Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097491.D
Acq On : 17 Sep 2018 11:20
Operator : SJ/JU
Sample : SSTDICC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Sep 17 13:06:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 13:06:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	948	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	4408	0.40	ng		0.00
13) Acenaphthene-d10	14.00	164	2593	0.40	ng		0.00
19) Phenanthrene-d10	16.76	188	7024	0.40	ng		0.00
27) Chrysene-d12	20.97	240	8819	0.40	ng		0.00
34) Perylene-d12	23.21	264	8875	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	1136	0.41	ng		0.00
5) Phenol-d6	6.61	99	1303	0.35	ng		0.00
8) Nitrobenzene-d5	8.53	82	1182	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.72	152	2330	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.53	330	442	0.50	ng		0.00
15) 2-Fluorobiphenyl	12.62	172	3368	0.35	ng		0.00
25) Fluoranthene-d10	18.80	212	30660	0.38	ng		0.00
29) Terphenyl-d14	19.42	244	6021	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	623	0.370	ng	#	86
3) n-Nitrosodimethylamine	3.38	42	447	0.284	ng	#	88
6) bis(2-Chloroethyl)ether	6.82	93	1206	0.350	ng		77
9) Naphthalene	10.17	128	14947	0.372	ng		99
10) Hexachlorobutadiene	10.46	225	709	0.395	ng		97
12) 2-Methylnaphthalene	11.79	142	2336	0.369	ng		99
16) Acenaphthylene	13.71	152	4042	0.392	ng		100
17) Acenaphthene	14.06	154	2588	0.376	ng		96
18) Fluorene	15.06	166	3289	0.378	ng	#	80
20) 4-Bromophenyl-phenylether	15.96	248	1201	0.376	ng	#	82
21) Hexachlorobenzene	16.07	284	1326	0.375	ng	#	82
22) Pentachlorophenol	16.48	266	99	0.102	ng		96
23) Phenanthrene	16.80	178	6125	0.366	ng		99
24) Anthracene	16.89	178	5532	0.389	ng		96
26) Fluoranthene	18.83	202	7867	0.375	ng		98
28) Pyrene	19.20	202	8375	0.399	ng		99
30) Benzo(a)anthracene	20.95	228	8225	0.369	ng		98
31) Chrysene	21.00	228	9158	0.381	ng		98
32) Bis(2-ethylhexyl)phthalate	20.91	149	18629	0.621	ng	#	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	10530	0.309	ng	#	92
35) Benzo(b)fluoranthene	22.53	252	8214	0.324	ng	#	92
36) Benzo(k)fluoranthene	22.58	252	9266	0.330	ng	#	90
37) Benzo(a)pyrene	23.11	252	8330	0.364	ng	#	90
38) Dibenzo(a,h)anthracene	25.52	278	8635	0.287	ng		94
39) Benzo(g,h,i)perylene	26.21	276	8976	0.289	ng	#	89

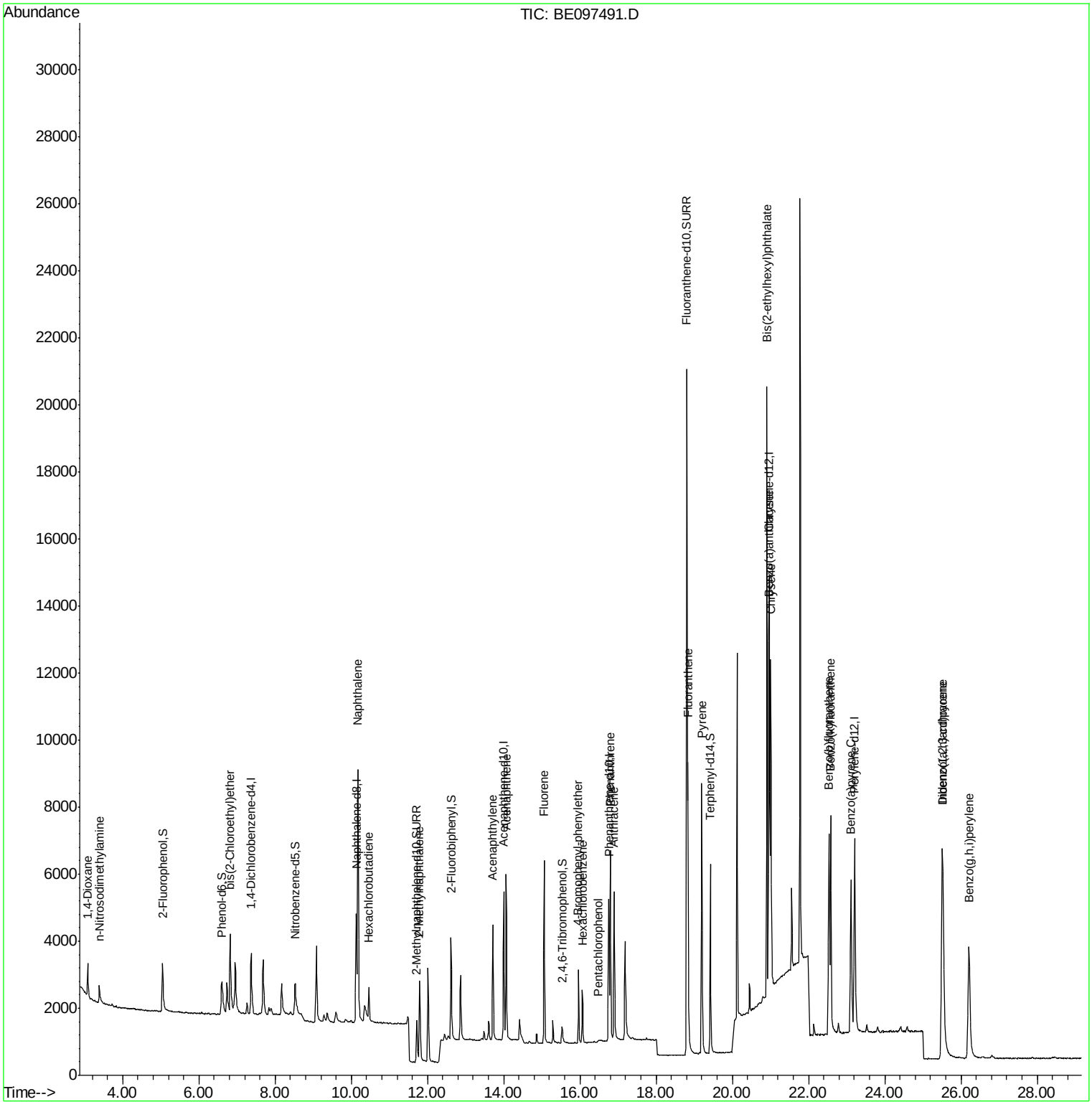
(#) = qualifier out of range (m) = manual integration (+) = signals summed

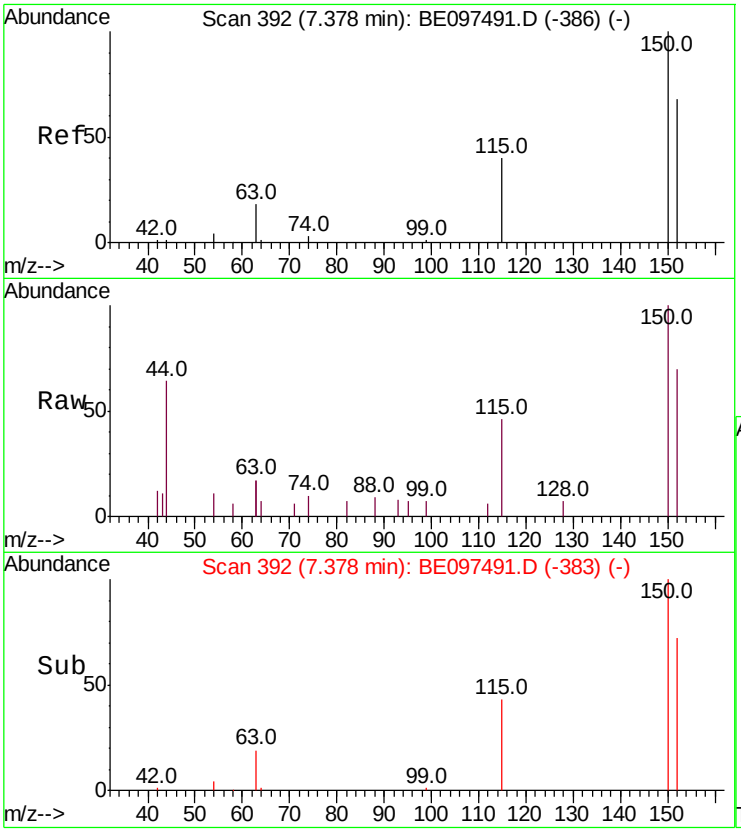
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
Data File : BE097491.D
Acq On : 17 Sep 2018 11:20
Operator : SJ/JU
Sample : SSTDICC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 17 13:06:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 17 13:06:03 2018
Response via : Initial Calibration



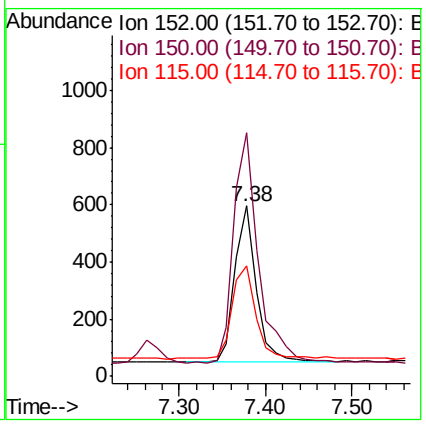


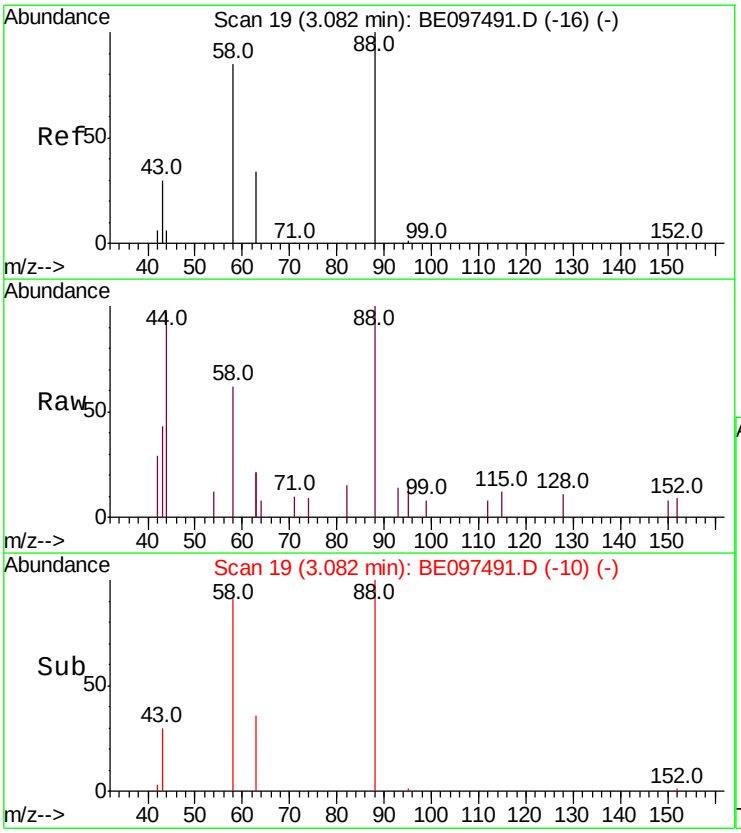
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 948

Ion	Ratio	Lower	Upper
152	100		
150	143.0	117.2	175.8
115	65.1	57.0	85.6

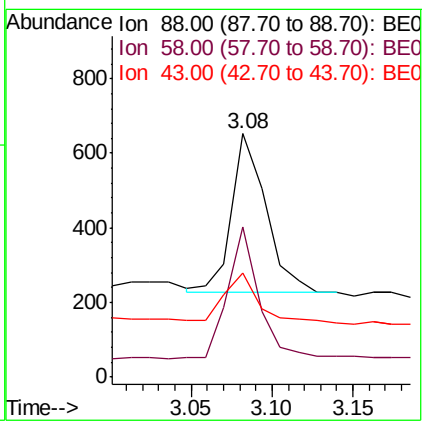


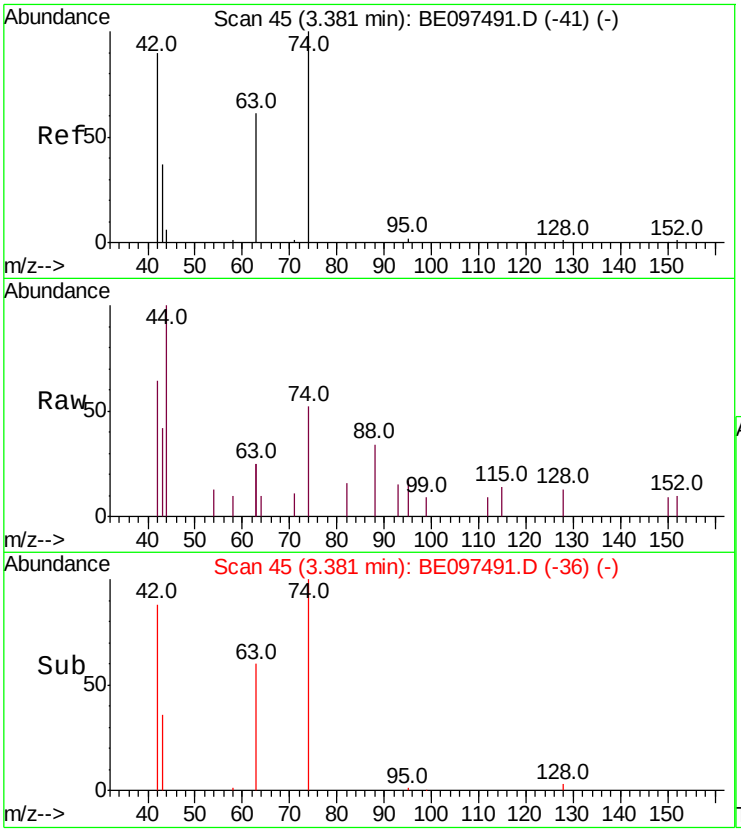


#2
1,4-Dioxane
Concen: 0.370 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion: 88 Resp: 623

