Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
Data File : BE100417.D
Acq On : 12 Jul 2019 12:22
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Jul 12 17:01:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 16:31:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3974	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	16021	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	9644	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	25482	0.40	ng		0.00
27) Chrysene-d12	21.40	240	36381	0.40	ng		0.00
34) Perylene-d12	23.90	264	43328	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	2404	0.28	ng		0.00
5) Phenol-d6	7.05	99	3415	0.39	ng		0.00
8) Nitrobenzene-d5	9.03	82	1745	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	5253	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	712	0.12	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	7074	0.17	ng		0.00
25) Fluoranthene-d10	19.26	212	74781	0.18	ng		0.00
29) Terphenyl-d14	19.86	244	15266	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	1655	0.209	ng	#	100
3) n-Nitrosodimethylamine	3.72	42	520	0.160	ng	#	80
6) bis(2-Chloroethyl)ether	7.31	93	2671	0.401	ng	#	1
9) Naphthalene	10.73	128	33730	0.197	ng	#	97
10) Hexachlorobutadiene	11.03	225	1665	0.069	ng		93
12) 2-Methylnaphthalene	12.34	142	5889	0.240	ng		96
16) Acenaphthylene	14.24	152	9847	0.214	ng		100
17) Acenaphthene	14.57	154	5655	0.216	ng		99
18) Fluorene	15.54	166	7814	0.179	ng		97
20) 4-Bromophenyl-phenylether	16.44	248	2837	0.183	ng		94
21) Hexachlorobenzene	16.56	284	2879	0.139	ng		99
22) Pentachlorophenol	16.89	266	692	0.268	ng	#	84
23) Phenanthrene	17.28	178	13712	0.226	ng		100
24) Anthracene	17.38	178	13499	0.273	ng		100
26) Fluoranthene	19.29	202	20122	0.177	ng		100
28) Pyrene	19.65	202	21480	0.258	ng		100
30) Benzo(a)anthracene	21.39	228	25489	0.248	ng		100
31) Chrysene	21.44	228	24401	0.208	ng		100
32) Bis(2-ethylhexyl)phthalate	21.33	149	35242	0.398	ng		99
33) Indeno(1,2,3-cd)pyrene	26.54	276	29892	0.182	ng	#	100
35) Benzo(b)fluoranthene	23.13	252	26185	0.226	ng		96
36) Benzo(k)fluoranthene	23.18	252	26909m	0.188	ng		
37) Benzo(a)pyrene	23.79	252	24828	0.204	ng	#	97
38) Dibenzo(a,h)anthracene	26.58	278	24364	0.203	ng		97
39) Benzo(g,h,i)perylene	27.36	276	24392	0.171	ng		98

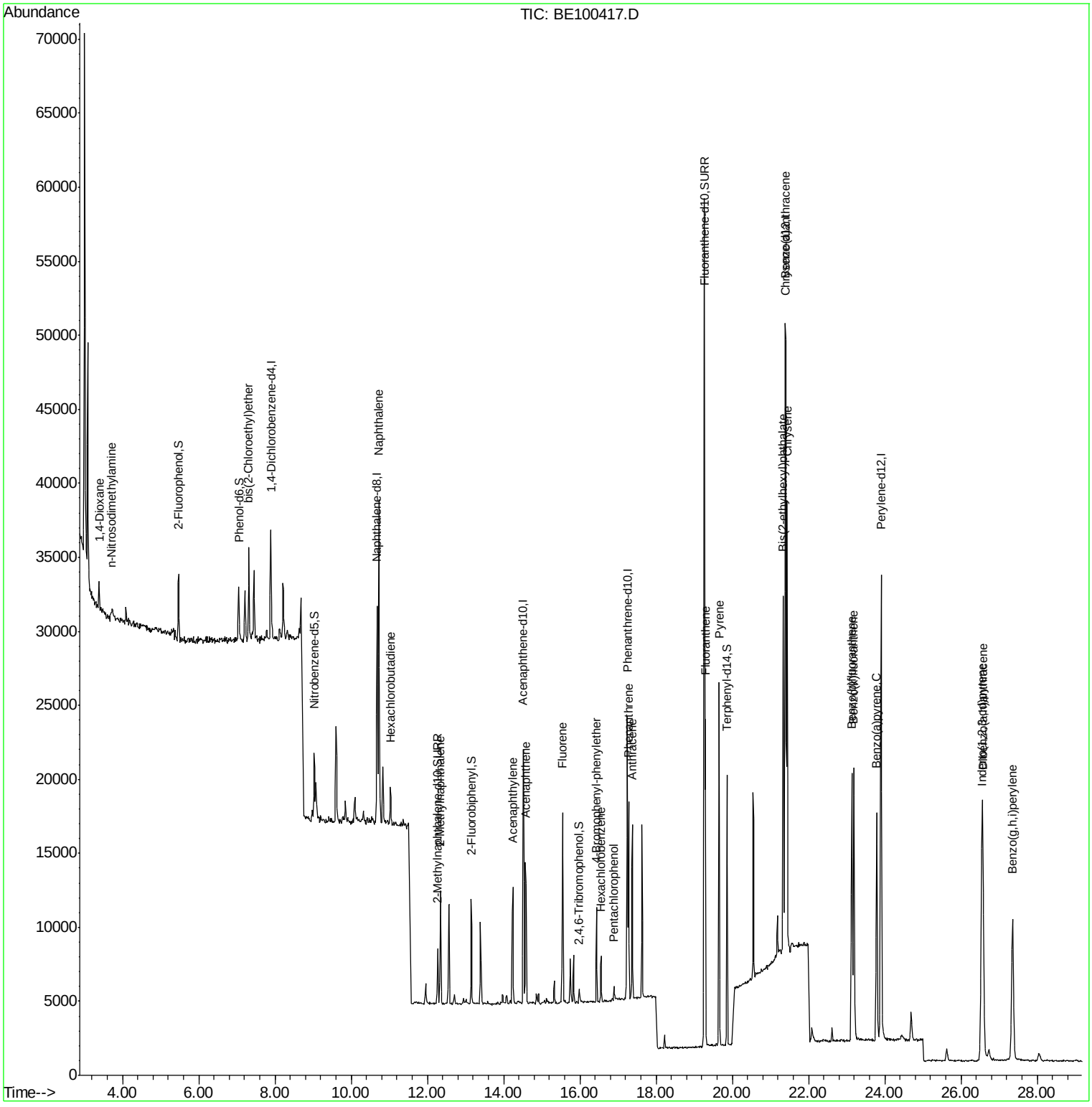
(#) = qualifier out of range (m) = manual integration (+) = signals summed

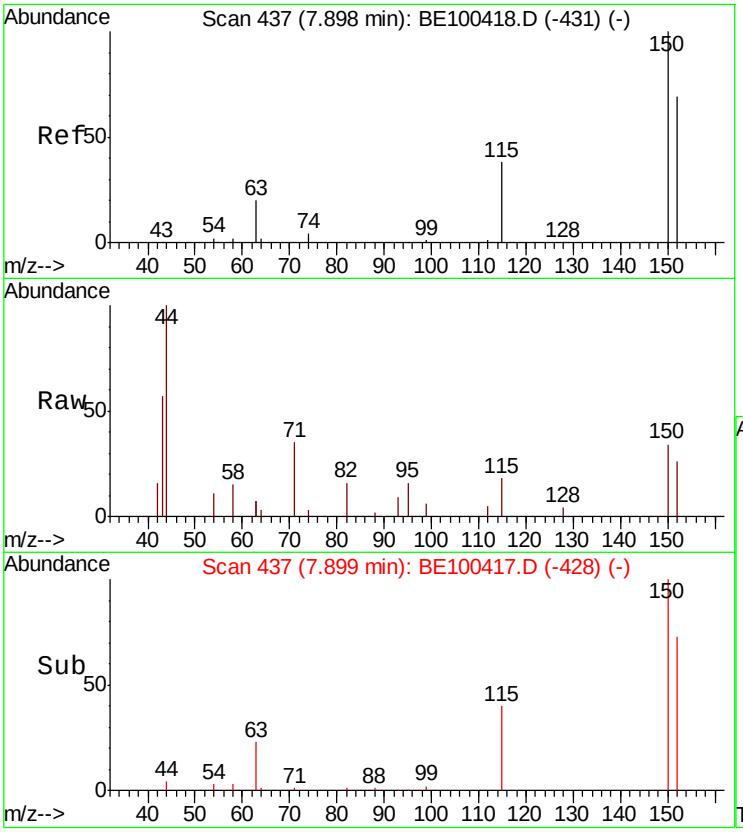
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
Data File : BE100417.D
Acq On : 12 Jul 2019 12:22
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 12 17:01:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 16:31:47 2019
Response via : Initial Calibration



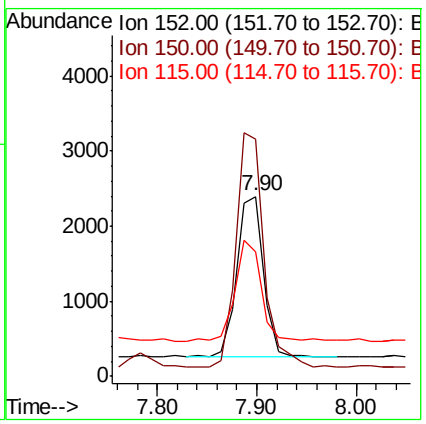


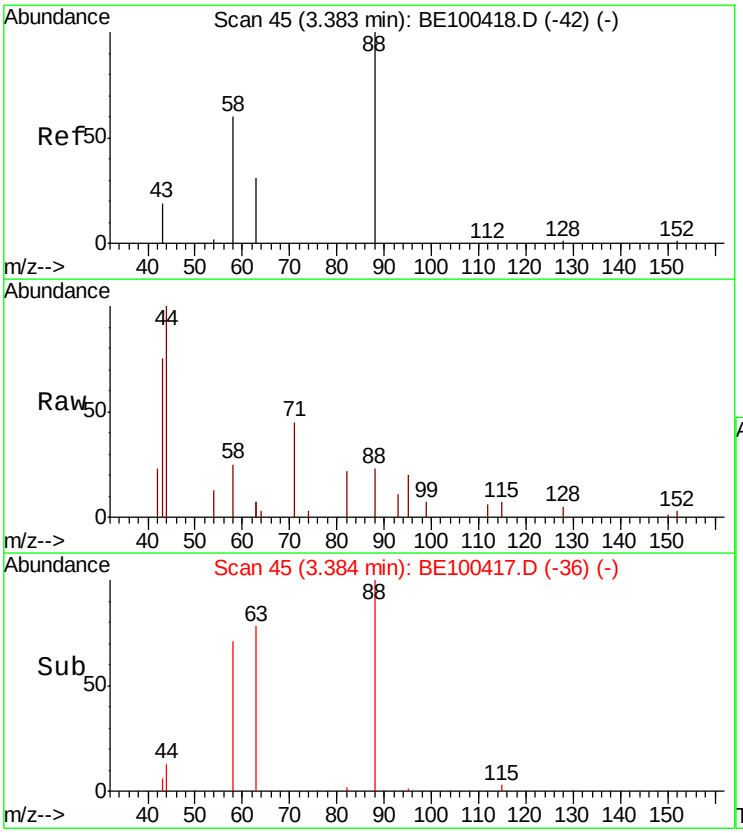
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3974

Ion	Ratio	Lower	Upper
152	100		
150	131.3	108.8	163.2
115	68.9	54.2	81.2

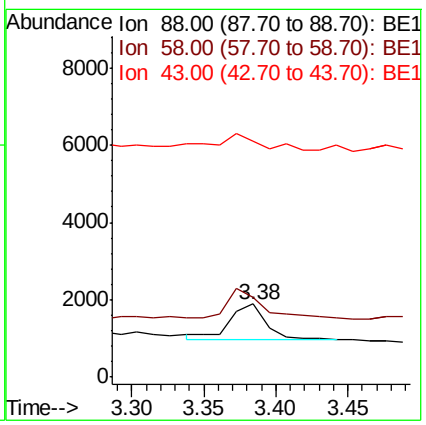


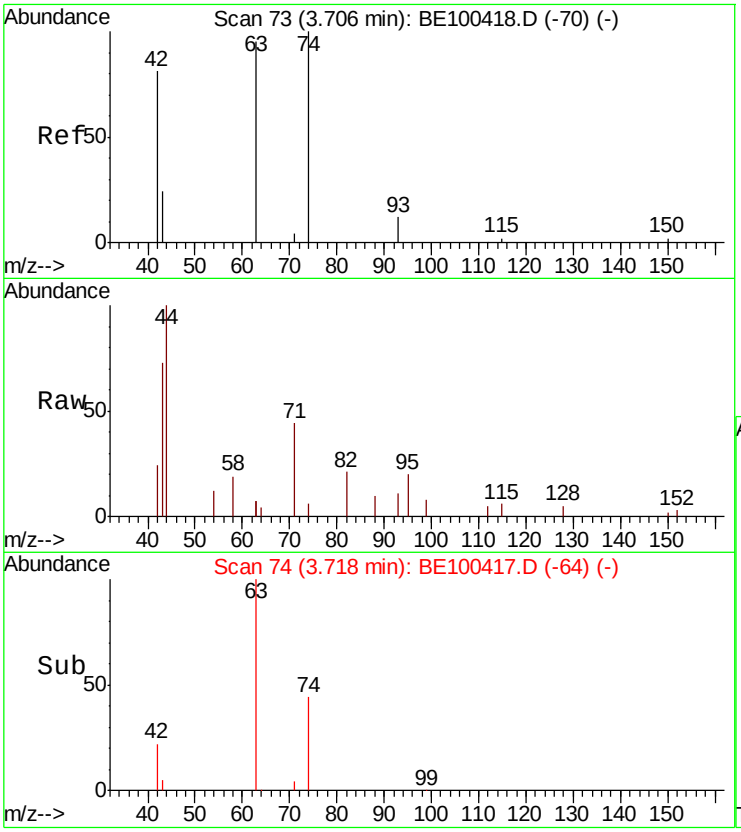


#2
1,4-Dioxane
Concen: 0.209 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion: 88 Resp: 1655

