Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100509.D
Acq On : 18 Sep 2019 16:18
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 18 17:10:51 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	7978	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	37347	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	20184	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	50181	0.40	ng		0.00
27) Chrysene-d12	21.37	240	58796	0.40	ng		0.00
34) Perylene-d12	23.84	264	66066	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	18640	0.96	ng		0.00
5) Phenol-d6	7.02	99	24672	0.89	ng		0.00
8) Nitrobenzene-d5	9.00	82	15656	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	47274	0.76	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	3364	0.38	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	60216	0.73	ng		0.00
25) Fluoranthene-d10	19.23	212	510398	0.74	ng		0.00
29) Terphenyl-d14	19.82	244	113758	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	10583	0.882	ng		99
3) n-Nitrosodimethylamine	3.66	42	6339	0.868	ng	#	96
6) bis(2-Chloroethyl)ether	7.28	93	22738	0.953	ng		98
9) Naphthalene	10.69	128	323450	0.901	ng		100
10) Hexachlorobutadiene	11.00	225	10078	0.588	ng		99
12) 2-Methylnaphthalene	12.31	142	53415	0.828	ng		98
16) Acenaphthylene	14.20	152	82024	0.879	ng		99
17) Acenaphthene	14.54	154	51879	0.923	ng		100
18) Fluorene	15.51	166	66905	0.893	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	19466	0.815	ng		98
21) Hexachlorobenzene	16.52	284	15898	0.647	ng		99
22) Pentachlorophenol	16.87	266	3805	0.367	ng		98
23) Phenanthrene	17.24	178	114816	0.934	ng		100
24) Anthracene	17.33	178	102130	0.872	ng		100
26) Fluoranthene	19.26	202	146440	0.827	ng		100
28) Pyrene	19.62	202	148710	0.812	ng		100
30) Benzo(a)anthracene	21.34	228	151270	0.843	ng		99
31) Chrysene	21.40	228	154389	0.871	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	235315	0.571	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.45	276	182931	0.947	ng		98
35) Benzo(b)fluoranthene	23.08	252	157054	0.868	ng		98
36) Benzo(k)fluoranthene	23.13	252	174400	0.919	ng		99
37) Benzo(a)pyrene	23.73	252	148753	0.846	ng		98
38) Dibenzo(a,h)anthracene	26.48	278	150674	0.907	ng		98
39) Benzo(g,h,i)perylene	27.25	276	154740	0.910	ng		100

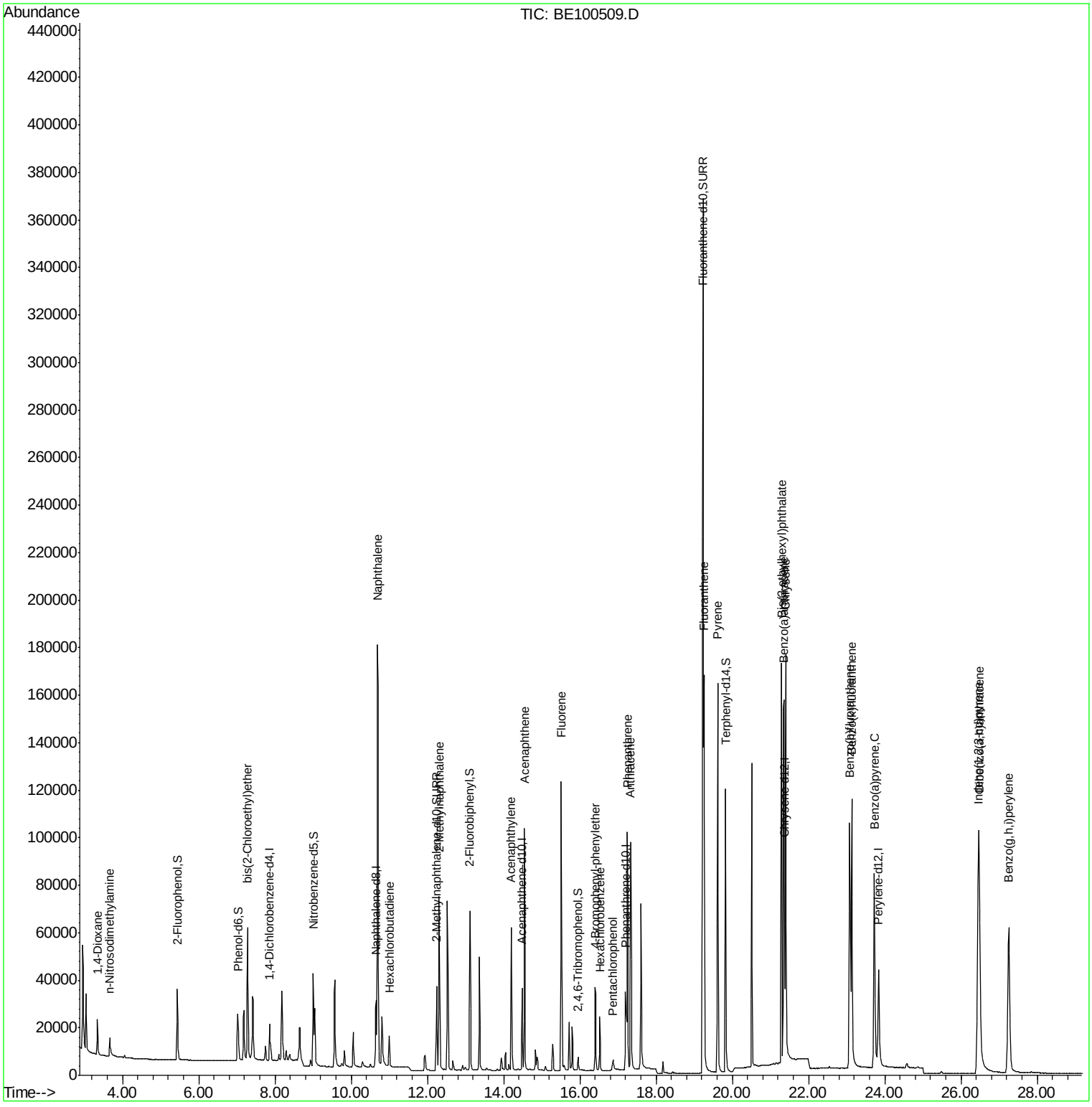
(#) = qualifier out of range (m) = manual integration (+) = signals summed

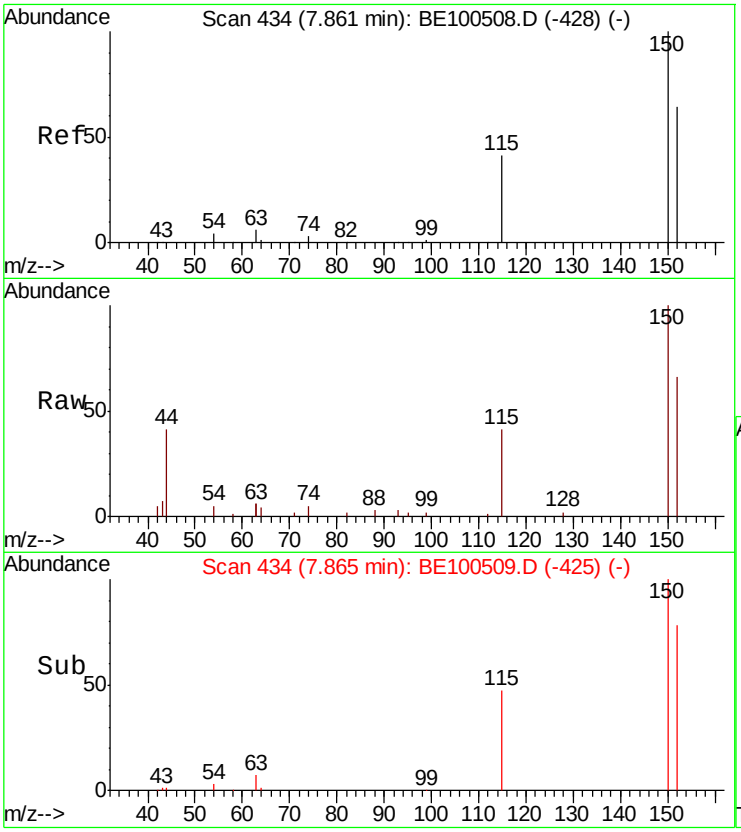
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
Data File : BE100509.D
Acq On : 18 Sep 2019 16:18
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Sep 18 17:10:51 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



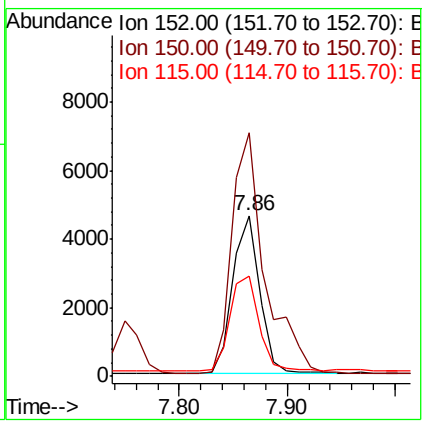


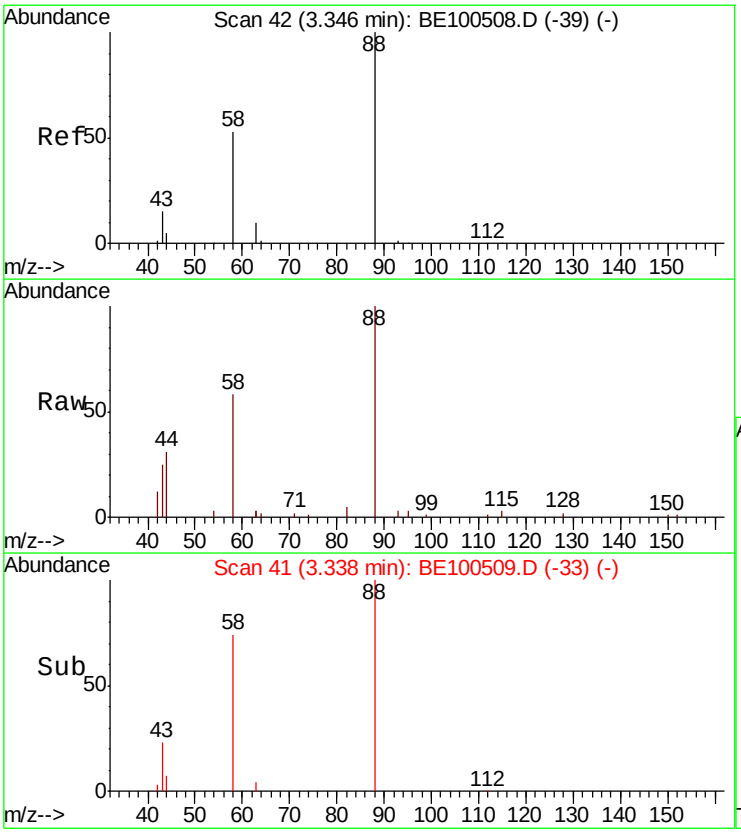
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 7978

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.1	186.1
115	62.5	53.0	79.6

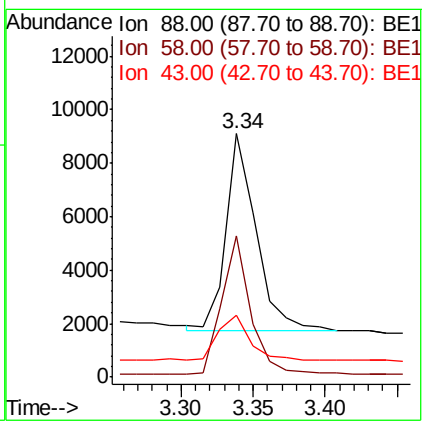


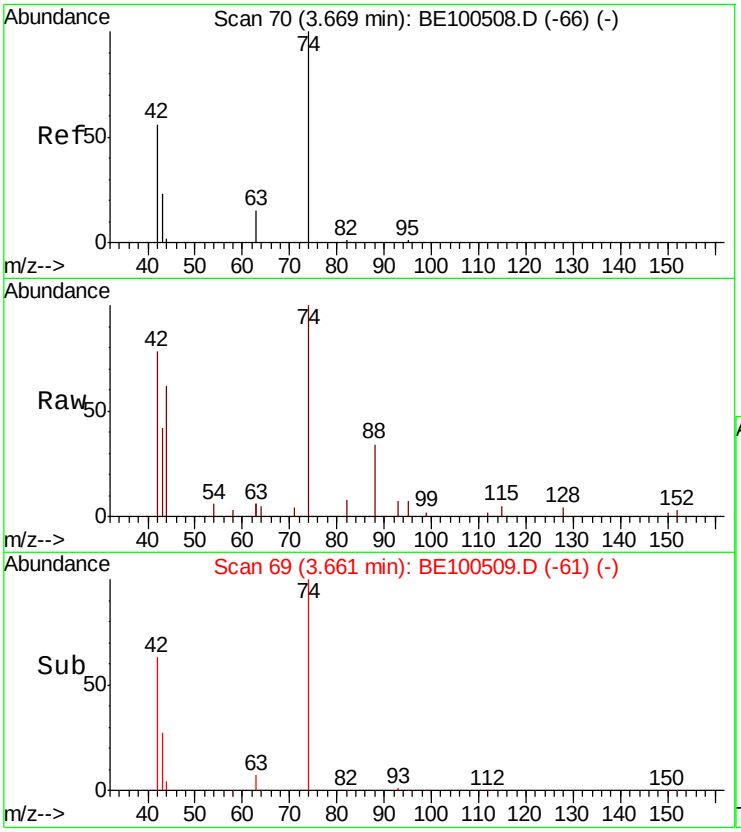


#2
1,4-Dioxane
Concen: 0.882 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion: 88 Resp: 10583

