Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100012.D
Acq On : 14 Jun 2019 8:03
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jun 15 00:46:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	788	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	2852	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2048	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6072	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7914	0.40	ng		0.00
34) Perylene-d12	23.93	264	8986	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	795	0.37	ng		0.00
5) Phenol-d6	6.96	99	1025	0.37	ng		0.00
8) Nitrobenzene-d5	8.97	82	1046	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2071	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	390	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	3345	0.43	ng		0.00
25) Fluoranthene-d10	19.25	212	32397	0.37	ng		0.00
29) Terphenyl-d14	19.85	244	6092	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	457	0.392	ng		96
3) n-Nitrosodimethylamine	3.63	42	65	0.097	ng	#	100
6) bis(2-Chloroethyl)ether	7.23	93	887	0.396	ng	#	74
9) Naphthalene	10.64	128	12785	0.415	ng		99
10) Hexachlorobutadiene	10.91	225	1095	0.466	ng		98
12) 2-Methylnaphthalene	12.28	142	2033	0.406	ng		99
16) Acenaphthylene	14.18	152	4196	0.412	ng		98
17) Acenaphthene	14.53	154	2271	0.409	ng		98
18) Fluorene	15.51	166	3301	0.396	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1473	0.428	ng		96
21) Hexachlorobenzene	16.52	284	1517	0.431	ng		98
22) Pentachlorophenol	16.91	266	252	0.449	ng		96
23) Phenanthrene	17.25	178	5985	0.406	ng		100
24) Anthracene	17.35	178	4974	0.368	ng		98
26) Fluoranthene	19.28	202	9397	0.375	ng		99
28) Pyrene	19.64	202	9610	0.462	ng		100
30) Benzo(a)anthracene	21.39	228	9856	0.417	ng		98
31) Chrysene	21.44	228	11346	0.464	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	11156	0.329	ng		100
33) Indeno(1,2,3-cd)pyrene	26.62	276	12146	0.419	ng	#	94
35) Benzo(b)fluoranthene	23.15	252	10085	0.400	ng		99
36) Benzo(k)fluoranthene	23.20	252	11371	0.432	ng		99
37) Benzo(a)pyrene	23.82	252	10239	0.413	ng	#	98
38) Dibenzo(a,h)anthracene	26.64	278	9246	0.370	ng		97
39) Benzo(g,h,i)perylene	27.44	276	10545	0.409	ng		97

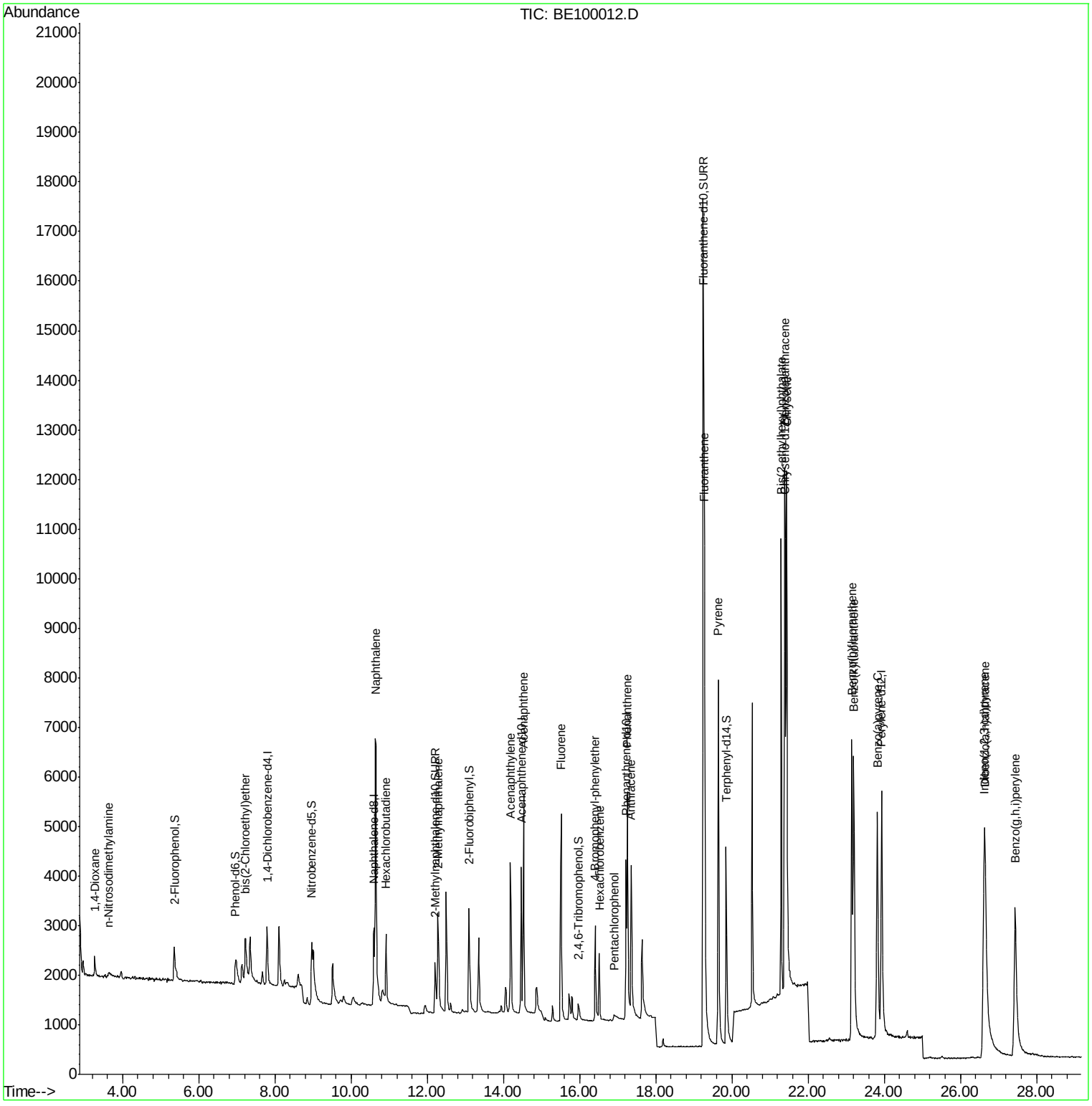
(#) = qualifier out of range (m) = manual integration (+) = signals summed

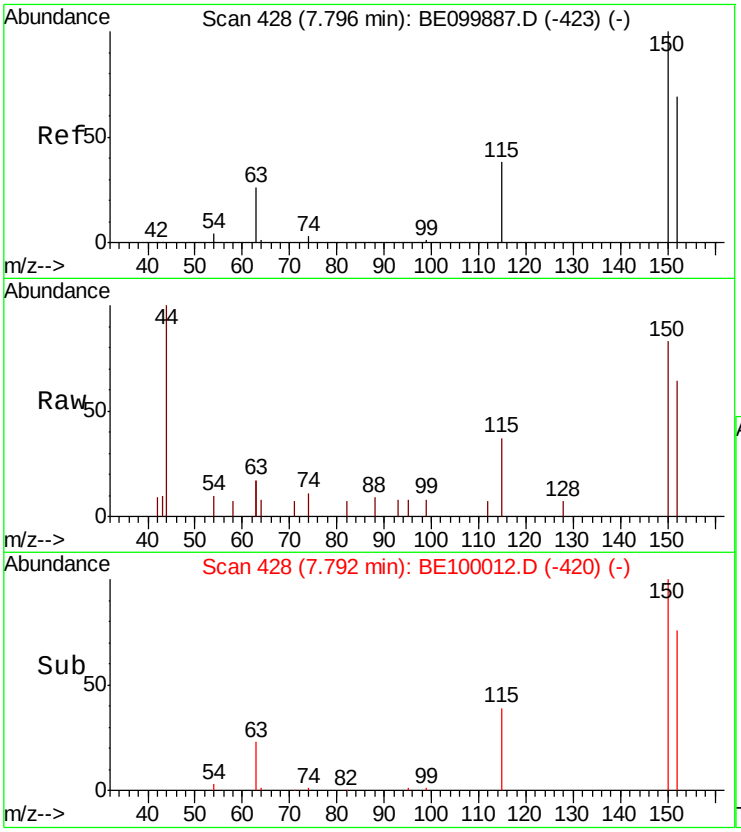
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
Data File : BE100012.D
Acq On : 14 Jun 2019 8:03
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 15 00:46:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



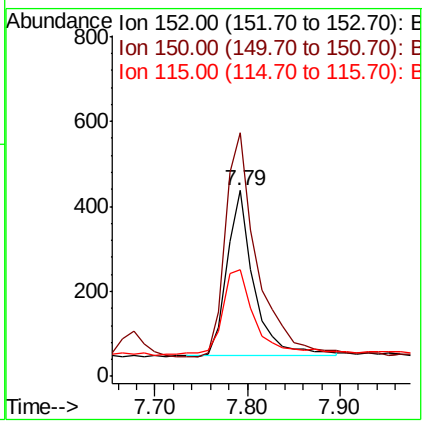


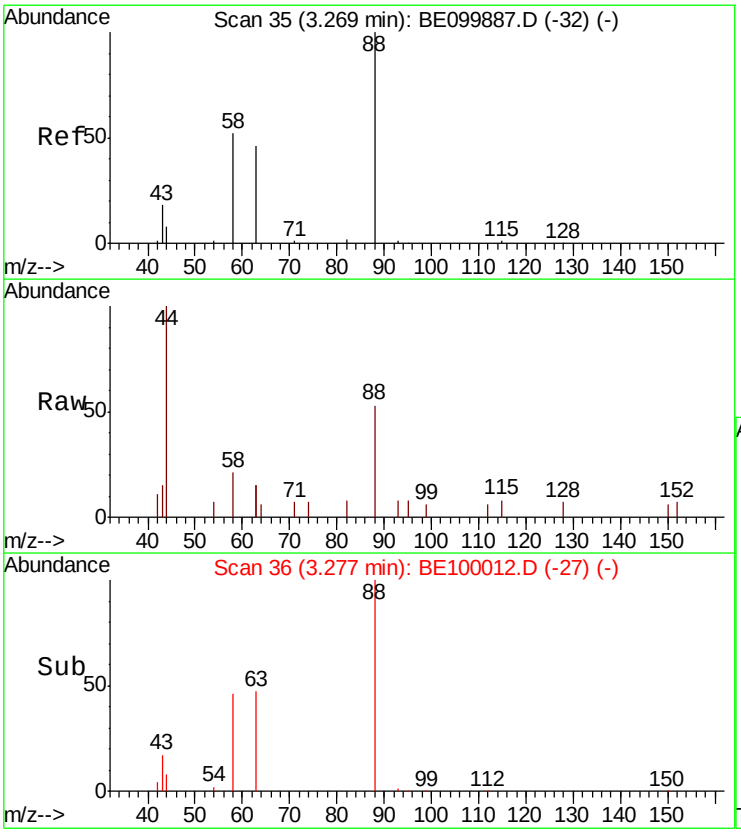
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 788