Ion	Ratio	Lower	Upper
88	100		
58	74.8	63.2	94.8
43	31.6	41.2	61.8#



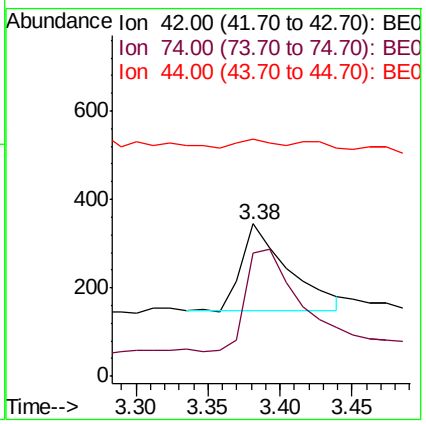


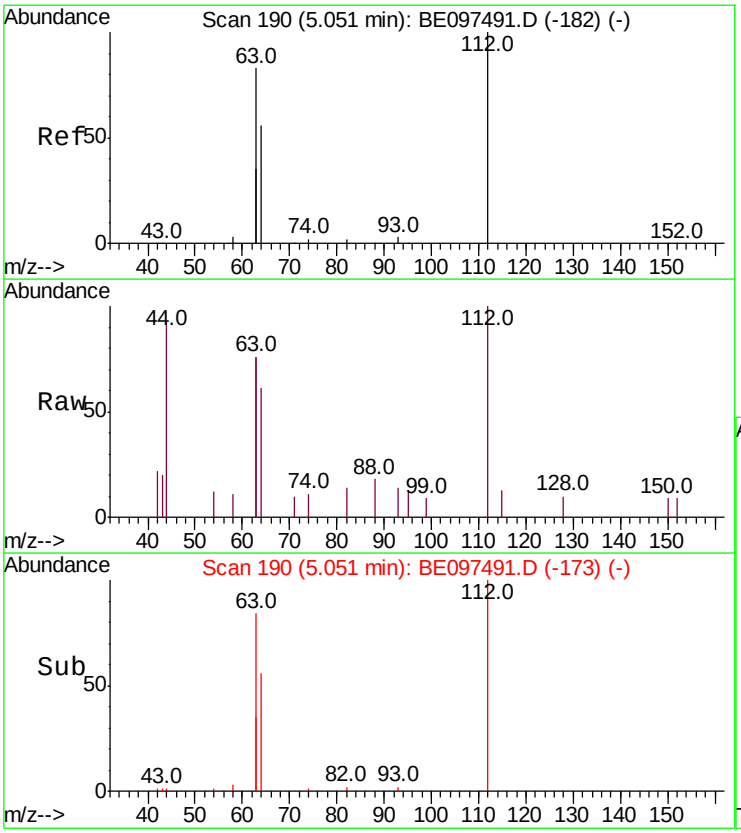
#3
n-Nitrosodimethylamine
Concen: 0.284 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 447

Ion	Ratio	Lower	Upper
42	100		
74	133.1	96.0	144.0
44	8.3	12.0	18.0#

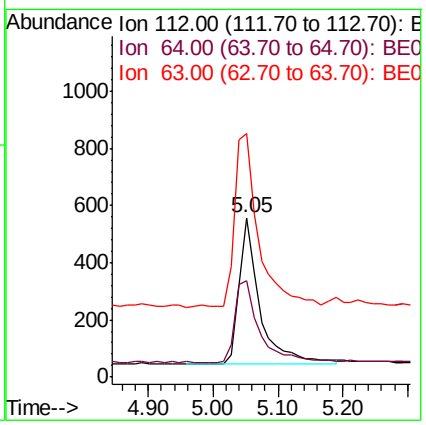


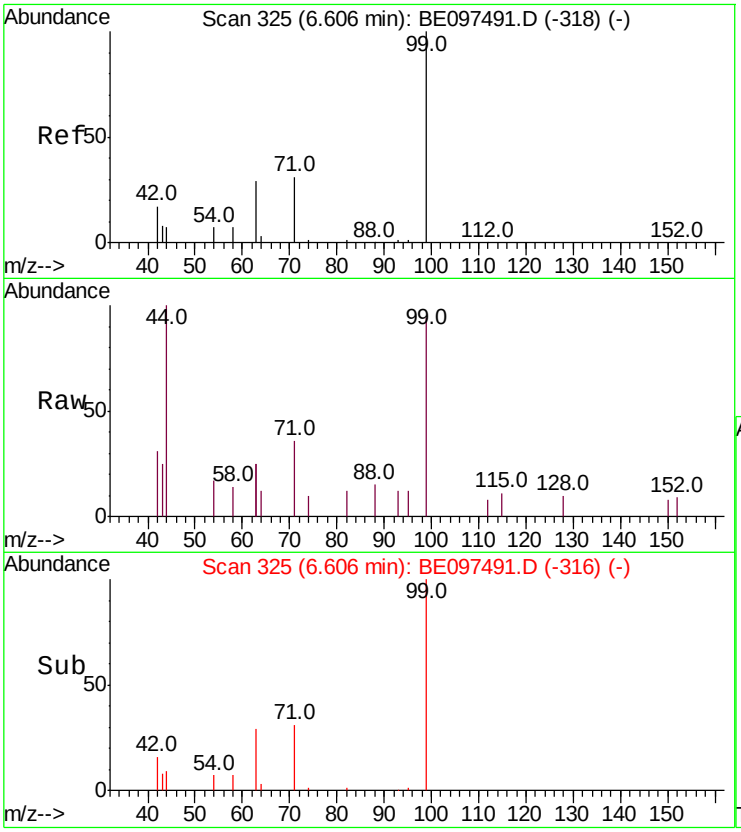


#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:112 Resp: 1136

Ion	Ratio	Lower	Upper
112	100		
64	65.7	60.1	90.1
63	133.4	116.8	175.2



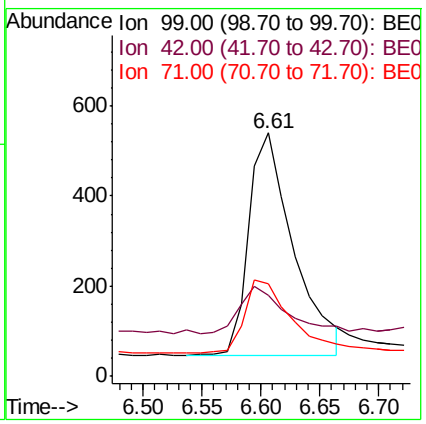


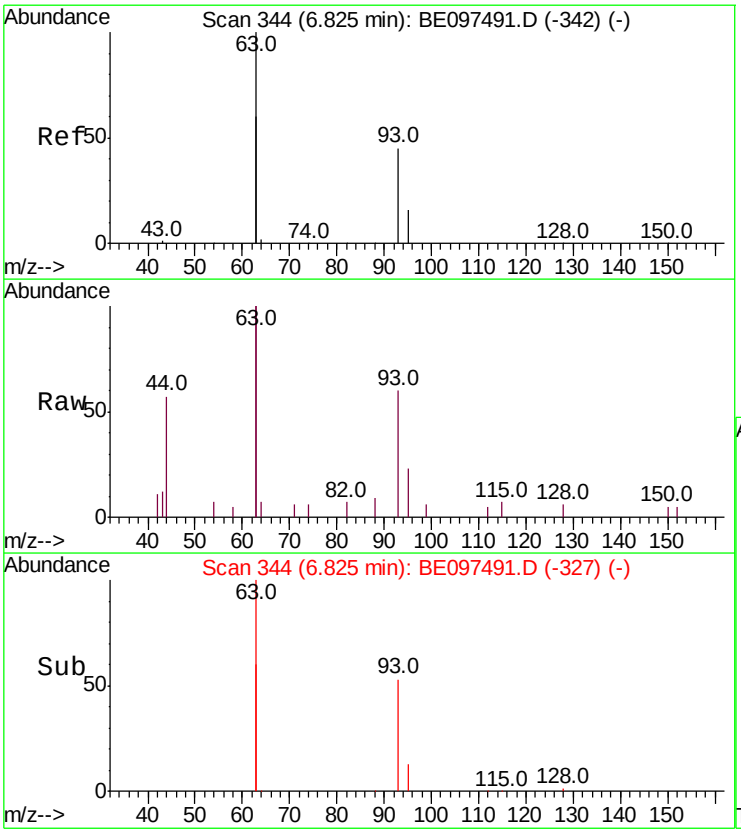
#5
Phenol-d6
Concen: 0.348 ng
RT: 6.61 min Scan# 325
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 1303

Ion	Ratio	Lower	Upper
99	100		
42	21.9	20.2	30.2
71	34.5	28.4	42.6

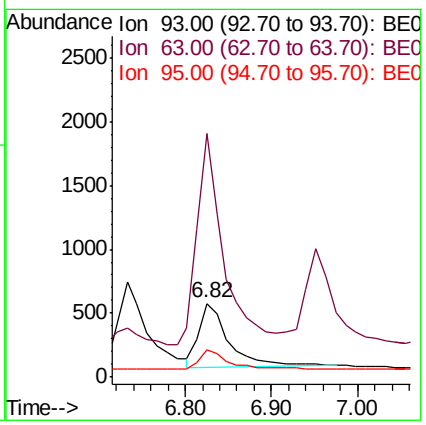


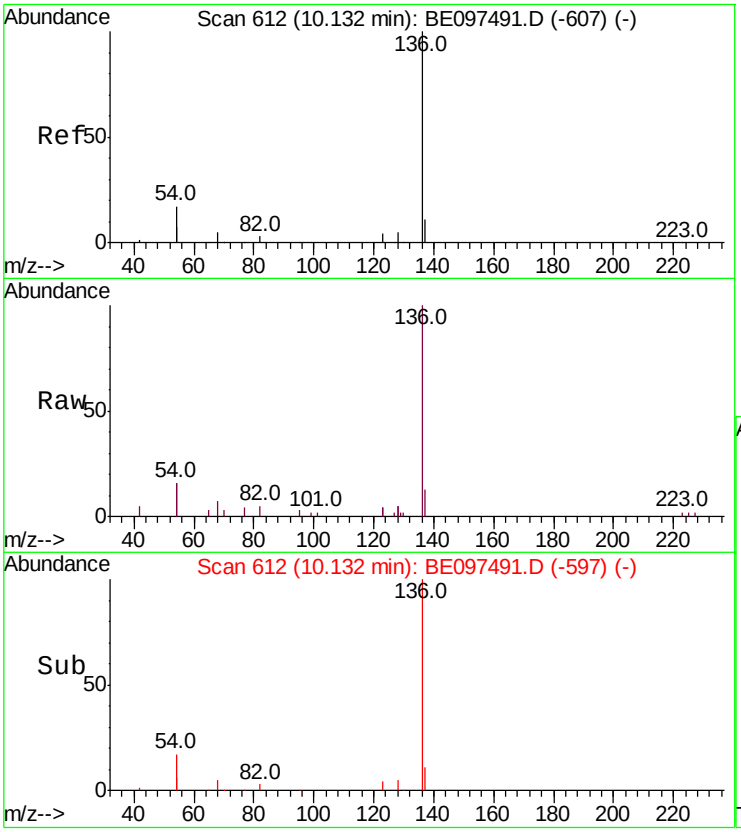


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 6.82 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion: 93 Resp: 1206

Ion	Ratio	Lower	Upper
93	100		
63	291.0	275.3	412.9
95	31.2	25.2	37.8



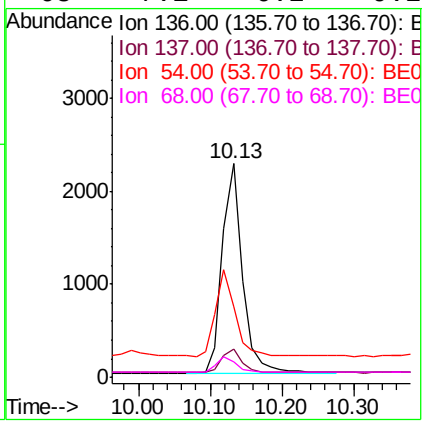


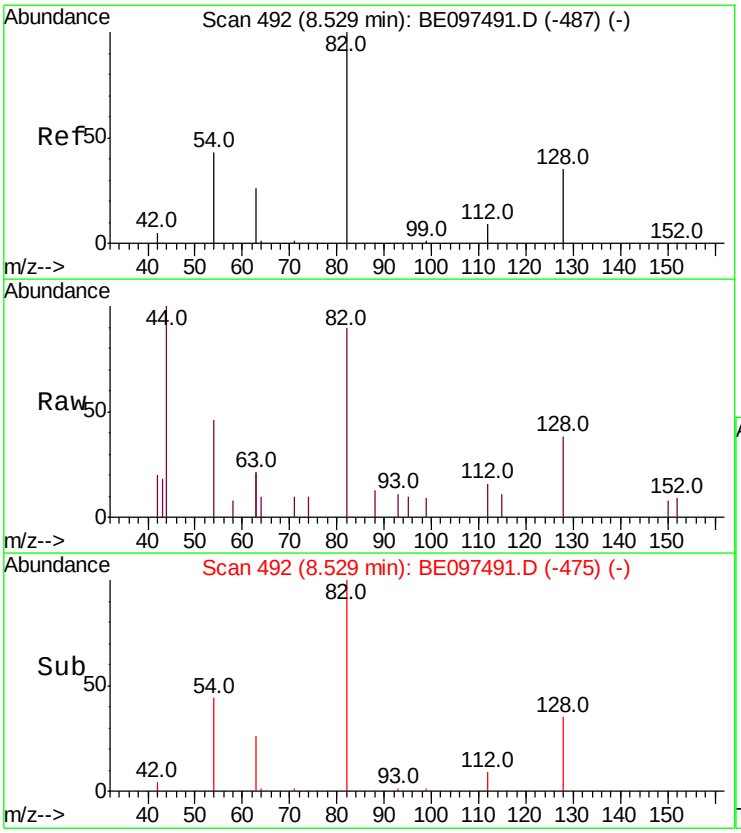
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.13 min Scan# 612
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 4408

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.5	14.3
54	32.8	29.1	43.7
68	7.1	6.2	9.2

