Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100508.D
Acq On : 18 Sep 2019 15:42
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Sep 18 17:10:38 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	7452	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	33982	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	19574	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	45873	0.40	ng	0.00
27) Chrysene-d12	21.37	240	55502	0.40	ng	0.00
34) Perylene-d12	23.84	264	61530	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	8795	0.48	ng	0.00
5) Phenol-d6	7.02	99	11205	0.43	ng	0.00
8) Nitrobenzene-d5	9.00	82	6754	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	22041	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1394	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	28470	0.36	ng	0.00
25) Fluoranthene-d10	19.23	212	239733	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	52275	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	5134	0.458	ng	100
3) n-Nitrosodimethylamine	3.67	42	2761	0.405	ng	100
6) bis(2-Chloroethyl)ether	7.29	93	10898	0.489	ng	100
9) Naphthalene	10.69	128	152775	0.468	ng	100
10) Hexachlorobutadiene	10.99	225	4831	0.310	ng	100
12) 2-Methylnaphthalene	12.31	142	24682	0.420	ng	100
16) Acenaphthylene	14.21	152	37534	0.415	ng	100
17) Acenaphthene	14.54	154	23974	0.440	ng	100
18) Fluorene	15.52	166	30825	0.424	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	9042	0.414	ng	100
21) Hexachlorobenzene	16.52	284	7412	0.330	ng	100
22) Pentachlorophenol	16.88	266	1470	0.155	ng	100
23) Phenanthrene	17.24	178	53865	0.479	ng	100
24) Anthracene	17.34	178	46459	0.434	ng	100
26) Fluoranthene	19.26	202	67890	0.419	ng	100
28) Pyrene	19.61	202	69847	0.404	ng	100
30) Benzo(a)anthracene	21.34	228	70426	0.416	ng	100
31) Chrysene	21.40	228	73644	0.440	ng	100
32) Bis(2-ethylhexyl)phthalate	21.29	149	204710	0.526	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	84992	0.466	ng	100
35) Benzo(b)fluoranthene	23.08	252	70939	0.421	ng	100
36) Benzo(k)fluoranthene	23.13	252	81924	0.464	ng	100
37) Benzo(a)pyrene	23.73	252	69597	0.425	ng	100
38) Dibenzo(a,h)anthracene	26.47	278	69307	0.448	ng	100
39) Benzo(g,h,i)perylene	27.25	276	72627	0.459	ng	100

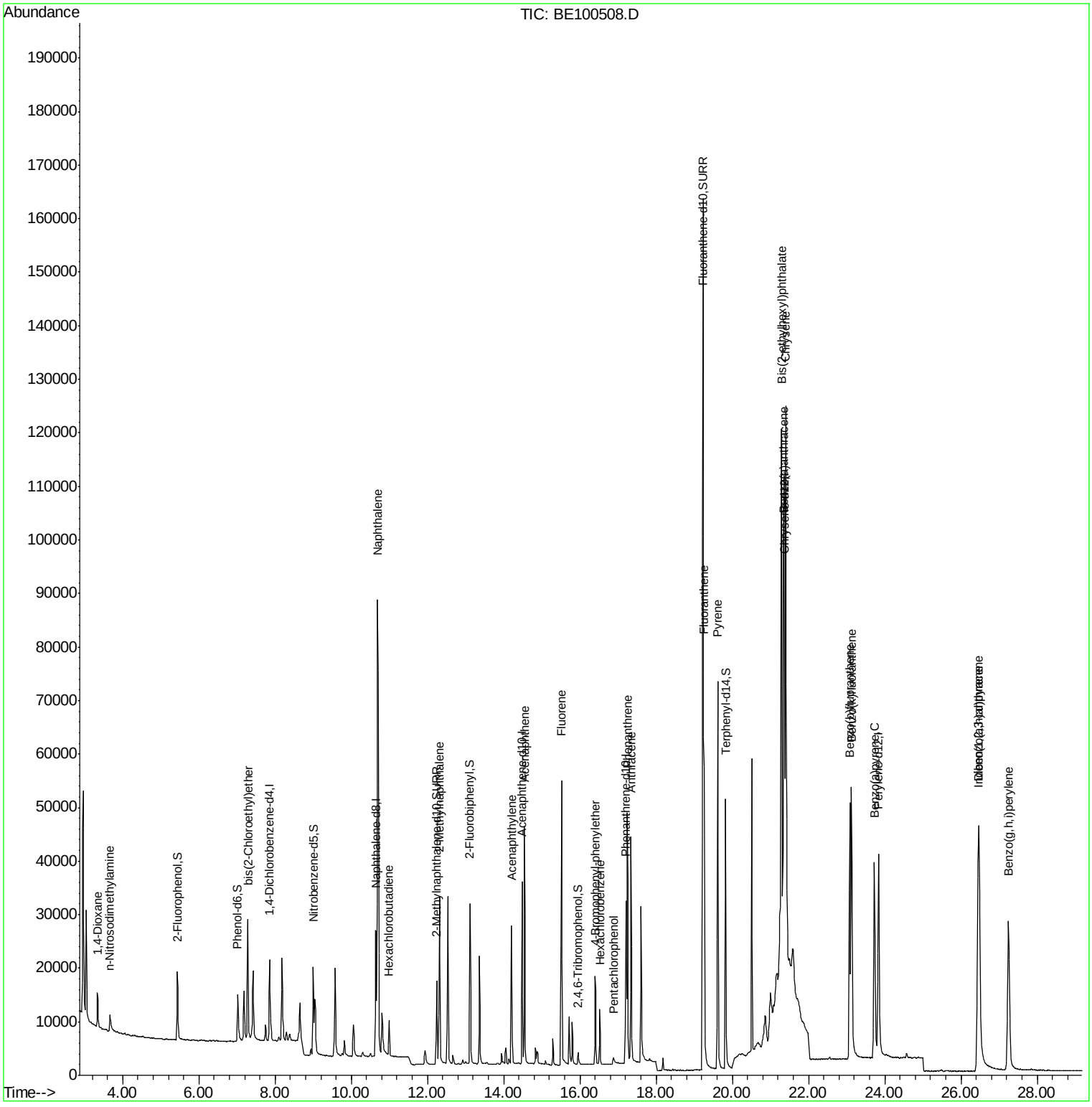
(#) = qualifier out of range (m) = manual integration (+) = signals summed

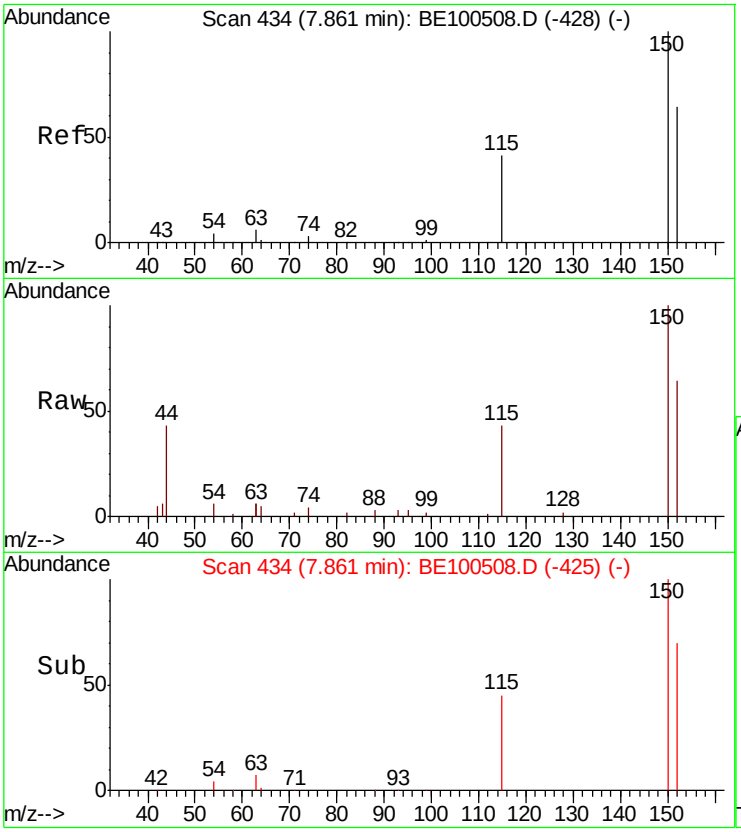
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100508.D
Acq On : 18 Sep 2019 15:42
Operator : HP/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 18 17:10:38 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



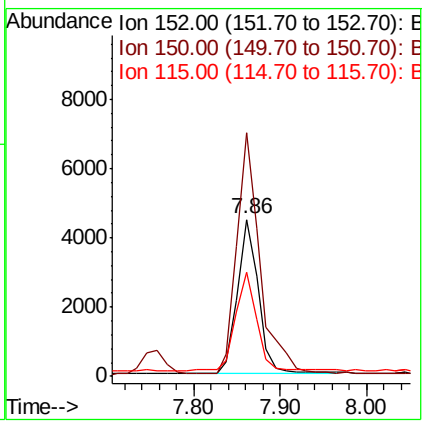


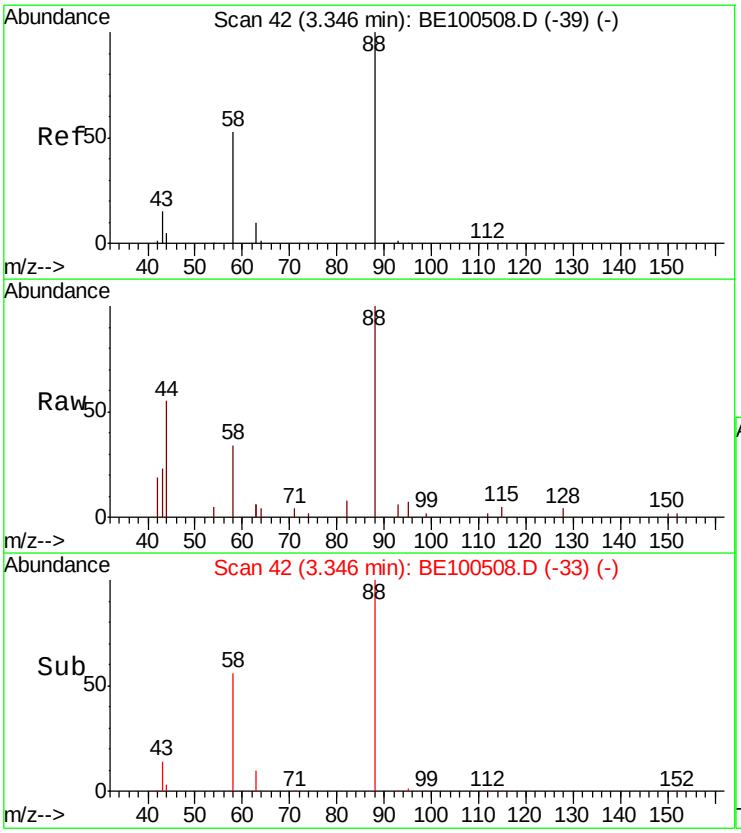
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 7452

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	66.3	53.0	79.6

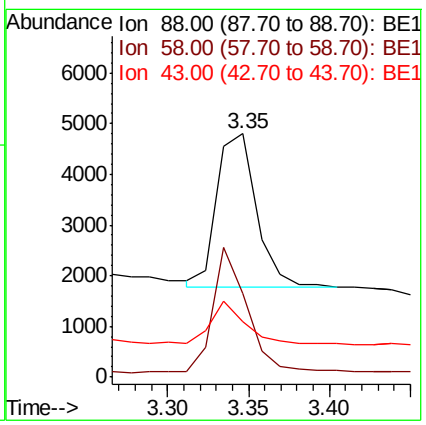


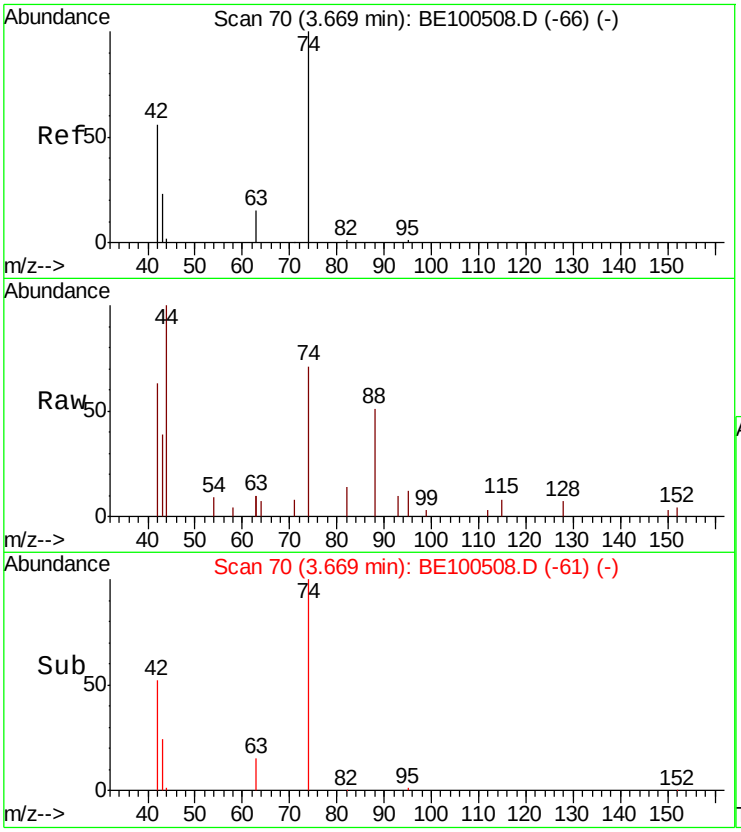


#2
1,4-Dioxane
Concen: 0.458 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion: 88 Resp: 5134