Ion	Ratio	Lower	Upper
88	100		
58	71.1	0.0	0.0#
43	55.5	0.0	0.0#



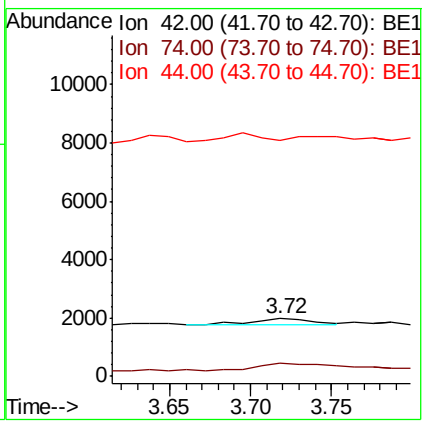


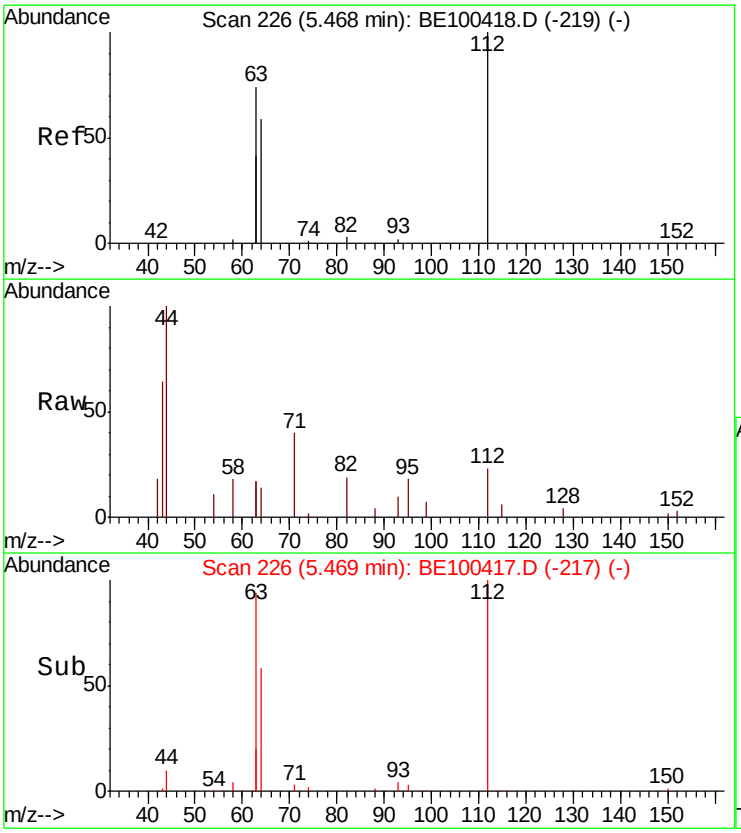
#3
n-Nitrosodimethylamine
Concen: 0.160 ng
RT: 3.72 min Scan# 74
Delta R.T. 0.01 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 520

Ion	Ratio	Lower	Upper
42	100		
74	161.0	112.3	168.5
44	0.0	15.0	22.4#

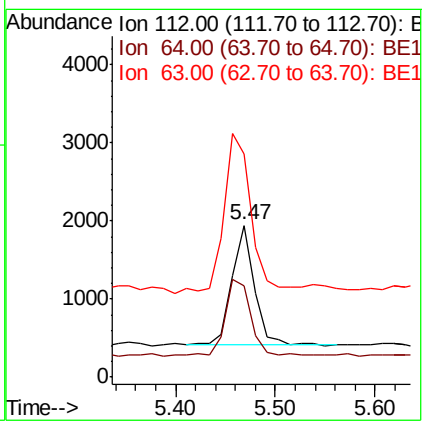


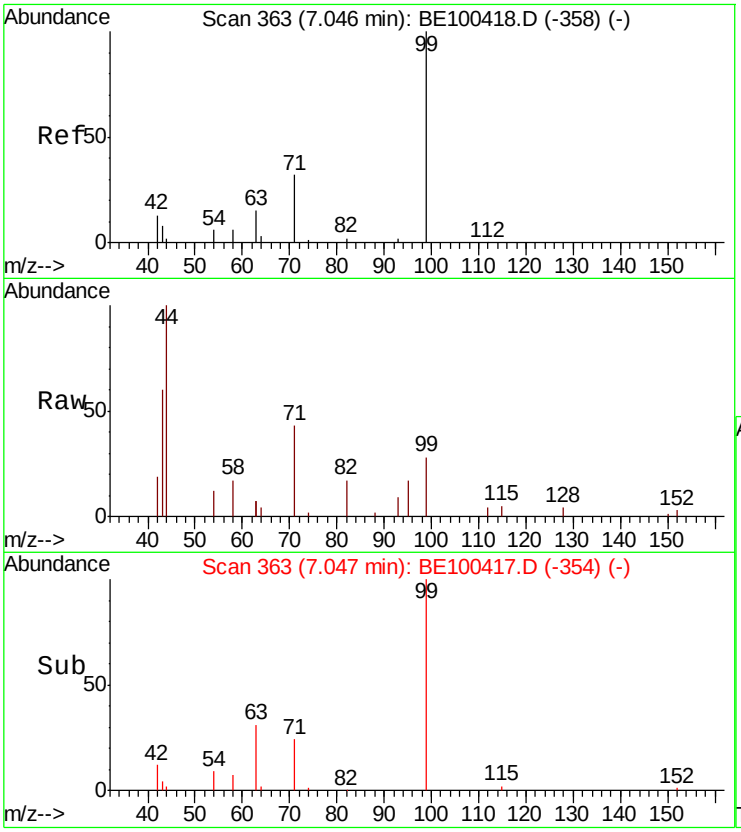


#4
2-Fluorophenol
Concen: 0.276 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:112 Resp: 2404

Ion	Ratio	Lower	Upper
112	100		
64	75.9	56.6	84.8
63	164.0	120.2	180.4



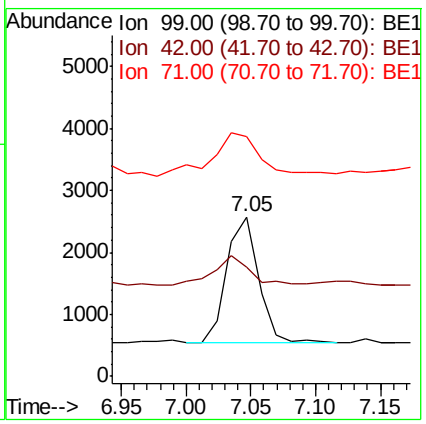


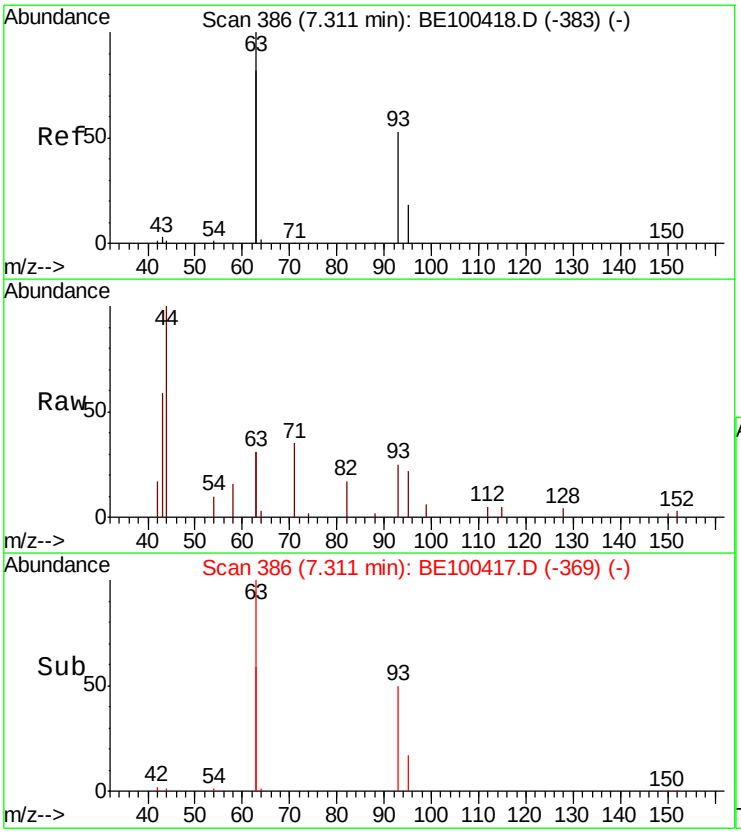
#5
Phenol-d6
Concen: 0.389 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3415

Ion	Ratio	Lower	Upper
99	100		
42	27.0	0.0	0.0#
71	56.3	0.0	0.0#

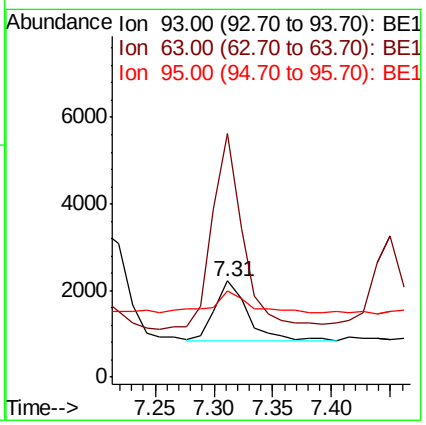


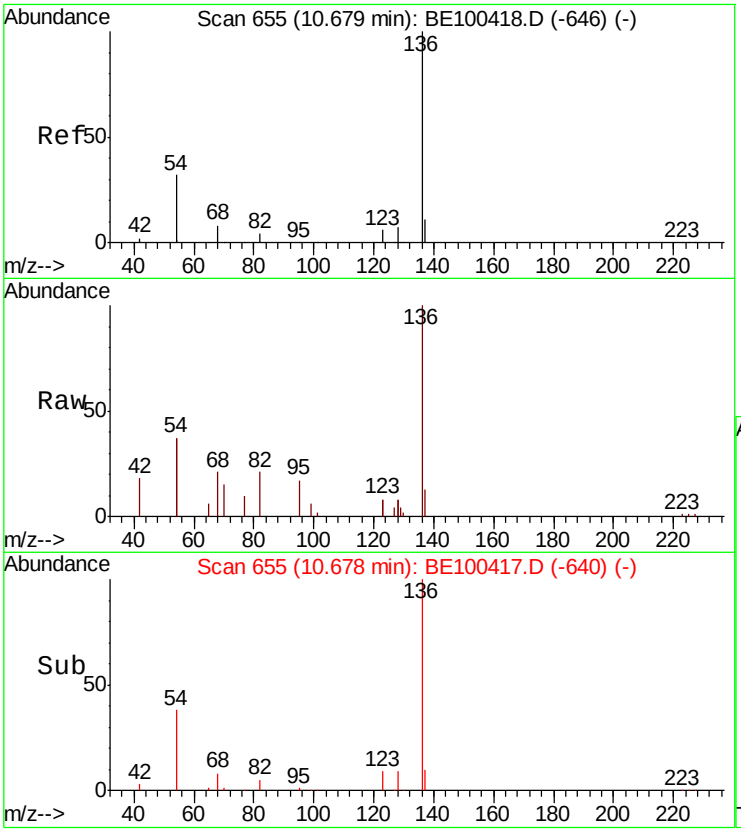


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.31 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion: 93 Resp: 2671

Ion	Ratio	Lower	Upper
93	100		
63	310.3	101.4	152.2#
95	41.9	0.0	0.0#



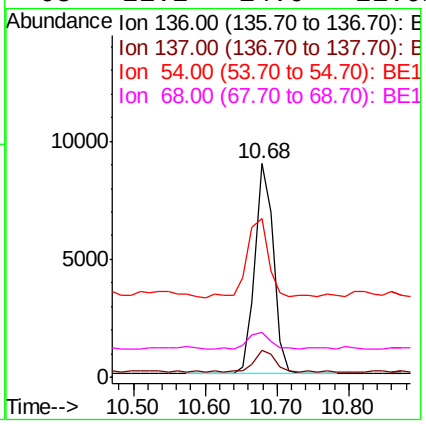


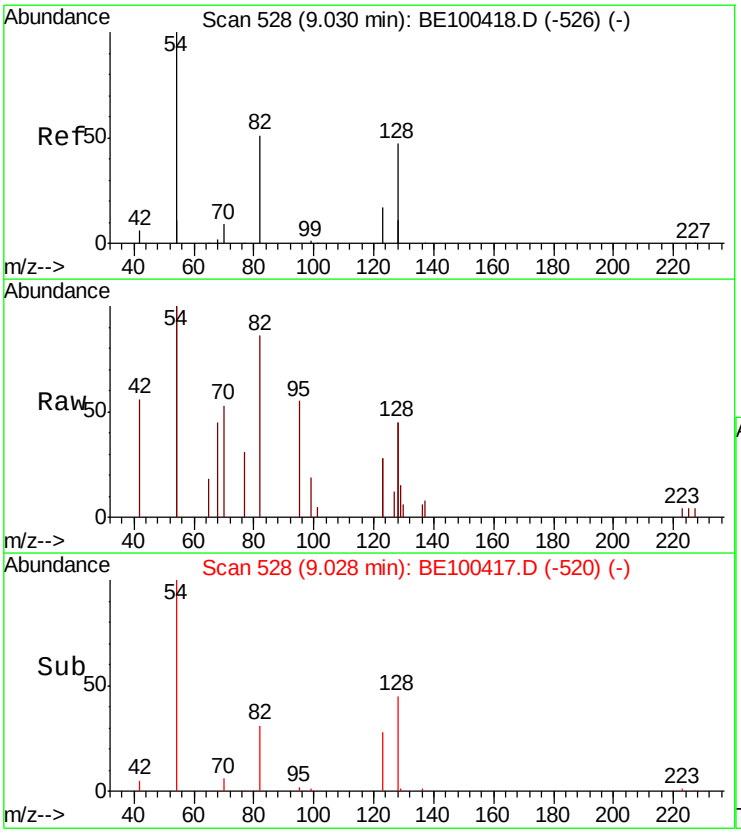
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 16021

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.1	15.1
54	74.2	49.8	74.6
68	21.2	14.0	21.0#

