Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100323.D
Acq On : 3 Jul 2019 11:46
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 04 00:34:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	427	0.40	ng		0.00
7) Naphthalene-d8	10.45	136	1543	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	1331	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	4148	0.40	ng		0.01
27) Chrysene-d12	21.26	240	5436	0.40	ng		0.01
34) Perylene-d12	23.68	264	6681	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	97	0.09	ng		0.00
5) Phenol-d6	6.86	99	510	0.36	ng		0.02
8) Nitrobenzene-d5	8.83	82	513	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.05	152	1265	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	86	0.09	ng		0.08
15) 2-Fluorobiphenyl	12.96	172	2146	0.41	ng		0.02
25) Fluoranthene-d10	19.10	212	26469	0.44	ng		0.00
29) Terphenyl-d14	19.71	244	6105	0.54	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	310	0.468	ng		92
3) n-Nitrosodimethylamine	3.46	42	144	0.466	ng	#	51
6) bis(2-Chloroethyl)ether	7.10	93	442	0.376	ng	#	63
9) Naphthalene	10.48	128	7277	0.428	ng		98
10) Hexachlorobutadiene	10.76	225	839	0.512	ng		99
12) 2-Methylnaphthalene	12.14	142	1199	0.402	ng		97
16) Acenaphthylene	14.04	152	2704	0.423	ng		100
17) Acenaphthene	14.38	154	1593	0.440	ng		99
18) Fluorene	15.37	166	2316	0.433	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	1188	0.449	ng		94
21) Hexachlorobenzene	16.36	284	1236	0.450	ng		99
23) Phenanthrene	17.11	178	4137	0.411	ng		98
24) Anthracene	17.20	178	3383	0.374	ng		100
26) Fluoranthene	19.13	202	7055	0.441	ng		98
28) Pyrene	19.49	202	7408	0.515	ng		99
30) Benzo(a)anthracene	21.23	228	6758	0.378	ng		98
31) Chrysene	21.29	228	7115	0.396	ng		100
32) Bis(2-ethylhexyl)phthalate	21.15	149	13039	0.459	ng		99
33) Indeno(1,2,3-cd)pyrene	26.23	276	8618	0.363	ng	#	93
35) Benzo(b)fluoranthene	22.93	252	6140	0.339	ng		98
36) Benzo(k)fluoranthene	22.98	252	9787	0.484	ng	#	93
37) Benzo(a)pyrene	23.57	252	7373	0.406	ng		96
38) Dibenzo(a,h)anthracene	26.27	278	6529	0.344	ng	#	87
39) Benzo(g,h,i)perylene	27.03	276	8083	0.415	ng		96

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

Quantitation Report (Not Reviewed)