Ion	Ratio	Lower	Upper
88	100		
58	70.2	56.2	84.2
43	24.0	19.2	28.8



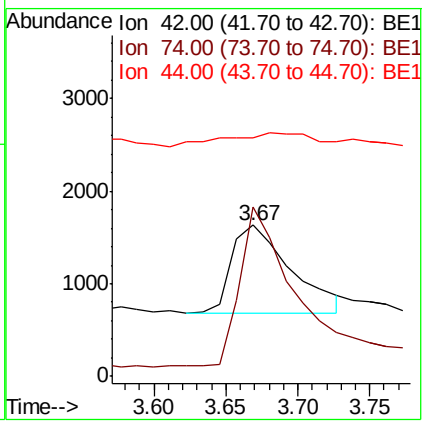


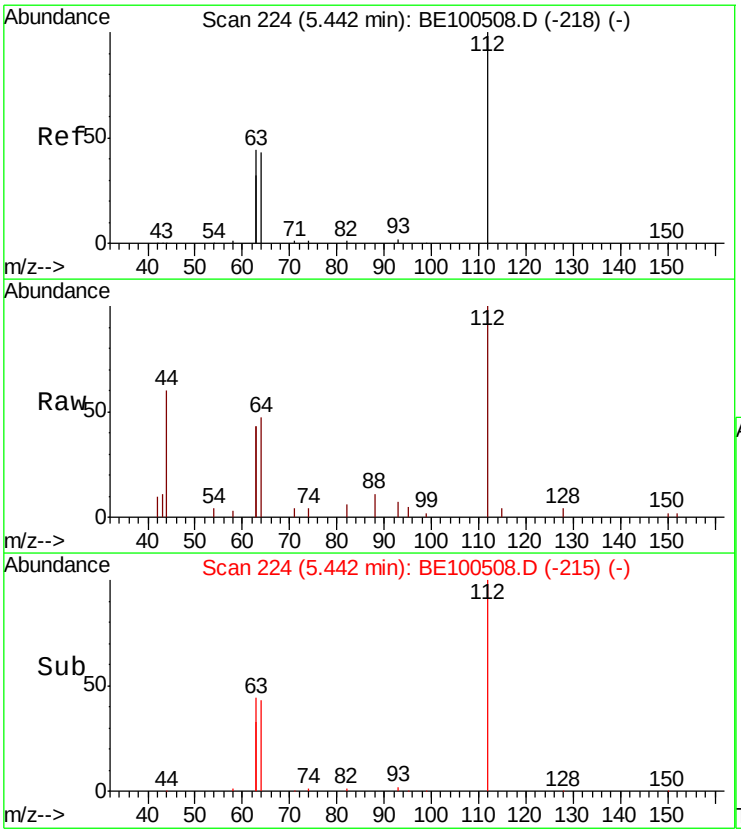
#3
n-Nitrosodimethylamine
Concen: 0.405 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 2761

Ion	Ratio	Lower	Upper
42	100		
74	159.0	127.2	190.8
44	22.8	18.2	27.4

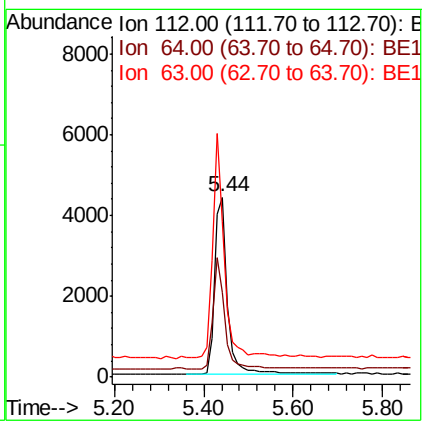


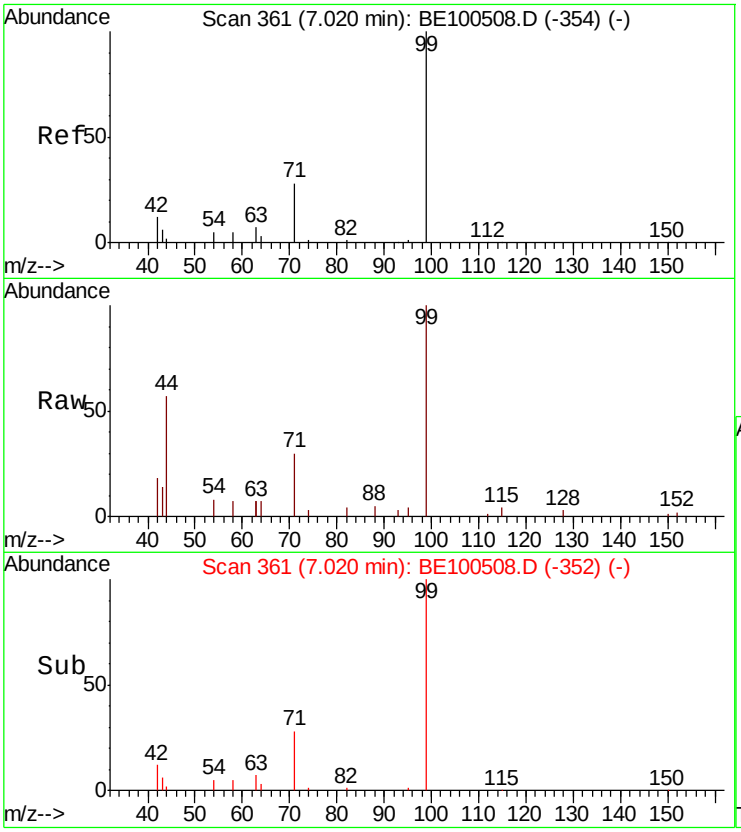


#4
2-Fluorophenol
Concen: 0.484 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:112 Resp: 8795

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.2	69.2
63	109.3	88.2	132.4



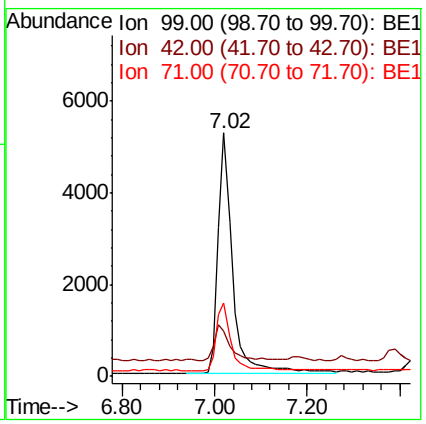


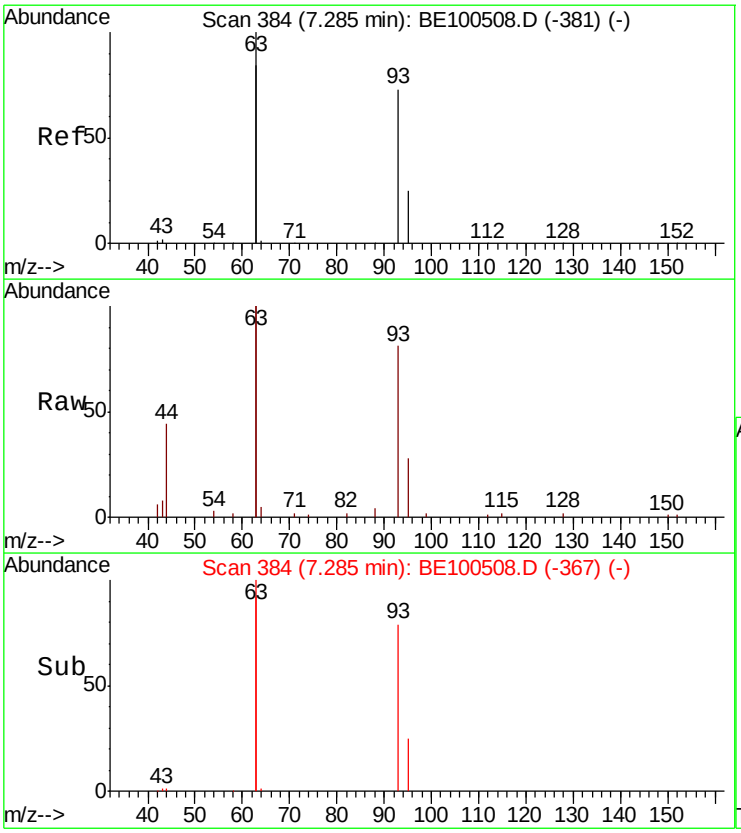
#5
Phenol-d6
Concen: 0.431 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 11205

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.0	18.0
71	28.4	22.7	34.1

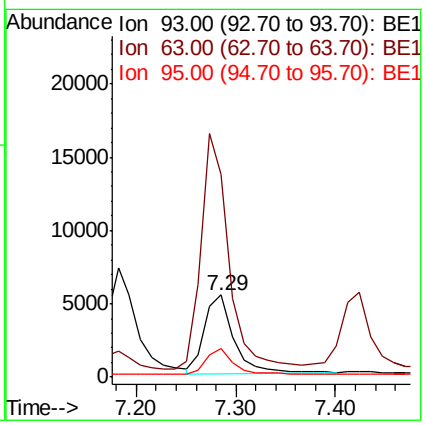


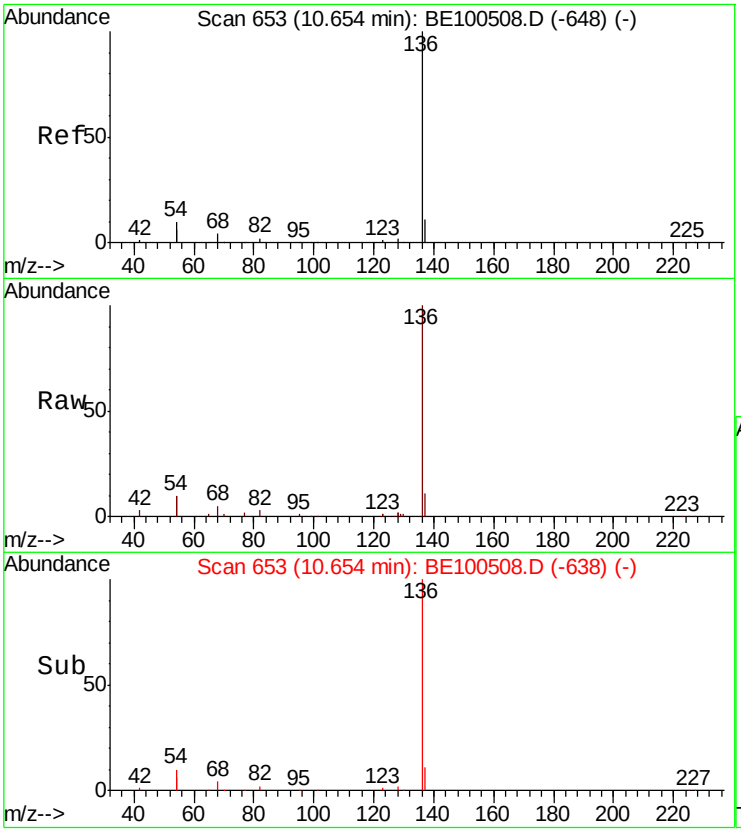


#6
bis(2-Chloroethyl)ether
Concen: 0.489 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion: 93 Resp: 10898

Ion	Ratio	Lower	Upper
93	100		
63	285.4	228.3	342.5
95	30.7	24.6	36.8



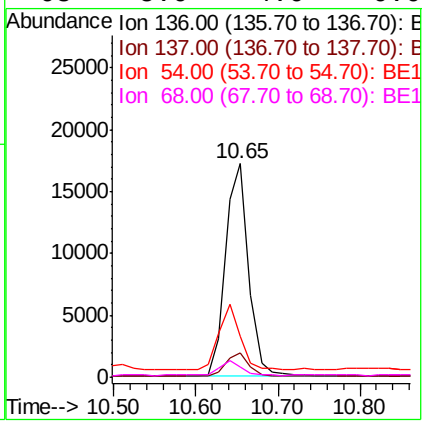


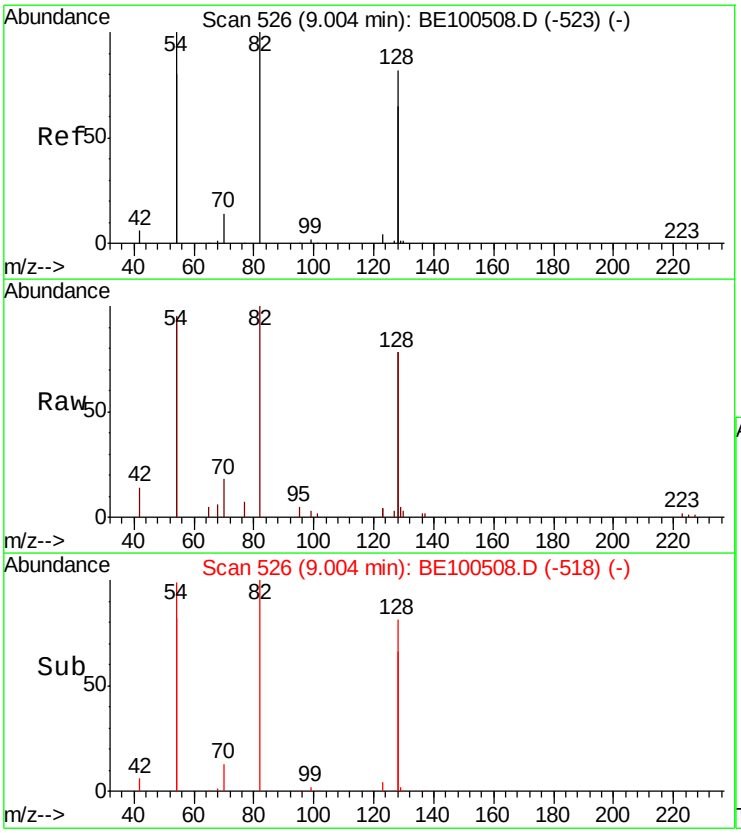
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 33982

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	19.2	15.4	23.0
68	5.0	4.0	6.0

