Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100507.D
Acq On : 18 Sep 2019 15:07
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Sep 18 17:10:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 17:04:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9811	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	46535	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	25473	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	62803	0.40	ng		0.00
27) Chrysene-d12	21.37	240	71730	0.40	ng		0.00
34) Perylene-d12	23.84	264	81884	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	8424	0.35	ng		-0.01
5) Phenol-d6	7.02	99	13455	0.39	ng		0.00
8) Nitrobenzene-d5	9.00	82	4603	0.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	14807	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	1177	0.11	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	19071	0.18	ng		0.00
25) Fluoranthene-d10	19.23	212	158619	0.18	ng		0.00
29) Terphenyl-d14	19.82	244	35785	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	3716	0.252	ng		95
3) n-Nitrosodimethylamine	3.67	42	1945	0.217	ng		98
6) bis(2-Chloroethyl)ether	7.27	93	7207	0.246	ng		99
9) Naphthalene	10.69	128	102253	0.229	ng		100
10) Hexachlorobutadiene	10.99	225	3188	0.149	ng		99
12) 2-Methylnaphthalene	12.31	142	16557	0.206	ng		98
16) Acenaphthylene	14.21	152	24433	0.207	ng		99
17) Acenaphthene	14.54	154	16045	0.226	ng		98
18) Fluorene	15.52	166	20922	0.221	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	5927	0.198	ng		98
21) Hexachlorobenzene	16.52	284	4960	0.161	ng		99
22) Pentachlorophenol	16.88	266	1066	0.082	ng		91
23) Phenanthrene	17.24	178	36864	0.240	ng		100
24) Anthracene	17.34	178	31155	0.213	ng		100
26) Fluoranthene	19.26	202	45876	0.207	ng		99
28) Pyrene	19.62	202	47342	0.212	ng		100
30) Benzo(a)anthracene	21.35	228	44973	0.205	ng		95
31) Chrysene	21.40	228	47359	0.219	ng		99
32) Bis(2-ethylhexyl)phthalate	21.29	149	65949	0.131	ng	#	95
33) Indeno(1,2,3-cd)pyrene	26.46	276	56040	0.238	ng		97
35) Benzo(b)fluoranthene	23.08	252	46437	0.207	ng		99
36) Benzo(k)fluoranthene	23.08	252	46437	0.198	ng		100
37) Benzo(a)pyrene	23.73	252	45366	0.208	ng		99
38) Dibenzo(a,h)anthracene	26.47	278	44827	0.218	ng		99
39) Benzo(g,h,i)perylene	27.25	276	48135	0.228	ng		99

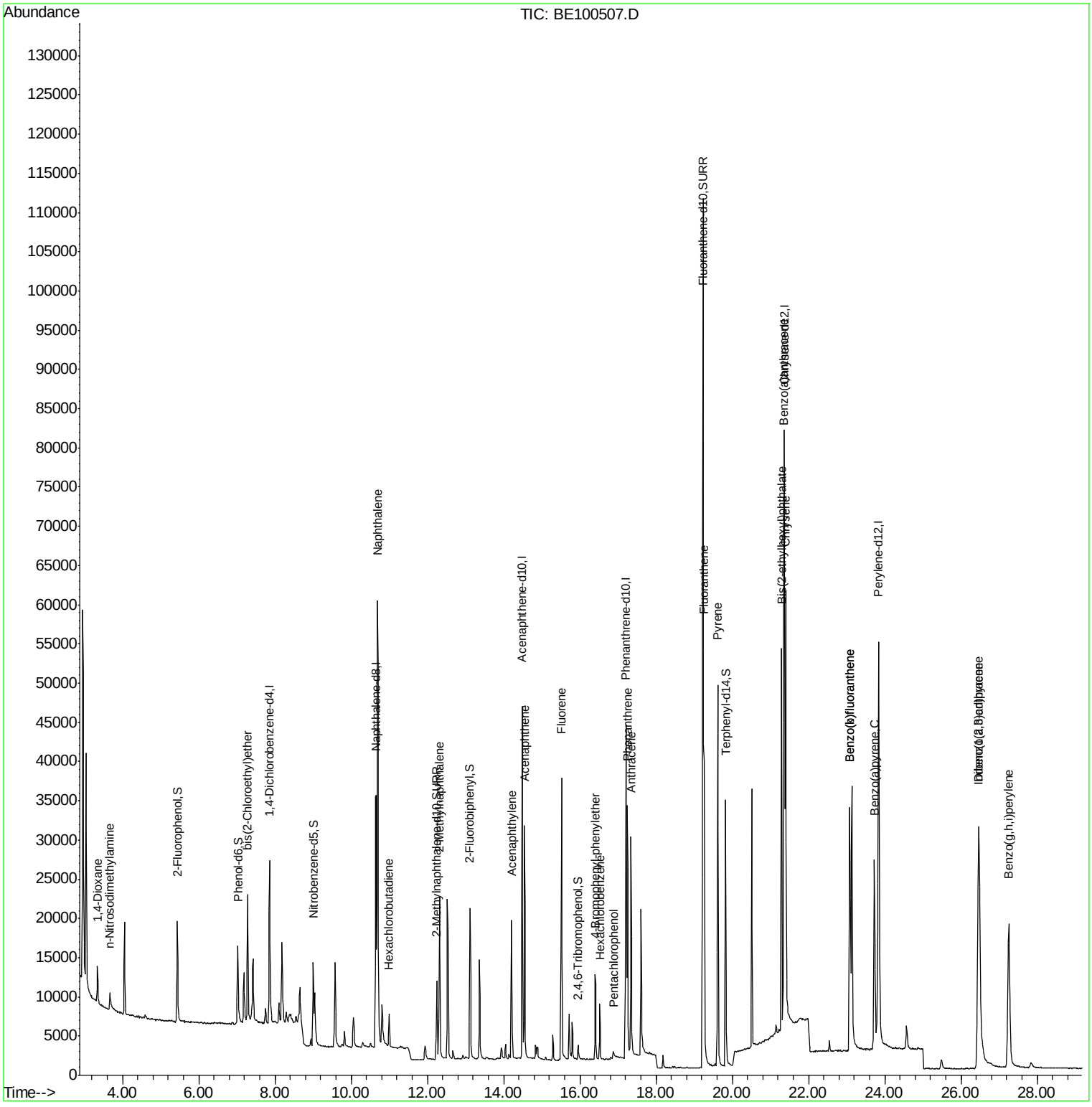
(#) = qualifier out of range (m) = manual integration (+) = signals summed

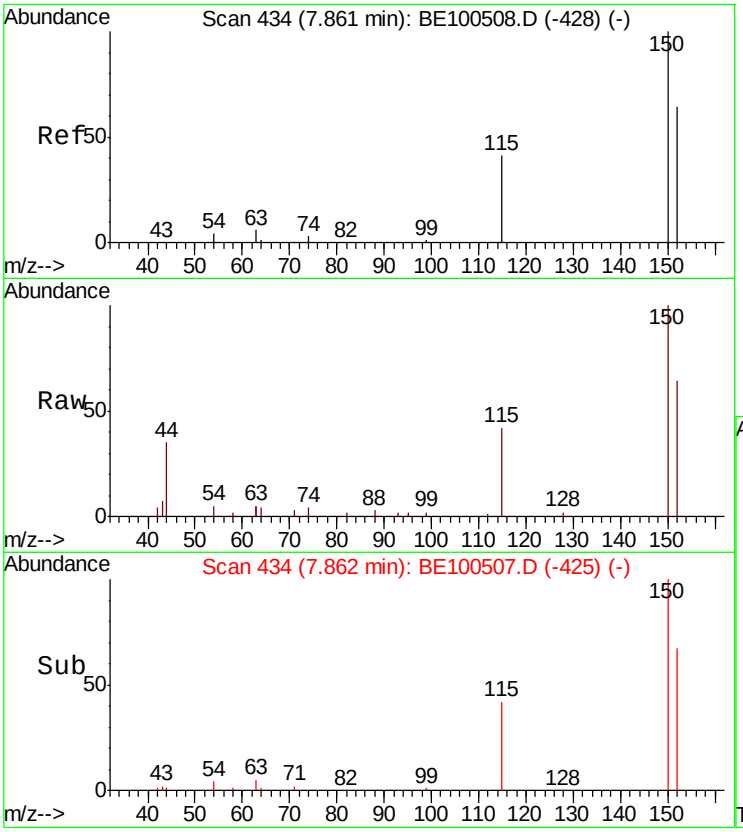
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100507.D
Acq On : 18 Sep 2019 15:07
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 18 17:10:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 17:04:18 2019
Response via : Initial Calibration



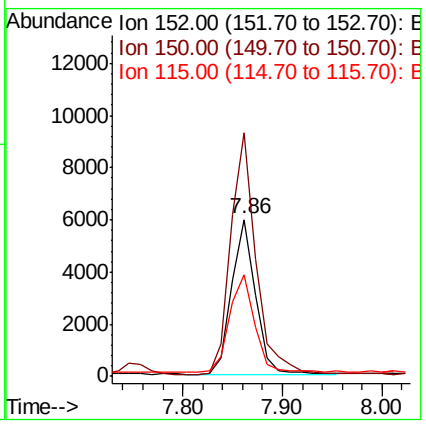


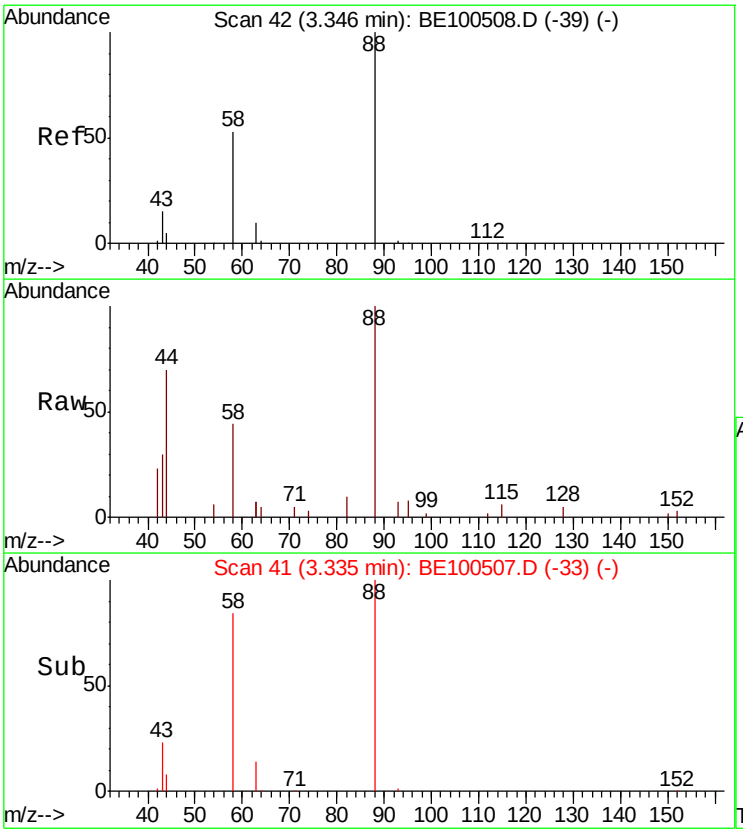
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 9811

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.1	186.1
115	65.0	53.0	79.6

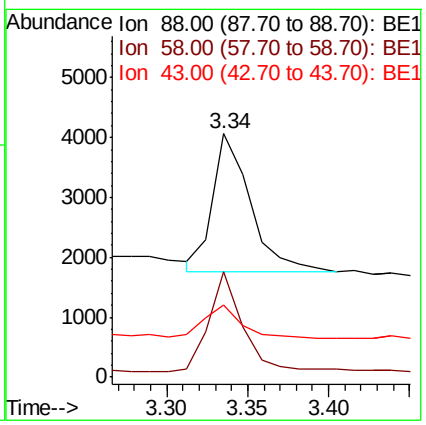


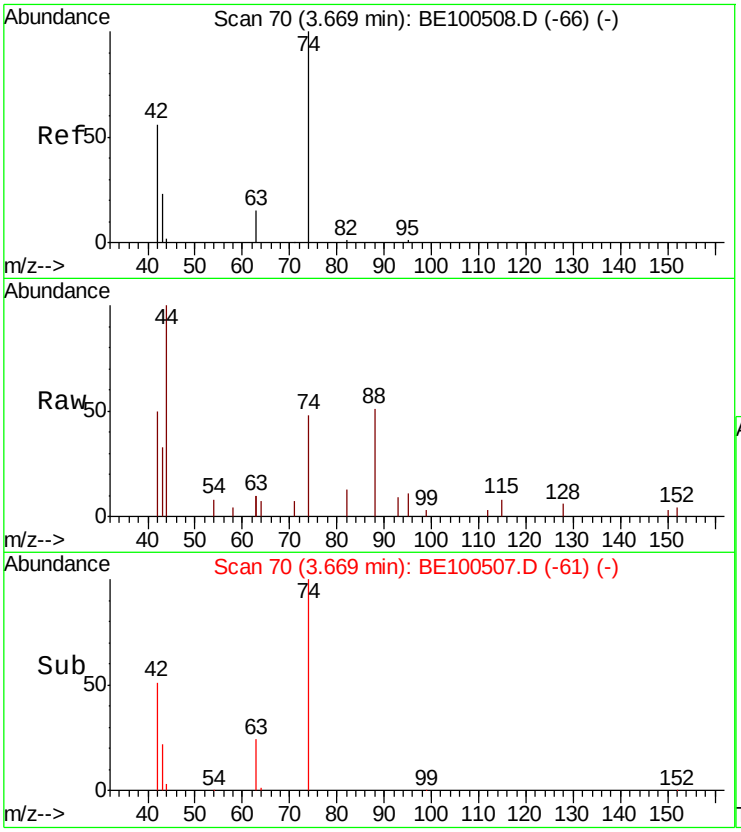


#2
1,4-Dioxane
Concen: 0.252 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion: 88 Resp: 3716

