Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032318\
Data File : BE095817.D
Acq On : 23 Mar 2018 9:58
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Mar 23 10:58:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 10:57:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1066	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	4218	0.40	ng		0.00
13) Acenaphthene-d10	15.00	164	2540	0.40	ng		0.00
19) Phenanthrene-d10	17.71	188	6406	0.40	ng		0.00
27) Chrysene-d12	21.80	240	7639	0.40	ng		0.00
34) Perylene-d12	24.43	264	7266	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.92	112	1461	0.52	ng		0.00
5) Phenol-d6	7.57	99	2019	0.52	ng		0.00
8) Nitrobenzene-d5	9.59	82	2013	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.80	152	2909	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.47	330	569	0.62	ng		0.00
15) 2-Fluorobiphenyl	13.64	172	4381	0.39	ng		0.00
25) Fluoranthene-d10	19.69	212	38757	0.46	ng		0.00
29) Terphenyl-d14	20.24	244	6569	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	663	0.395	ng		85
3) n-Nitrosodimethylamine	3.98	42	1060	0.509	ng	#	80
6) bis(2-Chloroethyl)ether	7.82	93	1737	0.434	ng		94
9) Naphthalene	11.31	128	19935	0.410	ng		100
10) Hexachlorobutadiene	11.56	225	1381	0.487	ng		95
12) 2-Methylnaphthalene	12.87	142	3381	0.403	ng		97
16) Acenaphthylene	14.73	152	5822	0.408	ng		99
17) Acenaphthene	15.06	154	3527	0.394	ng		94
18) Fluorene	16.03	166	4728	0.425	ng	#	79
20) 4-Bromophenyl-phenylether	16.89	248	1564	0.389	ng	#	78
21) Hexachlorobenzene	17.02	284	1564	0.376	ng	#	83
22) Pentachlorophenol	17.37	266	369	0.383	ng	#	76
23) Phenanthrene	17.74	178	7889	0.394	ng		98
24) Anthracene	17.84	178	7741	0.421	ng		96
26) Fluoranthene	19.72	202	10729	0.435	ng	#	97
28) Pyrene	20.07	202	13737	0.440	ng		99
30) Benzo(a)anthracene	21.78	228	10875	0.436	ng		99
31) Chrysene	21.84	228	9829	0.397	ng		96
32) Bis(2-ethylhexyl)phthalate	21.64	149	30469	0.691	ng		100
33) Indeno(1,2,3-cd)pyrene	27.25	276	10582	0.441	ng	#	93
35) Benzo(b)fluoranthene	23.61	252	9782	0.378	ng		97
36) Benzo(k)fluoranthene	23.67	252	9738	0.378	ng	#	85
37) Benzo(a)pyrene	24.31	252	9205	0.395	ng	#	88
38) Dibenzo(a,h)anthracene	27.26	278	8841	0.426	ng		96
39) Benzo(g,h,i)perylene	28.12	276	8782	0.395	ng	#	90

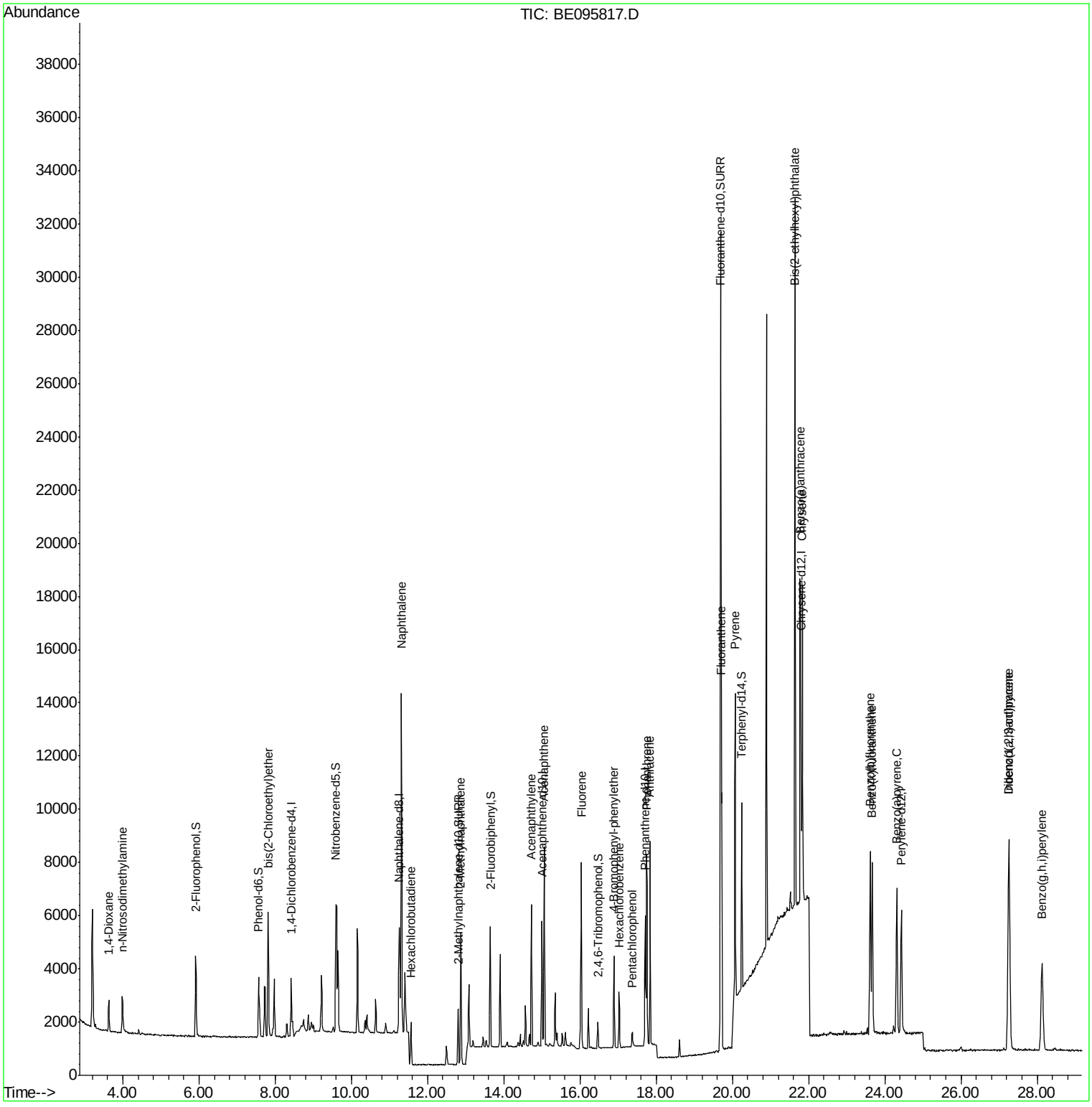
(#) = qualifier out of range (m) = manual integration (+) = signals summed

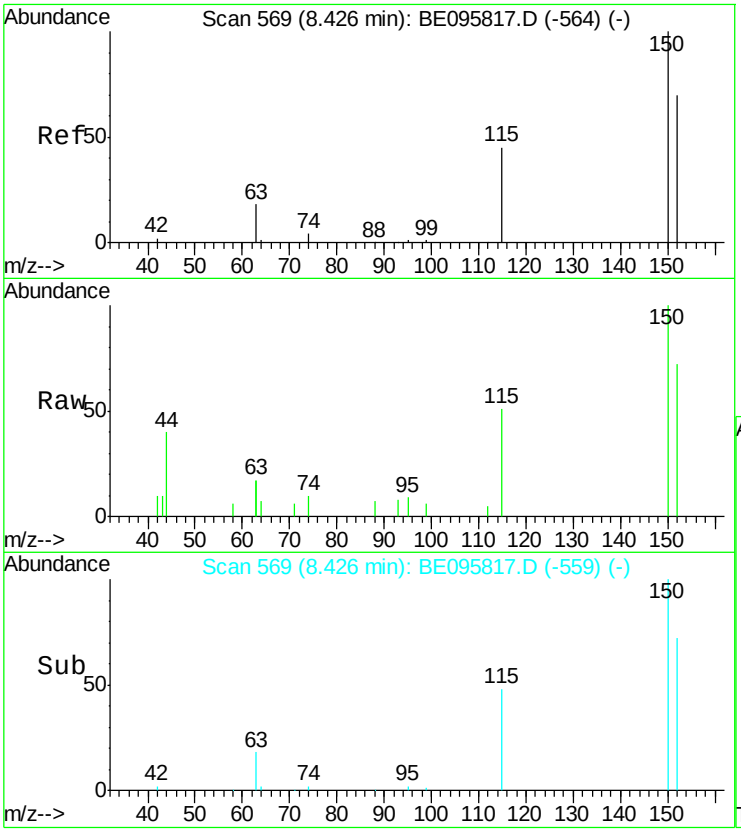
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032318\
Data File : BE095817.D
Acq On : 23 Mar 2018 9:58
Operator : SJ/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Quant Time: Mar 23 10:58:16 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 10:57:46 2018
Response via : Initial Calibration



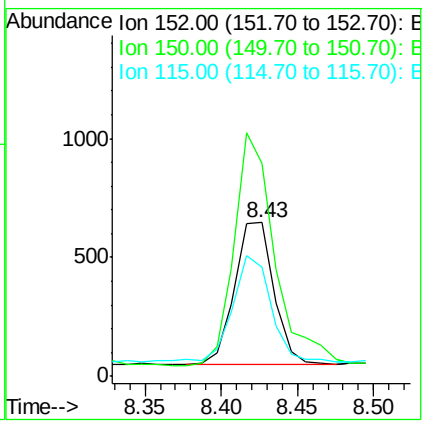


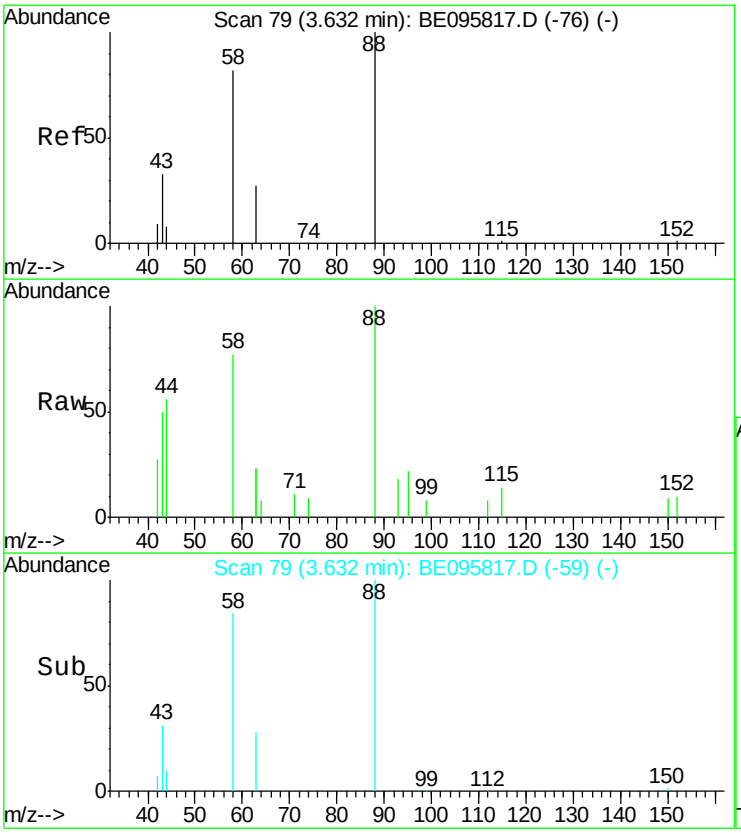
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 1066

Ion	Ratio	Lower	Upper
152	100		
150	138.5	117.2	175.8
115	70.6	57.0	85.6

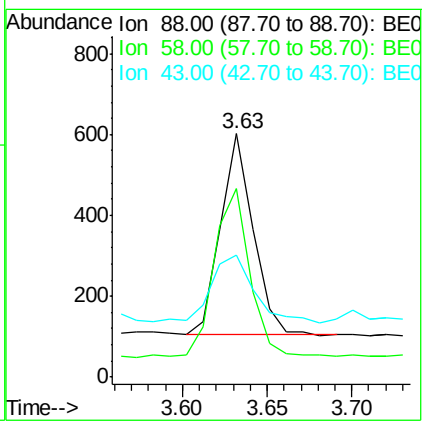


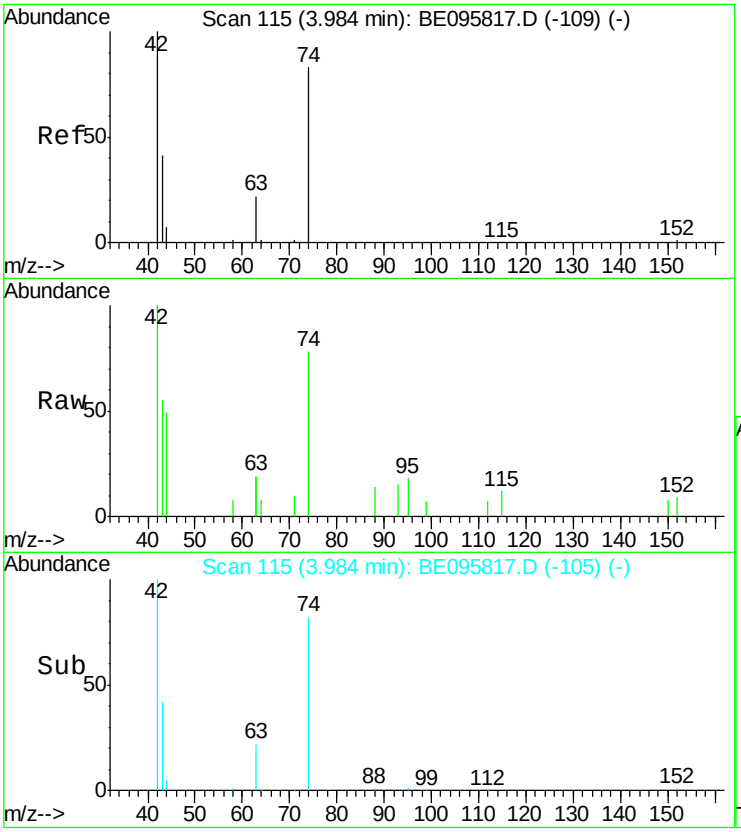


#2
1,4-Dioxane
Concen: 0.395 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion: 88 Resp: 663