Ion	Ratio	Lower	Upper
88	100		
58	69.2	56.2	84.2
43	23.9	19.2	28.8



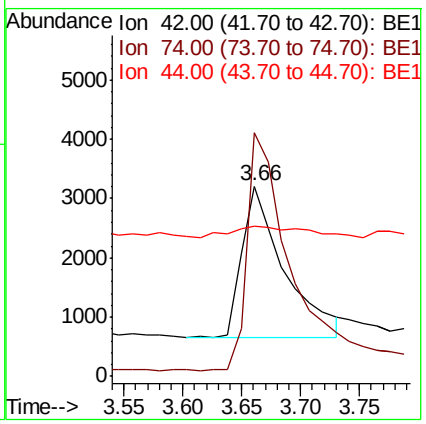


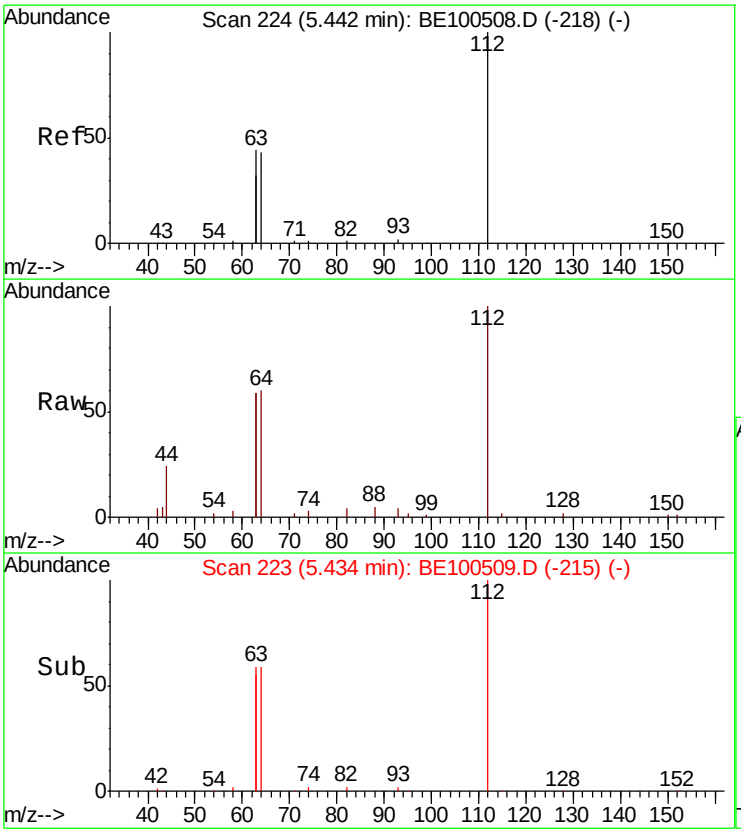
#3
n-Nitrosodimethylamine
Concen: 0.868 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 6339

Ion	Ratio	Lower	Upper
42	100		
74	157.1	127.2	190.8
44	12.2	18.2	27.4#

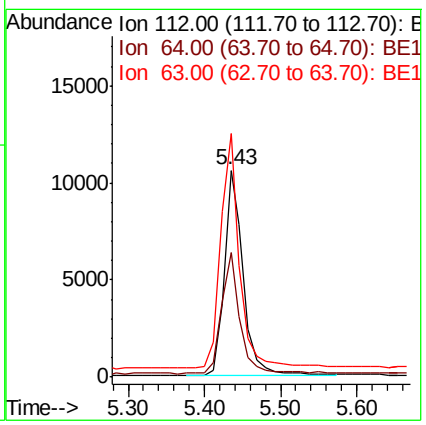


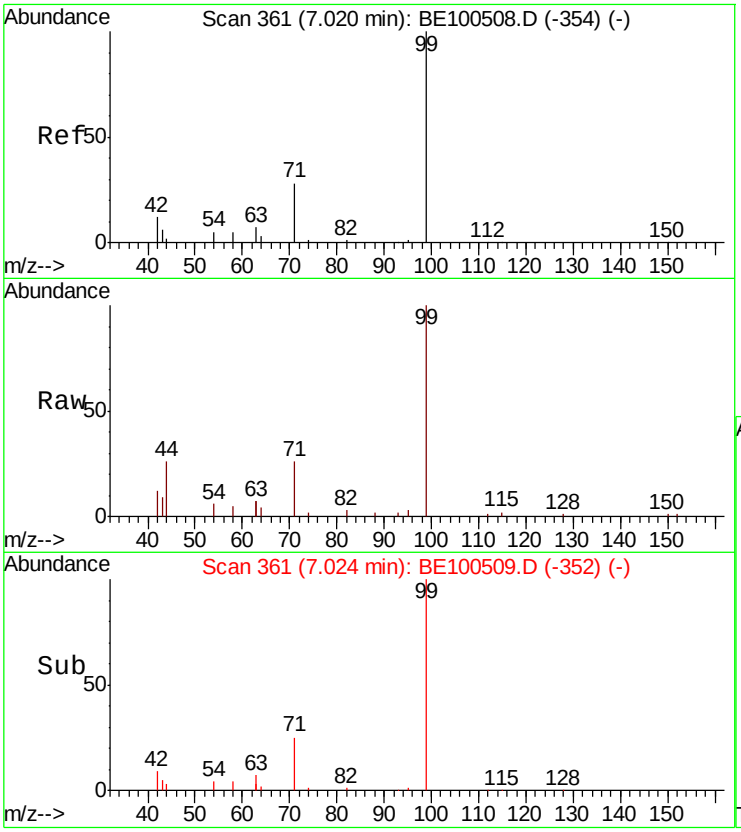


#4
2-Fluorophenol
Concen: 0.958 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:112 Resp: 18640

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.2	69.2
63	115.9	88.2	132.4



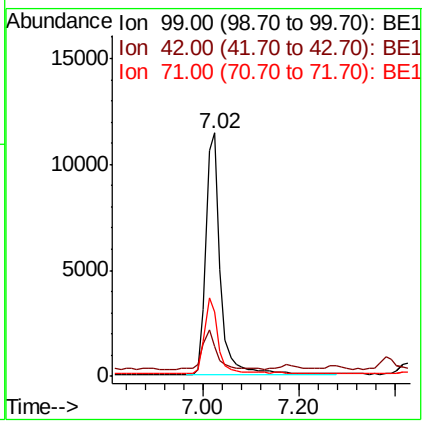


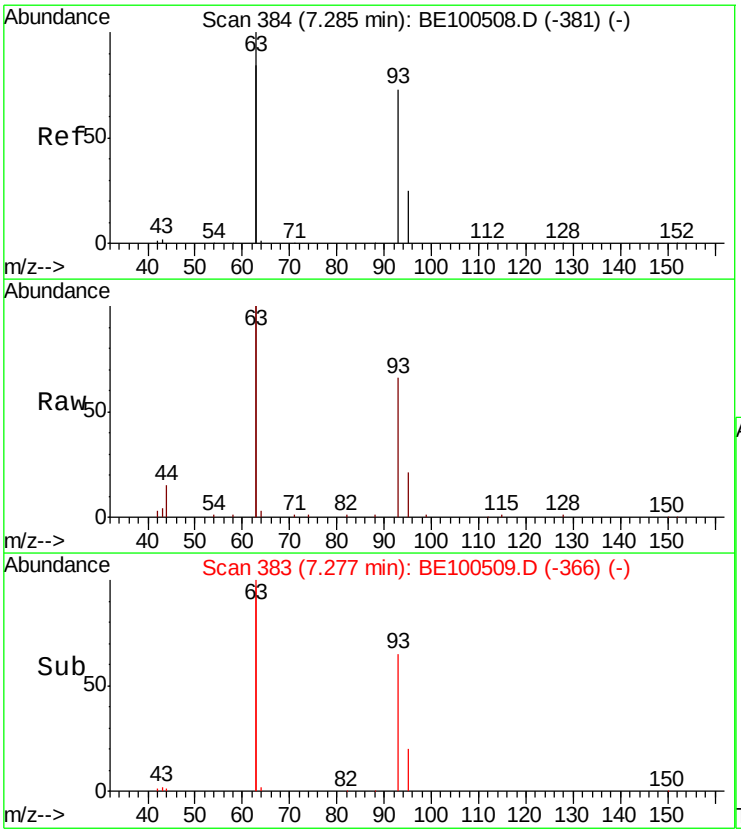
#5
Phenol-d6
Concen: 0.887 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 24672

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.0	18.0
71	30.2	22.7	34.1

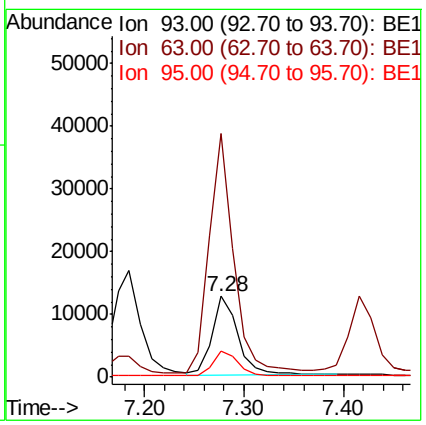


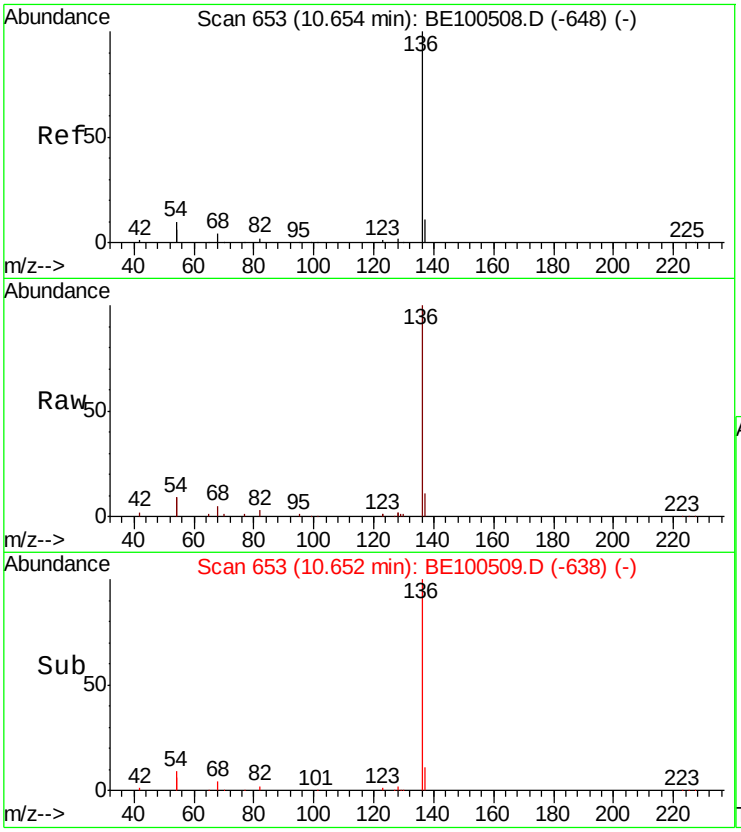


#6
bis(2-Chloroethyl)ether
Concen: 0.953 ng
RT: 7.28 min Scan# 383
Delta R.T. -0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion: 93 Resp: 22738

Ion	Ratio	Lower	Upper
93	100		
63	288.5	228.3	342.5
95	31.4	24.6	36.8



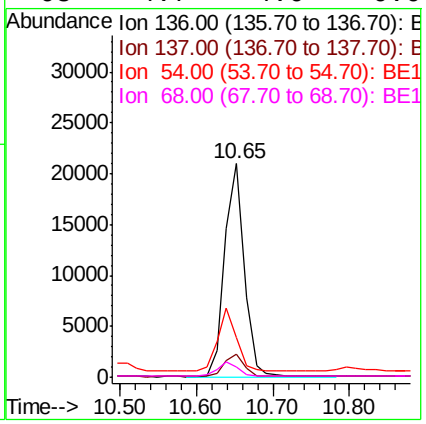


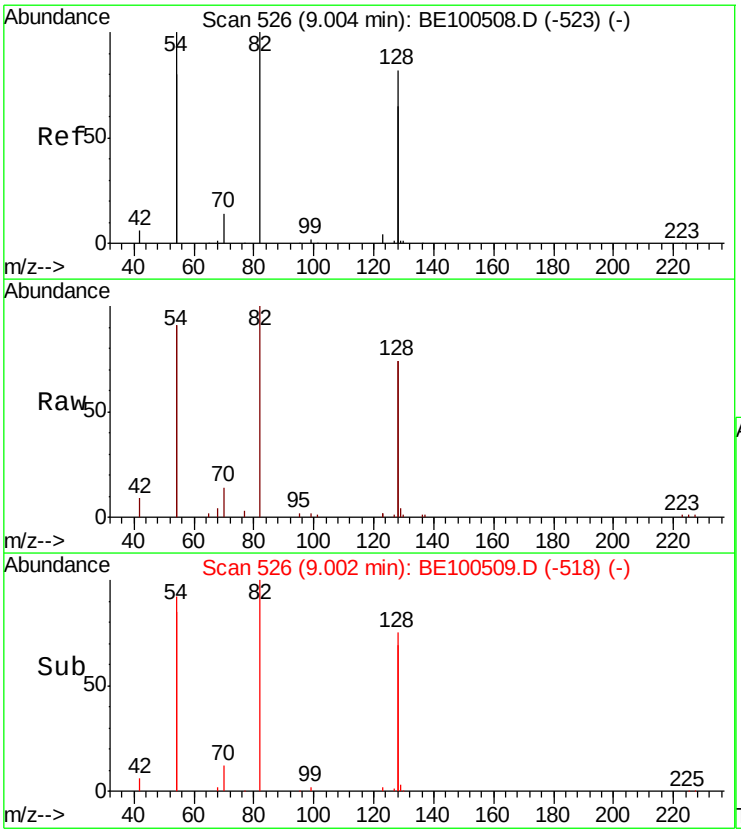
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 37347

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	18.4	15.4	23.0
68	4.7	4.0	6.0