Ion	Ratio	Lower	Upper
152	100		
150	131.1	111.0	166.6
115	57.4	50.7	76.1

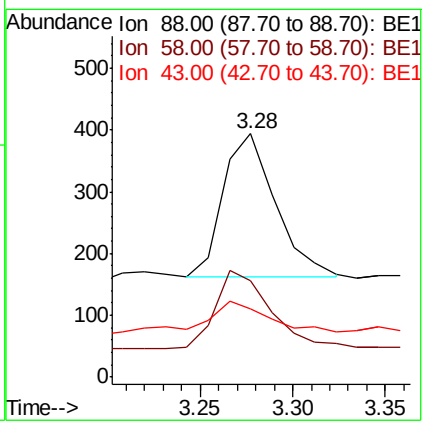


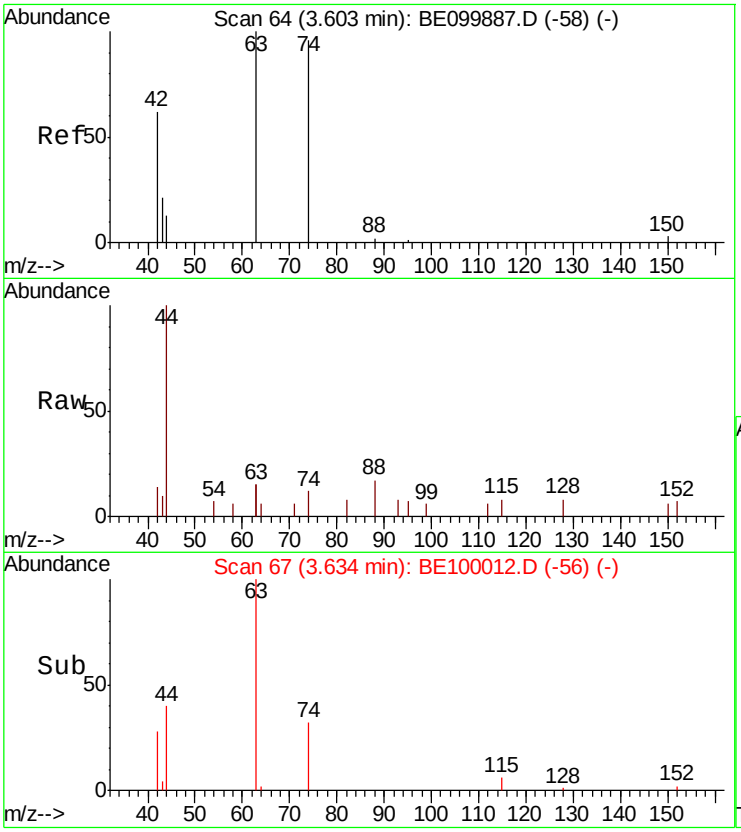


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion: 88 Resp: 457

Ion	Ratio	Lower	Upper
88	100		
58	57.1	48.8	73.2
43	24.5	19.0	28.6



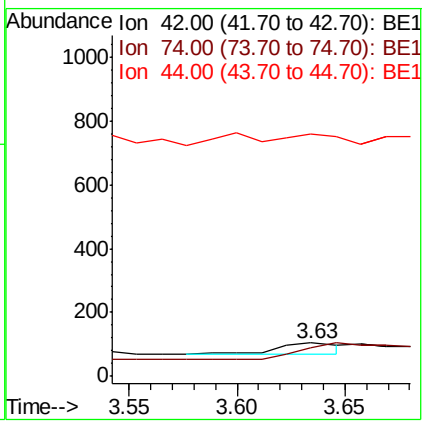


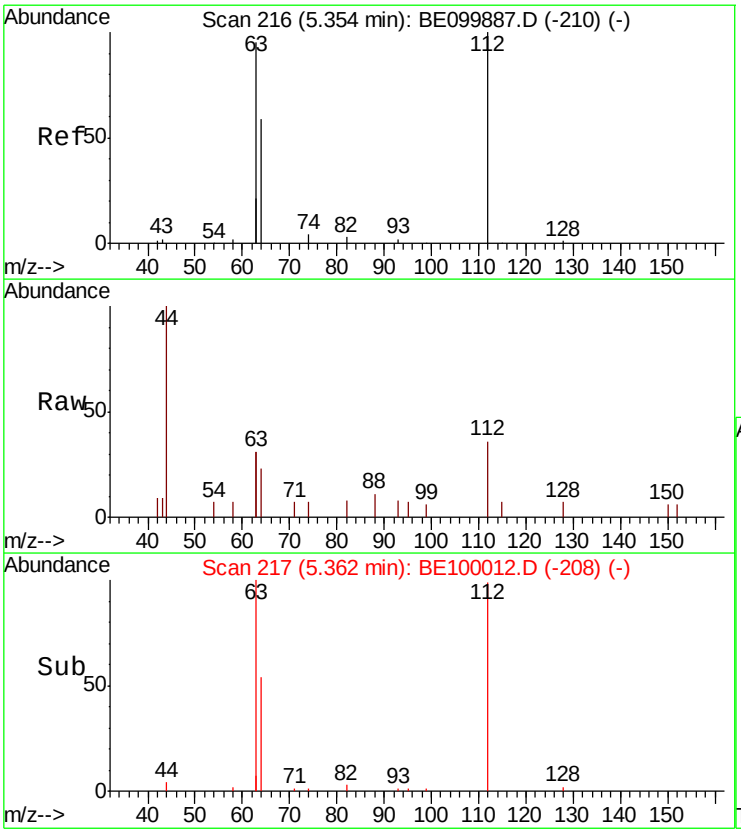
#3
n-Nitrosodimethylamine
Concen: 0.097 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 65

Ion	Ratio	Lower	Upper
42	100		
74	163.1	0.0	0.0#
44	0.0	0.0	0.0

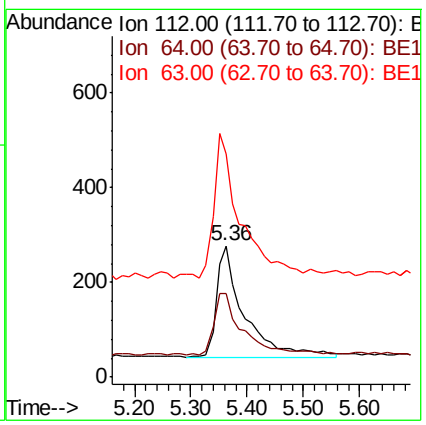


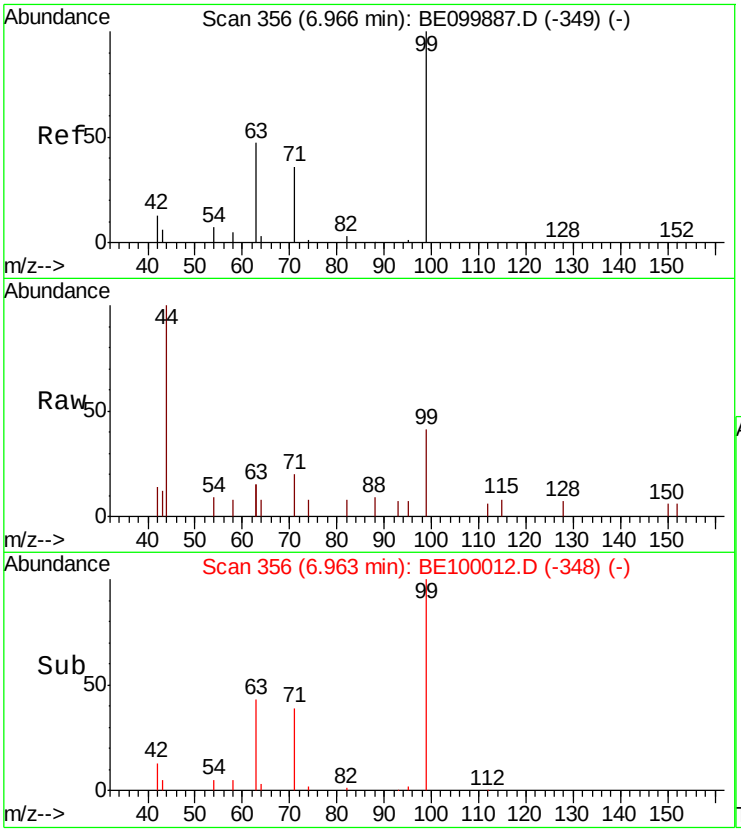


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:112 Resp: 795

Ion	Ratio	Lower	Upper
112	100		
64	57.6	44.1	66.1
63	126.9	87.8	131.6



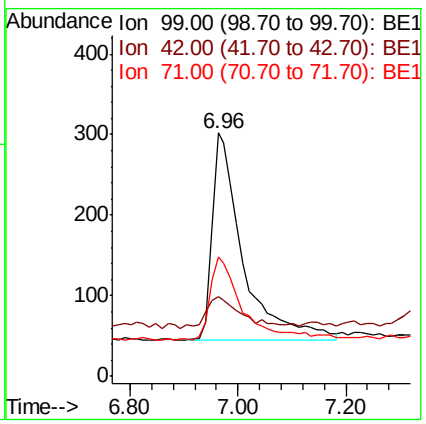


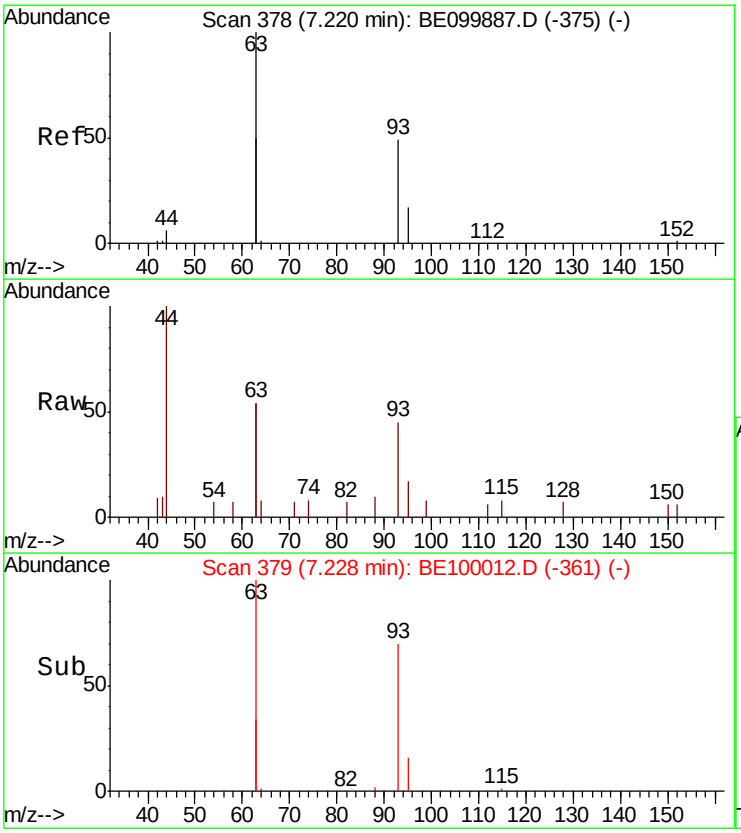
#5
Phenol-d6
Concen: 0.374 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1025

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.9	23.9
71	41.4	34.6	52.0

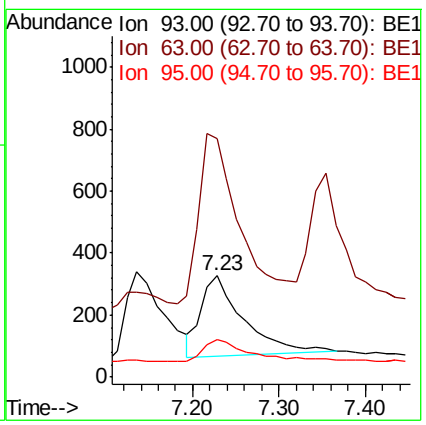


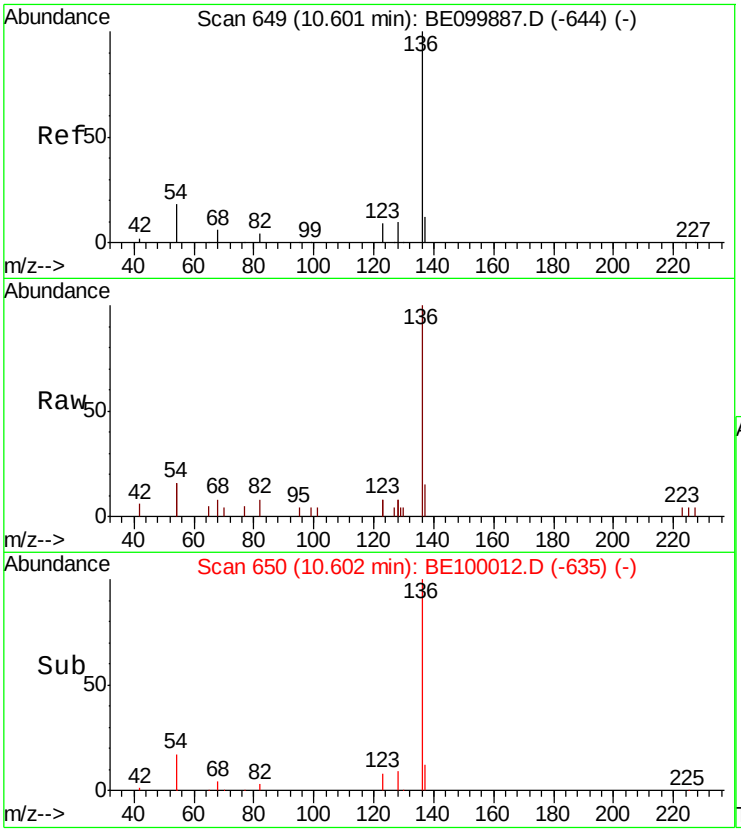


#6
bis(2-Chloroethyl)ether
Concen: 0.396 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion: 93 Resp: 887

Ion	Ratio	Lower	Upper
93	100		
63	202.3	202.8	304.2#
95	30.1	23.7	35.5



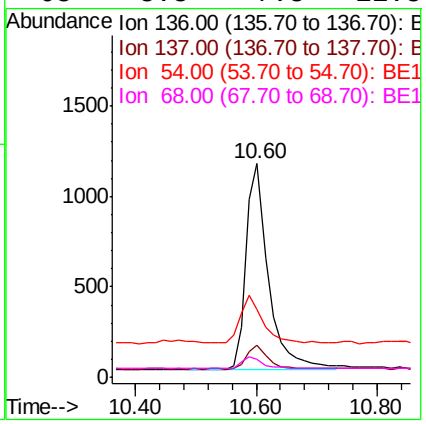


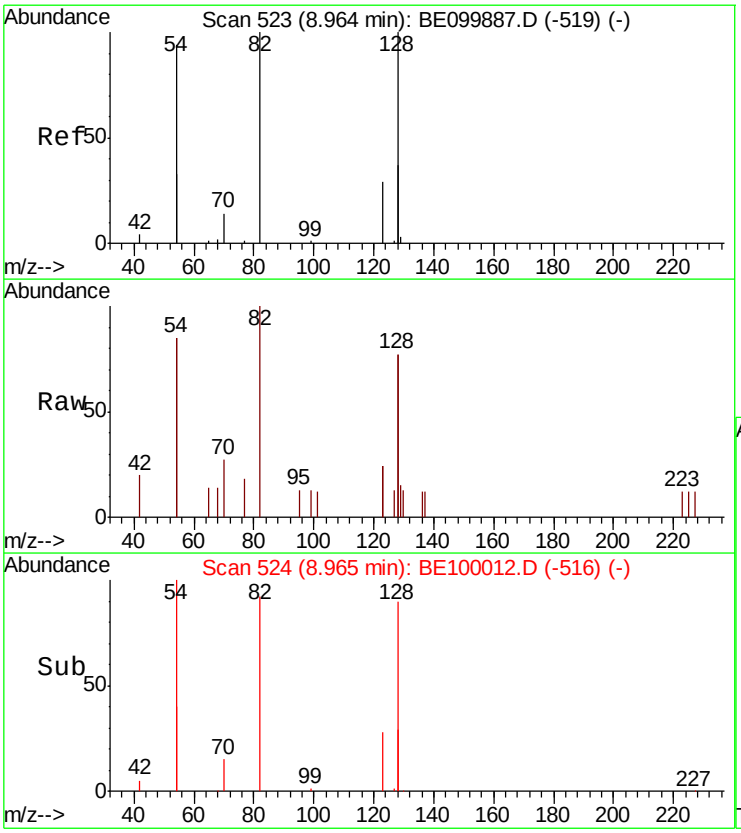
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2852

Ion	Ratio	Lower	Upper
136	100		
137	15.1	12.3	18.5
54	32.0	28.2	42.4
68	8.3	7.8	11.8