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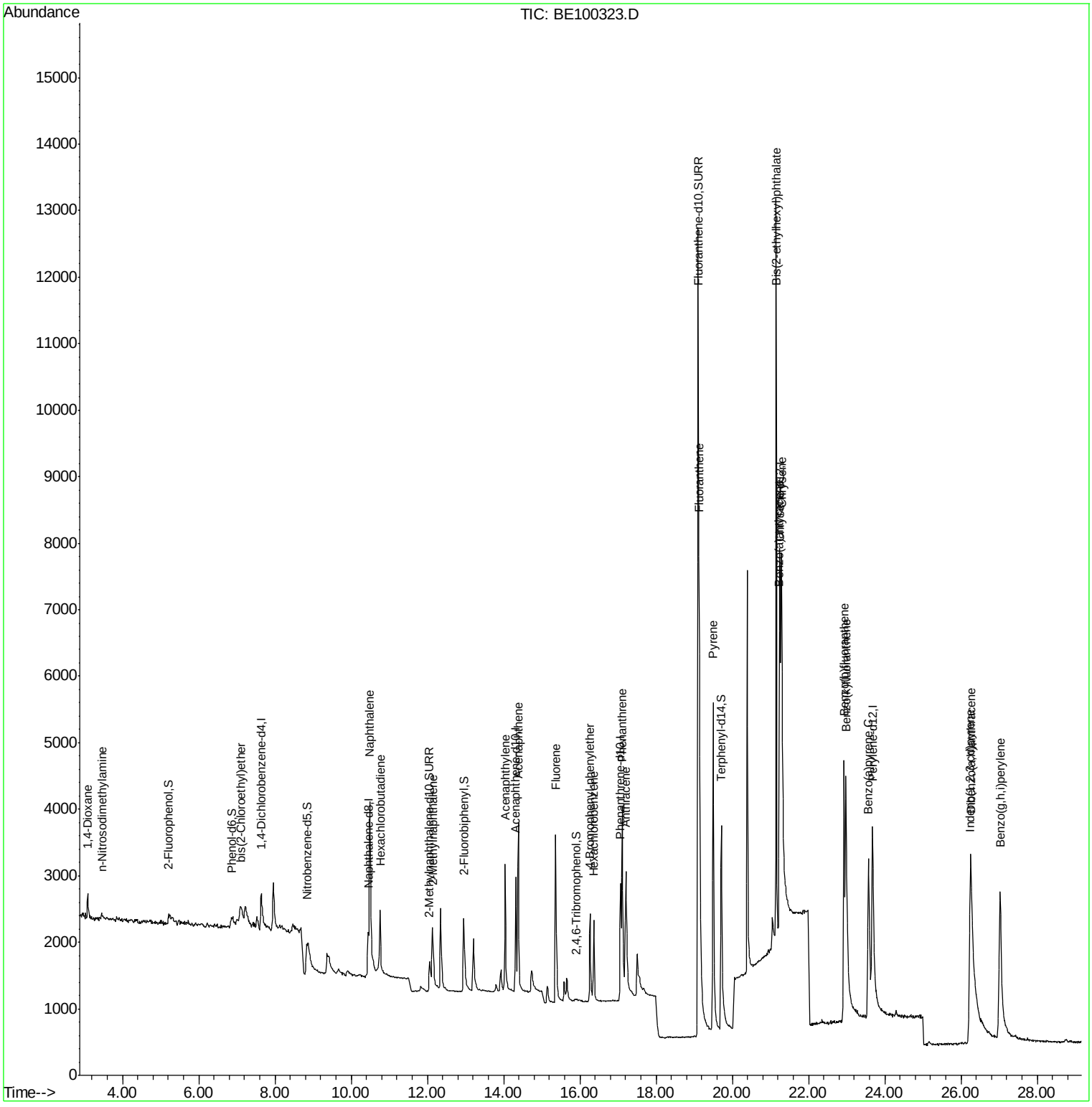
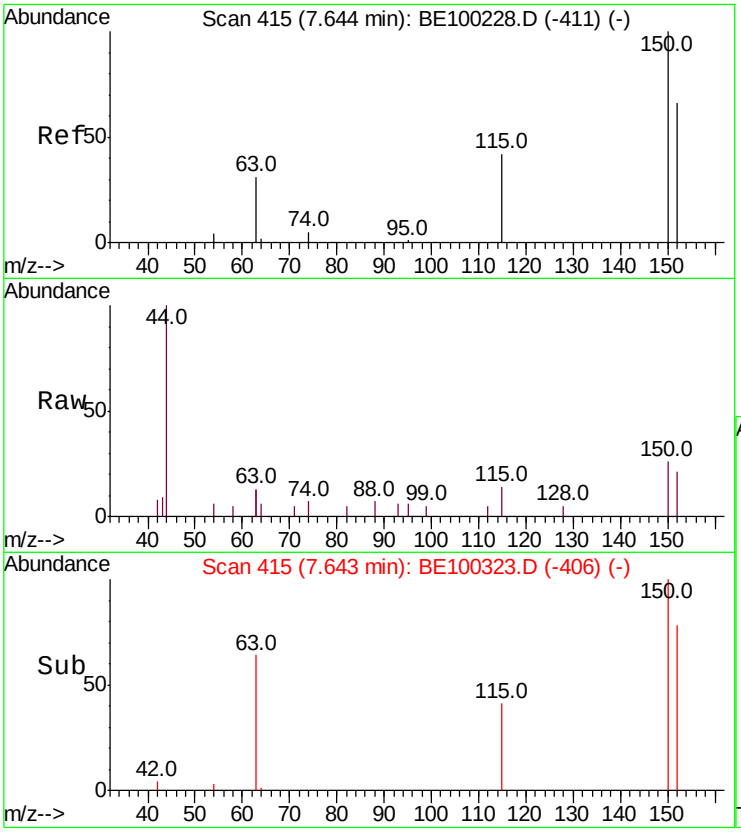
Acq On : 3 Jul 2019 11:46
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 04 00:34:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