Ion	Ratio	Lower	Upper
88	100		
58	65.0	56.2	84.2
43	24.0	19.2	28.8



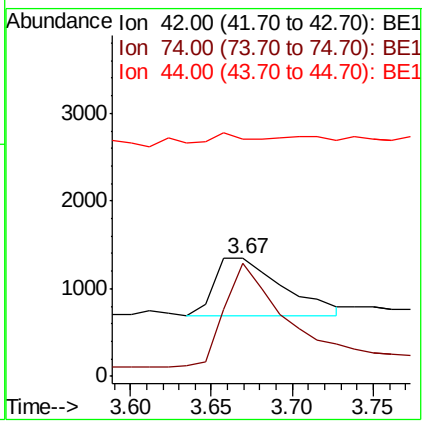


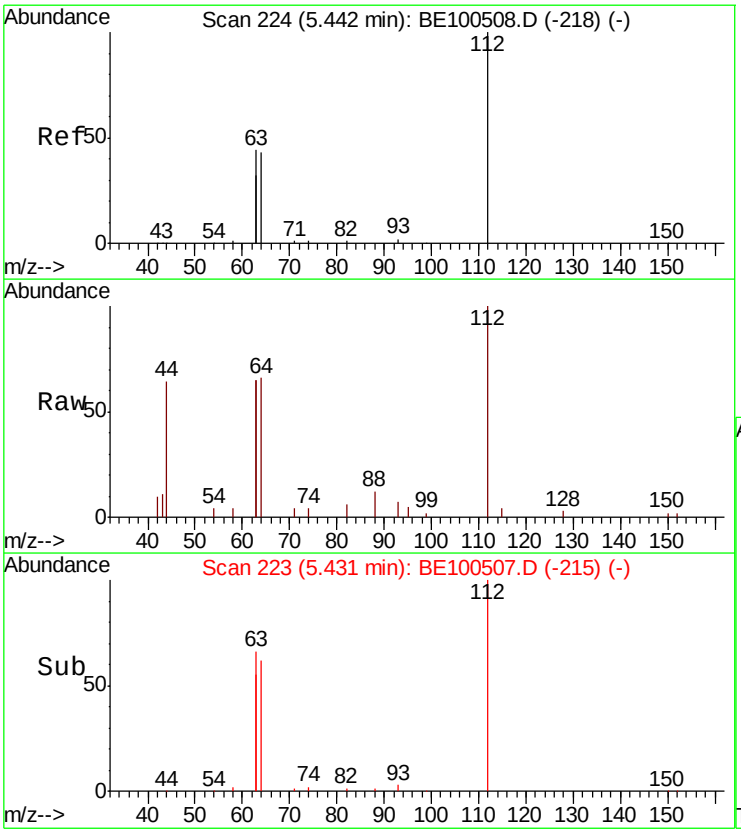
#3
n-Nitrosodimethylamine
Concen: 0.217 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1945

Ion	Ratio	Lower	Upper
42	100		
74	157.6	127.2	190.8
44	18.8	18.2	27.4

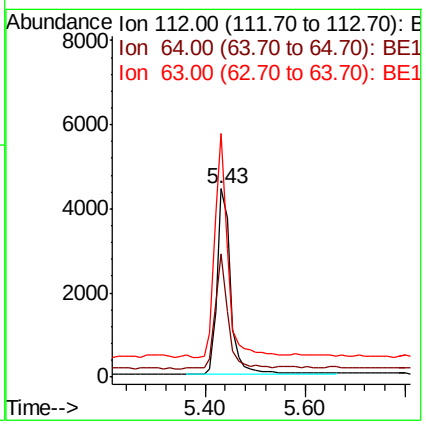


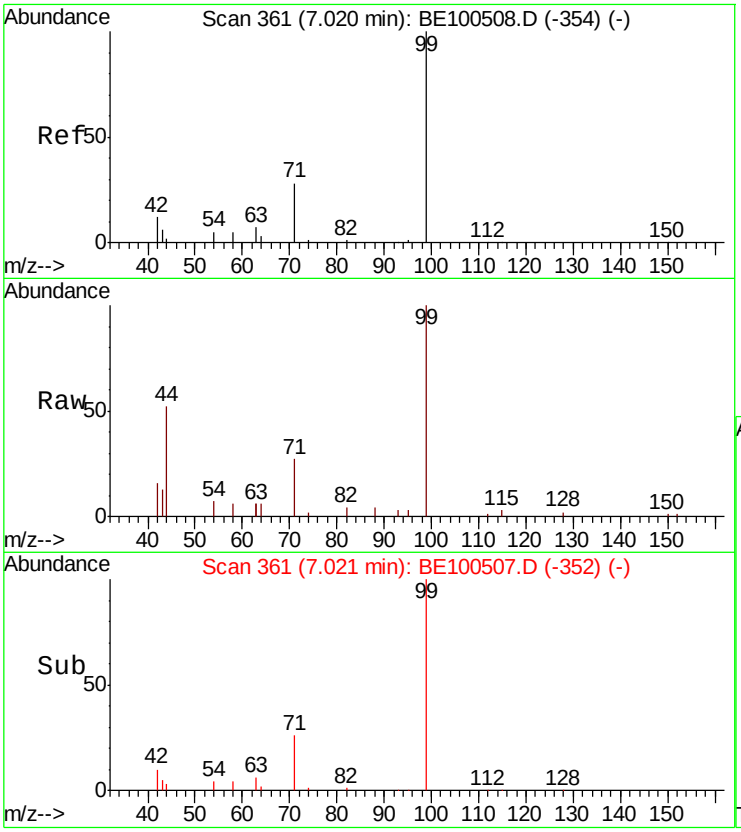


#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.01 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:112 Resp: 8424

Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.2	69.2
63	112.4	88.2	132.4



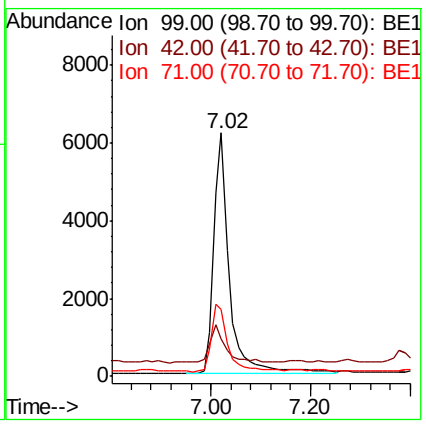


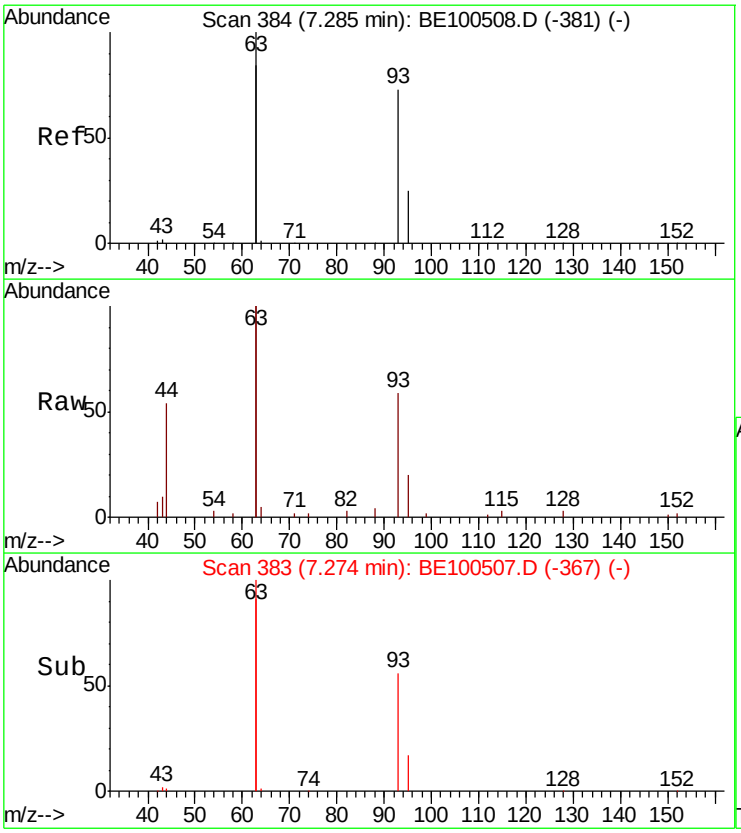
#5
Phenol-d6
Concen: 0.394 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 13455

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.0	18.0
71	30.0	22.7	34.1

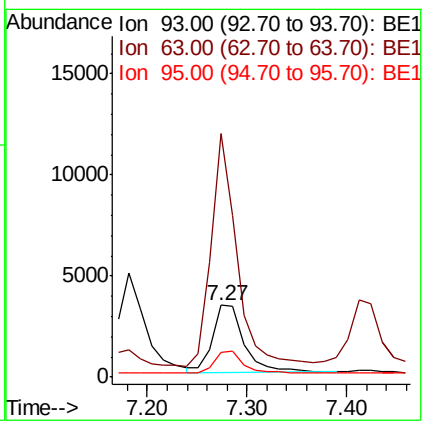


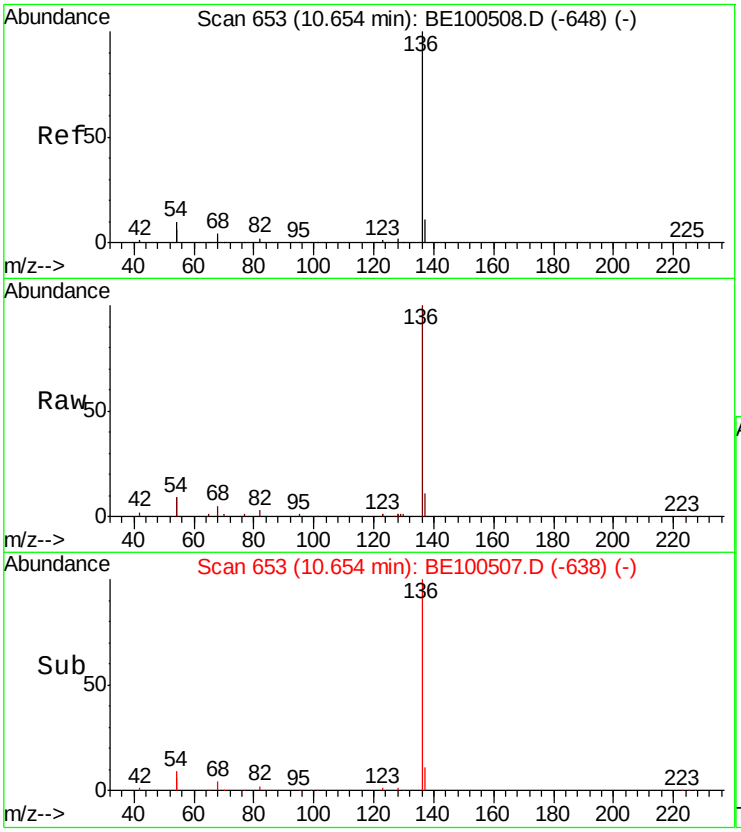


#6
bis(2-Chloroethyl)ether
Concen: 0.246 ng
RT: 7.27 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion: 93 Resp: 7207

Ion	Ratio	Lower	Upper
93	100		
63	283.8	228.3	342.5
95	30.8	24.6	36.8



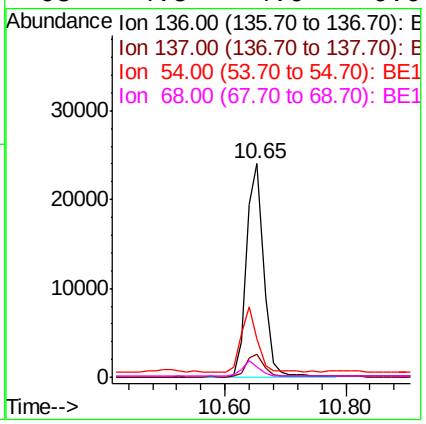


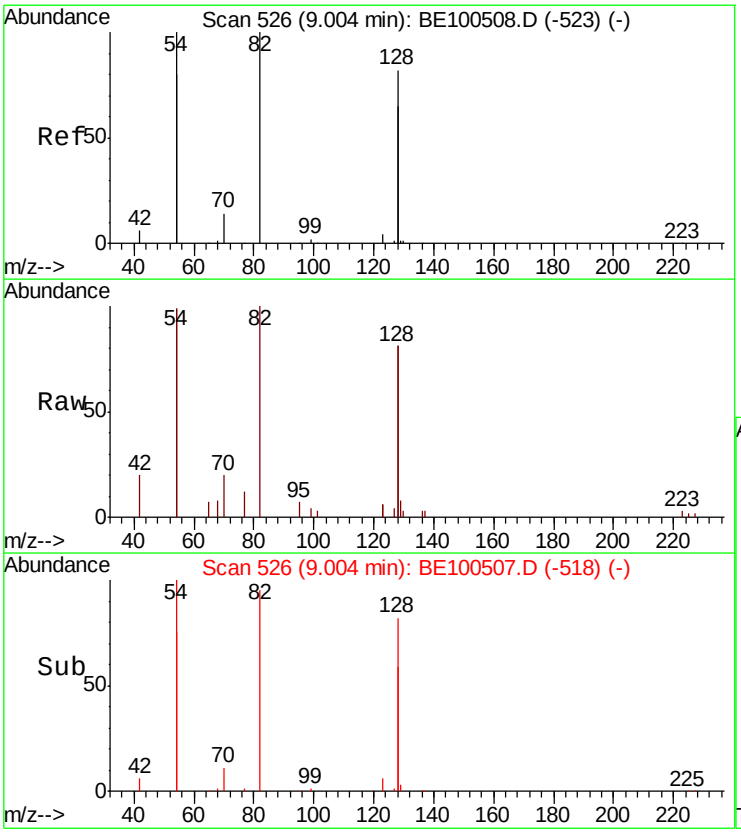
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 46535

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	17.9	15.4	23.0
68	4.5	4.0	6.0