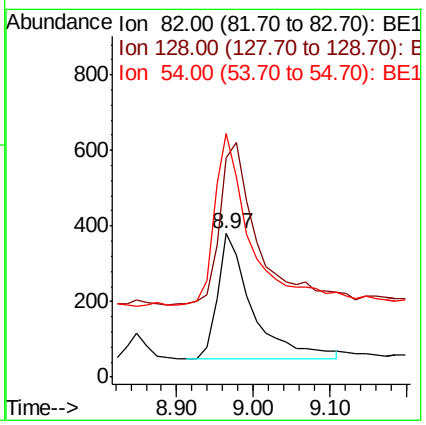


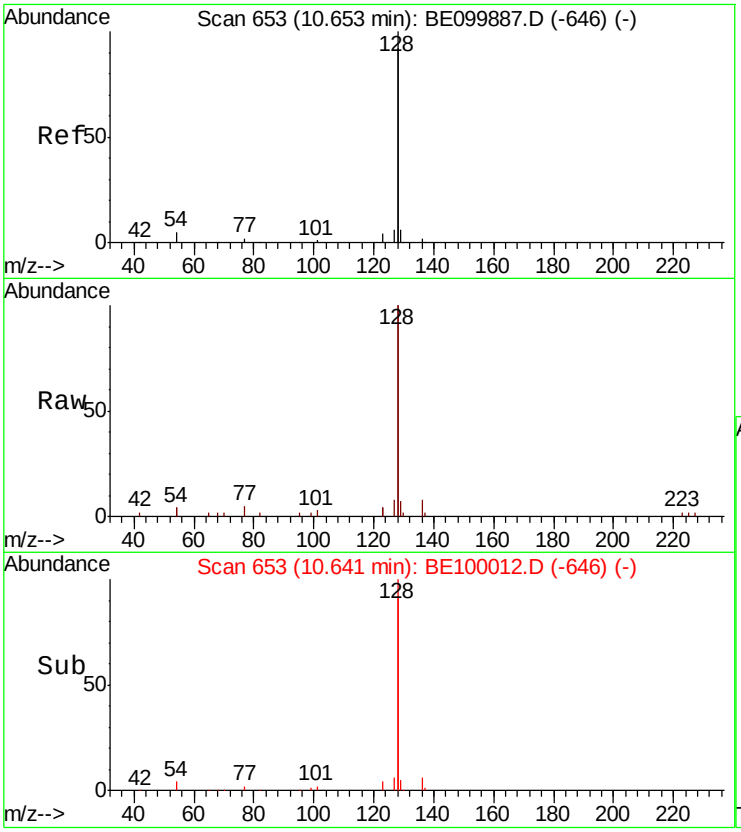


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.97 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion: 82 Resp: 1046

Ion	Ratio	Lower	Upper
82	100		
128	153.2	137.3	205.9
54	169.5	129.7	194.5



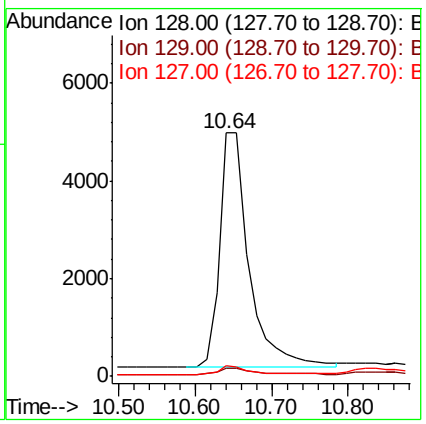


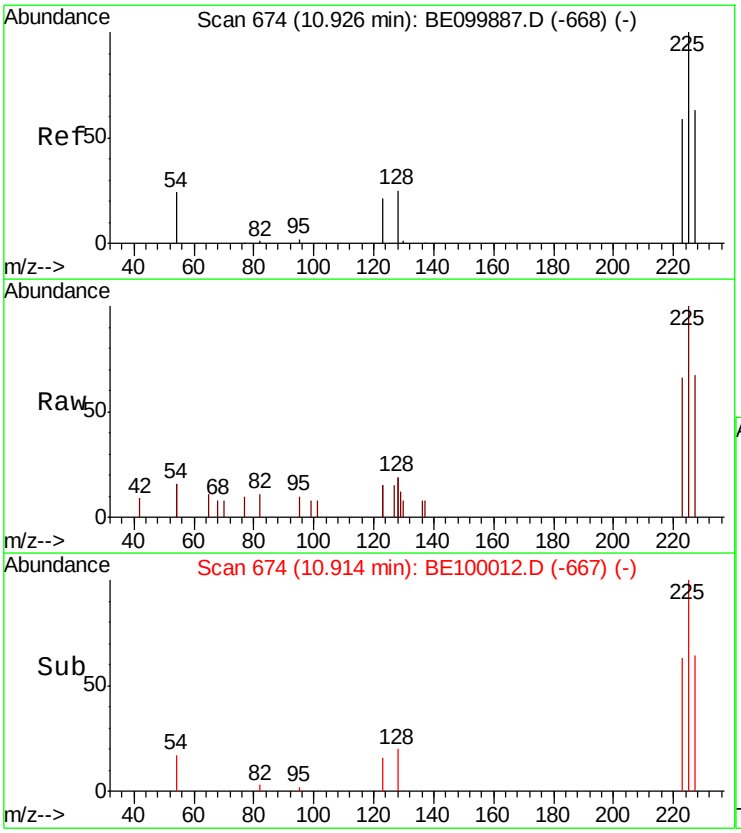
#9
Naphthalene
Concen: 0.415 ng
RT: 10.64 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12785

Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	4.1	3.4	5.0

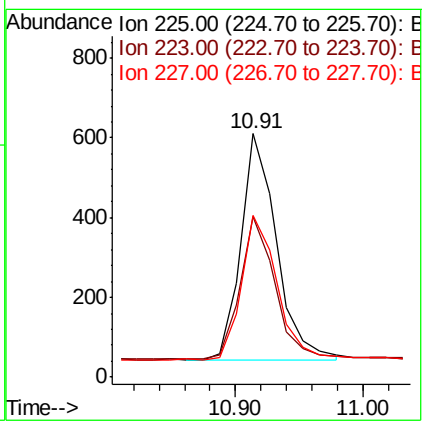


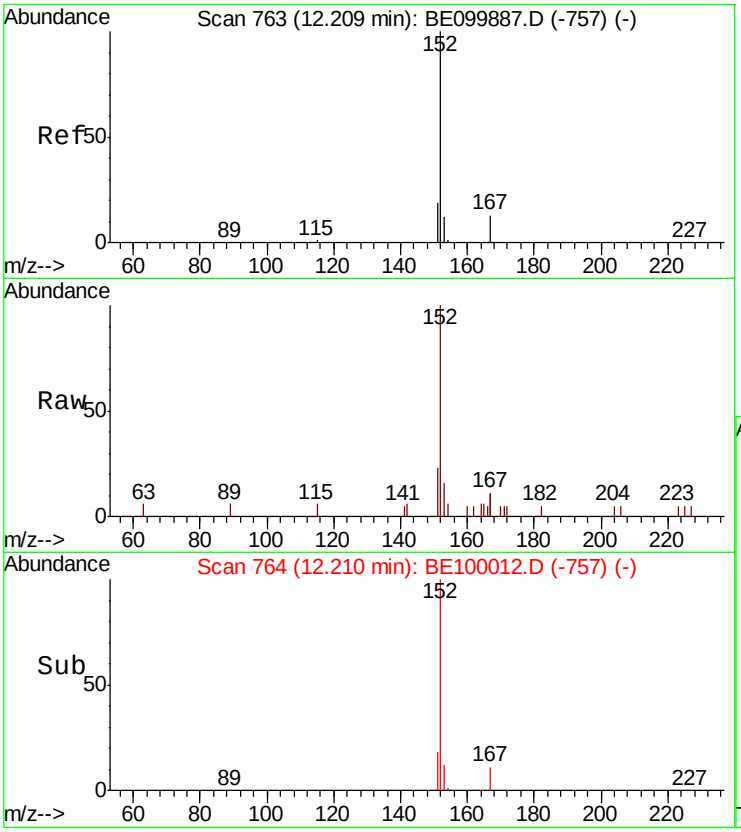


#10
Hexachlorobutadiene
Concen: 0.466 ng
RT: 10.91 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:225 Resp: 1095

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.6	77.4
227	64.2	50.6	76.0



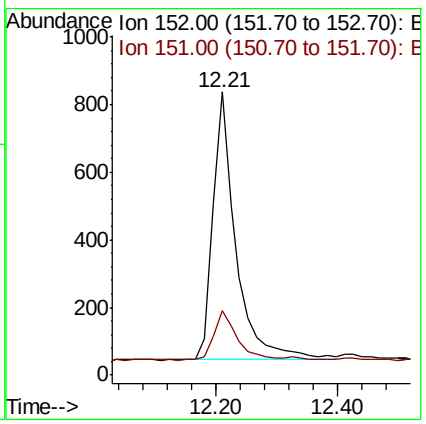


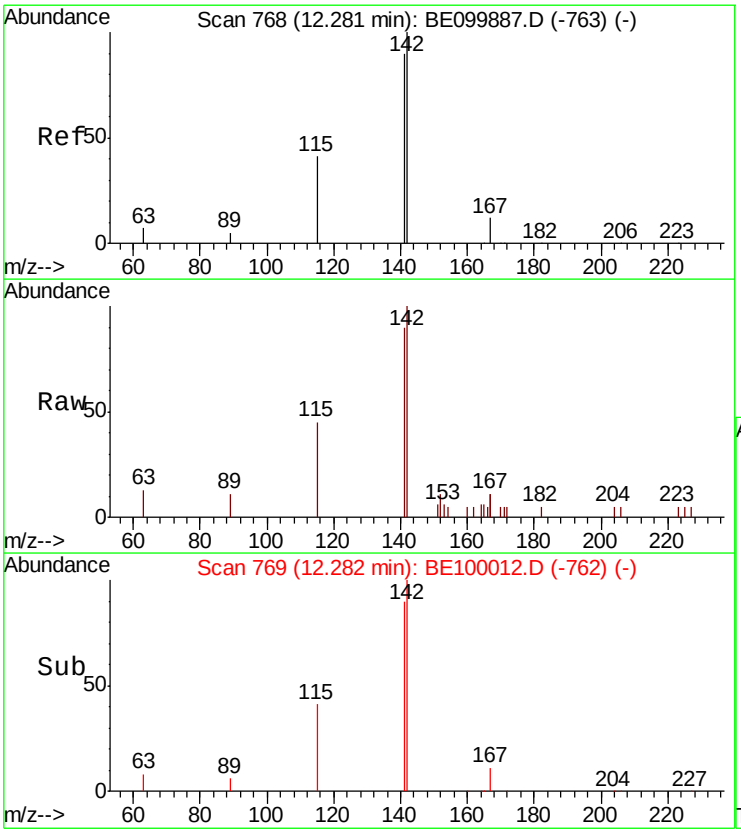
#11
2-Methylnaphthalene-d10
Concen: 0.416 ng
RT: 12.21 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2071

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.2	22.8

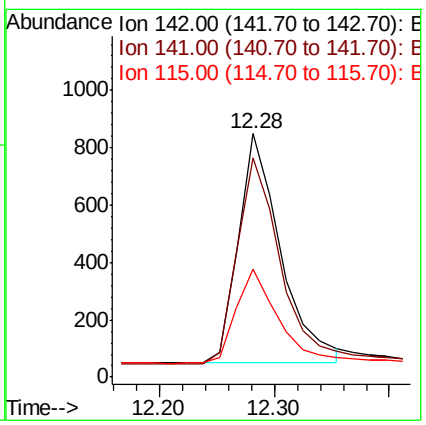


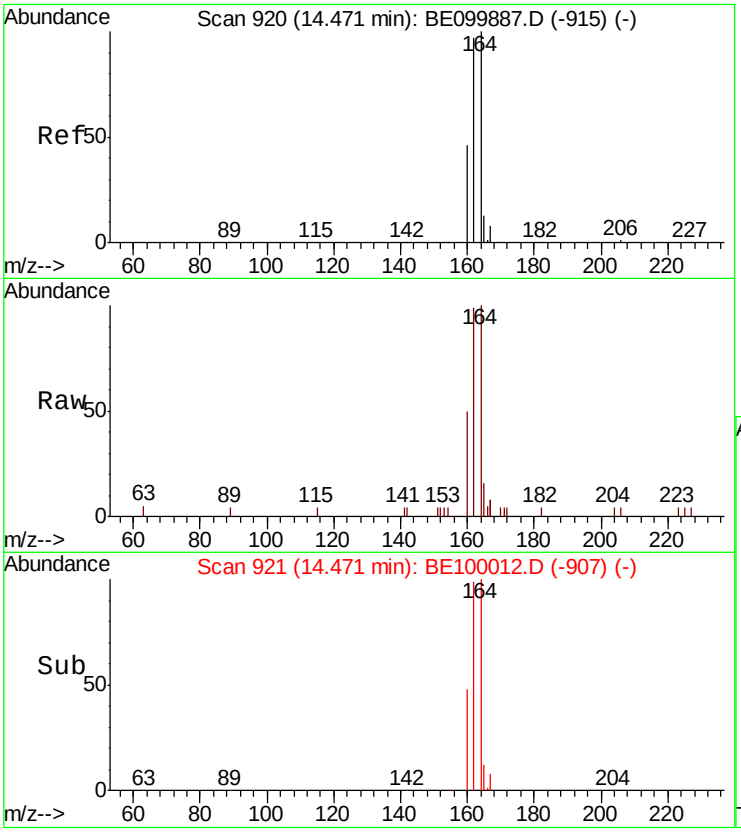


#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 12.28 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:142 Resp: 2033