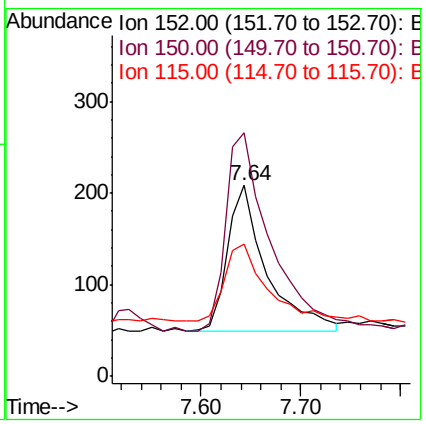


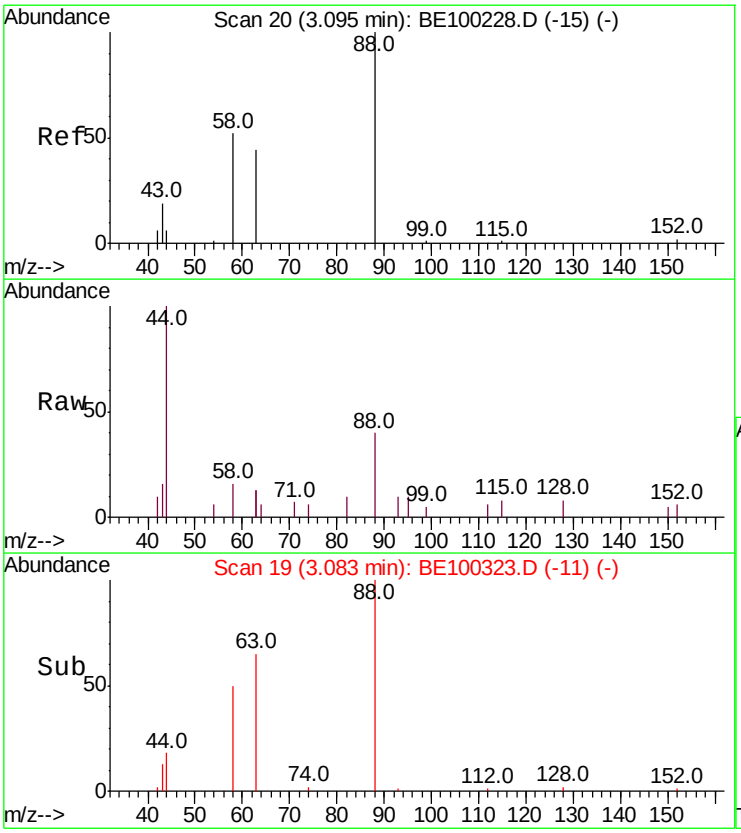
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 427