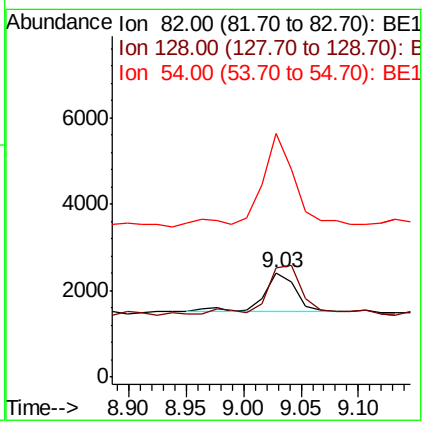


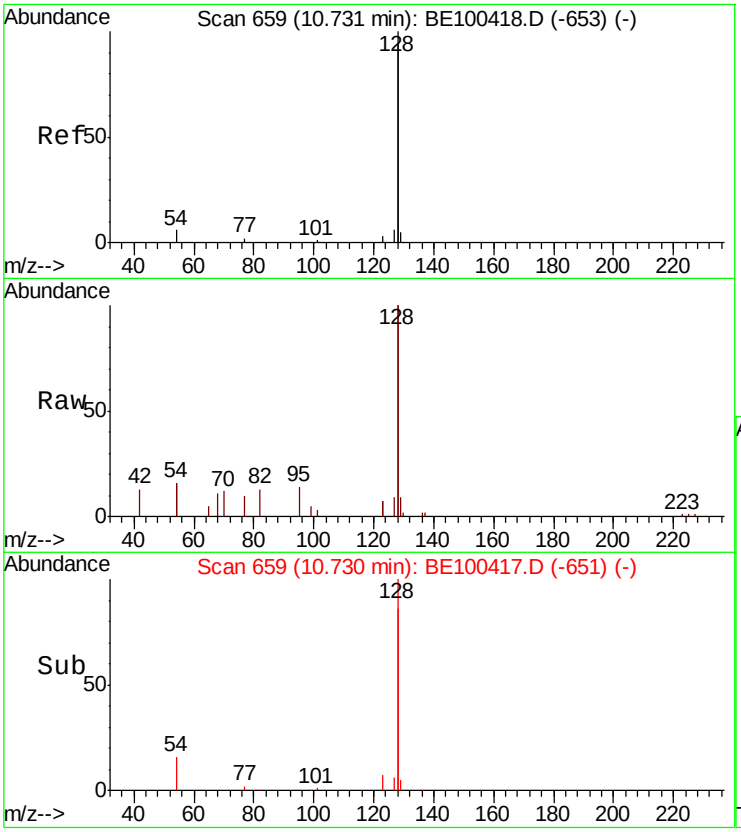


#8
Nitrobenzene-d5
Concen: 0.095 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion: 82 Resp: 1745

Ion	Ratio	Lower	Upper
82	100		
128	104.6	88.3	132.5
54	233.9	189.6	284.4



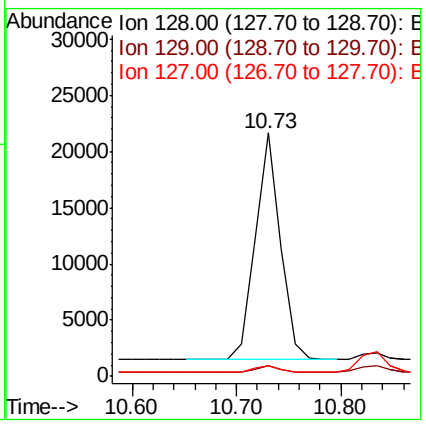


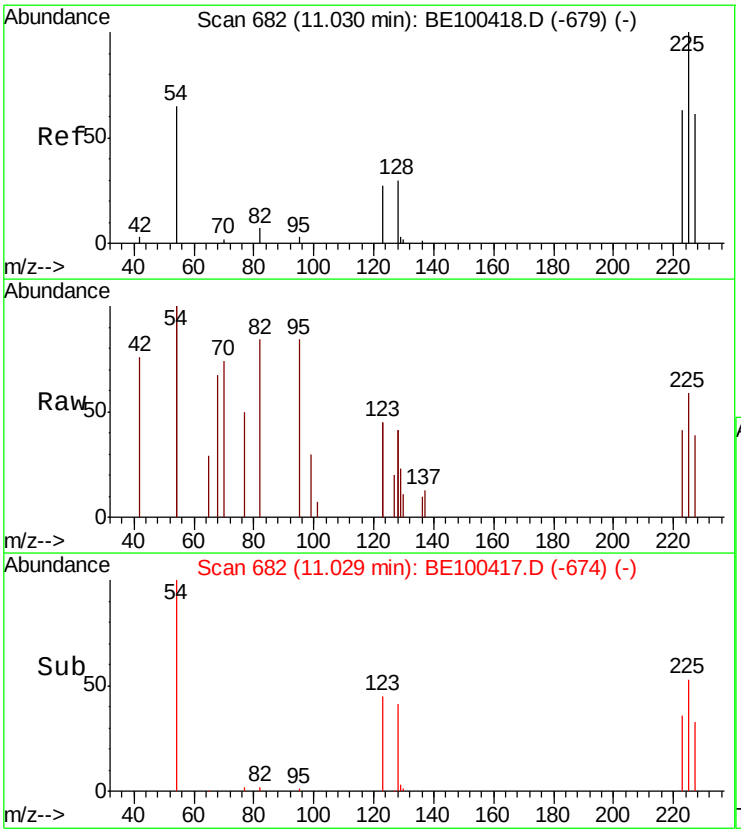
#9
Naphthalene
Concen: 0.197 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 33730

Ion	Ratio	Lower	Upper
128	100		
129	4.3	2.7	4.1#
127	4.5	3.0	4.4#

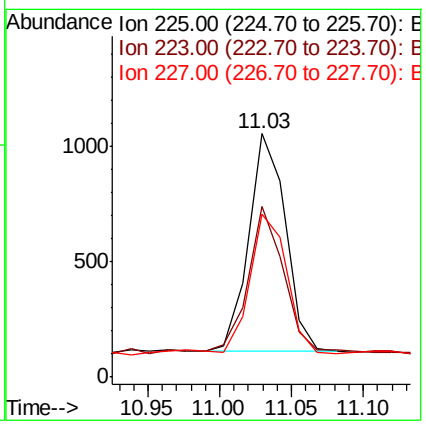


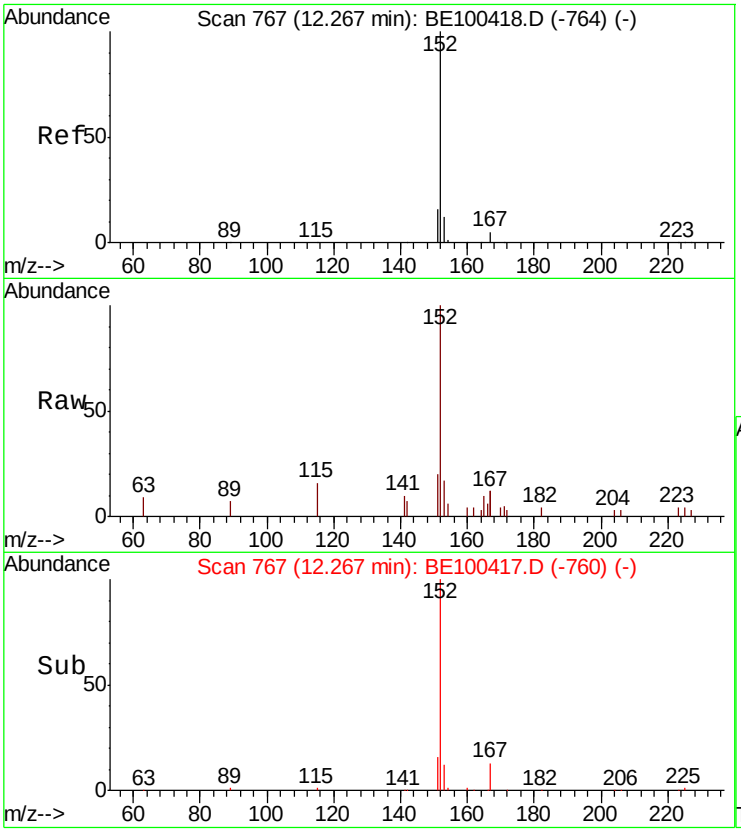


#10
Hexachlorobutadiene
Concen: 0.069 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:225 Resp: 1665

Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.2	72.4
227	67.0	47.8	71.6



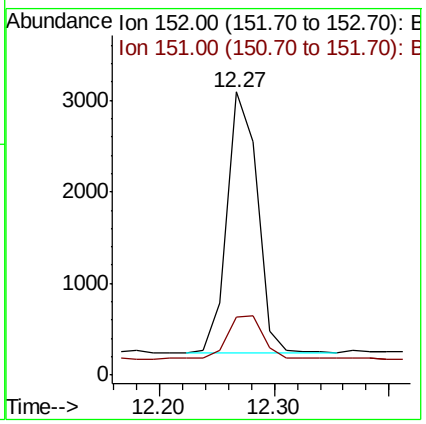


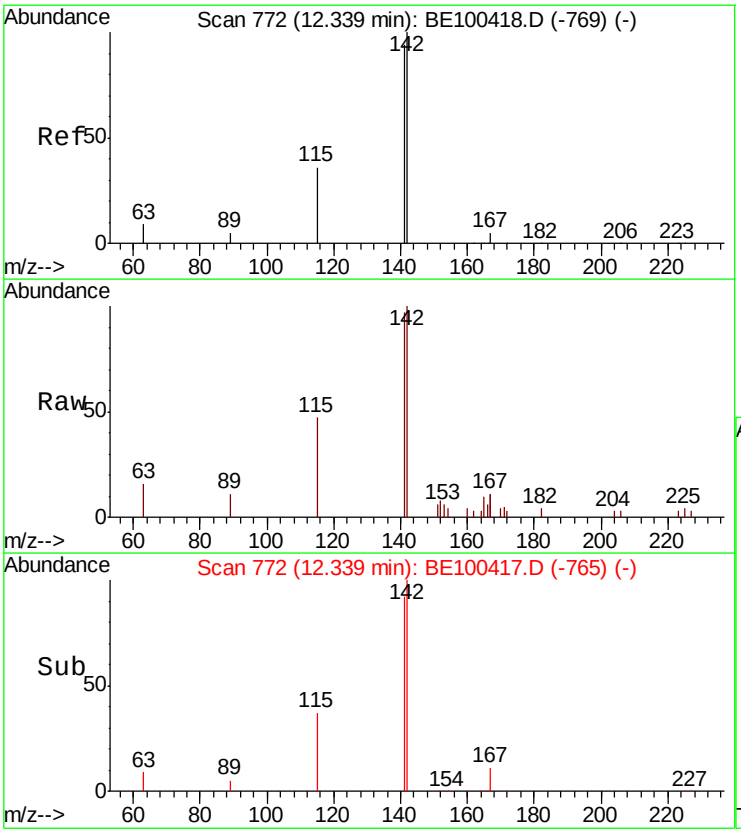
#11
2-Methylnaphthalene-d10
Concen: 0.190 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5253

Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.6

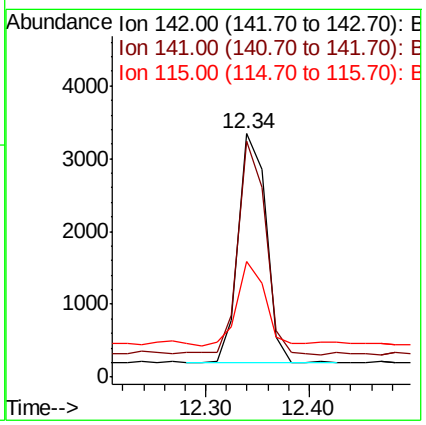


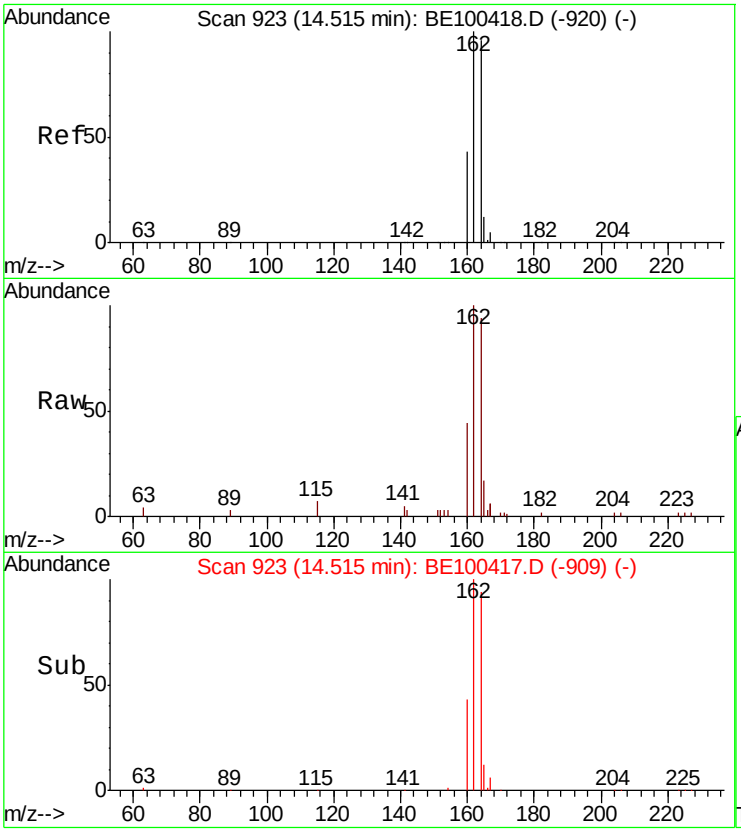


#12
2-Methylnaphthalene
Concen: 0.240 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:142 Resp: 5889