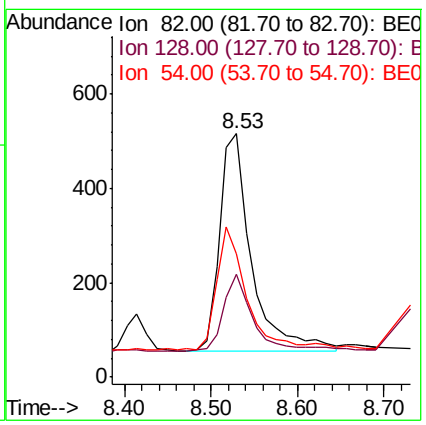


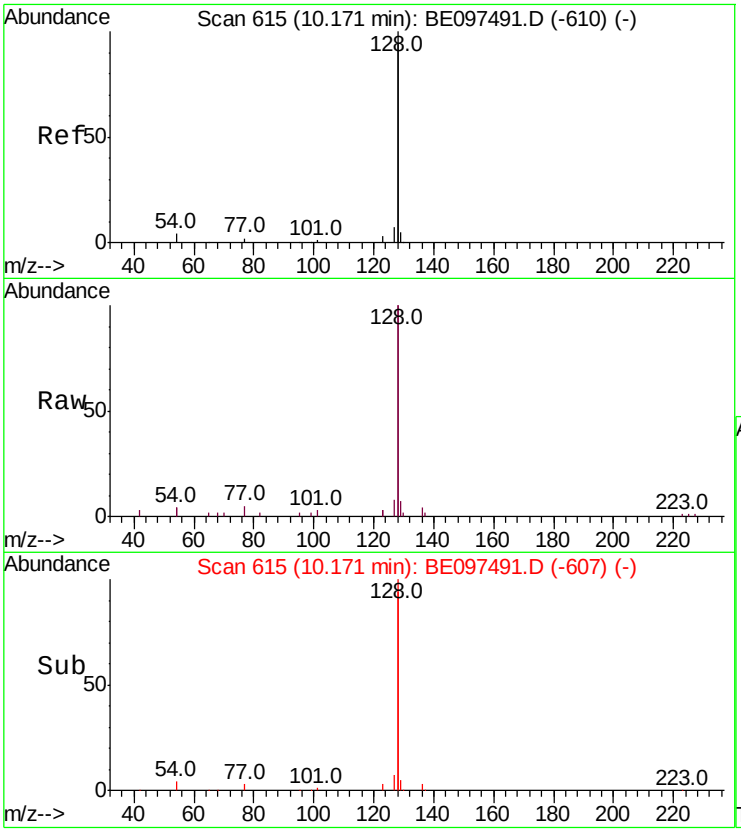


#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.53 min Scan# 492
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion: 82 Resp: 1182

Ion	Ratio	Lower	Upper
82	100		
128	42.4	24.0	36.0#
54	50.8	40.0	60.0



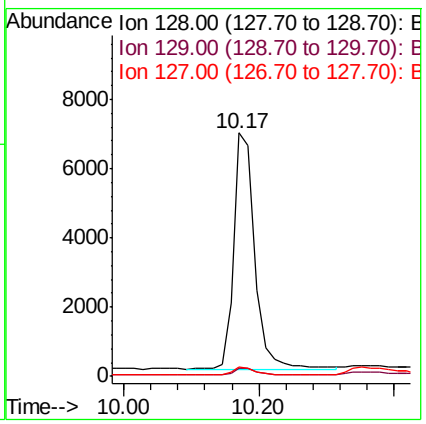


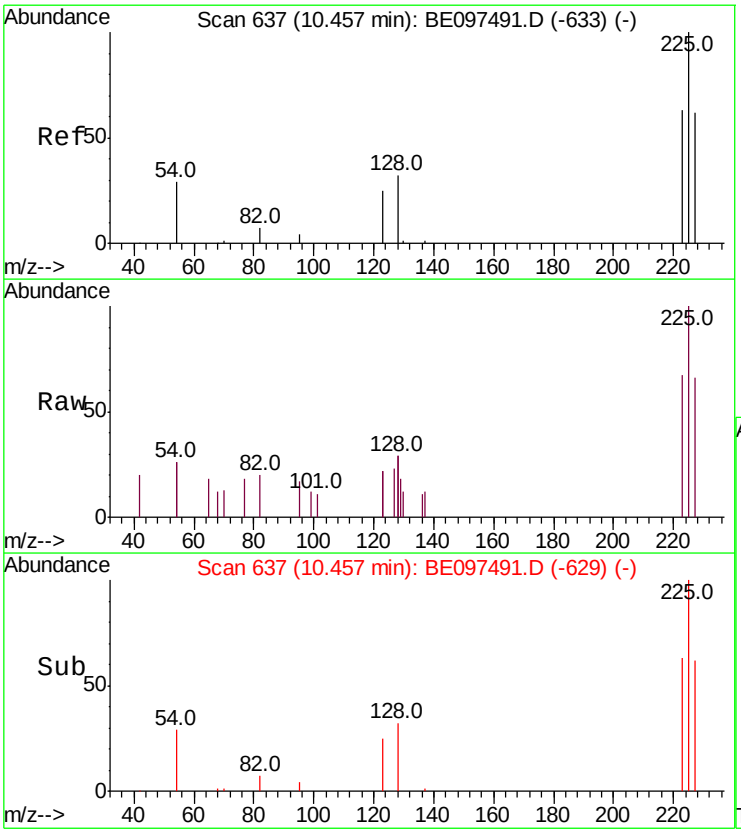
#9
Naphthalene
Concen: 0.372 ng
RT: 10.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 14947

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	4.0	2.8	4.2

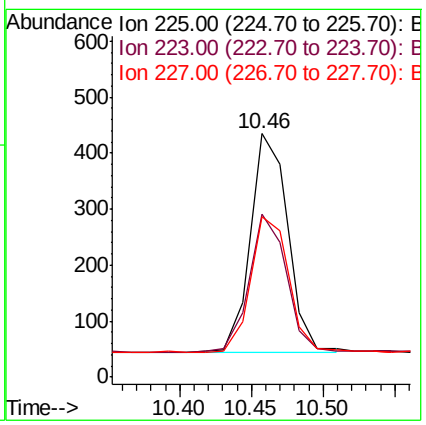


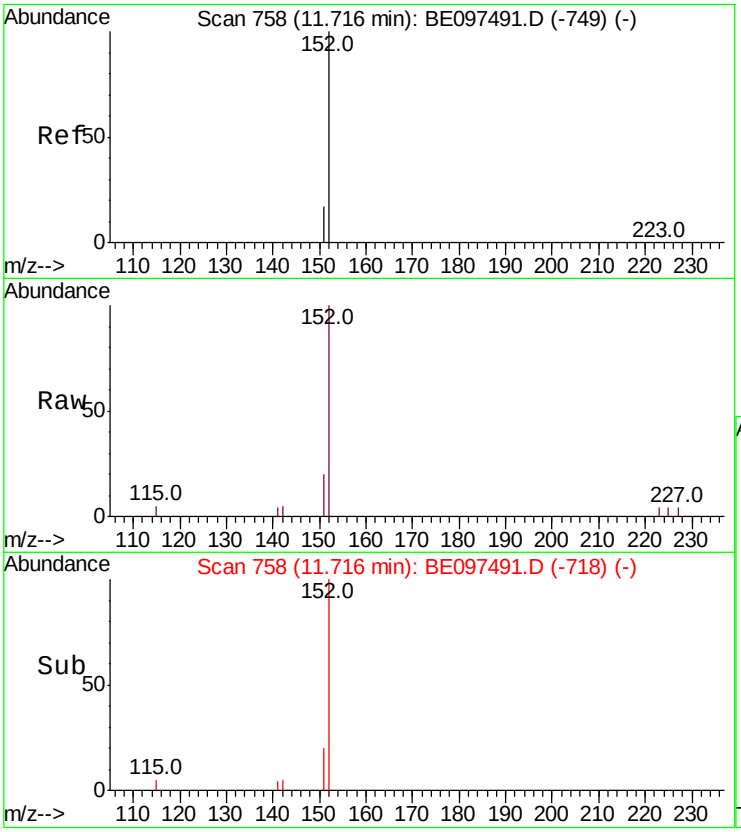


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.46 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:225 Resp: 709

Ion	Ratio	Lower	Upper
225	100		
223	62.3	53.0	79.6
227	63.3	51.4	77.2



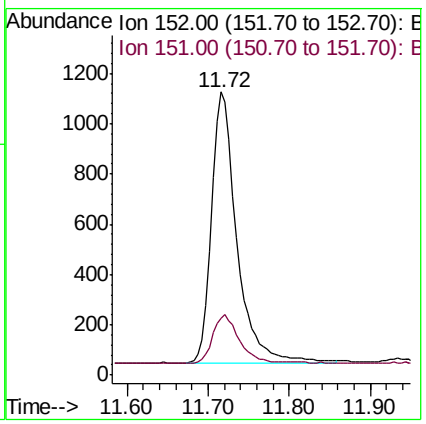


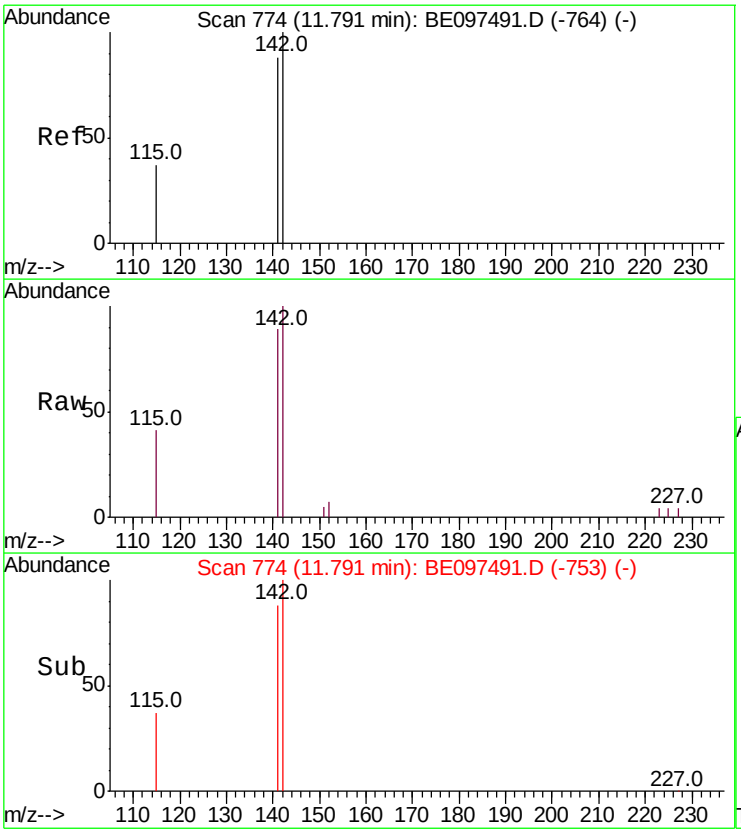
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.72 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2330

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.0

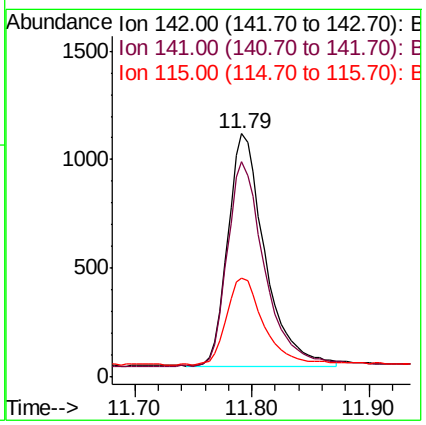


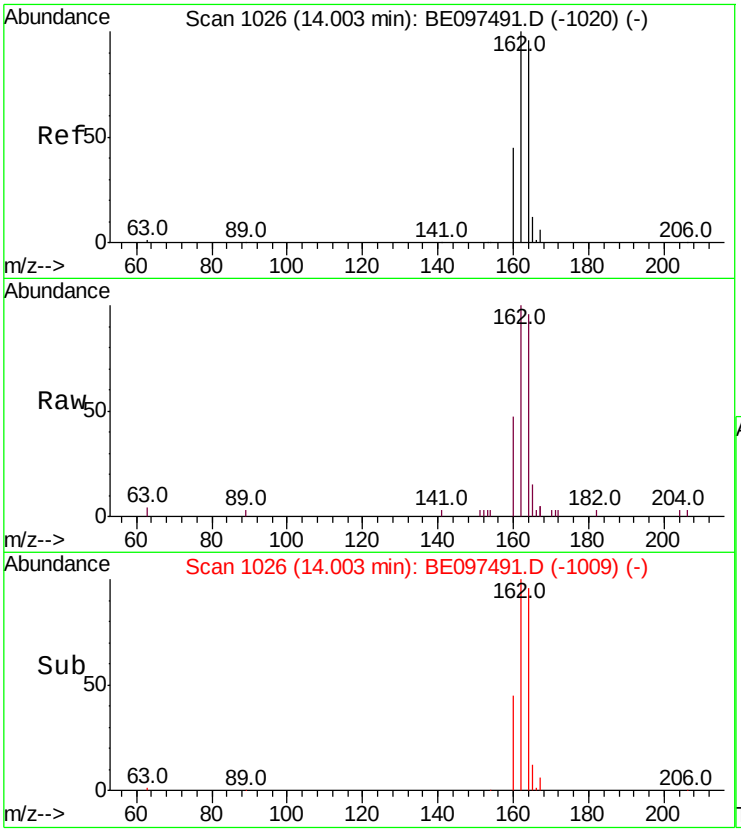


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 11.79 min Scan# 774
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:142 Resp: 2336