Ion	Ratio	Lower	Upper
152	100		
150	127.9	114.5	171.7
115	69.2	57.1	85.7

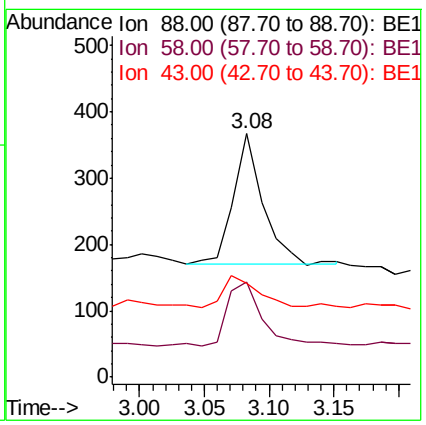


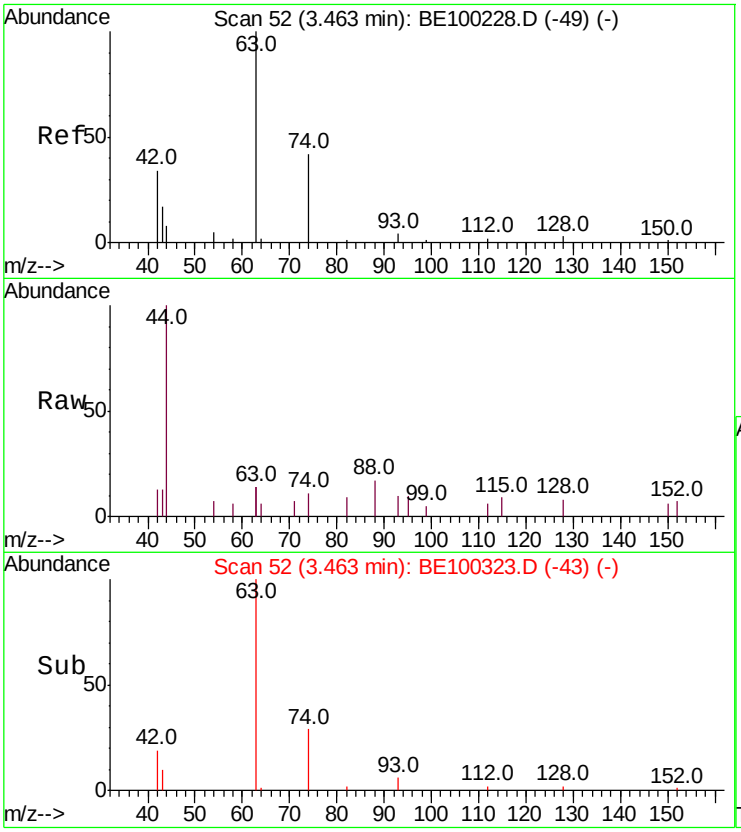


#2
1,4-Dioxane
Concen: 0.468 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion: 88 Resp: 310

Ion	Ratio	Lower	Upper
88	100		
58	60.3	43.6	65.4
43	30.3	21.4	32.0



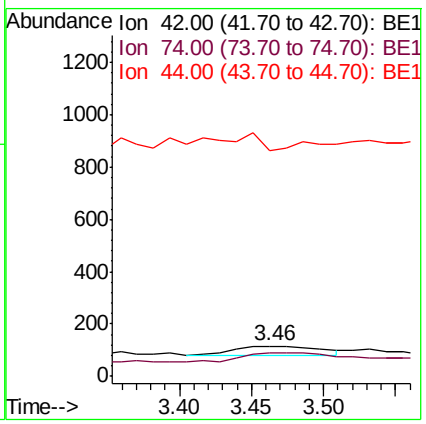


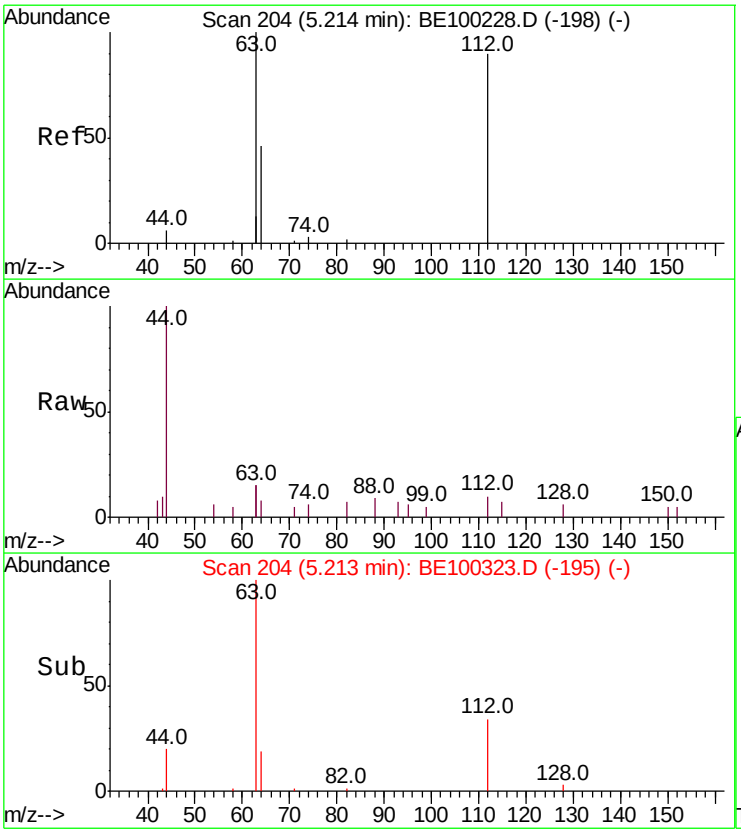
#3
n-Nitrosodimethylamine
Concen: 0.466 ng
RT: 3.46 min Scan# 52
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 144