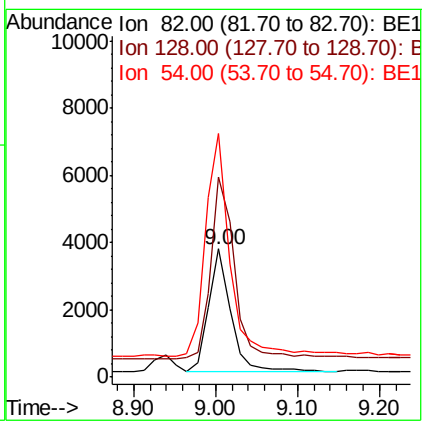


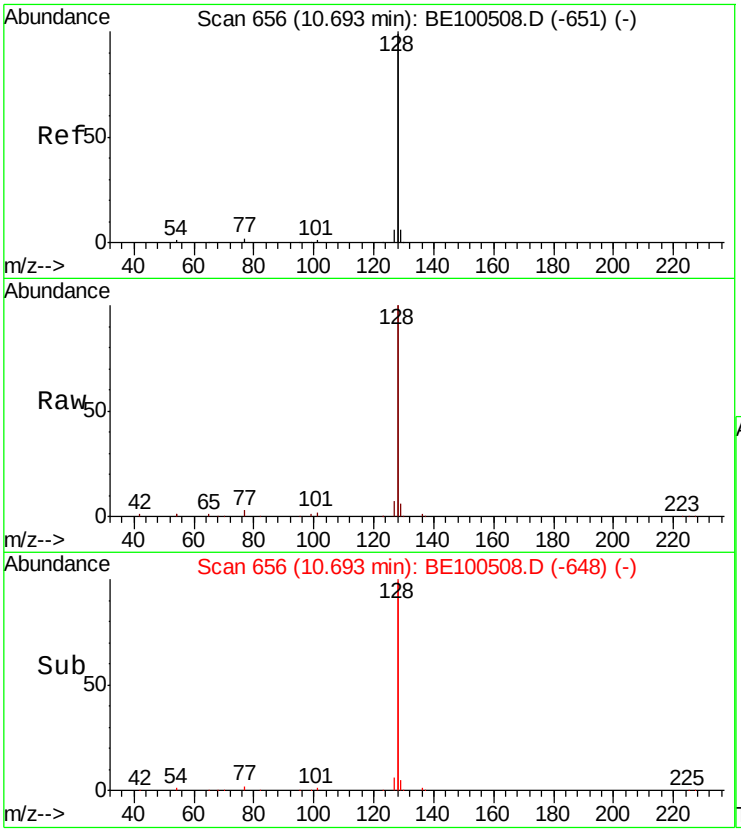


#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion: 82 Resp: 6754

Ion	Ratio	Lower	Upper
82	100		
128	155.7	124.6	186.8
54	189.8	151.8	227.8



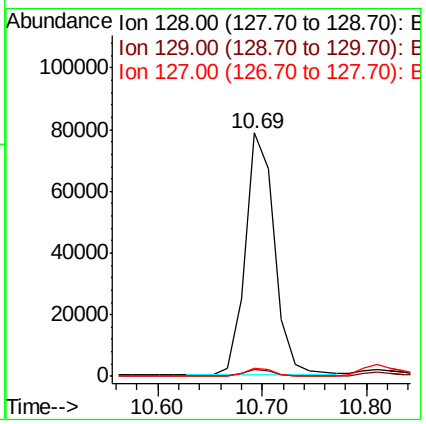


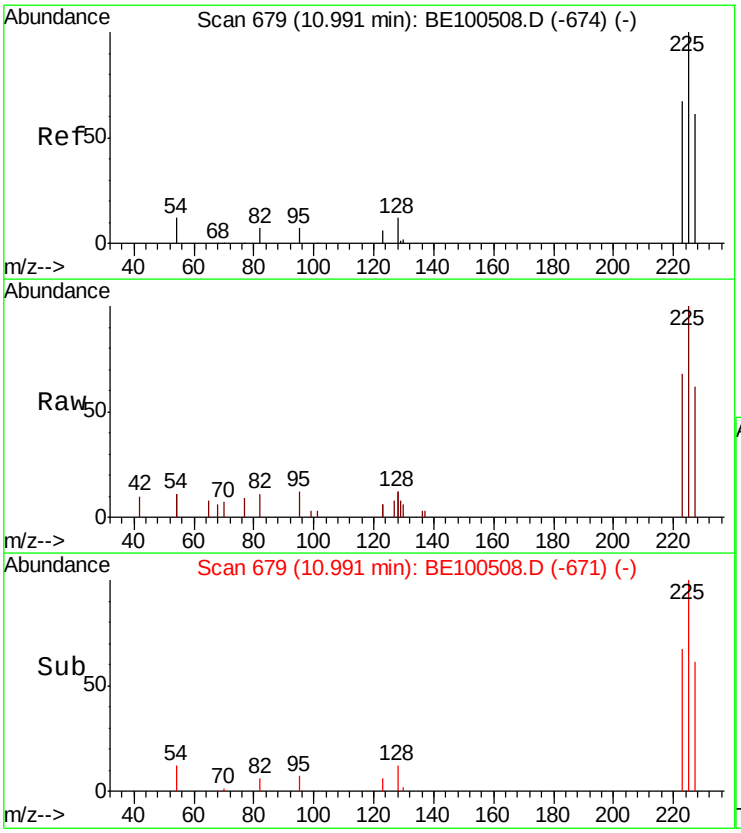
#9
Naphthalene
Concen: 0.468 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 152775

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.3	3.5
127	3.3	2.6	4.0

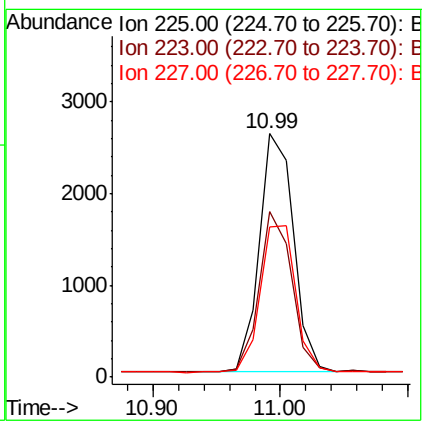


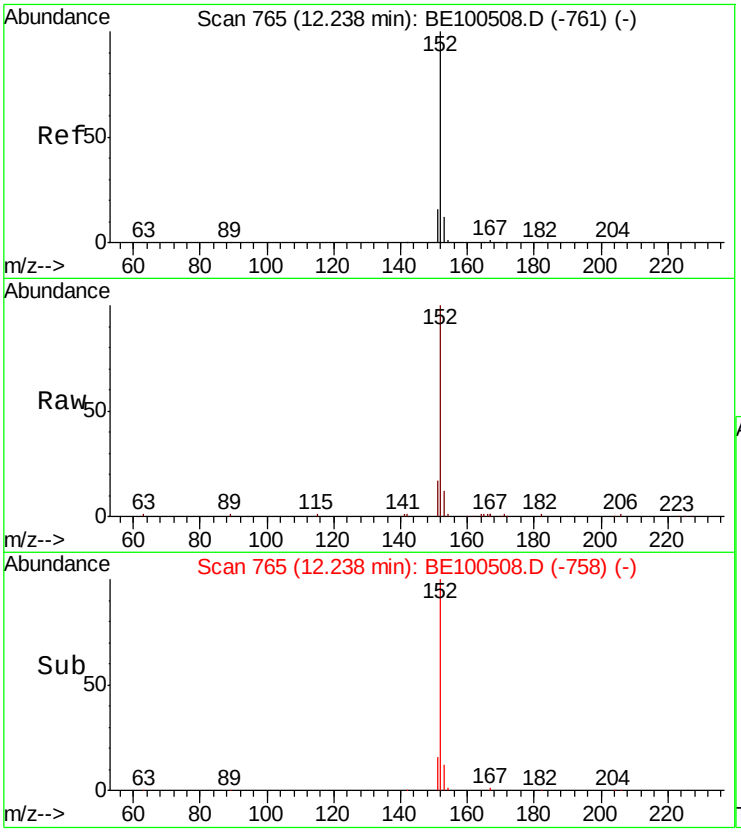


#10
Hexachlorobutadiene
Concen: 0.310 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:225 Resp: 4831

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	64.5	51.6	77.4



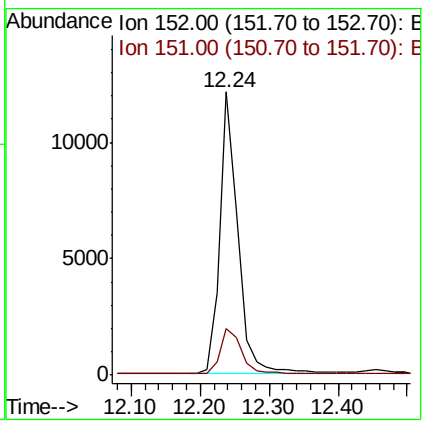


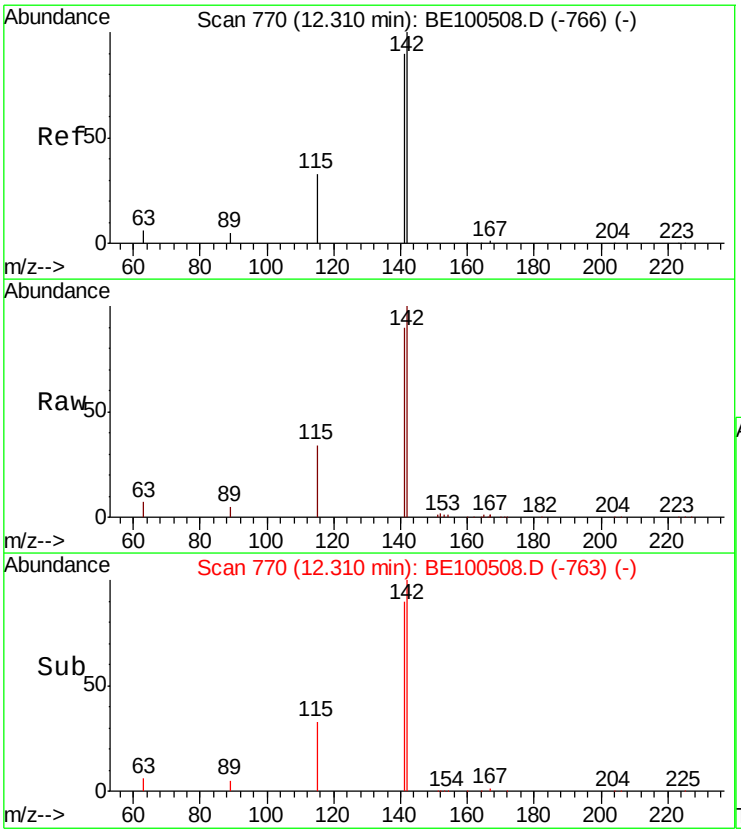
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 22041

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.2	22.8

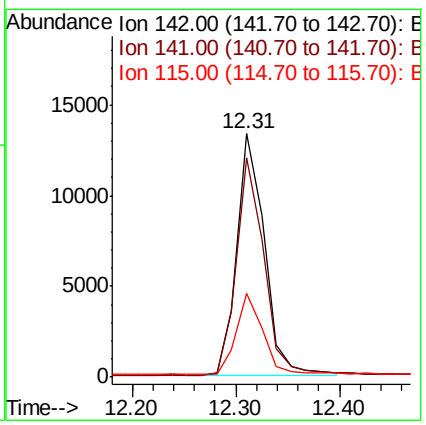


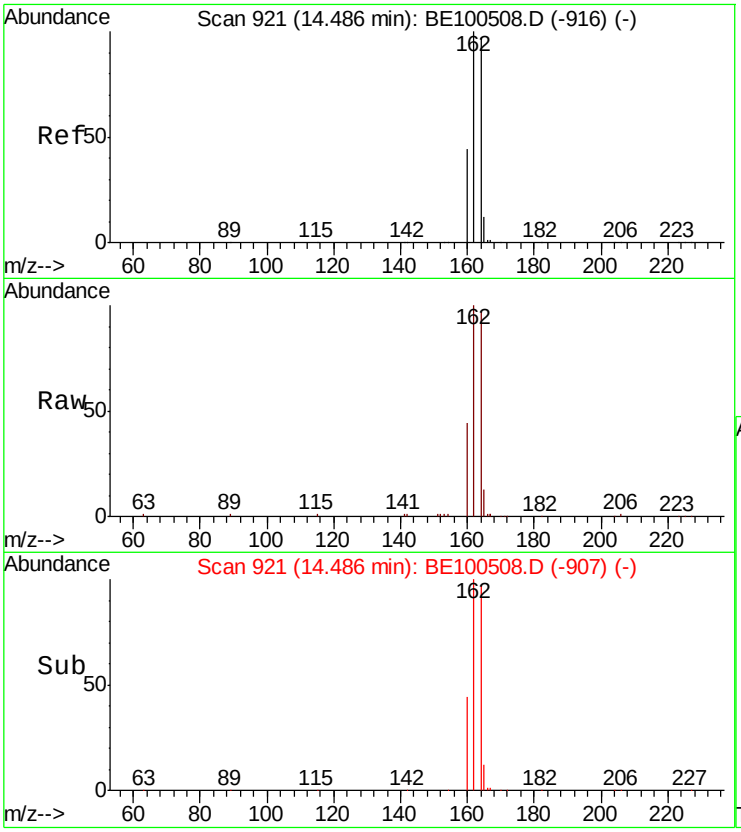


#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:142 Resp: 24682

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
115	34.3	27.4	41.2



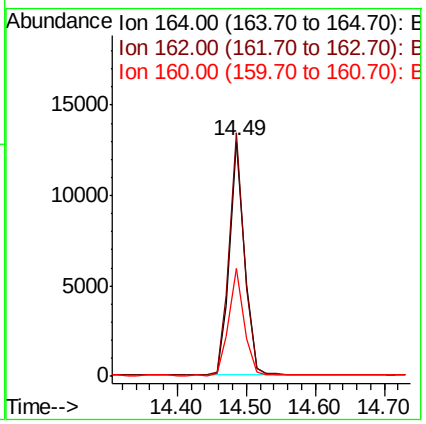


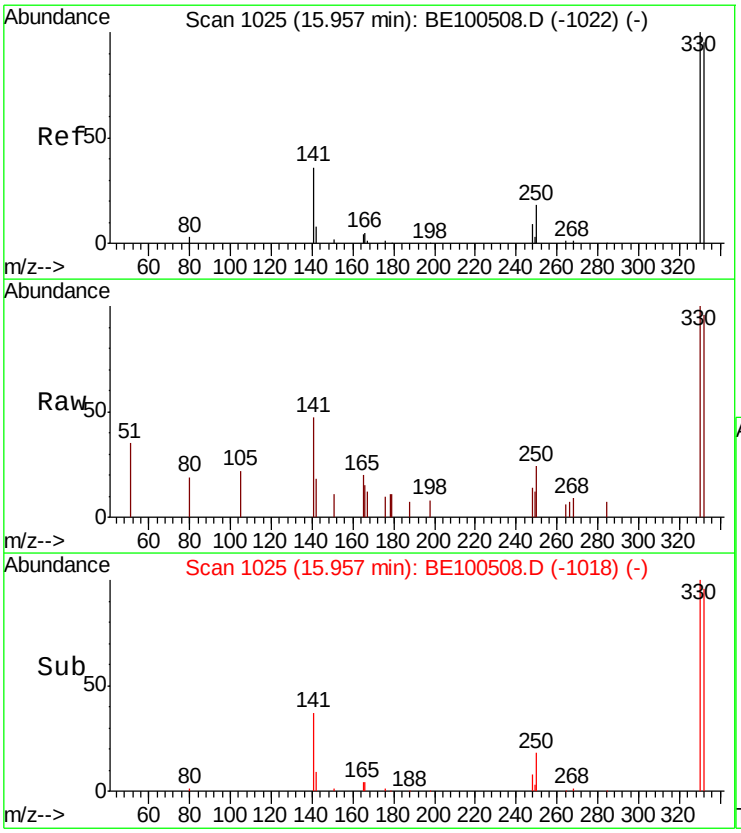
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 19574