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.3	108.5
115	44.5	36.4	54.6



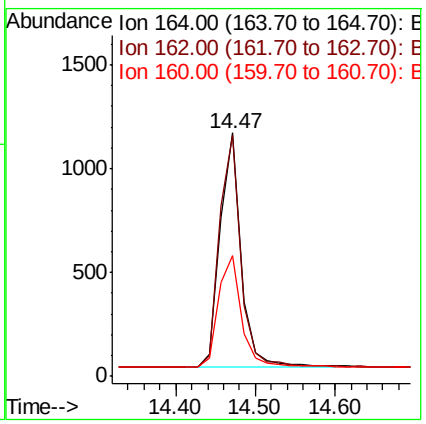


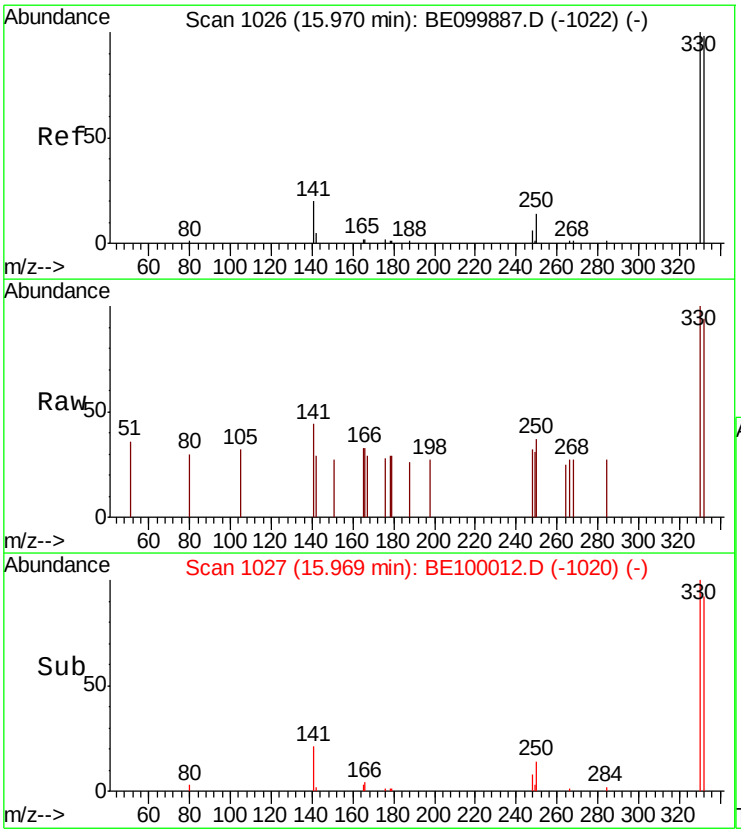
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2048

Ion	Ratio	Lower	Upper
164	100		
162	99.2	77.8	116.8
160	49.6	38.2	57.4

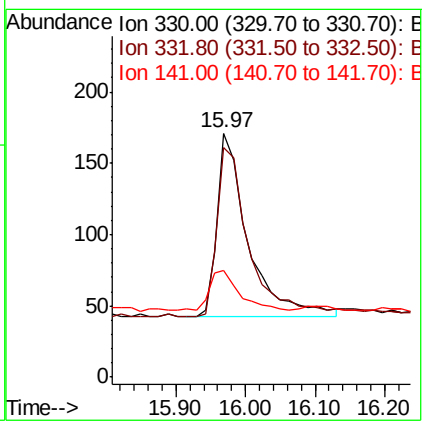


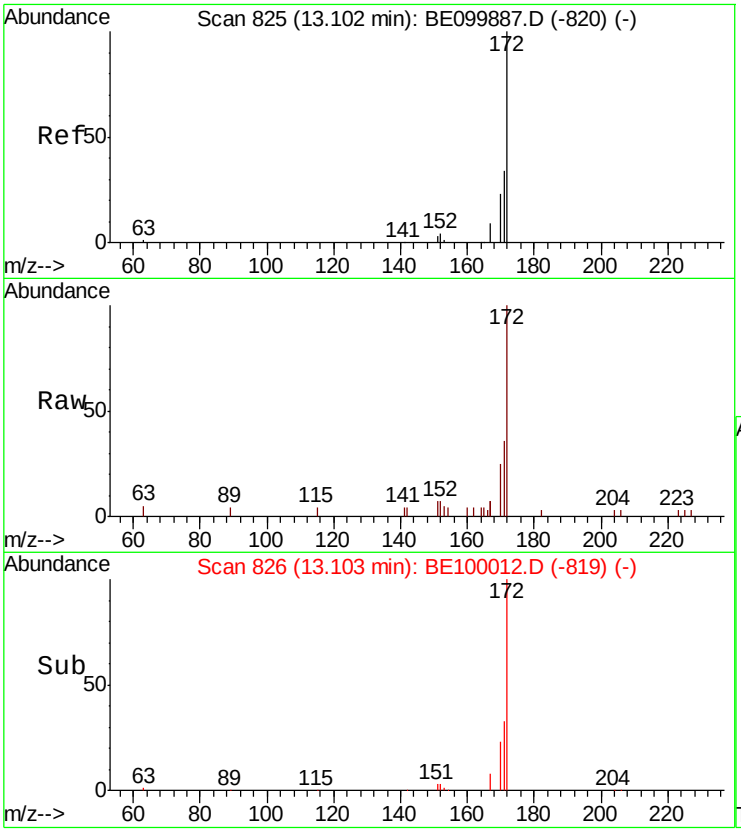


#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.97 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:330 Resp: 390

Ion	Ratio	Lower	Upper
330	100		
332	101.5	76.7	115.1
141	20.8	21.0	31.6#



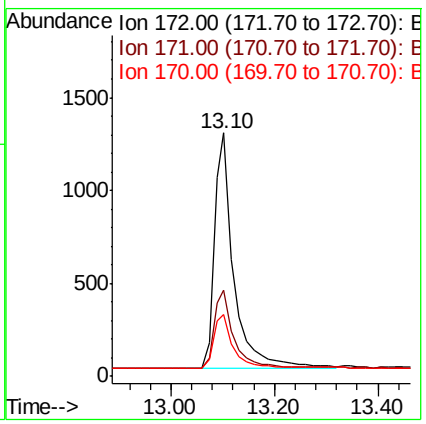


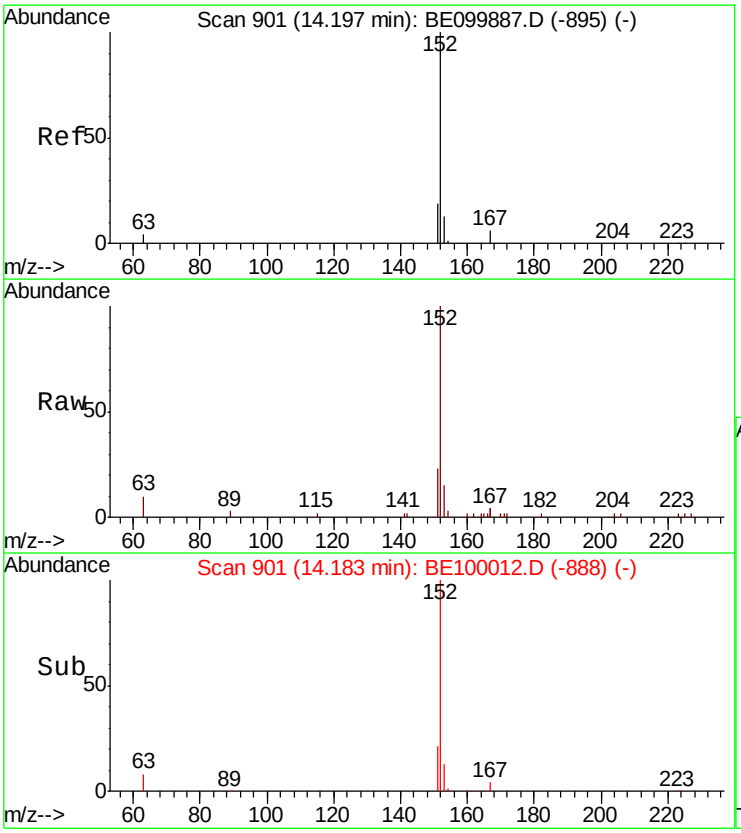
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.10 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 3345

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	25.3	21.2	31.8

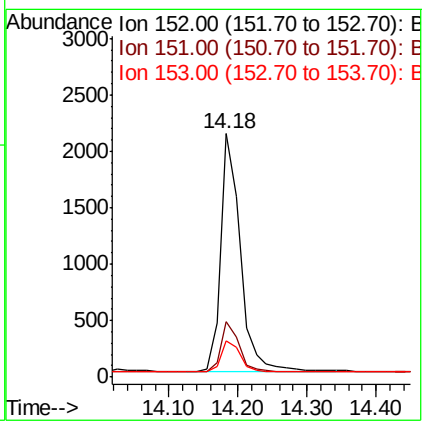


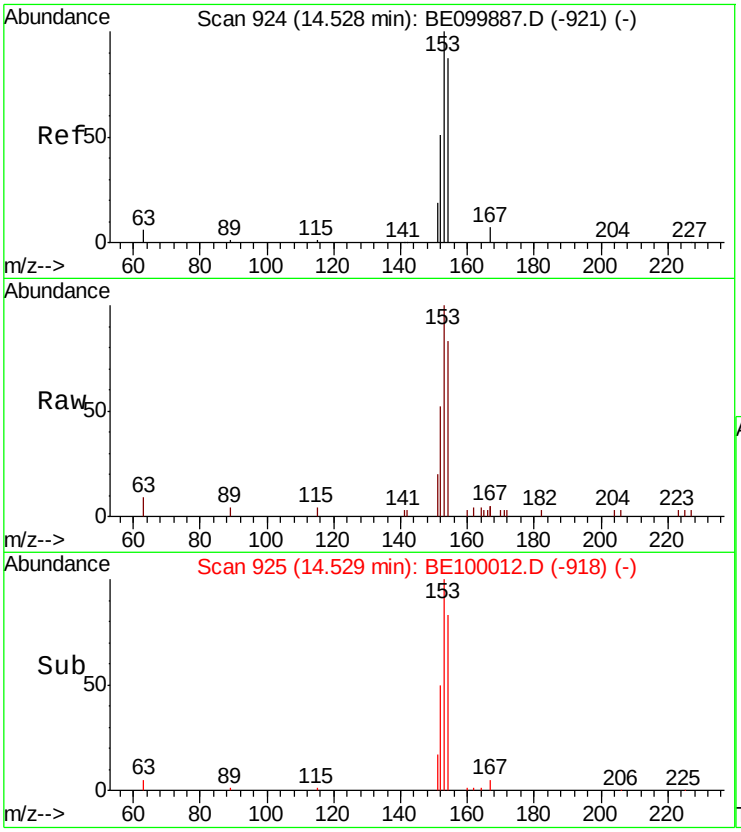


#16
Acenaphthylene
Concen: 0.412 ng
RT: 14.18 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:152 Resp: 4196

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	13.7	10.2	15.2



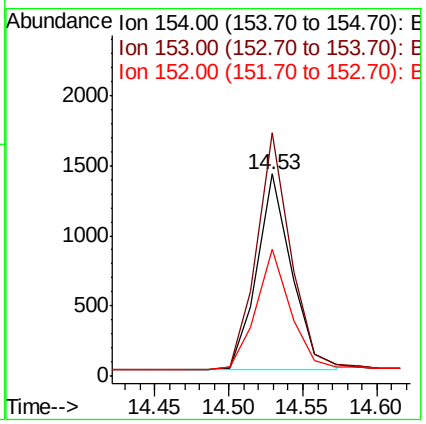


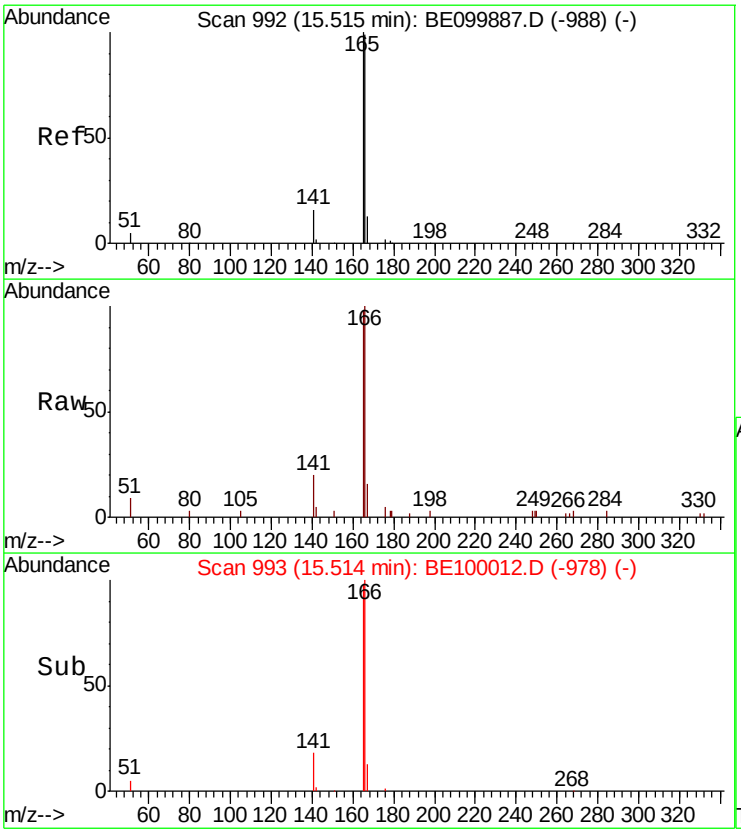
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2271

Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.1	139.7
152	60.6	47.0	70.4

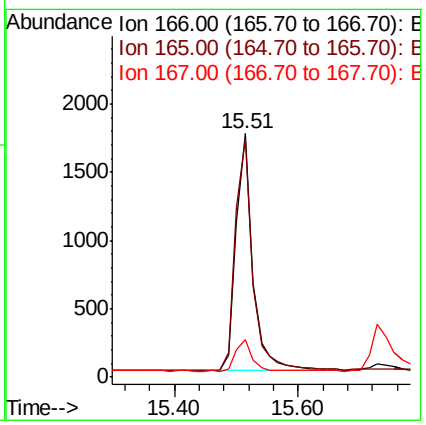


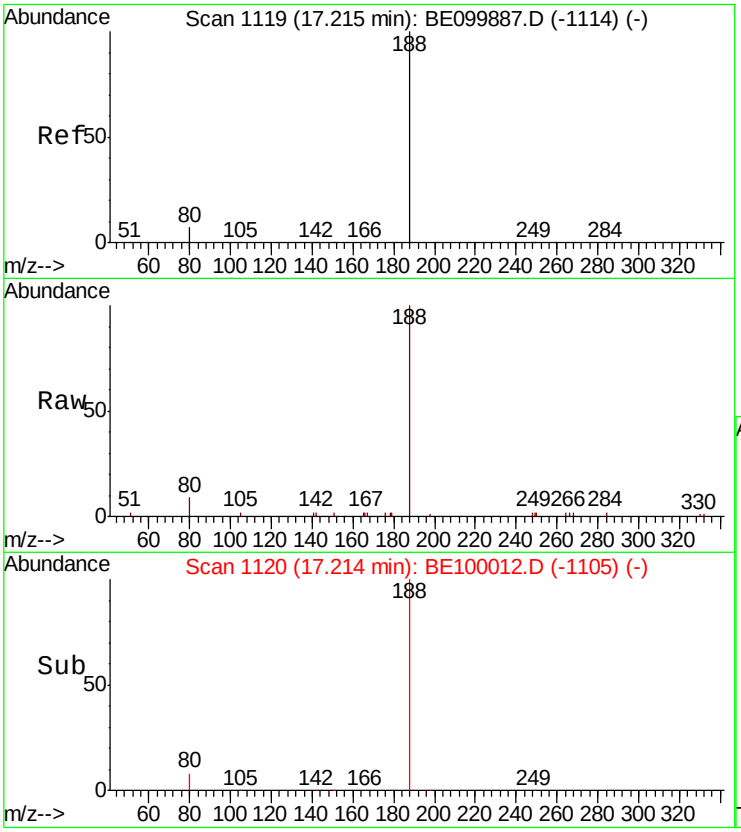


#18
Fluorene
Concen: 0.396 ng
RT: 15.51 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:166 Resp: 3301

Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.8	122.8
167	13.6	11.2	16.8



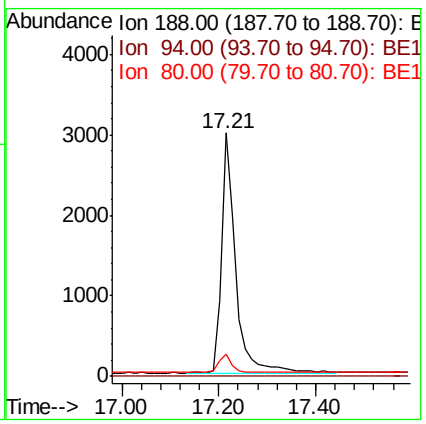


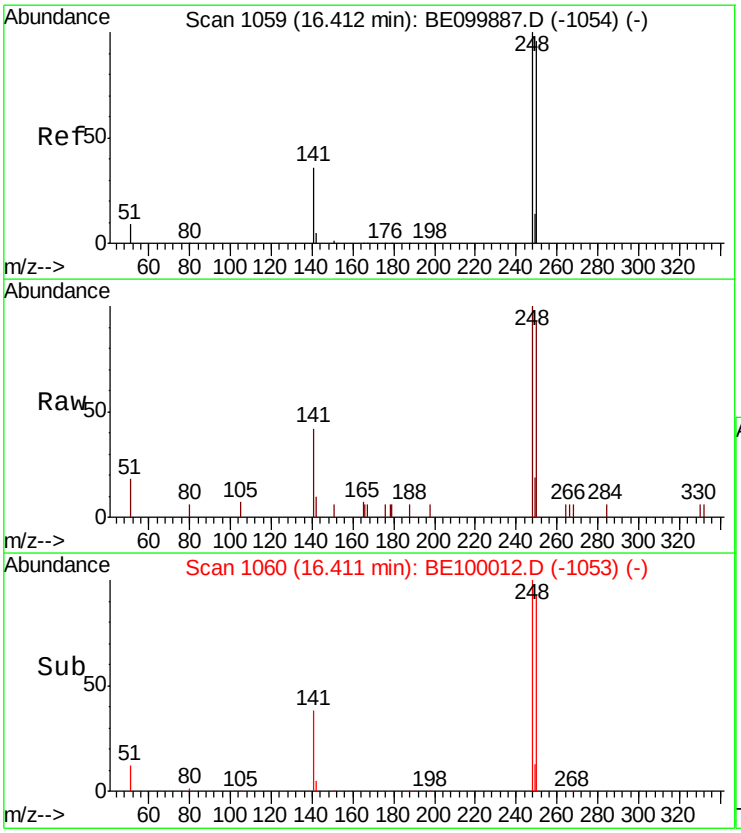
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 6072

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	6.4	9.6

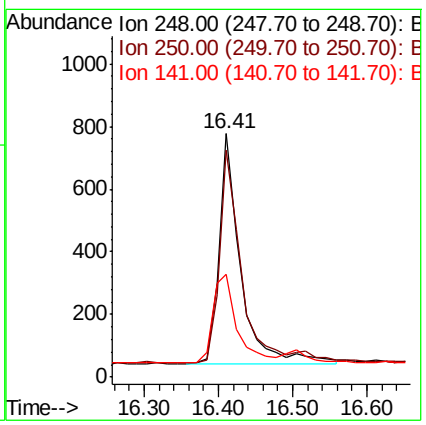


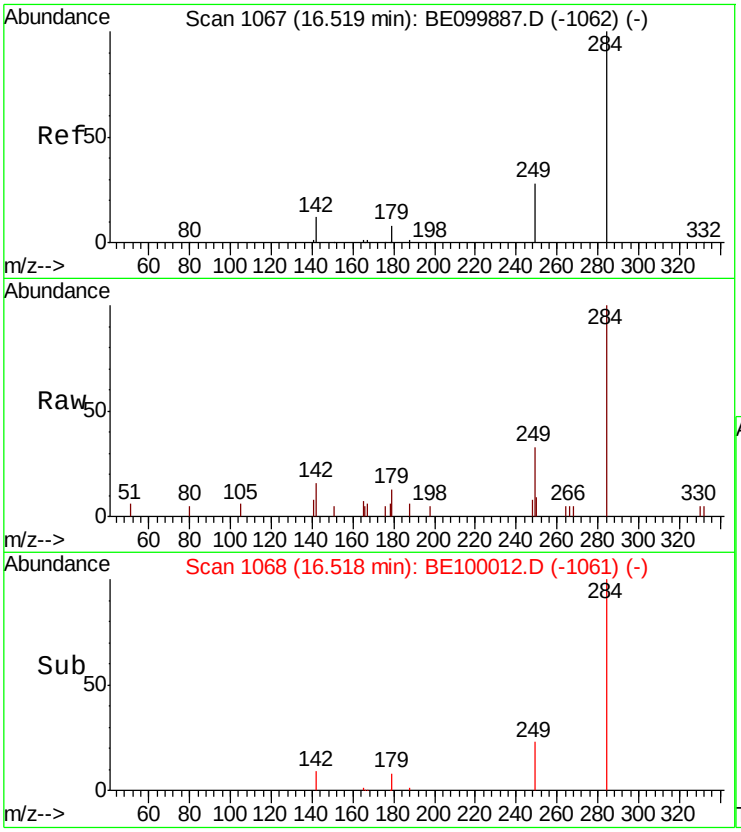


#20
4-Bromophenyl-phenylether
Concen: 0.428 ng
RT: 16.41 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:248 Resp: 1473

Ion	Ratio	Lower	Upper
248	100		
250	93.3	77.5	116.3
141	42.3	31.8	47.8



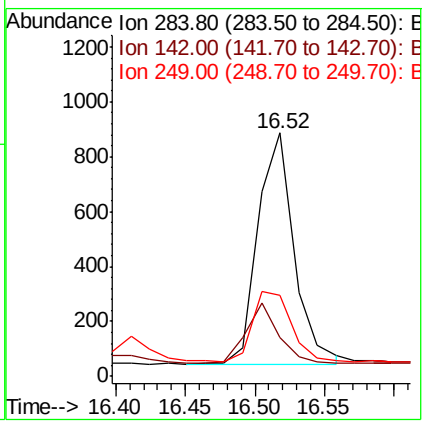


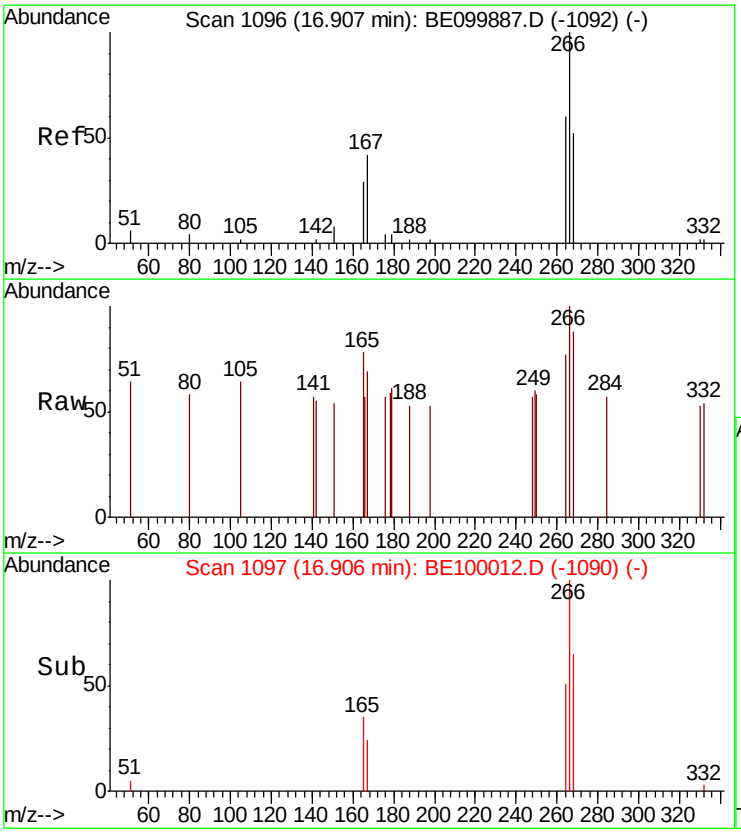
#21
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.52 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1517

Ion	Ratio	Lower	Upper
284	100		
142	23.3	18.2	27.4
249	32.7	24.6	37.0

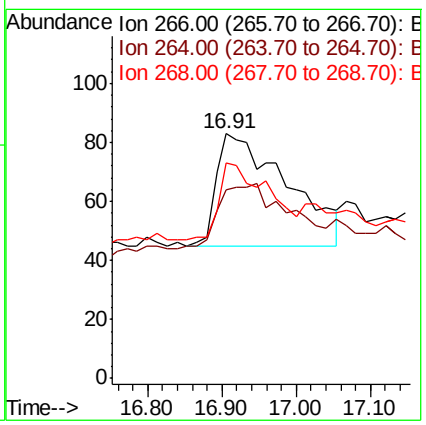


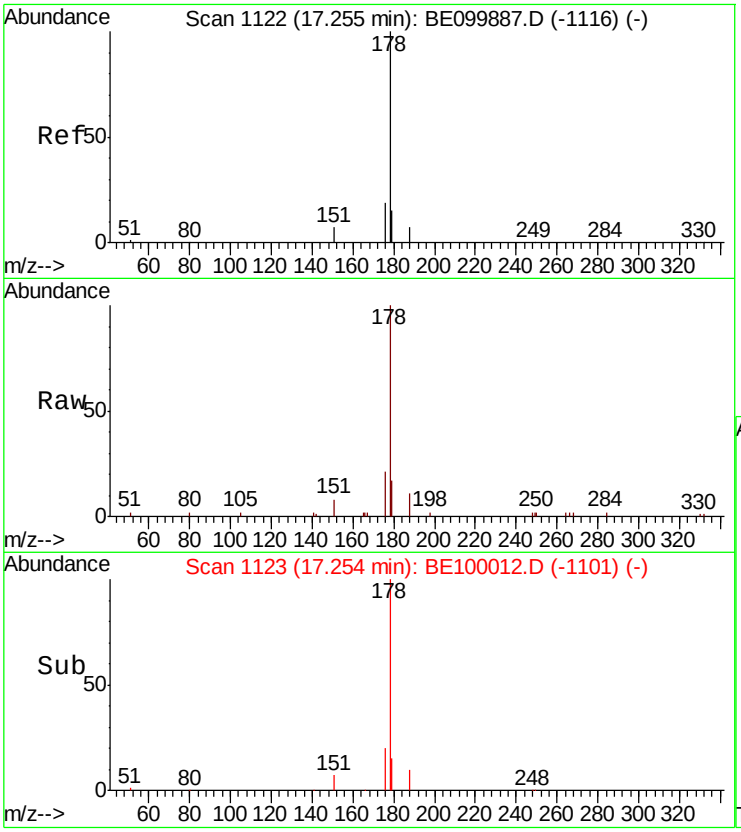


#22
Pentachlorophenol
Concen: 0.449 ng
RT: 16.91 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:266 Resp: 252

Ion	Ratio	Lower	Upper
266	100		
264	77.1	62.2	93.2
268	88.0	65.5	98.3



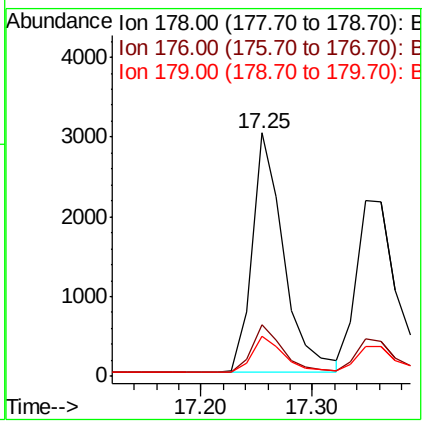


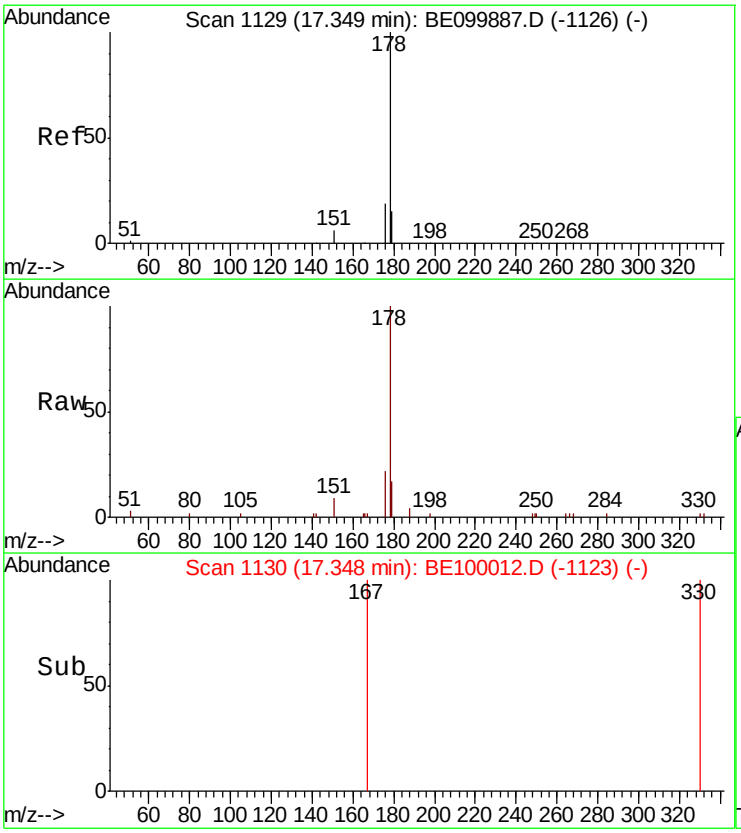
#23
Phenanthrene
Concen: 0.406 ng
RT: 17.25 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5985