Ion	Ratio	Lower	Upper
88	100		
58	94.3	63.2	94.8
43	44.2	41.2	61.8



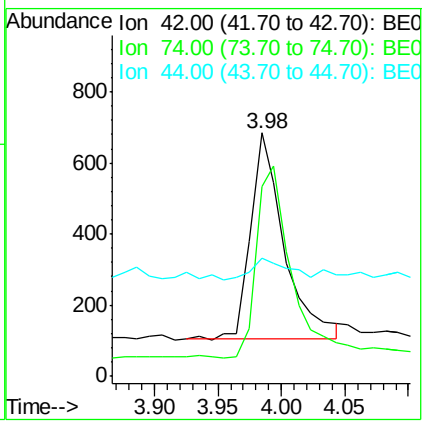


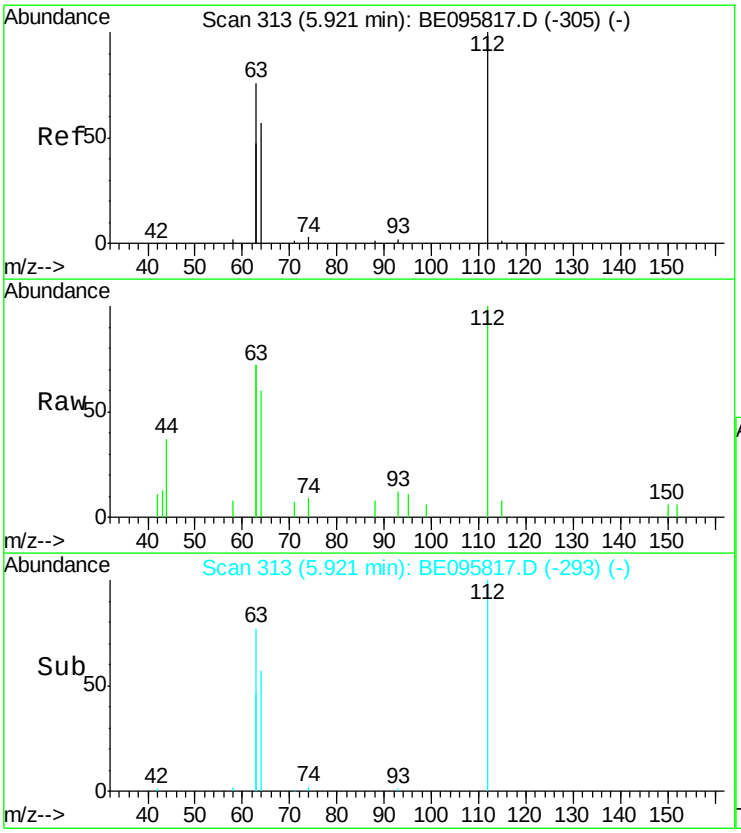
#3
n-Nitrosodimethylamine
Concen: 0.509 ng
RT: 3.98 min Scan# 115
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1060

Ion	Ratio	Lower	Upper
42	100		
74	96.2	96.0	144.0
44	11.7	12.0	18.0#

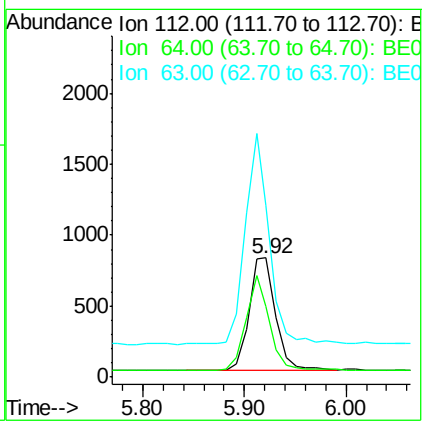


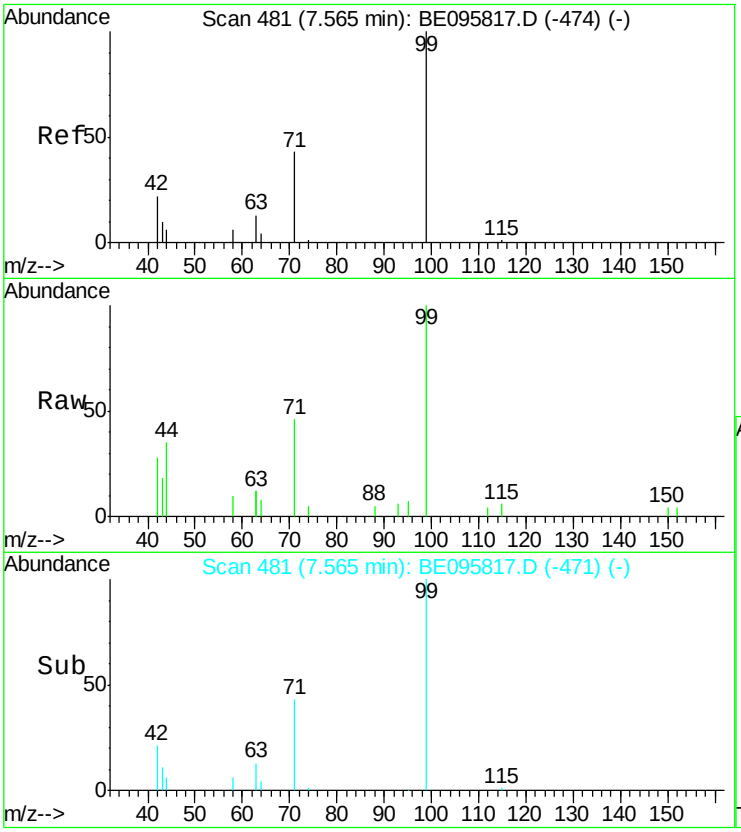


#4
2-Fluorophenol
Concen: 0.519 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:112 Resp: 1461

Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	167.4	116.8	175.2



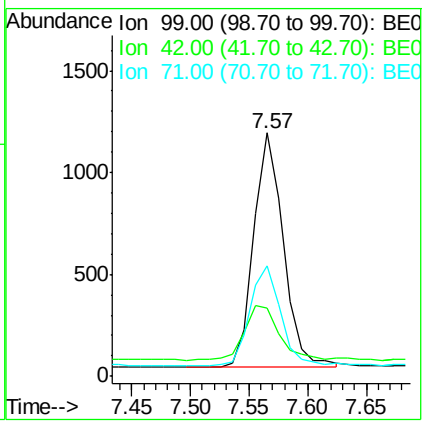


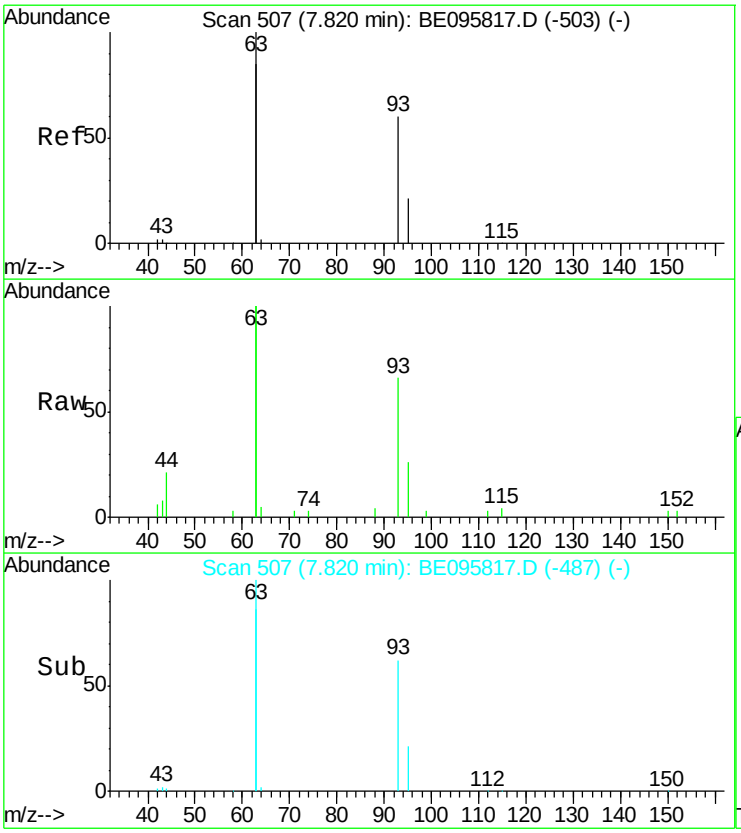
#5
Phenol-d6
Concen: 0.518 ng
RT: 7.57 min Scan# 481
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 2019

Ion	Ratio	Lower	Upper
99	100		
42	27.9	20.2	30.2
71	43.3	28.4	42.6#

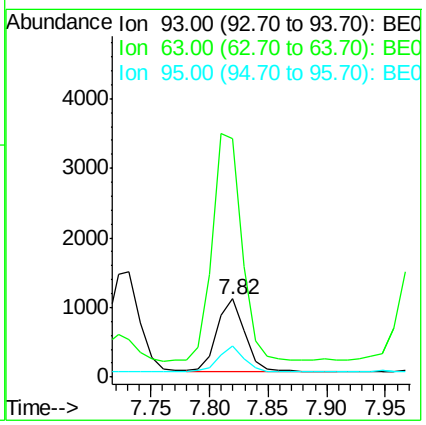


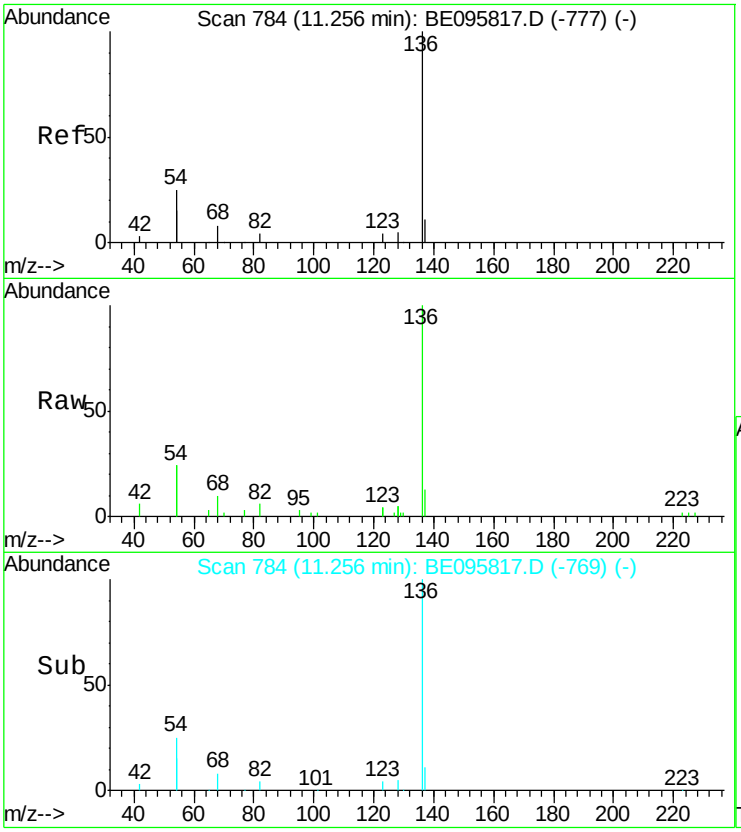


#6
bis(2-Chloroethyl)ether
Concen: 0.434 ng
RT: 7.82 min Scan# 507
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion: 93 Resp: 1737

Ion	Ratio	Lower	Upper
93	100		
63	329.5	275.3	412.9
95	32.8	25.2	37.8



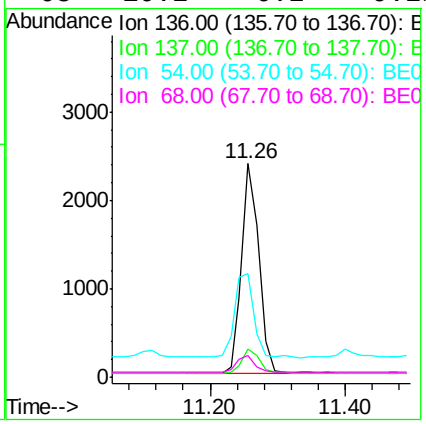


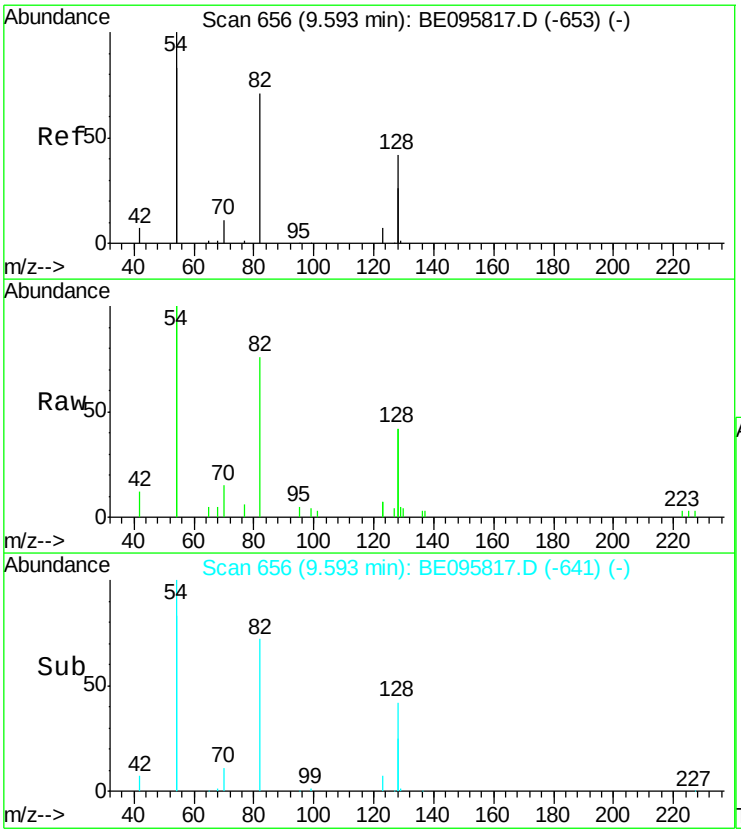
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 4218

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.5	14.3
54	48.8	29.1	43.7#
68	10.2	6.2	9.2#