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	40.8	31.7	47.5



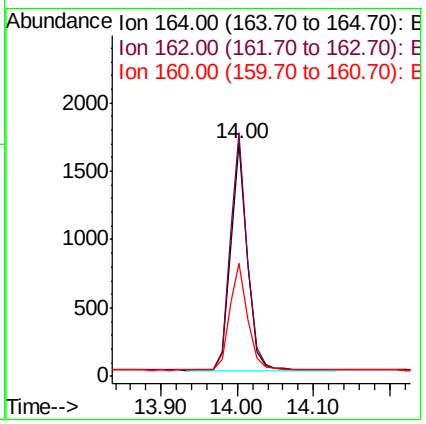


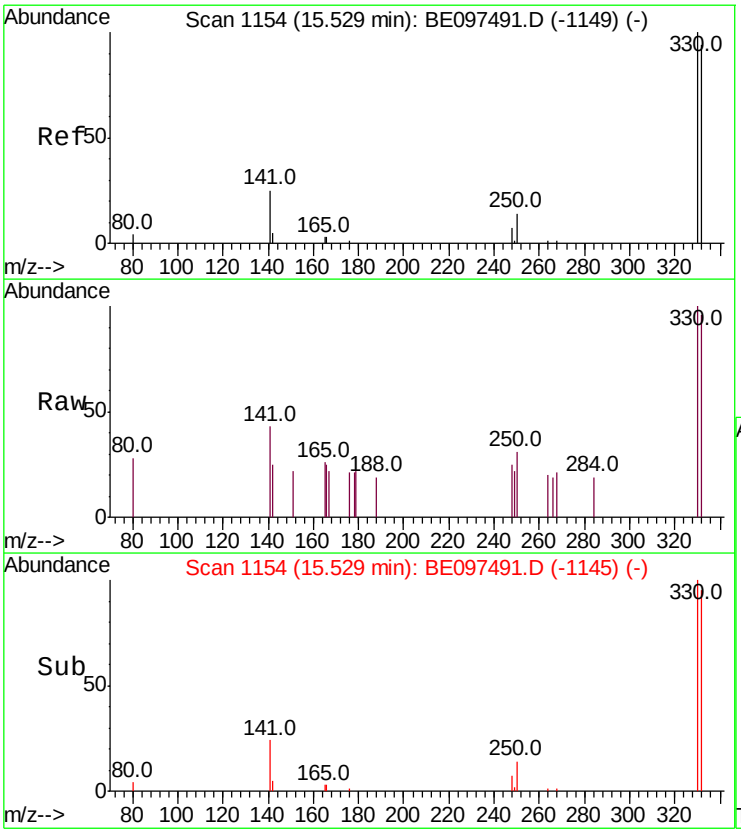
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 2593

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.1	124.7
160	48.7	37.1	55.7

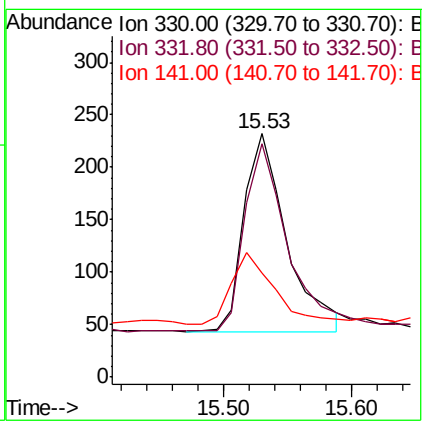


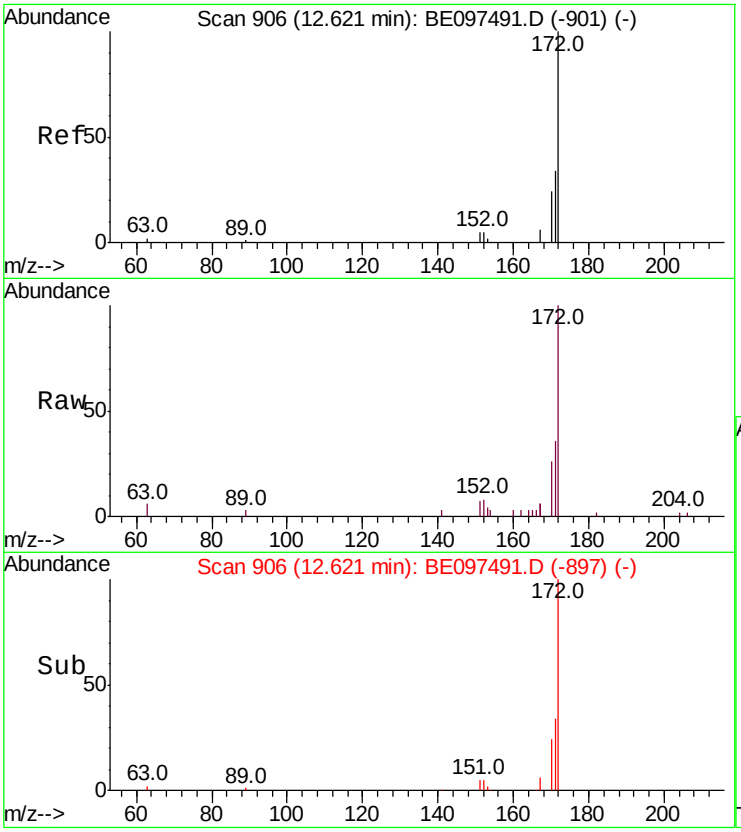


#14
2,4,6-Tribromophenol
Concen: 0.504 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:330 Resp: 442

Ion	Ratio	Lower	Upper
330	100		
332	93.9	152.7	229.1#
141	36.7	33.7	50.5



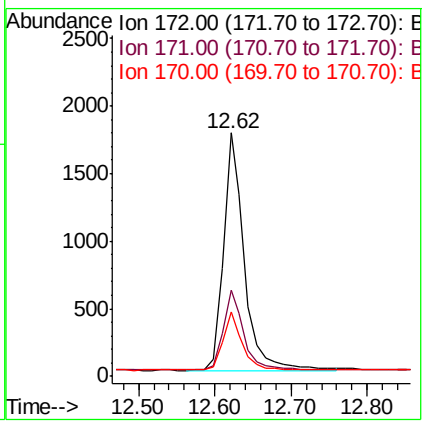


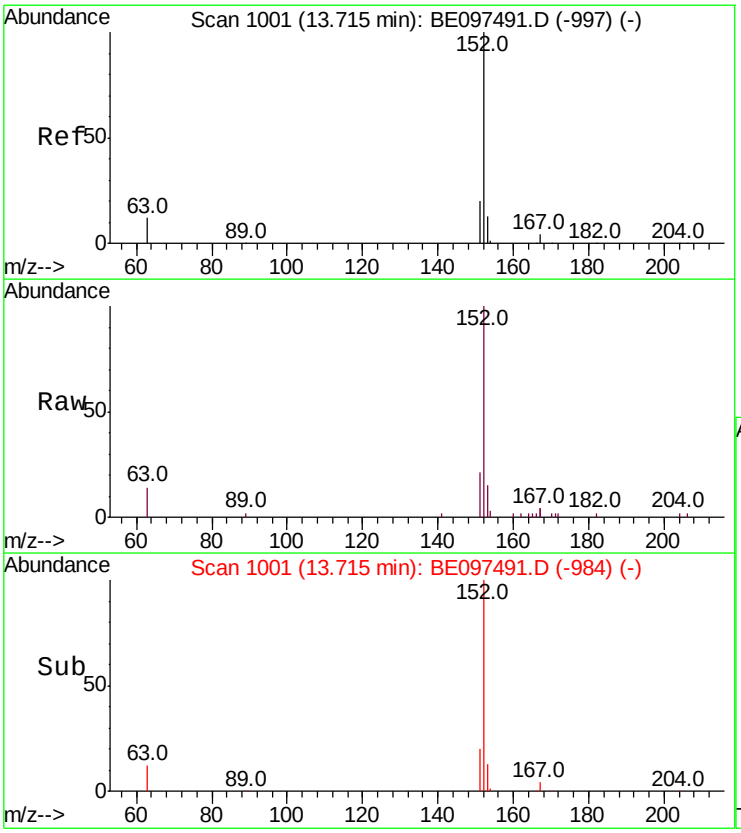
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 3368

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	26.4	21.8	32.8

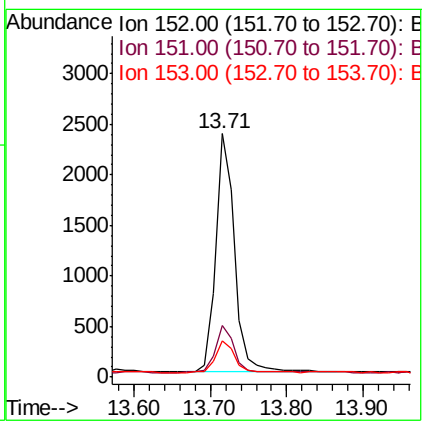


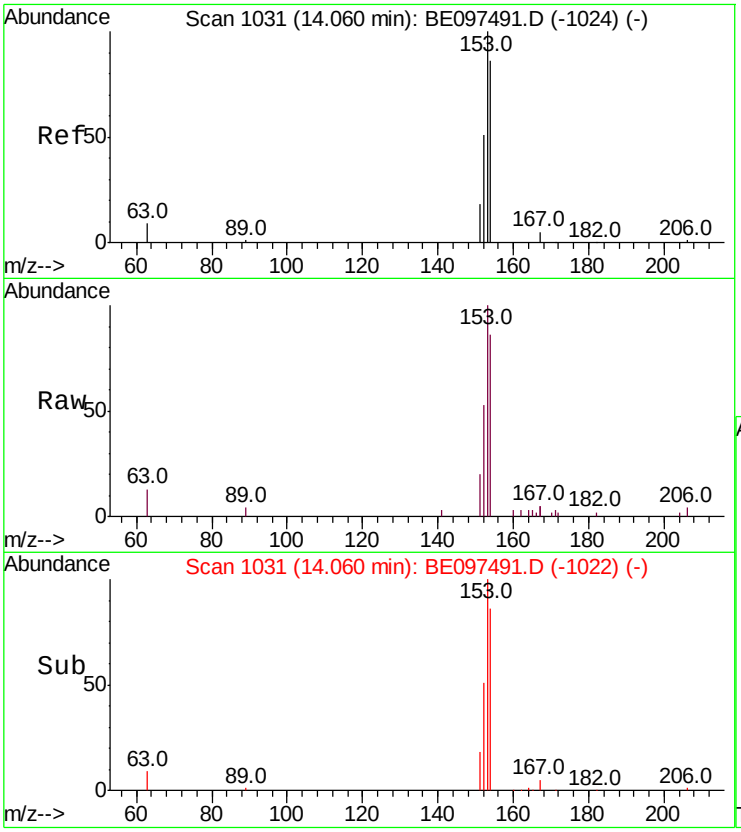


#16
Acenaphthylene
Concen: 0.392 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:152 Resp: 4042

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.5	10.5	15.7



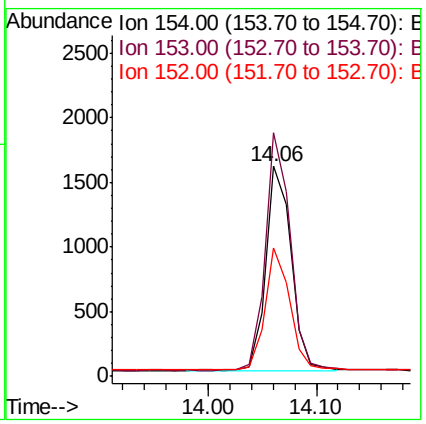


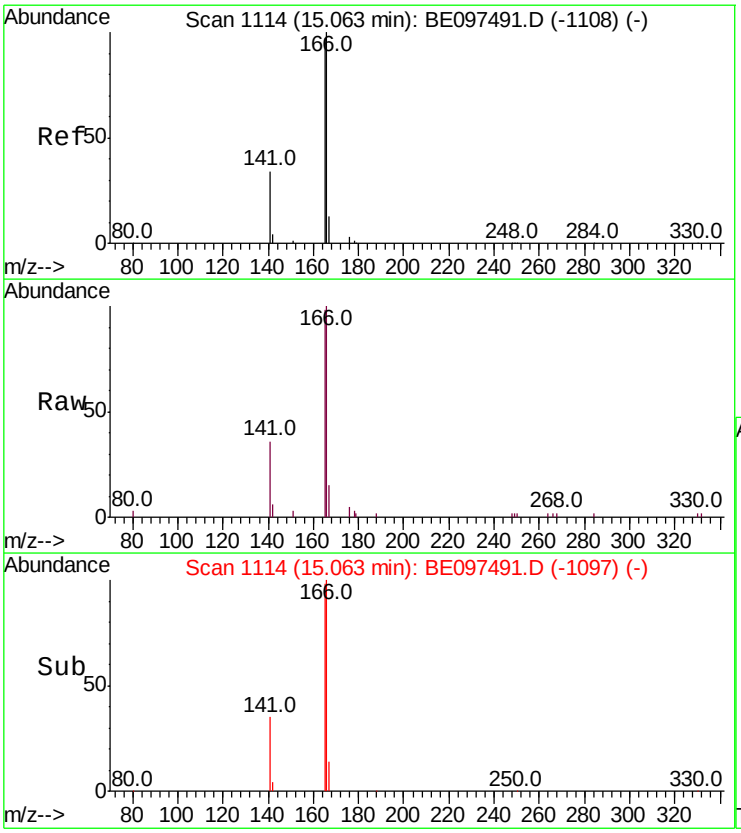
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 2588