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.8	124.2
160	46.0	36.8	55.2

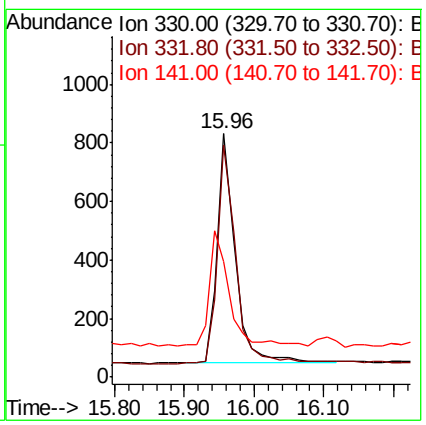


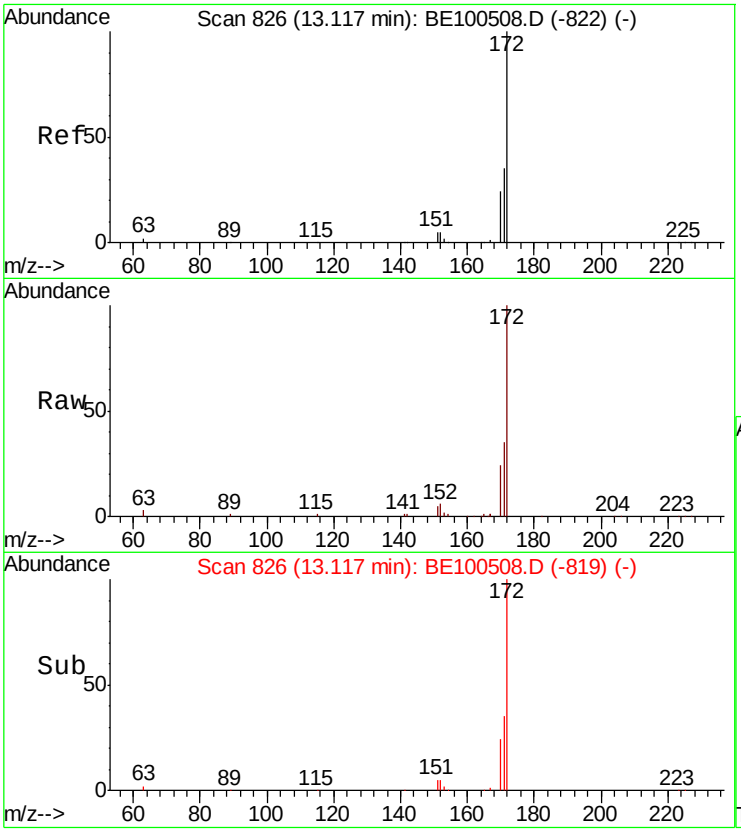


#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:330 Resp: 1394

Ion	Ratio	Lower	Upper
330	100		
332	100.2	80.2	120.2
141	54.6	43.7	65.5



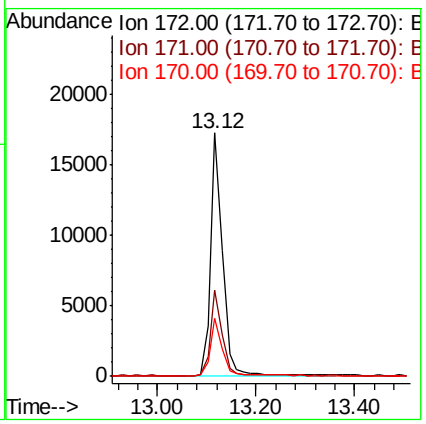


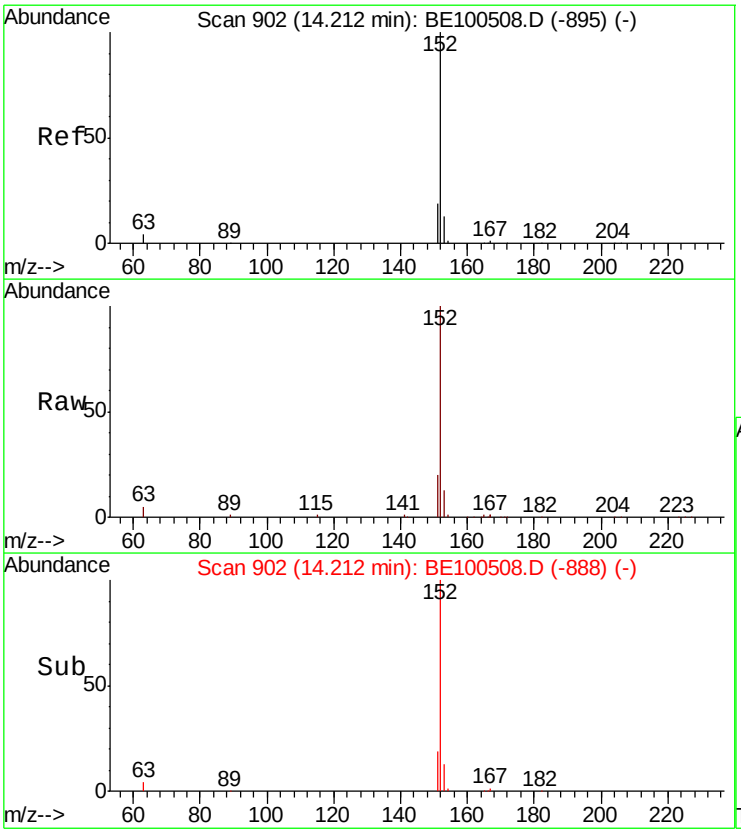
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 28470

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	24.0	19.2	28.8

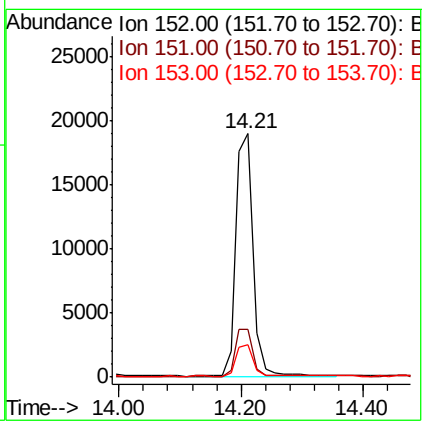


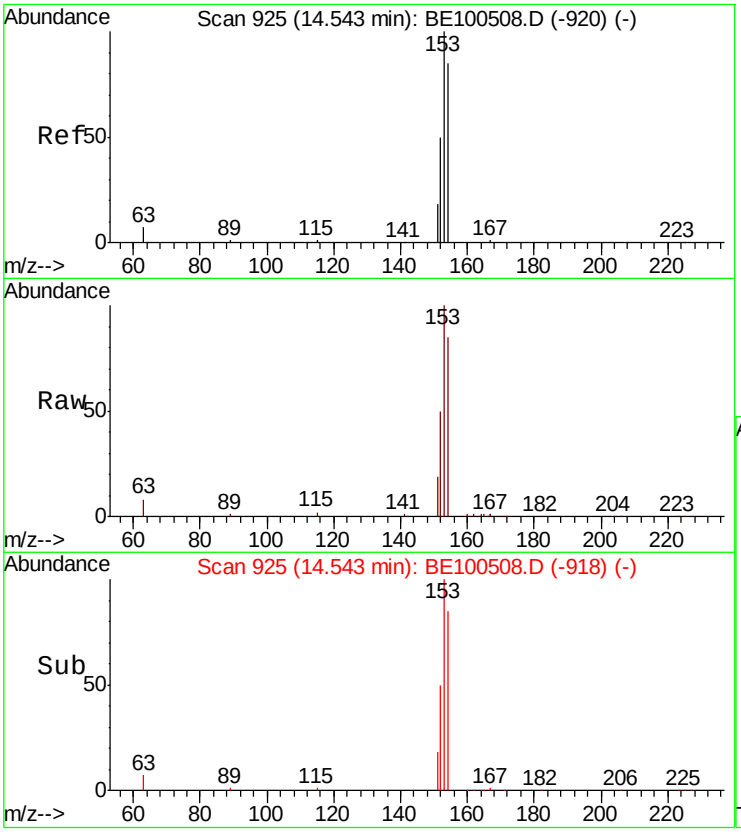


#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:152 Resp: 37534

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	12.7	10.2	15.2



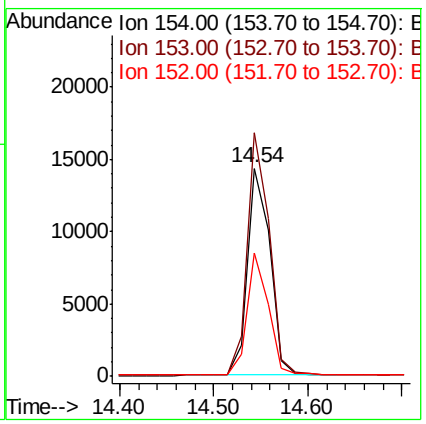


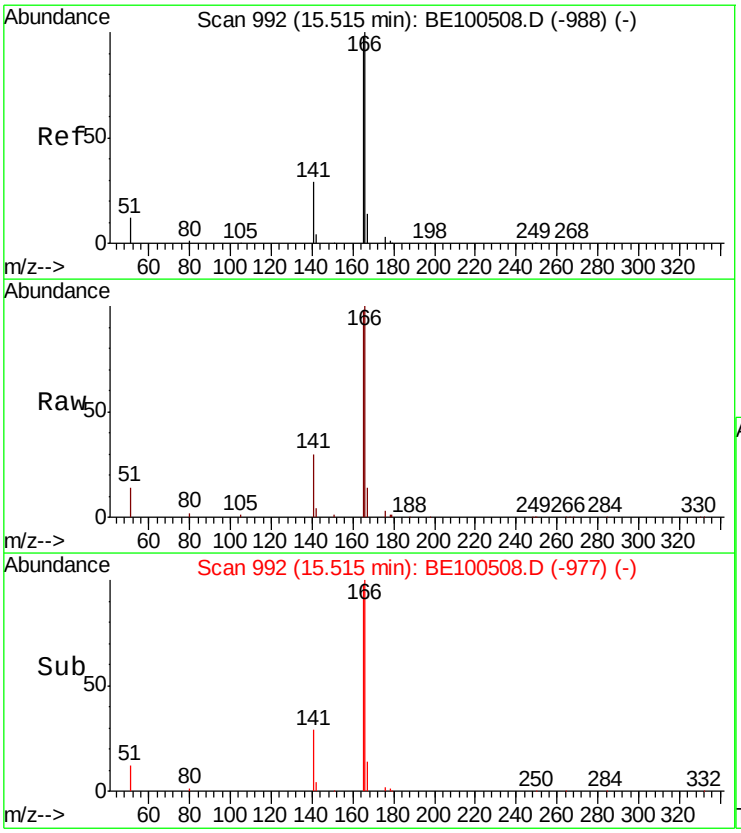
#17
Acenaphthene
Concen: 0.440 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 23974

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.5	137.3
152	56.1	44.9	67.3

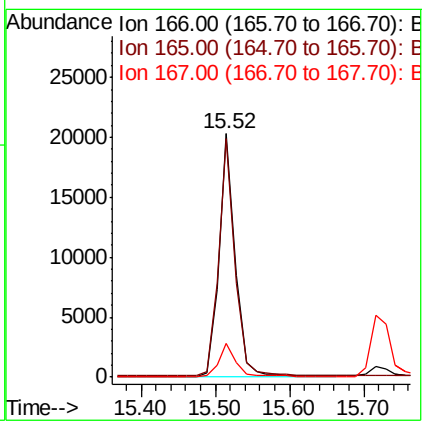


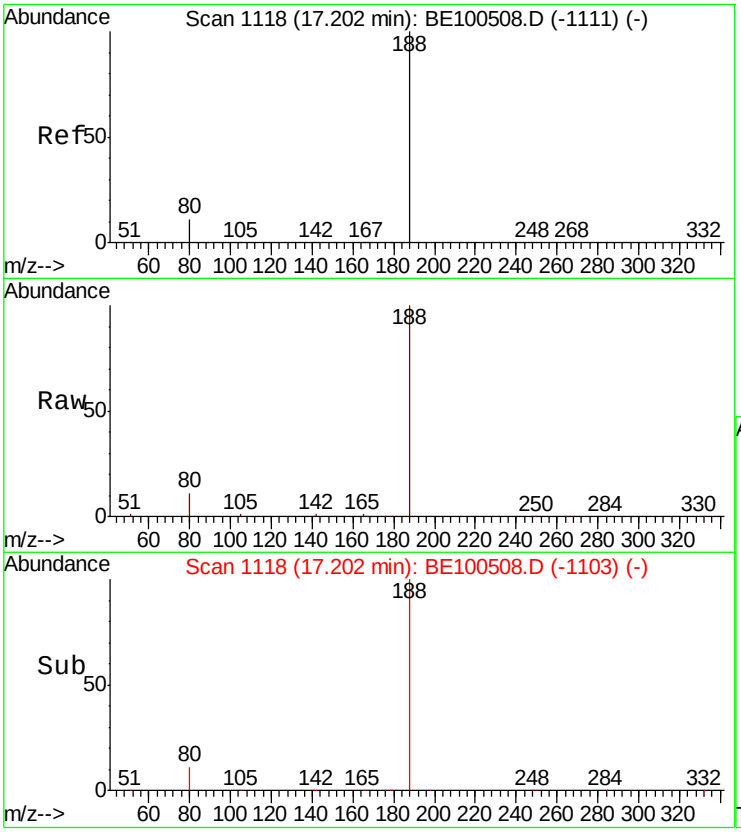


#18
Fluorene
Concen: 0.424 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:166 Resp: 30825