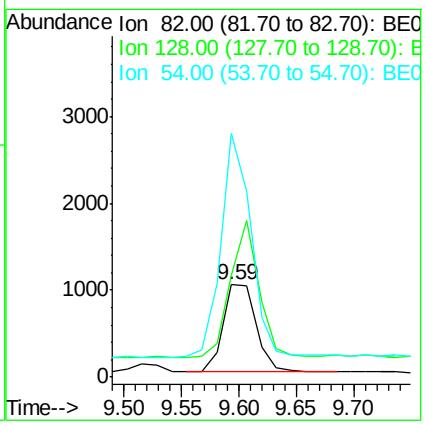


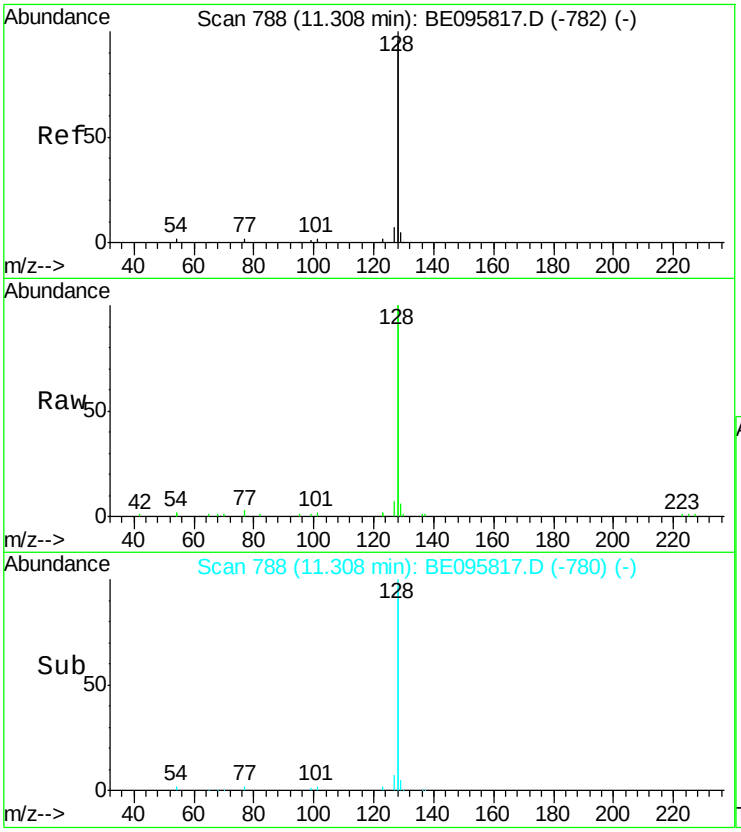


#8
Nitrobenzene-d5
Concen: 0.463 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion: 82 Resp: 2013

Ion	Ratio	Lower	Upper
82	100		
128	109.4	150.0	225.0#
54	263.3	154.2	231.4#



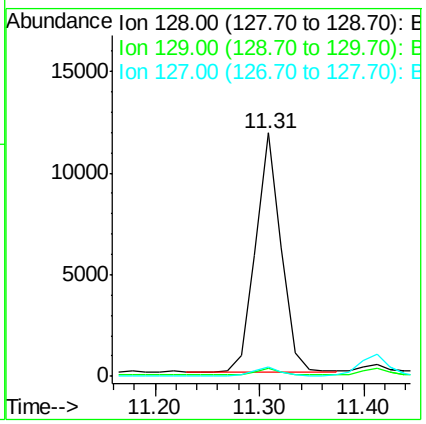


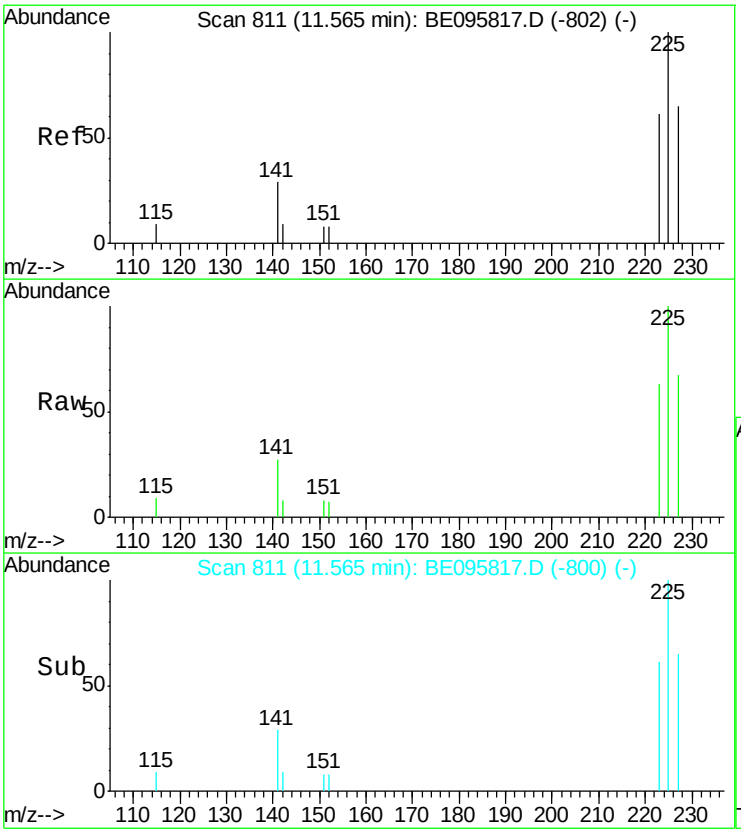
#9
Naphthalene
Concen: 0.410 ng
RT: 11.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 19935

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.7	2.8	4.2

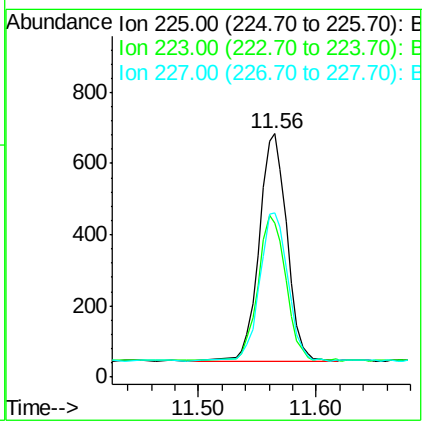


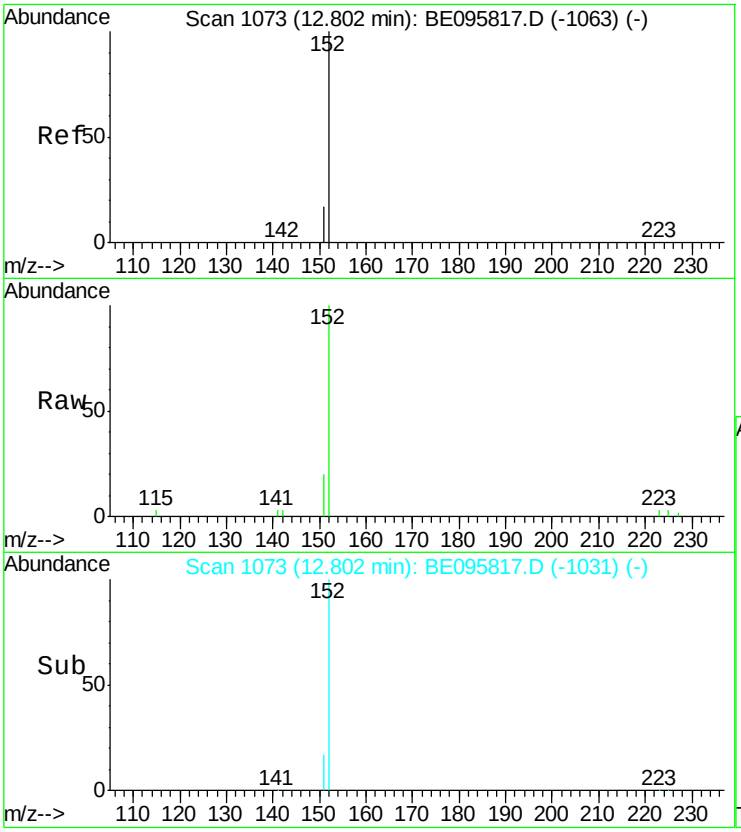


#10
Hexachlorobutadiene
Concen: 0.487 ng
RT: 11.56 min Scan# 811
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:225 Resp: 1381

Ion	Ratio	Lower	Upper
225	100		
223	61.0	53.0	79.6
227	67.6	51.4	77.2



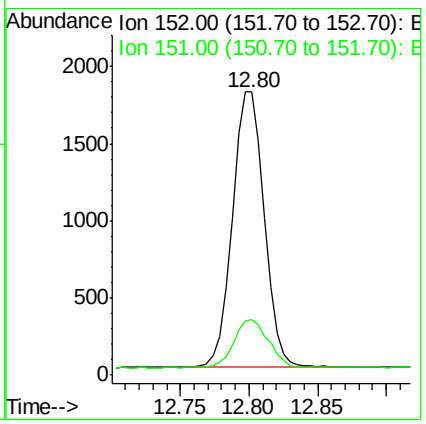


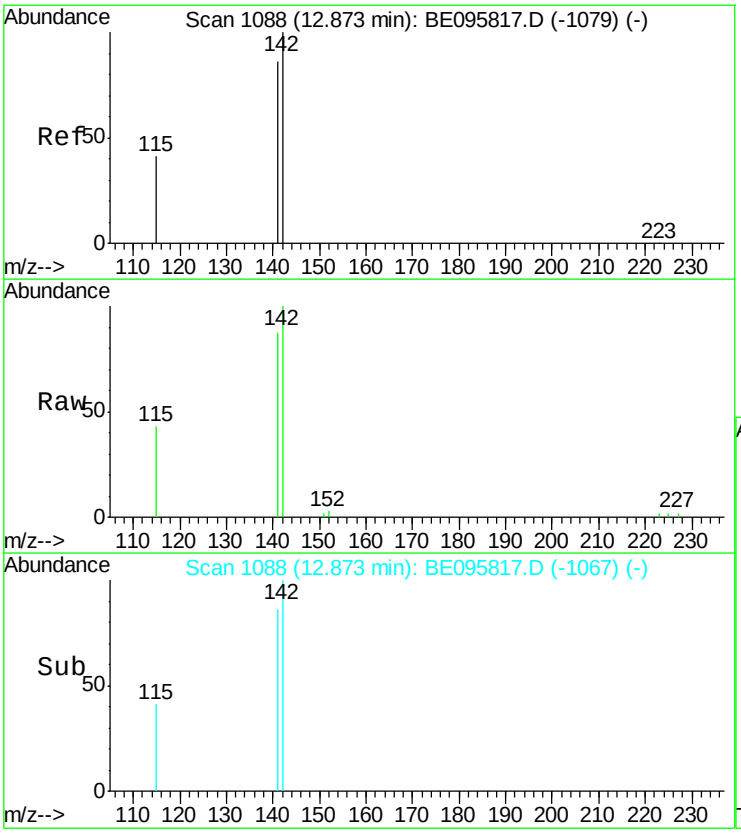
#11
2-Methylnaphthalene-d10
Concen: 0.413 ng
RT: 12.80 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2909

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.0

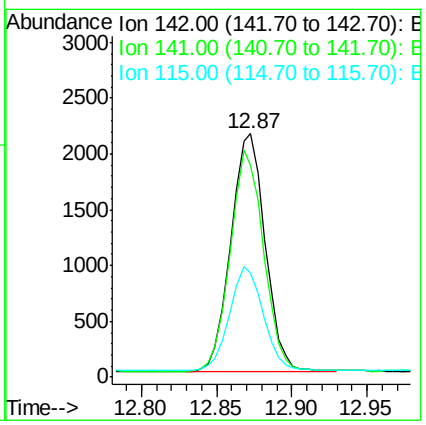


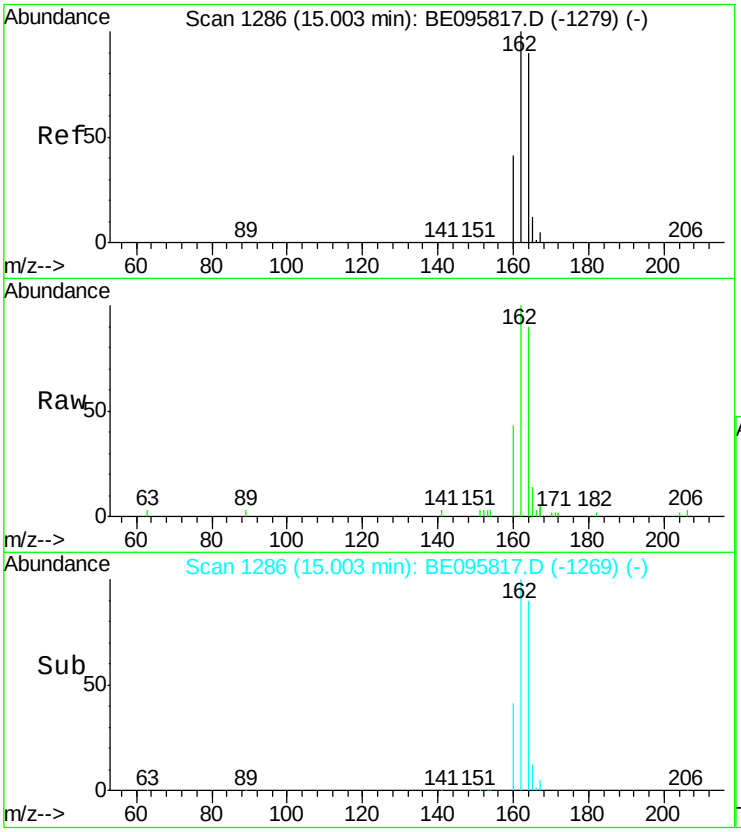


#12
2-Methylnaphthalene
Concen: 0.403 ng
RT: 12.87 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:142 Resp: 3381