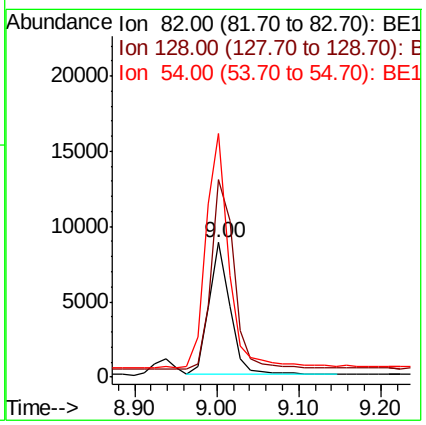


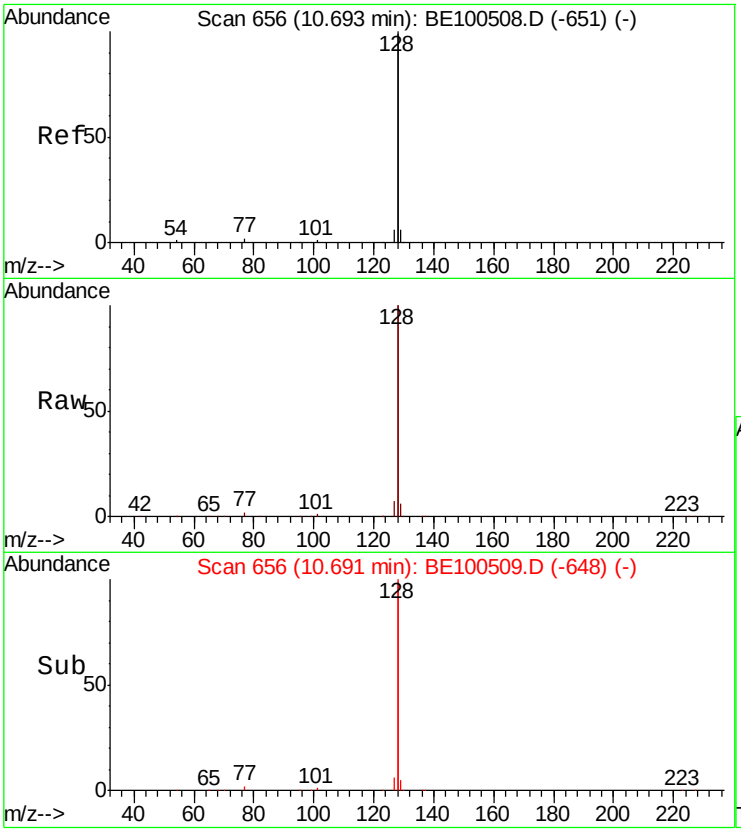


#8
Nitrobenzene-d5
Concen: 0.504 ng
RT: 9.00 min Scan# 526
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion: 82 Resp: 15656

Ion	Ratio	Lower	Upper
82	100		
128	147.5	124.6	186.8
54	181.2	151.8	227.8



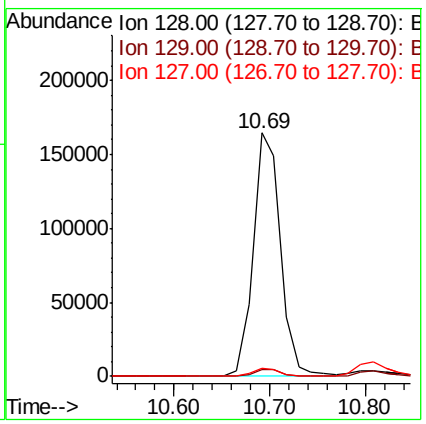


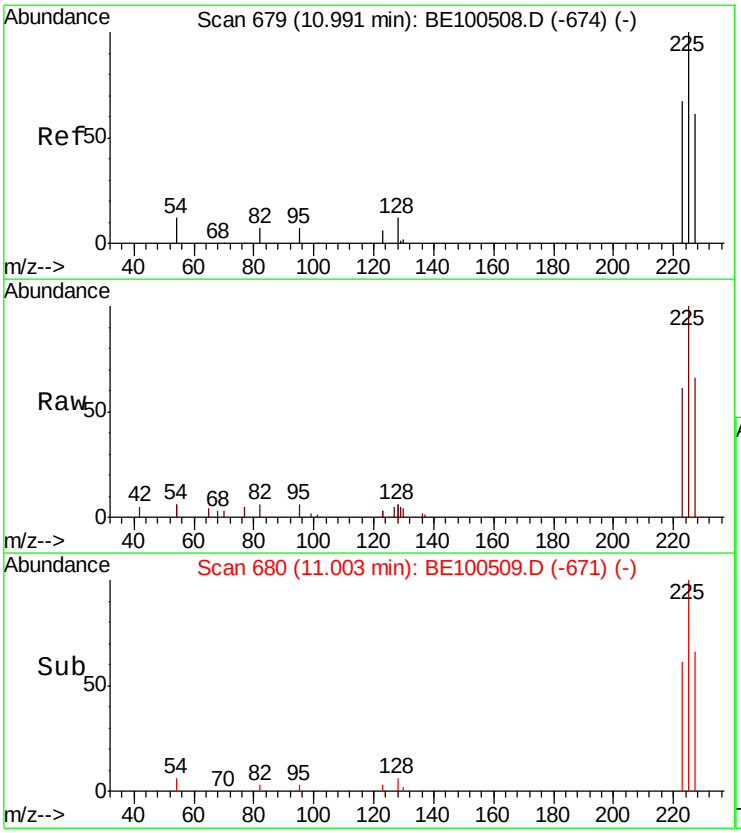
#9
Naphthalene
Concen: 0.901 ng
RT: 10.69 min Scan# 656
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 323450

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.3	2.6	4.0

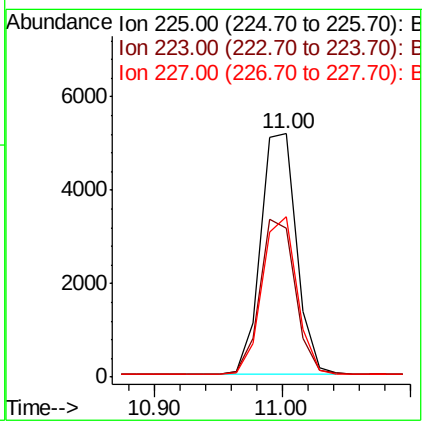


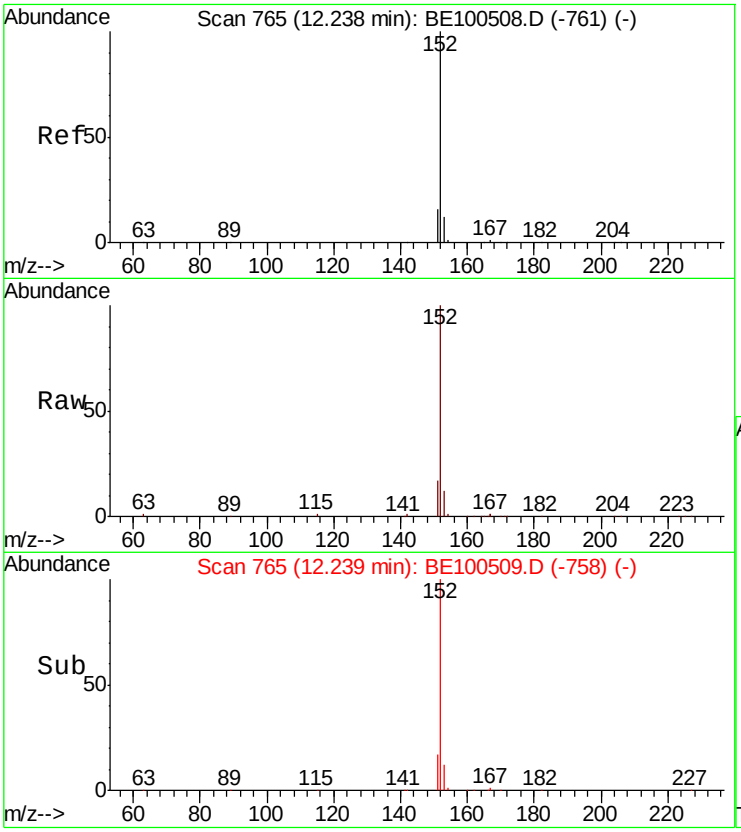


#10
Hexachlorobutadiene
Concen: 0.588 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:225 Resp: 10078

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	63.6	51.6	77.4



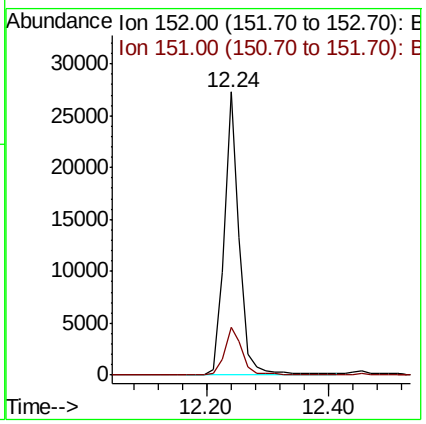


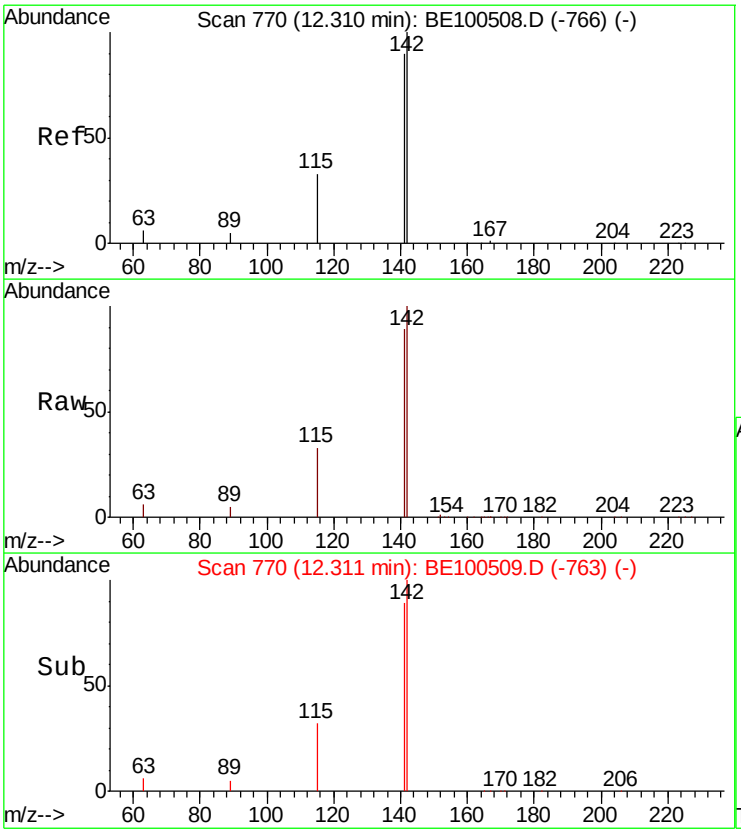
#11
2-Methylnaphthalene-d10
Concen: 0.764 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 47274

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8

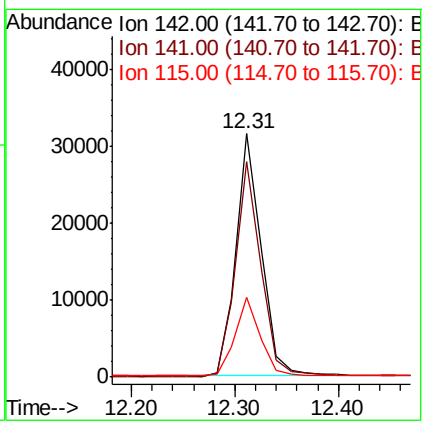


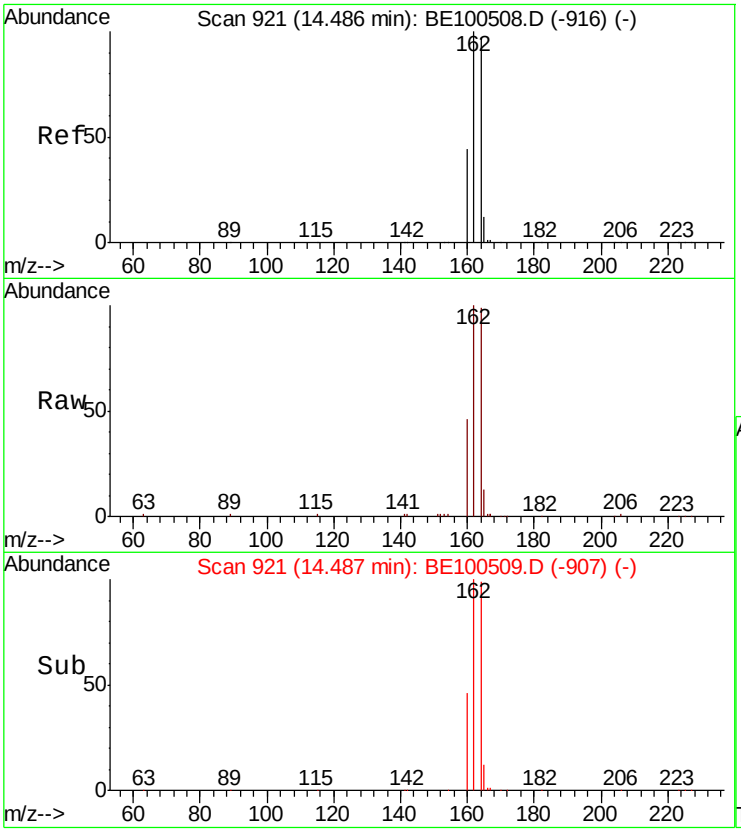


#12
2-Methylnaphthalene
Concen: 0.828 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:142 Resp: 53415