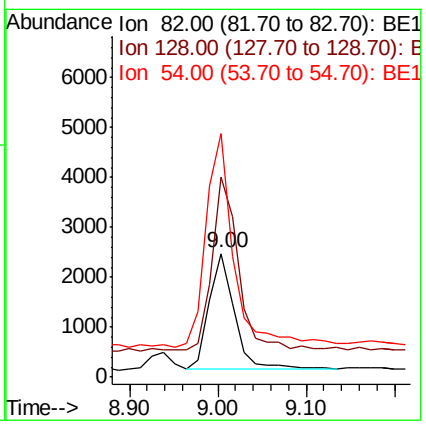


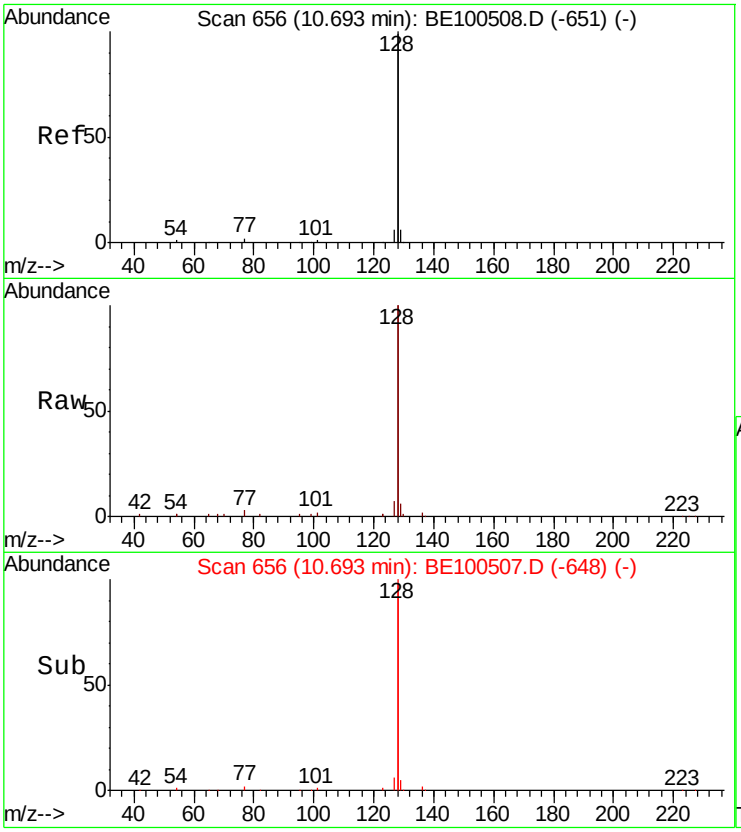


#8
Nitrobenzene-d5
Concen: 0.119 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion: 82 Resp: 4603

Ion	Ratio	Lower	Upper
82	100		
128	161.6	124.6	186.8
54	197.1	151.8	227.8



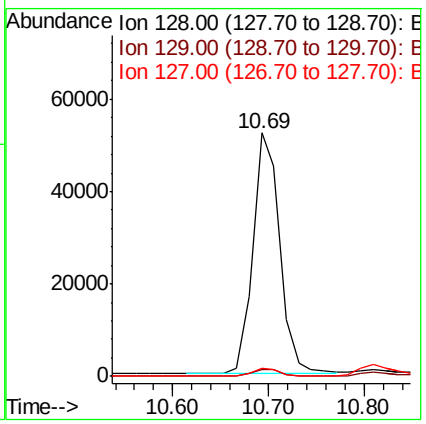


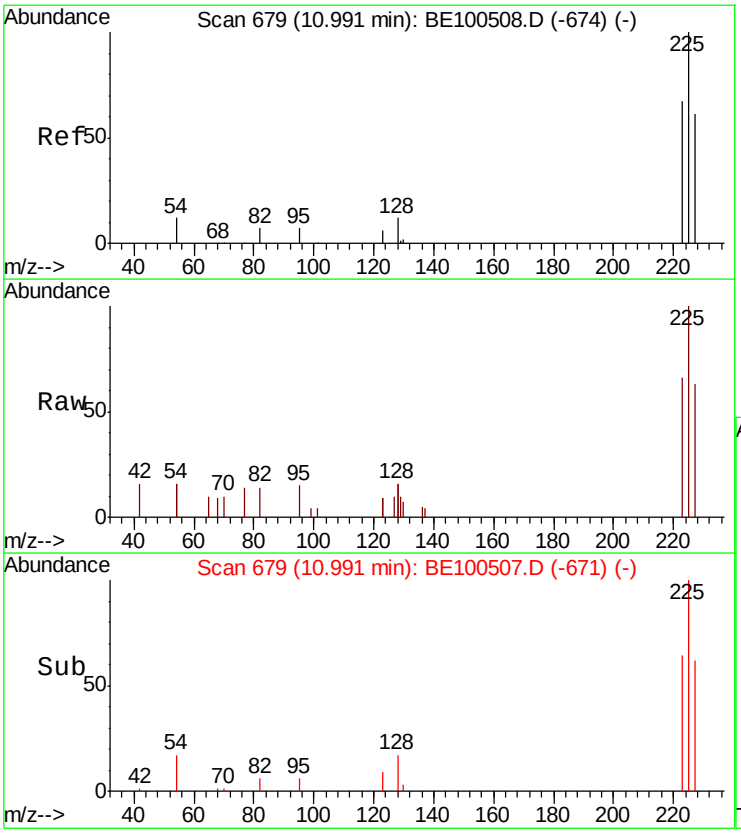
#9
Naphthalene
Concen: 0.229 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 102253

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.4	2.6	4.0

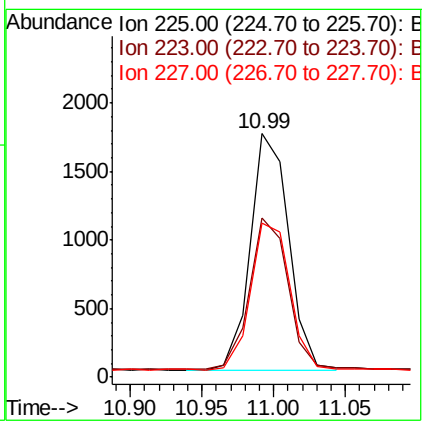


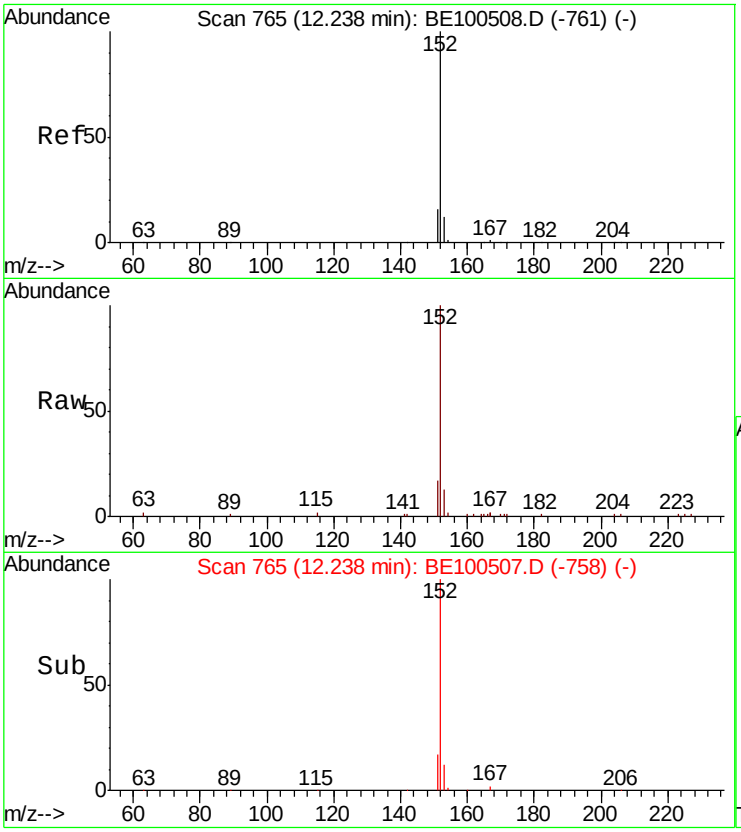


#10
Hexachlorobutadiene
Concen: 0.149 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:225 Resp: 3188

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.0	51.6	77.4



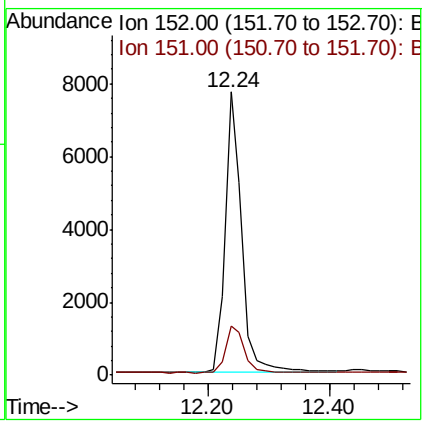


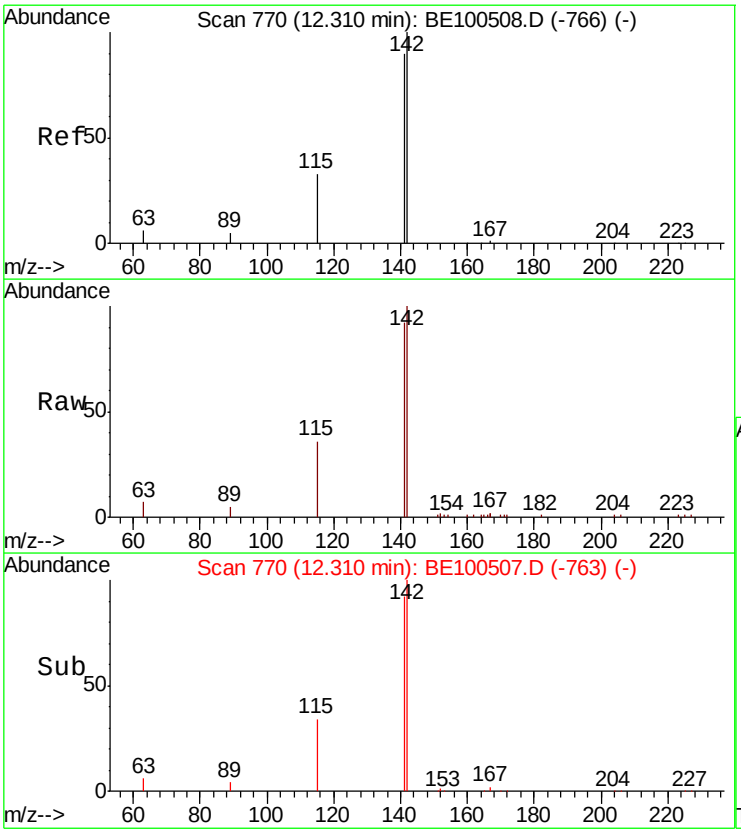
#11
2-Methylnaphthalene-d10
Concen: 0.192 ng
RT: 12.24 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 14807

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

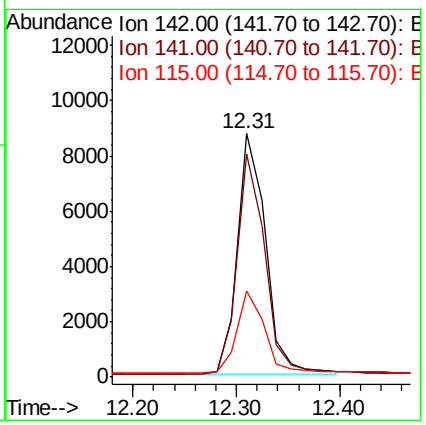


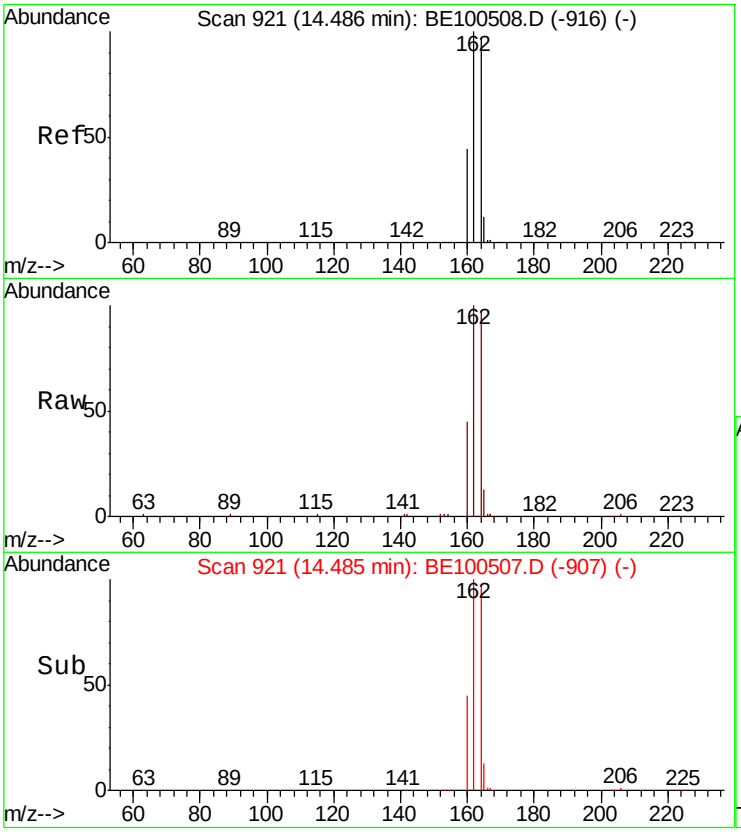


#12
2-Methylnaphthalene
Concen: 0.206 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:142 Resp: 16557