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.2	133.8
152	57.9	42.0	63.0

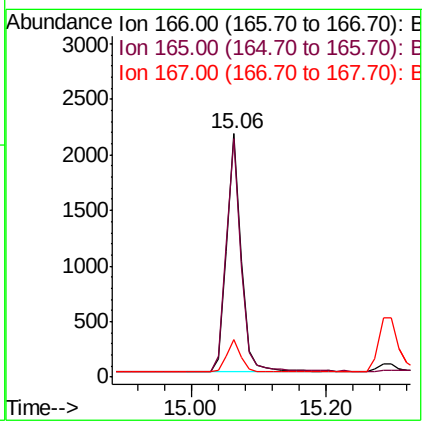


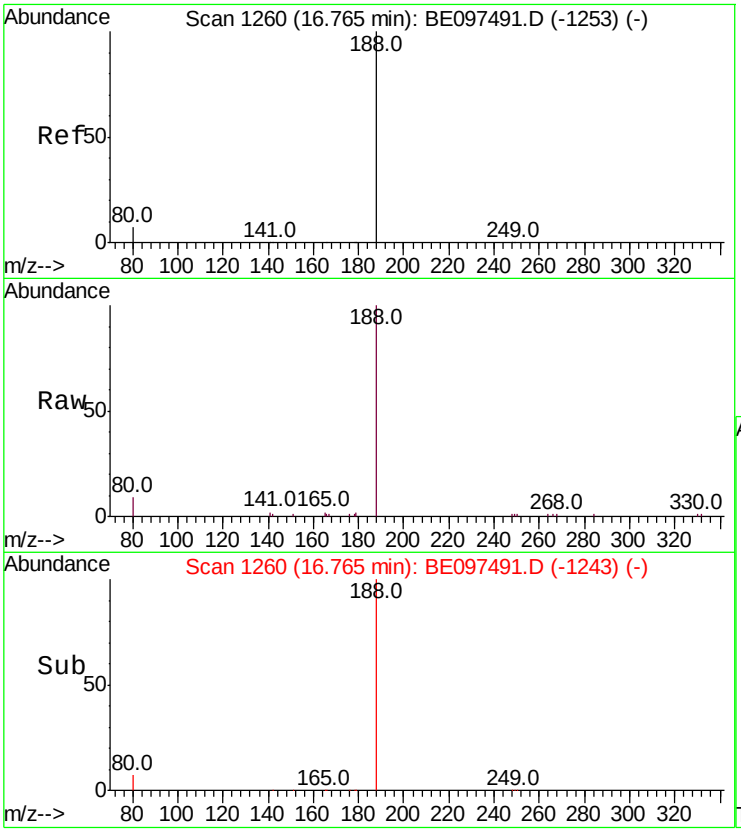


#18
Fluorene
Concen: 0.378 ng
RT: 15.06 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:166 Resp: 3289

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.8	116.6
167	13.8	42.4	63.6#



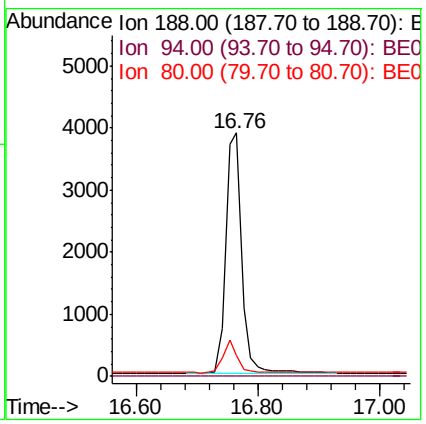


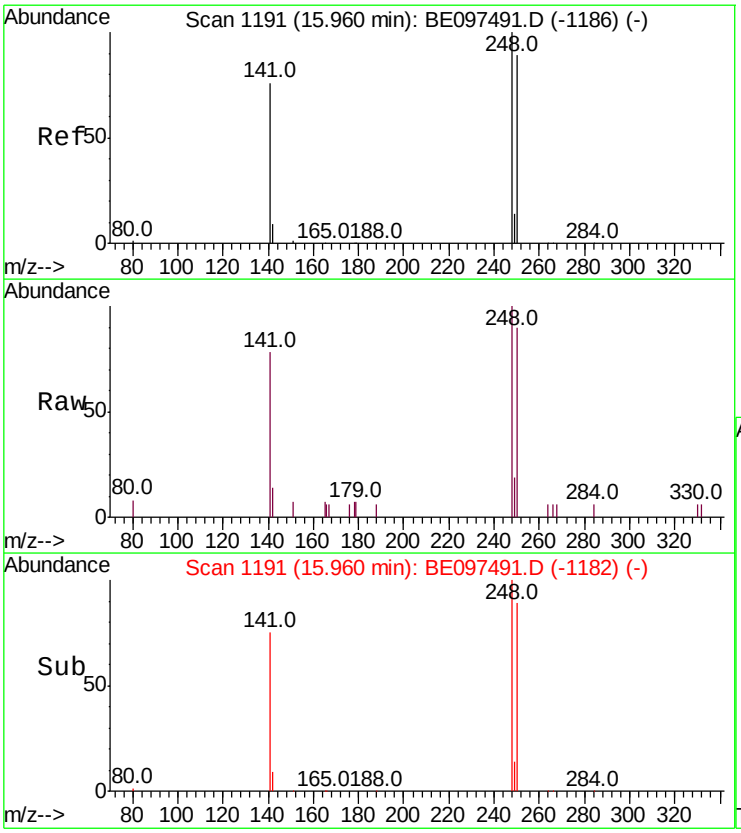
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 7024

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.6	3.6	5.4#

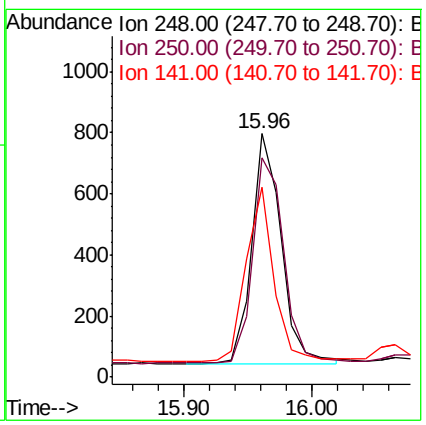


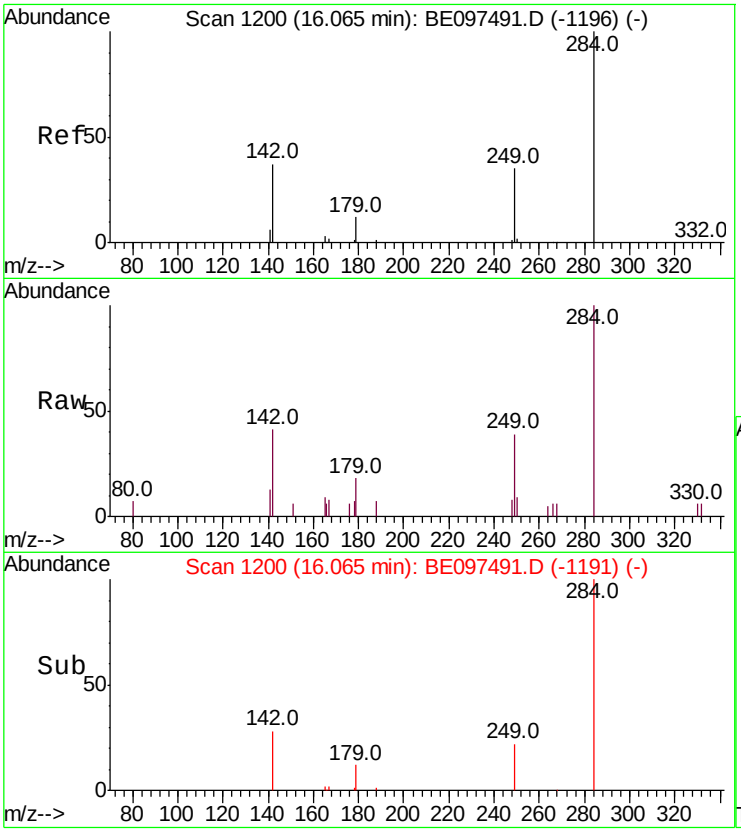


#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:248 Resp: 1201

Ion	Ratio	Lower	Upper
248	100		
250	90.3	62.7	94.1
141	78.2	48.2	72.2#



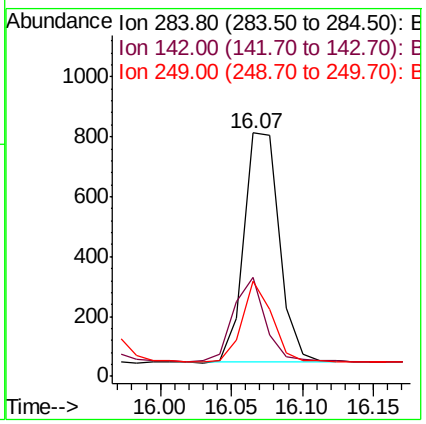


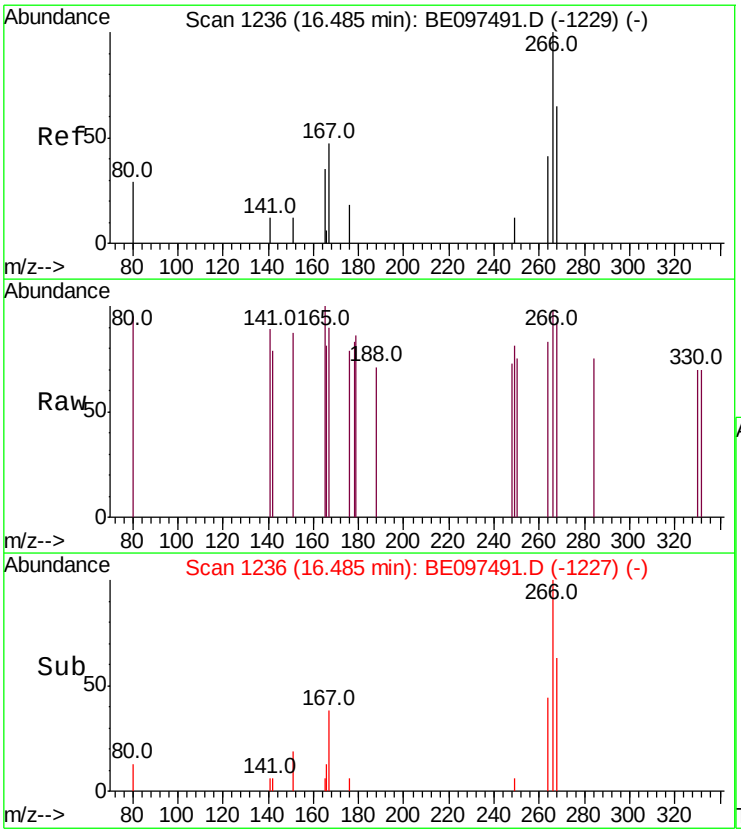
#21
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.07 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 1326

Ion	Ratio	Lower	Upper
284	100		
142	33.0	22.1	33.1
249	29.3	34.8	52.2#

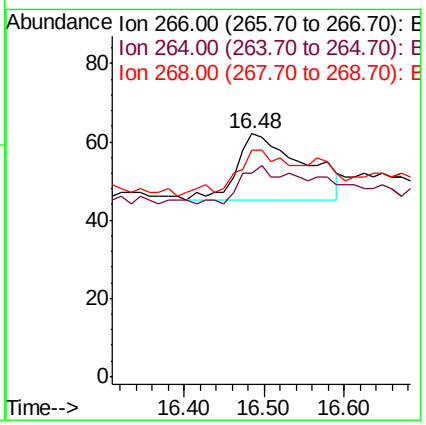


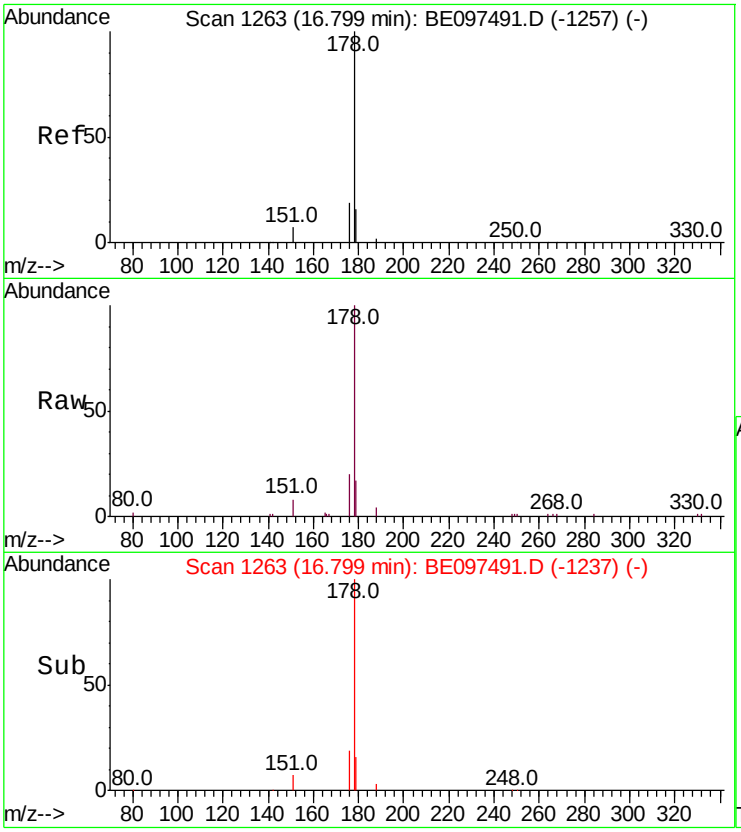


#22
Pentachlorophenol
Concen: 0.102 ng
RT: 16.48 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:266 Resp: 99

Ion	Ratio	Lower	Upper
266	100		
264	83.9	72.5	108.7
268	93.5	73.8	110.6



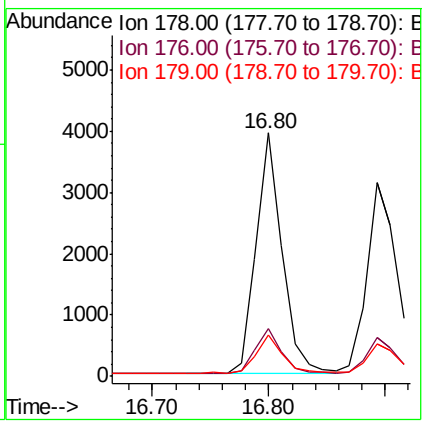


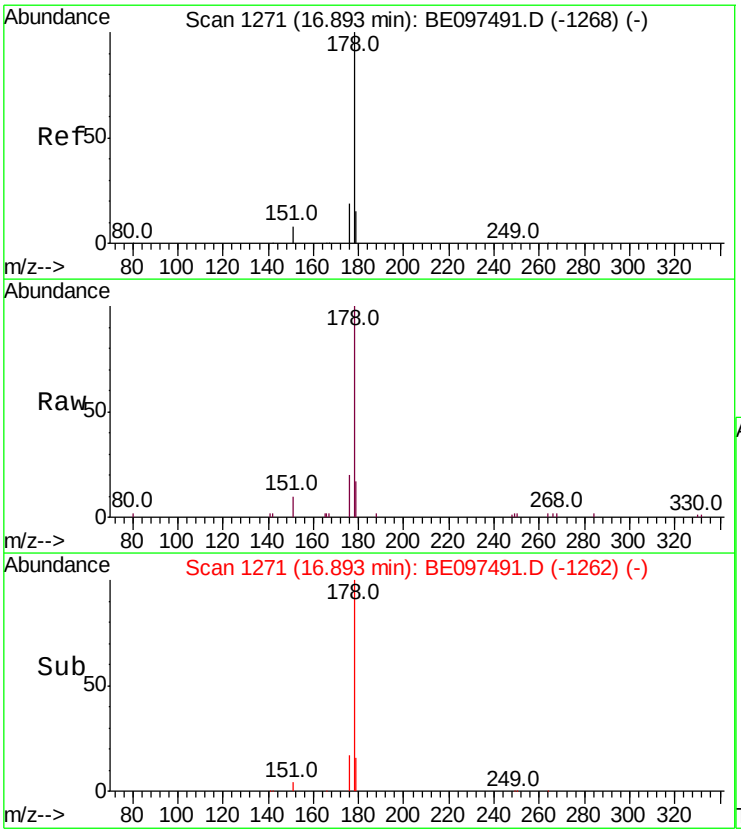
#23
Phenanthrene
Concen: 0.366 ng
RT: 16.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 6125