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
115	32.5	27.4	41.2



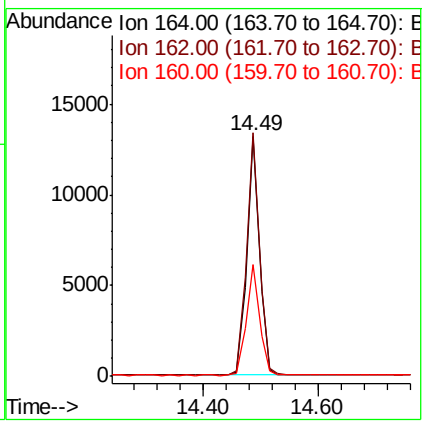


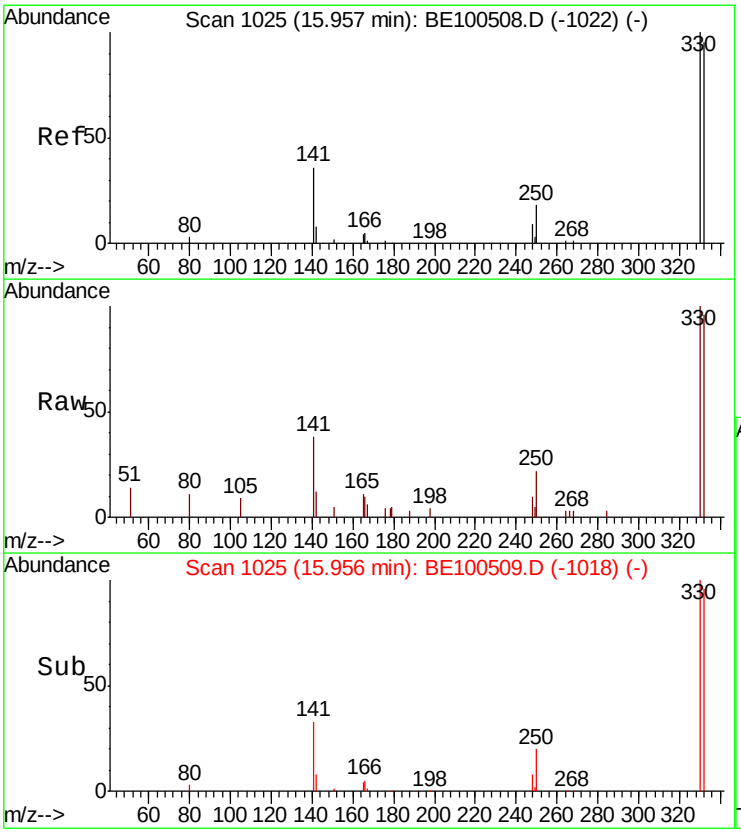
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 20184

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.8	124.2
160	46.4	36.8	55.2

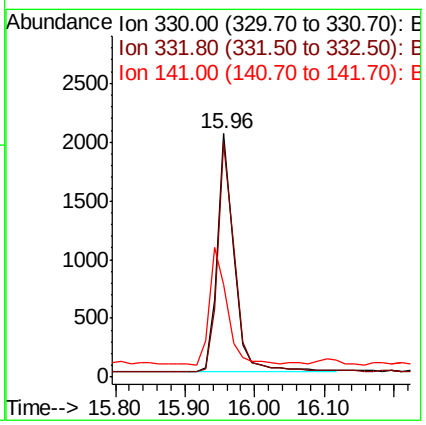


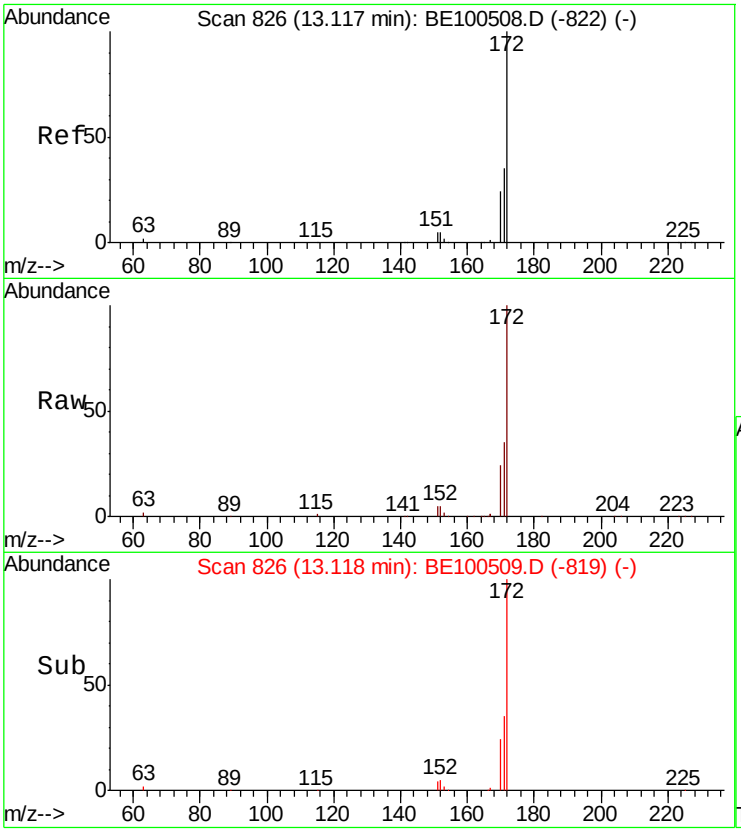


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:330 Resp: 3364

Ion	Ratio	Lower	Upper
330	100		
332	98.2	80.2	120.2
141	51.5	43.7	65.5



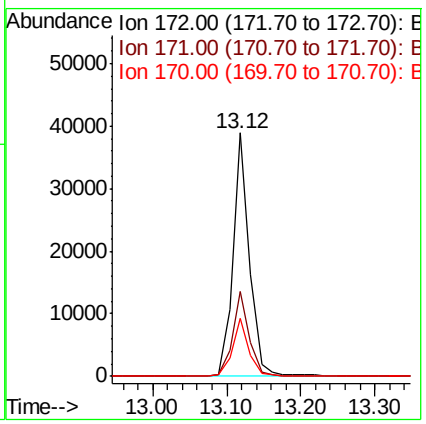


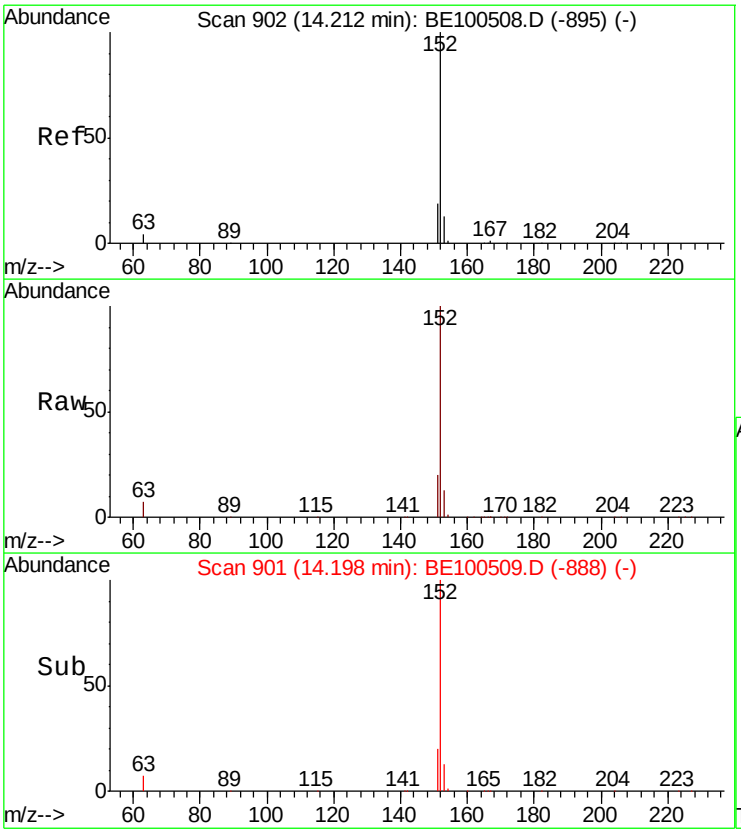
#15
2-Fluorobiphenyl
Concen: 0.734 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 60216

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.4	42.6
170	23.7	19.2	28.8

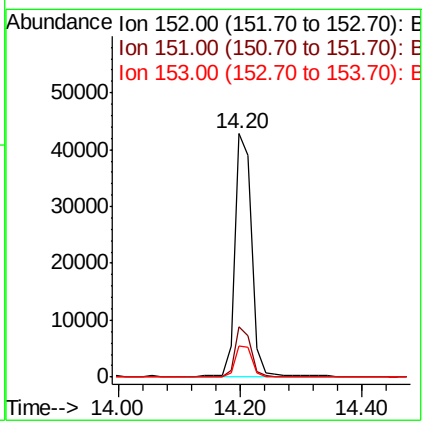


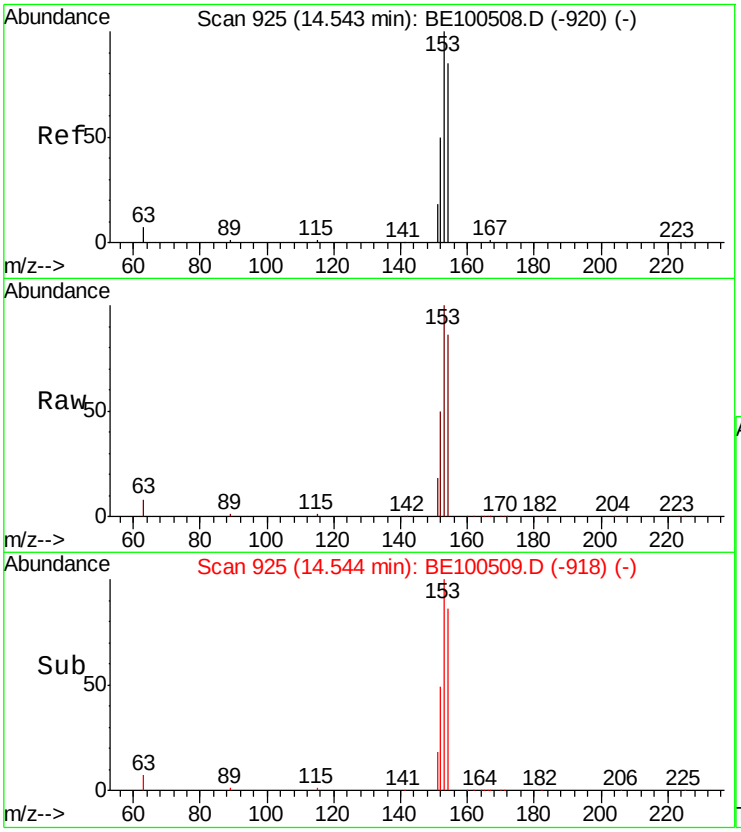


#16
Acenaphthylene
Concen: 0.879 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:152 Resp: 82024

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.1	10.2	15.2



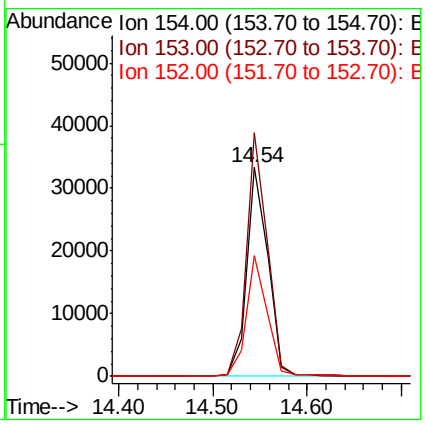


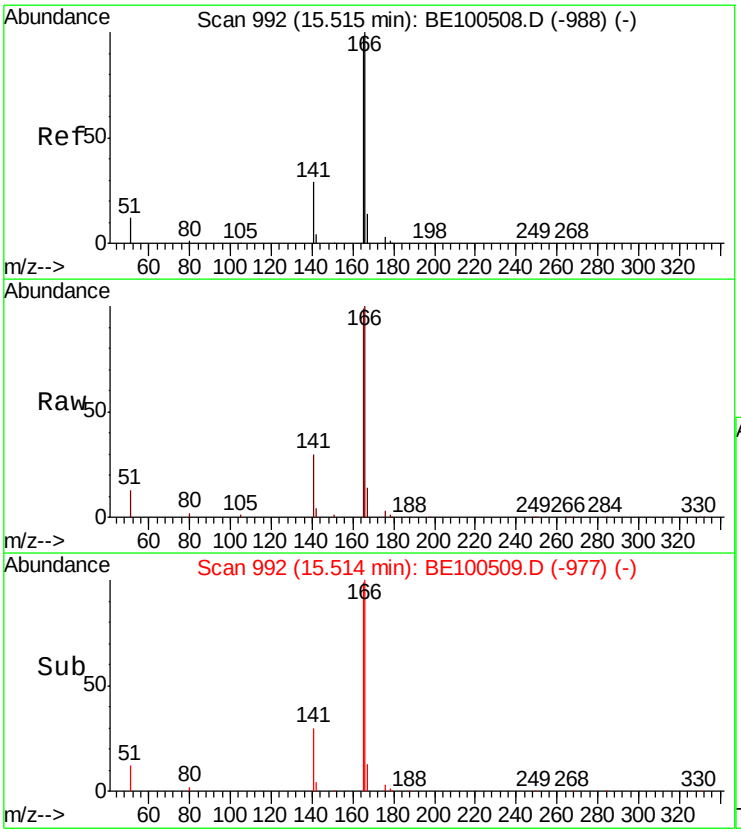
#17
Acenaphthene
Concen: 0.923 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 51879