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.4	105.6
115	42.7	31.7	47.5



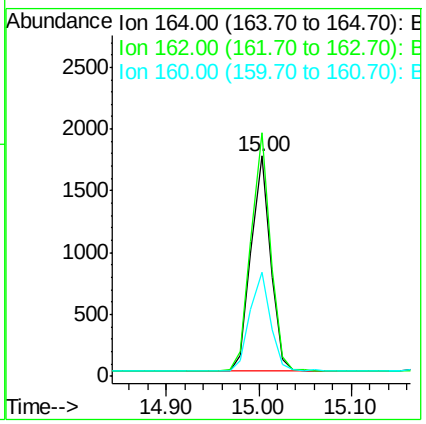


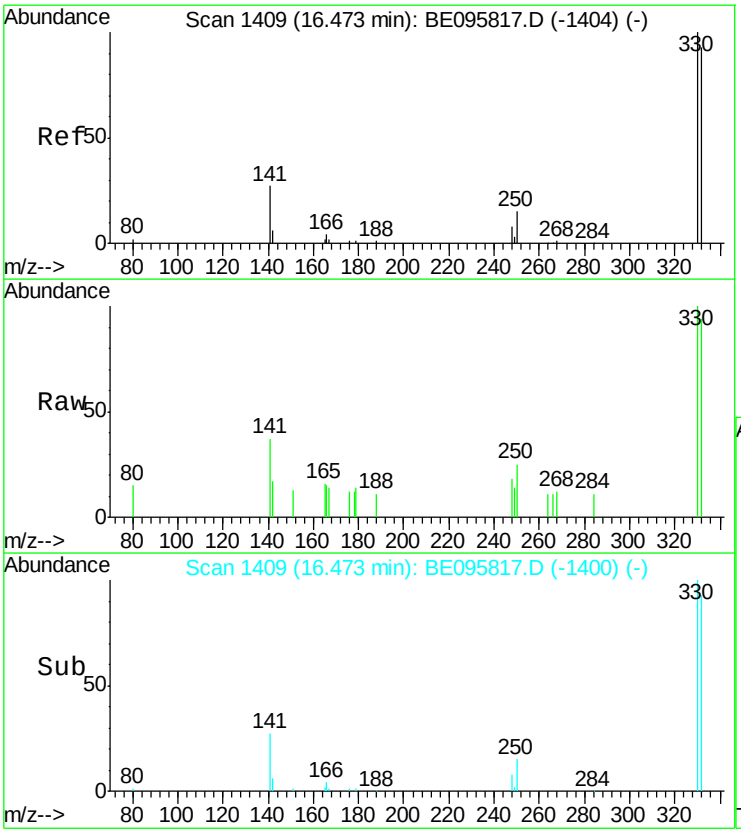
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 2540

Ion	Ratio	Lower	Upper
164	100		
162	110.6	83.1	124.7
160	47.1	37.1	55.7

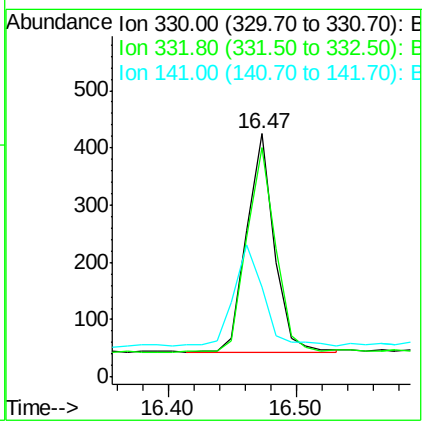


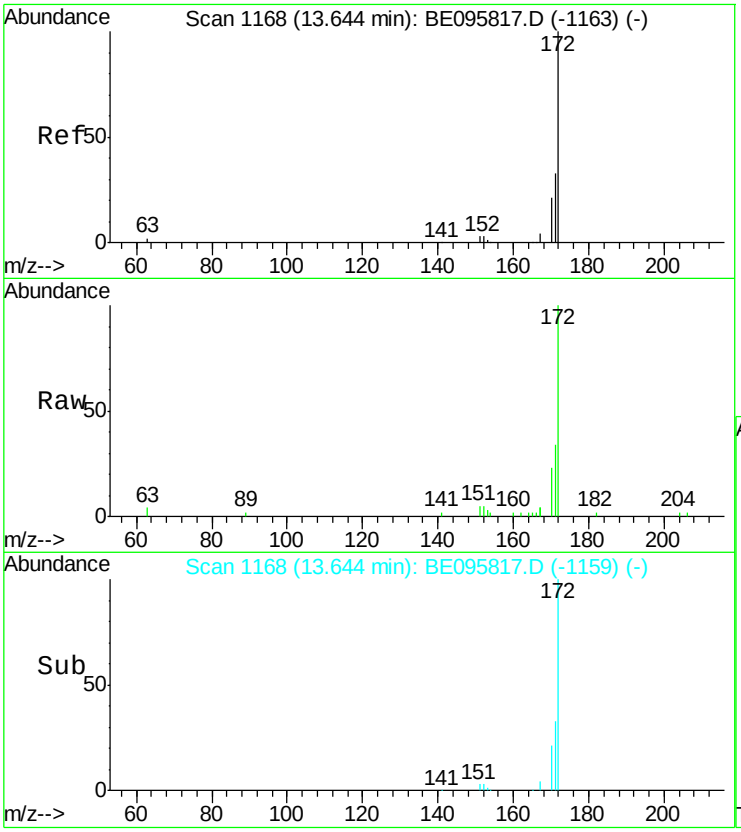


#14
2,4,6-Tribromophenol
Concen: 0.625 ng
RT: 16.47 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:330 Resp: 569

Ion	Ratio	Lower	Upper
330	100		
332	99.1	152.7	229.1#
141	48.5	33.7	50.5



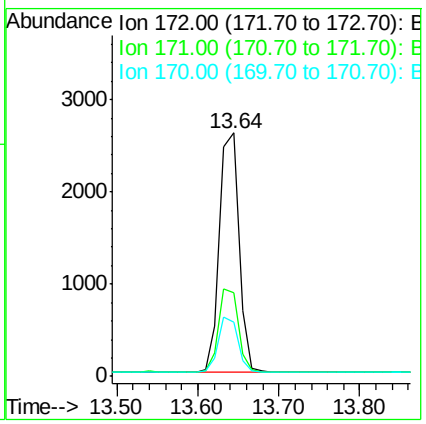


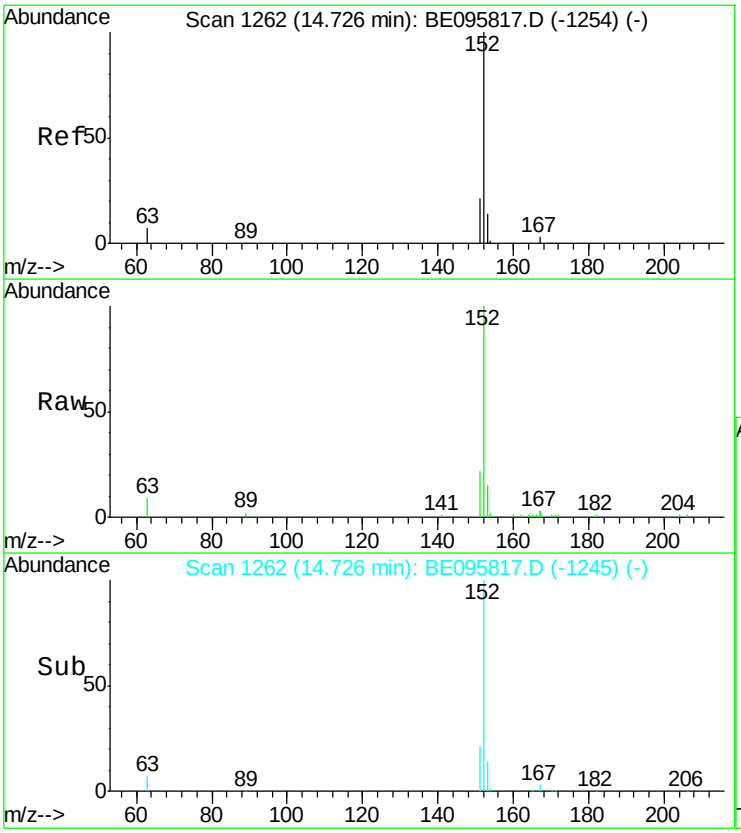
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 4381

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	22.5	21.8	32.8

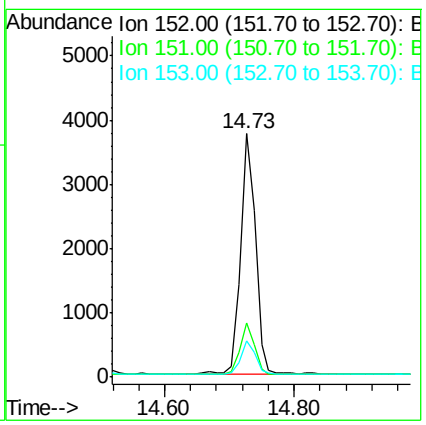


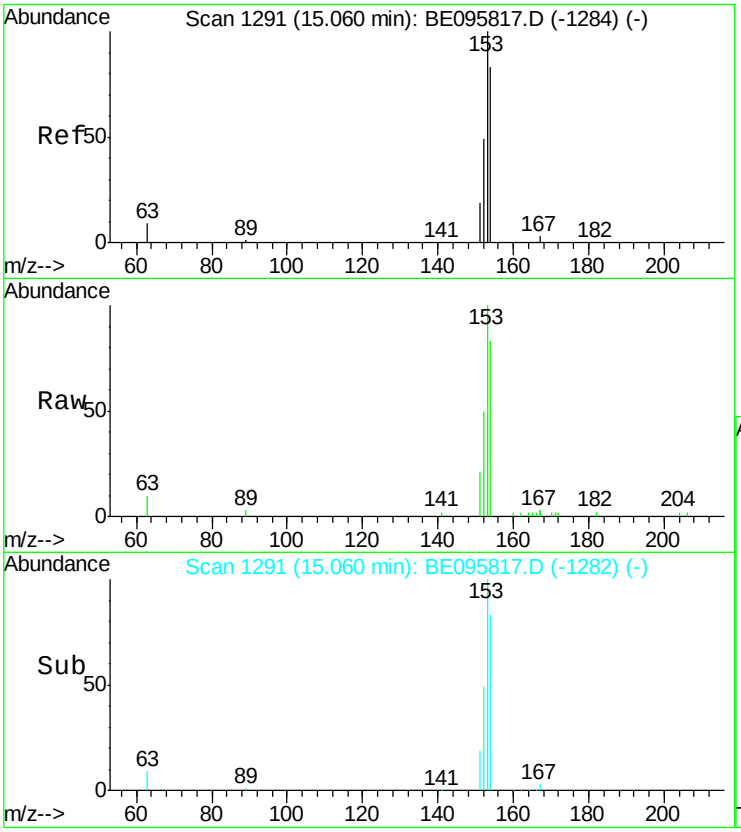


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.73 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:152 Resp: 5822

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.3	10.5	15.7



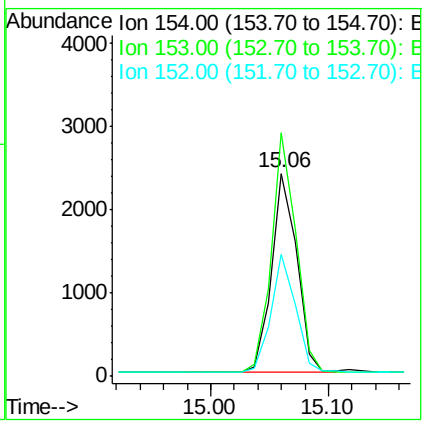


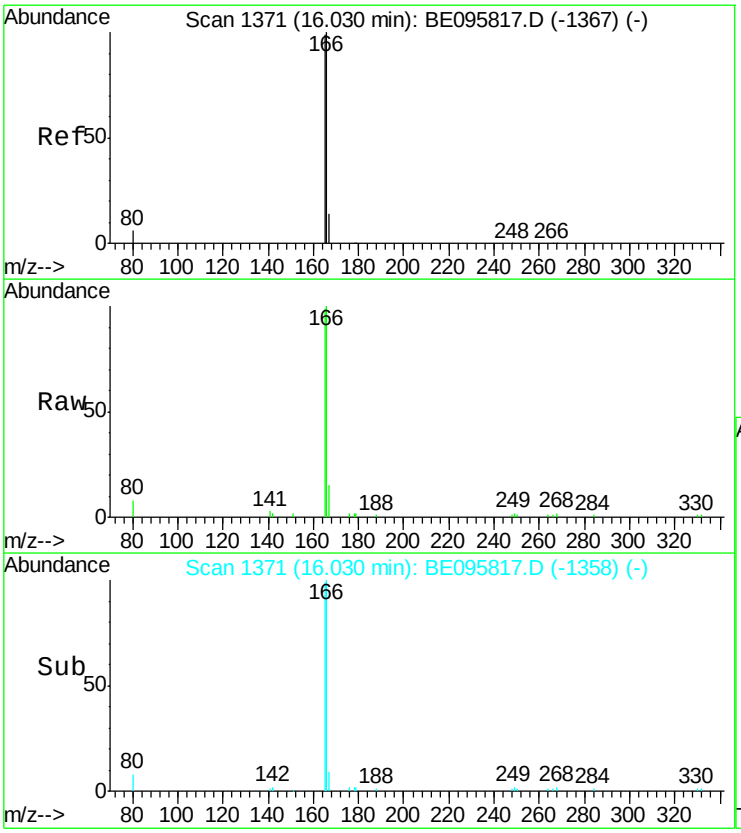
#17
Acenaphthene
Concen: 0.394 ng
RT: 15.06 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 3527