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.9	118.3
167	13.6	10.9	16.3



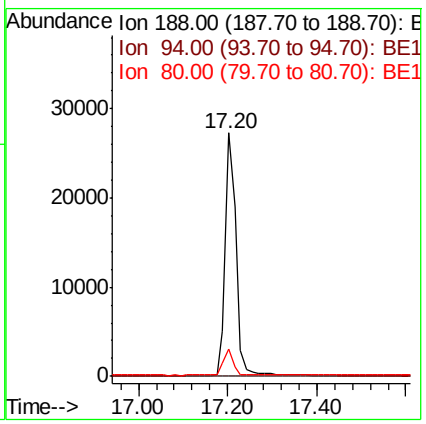


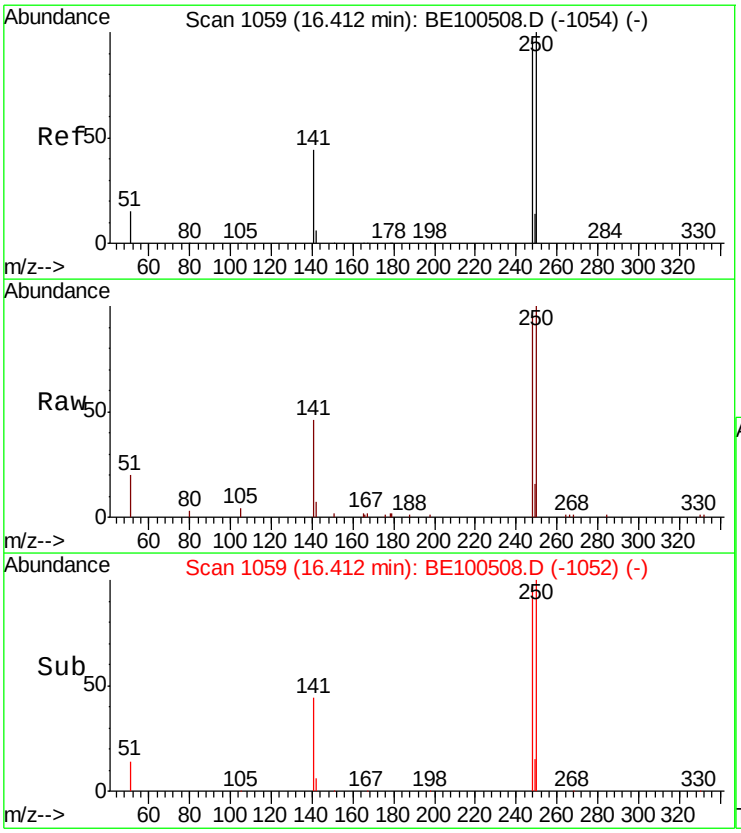
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 45873

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	9.0	13.6

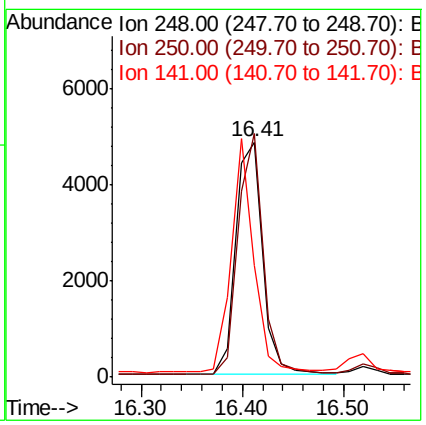


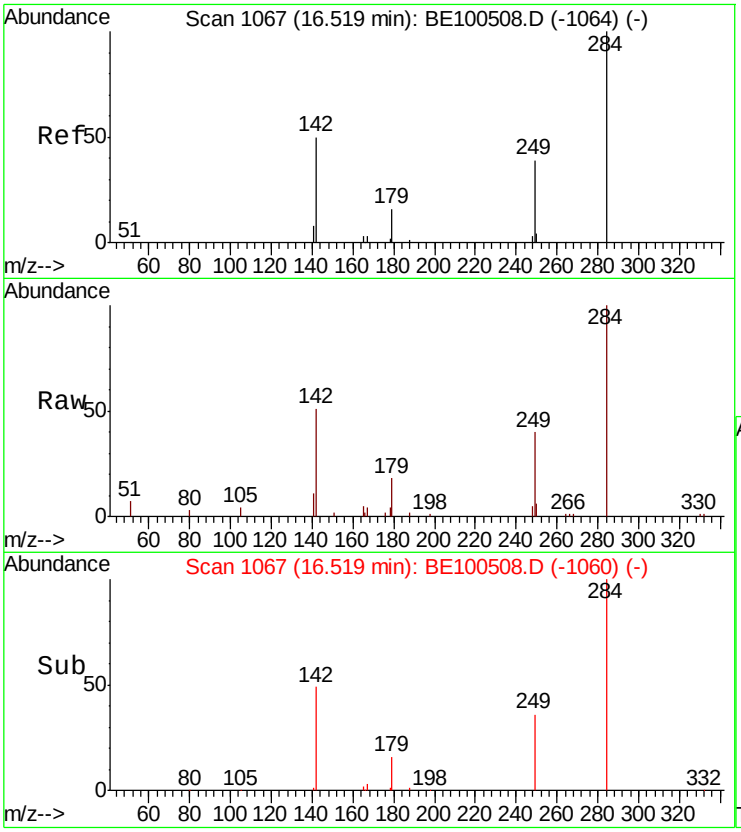


#20
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:248 Resp: 9042

Ion	Ratio	Lower	Upper
248	100		
250	103.7	83.0	124.4
141	47.5	38.0	57.0



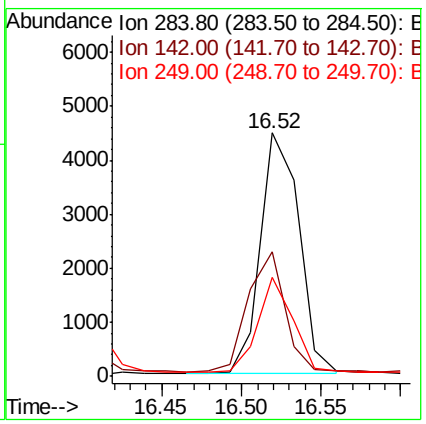


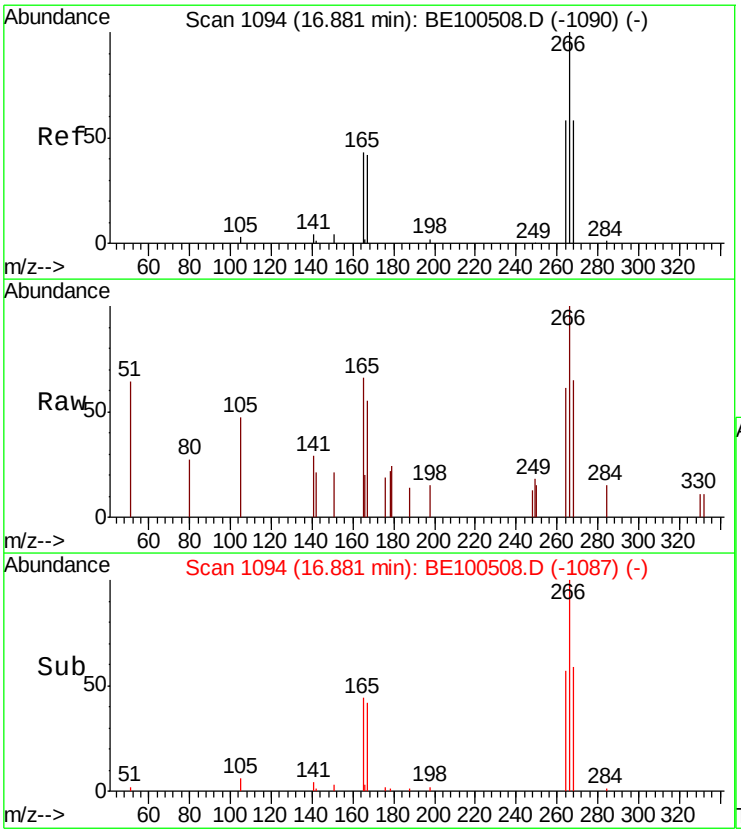
#21
Hexachlorobenzene
Concen: 0.330 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 7412

Ion	Ratio	Lower	Upper
284	100		
142	47.9	38.2	57.4
249	36.0	28.8	43.2

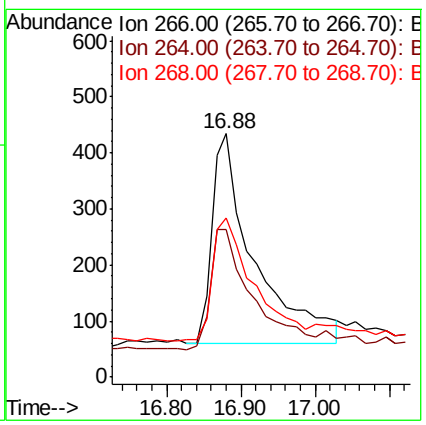


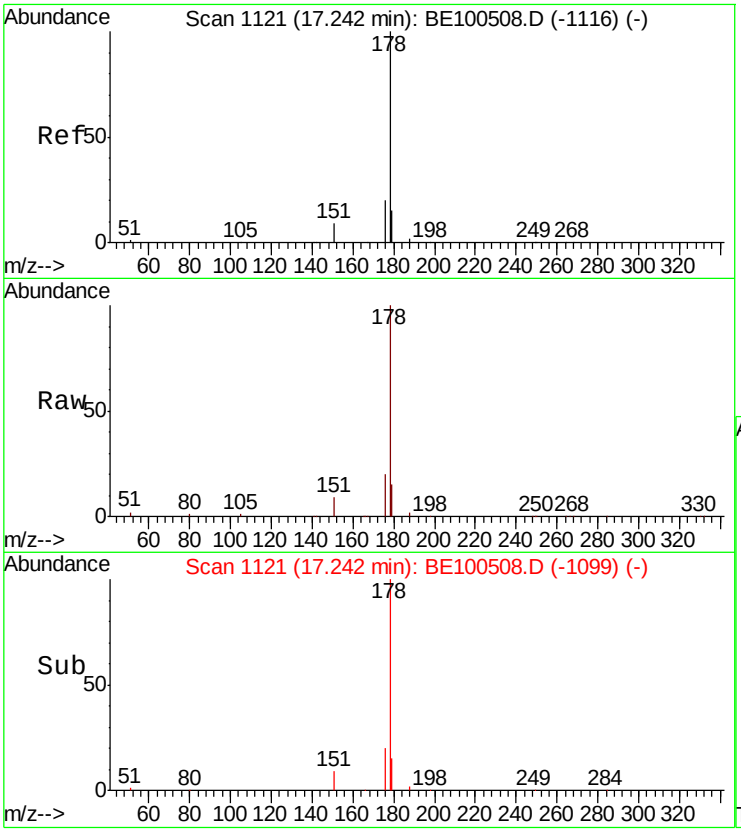


#22
Pentachlorophenol
Concen: 0.155 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:266 Resp: 1470

Ion	Ratio	Lower	Upper
266	100		
264	60.8	48.6	73.0
268	65.4	52.3	78.5



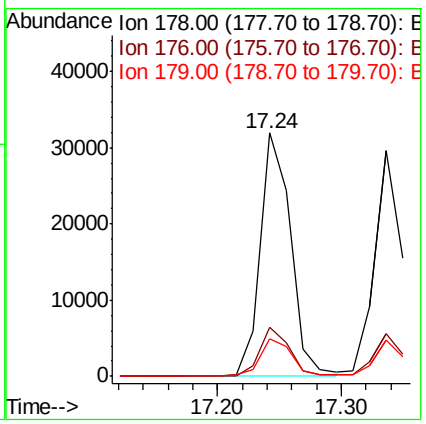


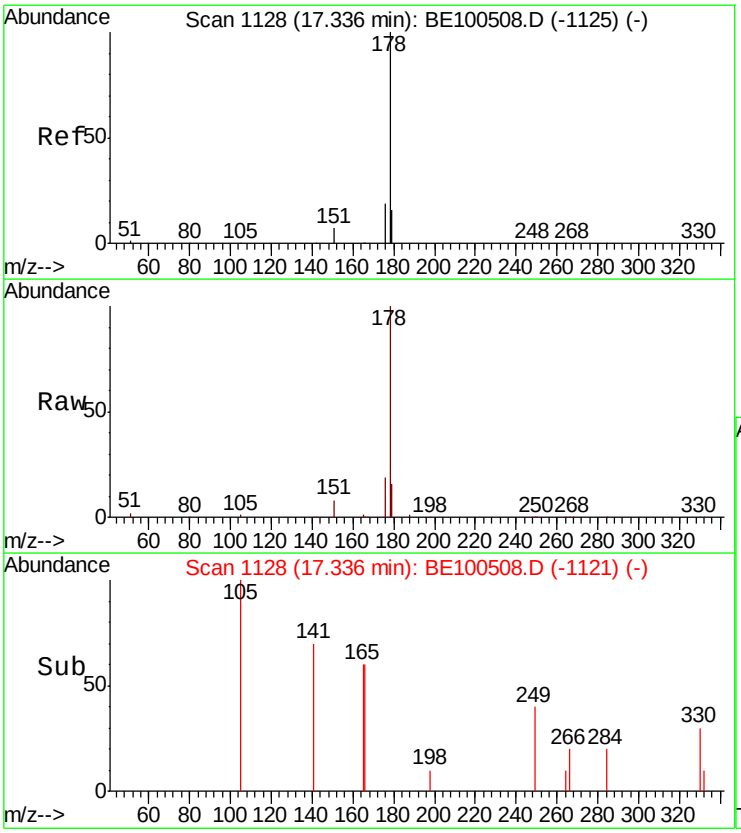
#23
Phenanthrene
Concen: 0.479 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 53865