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.5	137.3
152	56.3	44.9	67.3

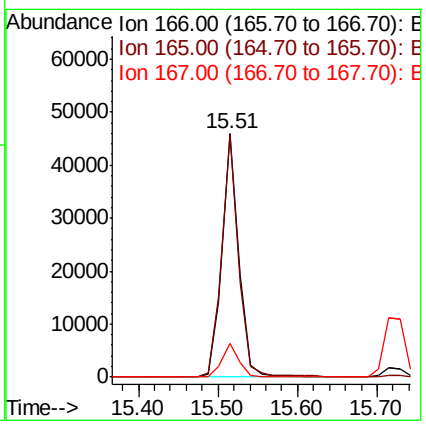


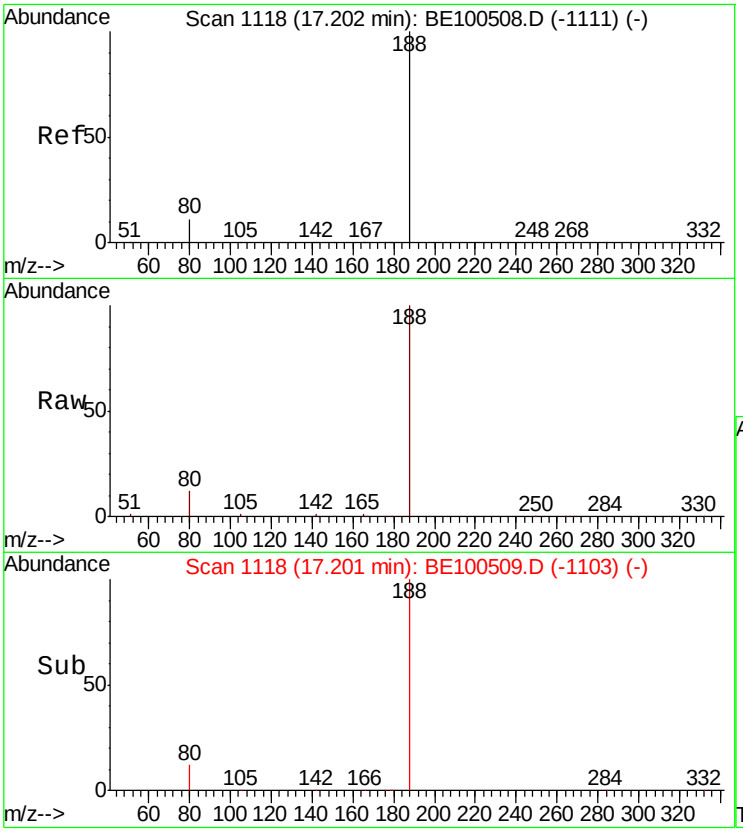


#18
Fluorene
Concen: 0.893 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:166 Resp: 66905

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.9	118.3
167	13.5	10.9	16.3



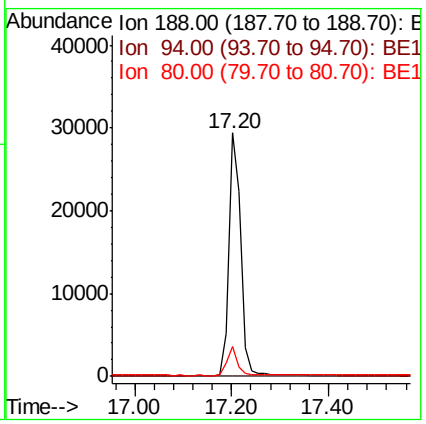


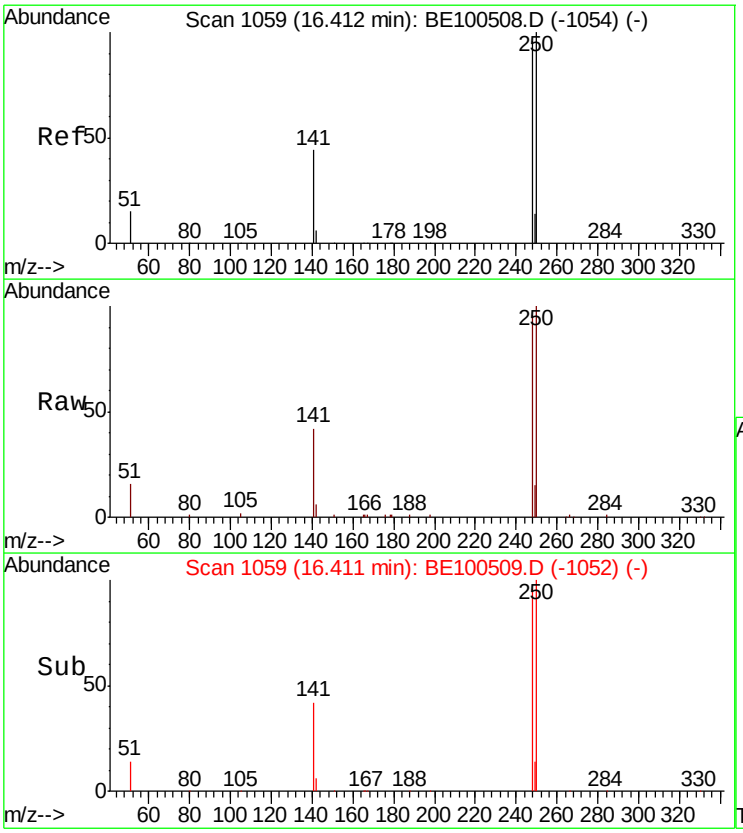
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 50181

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	9.0	13.6

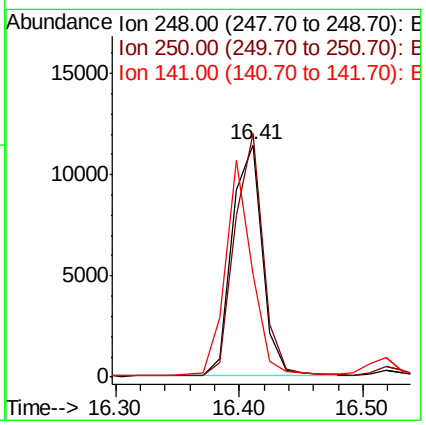


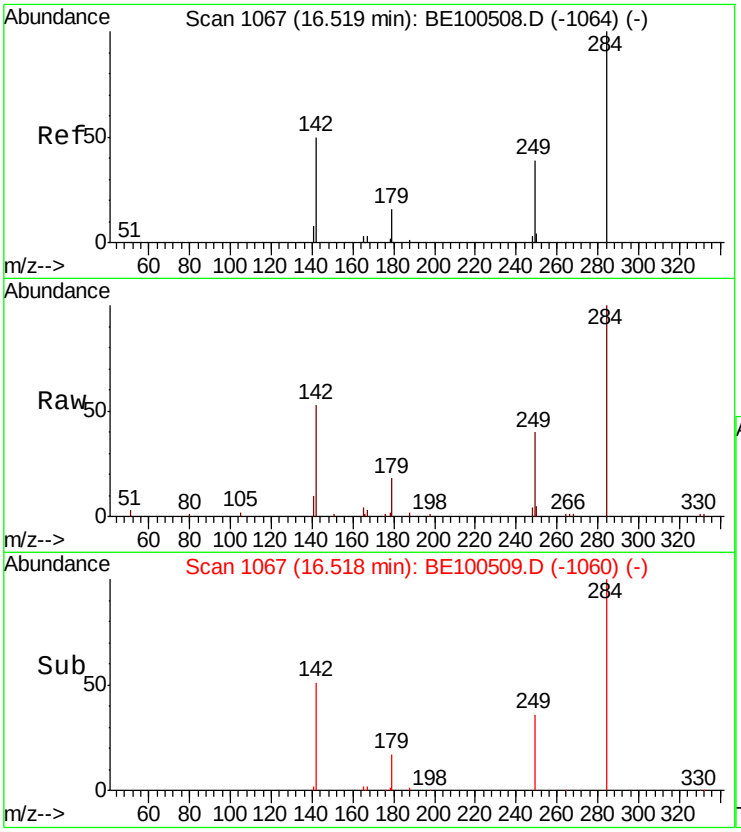


#20
4-Bromophenyl-phenylether
Concen: 0.815 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:248 Resp: 19466

Ion	Ratio	Lower	Upper
248	100		
250	104.7	83.0	124.4
141	44.2	38.0	57.0



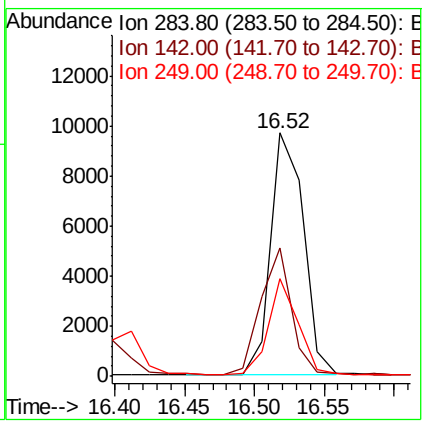


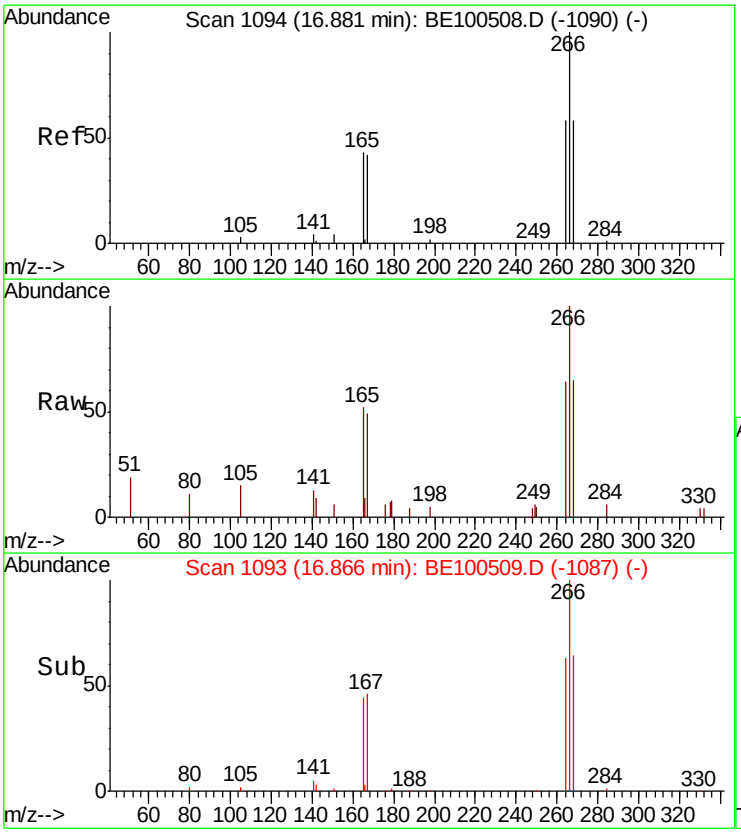
#21
Hexachlorobenzene
Concen: 0.647 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 15898

Ion	Ratio	Lower	Upper
284	100		
142	47.8	38.2	57.4
249	34.9	28.8	43.2

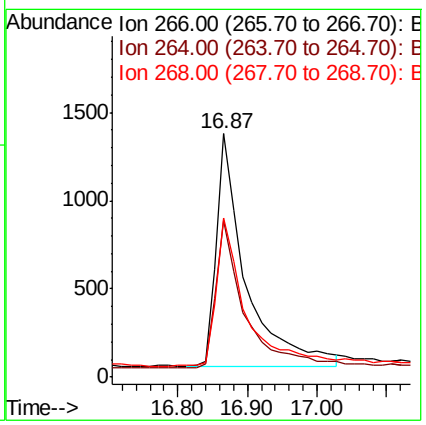


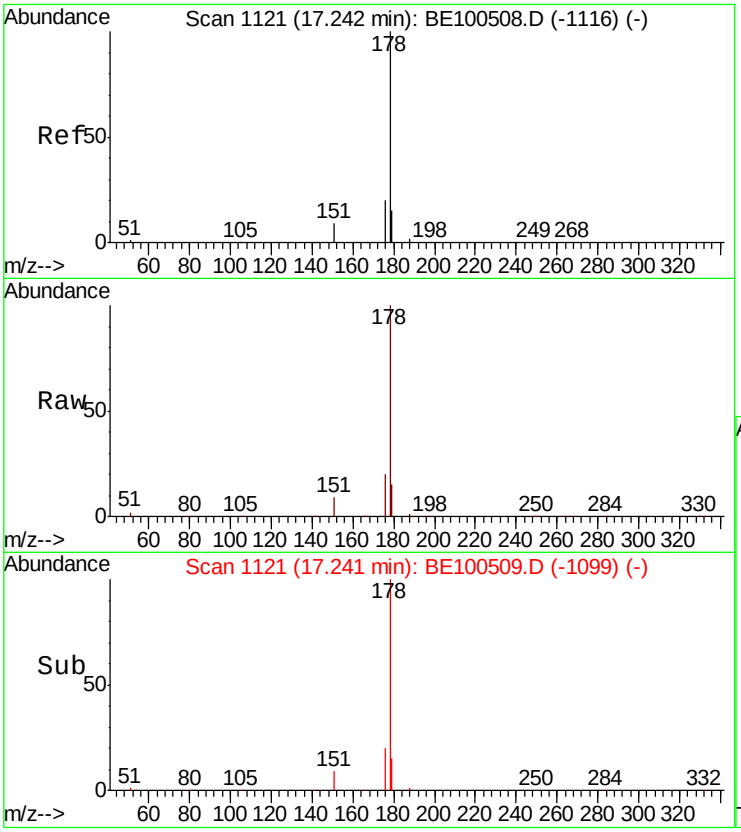


#22
Pentachlorophenol
Concen: 0.367 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:266 Resp: 3805

Ion	Ratio	Lower	Upper
266	100		
264	64.4	48.6	73.0
268	65.4	52.3	78.5



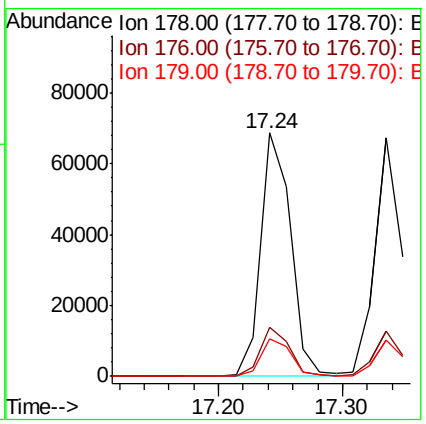


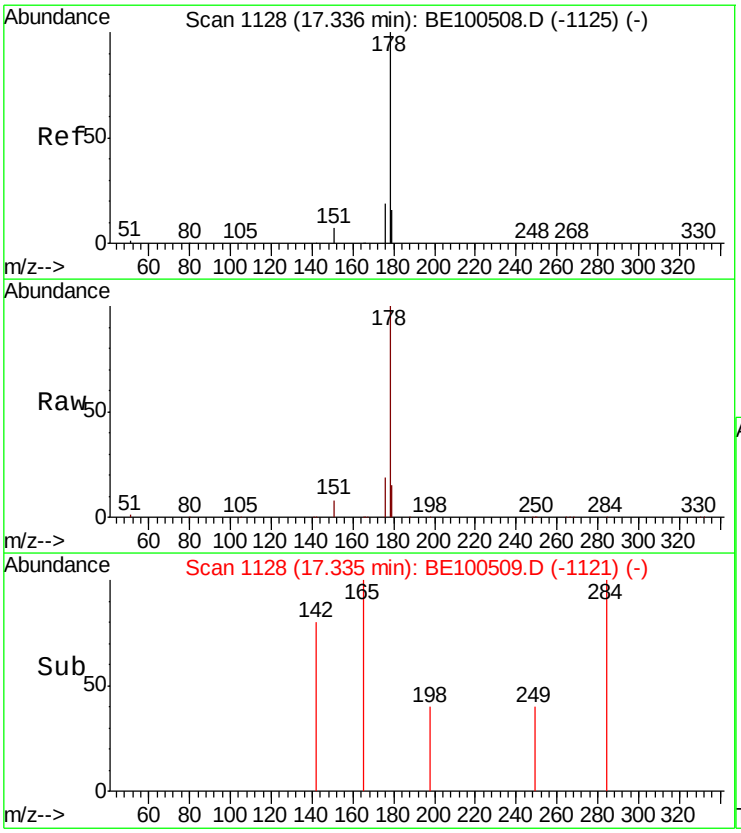
#23
Phenanthrene
Concen: 0.934 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 114816

