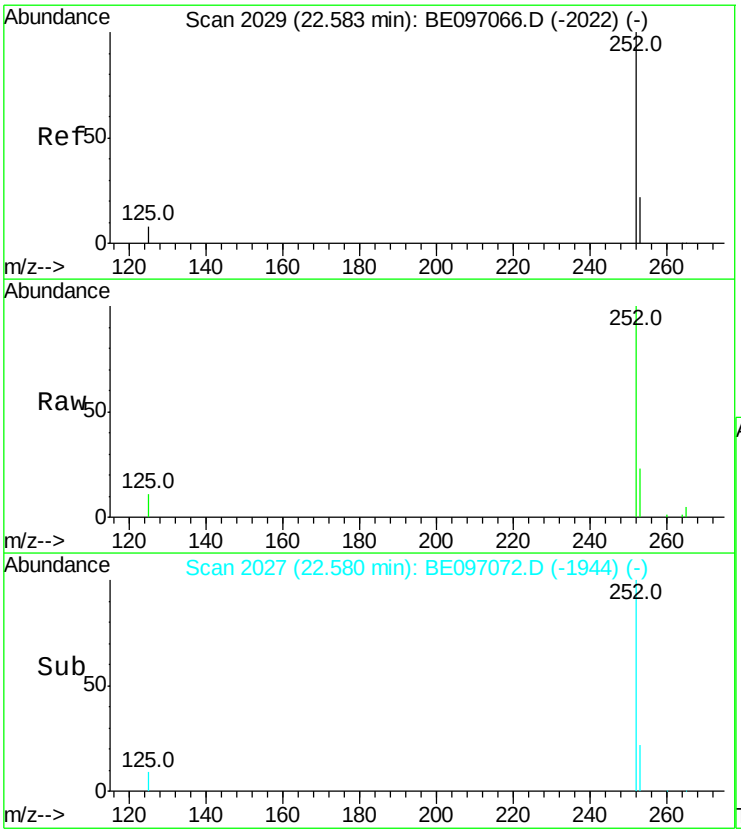
#35
Benzo(b)fluoranthene
Concen: 0.361 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7146