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.8	11.8	17.6

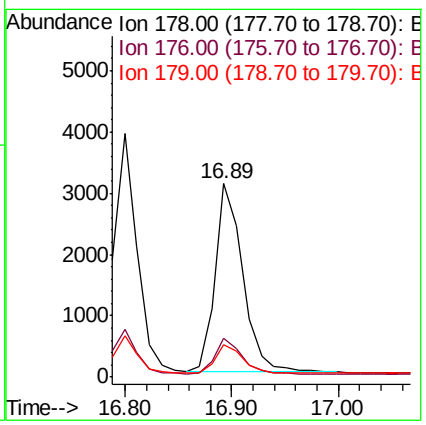


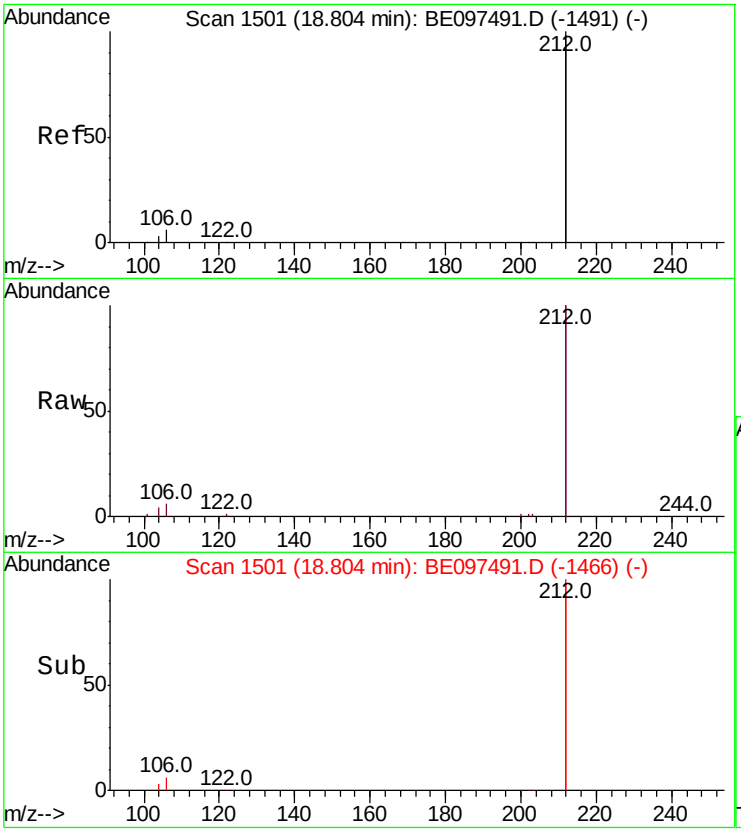


#24
Anthracene
Concen: 0.389 ng
RT: 16.89 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:178 Resp: 5532

Ion	Ratio	Lower	Upper
178	100		
176	18.4	12.8	19.2
179	15.1	13.0	19.6



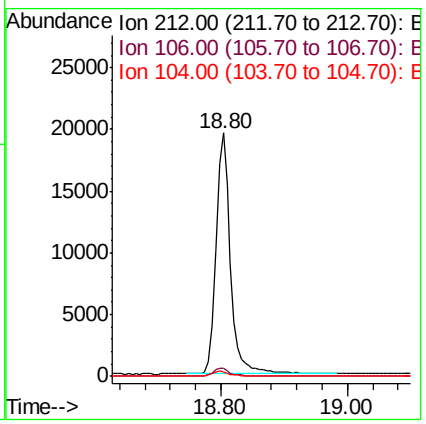


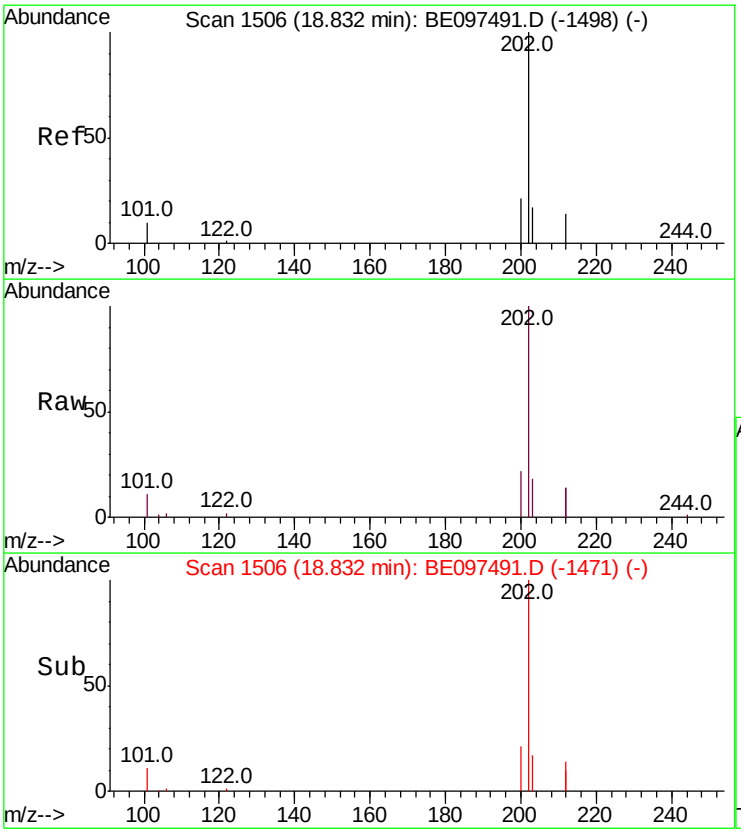
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 18.80 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 30660

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

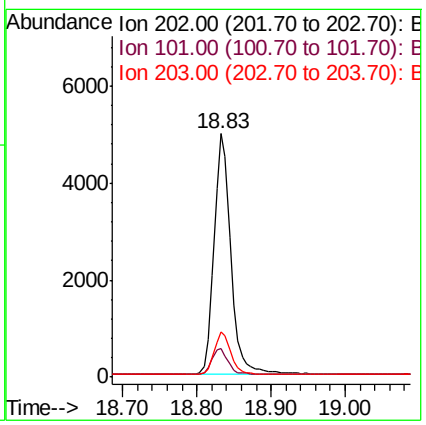


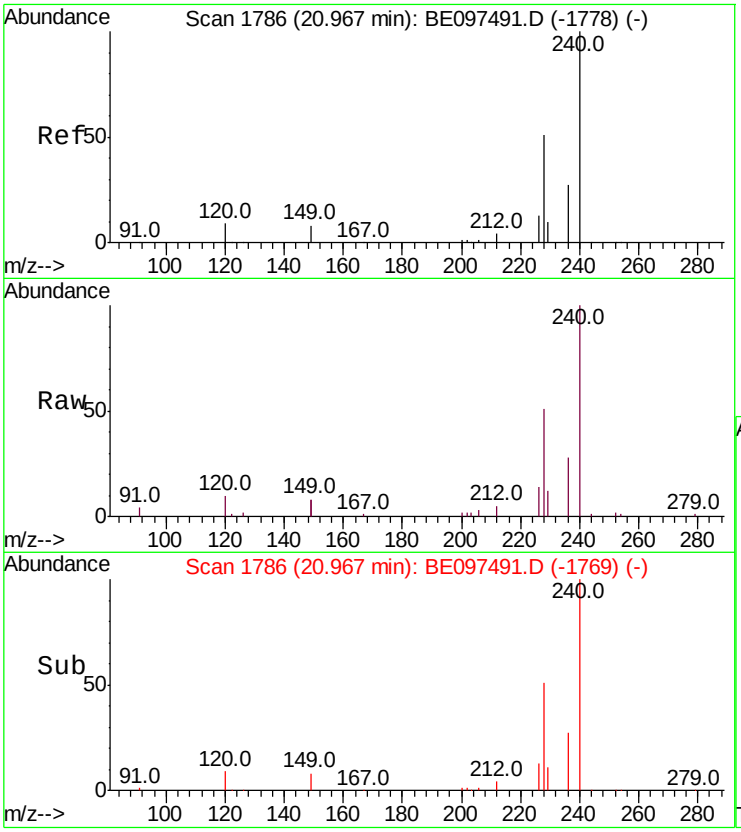


#26
Fluoranthene
Concen: 0.375 ng
RT: 18.83 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:202 Resp: 7867

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	17.2	13.7	20.5



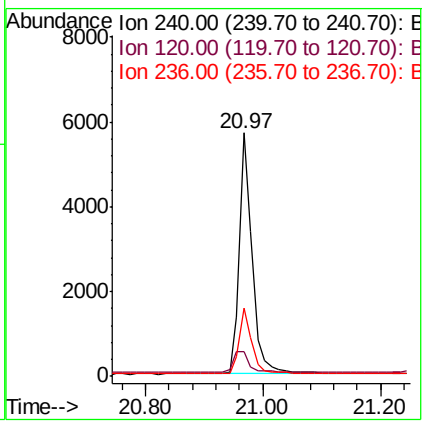


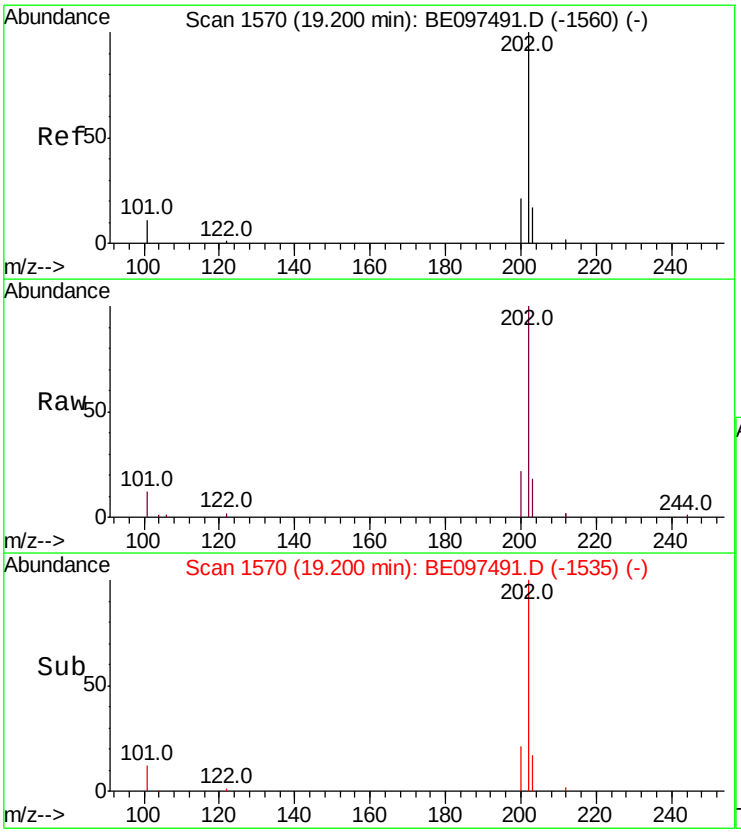
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 8819

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.5	8.3#
236	28.0	20.7	31.1

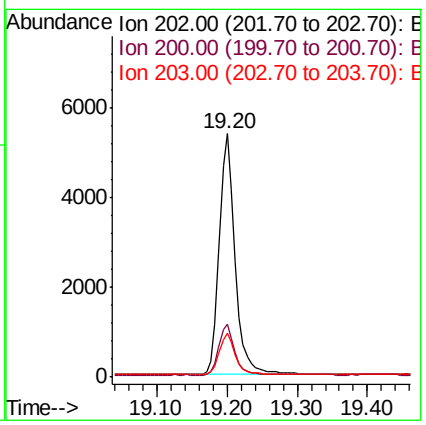


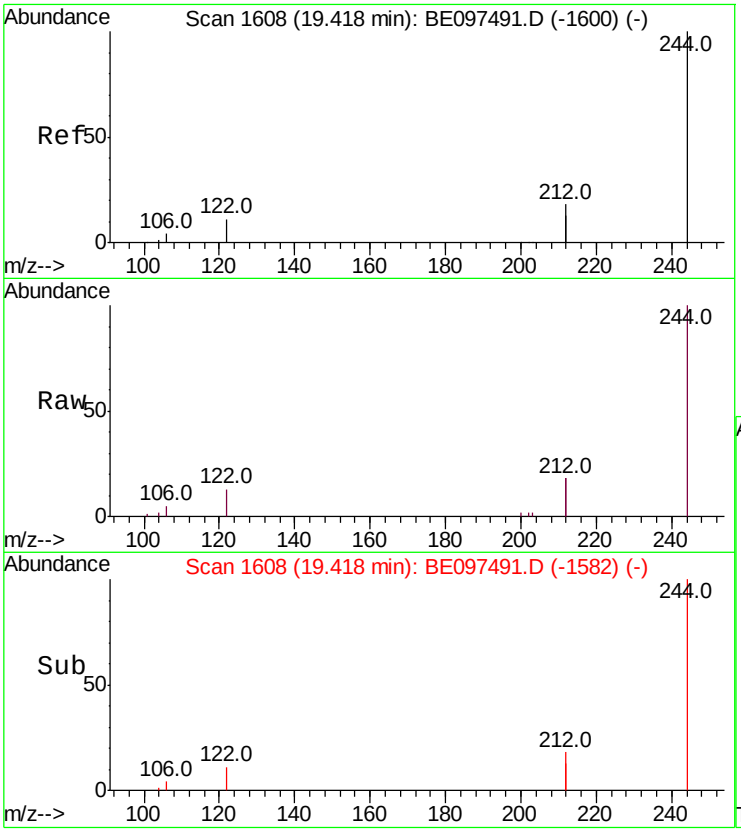


#28
Pyrene
Concen: 0.399 ng
RT: 19.20 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:202 Resp: 8375