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.2	133.8
152	58.0	42.0	63.0

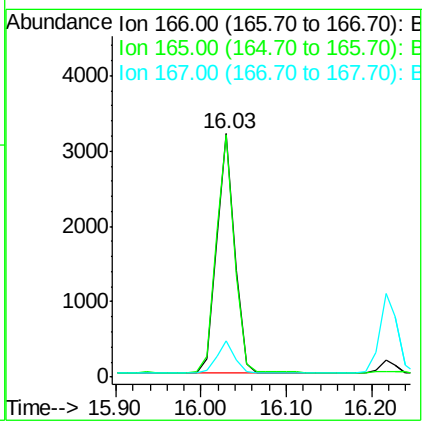


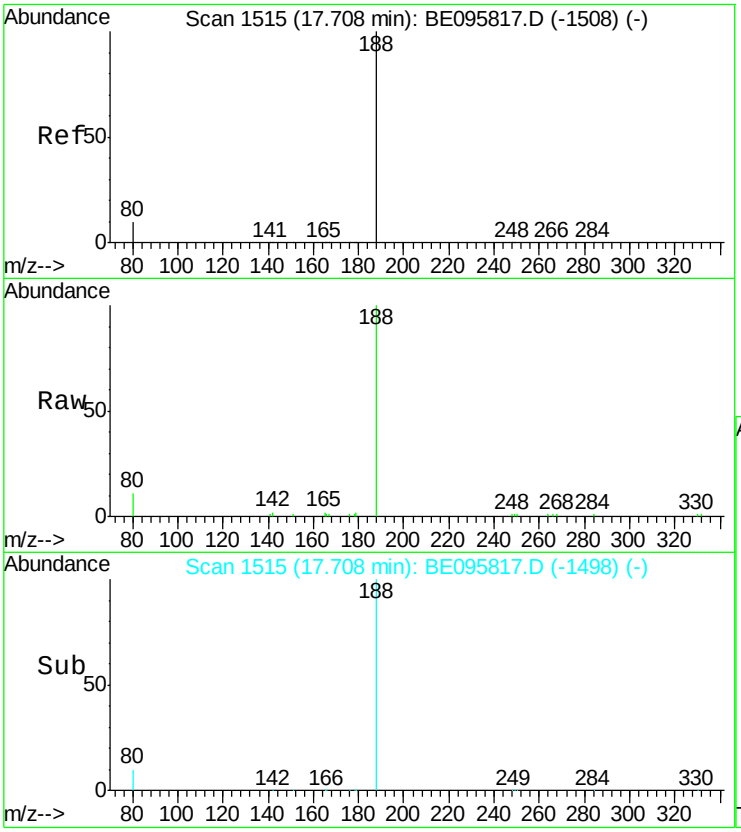


#18
Fluorene
Concen: 0.425 ng
RT: 16.03 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:166 Resp: 4728

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	13.9	42.4	63.6#



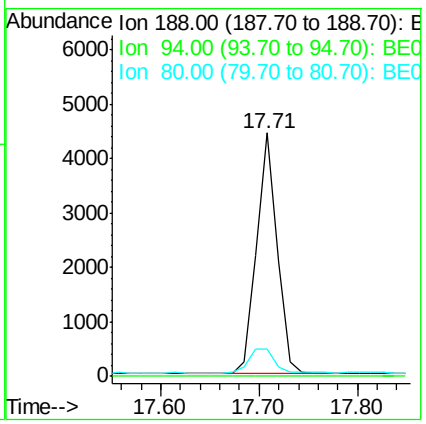


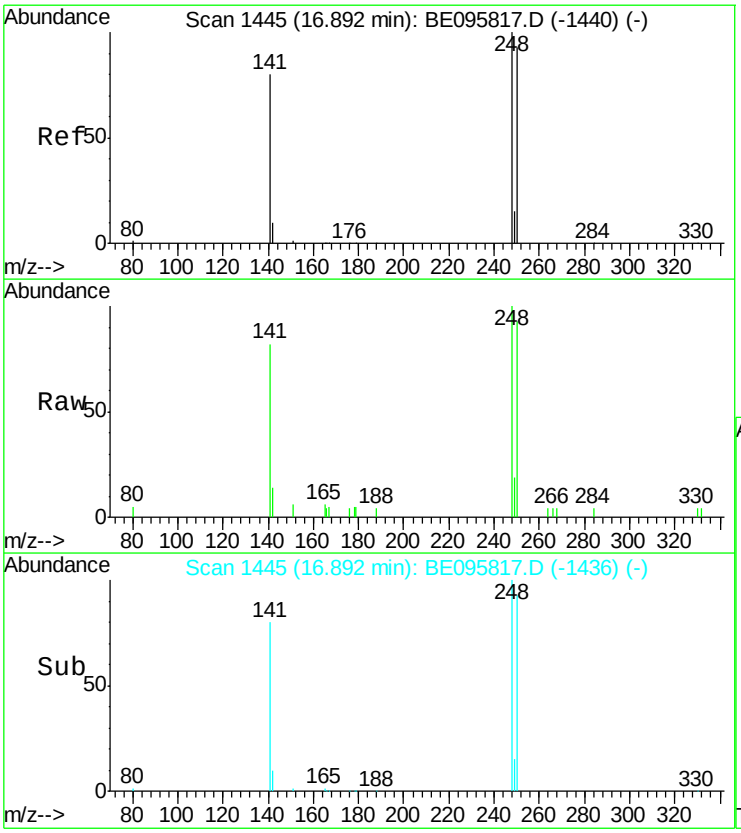
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 6406

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.1	3.6	5.4#

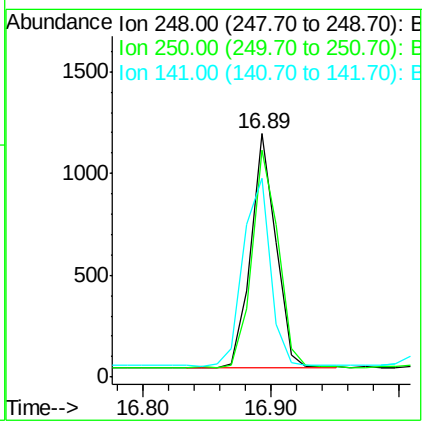


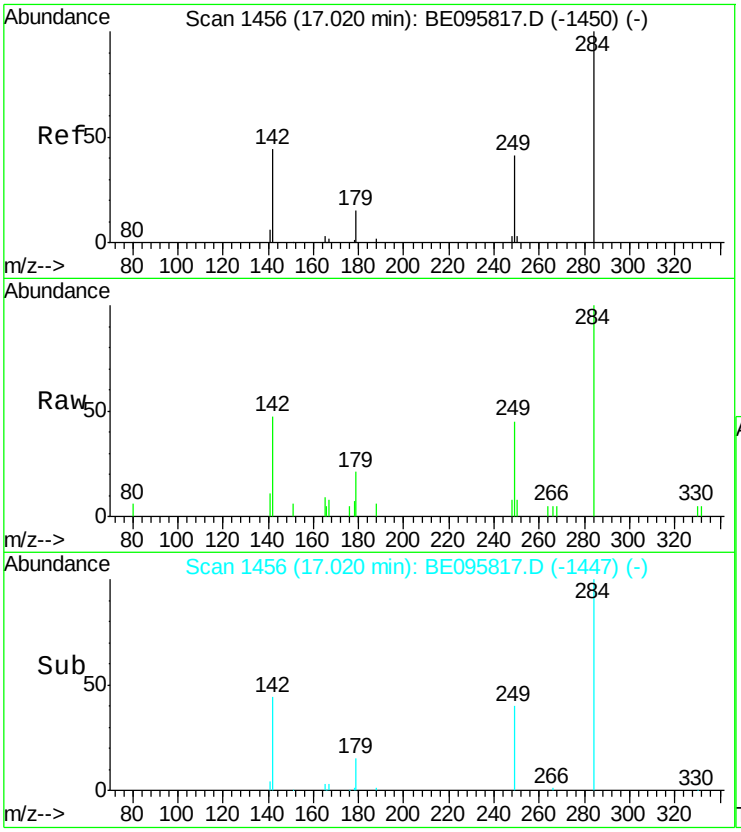


#20
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.89 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:248 Resp: 1564

Ion	Ratio	Lower	Upper
248	100		
250	93.1	62.7	94.1
141	81.9	48.2	72.2#



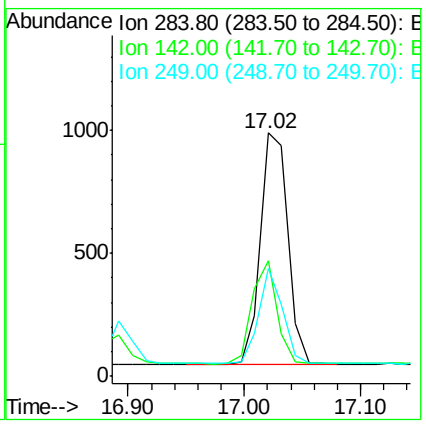


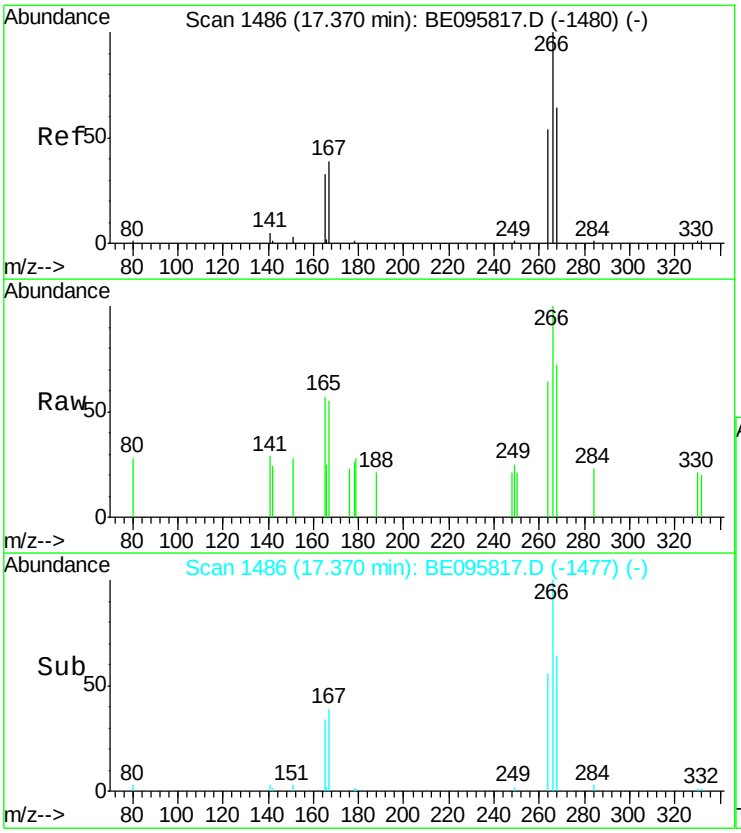
#21
Hexachlorobenzene
Concen: 0.376 ng
RT: 17.02 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 1564

Ion	Ratio	Lower	Upper
284	100		
142	40.4	22.1	33.1#
249	35.7	34.8	52.2

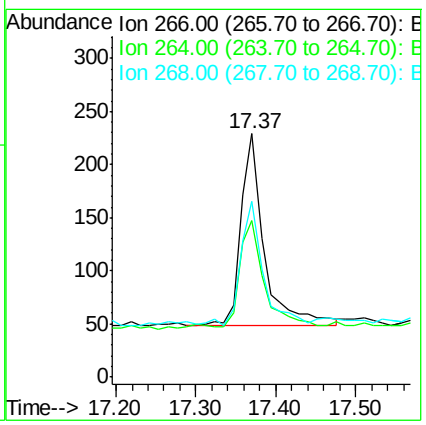


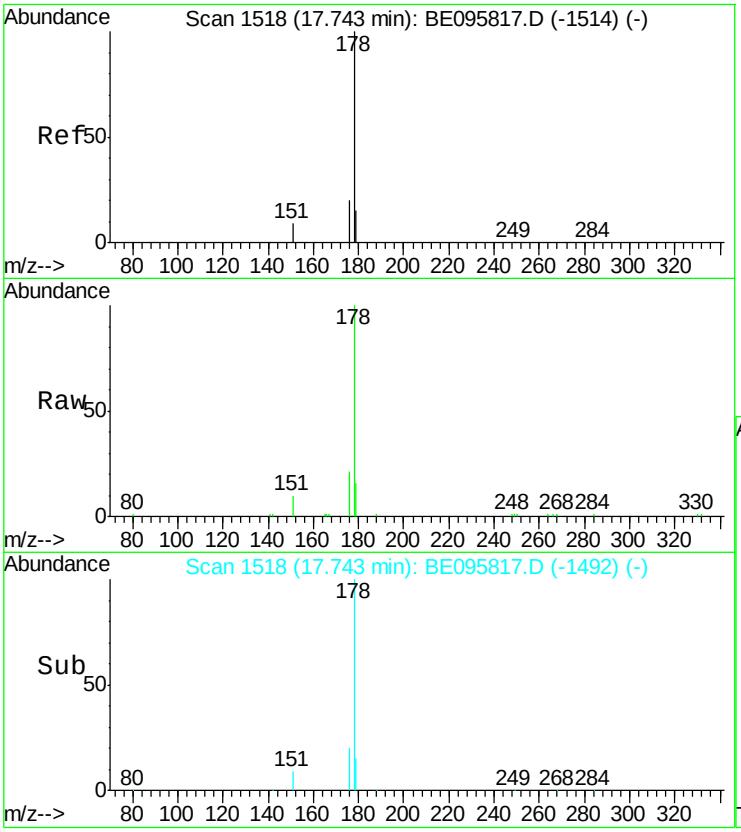


#22
Pentachlorophenol
Concen: 0.383 ng
RT: 17.37 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:266 Resp: 369

Ion	Ratio	Lower	Upper
266	100		
264	64.2	72.5	108.7#
268	72.5	73.8	110.6#



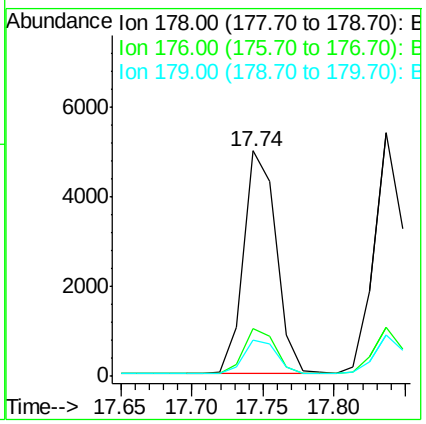


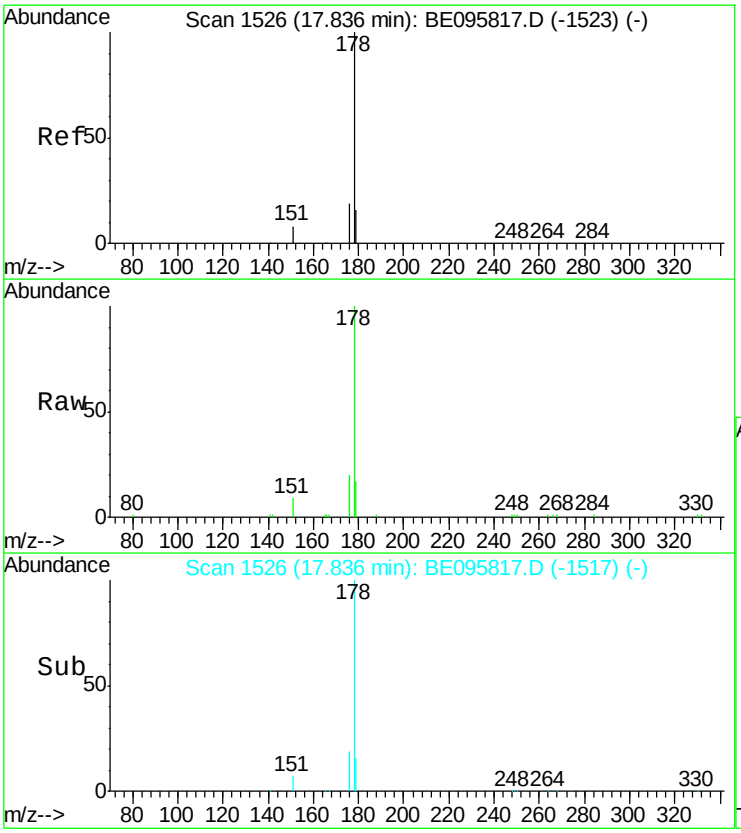
#23
Phenanthrene
Concen: 0.394 ng
RT: 17.74 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 7889