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.1	108.1
115	35.6	27.4	41.2



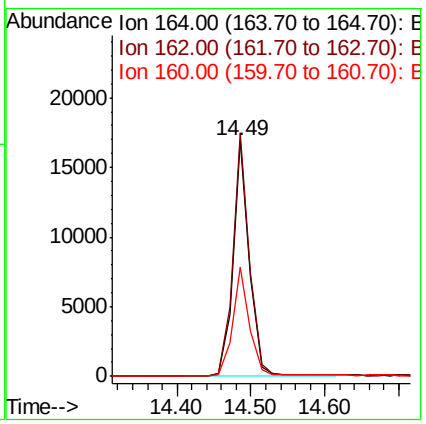


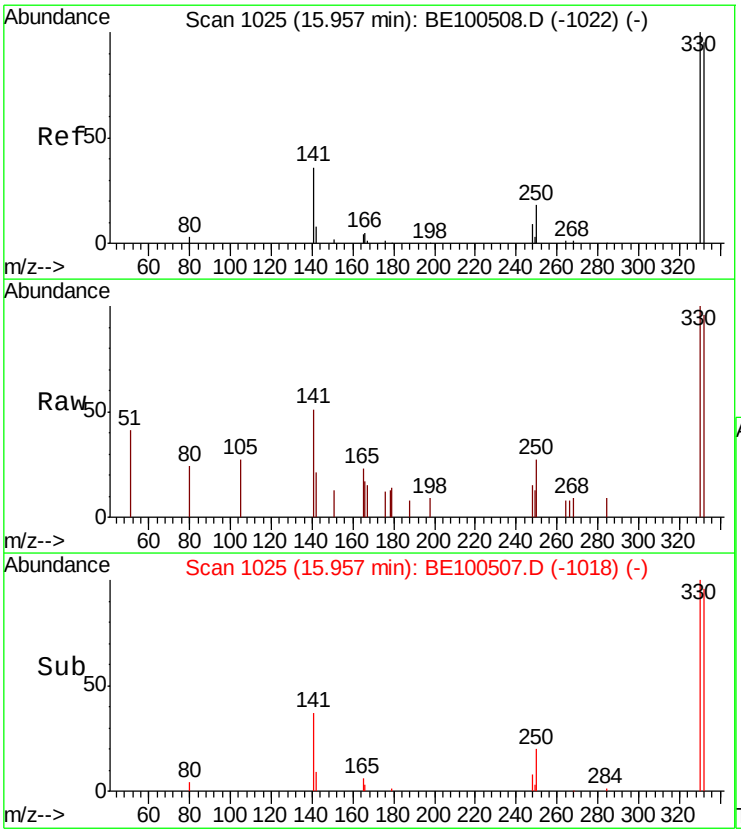
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 25473

Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	46.5	36.8	55.2

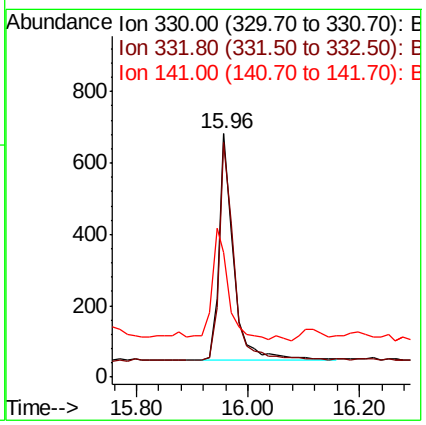


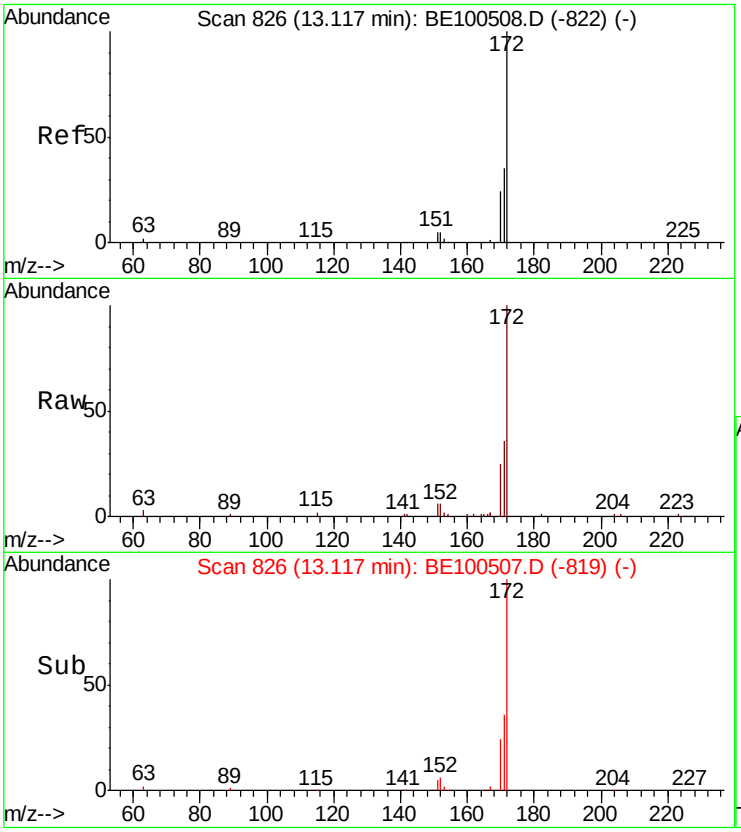


#14
2,4,6-Tribromophenol
Concen: 0.107 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:330 Resp: 1177

Ion	Ratio	Lower	Upper
330	100		
332	96.0	80.2	120.2
141	54.2	43.7	65.5



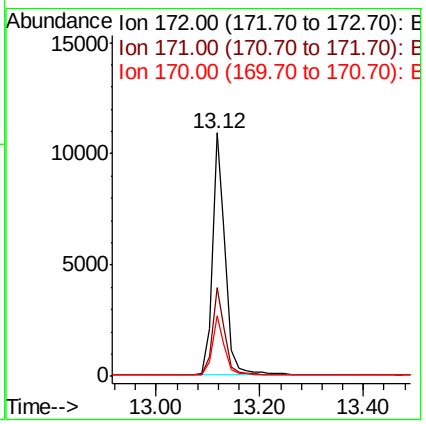


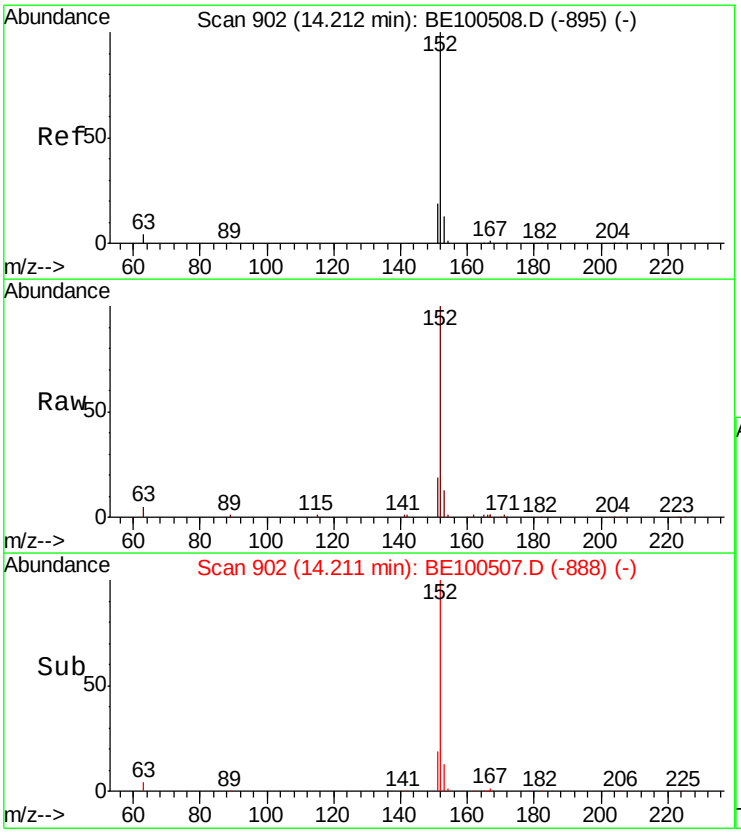
#15
2-Fluorobiphenyl
Concen: 0.184 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 19071

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.8	19.2	28.8

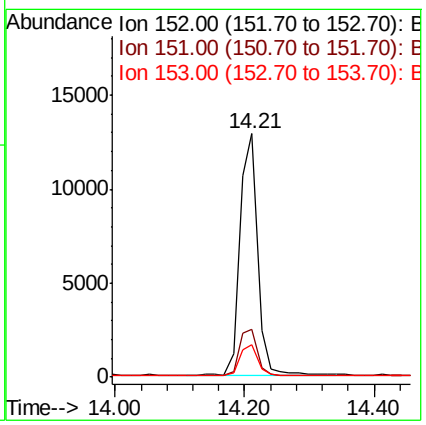


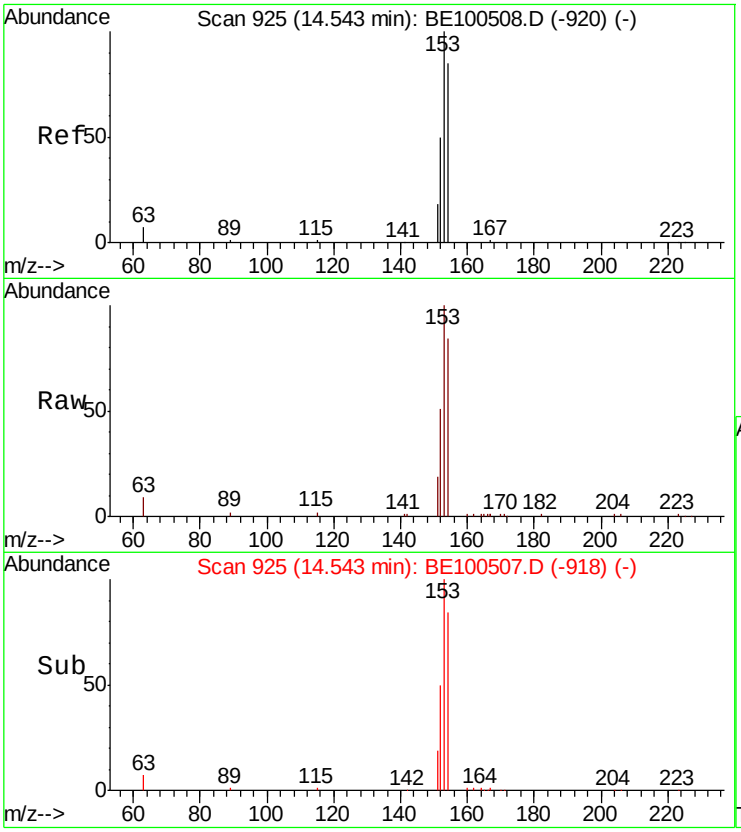


#16
Acenaphthylene
Concen: 0.207 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:152 Resp: 24433

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.2	10.2	15.2



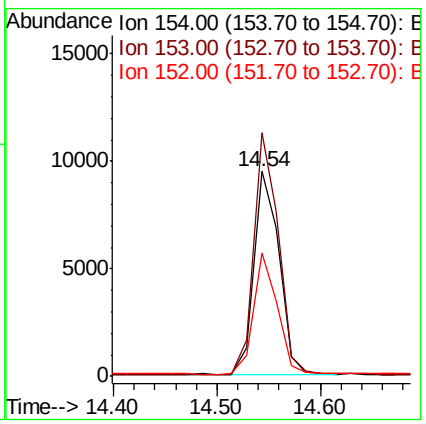


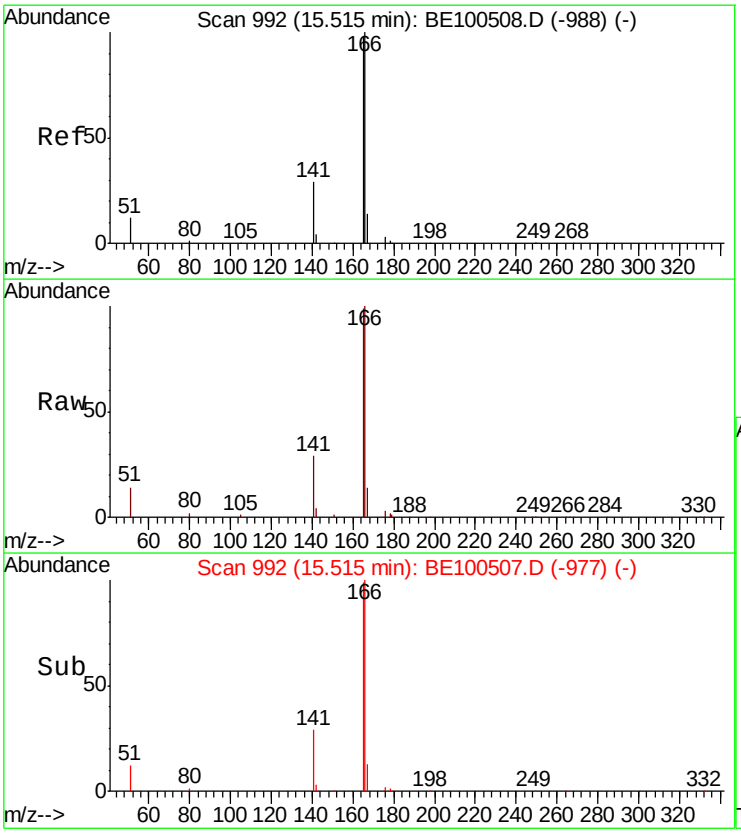
#17
Acenaphthene
Concen: 0.226 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 16045