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.4	13.8	20.8



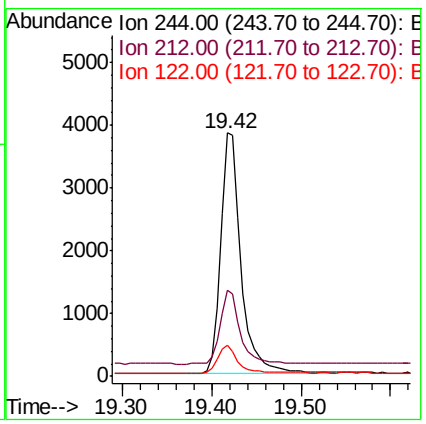


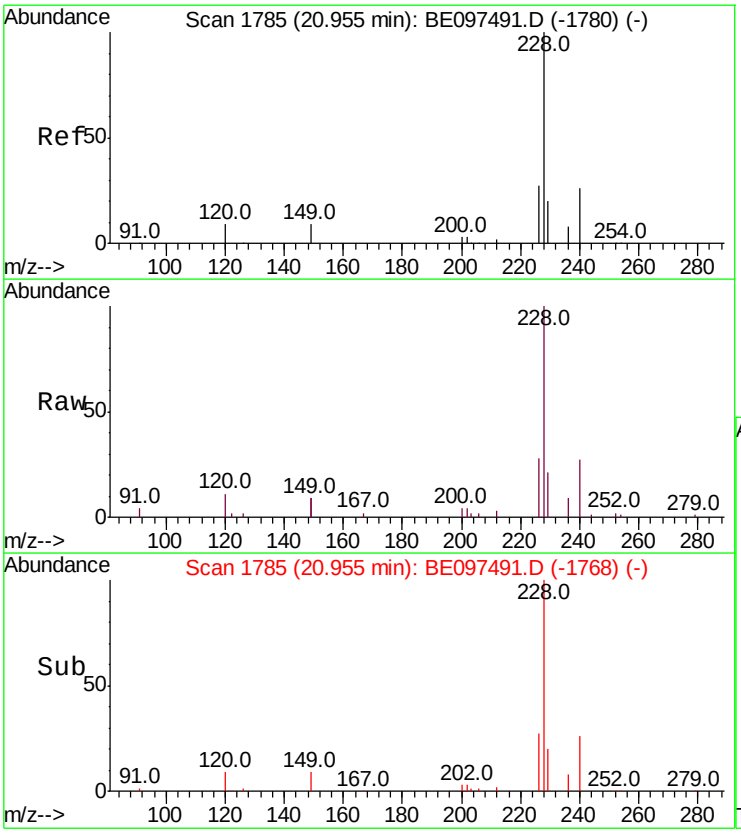
#29
Terphenyl-d14
Concen: 0.370 ng
RT: 19.42 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 6021

Ion	Ratio	Lower	Upper
244	100		
212	35.4	25.4	38.0
122	12.6	8.1	12.1#

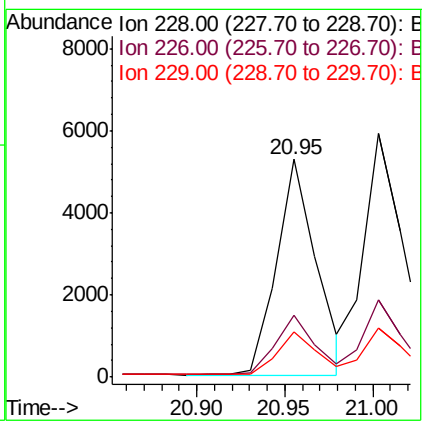


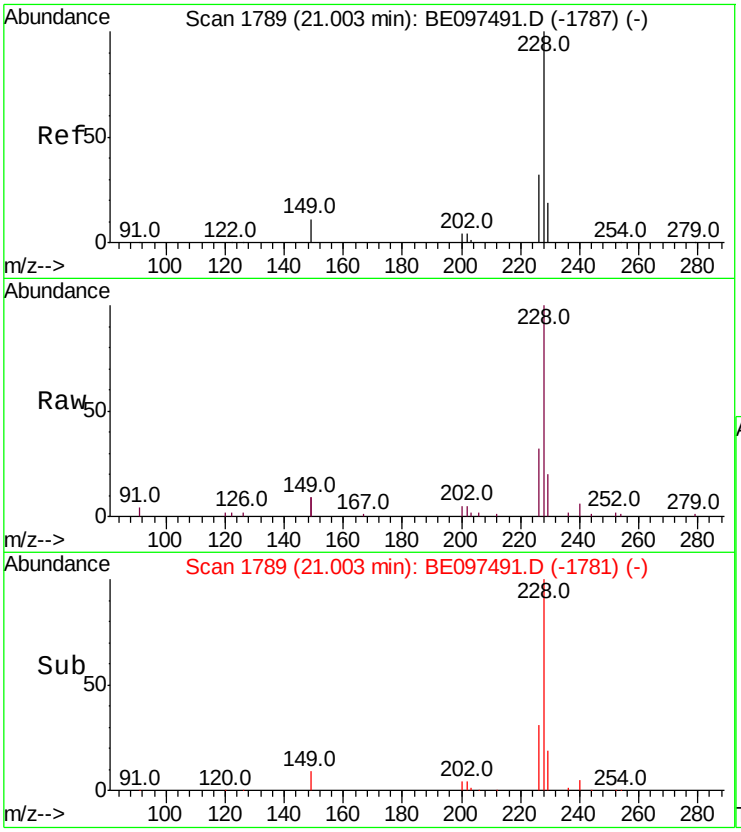


#30
Benzo(a)anthracene
Concen: 0.369 ng
RT: 20.95 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:228 Resp: 8225

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	20.6	16.0	24.0



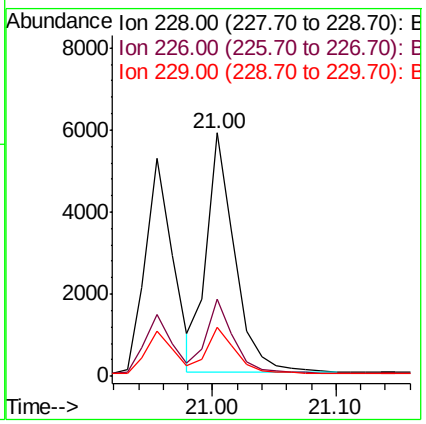


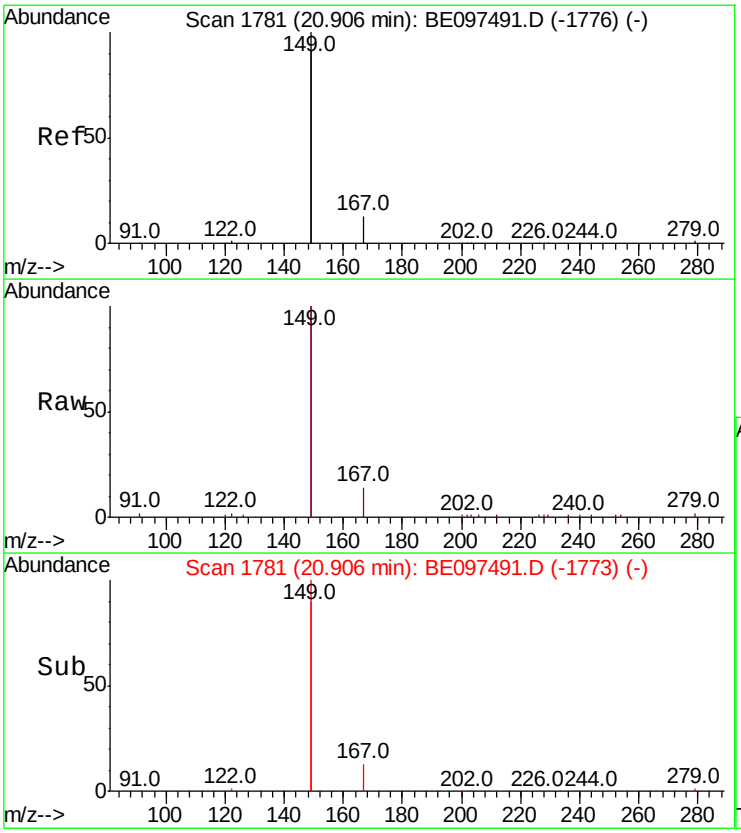
#31
Chrysene
Concen: 0.381 ng
RT: 21.00 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 9158

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	20.2	16.0	24.0

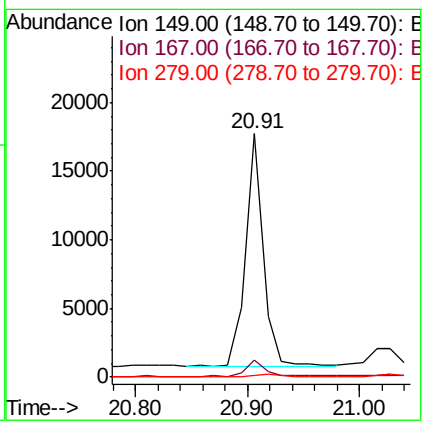


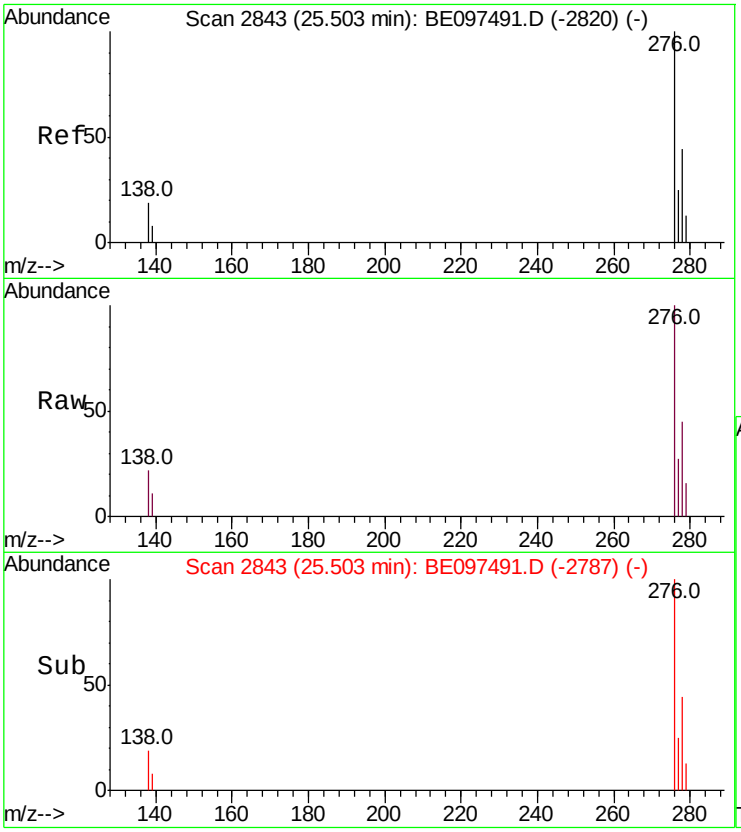


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.621 ng
RT: 20.91 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:149 Resp: 18629

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



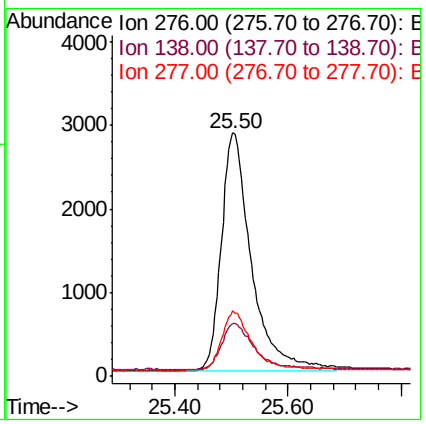


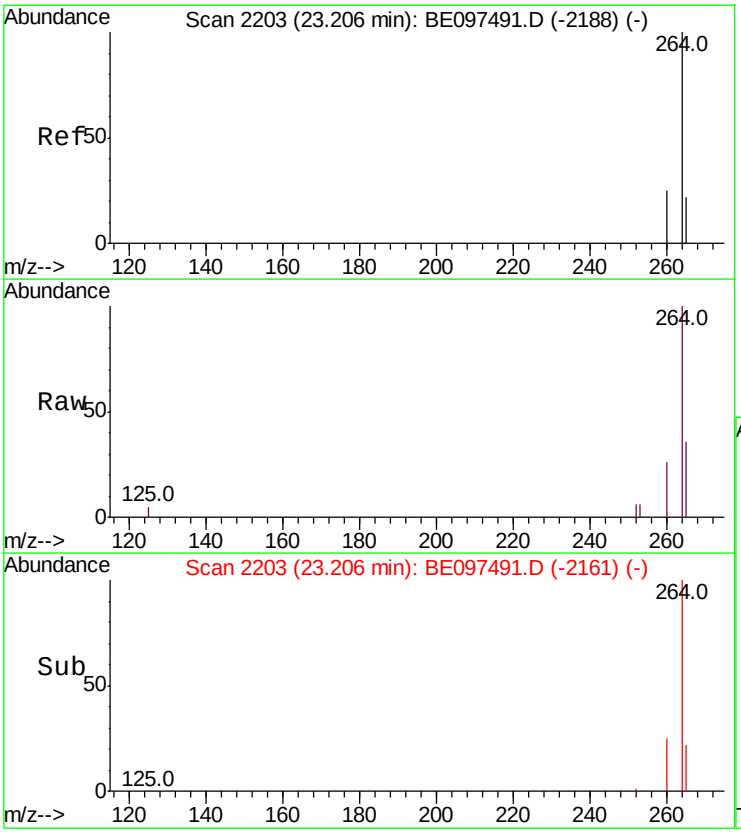
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng
RT: 25.50 min Scan# 2843
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 10530