Ion	Ratio	Lower	Upper
142	100		
141	96.9	76.2	114.2
115	47.4	32.6	49.0



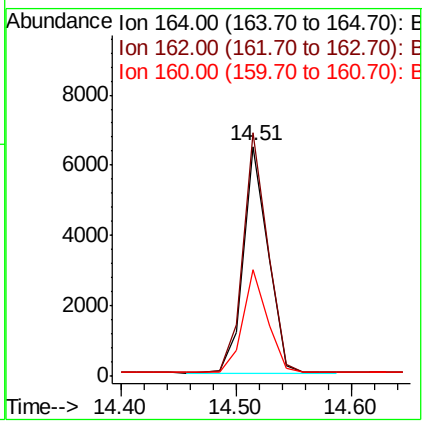


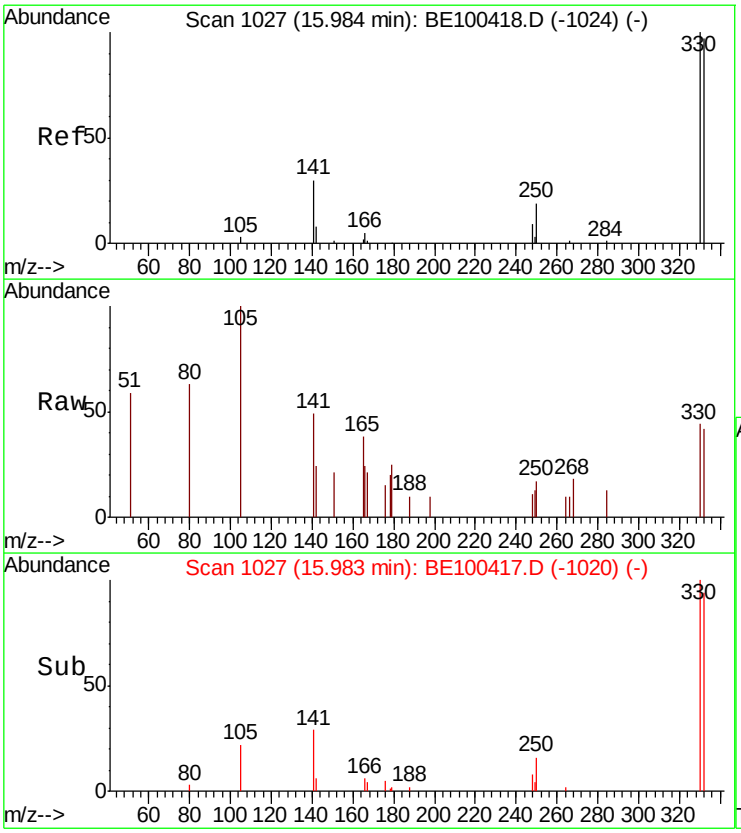
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 9644

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.0	124.4
160	46.5	37.0	55.4

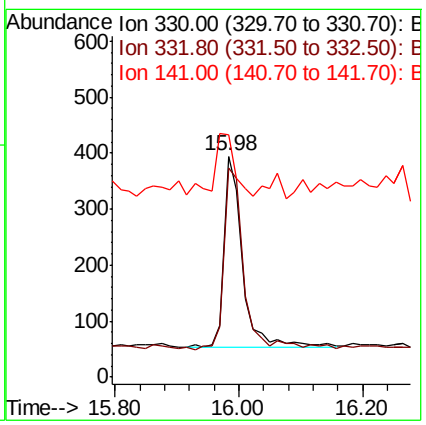


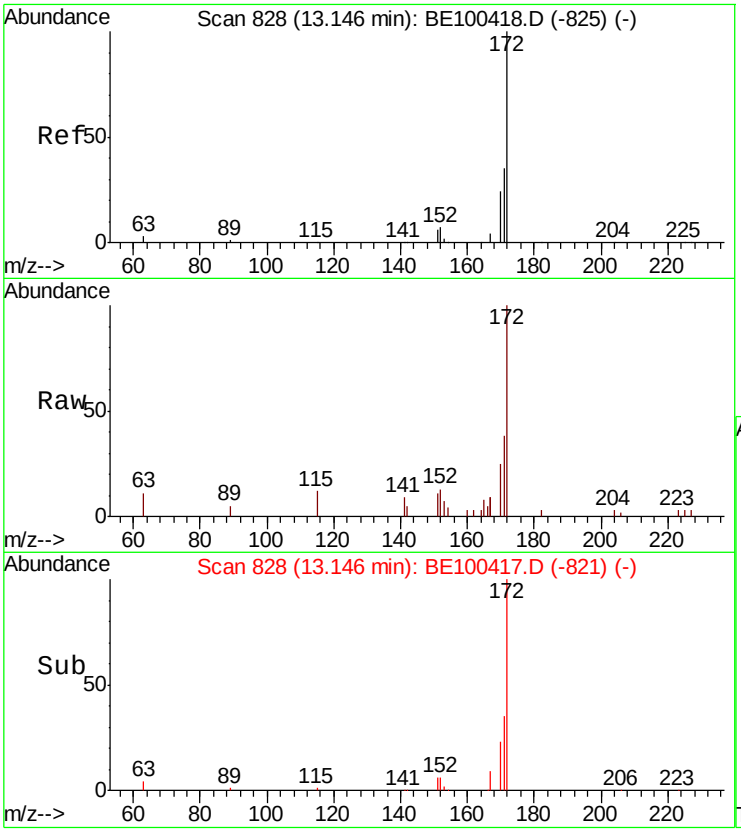


#14
2,4,6-Tribromophenol
Concen: 0.119 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:330 Resp: 712

Ion	Ratio	Lower	Upper
330	100		
332	95.2	82.2	123.2
141	31.2	30.0	45.0



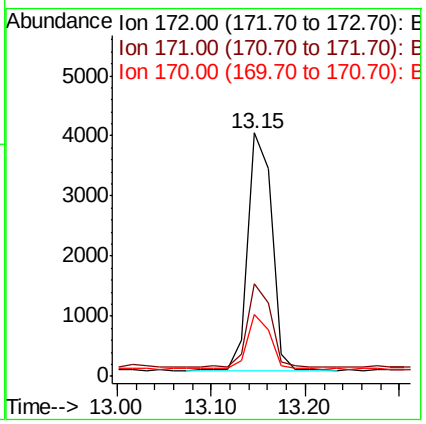


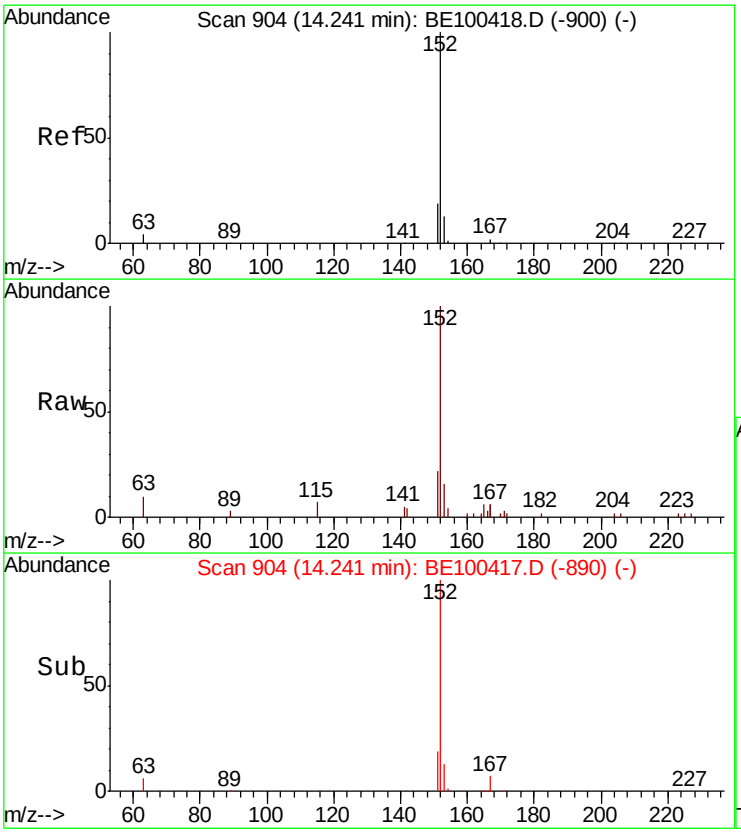
#15
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 7074

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.4
170	25.3	19.7	29.5

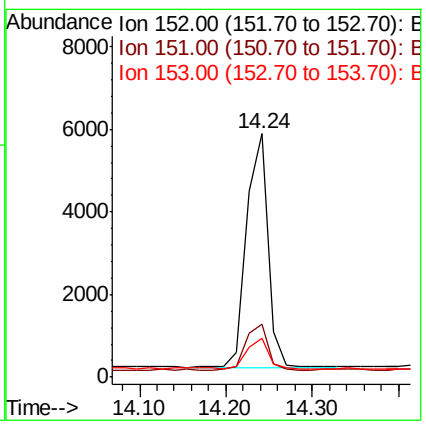


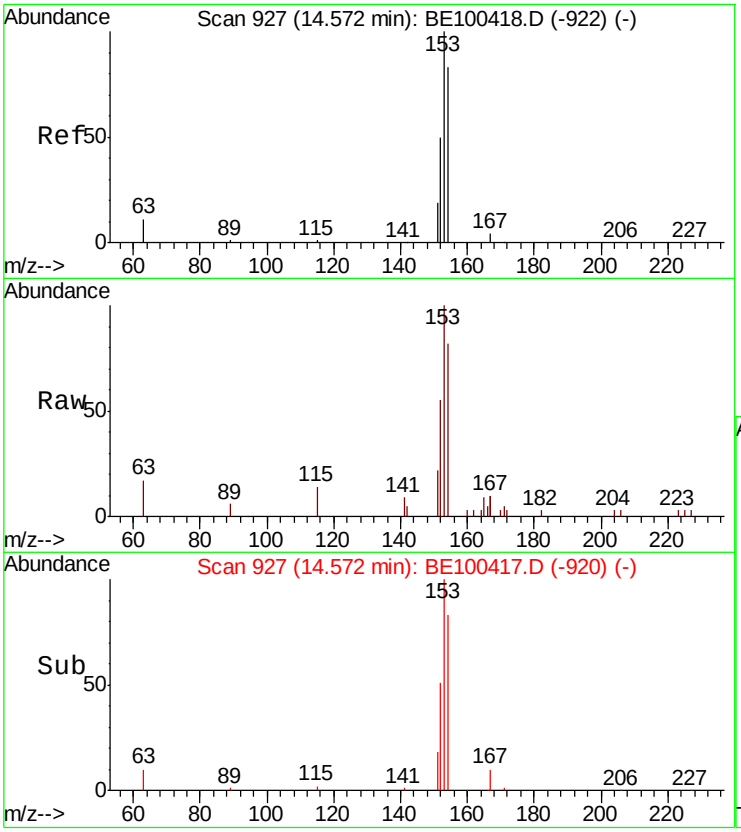


#16
Acenaphthylene
Concen: 0.214 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:152 Resp: 9847

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.9	16.3



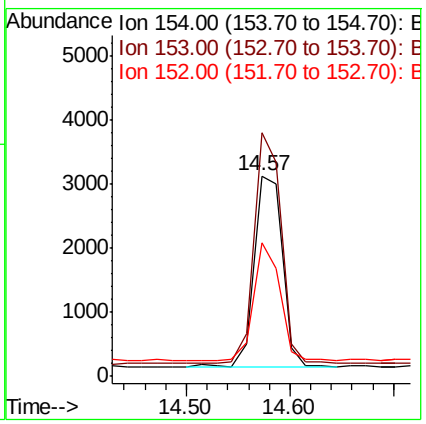


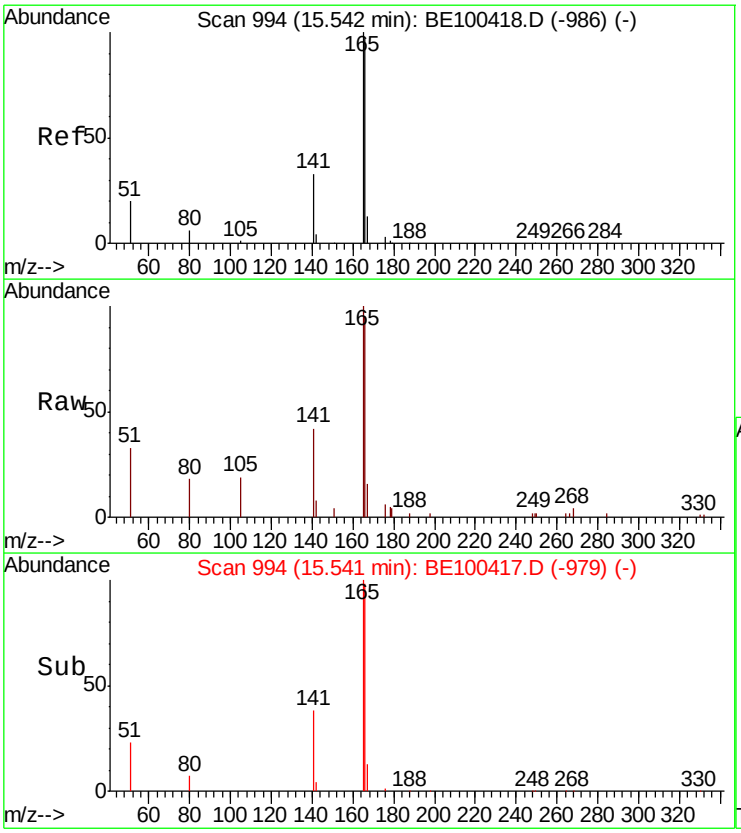
#17
Acenaphthene
Concen: 0.216 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5655