Ion	Ratio	Lower	Upper
154	100		
153	116.4	91.5	137.3
152	57.0	44.9	67.3

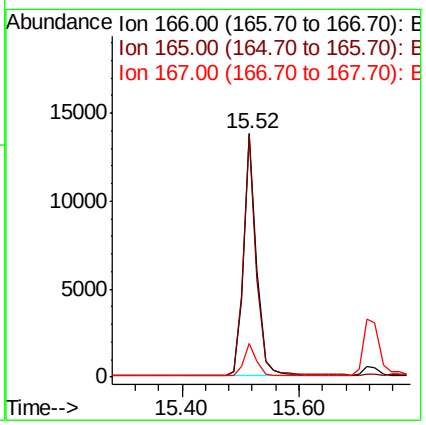


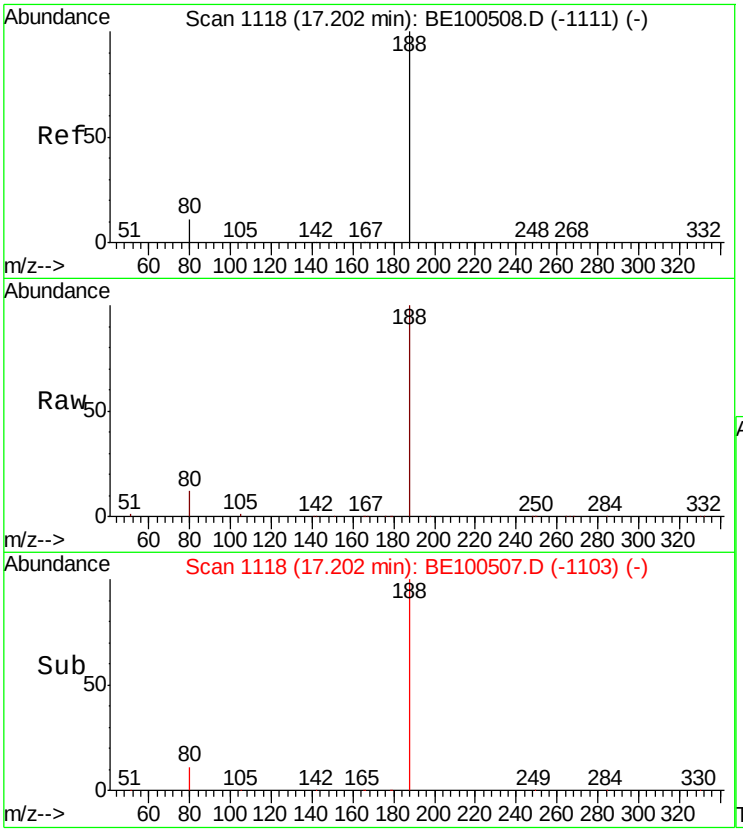


#18
Fluorene
Concen: 0.221 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:166 Resp: 20922

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.9	118.3
167	13.3	10.9	16.3



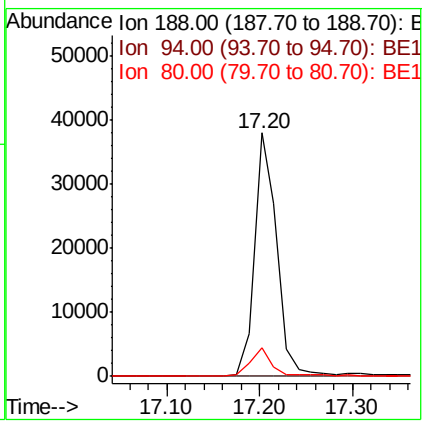


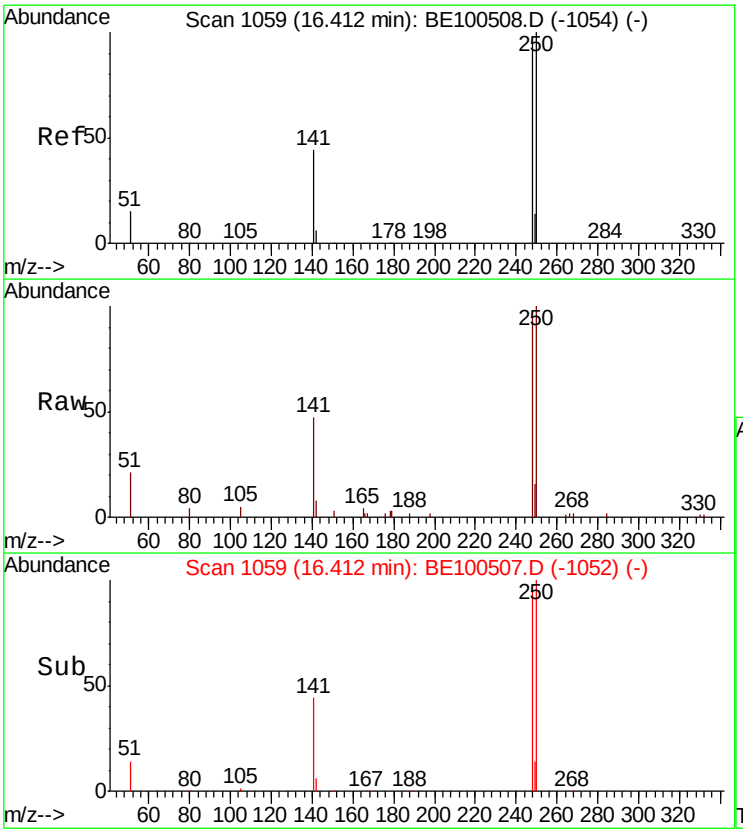
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 62803

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	9.0	13.6

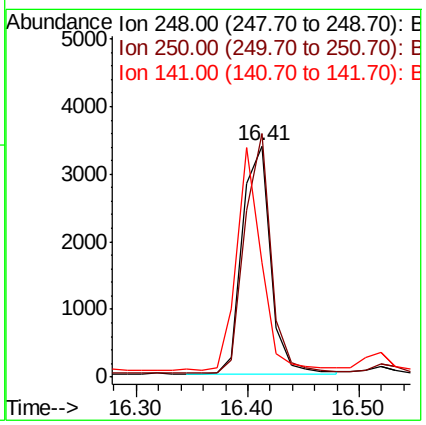


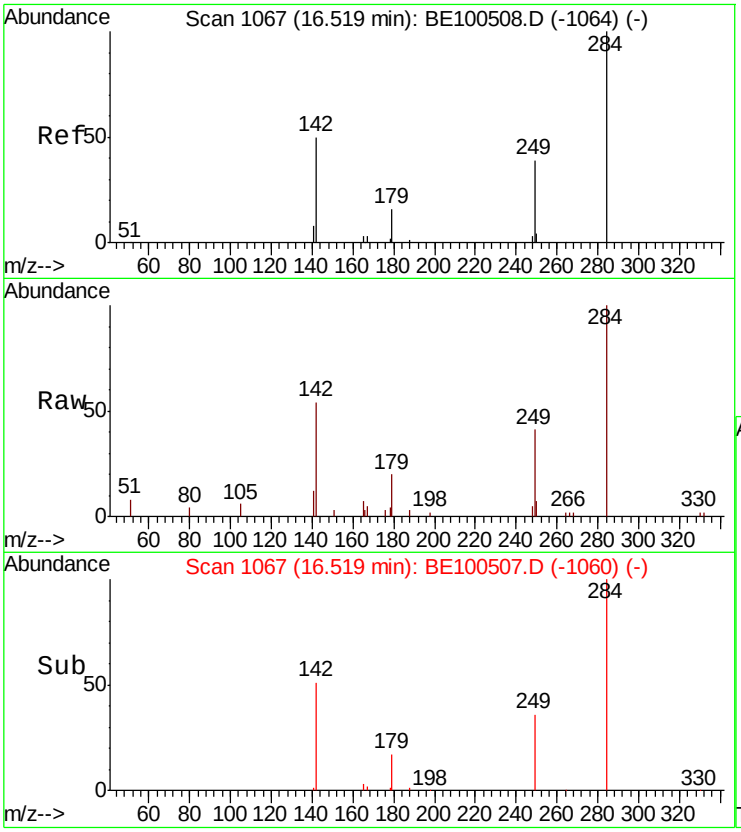


#20
4-Bromophenyl-phenylether
Concen: 0.198 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:248 Resp: 5927

Ion	Ratio	Lower	Upper
248	100		
250	105.4	83.0	124.4
141	49.3	38.0	57.0



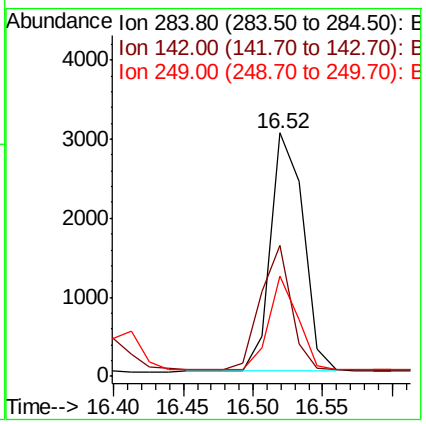


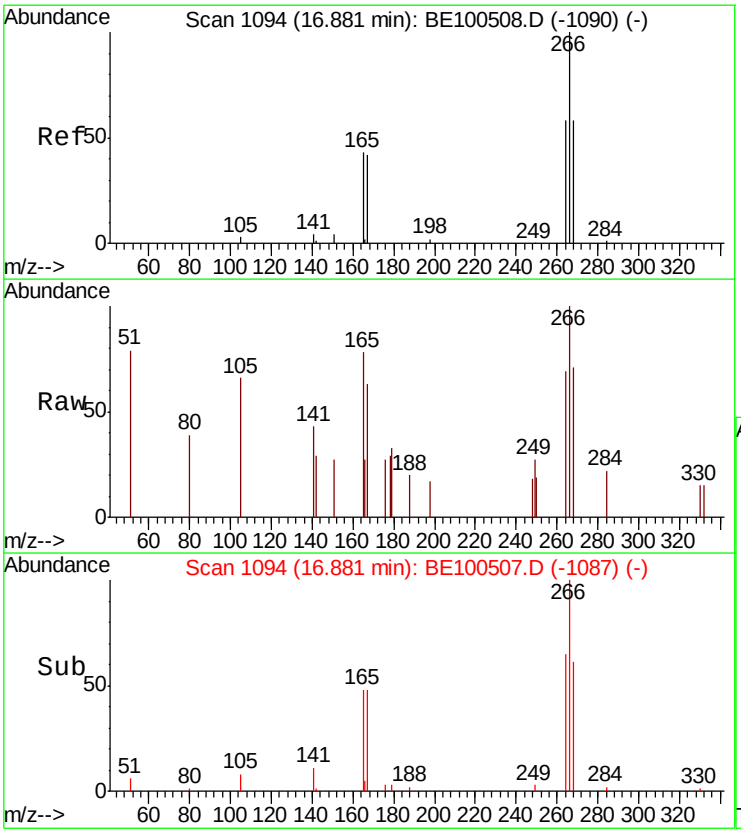
#21
Hexachlorobenzene
Concen: 0.161 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 4960

Ion	Ratio	Lower	Upper
284	100		
142	48.6	38.2	57.4
249	35.0	28.8	43.2

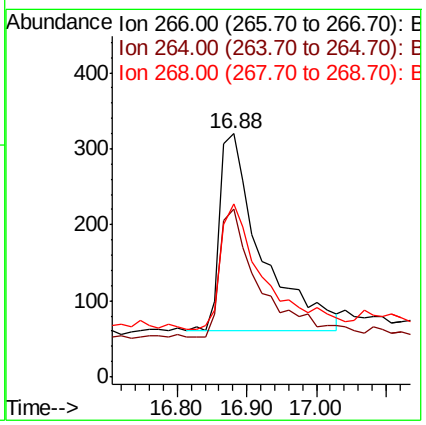


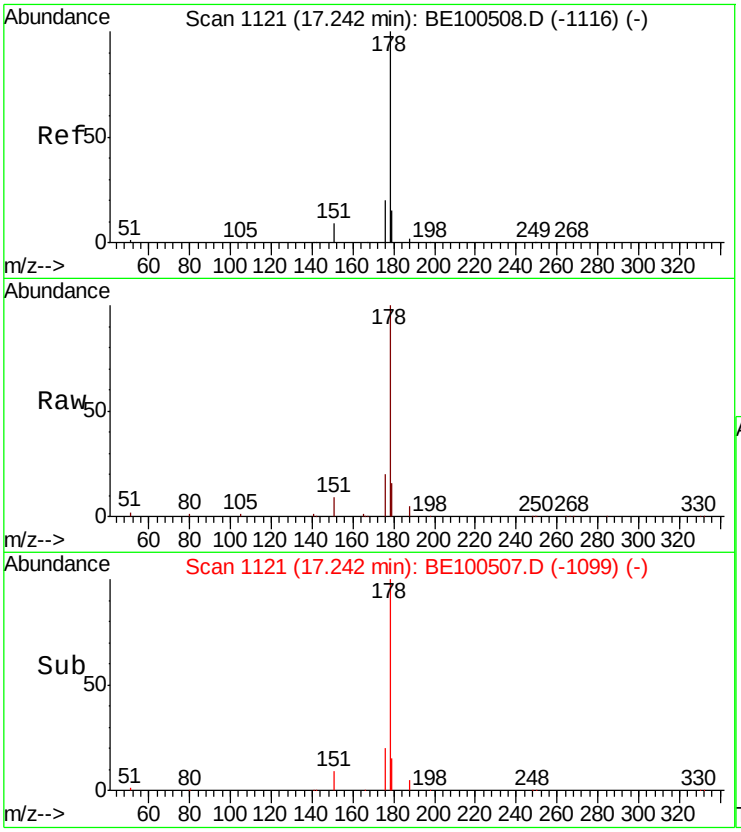


#22
Pentachlorophenol
Concen: 0.082 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:266 Resp: 1066

Ion	Ratio	Lower	Upper
266	100		
264	69.1	48.6	73.0
268	70.9	52.3	78.5



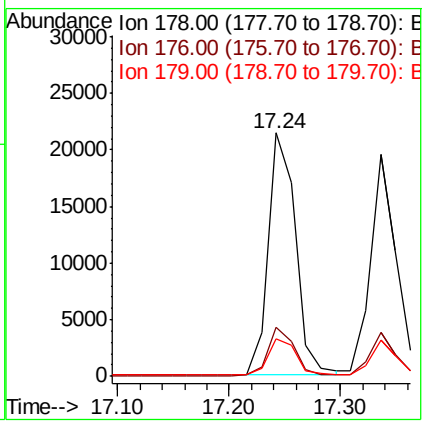


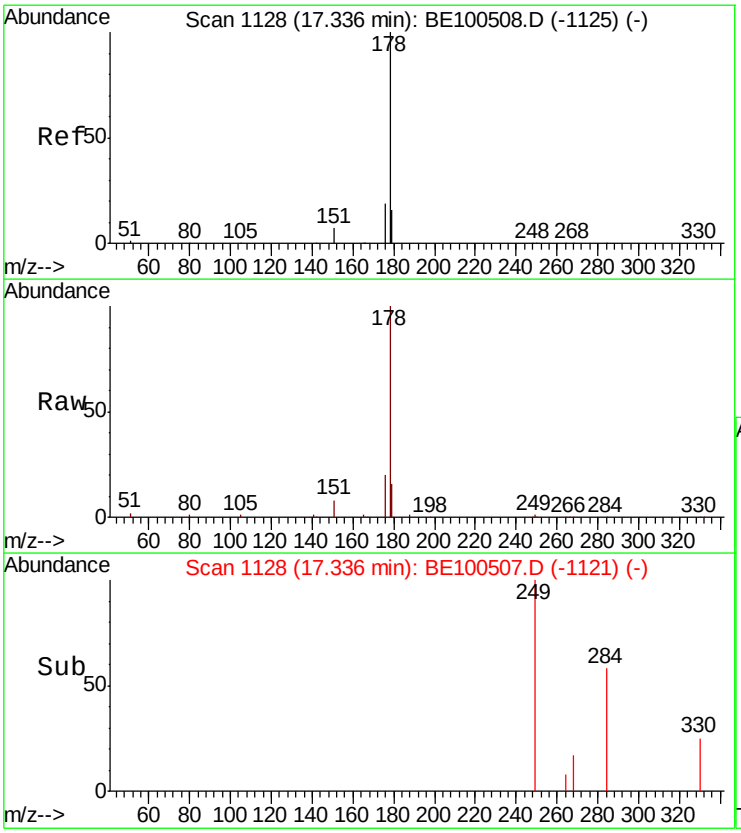
#23
Phenanthrene
Concen: 0.240 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 36864