Ion	Ratio	Lower	Upper
276	100		
138	20.6	22.5	33.7#
277	24.1	19.9	29.9

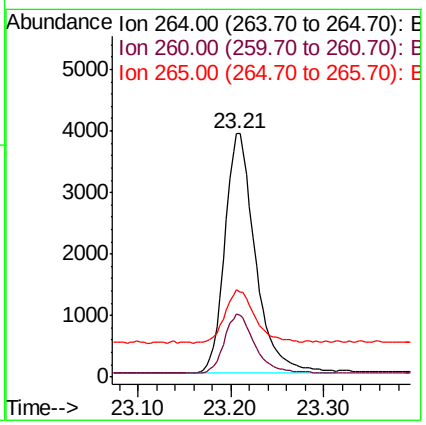


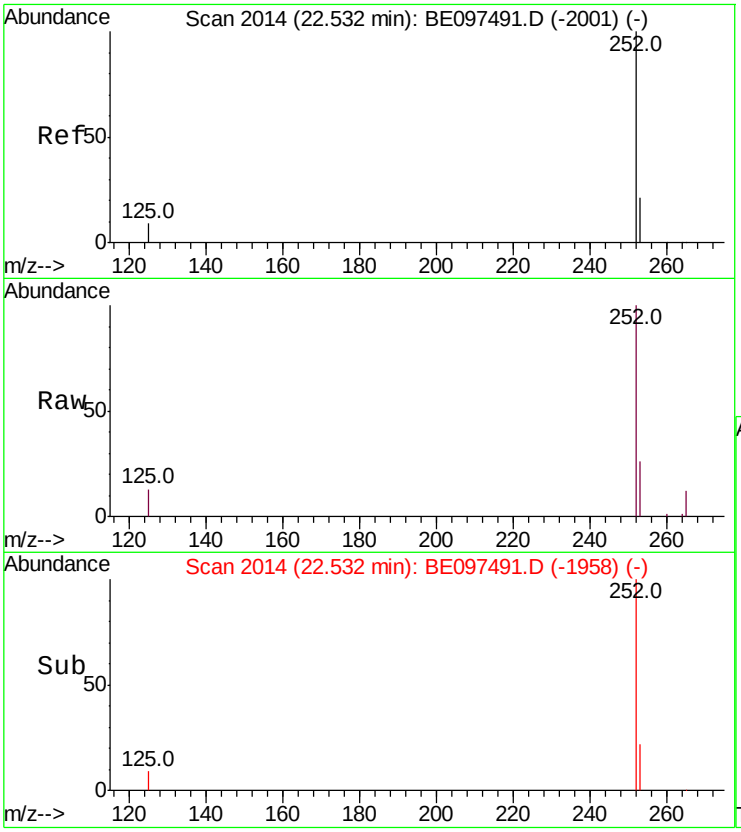


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:264 Resp: 8875

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.5	30.7
265	35.8	22.8	34.2#



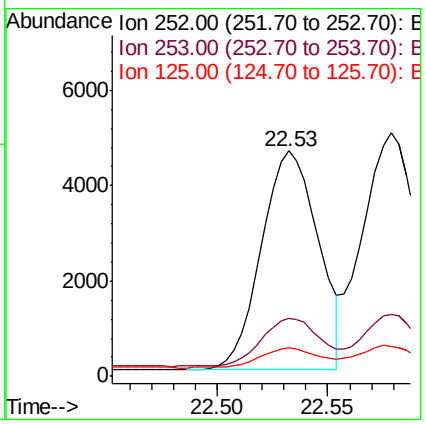


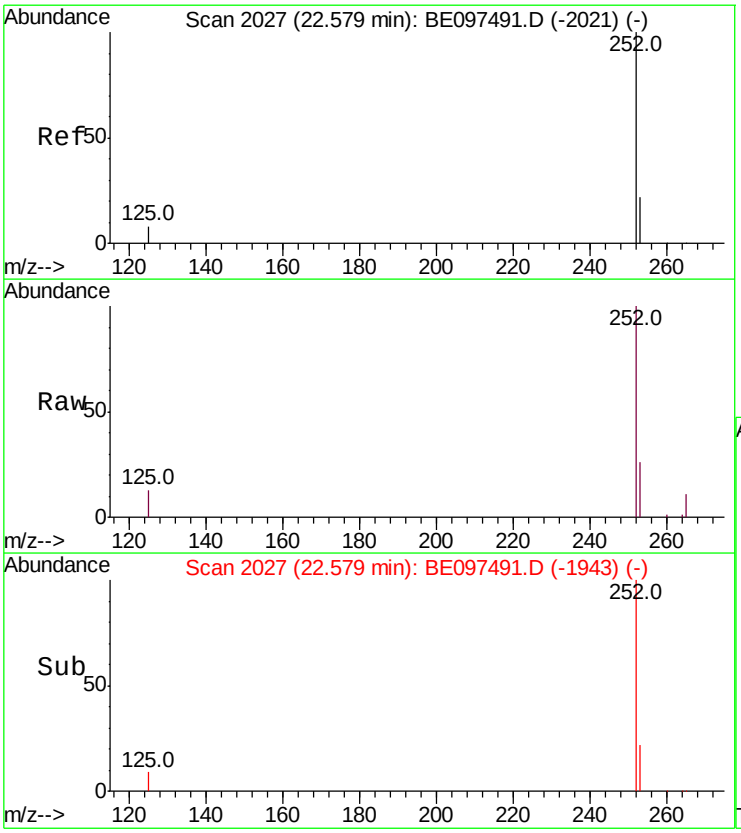
#35
Benzo(b)fluoranthene
Concen: 0.324 ng
RT: 22.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 8214

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.0	30.0
125	12.6	16.0	24.0#

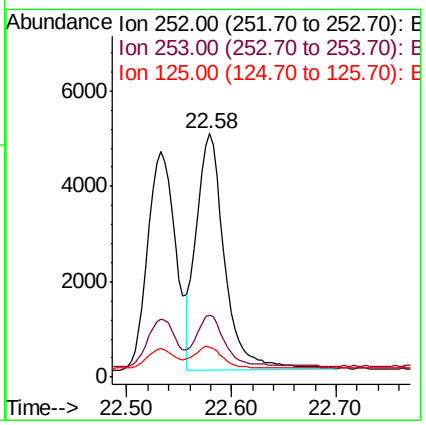


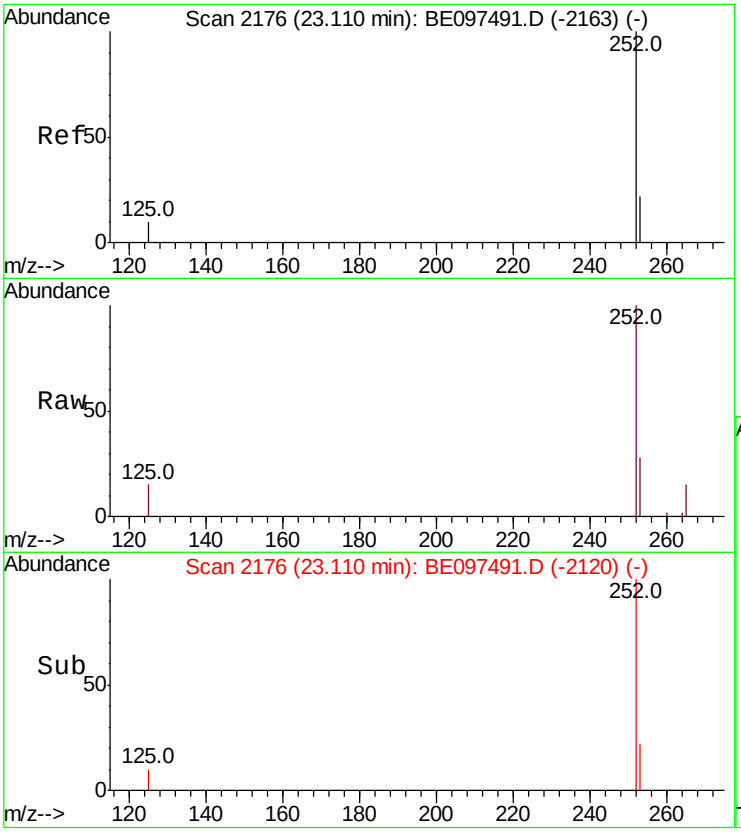


#36
Benzo(k)fluoranthene
Concen: 0.330 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:252 Resp: 9266

Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.0	24.0#
125	12.5	8.0	12.0#



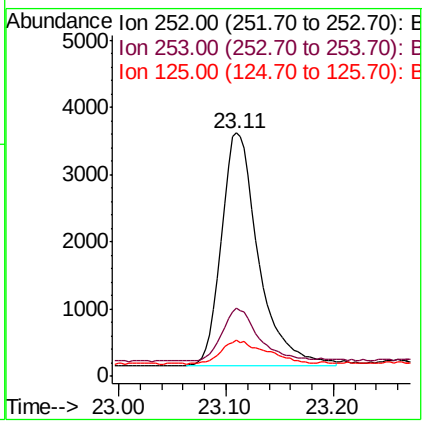


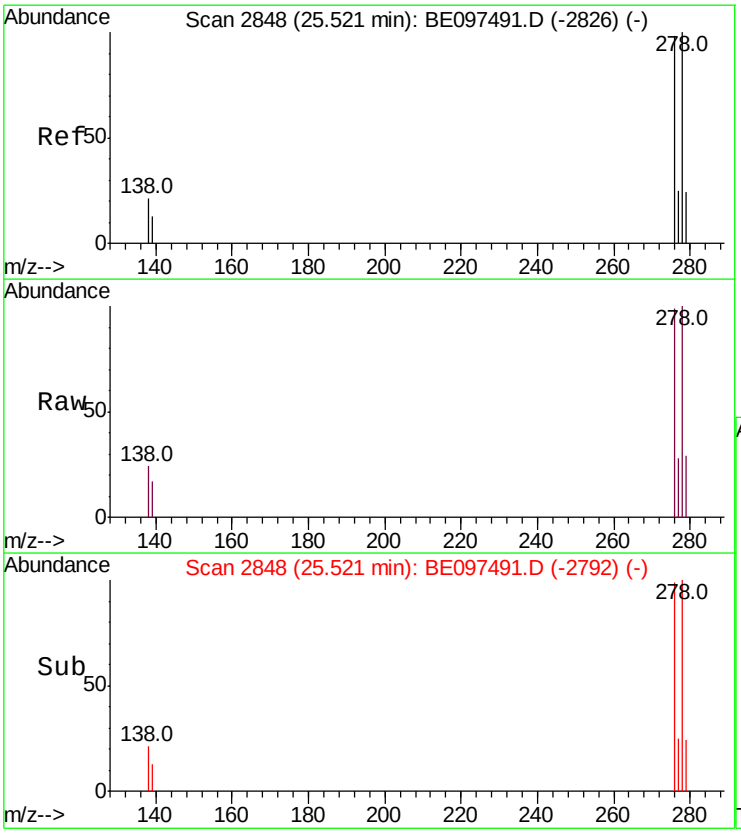
#37
Benzo(a)pyrene
Concen: 0.364 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 8330

Ion	Ratio	Lower	Upper
252	100		
253	27.8	16.0	24.0#
125	14.7	12.0	18.0

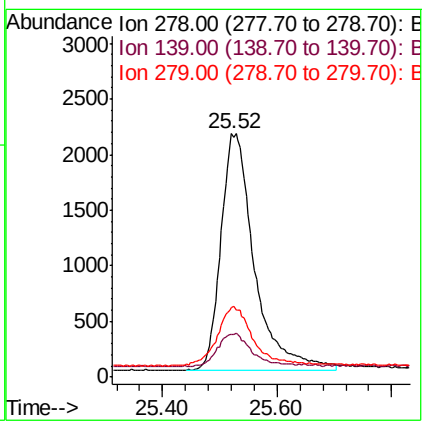


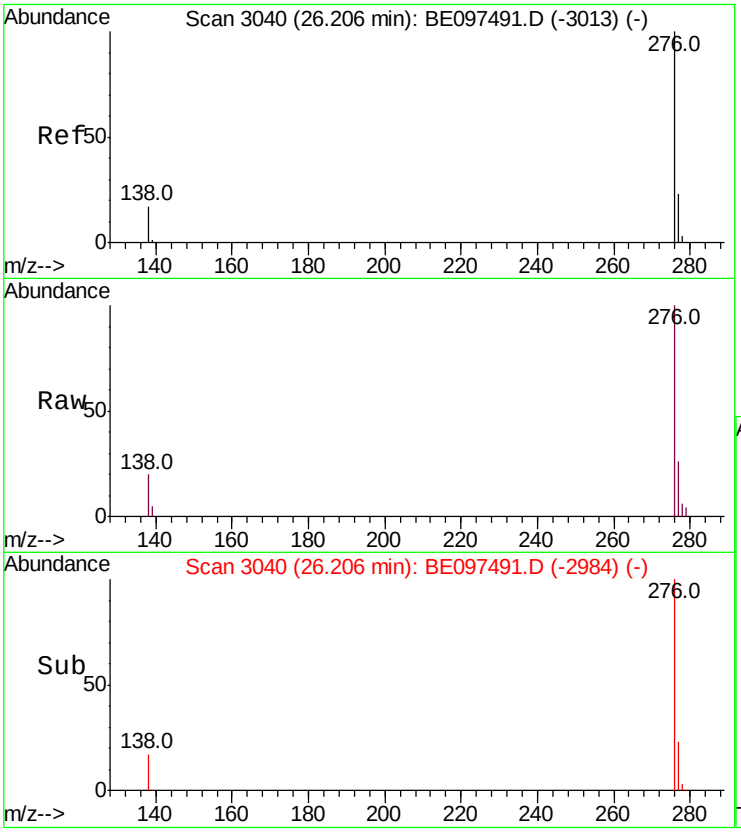


#38
Dibenzo(a,h)anthracene
Concen: 0.287 ng
RT: 25.52 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Tgt Ion:278 Resp: 8635

Ion	Ratio	Lower	Upper
278	100		
139	17.4	16.0	24.0
279	28.6	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.289 ng
RT: 26.21 min Scan# 3040
Delta R.T. 0.00 min
Lab File: BE097491.D
Acq: 17 Sep 2018 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 8976

Ion	Ratio	Lower	Upper
276	100		
277	25.7	16.0	24.0#
138	20.3	20.0	30.0