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.4	18.6

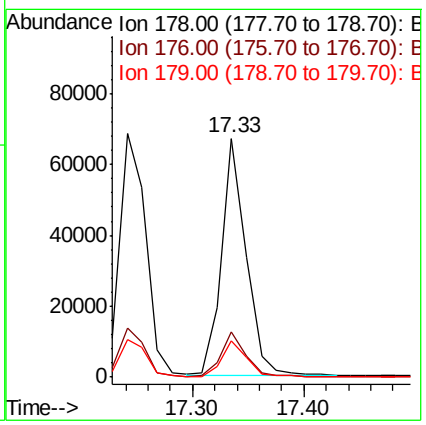


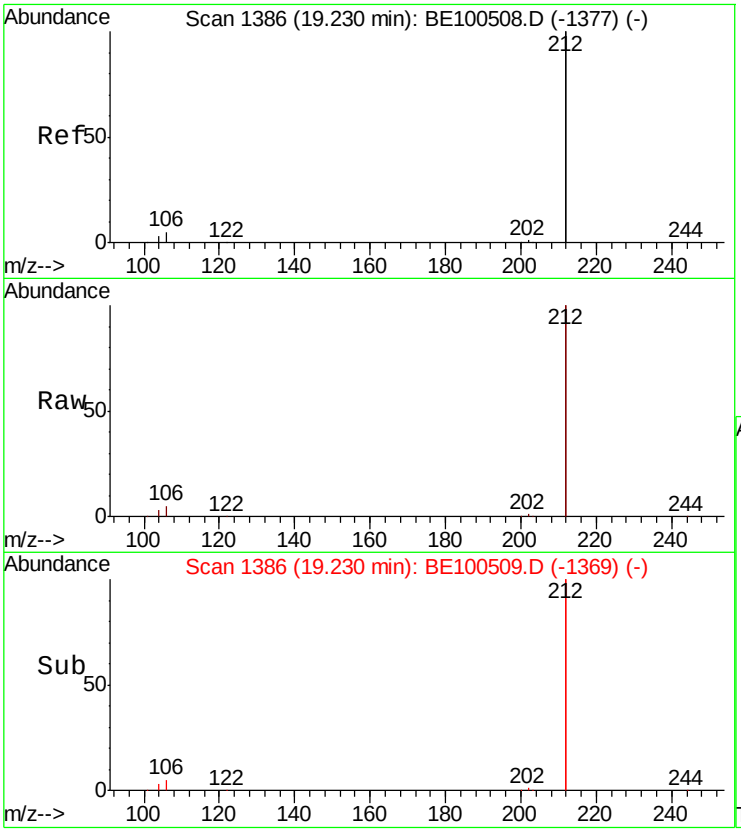


#24
Anthracene
Concen: 0.872 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:178 Resp: 102130

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.3	12.4	18.6



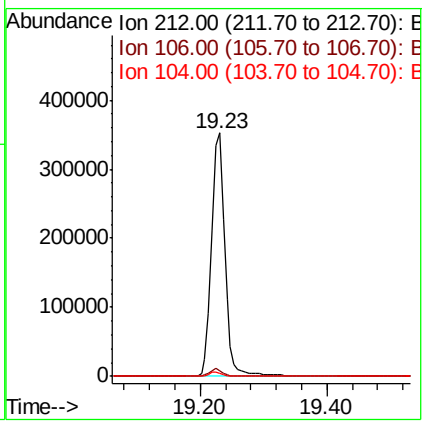


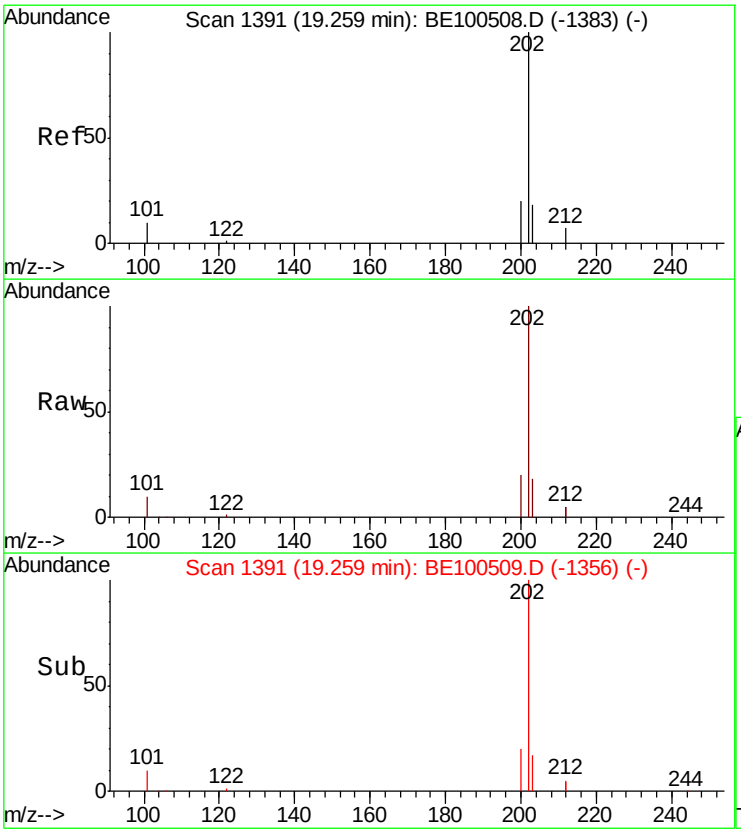
#25
Fluoranthene-d10
Concen: 0.743 ng
RT: 19.23 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 510398

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

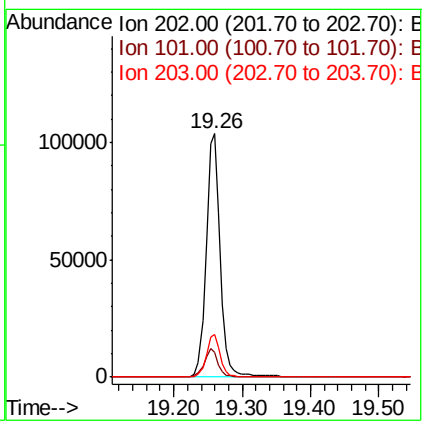


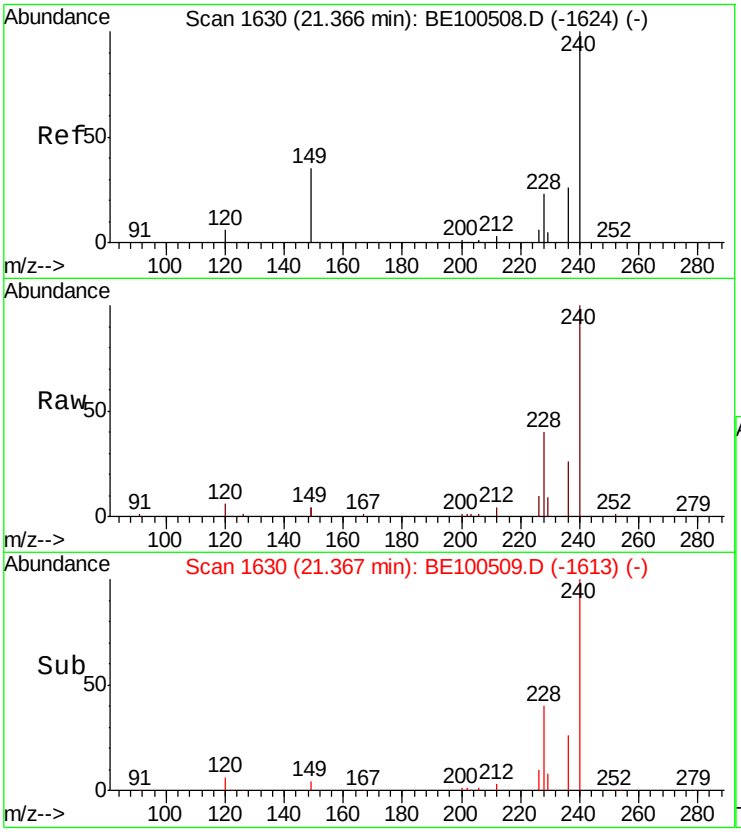


#26
Fluoranthene
Concen: 0.827 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:202 Resp: 146440

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
203	17.2	13.8	20.8



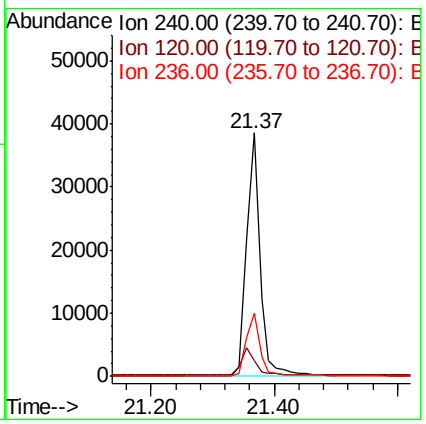


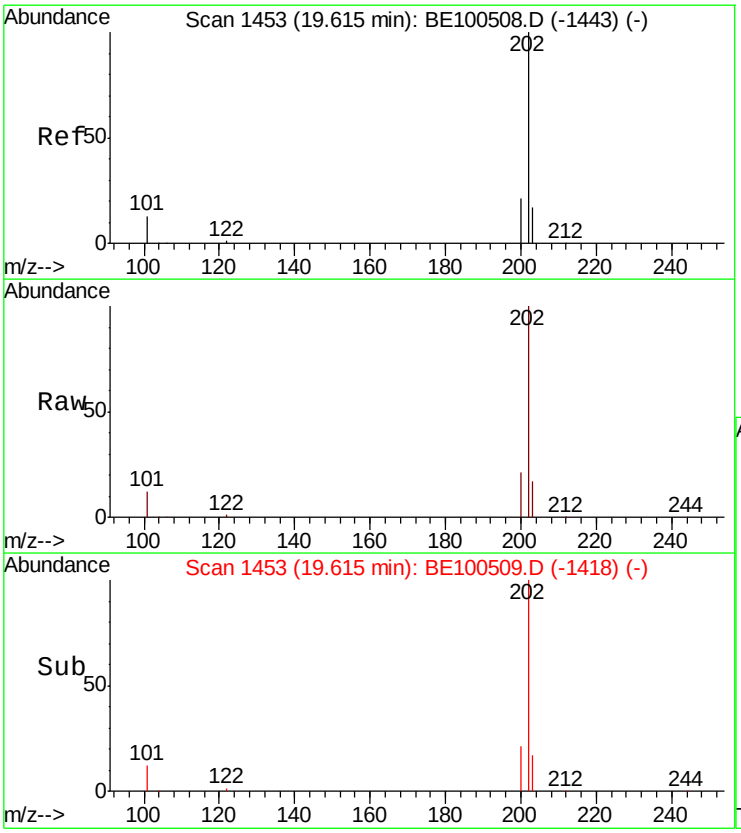
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 58796

Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.1	7.7
236	25.9	20.9	31.3

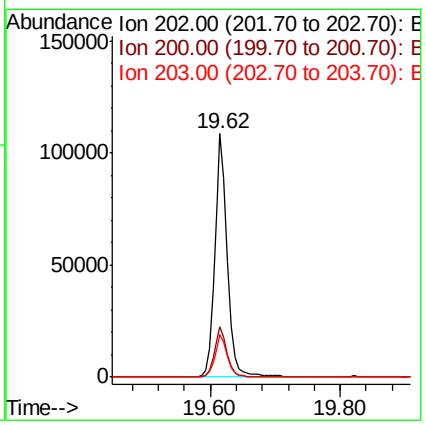


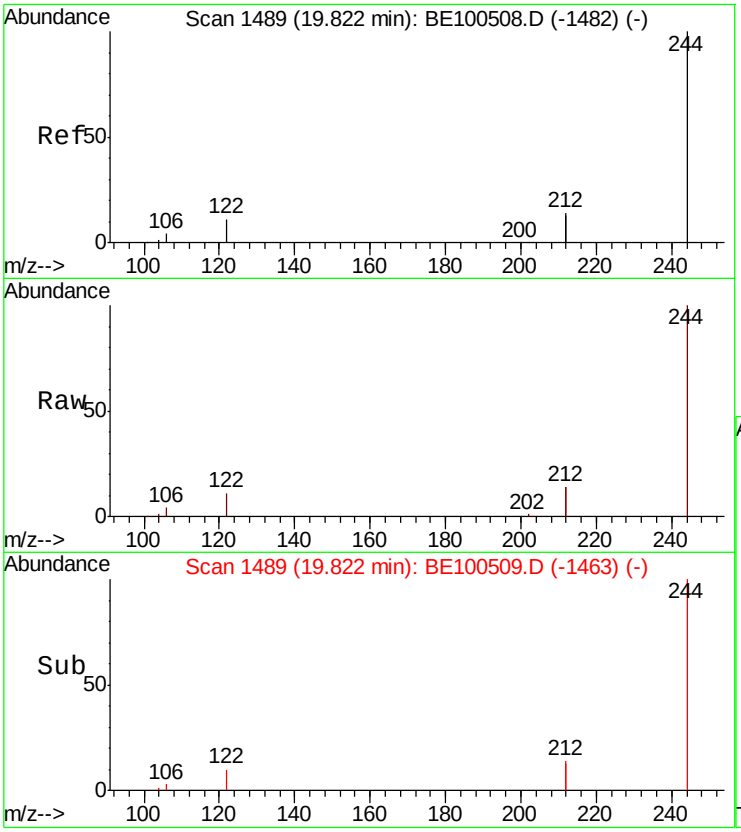


#28
Pyrene
Concen: 0.812 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:202 Resp: 148710