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.6	138.8
152	58.0	44.5	66.7

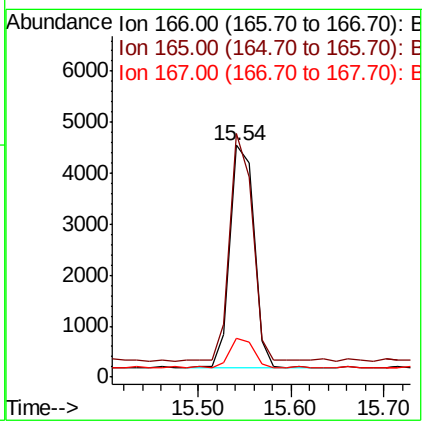


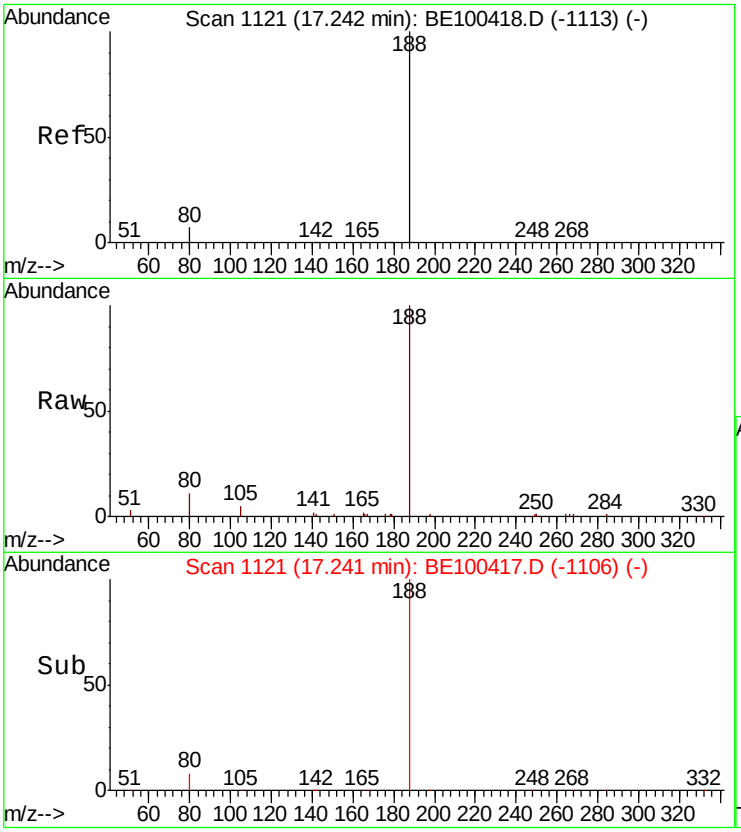


#18
Fluorene
Concen: 0.179 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:166 Resp: 7814

Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	13.6	11.0	16.4



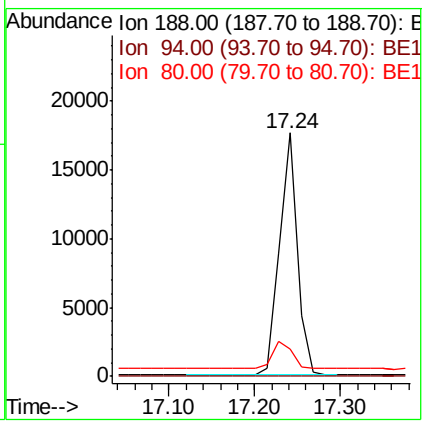


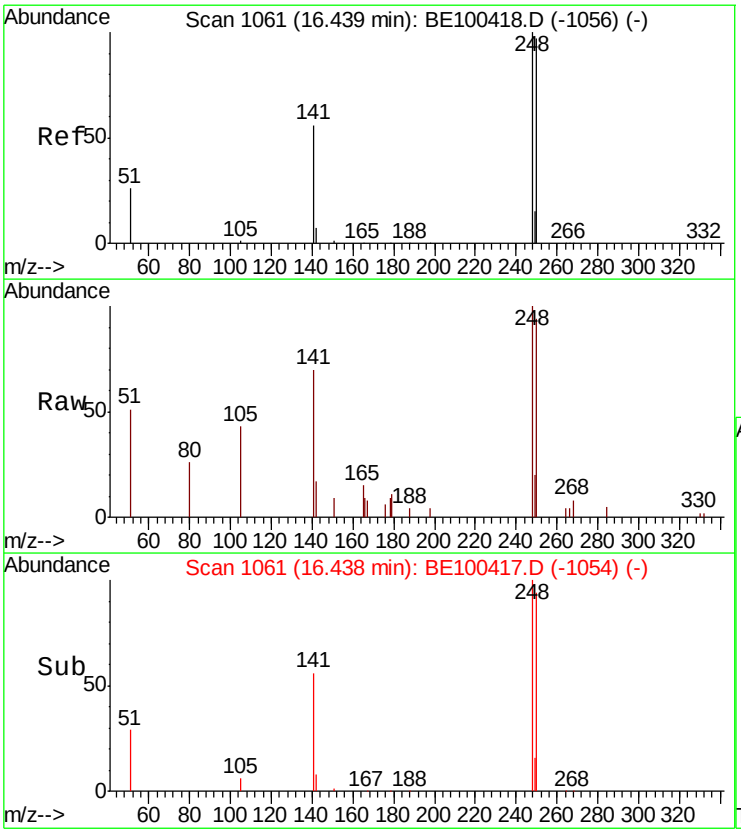
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 25482

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	7.7	11.5

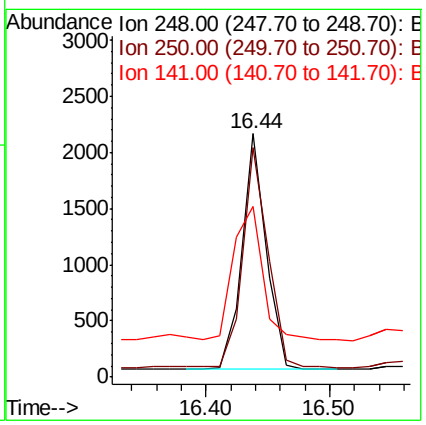


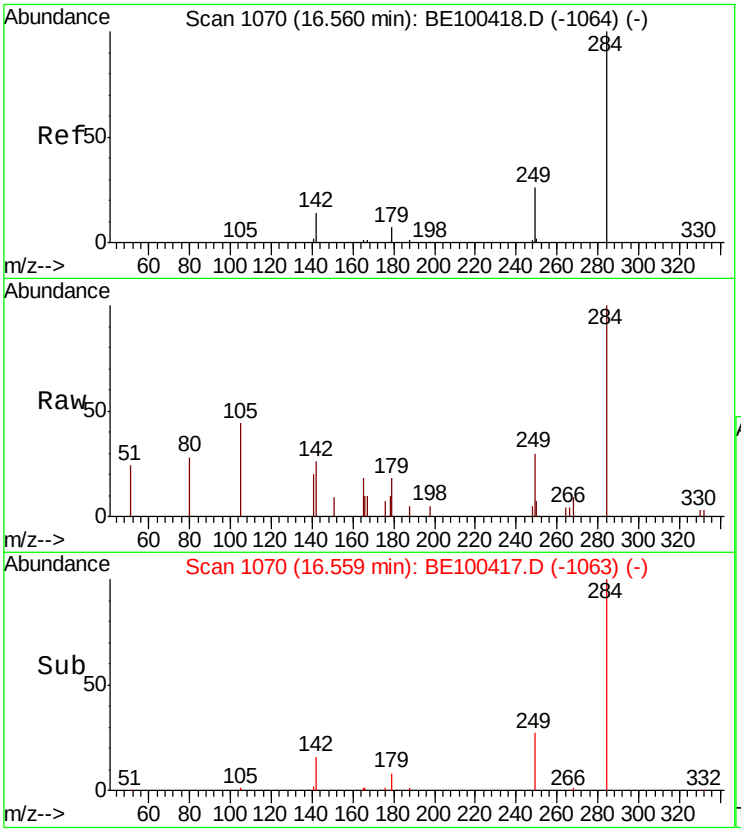


#20
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:248 Resp: 2837

Ion	Ratio	Lower	Upper
248	100		
250	94.5	77.8	116.6
141	69.9	49.0	73.6



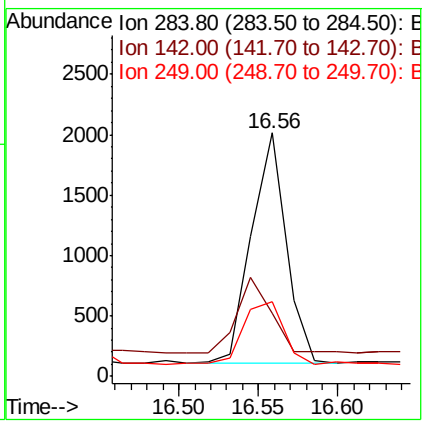


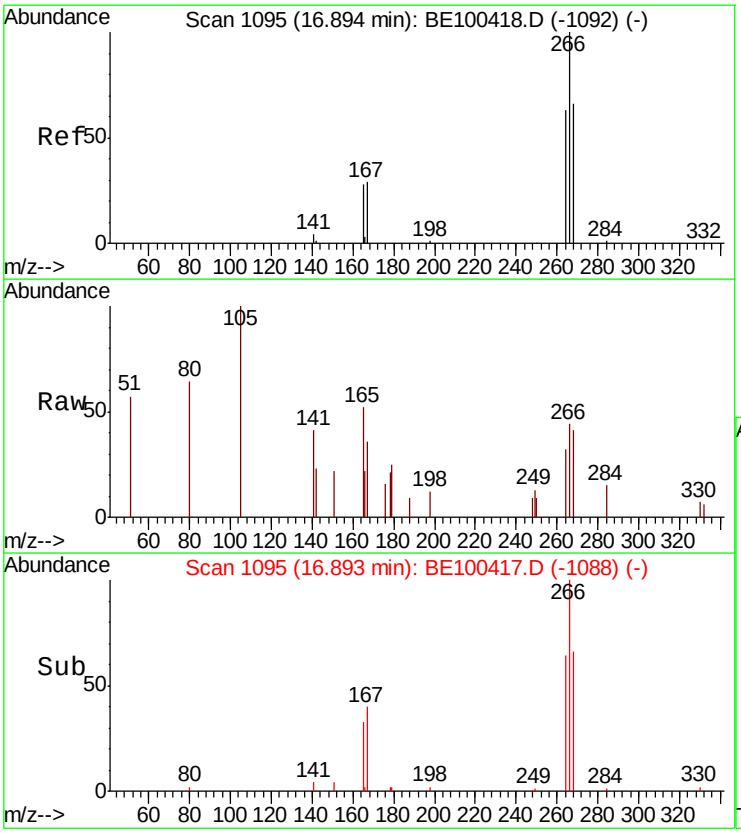
#21
Hexachlorobenzene
Concen: 0.139 ng
RT: 16.56 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 2879

Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.7	40.1
249	31.6	25.6	38.4

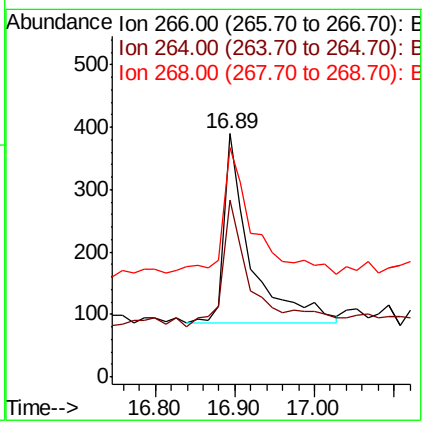


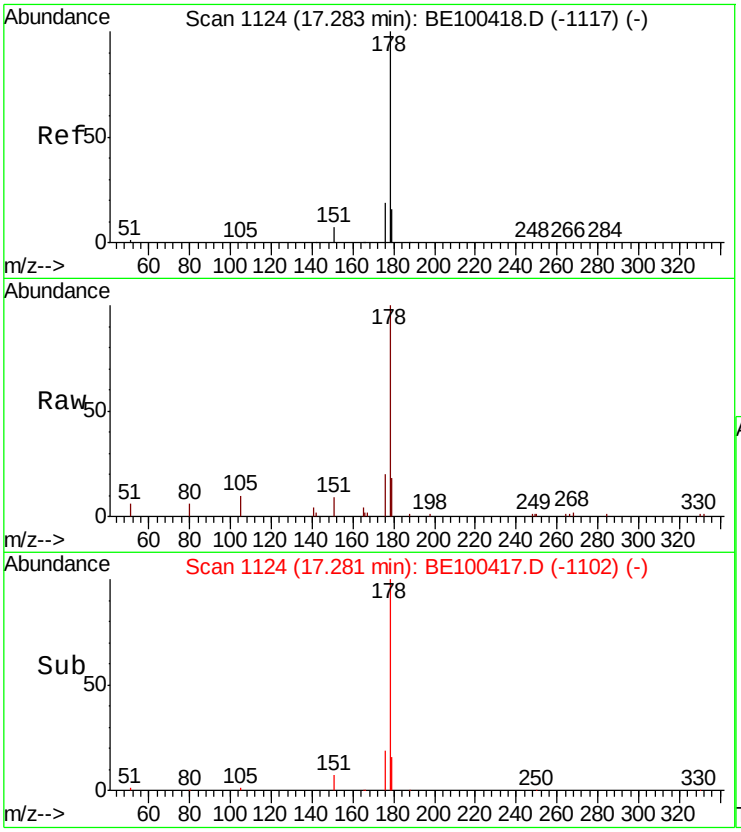


#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:266 Resp: 692

Ion	Ratio	Lower	Upper
266	100		
264	72.8	53.3	79.9
268	94.1	59.1	88.7#



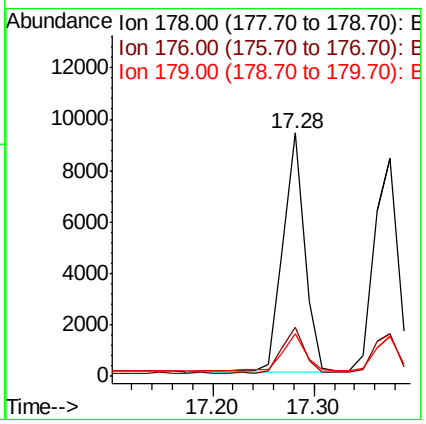


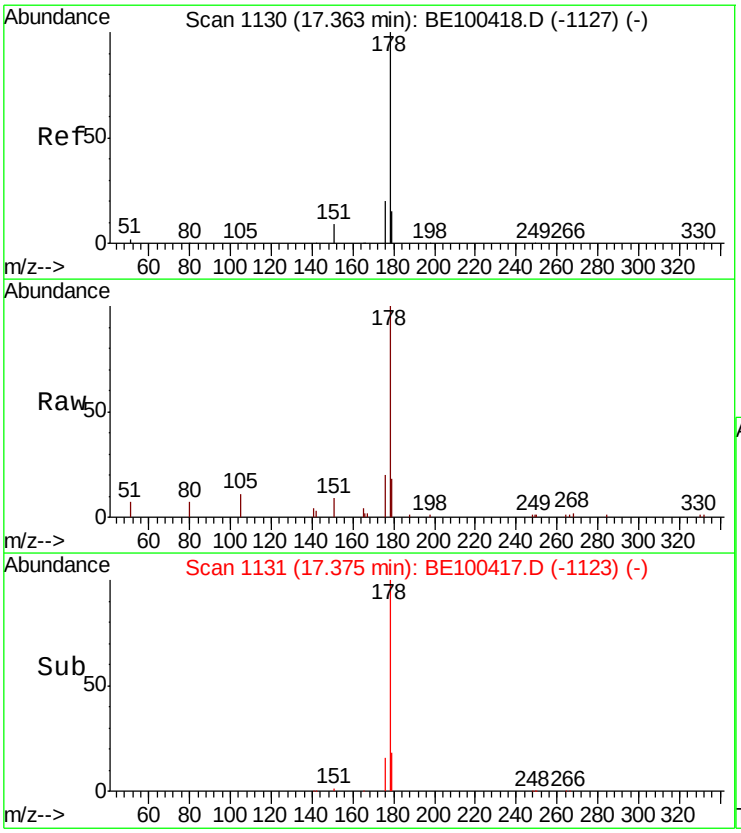
#23
Phenanthrene
Concen: 0.226 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 13712