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.4	18.6

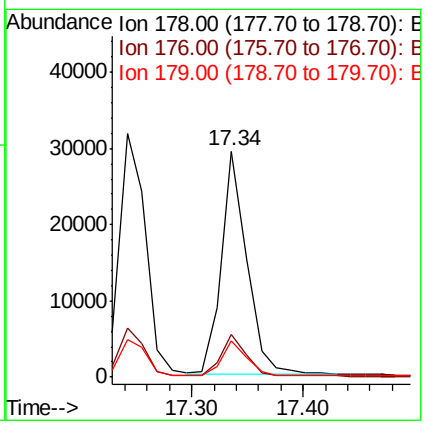


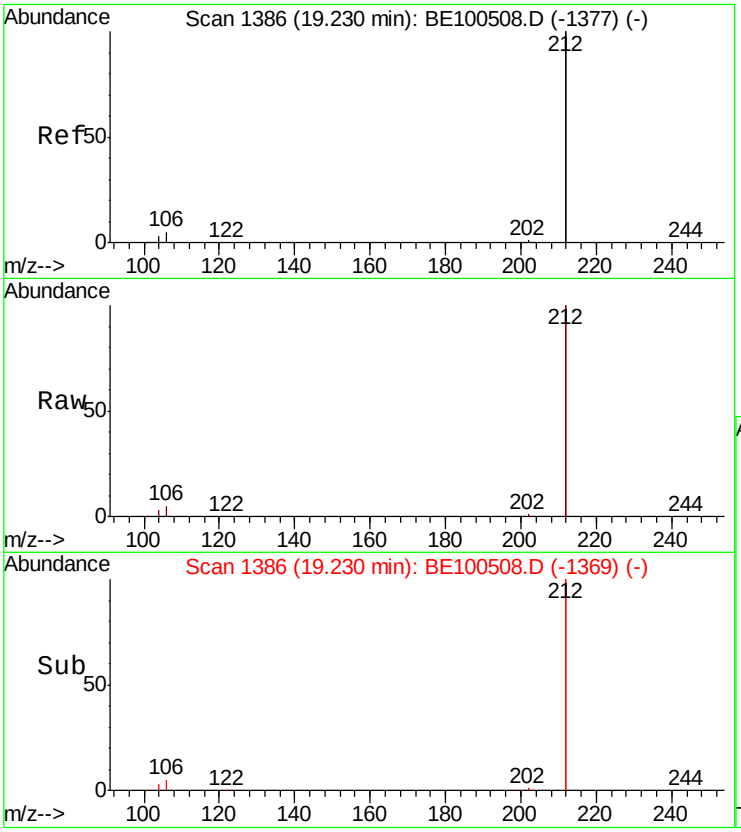


#24
Anthracene
Concen: 0.434 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:178 Resp: 46459

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.4	18.6



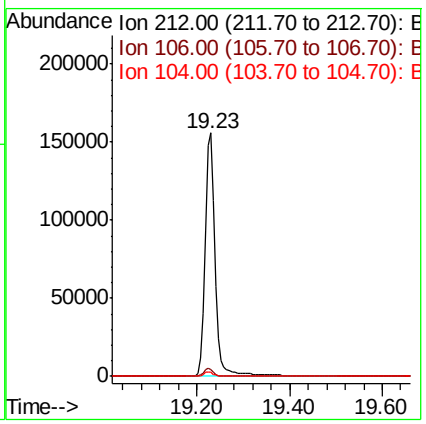


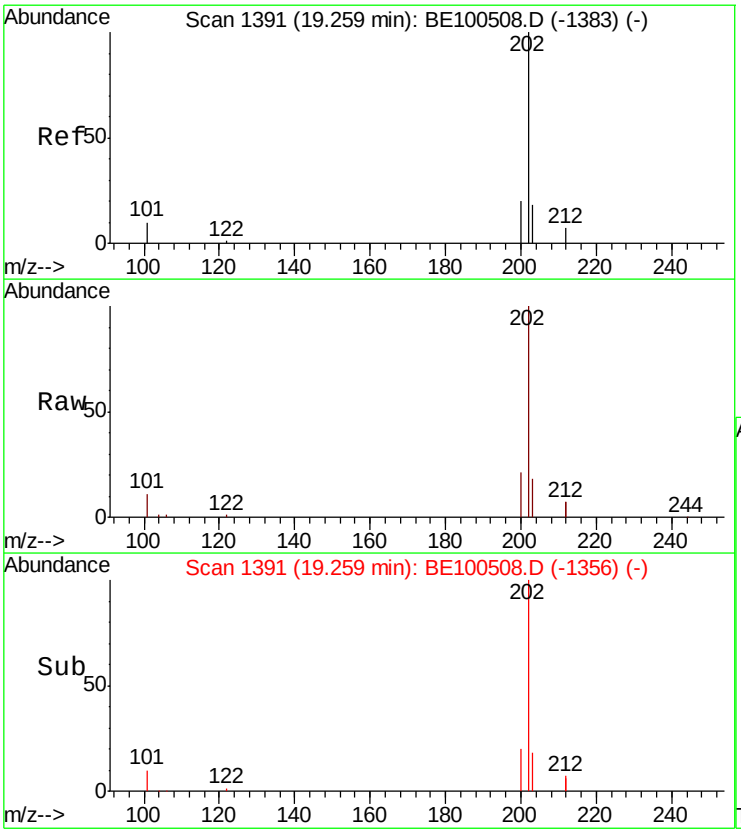
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 239733

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

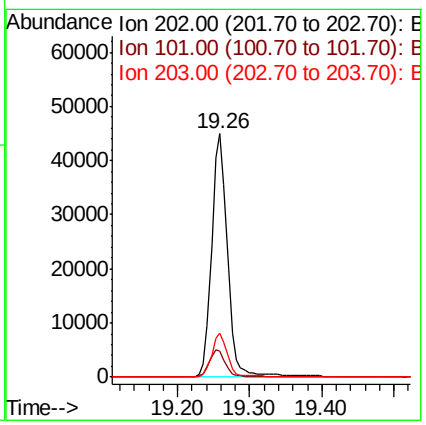


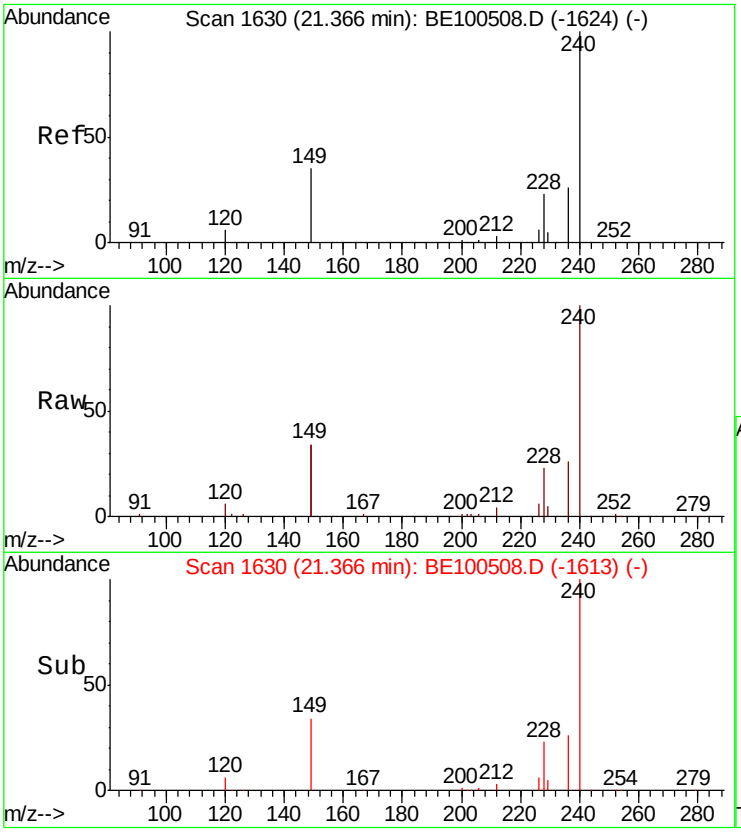


#26
Fluoranthene
Concen: 0.419 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:202 Resp: 67890

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
203	17.3	13.8	20.8



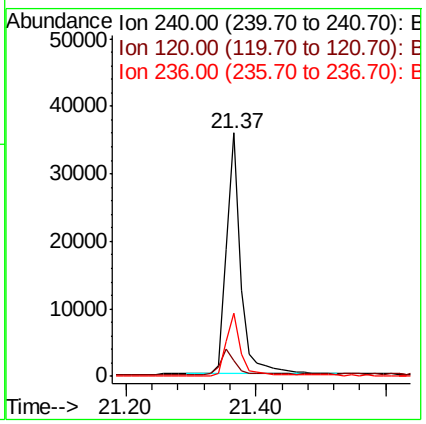


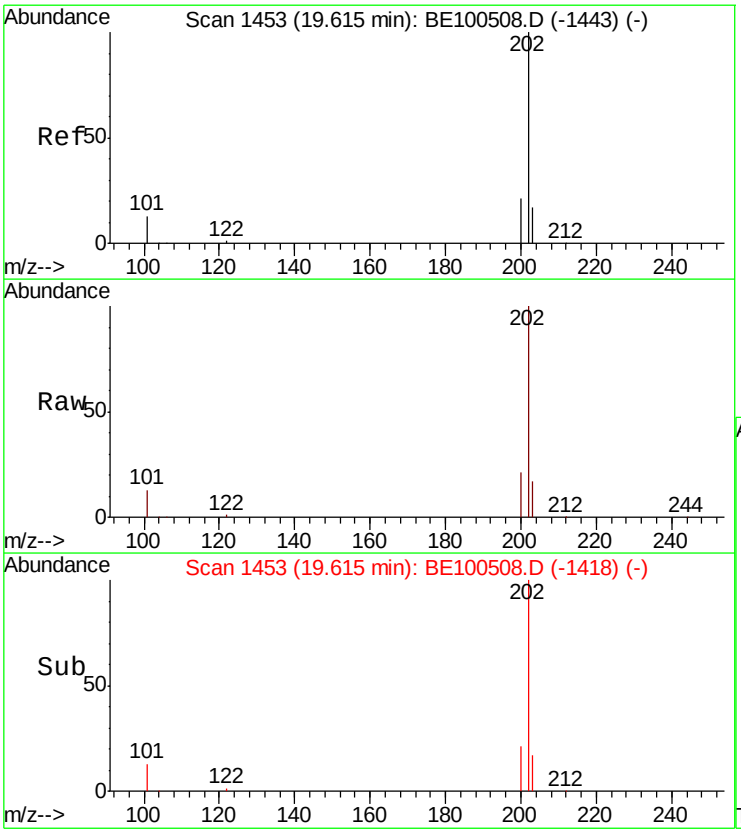
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 55502

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.1	7.7
236	26.1	20.9	31.3

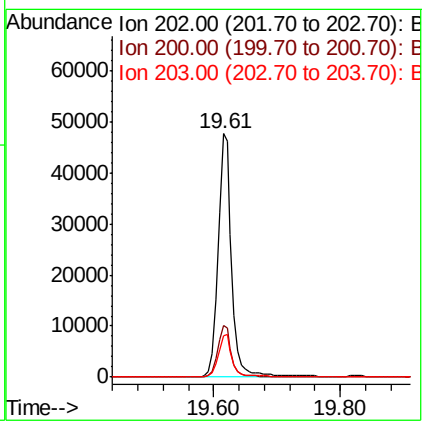


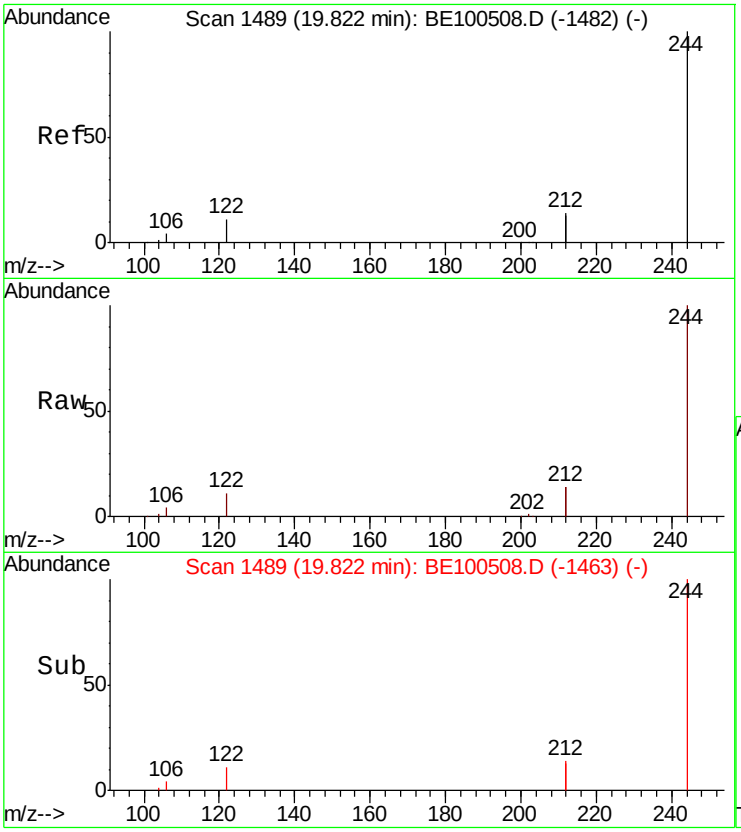


#28
Pyrene
Concen: 0.404 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:202 Resp: 69847