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	12.4	18.6

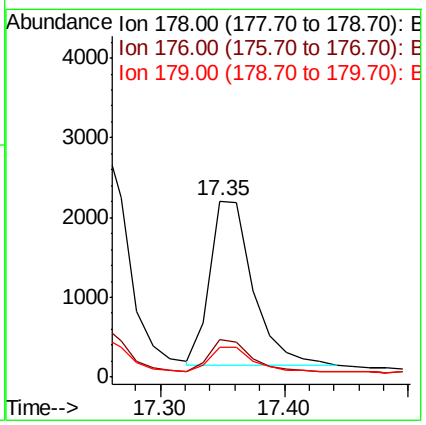


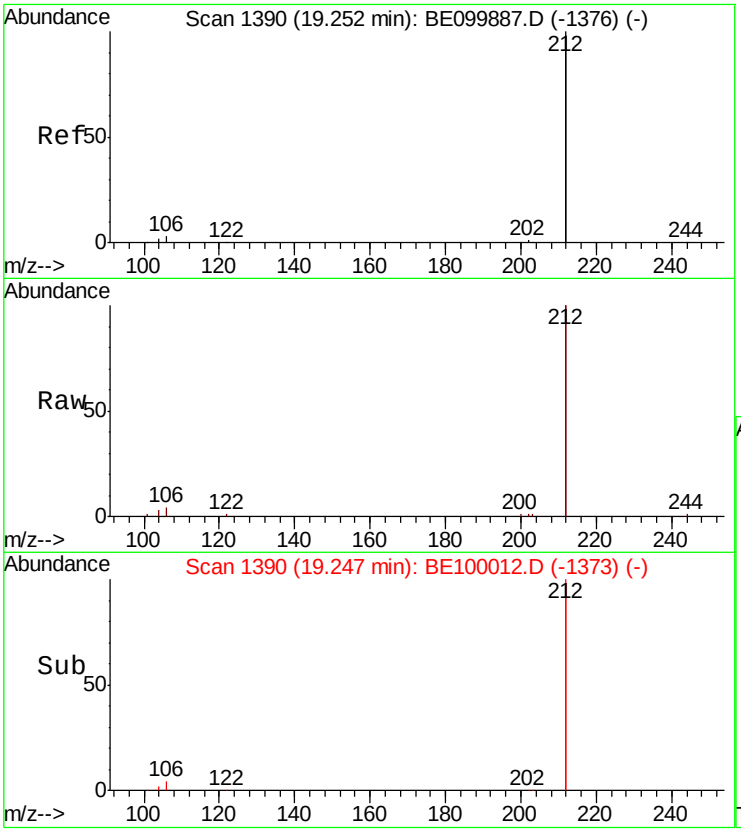


#24
Anthracene
Concen: 0.368 ng
RT: 17.35 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:178 Resp: 4974

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	14.7	12.3	18.5



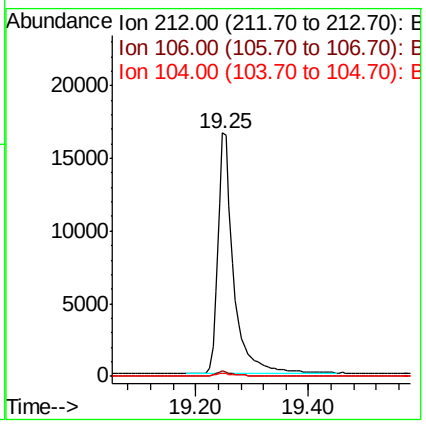


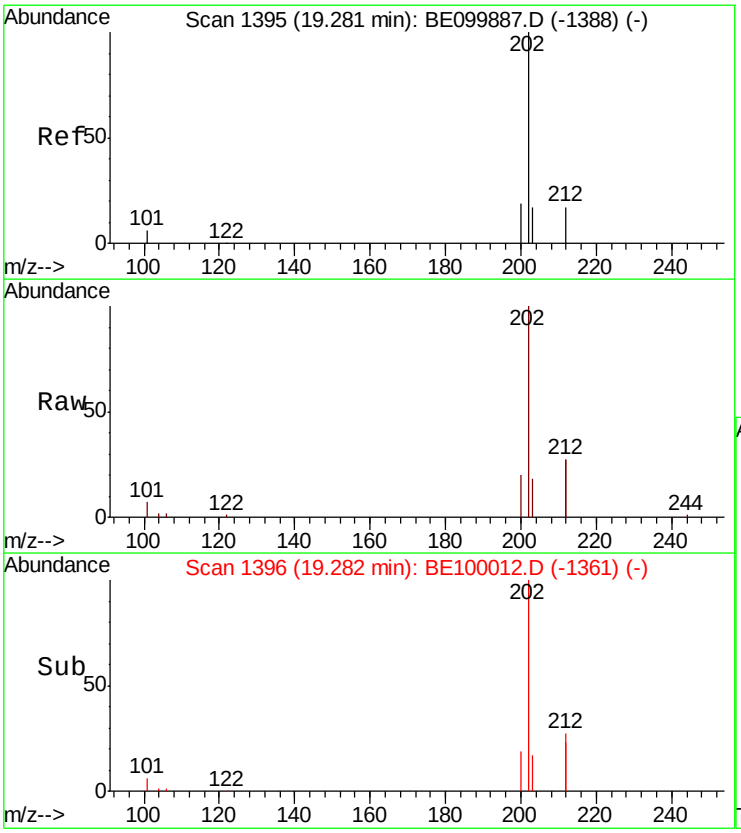
#25
Fluoranthene-d10
Concen: 0.366 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 32397

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.0	0.9	1.3

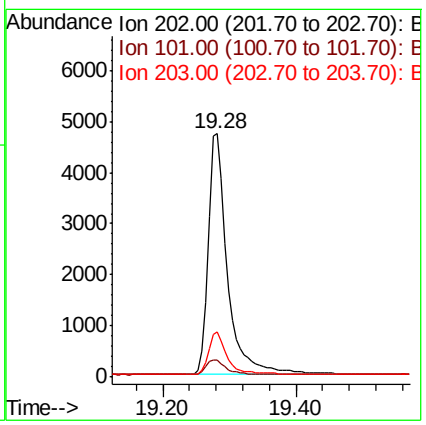


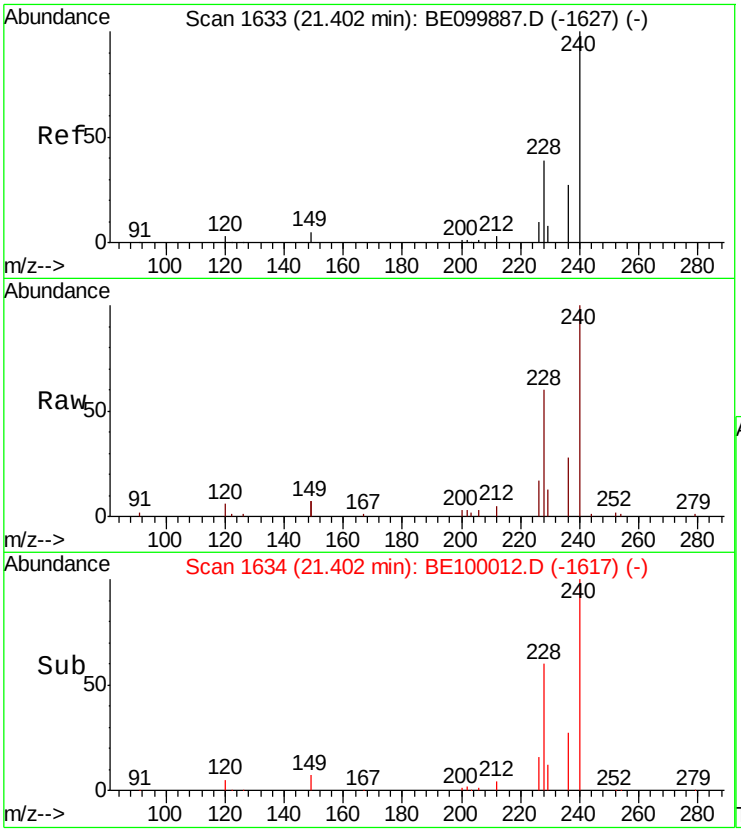


#26
Fluoranthene
Concen: 0.375 ng
RT: 19.28 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:202 Resp: 9397

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.4	8.0
203	16.8	13.2	19.8



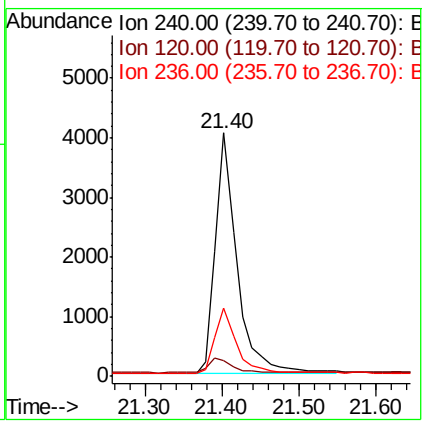


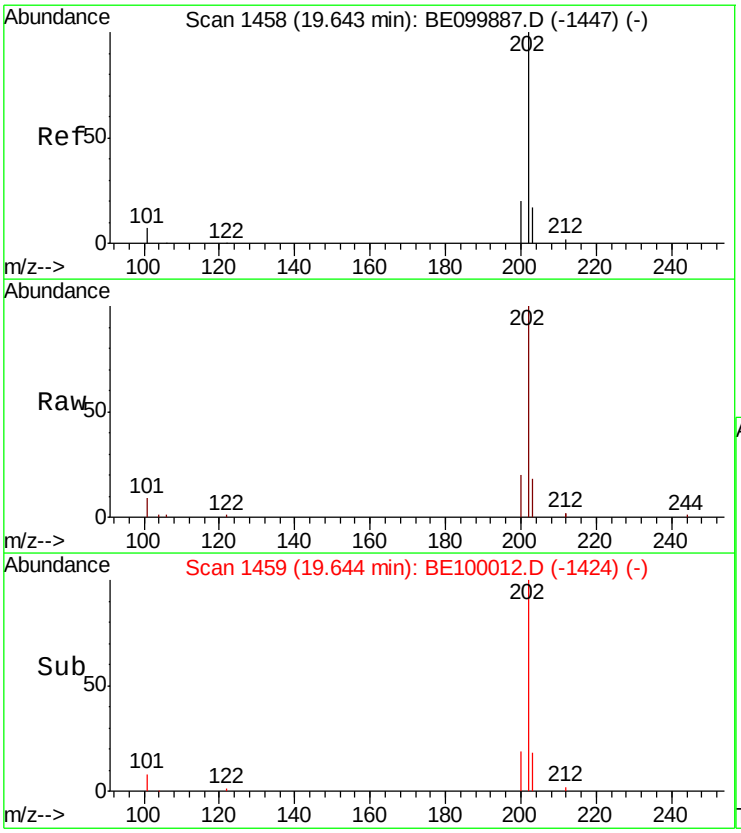
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 7914

Ion	Ratio	Lower	Upper
240	100		
120	6.2	3.8	5.6#
236	28.1	22.0	33.0

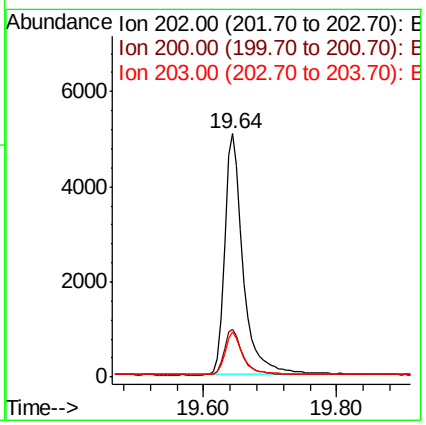


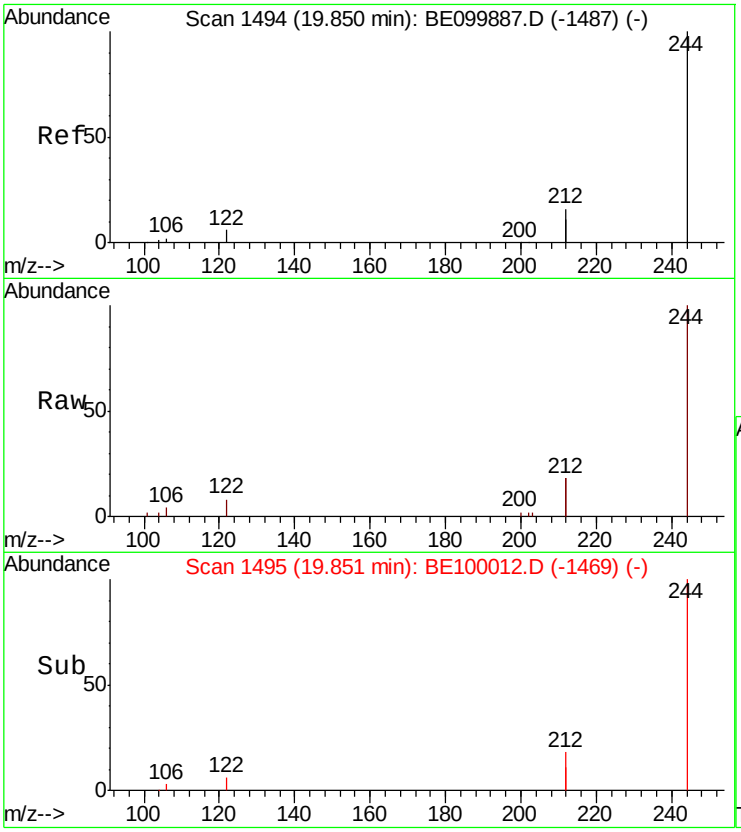


#28
Pyrene
Concen: 0.462 ng
RT: 19.64 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:202 Resp: 9610