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.6	18.8

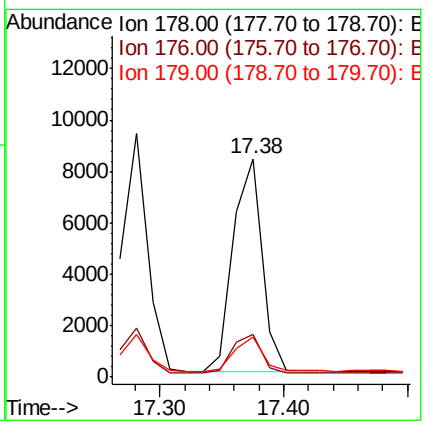


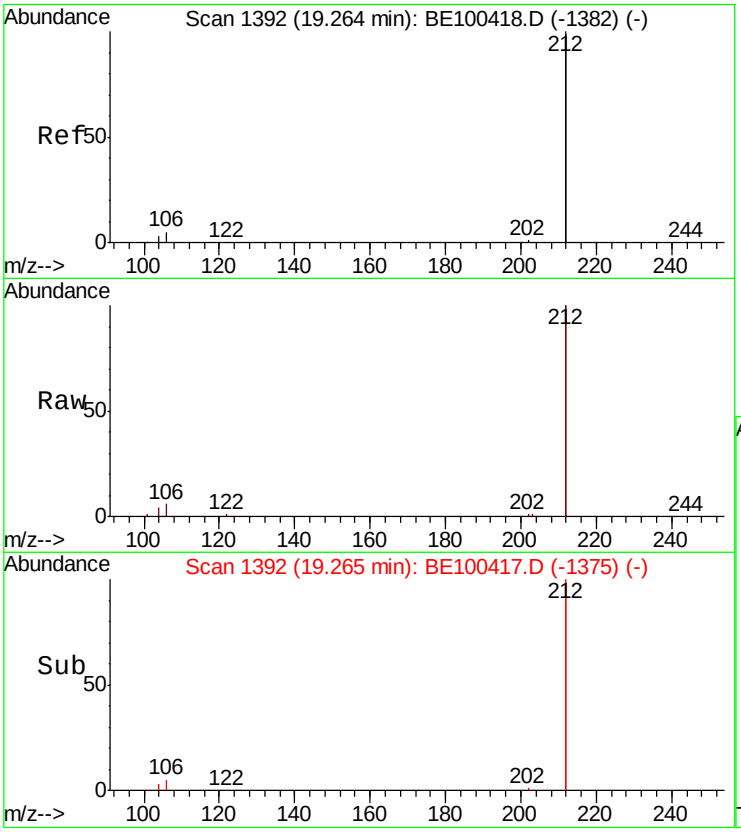


#24
Anthracene
Concen: 0.273 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:178 Resp: 13499

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.7	12.6	19.0



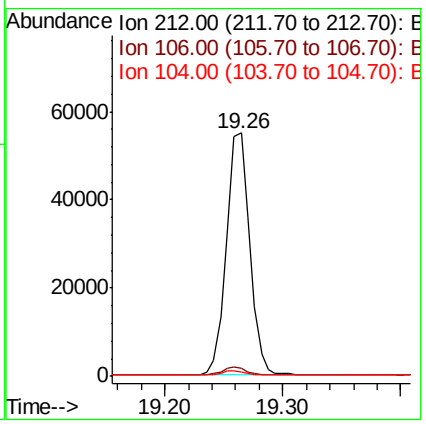


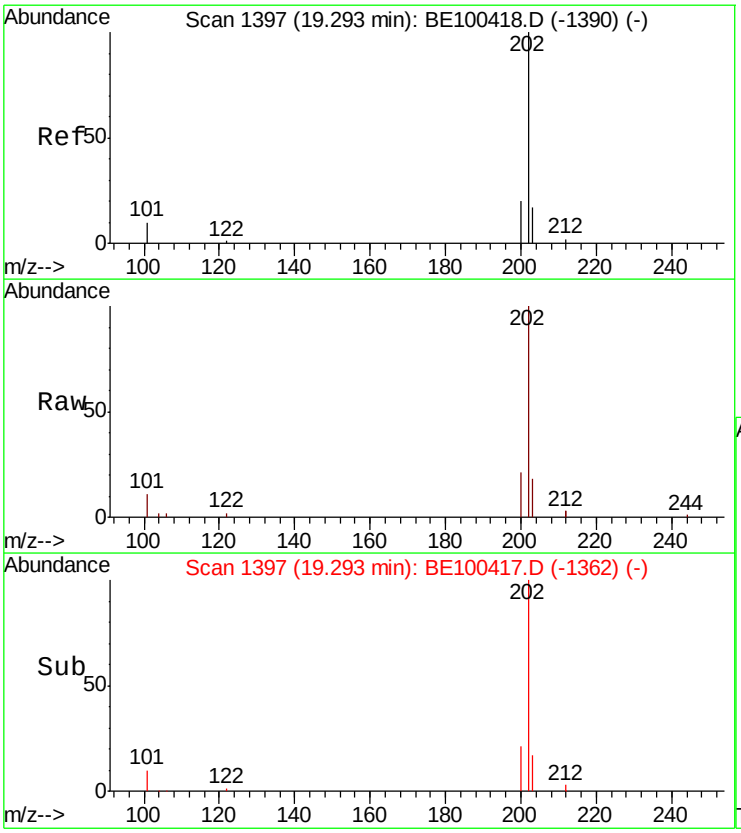
#25
Fluoranthene-d10
Concen: 0.178 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 74781

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.5	3.7
104	1.8	1.4	2.0

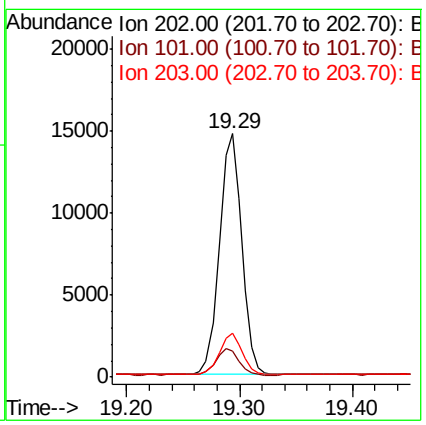


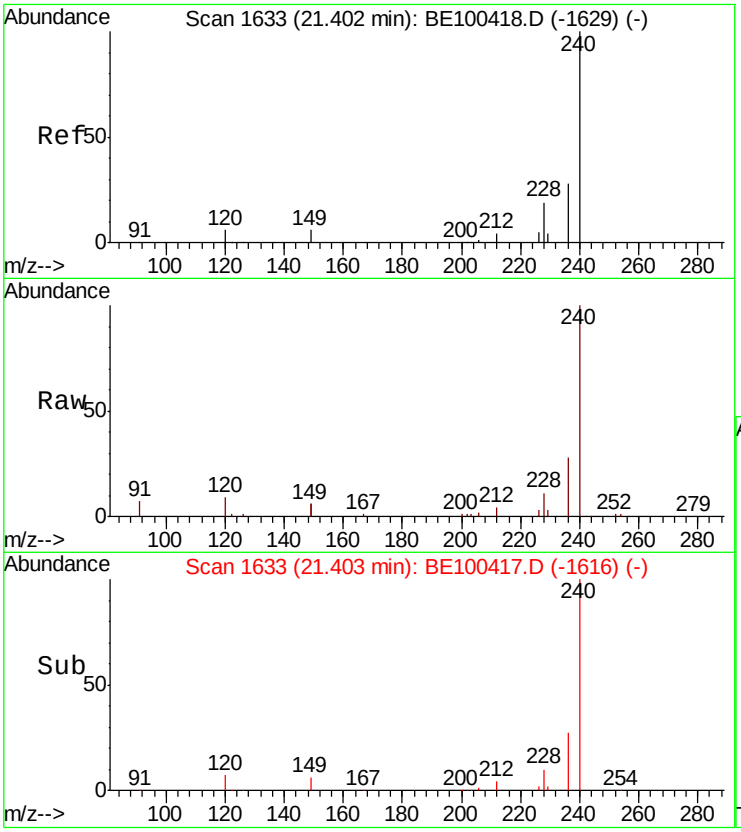


#26
Fluoranthene
Concen: 0.177 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:202 Resp: 20122

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
203	17.2	13.8	20.6



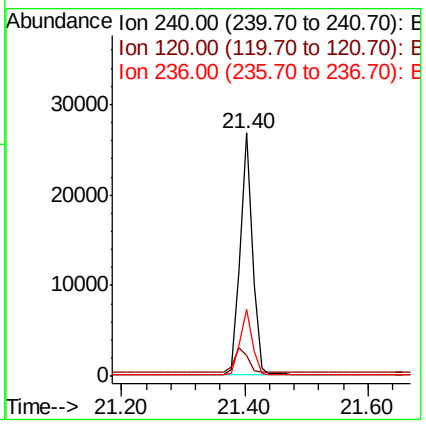


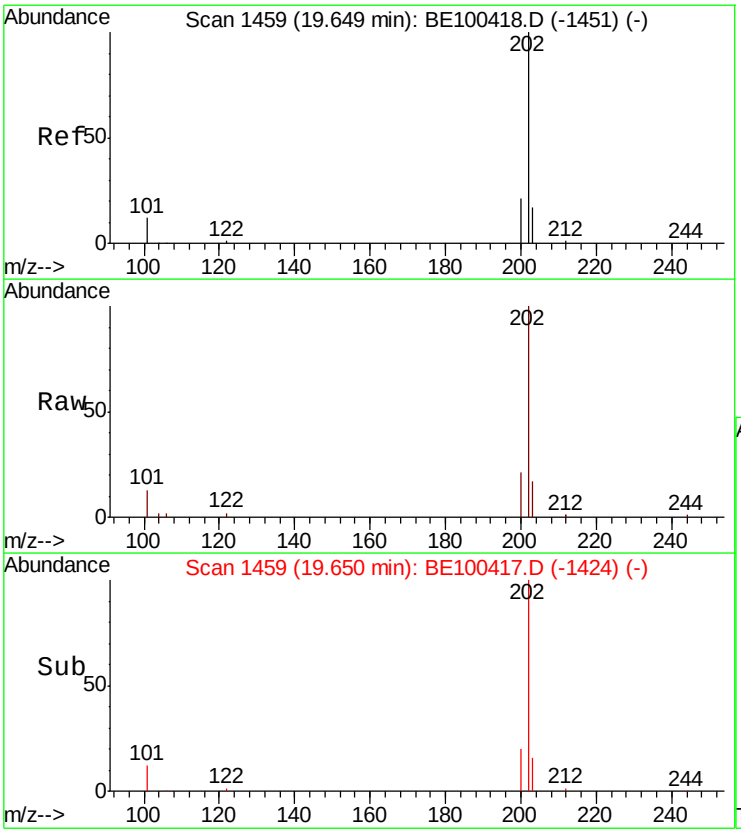
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 36381

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.1	9.1
236	27.5	22.5	33.7

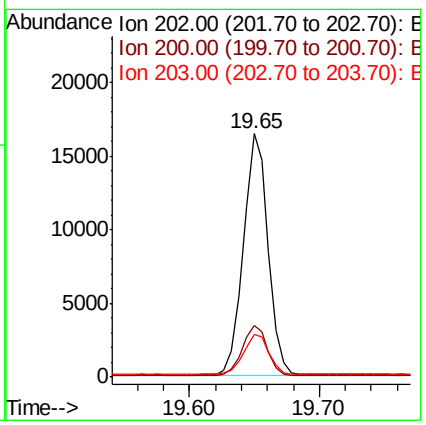


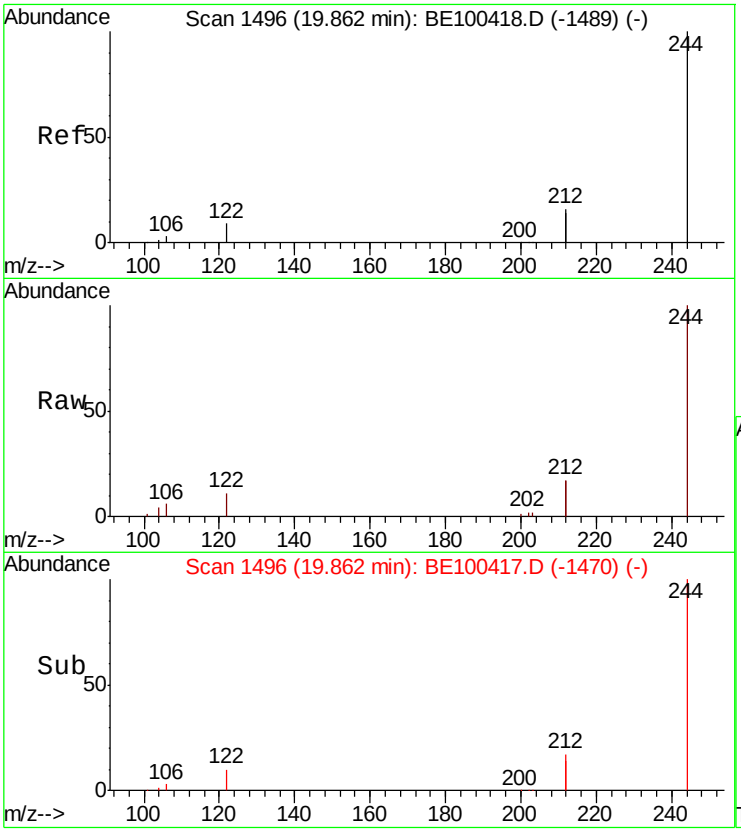


#28
Pyrene
Concen: 0.258 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:202 Resp: 21480