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.4	18.6

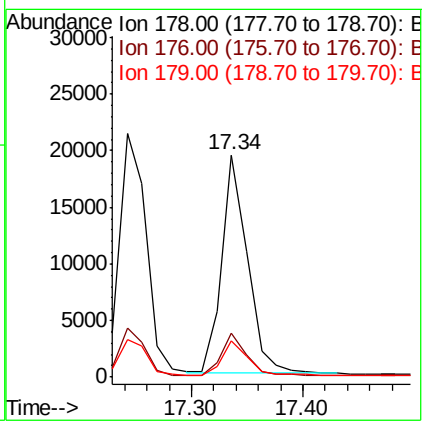


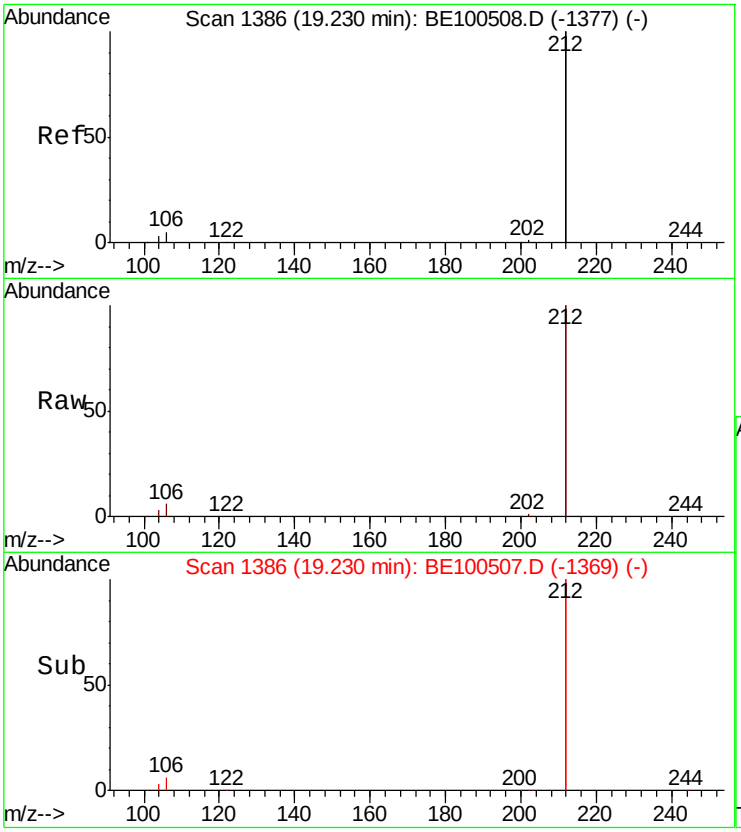


#24
Anthracene
Concen: 0.213 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:178 Resp: 31155

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	12.4	18.6



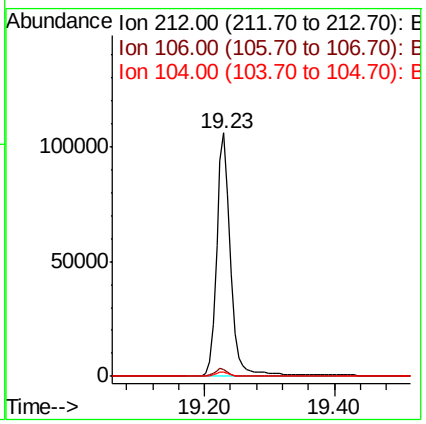


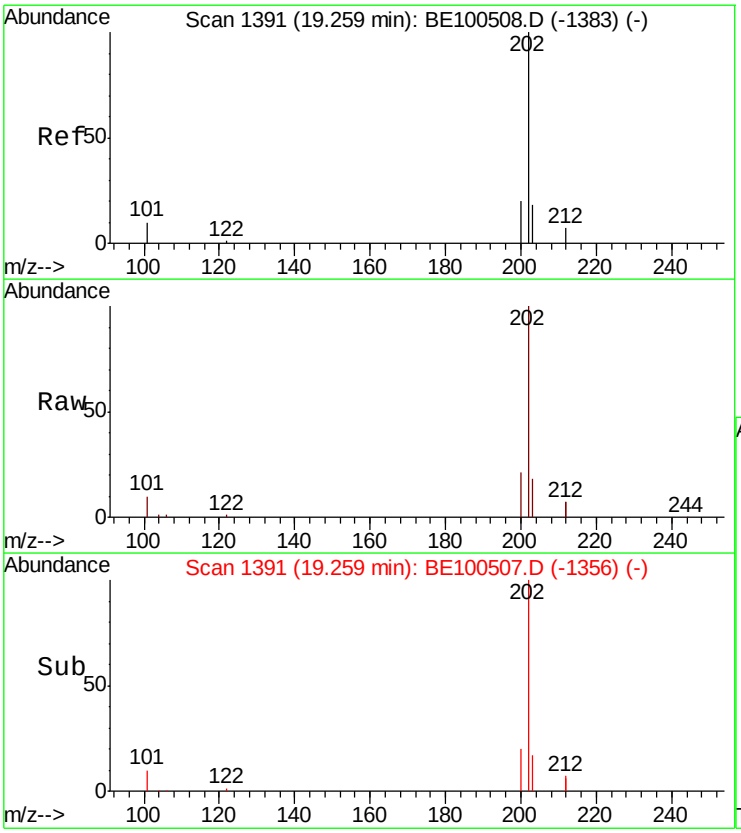
#25
Fluoranthene-d10
Concen: 0.184 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 158619

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.4	3.6
104	1.7	1.4	2.0

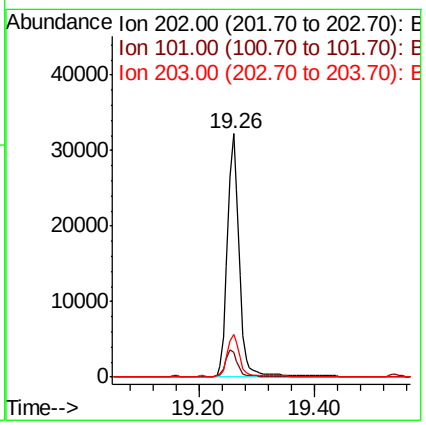


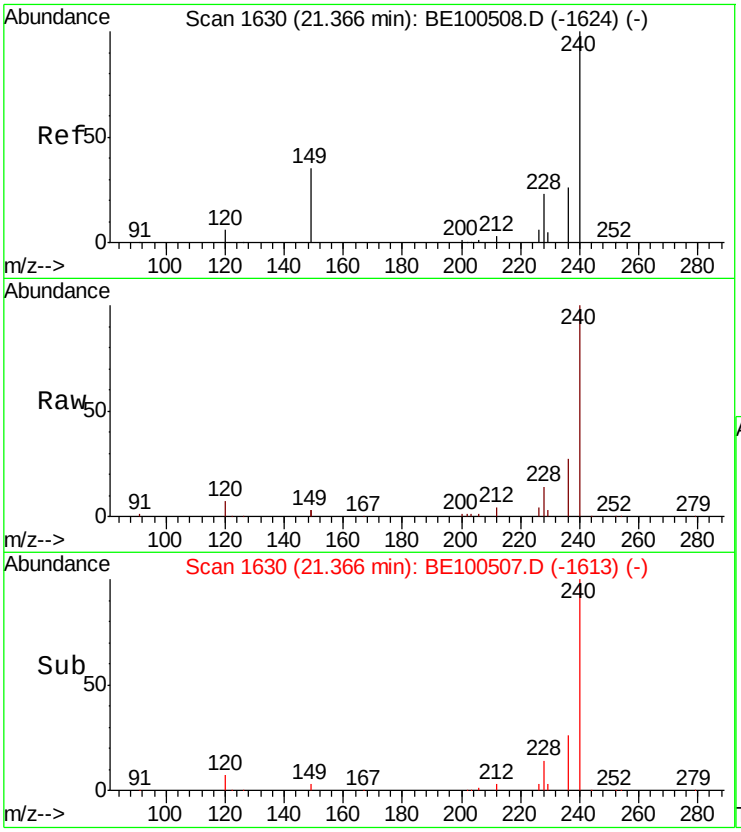


#26
Fluoranthene
Concen: 0.207 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:202 Resp: 45876

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.8	13.2
203	16.8	13.8	20.8



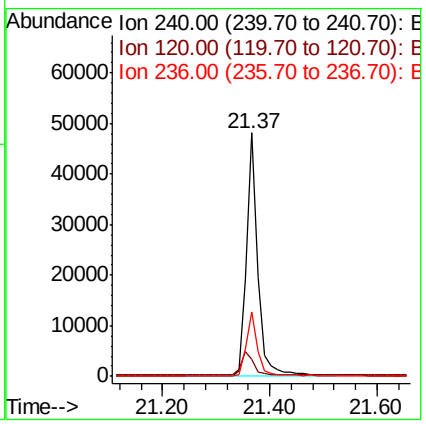


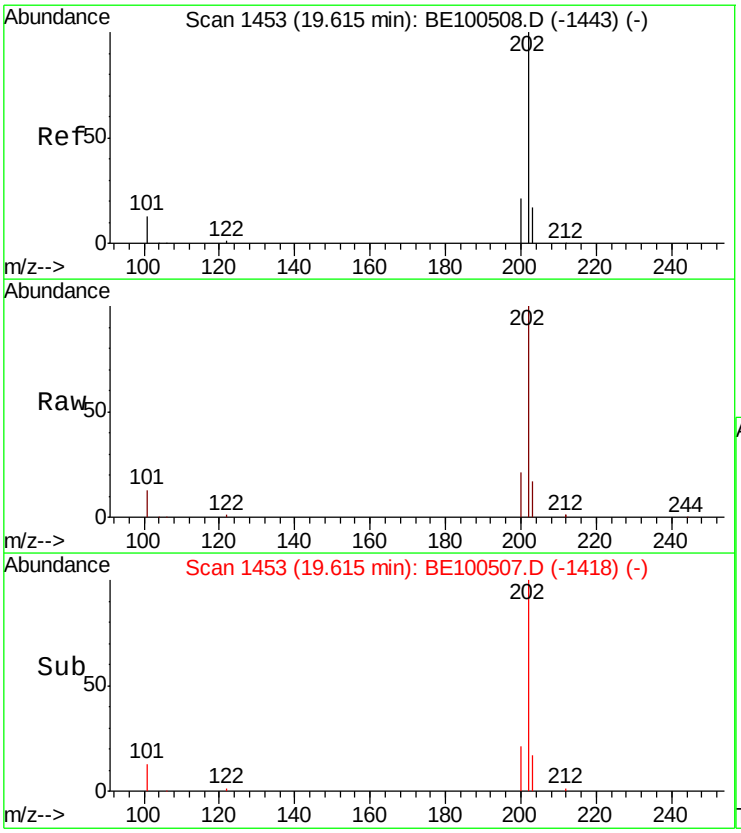
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 71730

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.1	7.7
236	26.5	20.9	31.3

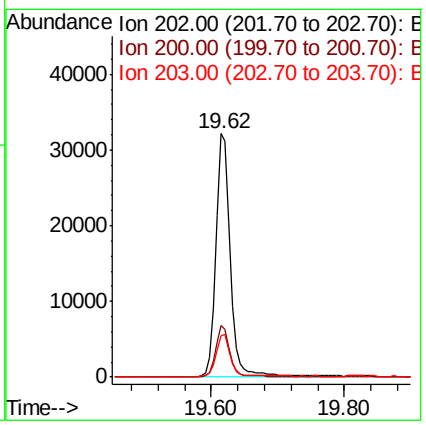


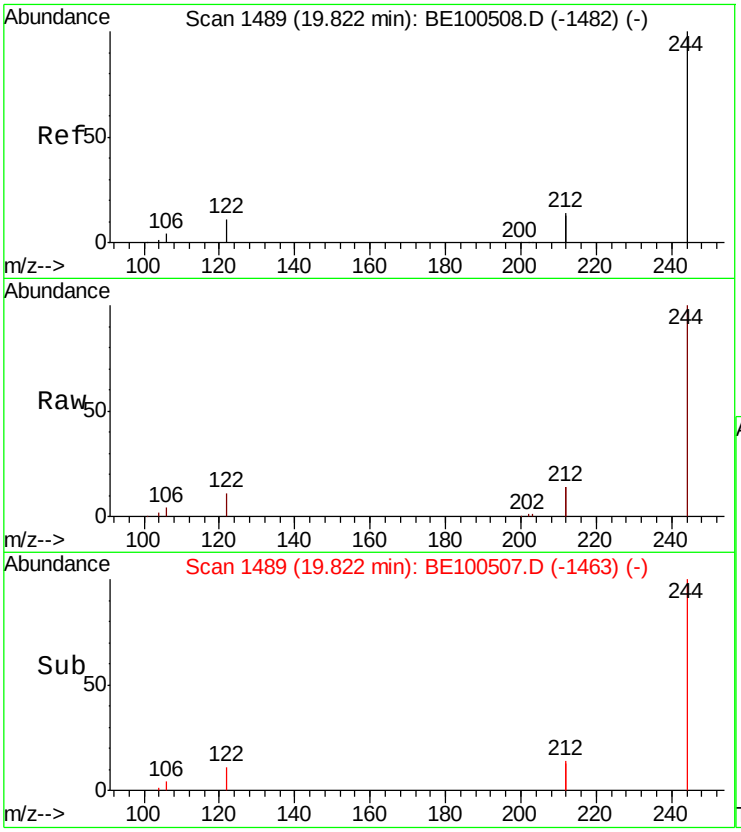


#28
Pyrene
Concen: 0.212 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:202 Resp: 47342