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.2	11.8	17.6

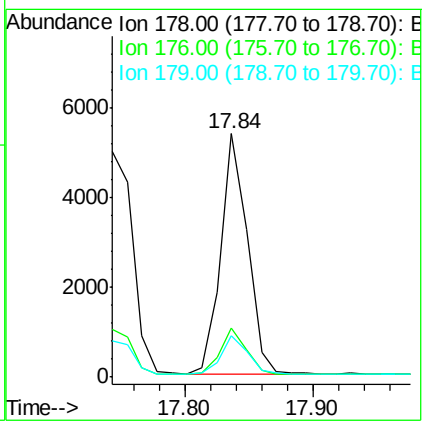


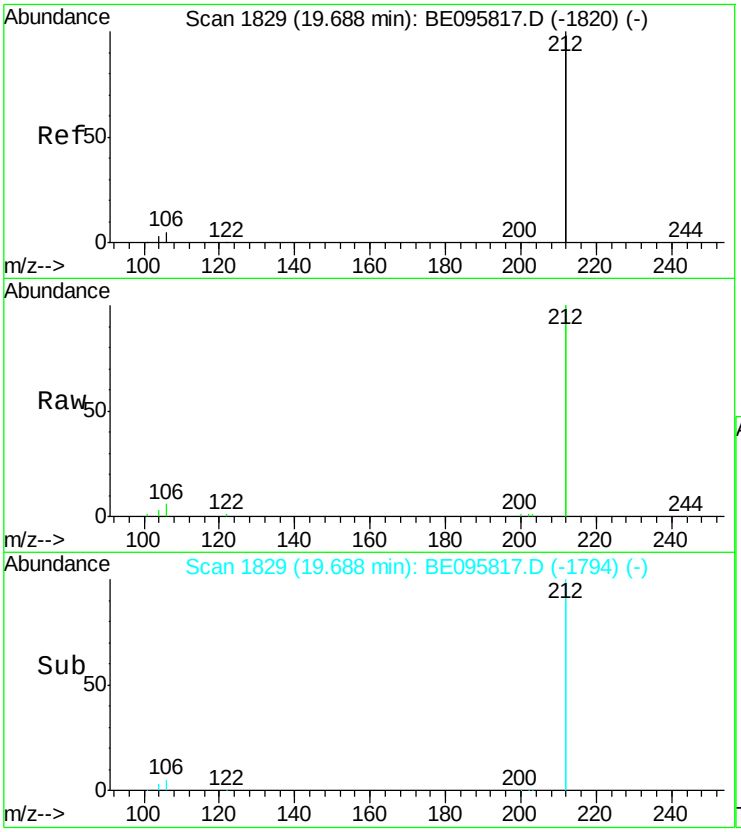


#24
Anthracene
Concen: 0.421 ng
RT: 17.84 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:178 Resp: 7741

Ion	Ratio	Lower	Upper
178	100		
176	18.9	12.8	19.2
179	15.8	13.0	19.6



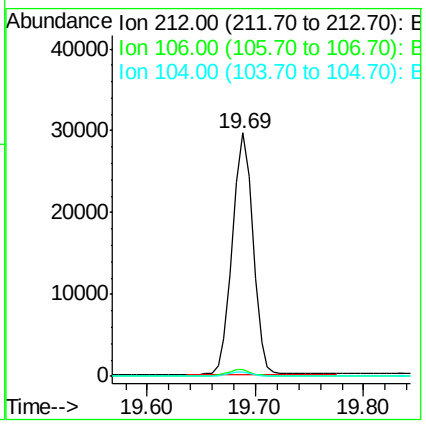


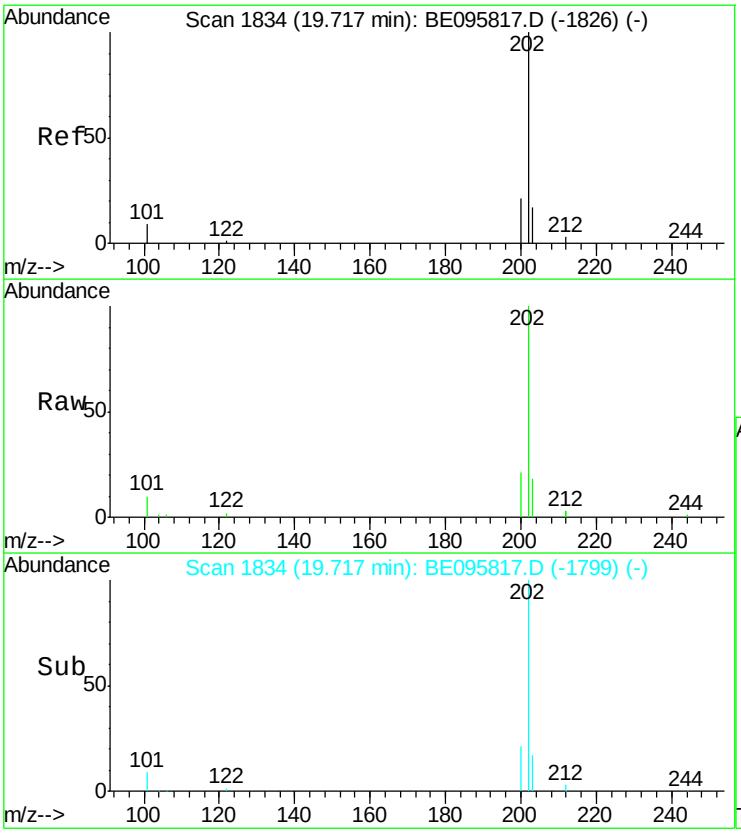
#25
Fluoranthene-d10
Concen: 0.463 ng
RT: 19.69 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 38757

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

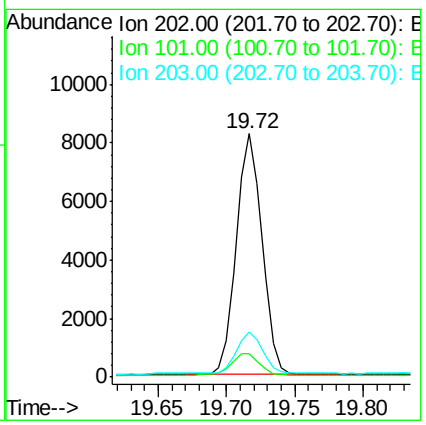


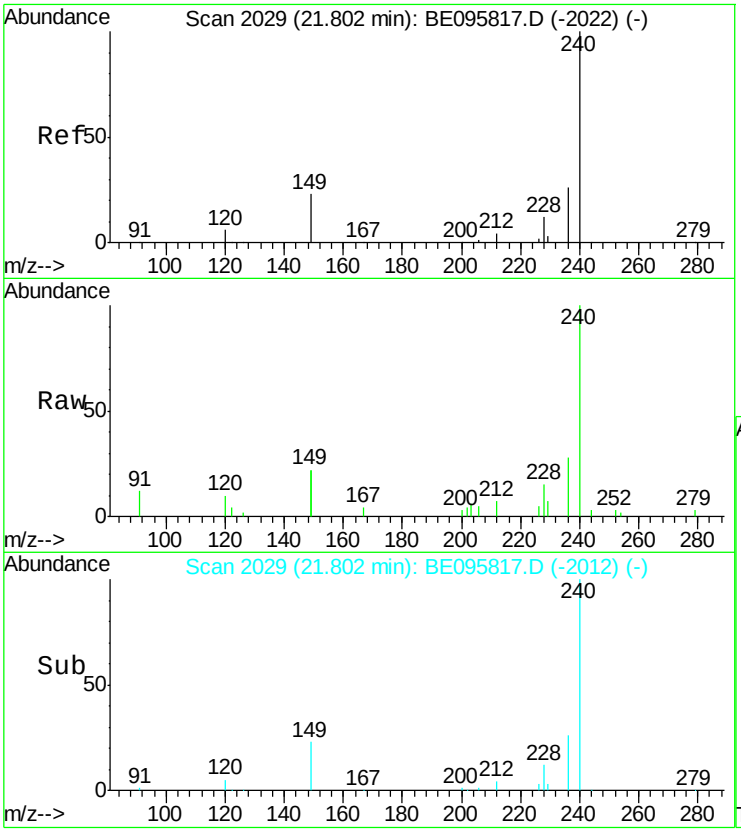


#26
Fluoranthene
Concen: 0.435 ng
RT: 19.72 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:202 Resp: 10729

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
203	17.1	13.7	20.5



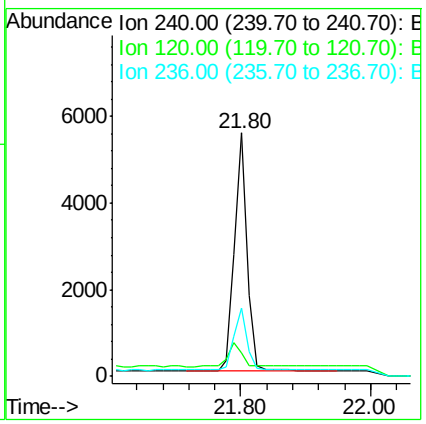


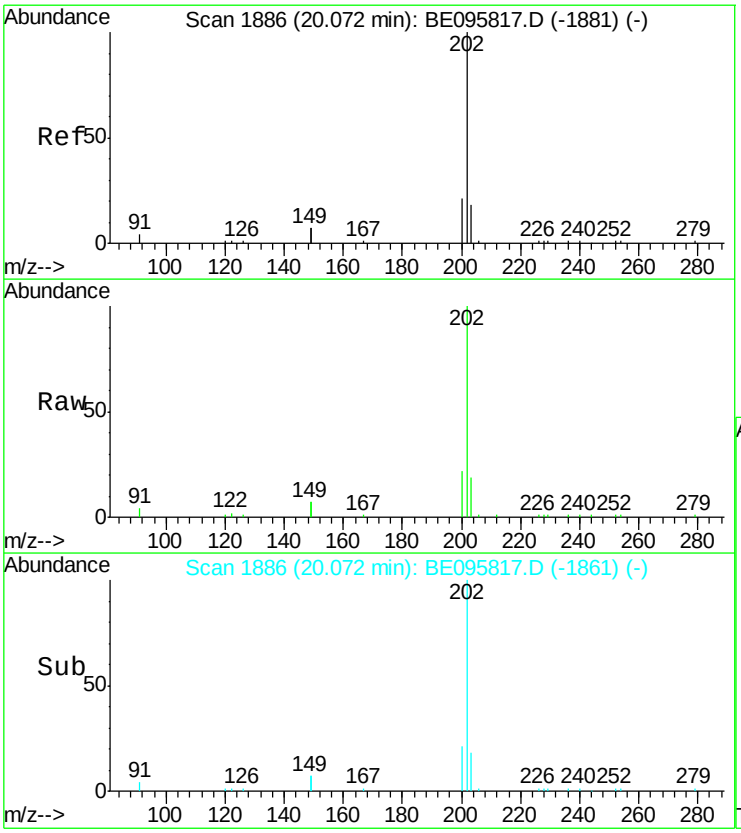
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.80 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 7639

Ion	Ratio	Lower	Upper
240	100		
120	9.6	5.5	8.3#
236	28.2	20.7	31.1

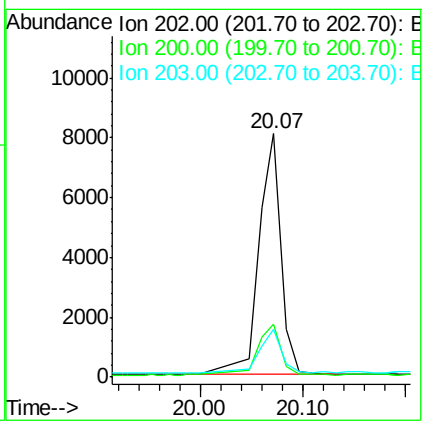


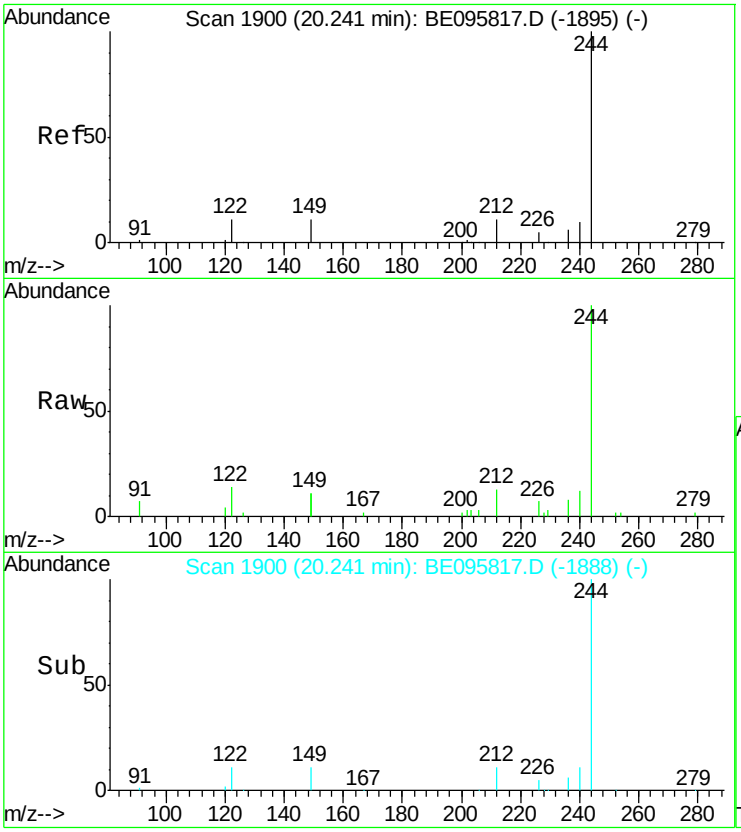


#28
Pyrene
Concen: 0.440 ng
RT: 20.07 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:202 Resp: 13737