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	14.1	21.1



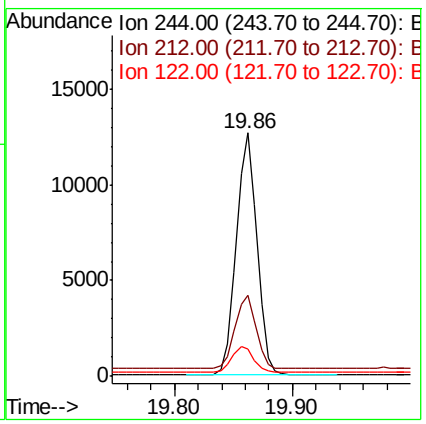


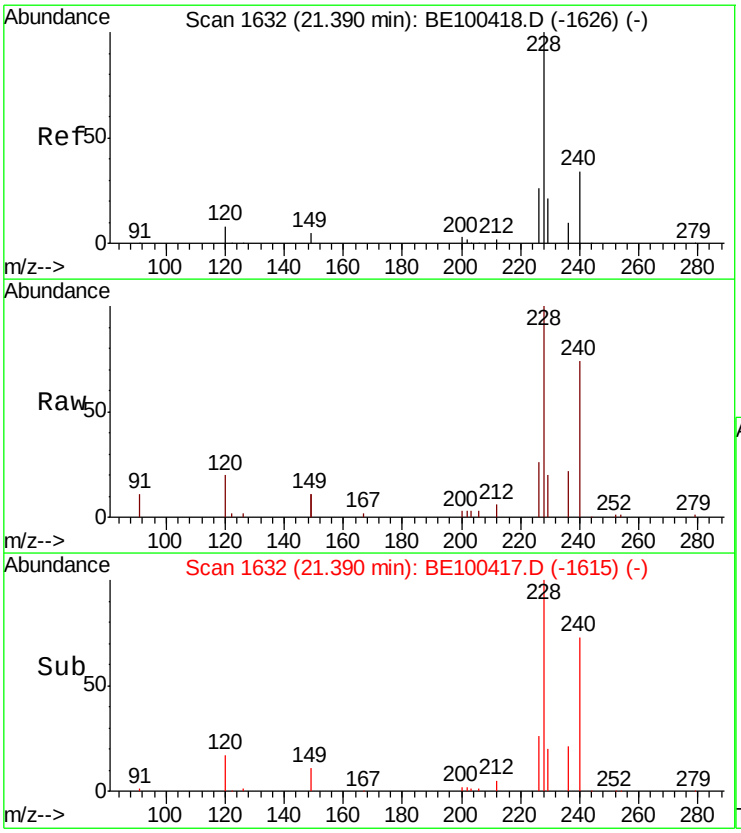
#29
Terphenyl-d14
Concen: 0.227 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 15266

Ion	Ratio	Lower	Upper
244	100		
212	33.3	25.0	37.6
122	11.3	7.7	11.5

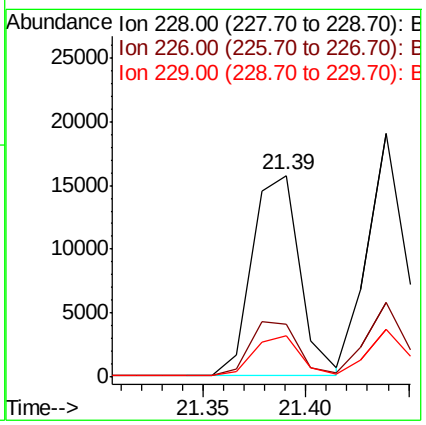


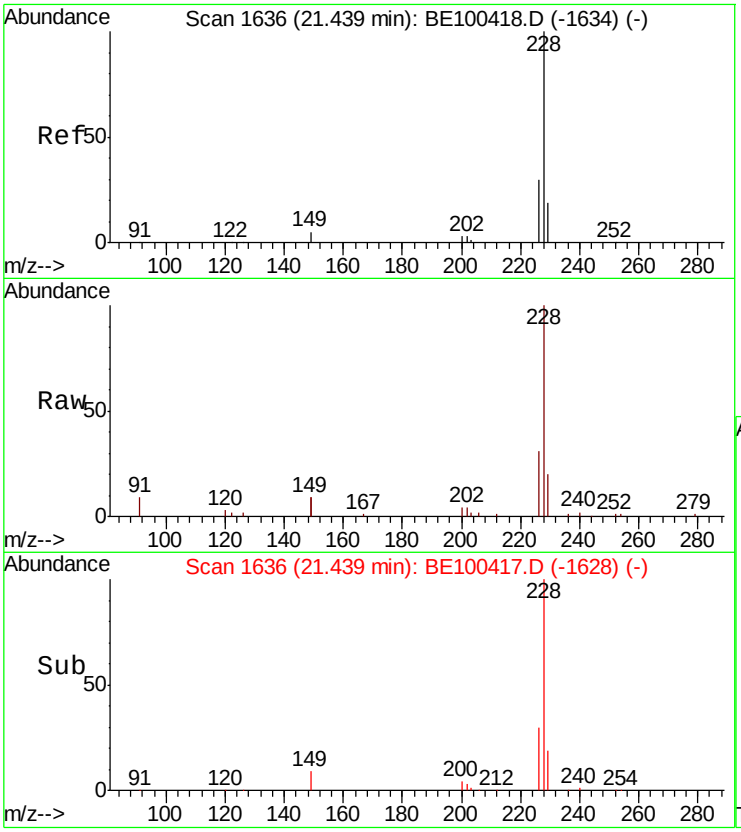


#30
Benzo(a)anthracene
Concen: 0.248 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:228 Resp: 25489

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	20.4	16.7	25.1



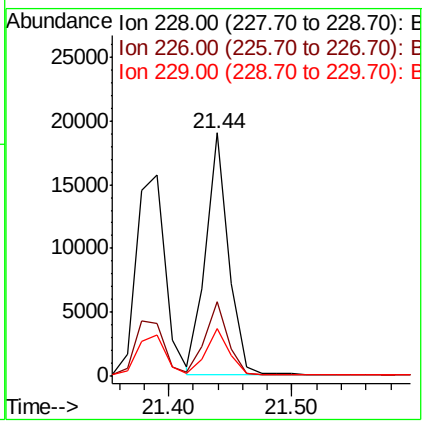


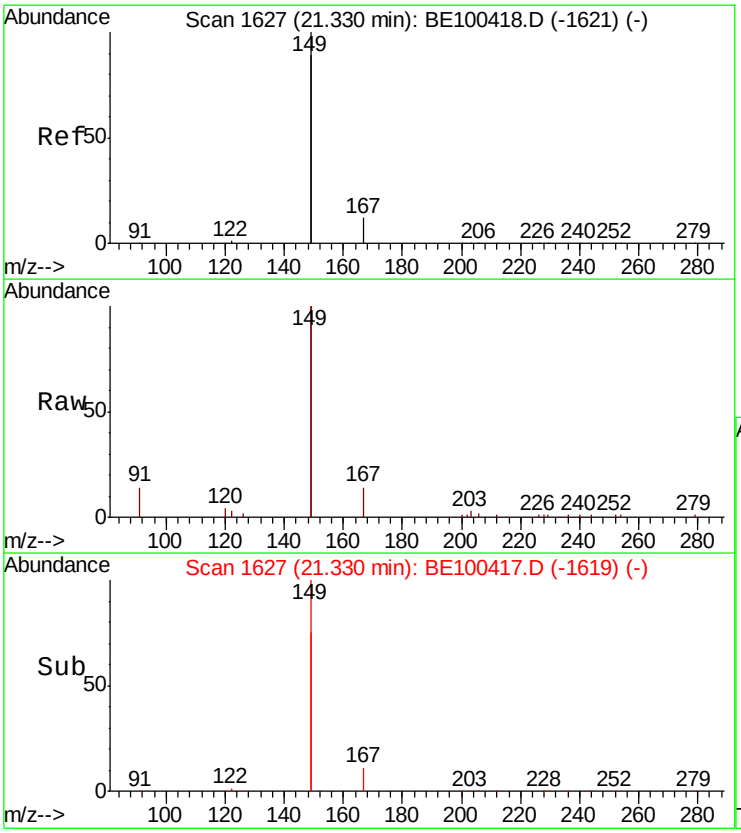
#31
Chrysene
Concen: 0.208 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 24401

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	19.5	15.7	23.5

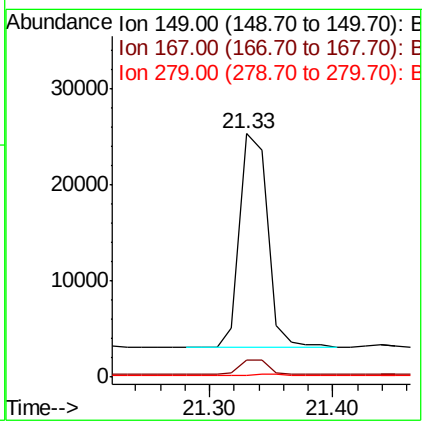


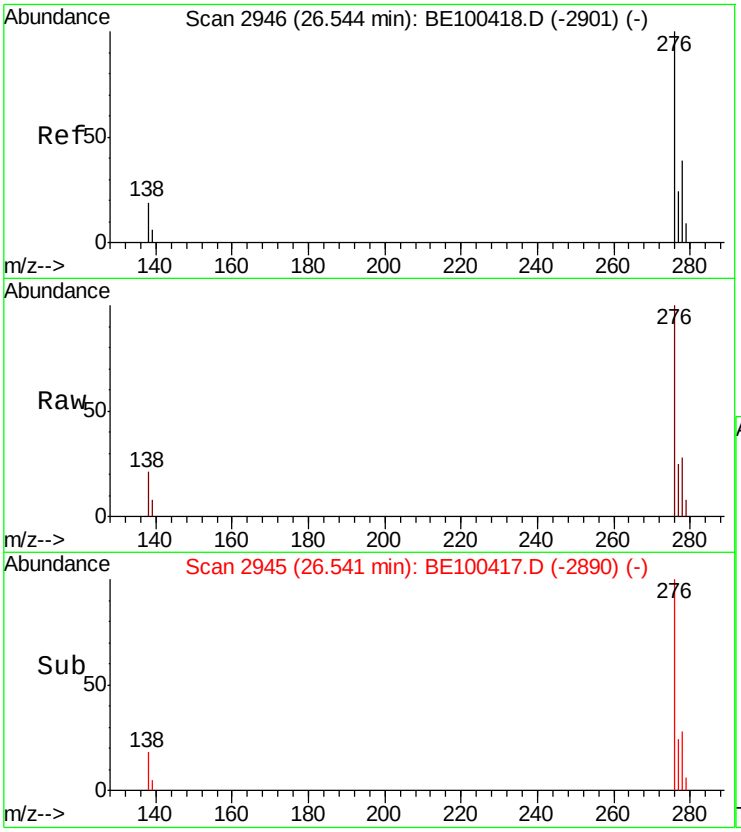


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.398 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:149 Resp: 35242

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.2
279	1.0	0.8	1.2



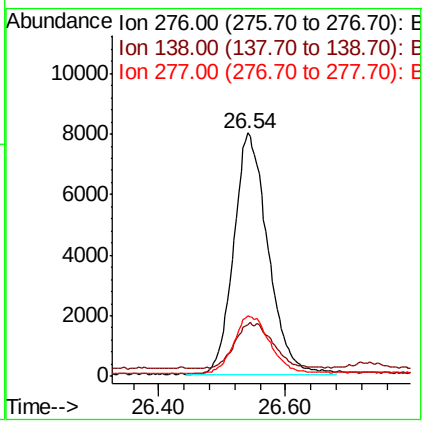


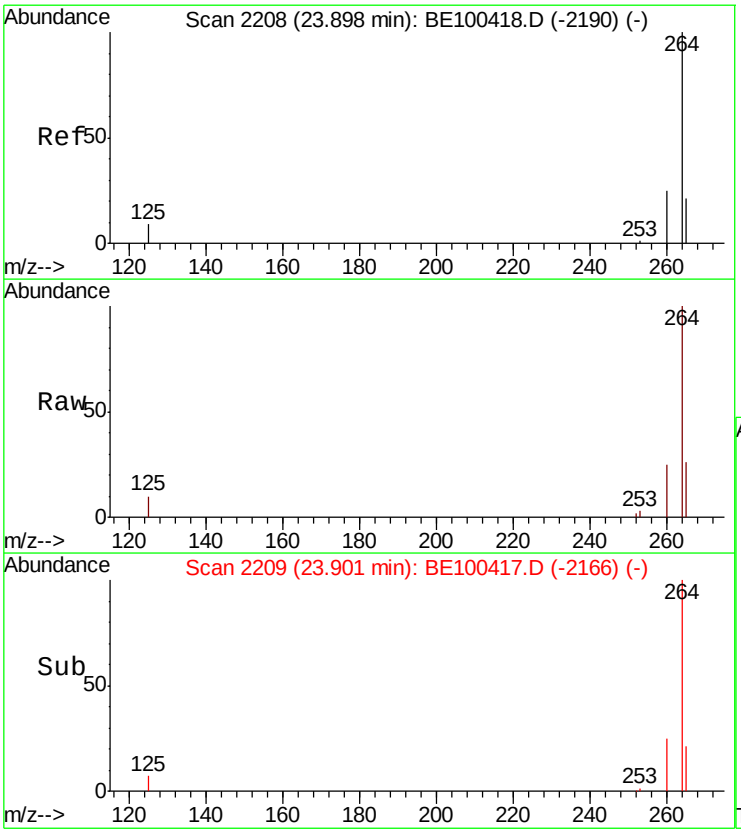
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.182 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 29892