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.5	13.9	20.9



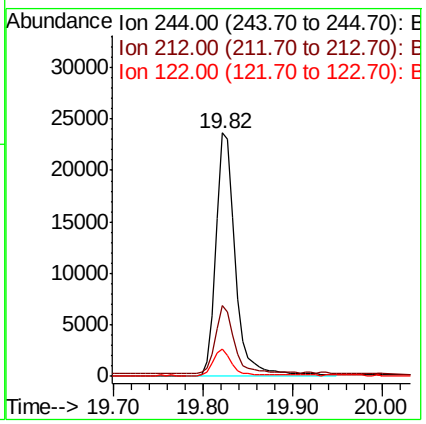


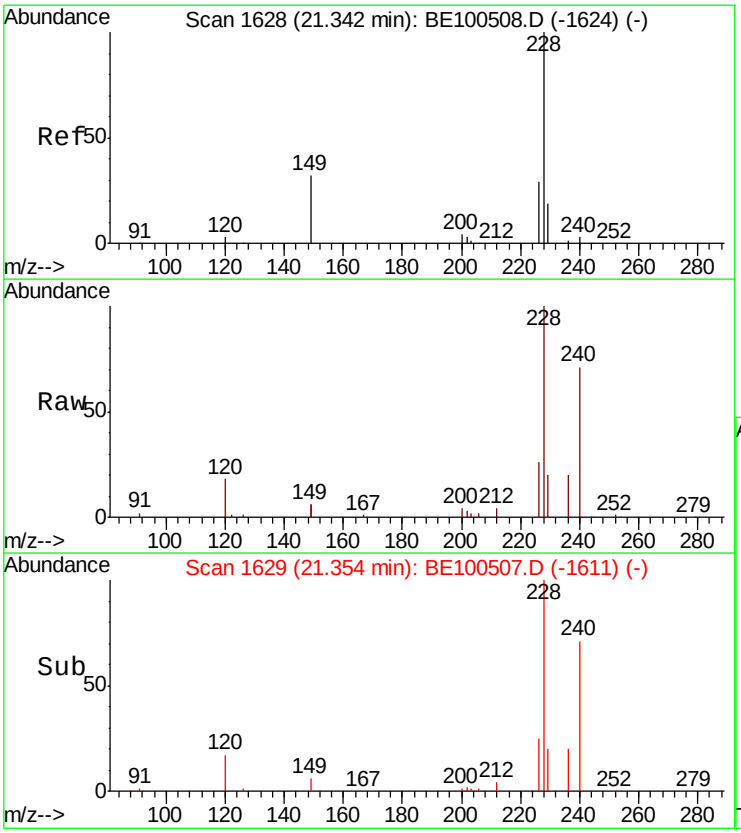
#29
Terphenyl-d14
Concen: 0.202 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 35785

Ion	Ratio	Lower	Upper
244	100		
212	28.9	22.8	34.2
122	11.4	9.0	13.4

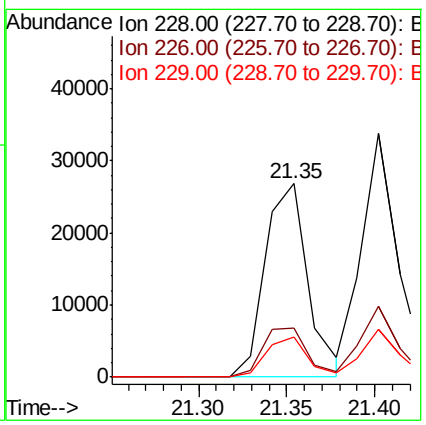


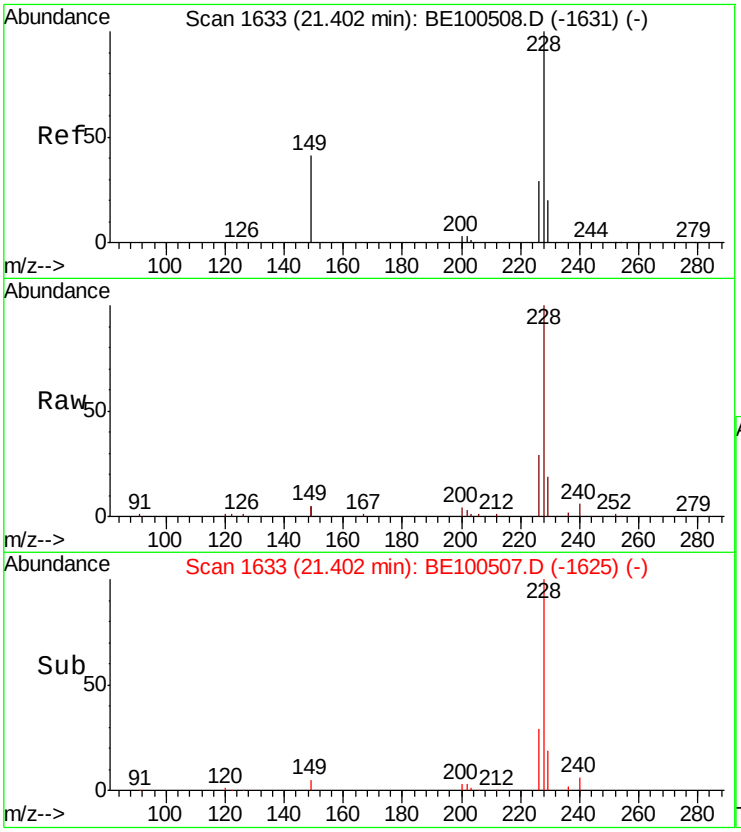


#30
Benzo(a)anthracene
Concen: 0.205 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:228 Resp: 44973

Ion	Ratio	Lower	Upper
228	100		
226	25.6	23.1	34.7
229	20.4	15.3	22.9



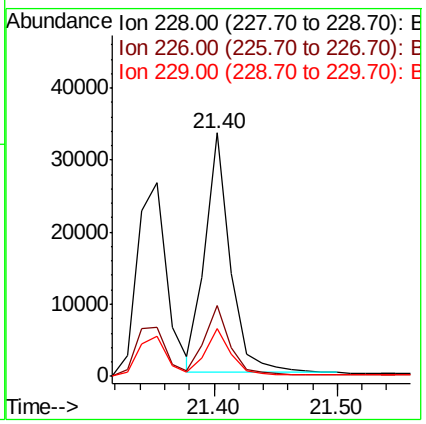


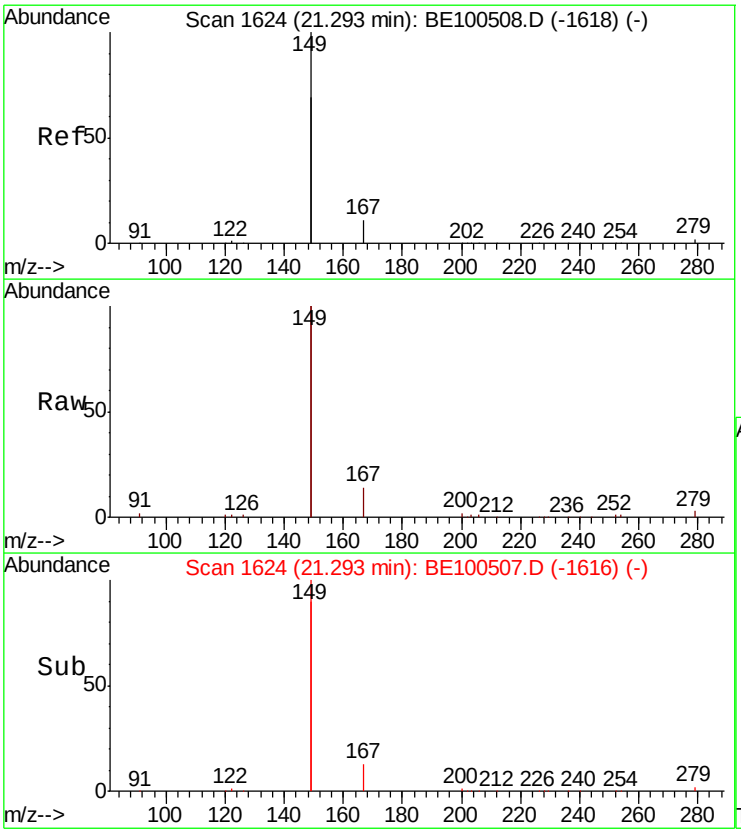
#31
Chrysene
Concen: 0.219 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 47359

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	19.5	15.8	23.8

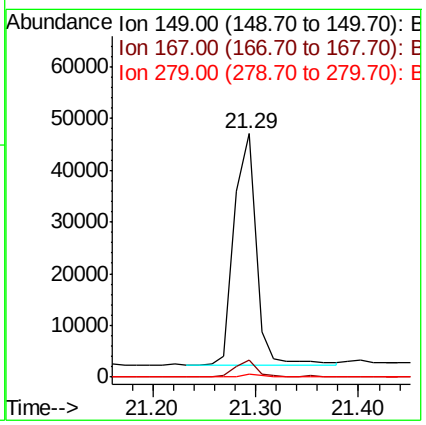


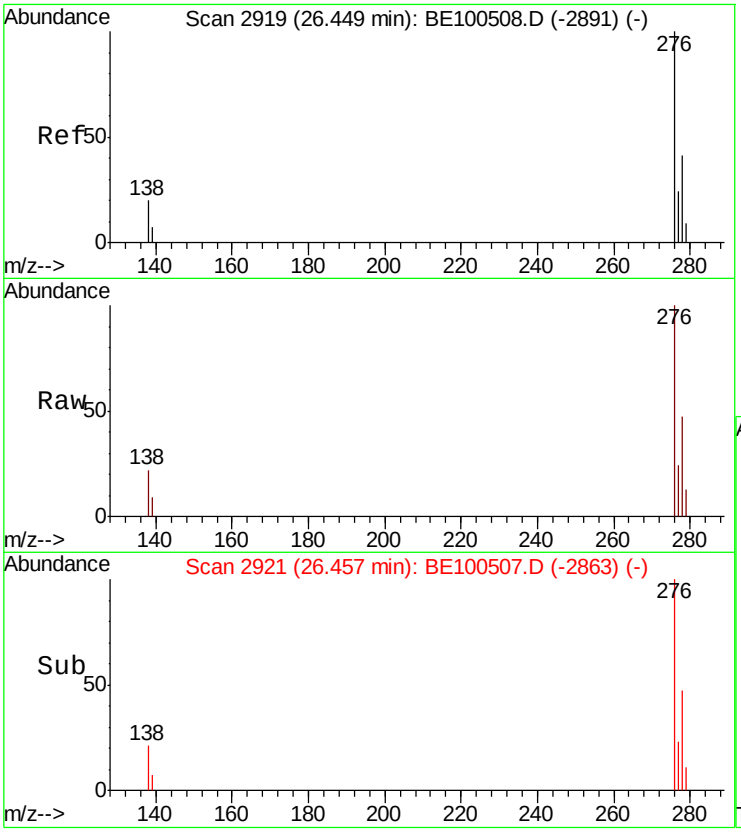


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.131 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:149 Resp: 65949

Ion	Ratio	Lower	Upper
149	100		
167	6.3	3.5	5.3#
279	1.2	0.6	0.8#



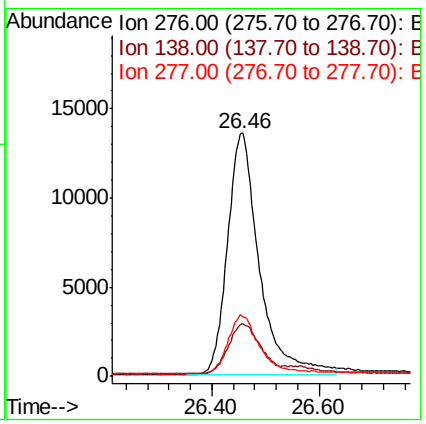


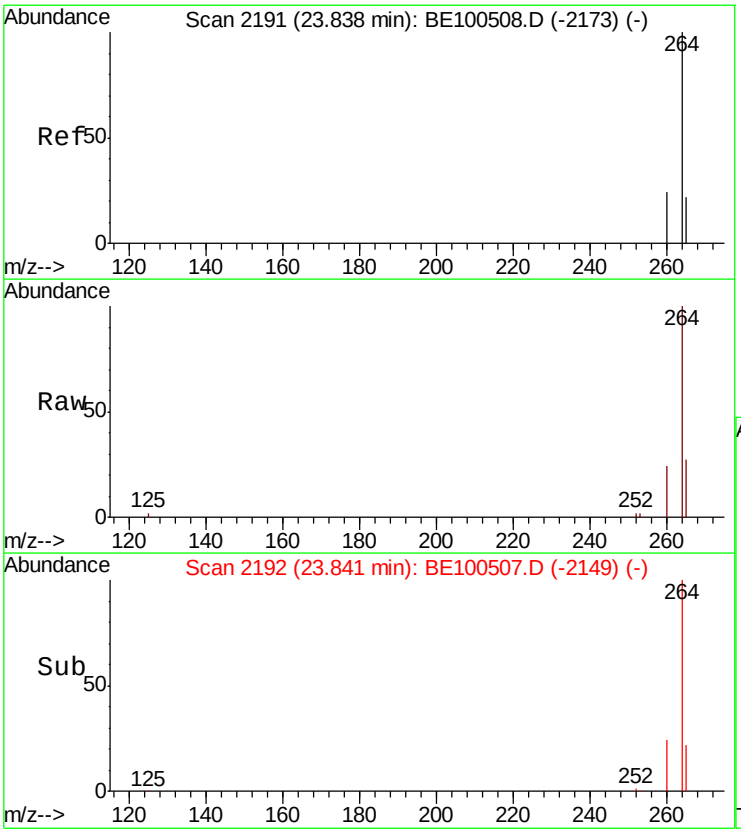
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.238 ng
RT: 26.46 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 56040