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	13.9	20.9



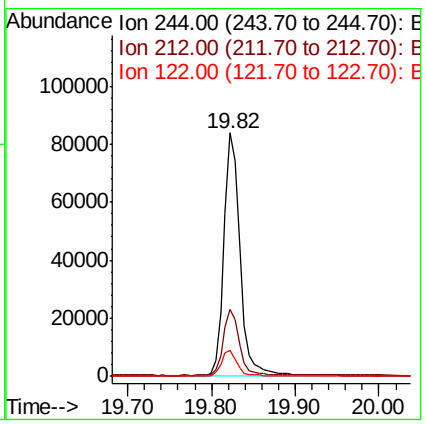


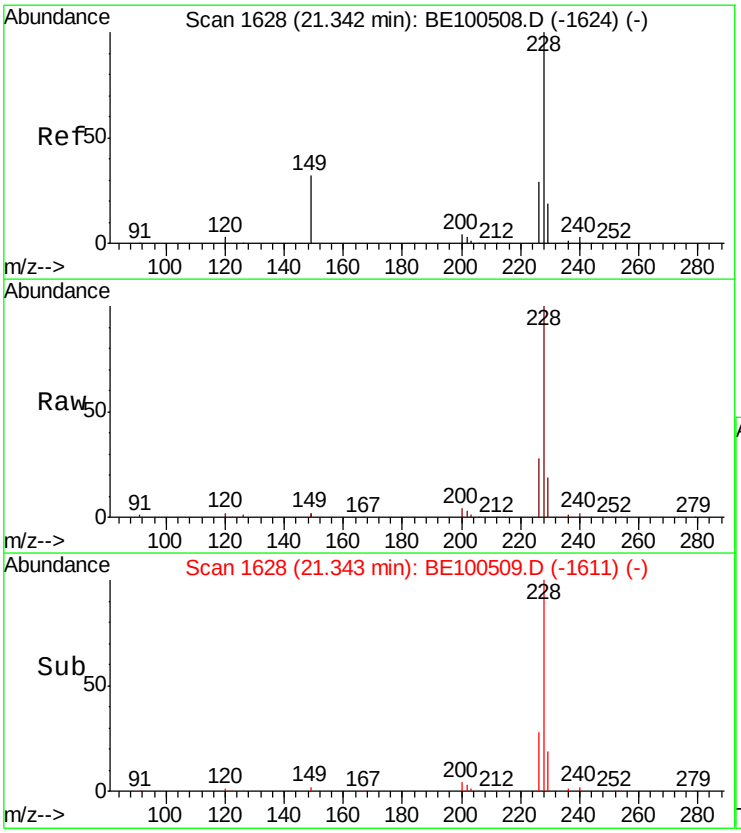
#29
Terphenyl-d14
Concen: 0.784 ng
RT: 19.82 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 113758

Ion	Ratio	Lower	Upper
244	100		
212	27.4	22.8	34.2
122	10.6	9.0	13.4

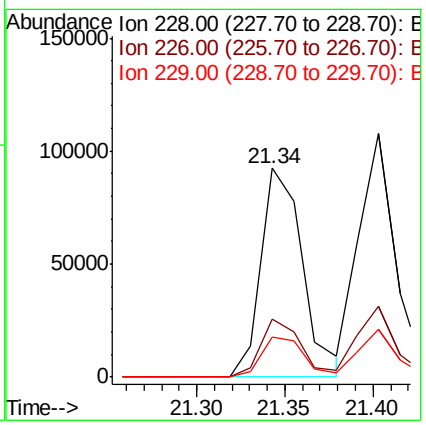


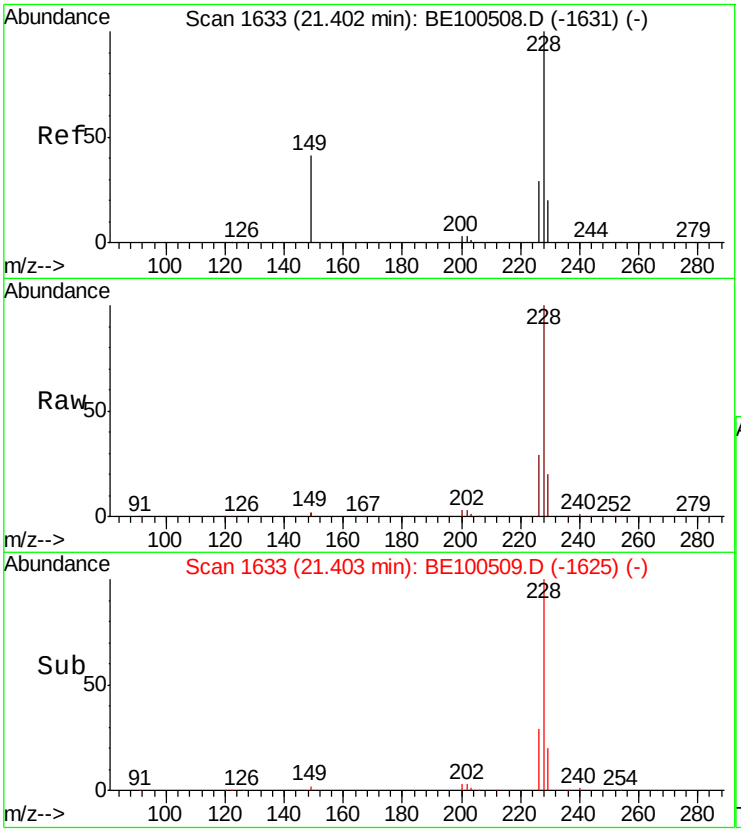


#30
Benzo(a)anthracene
Concen: 0.843 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:228 Resp: 151270

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.1	34.7
229	19.2	15.3	22.9



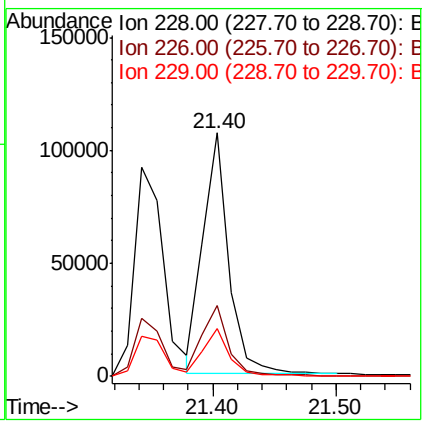


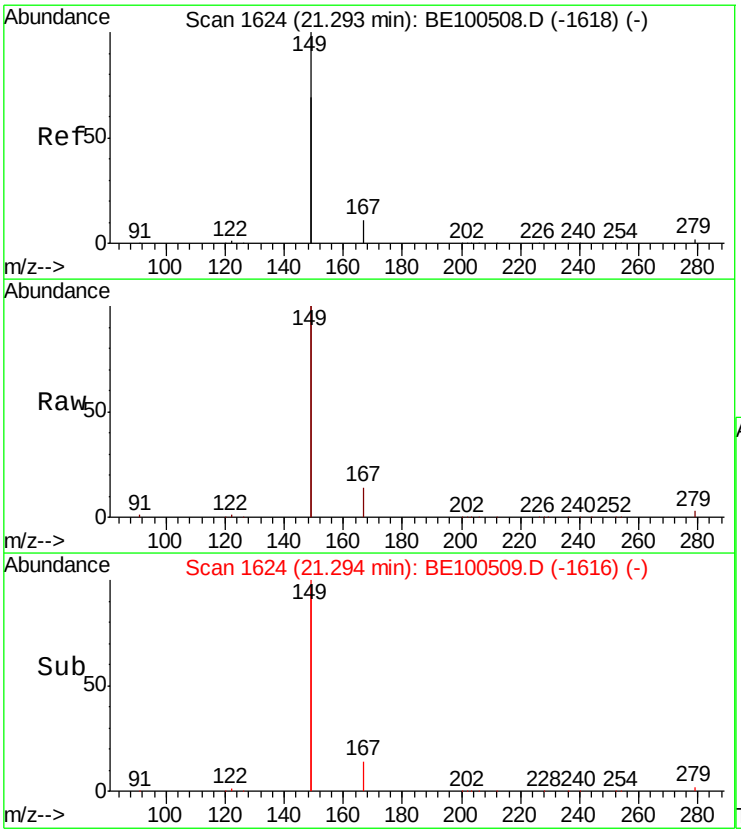
#31
Chrysene
Concen: 0.871 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 154389

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.8	15.8	23.8

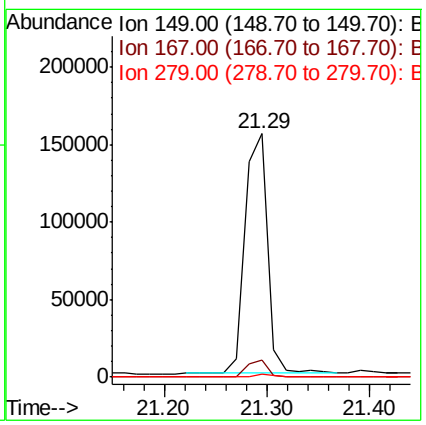


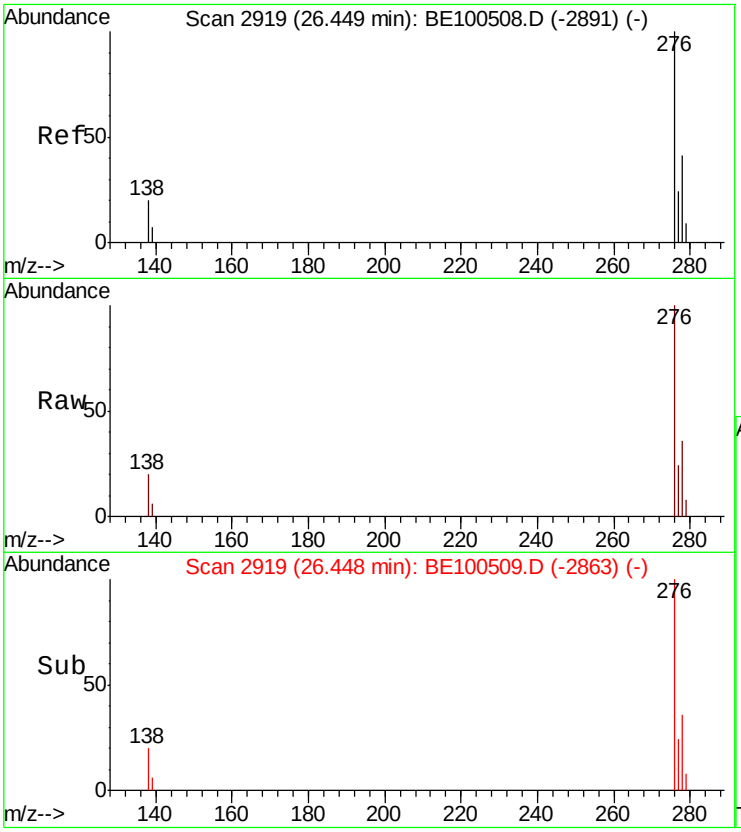


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.571 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:149 Resp: 235315

Ion	Ratio	Lower	Upper
149	100		
167	6.6	3.5	5.3#
279	1.1	0.6	0.8#



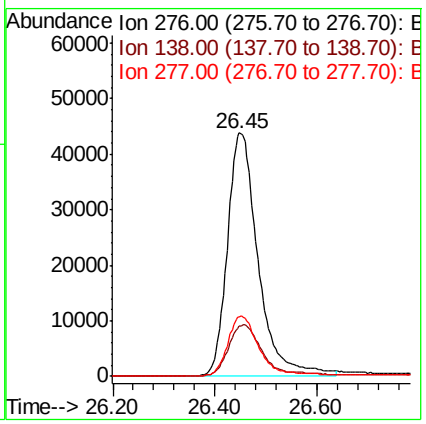


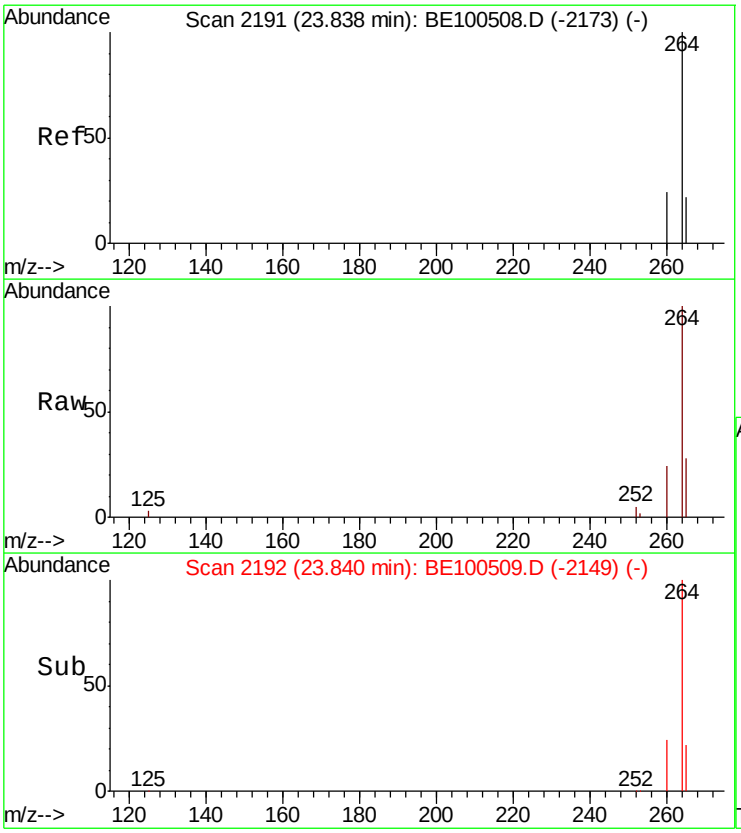
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.947 ng
RT: 26.45 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 182931