Ion	Ratio	Lower	Upper
276	100		
138	20.6	0.0	0.0#
277	25.0	0.0	0.0#

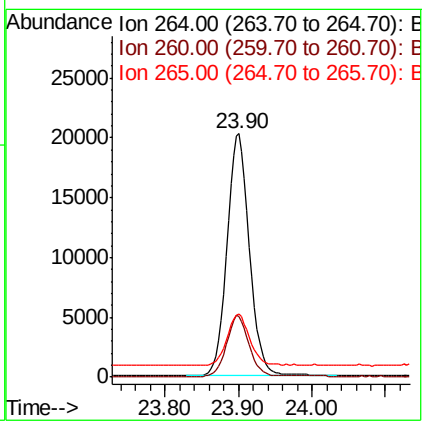


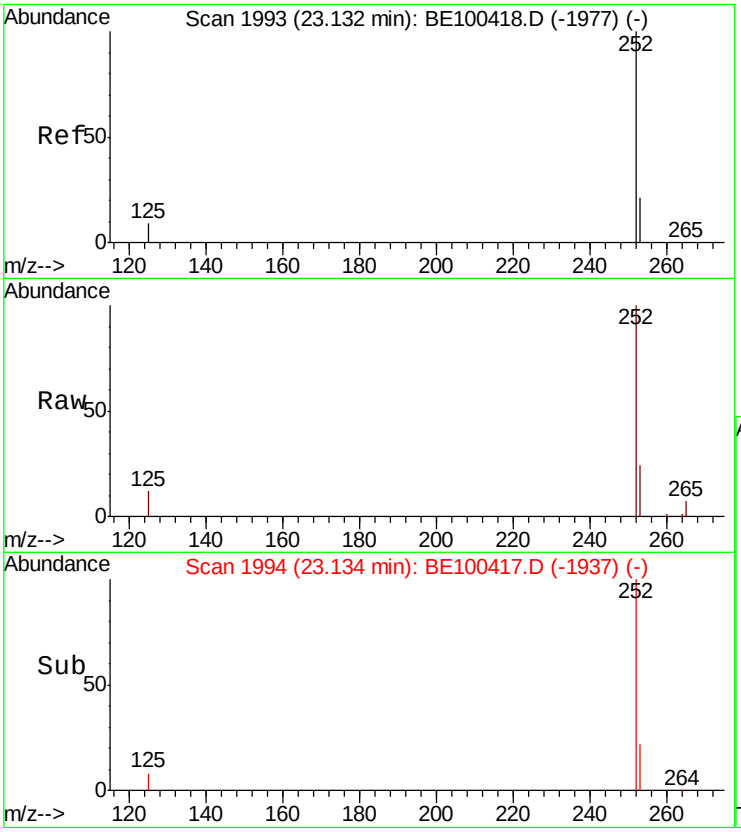


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:264 Resp: 43328

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	26.0	20.8	31.2



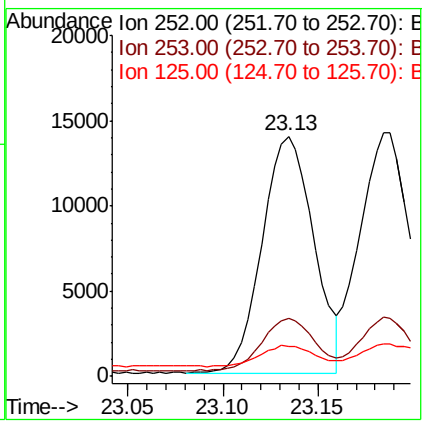


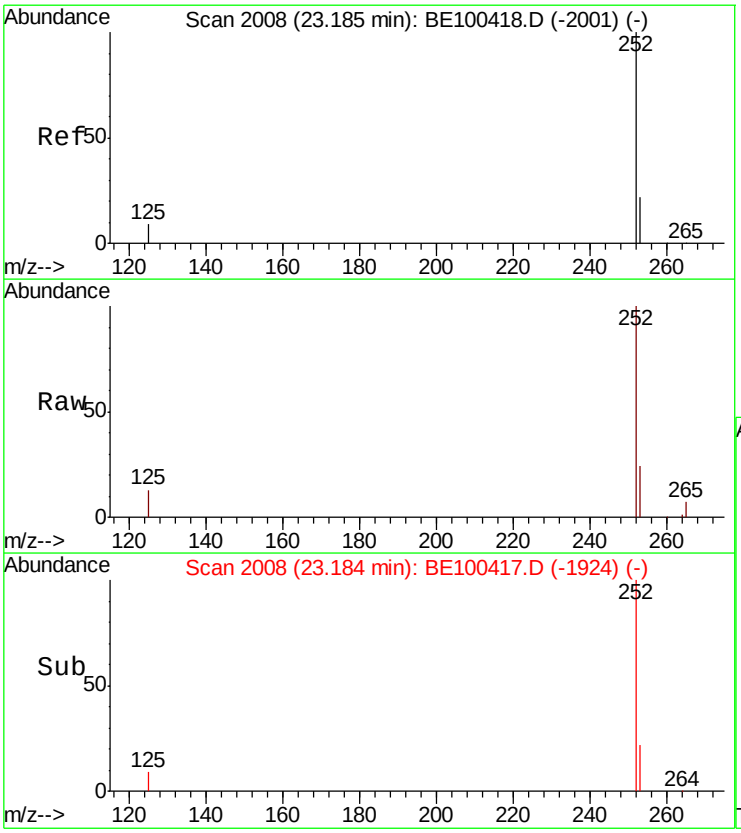
#35
Benzo(b)fluoranthene
Concen: 0.226 ng
RT: 23.13 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 26185

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	12.4	8.5	12.7

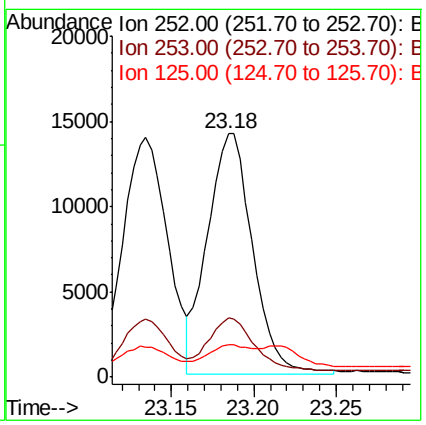


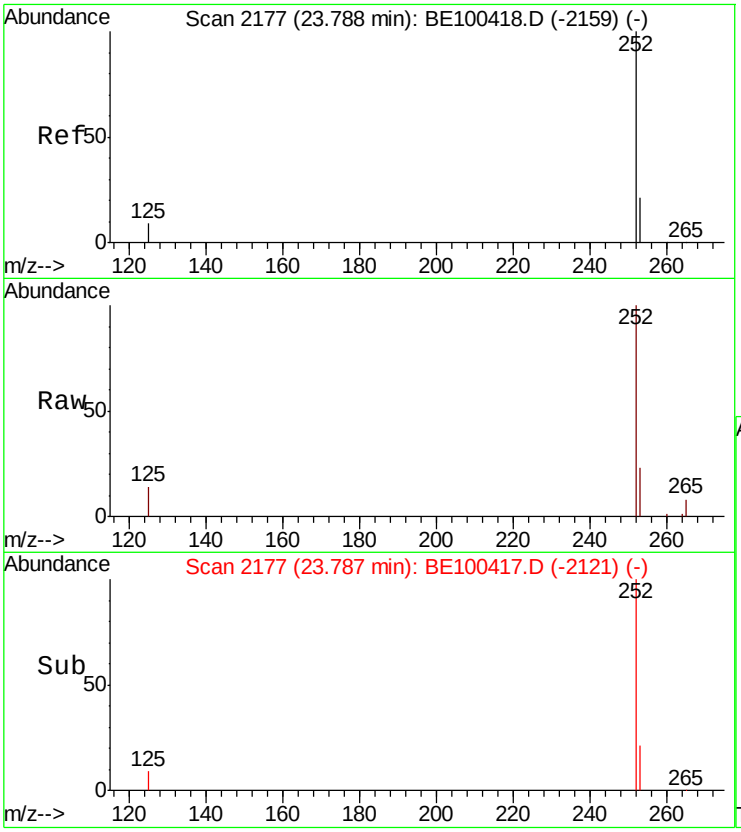


#36
Benzo(k)fluoranthene
Concen: 0.188 ng m
RT: 23.18 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:252 Resp: 26909

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	13.2	8.5	12.7#



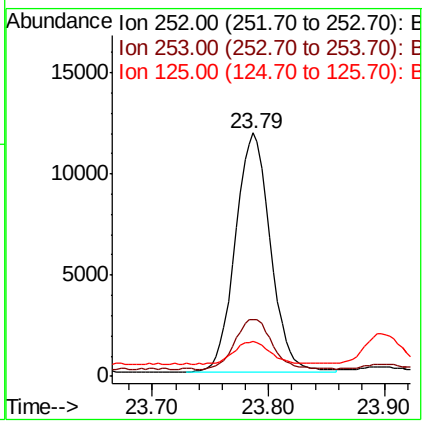


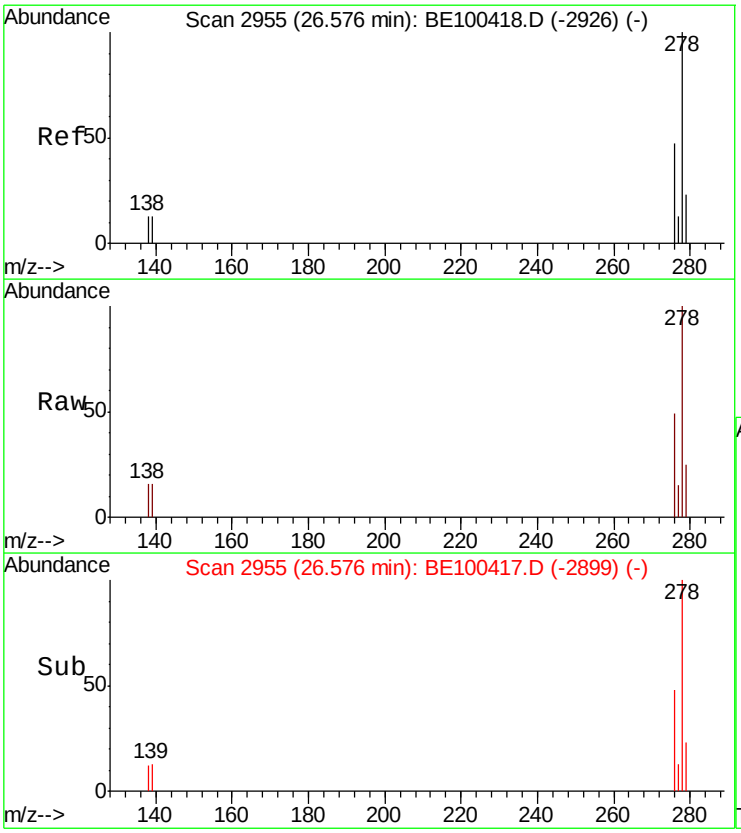
#37
Benzo(a)pyrene
Concen: 0.204 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 24828

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	14.3	9.0	13.6#

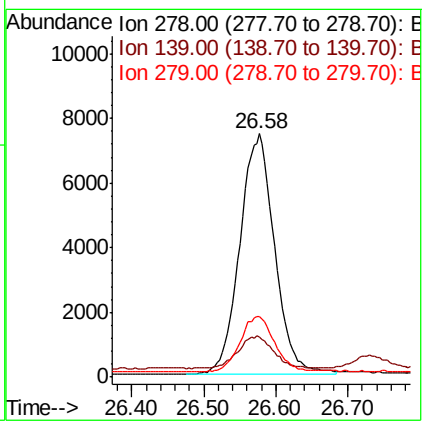


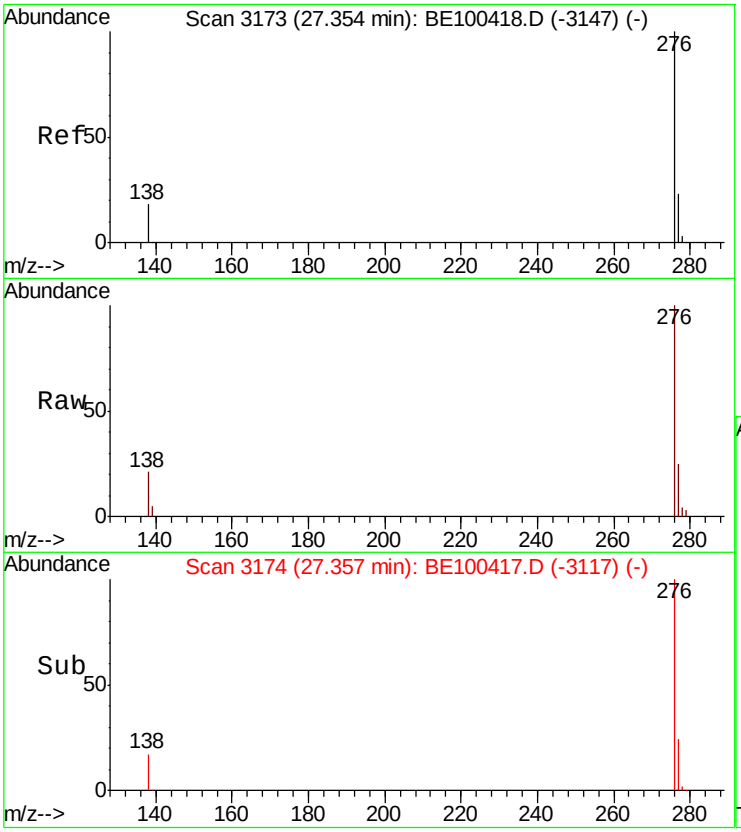


#38
Dibenzo(a,h)anthracene
Concen: 0.203 ng
RT: 26.58 min Scan# 2955
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:278 Resp: 24364

Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.6	17.4
279	25.1	19.4	29.0





#39
Benzo(g,h,i)perylene
Concen: 0.171 ng
RT: 27.36 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 24392

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.1	28.7
138	20.9	15.7	23.5