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.8	26.8
277	24.5	19.0	28.6

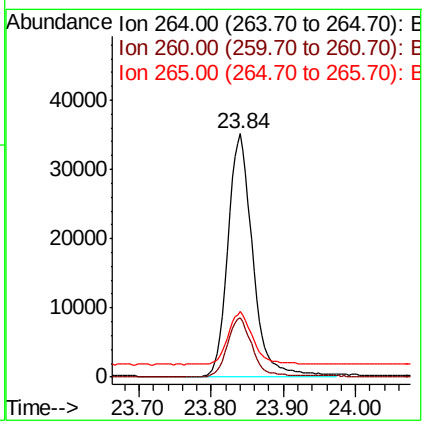


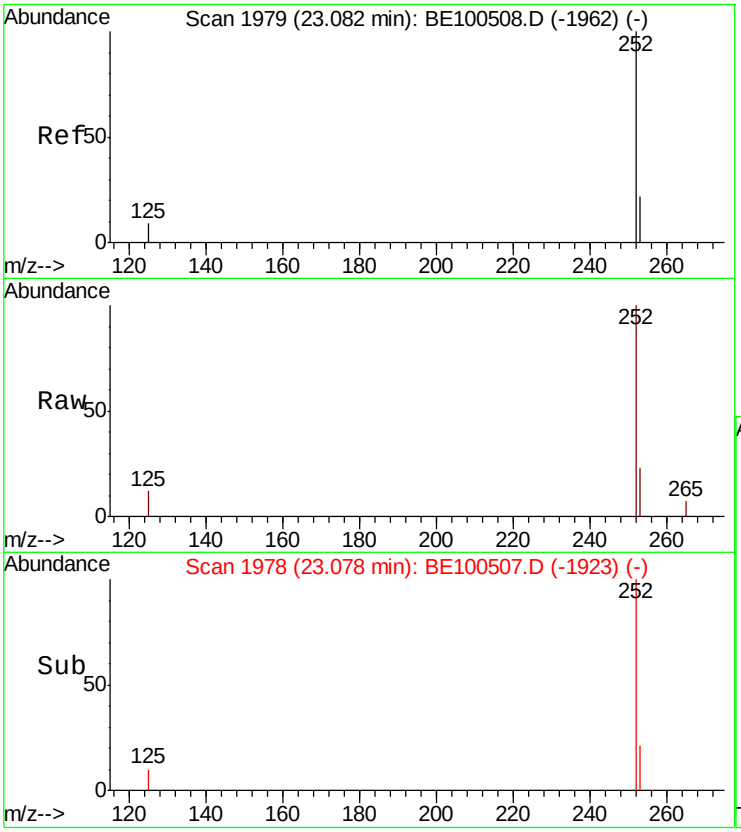


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:264 Resp: 81884

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	26.8	23.0	34.4



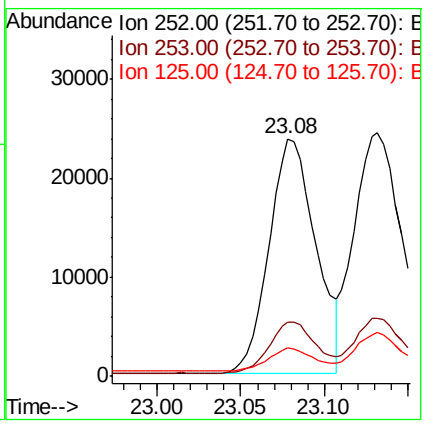


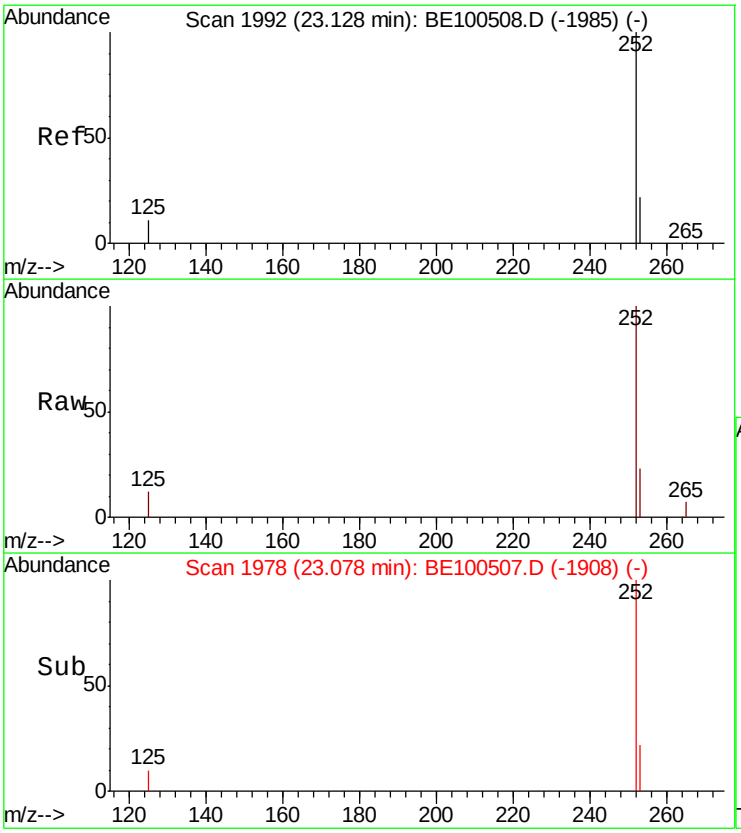
#35
Benzo(b)fluoranthene
Concen: 0.207 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 46437

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	12.0	8.6	13.0

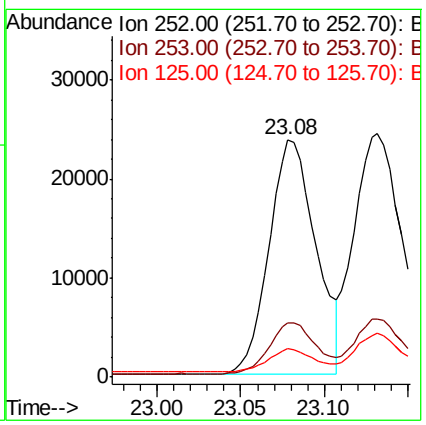


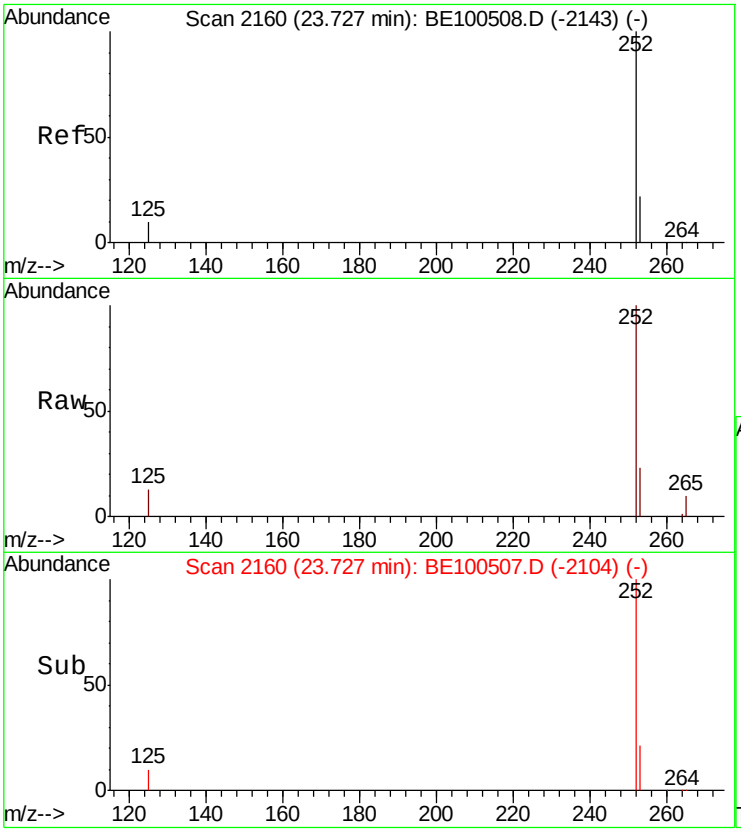


#36
Benzo(k)fluoranthene
Concen: 0.198 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.05 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:252 Resp: 46437

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.0	9.3	13.9



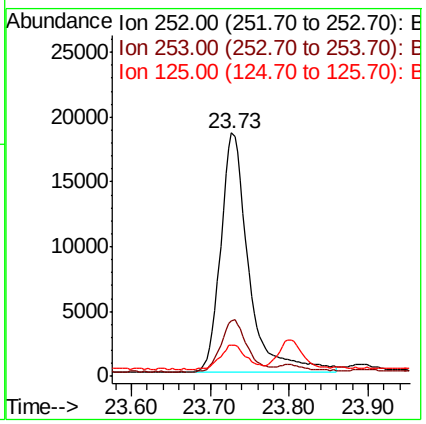


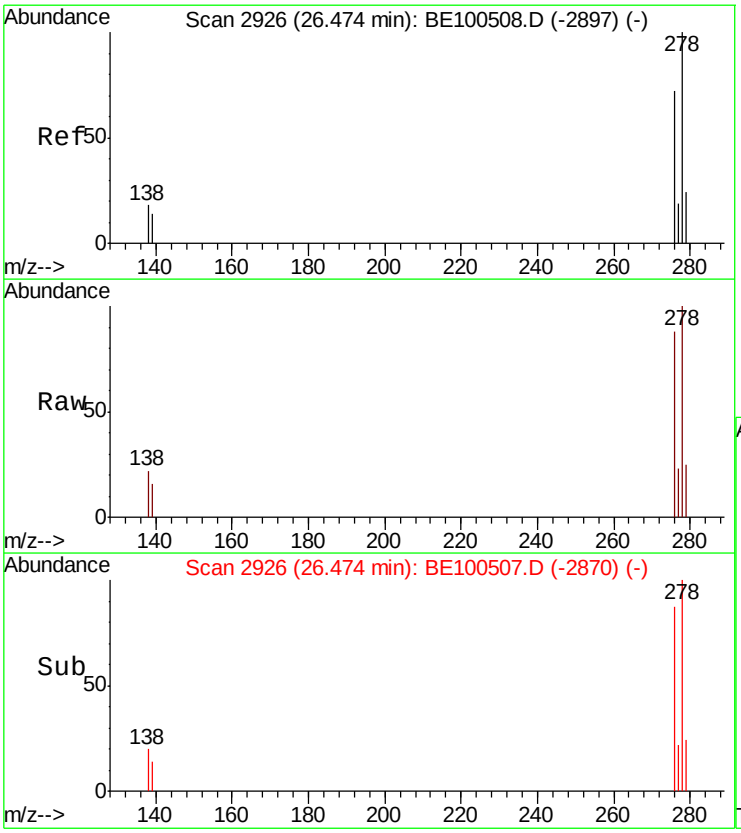
#37
Benzo(a)pyrene
Concen: 0.208 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 45366

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	12.9	9.7	14.5

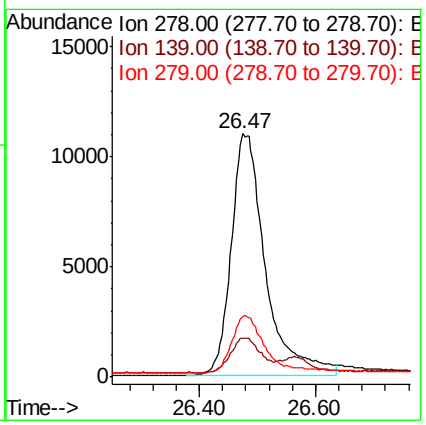


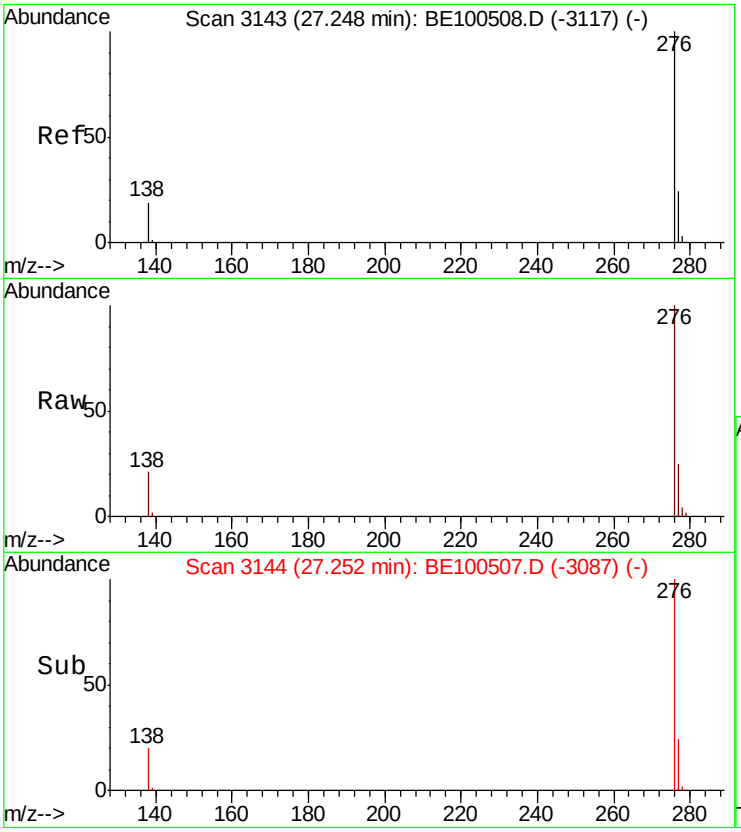


#38
Dibenzo(a,h)anthracene
Concen: 0.218 ng
RT: 26.47 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:278 Resp: 44827

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.1	18.1
279	25.1	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.228 ng
RT: 27.25 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 48135

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	21.0	16.0	24.0