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	10.3	16.0	24.0#

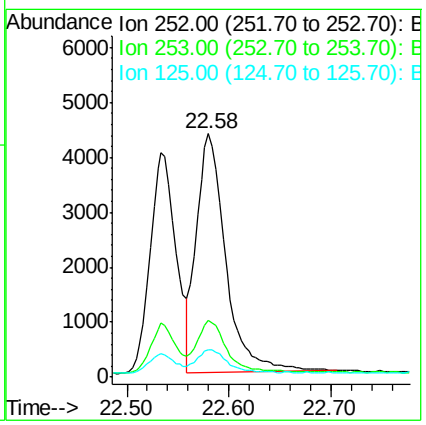


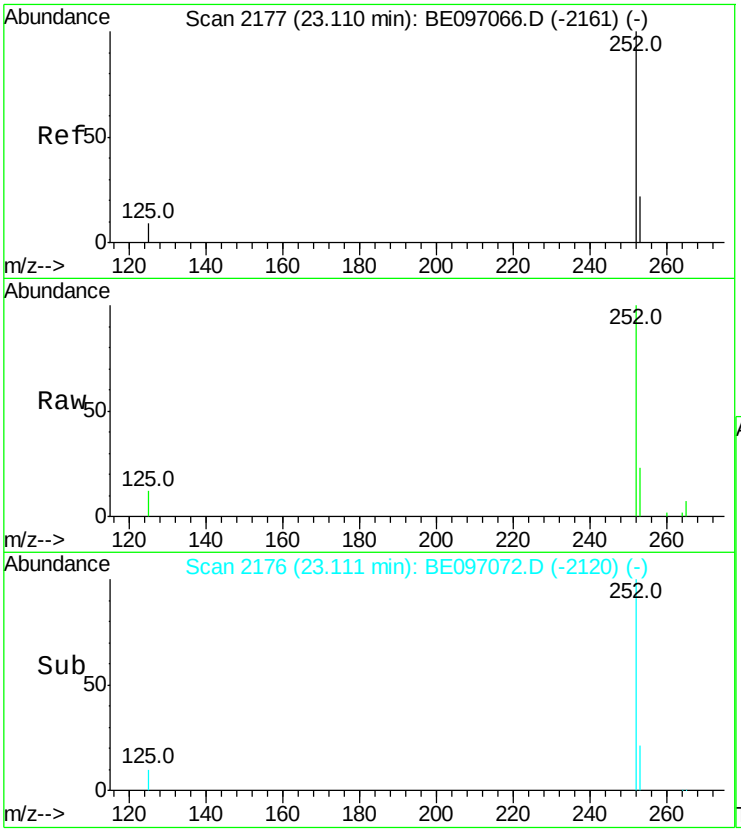


#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:252 Resp: 8615

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	11.0	8.0	12.0



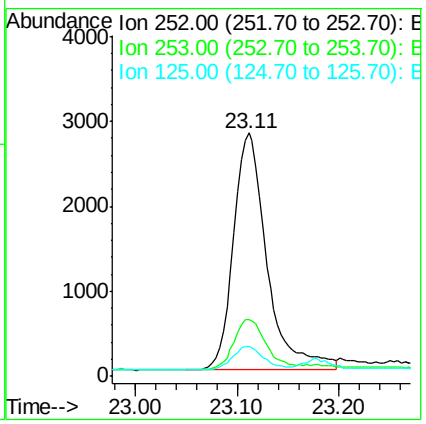


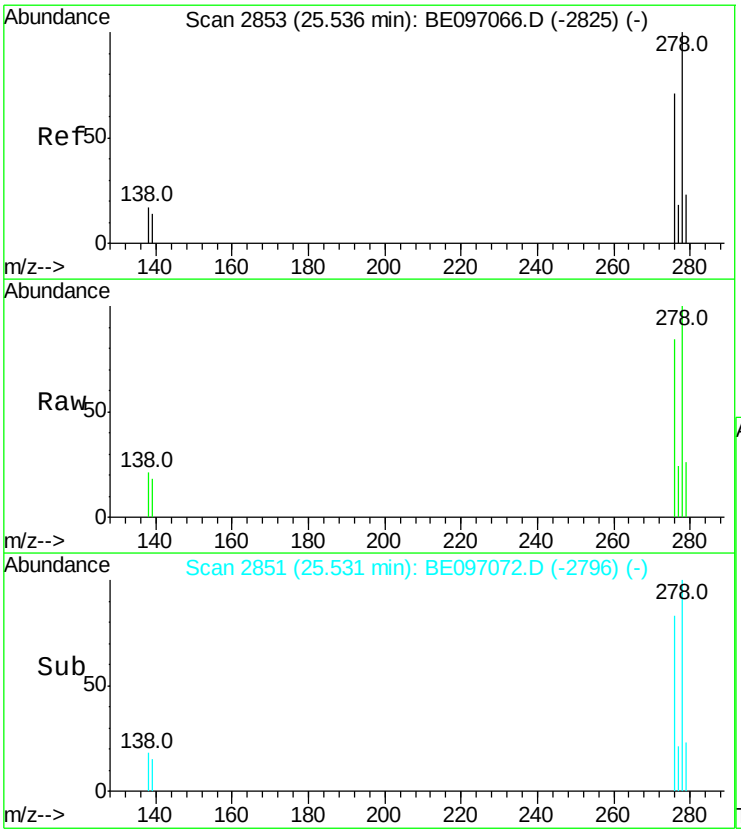
#37
Benzo(a)pyrene
Concen: 0.344 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6399

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.0	24.0
125	12.4	12.0	18.0

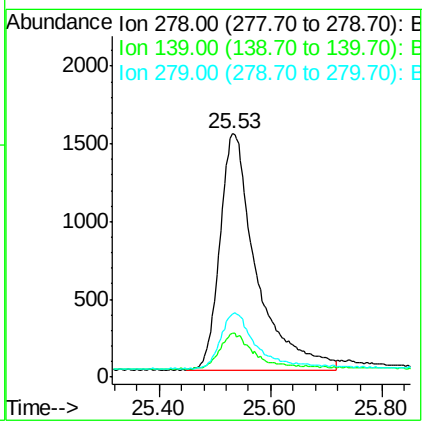


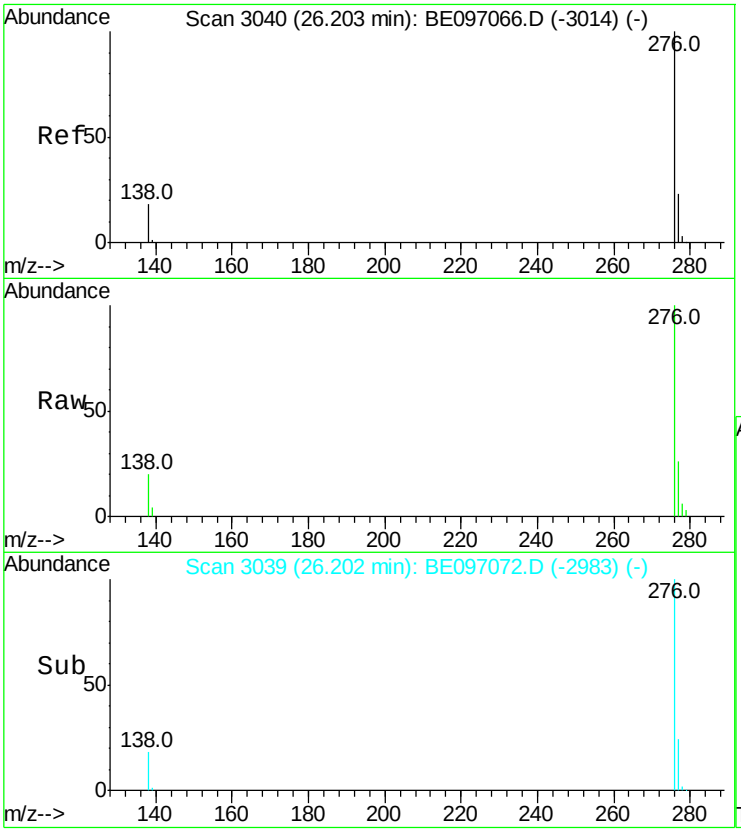


#38
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.53 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Tgt Ion:278 Resp: 6904

Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.0	24.0
279	26.1	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.363 ng
RT: 26.20 min Scan# 3039
Delta R.T. -0.00 min
Lab File: BE097072.D
Acq: 24 Jul 2018 14:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7161

Ion	Ratio	Lower	Upper
276	100		
277	26.4	16.0	24.0#
138	20.3	20.0	30.0