Ion	Ratio	Lower	Upper
276	100		
138	22.9	17.8	26.8
277	25.0	19.0	28.6

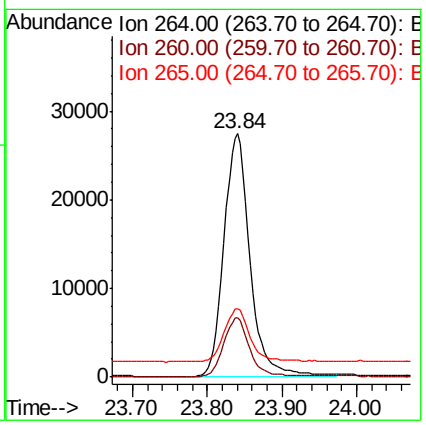


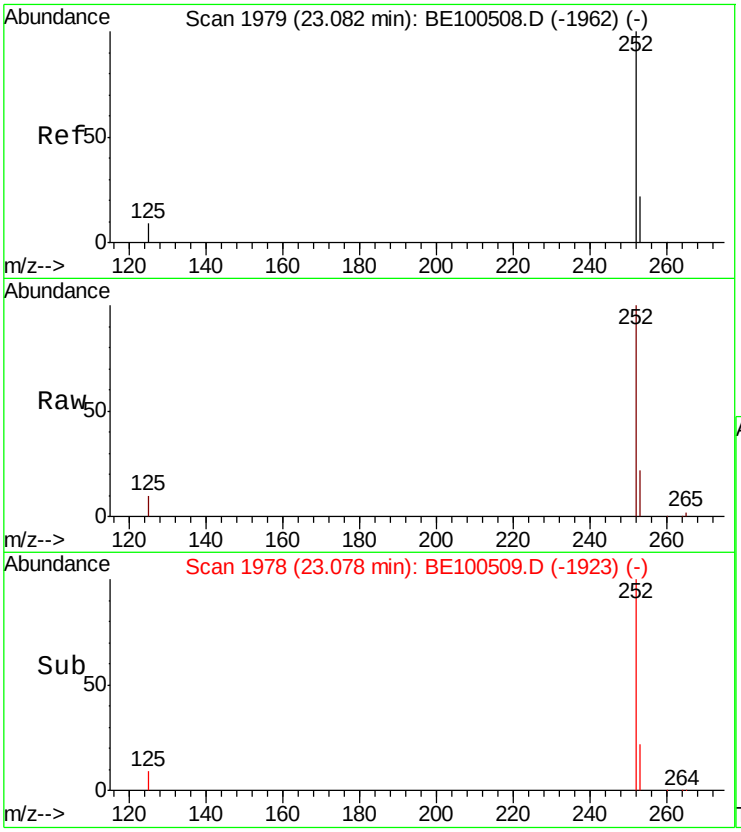


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:264 Resp: 66066

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	27.8	23.0	34.4



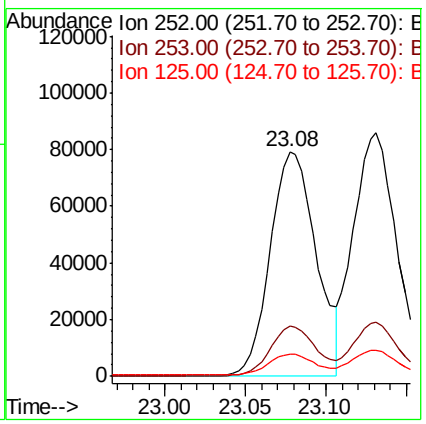


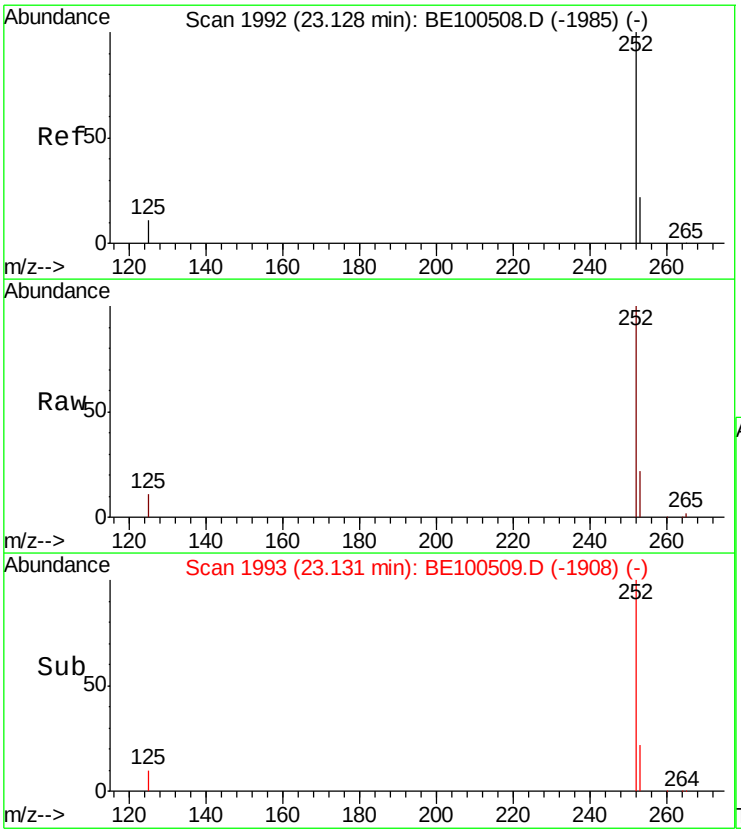
#35
Benzo(b)fluoranthene
Concen: 0.868 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 157054

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.8	8.6	13.0

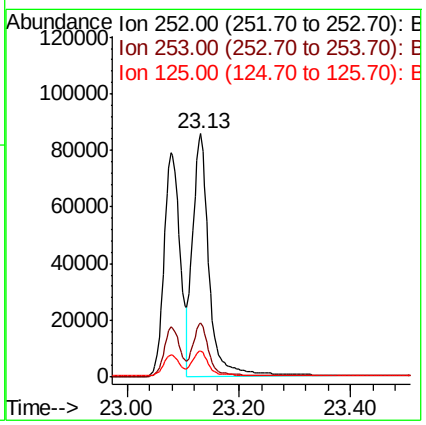


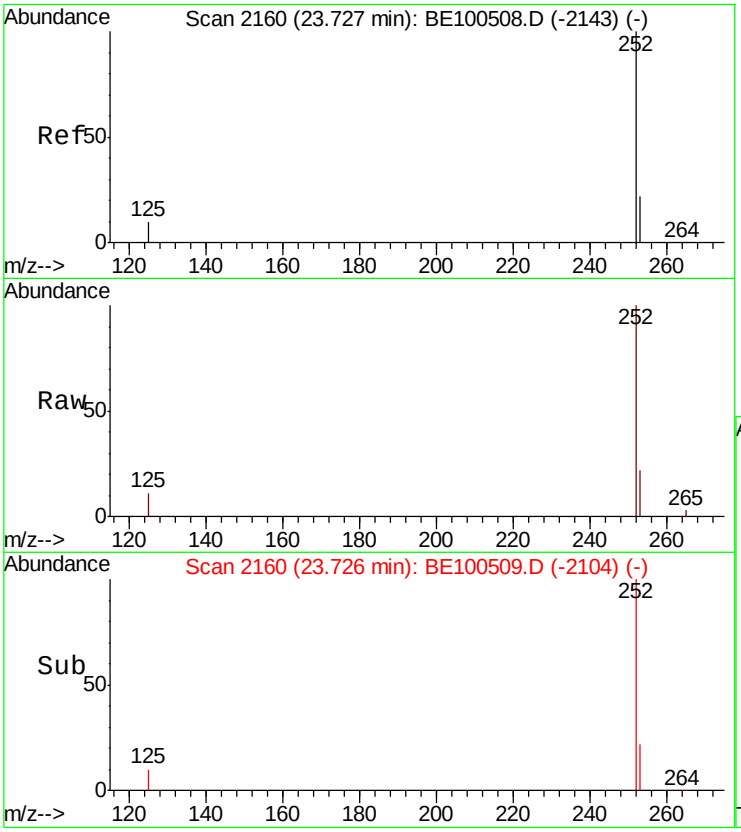


#36
Benzo(k)fluoranthene
Concen: 0.919 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:252 Resp: 174400

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.7	9.3	13.9



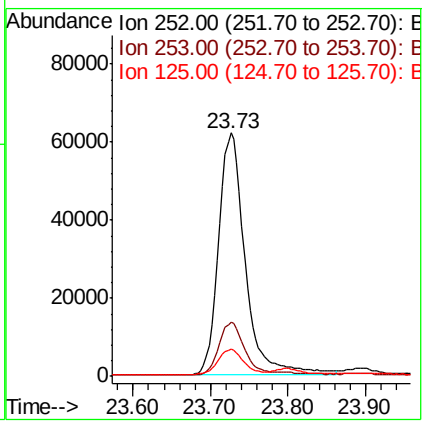


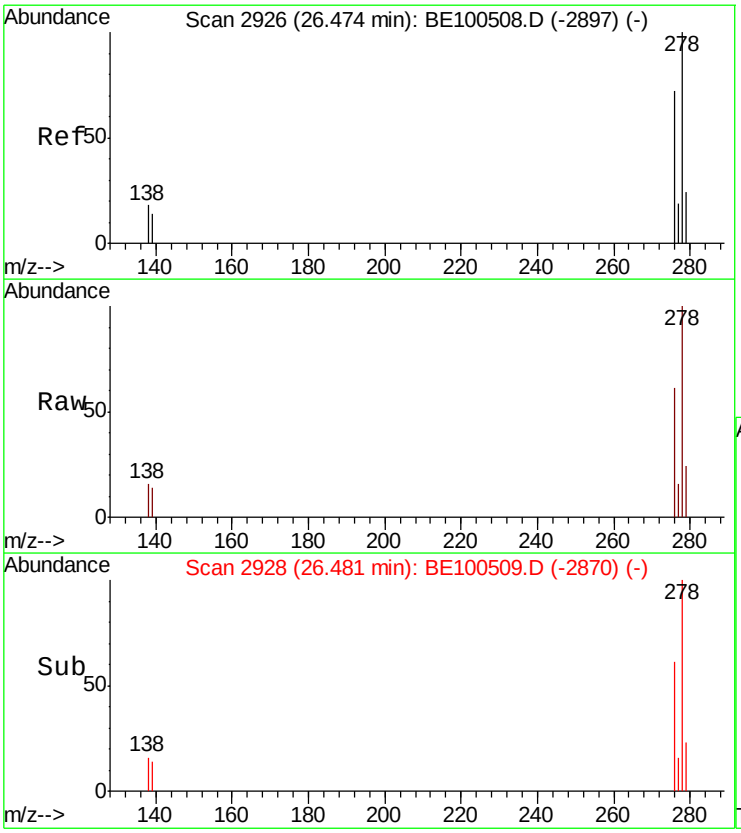
#37
Benzo(a)pyrene
Concen: 0.846 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 148753

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.1	9.7	14.5

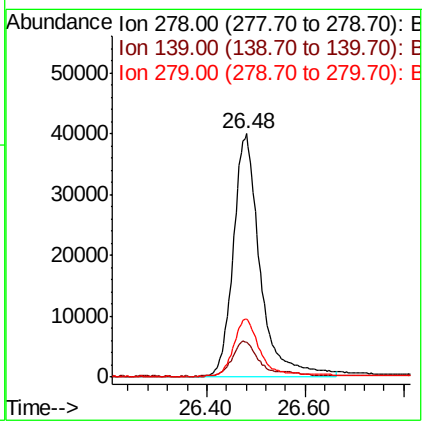


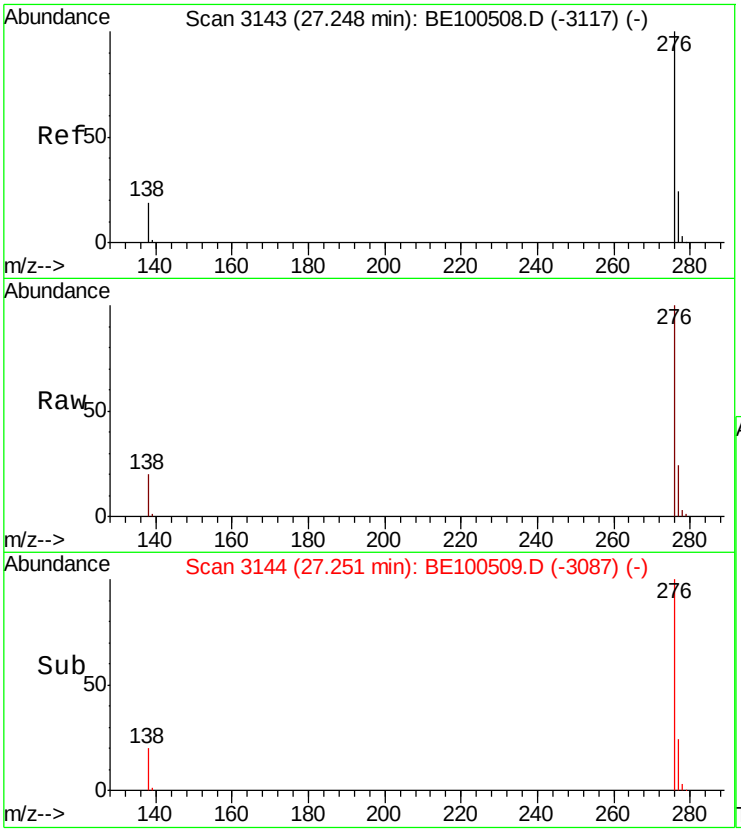


#38
Dibenzo(a,h)anthracene
Concen: 0.907 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.01 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Tgt Ion:278 Resp: 150674

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.1	18.1
279	23.8	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.910 ng
RT: 27.25 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BE100509.D
Acq: 18 Sep 2019 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 154740

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	20.0	16.0	24.0