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	18.1	13.8	20.8



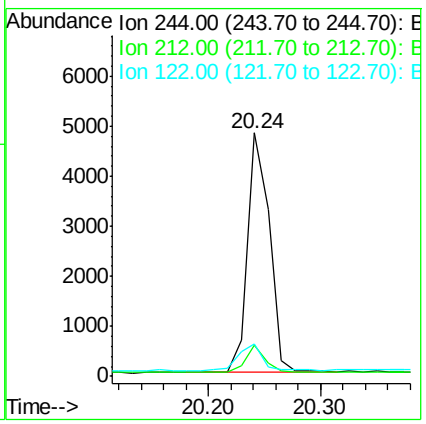


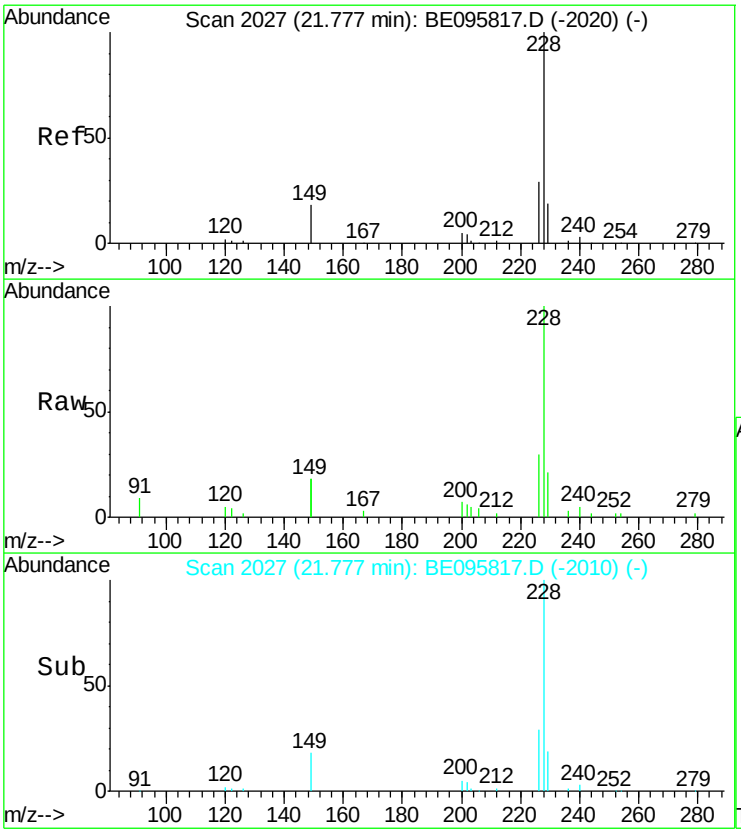
#29
Terphenyl-d14
Concen: 0.431 ng
RT: 20.24 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 6569

Ion	Ratio	Lower	Upper
244	100		
212	12.6	25.4	38.0#
122	13.5	8.1	12.1#

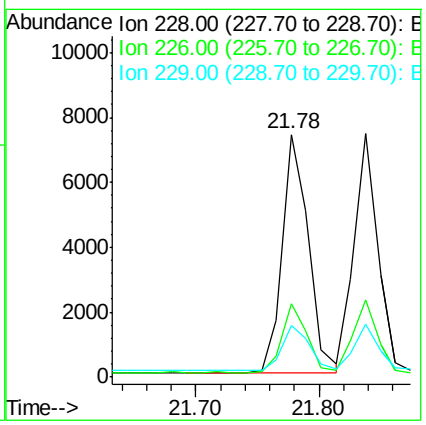


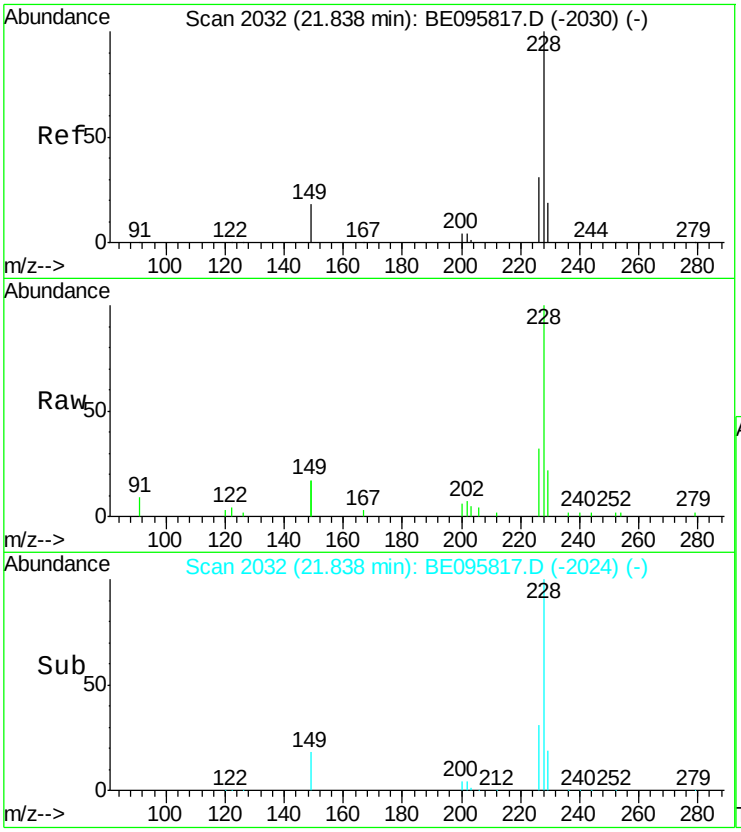


#30
Benzo(a)anthracene
Concen: 0.436 ng
RT: 21.78 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:228 Resp: 10875

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	21.2	16.0	24.0



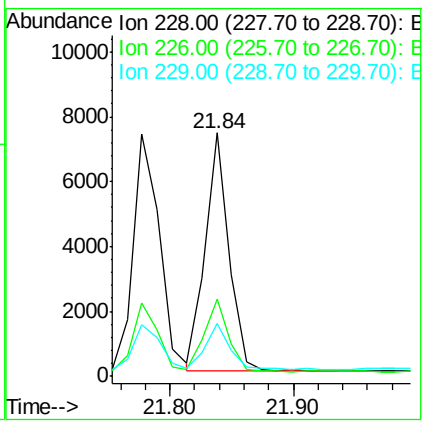


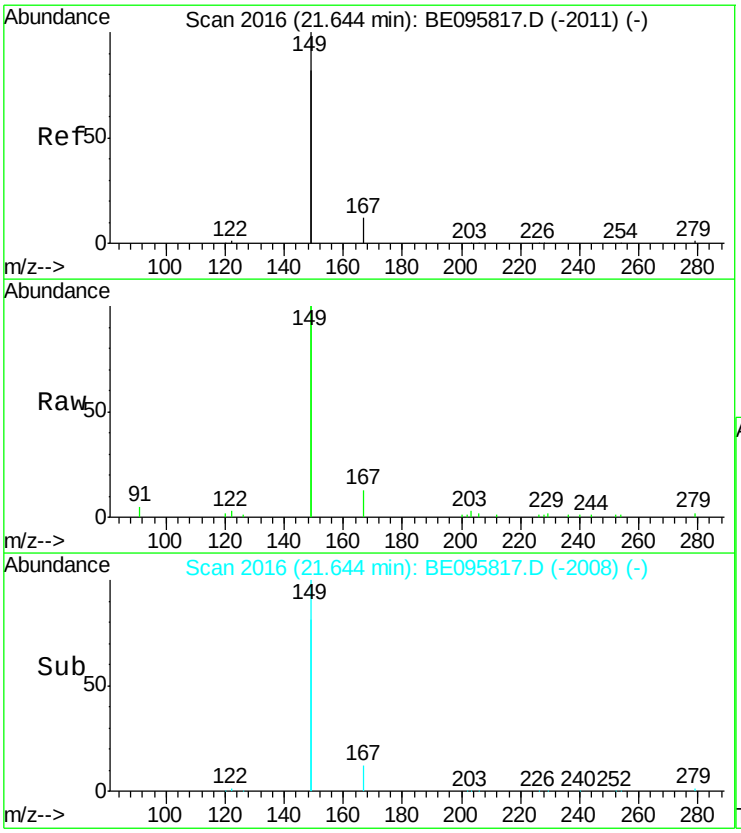
#31
Chrysene
Concen: 0.397 ng
RT: 21.84 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 9829

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	22.0	16.0	24.0

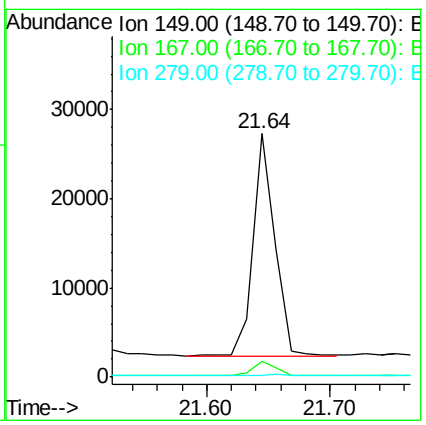


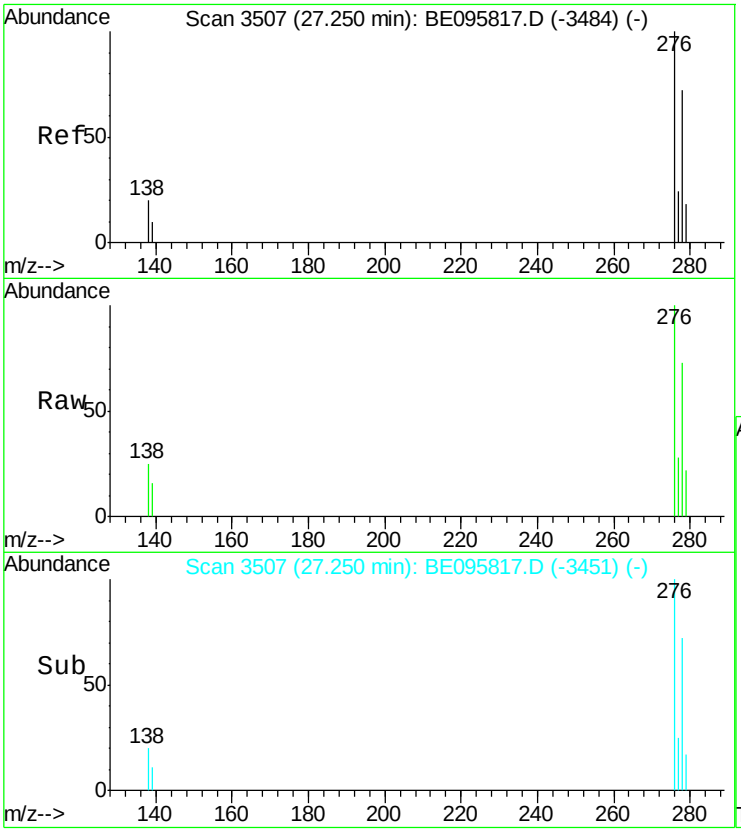


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.691 ng
RT: 21.64 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:149 Resp: 30469

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.1	0.7	1.1



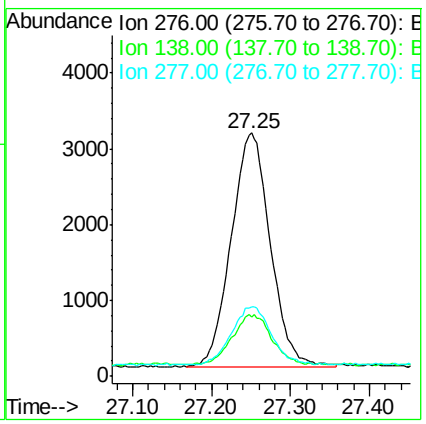


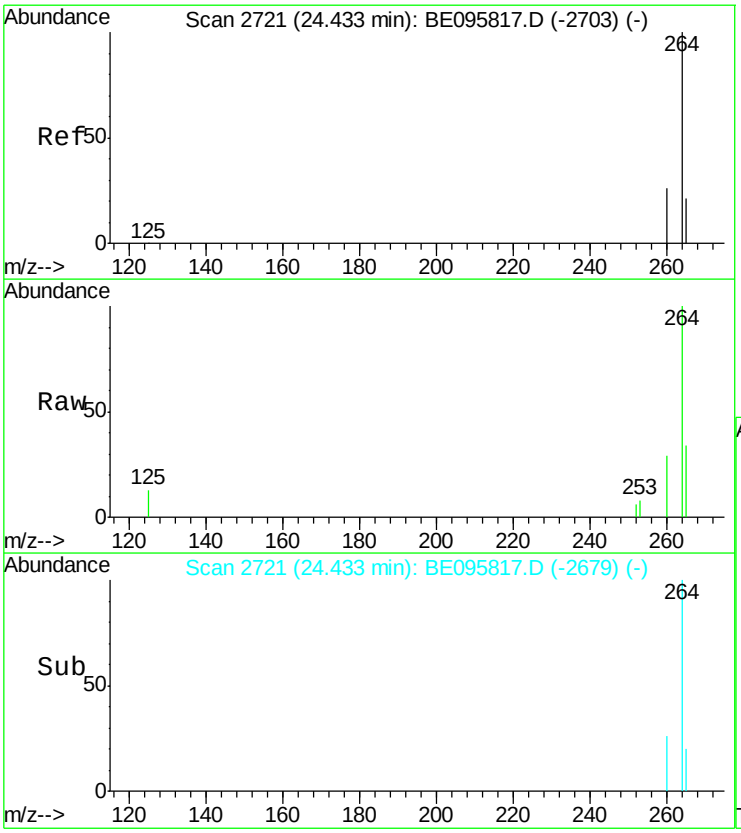
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng
RT: 27.25 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 10582