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.4	13.9	20.9



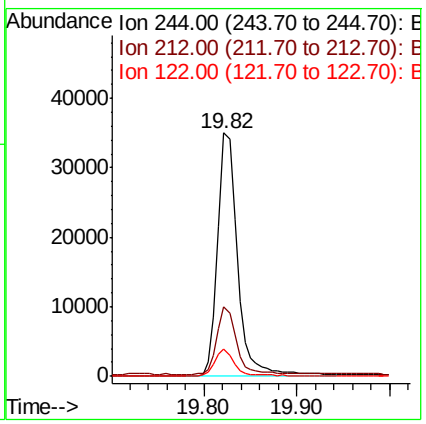


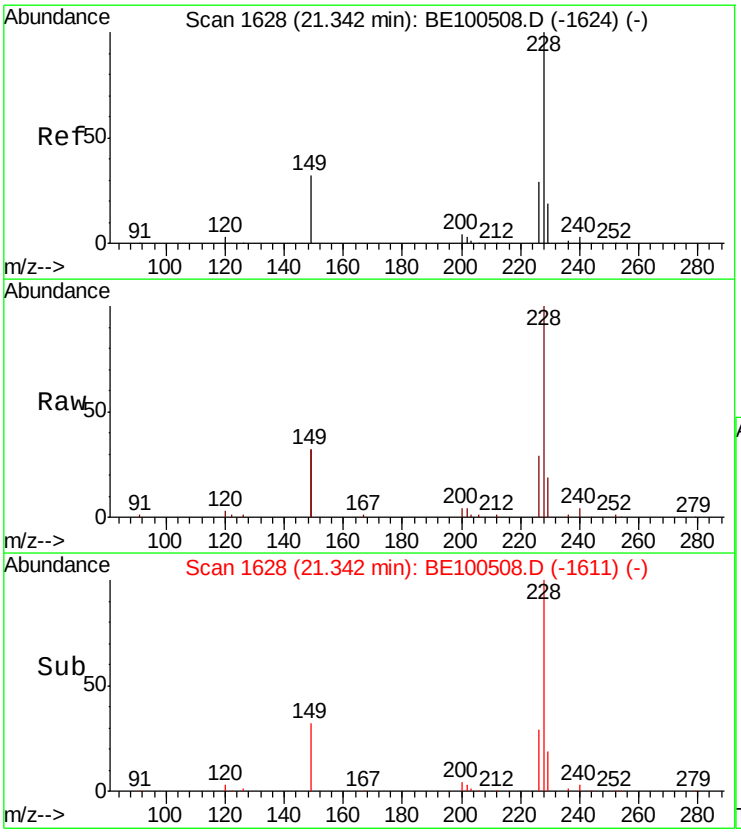
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 52275

Ion	Ratio	Lower	Upper
244	100		
212	28.5	22.8	34.2
122	11.2	9.0	13.4

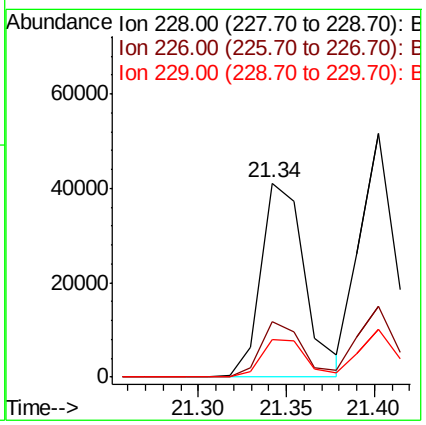


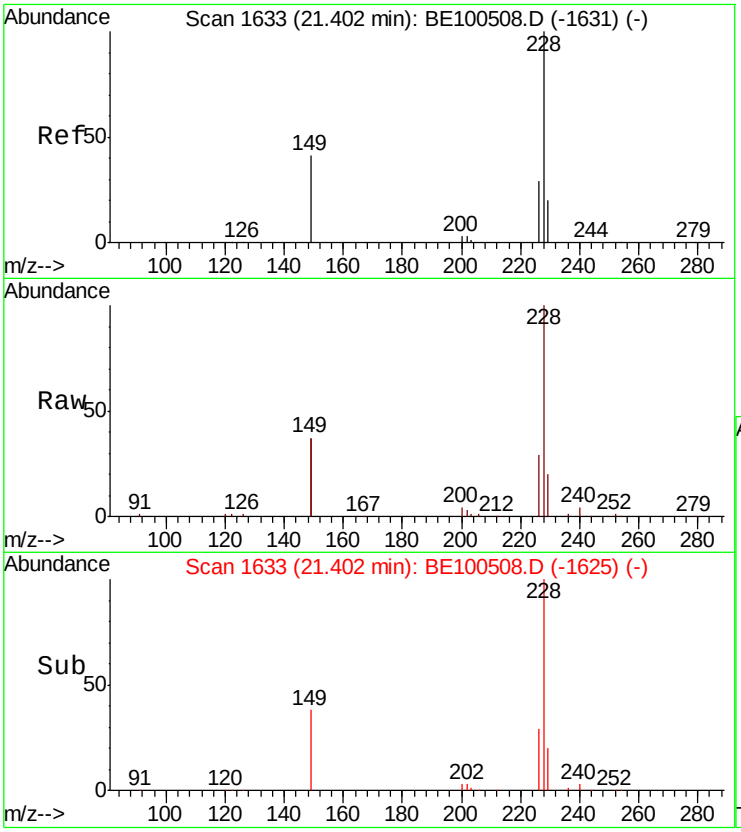


#30
Benzo(a)anthracene
Concen: 0.416 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:228 Resp: 70426

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	19.1	15.3	22.9



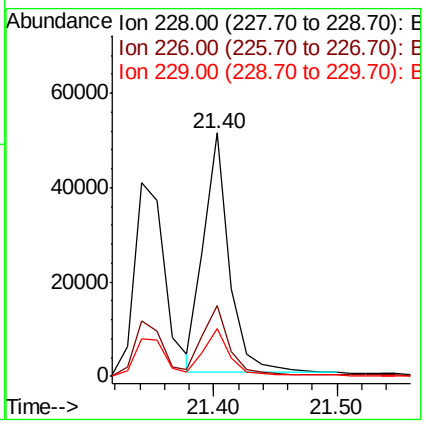


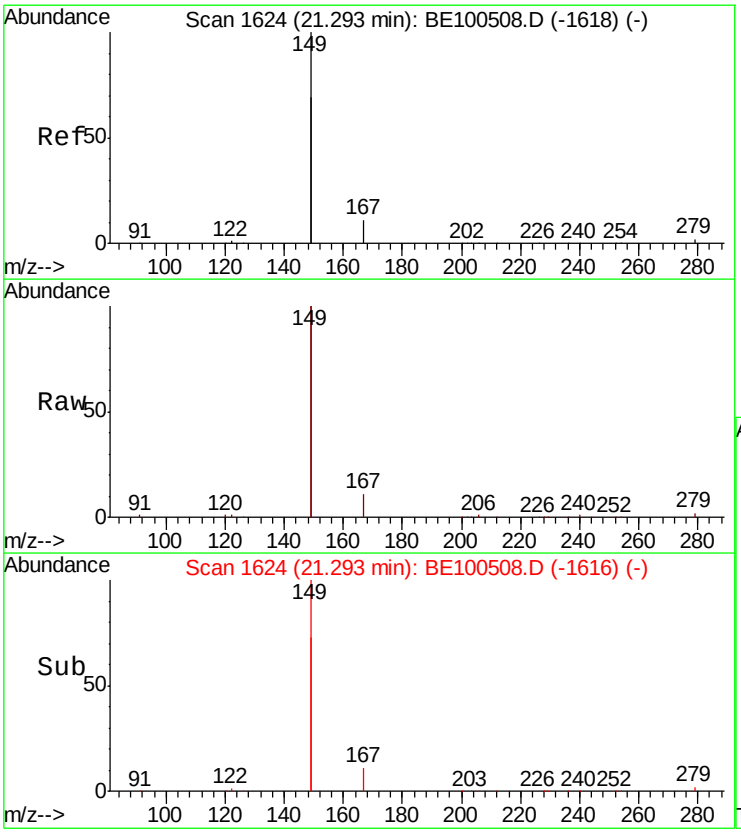
#31
Chrysene
Concen: 0.440 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 73644

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	19.8	15.8	23.8

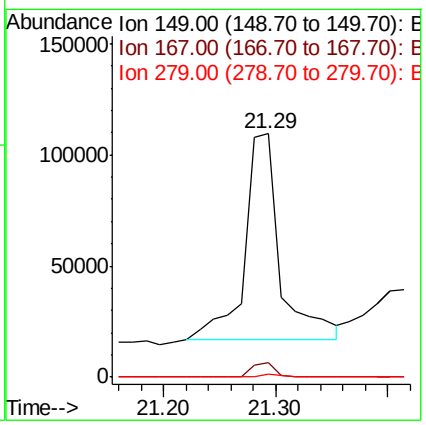


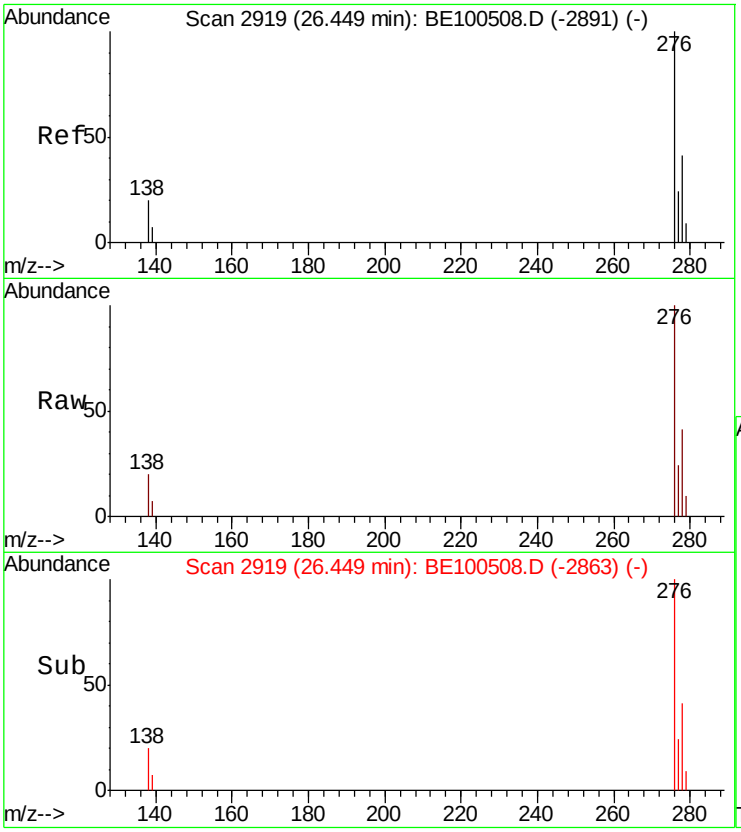


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.526 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:149 Resp: 204710

Ion	Ratio	Lower	Upper
149	100		
167	4.4	3.5	5.3
279	0.7	0.6	0.8



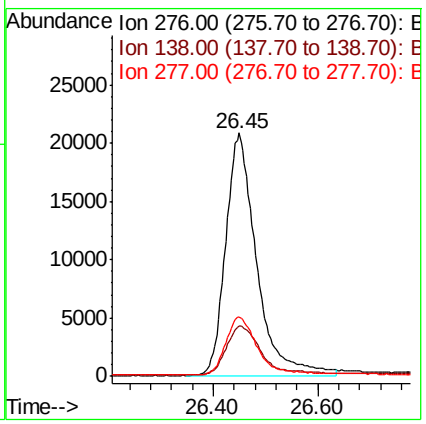


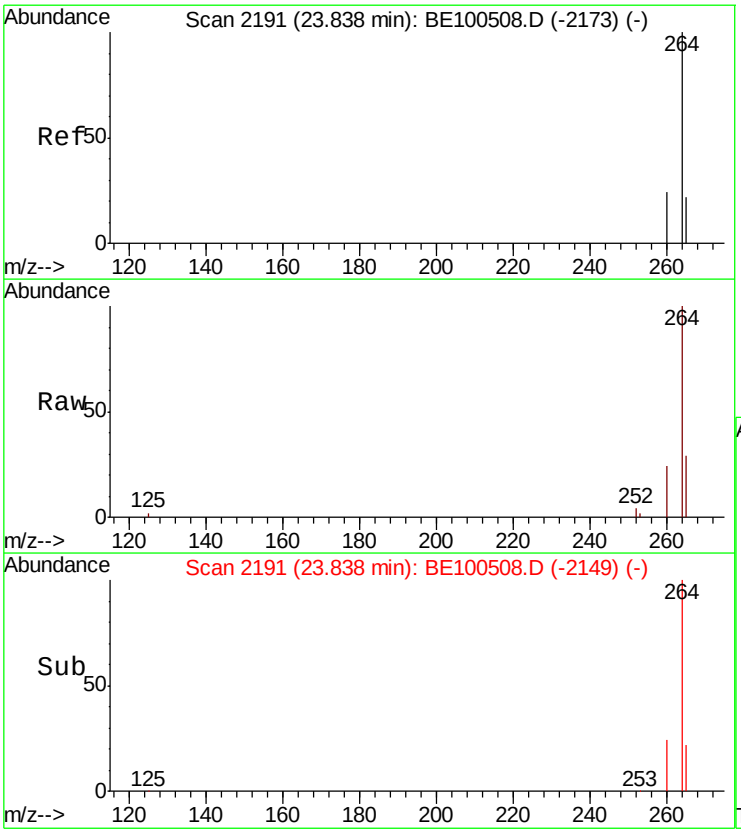
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.466 ng
RT: 26.45 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 84992