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.5	23.3
203	17.7	14.0	21.0



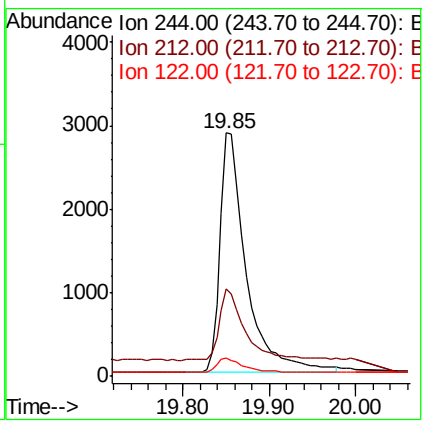


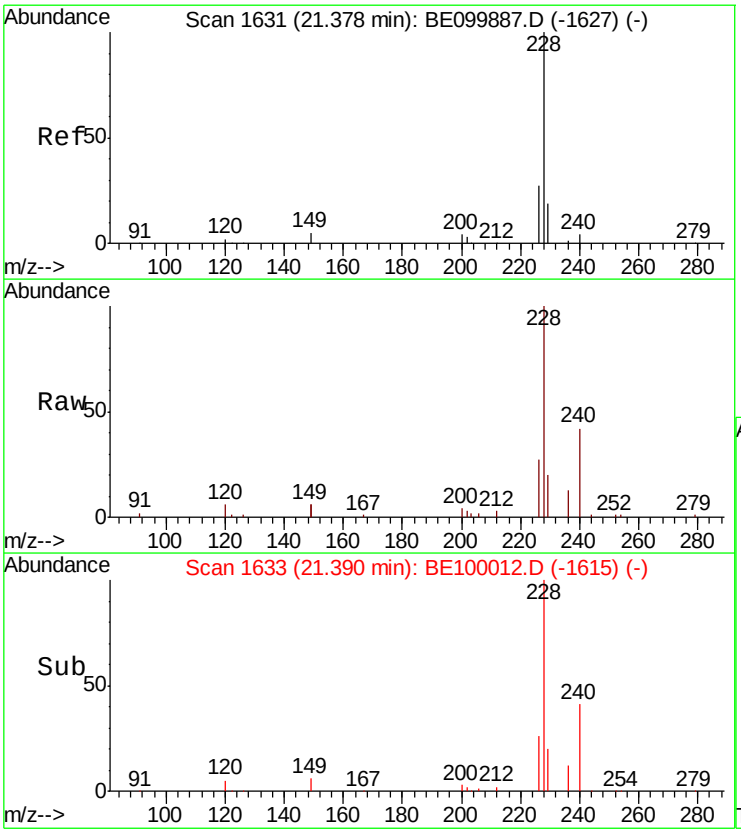
#29
Terphenyl-d14
Concen: 0.428 ng
RT: 19.85 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6092

Ion	Ratio	Lower	Upper
244	100		
212	35.7	25.7	38.5
122	7.5	5.5	8.3

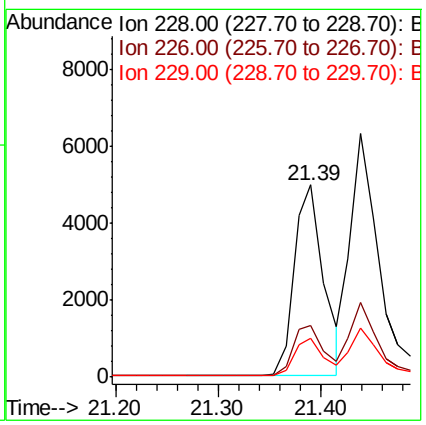


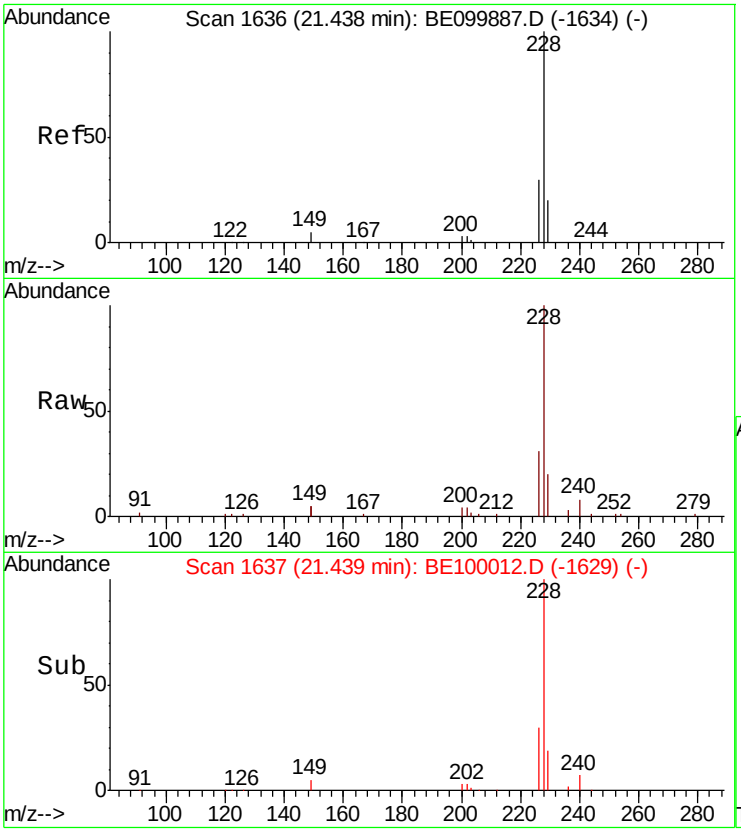


#30
Benzo(a)anthracene
Concen: 0.417 ng
RT: 21.39 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:228 Resp: 9856

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.5	33.7
229	20.4	15.9	23.9



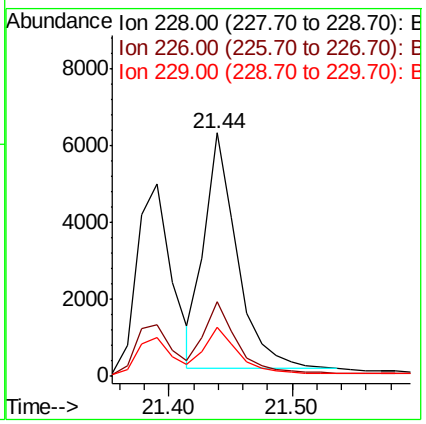


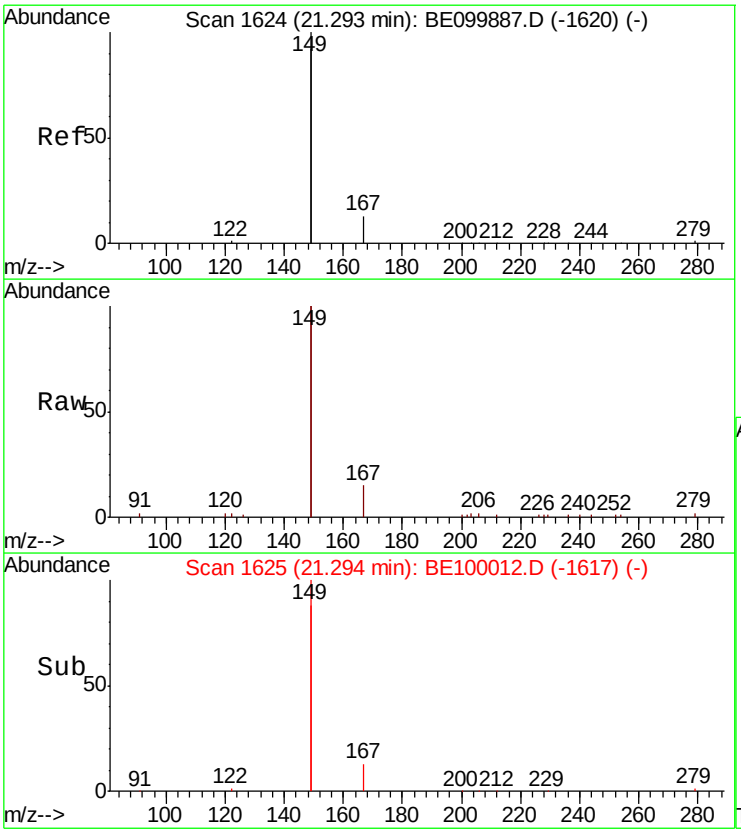
#31
Chrysene
Concen: 0.464 ng
RT: 21.44 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11346

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.9	16.1	24.1

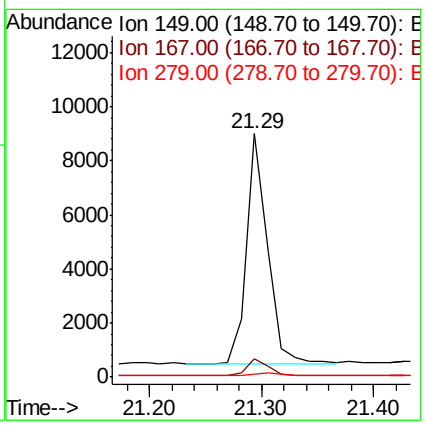


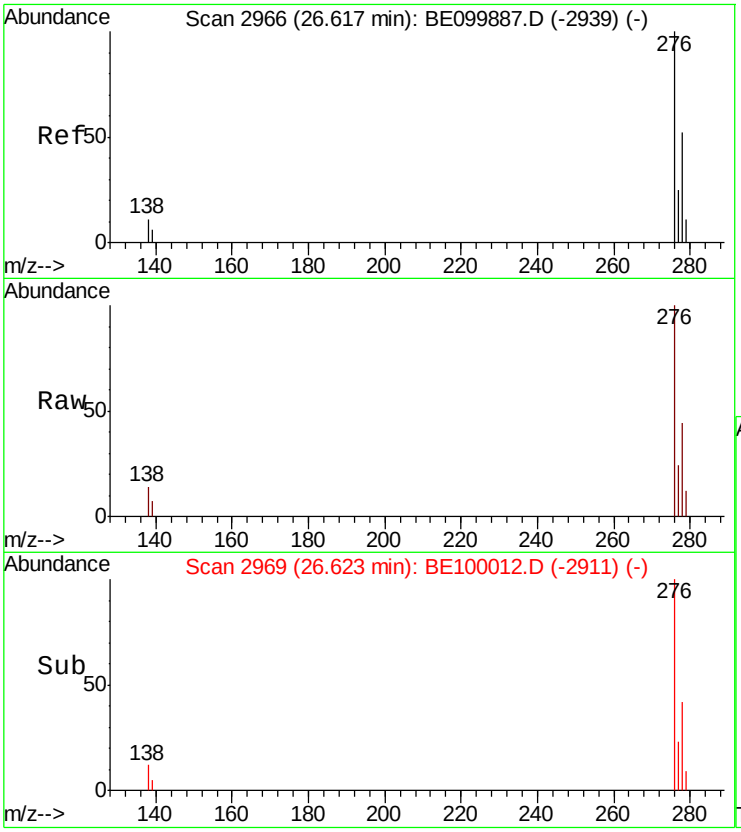


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.329 ng
RT: 21.29 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:149 Resp: 11156

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.7	1.2	1.8



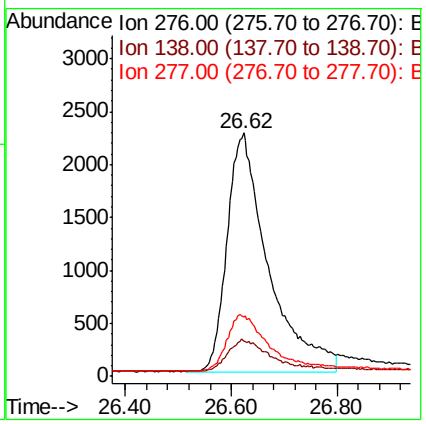


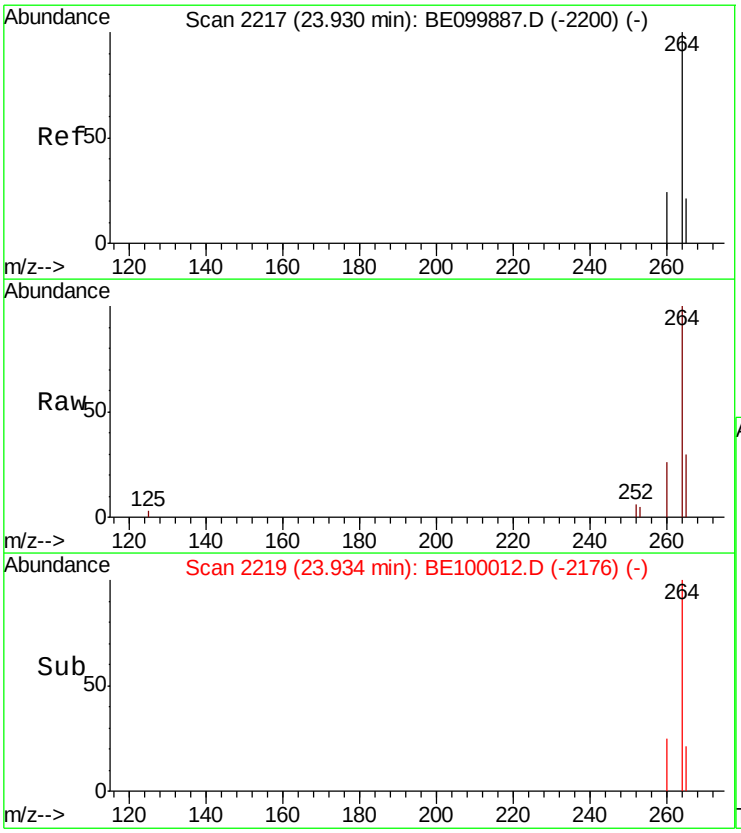
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.419 ng
RT: 26.62 min Scan# 2969
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 12146