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.5	33.7#
277	24.5	19.9	29.9

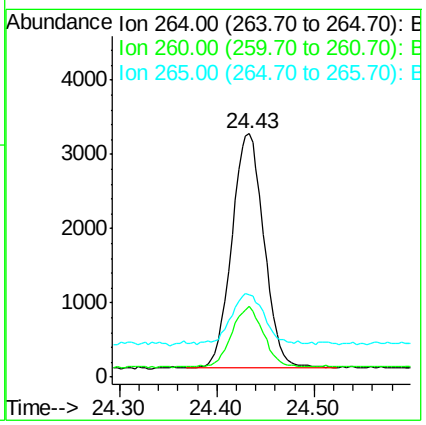


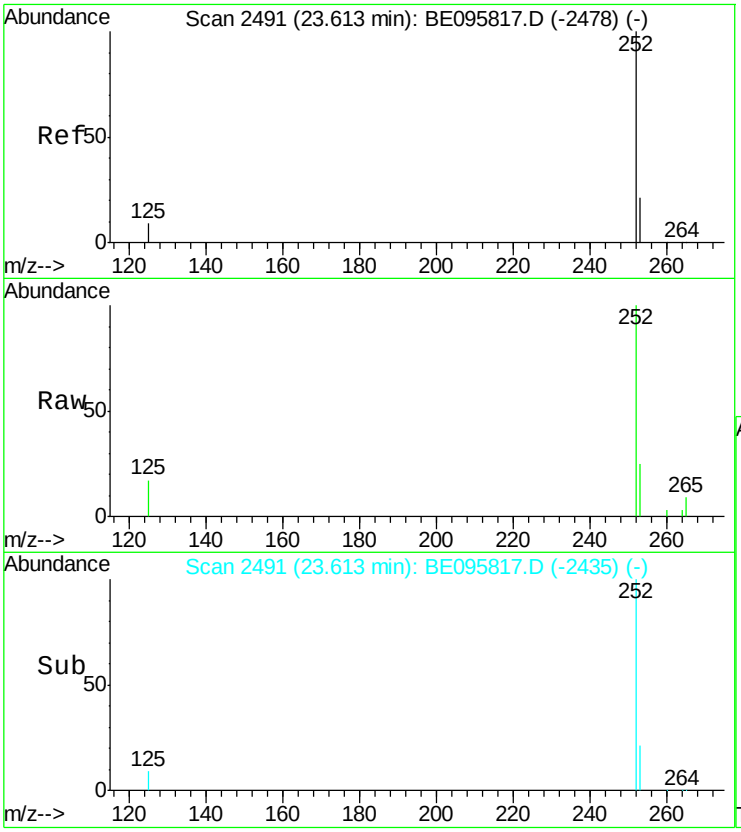


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.43 min Scan# 2721
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:264 Resp: 7266

Ion	Ratio	Lower	Upper
264	100		
260	29.2	20.5	30.7
265	33.9	22.8	34.2



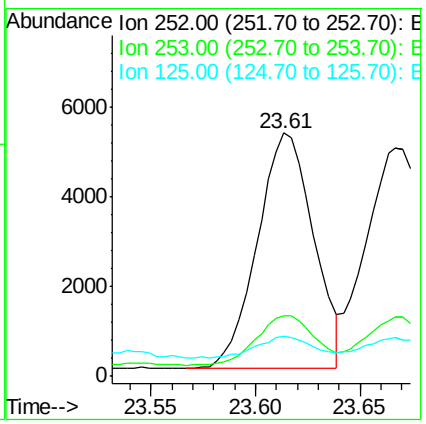


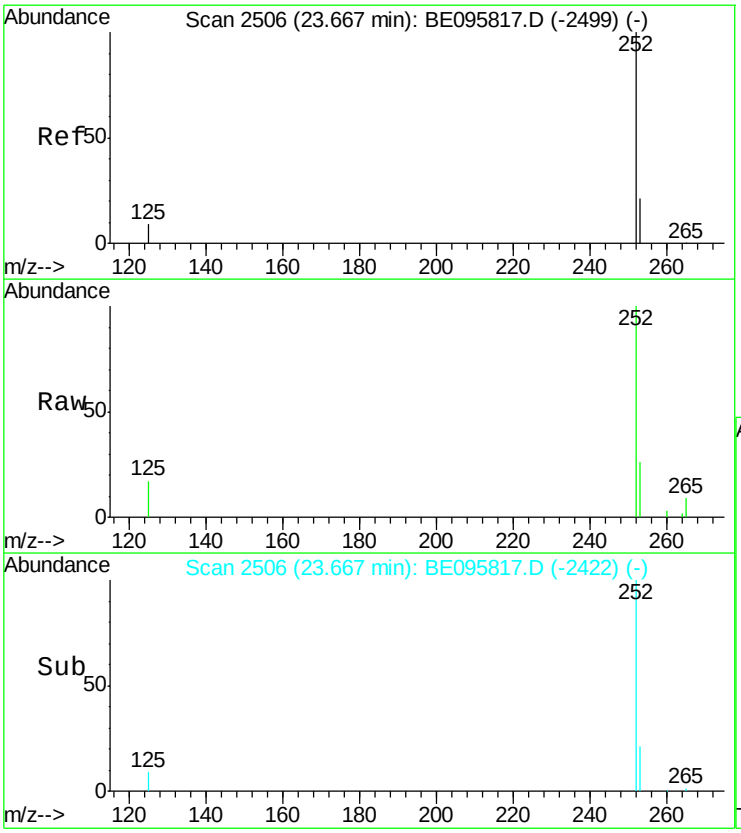
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.61 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 9782

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	16.6	16.0	24.0

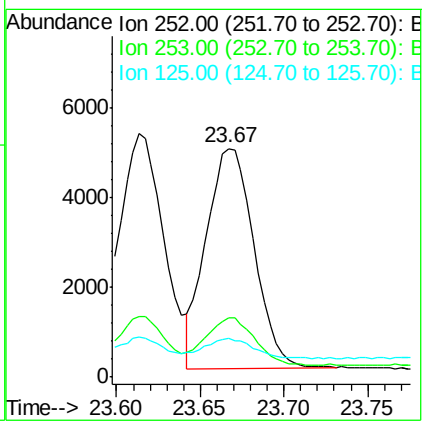


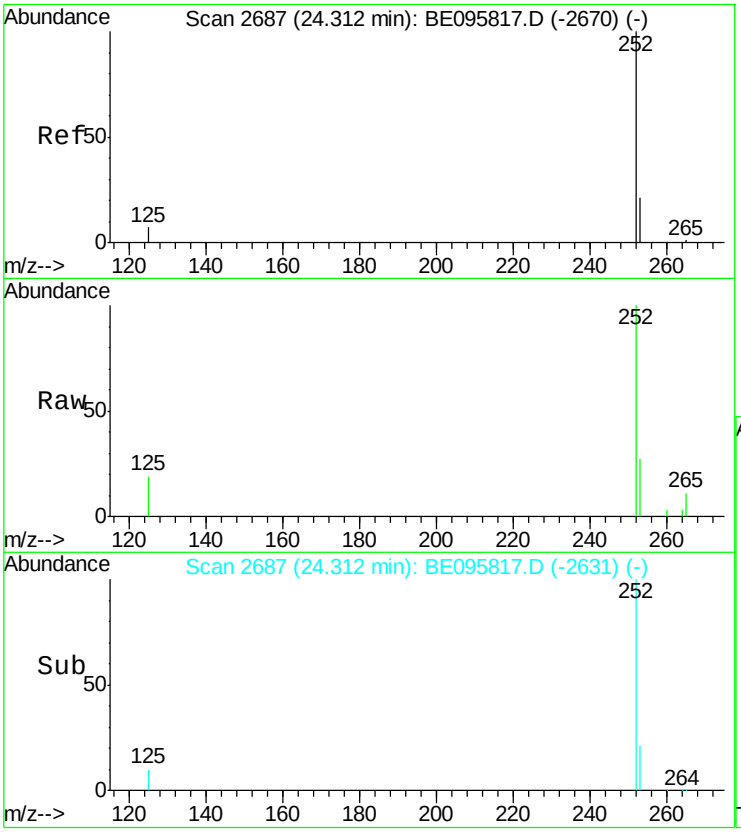


#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.67 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:252 Resp: 9738

Ion	Ratio	Lower	Upper
252	100		
253	25.8	16.0	24.0#
125	17.0	8.0	12.0#



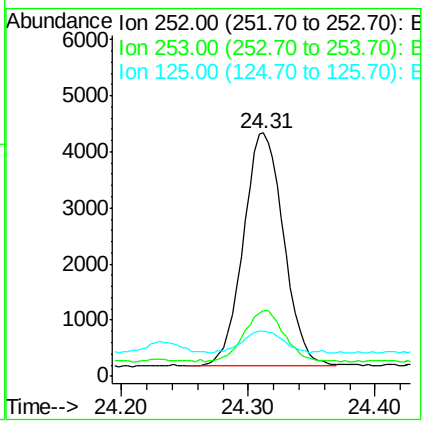


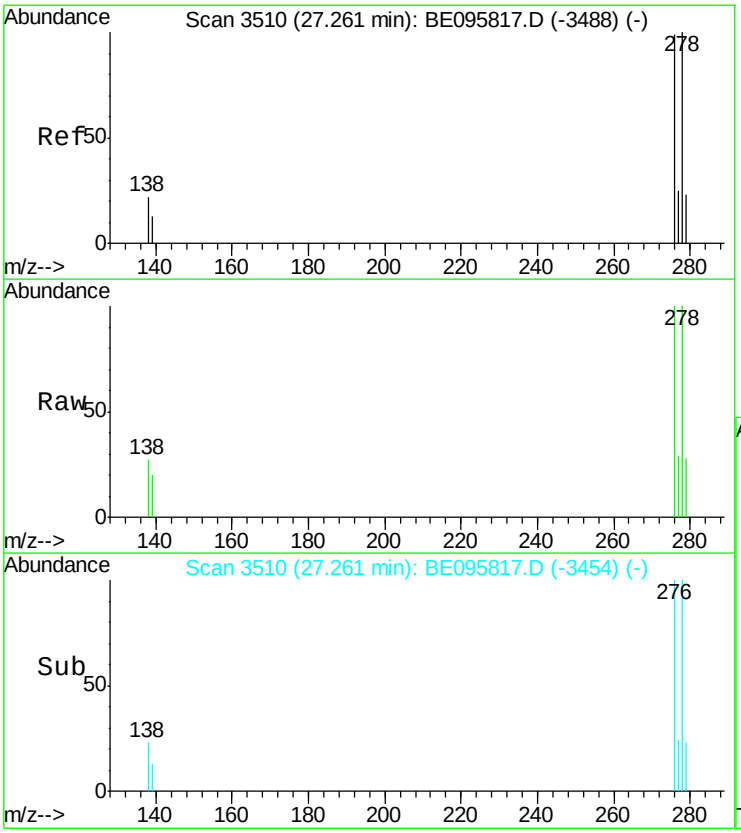
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 24.31 min Scan# 2687
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 9205

Ion	Ratio	Lower	Upper
252	100		
253	26.8	16.0	24.0#
125	18.8	12.0	18.0#

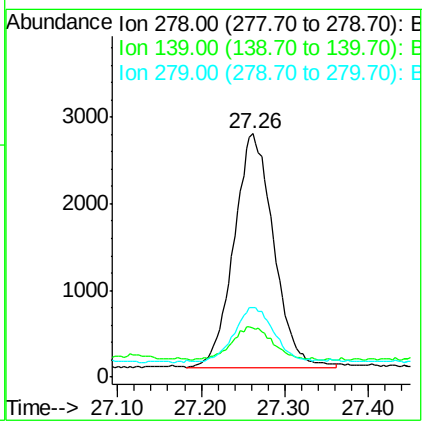


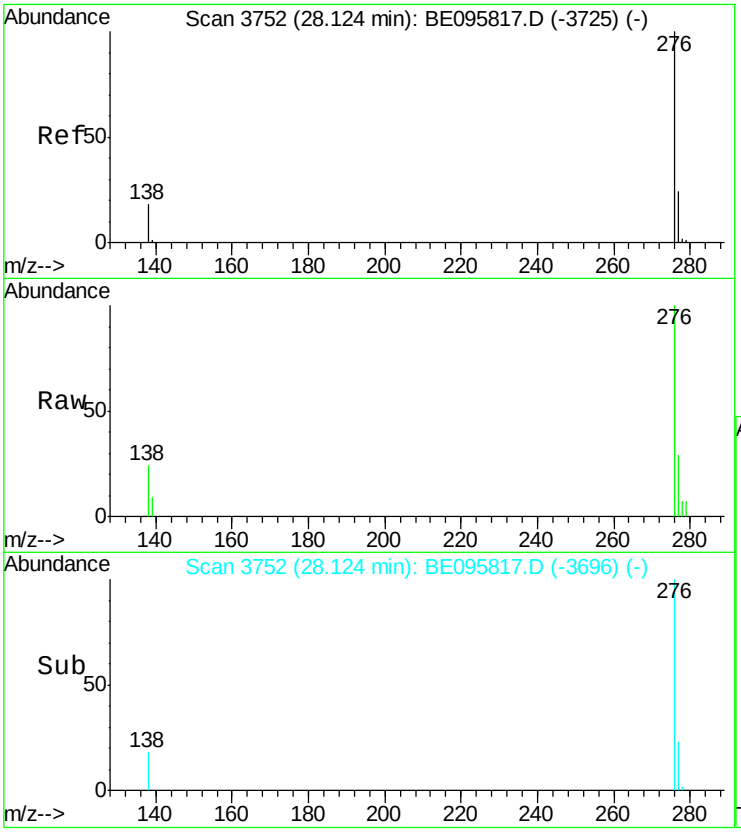


#38
Dibenzo(a,h)anthracene
Concen: 0.426 ng
RT: 27.26 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Tgt Ion:278 Resp: 8841

Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.0	24.0
279	28.5	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 28.12 min Scan# 3752
Delta R.T. 0.00 min
Lab File: BE095817.D
Acq: 23 Mar 2018 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 8782

Ion	Ratio	Lower	Upper
276	100		
277	29.1	16.0	24.0#
138	23.8	20.0	30.0