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.8	26.8
277	23.9	19.0	28.6

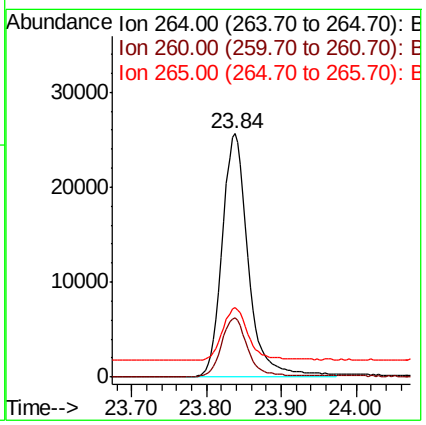


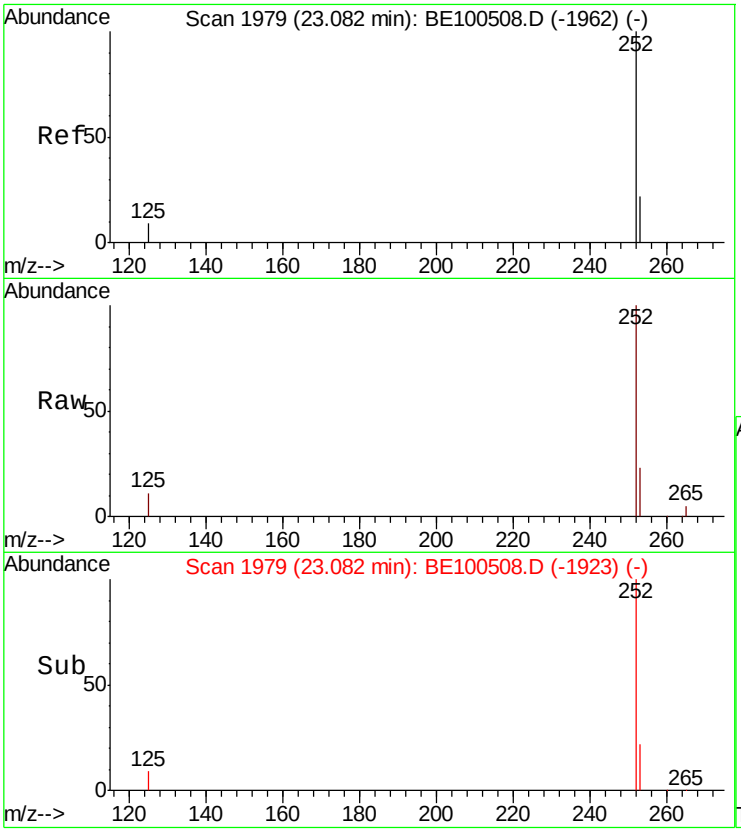


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:264 Resp: 61530

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	28.7	23.0	34.4



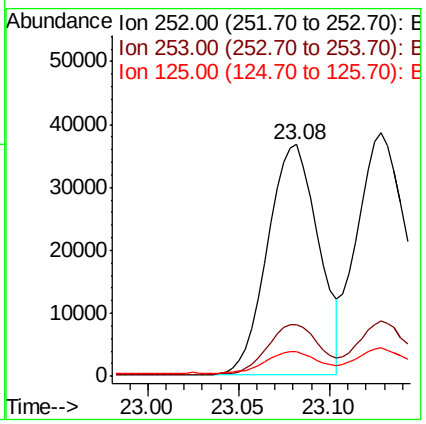


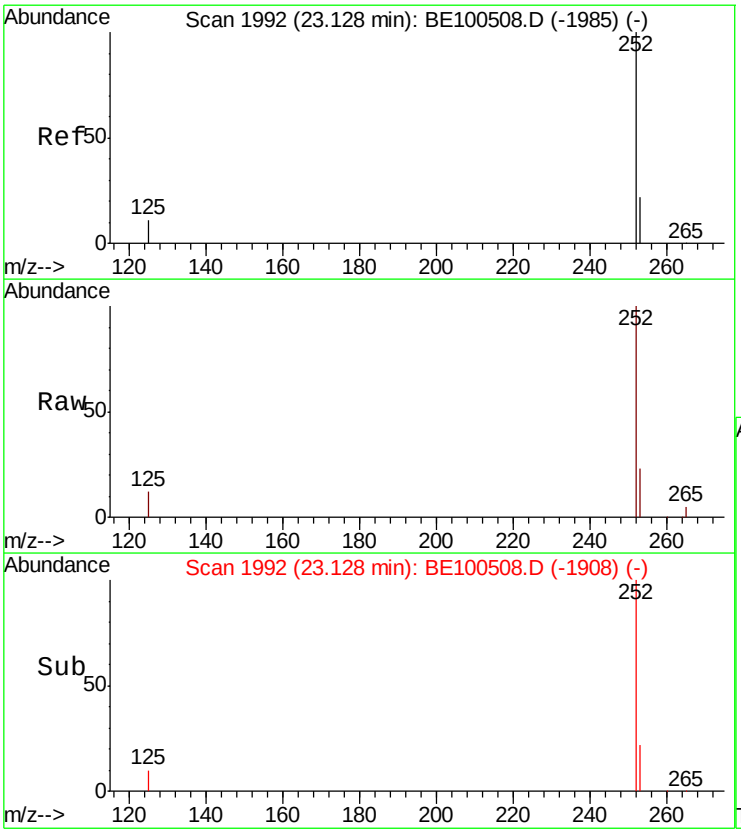
#35
Benzo(b)fluoranthene
Concen: 0.421 ng
RT: 23.08 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 70939

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.8	8.6	13.0

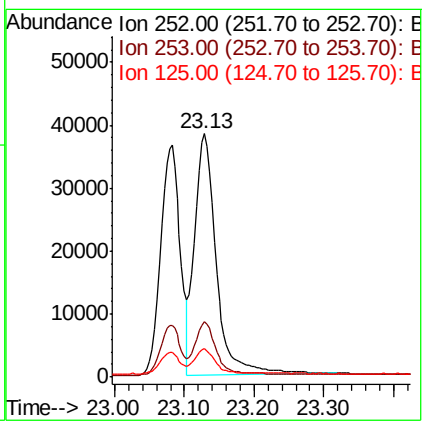


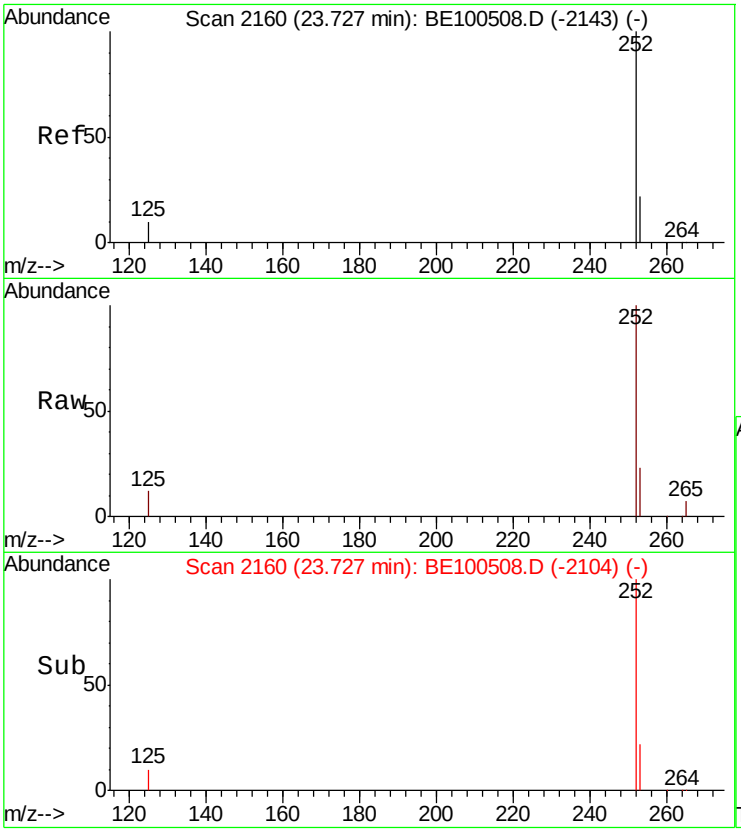


#36
Benzo(k)fluoranthene
Concen: 0.464 ng
RT: 23.13 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:252 Resp: 81924

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.6	9.3	13.9



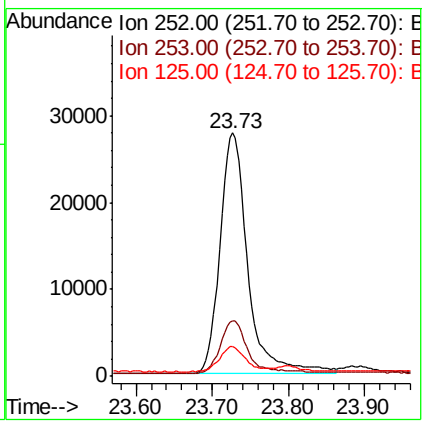


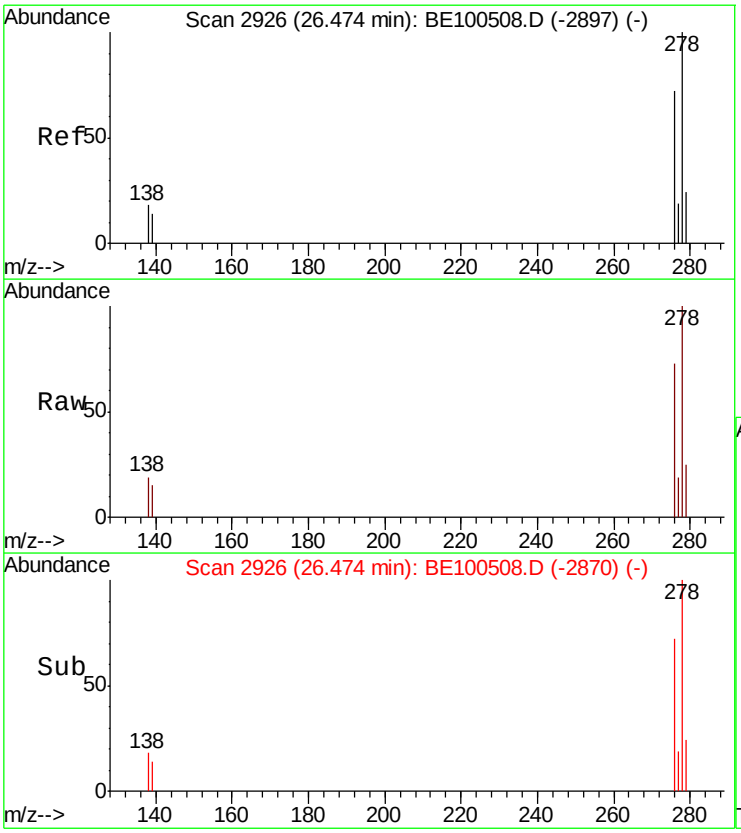
#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.73 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 69597

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.1	9.7	14.5

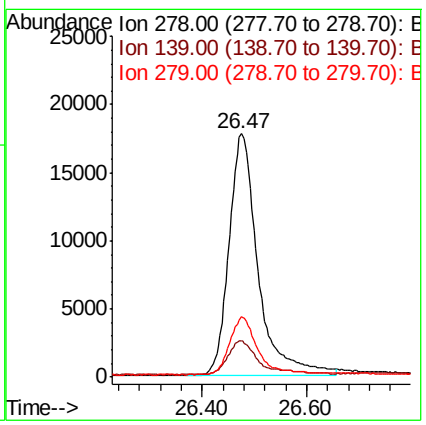


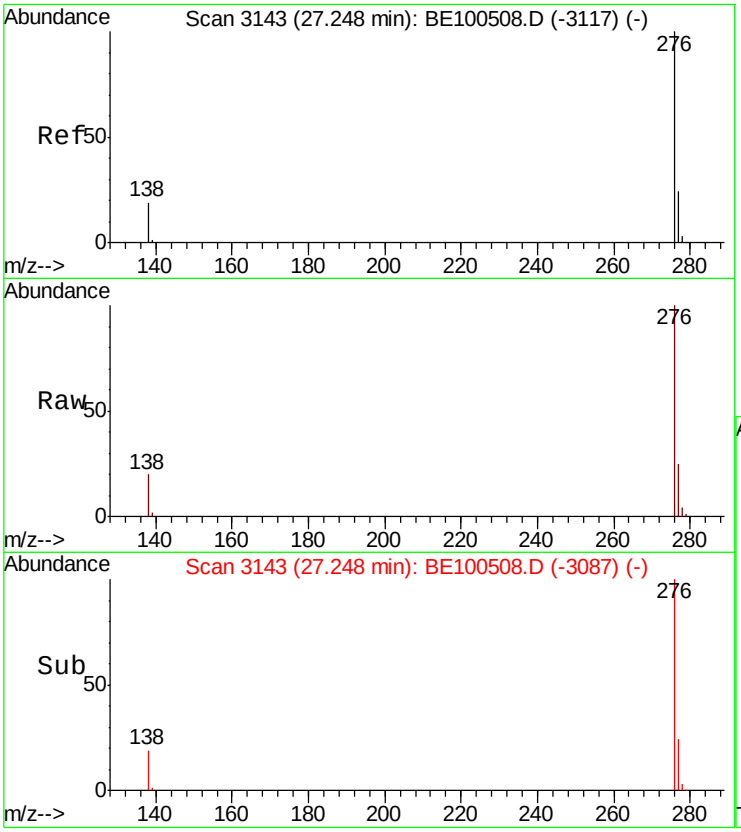


#38
Dibenzo(a,h)anthracene
Concen: 0.448 ng
RT: 26.47 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Tgt Ion:278 Resp: 69307

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	24.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.459 ng
RT: 27.25 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE100508.D
Acq: 18 Sep 2019 15:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 72627

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	20.0	16.0	24.0