Ion	Ratio	Lower	Upper
276	100		
138	6.0	10.1	15.1#
277	23.6	19.1	28.7

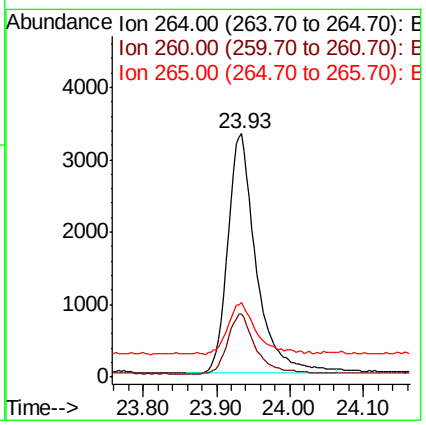


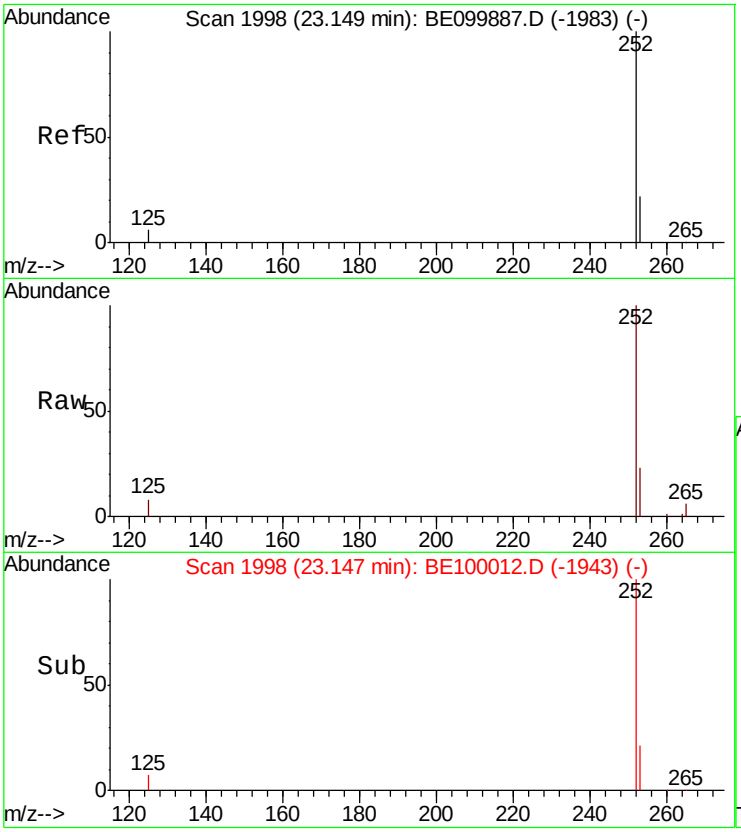


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:264 Resp: 8986

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.2
265	30.5	22.0	33.0



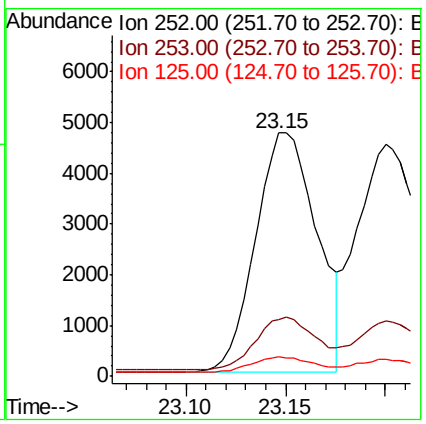


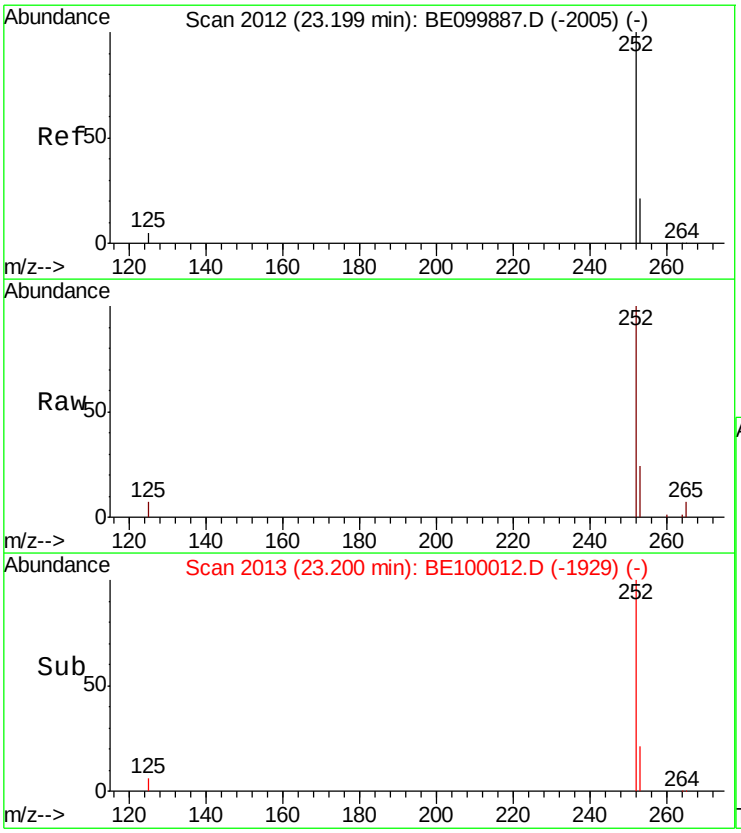
#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10085

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.7	28.1
125	8.2	5.7	8.5

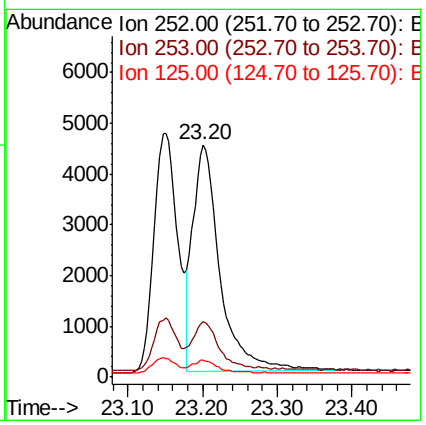


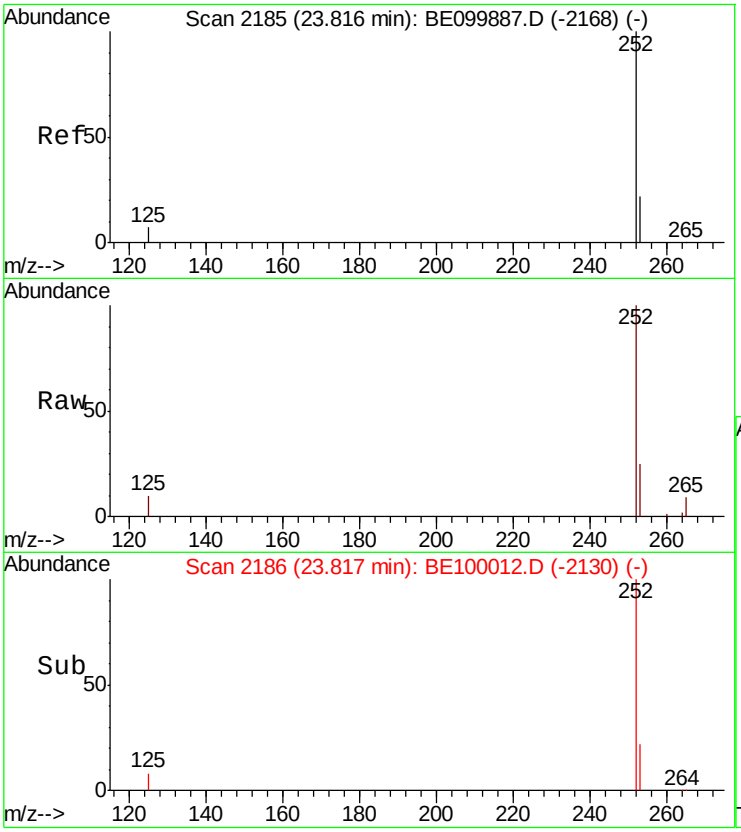


#36
Benzo(k)fluoranthene
Concen: 0.432 ng
RT: 23.20 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:252 Resp: 11371

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	7.1	5.4	8.0



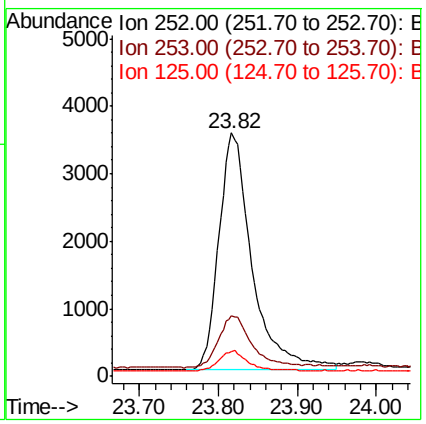


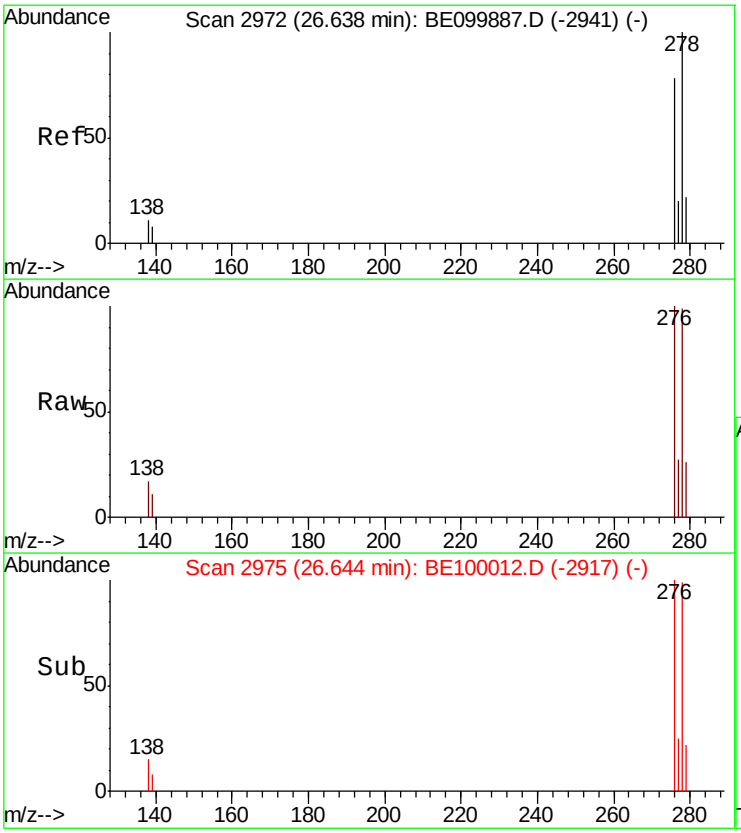
#37
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.82 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10239

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.6	29.4
125	10.0	6.6	10.0#

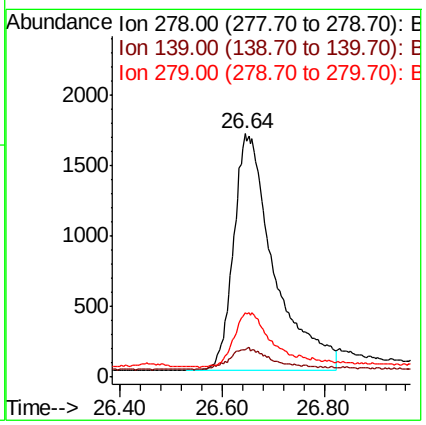


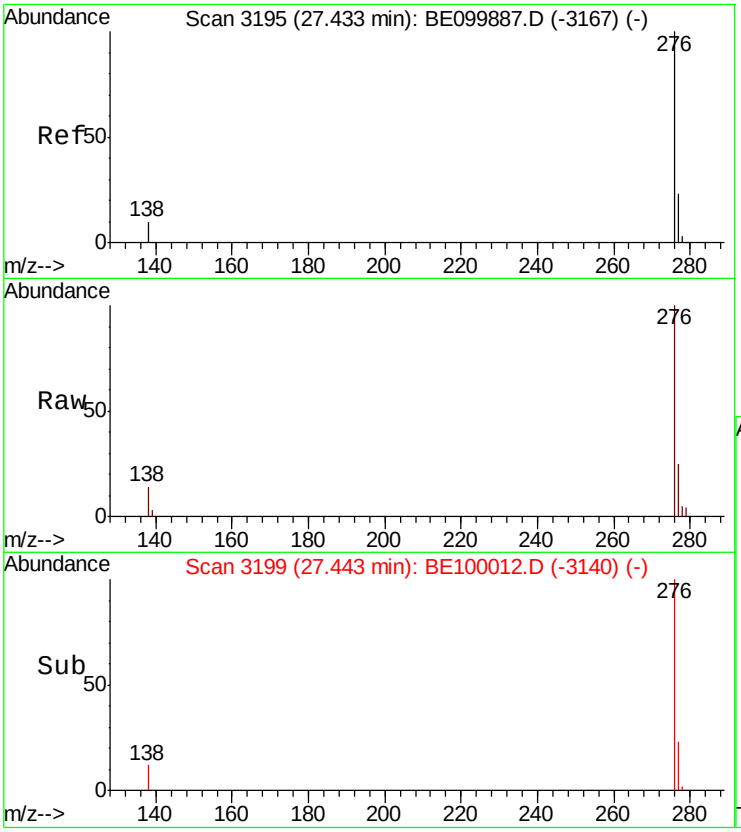


#38
Dibenzo(a,h)anthracene
Concen: 0.370 ng
RT: 26.64 min Scan# 2975
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Tgt Ion:278 Resp: 9246

Ion	Ratio	Lower	Upper
278	100		
139	11.3	7.8	11.8
279	26.4	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 27.44 min Scan# 3199
Delta R.T. 0.01 min
Lab File: BE100012.D
Acq: 14 Jun 2019 8:03

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 10545

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.5	29.3
138	14.1	9.5	14.3