Ion	Ratio	Lower	Upper
42	100		
74	106.3	130.6	196.0#
44	95.8	38.0	57.0#

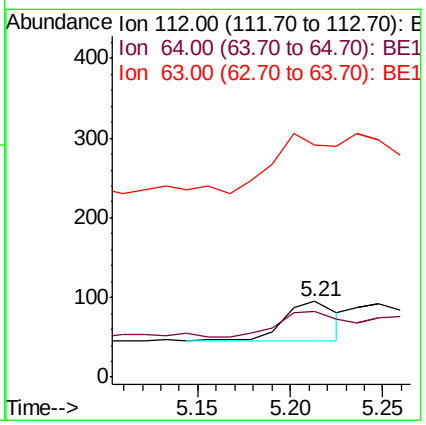


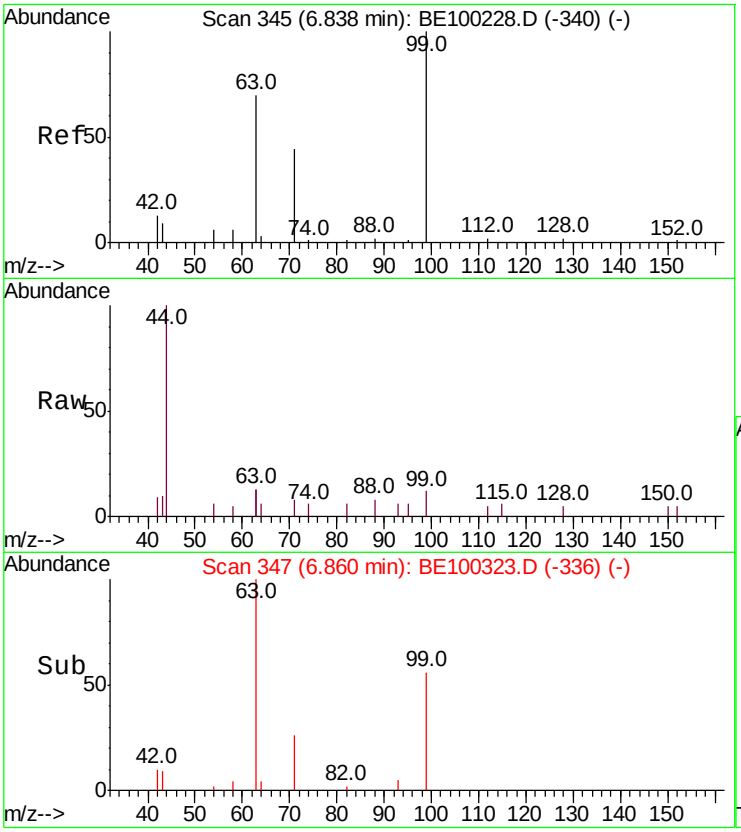


#4
2-Fluorophenol
Concen: 0.089 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:112 Resp: 97

Ion	Ratio	Lower	Upper
112	100		
64	81.4	39.4	59.0#
63	551.5	104.5	156.7#



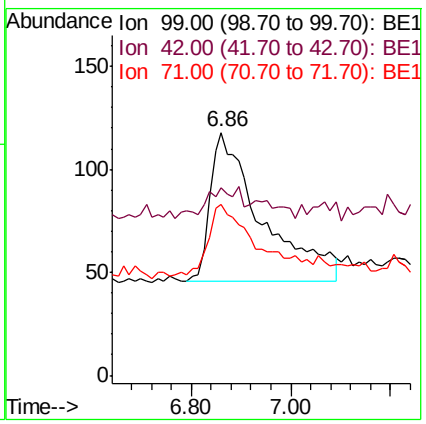


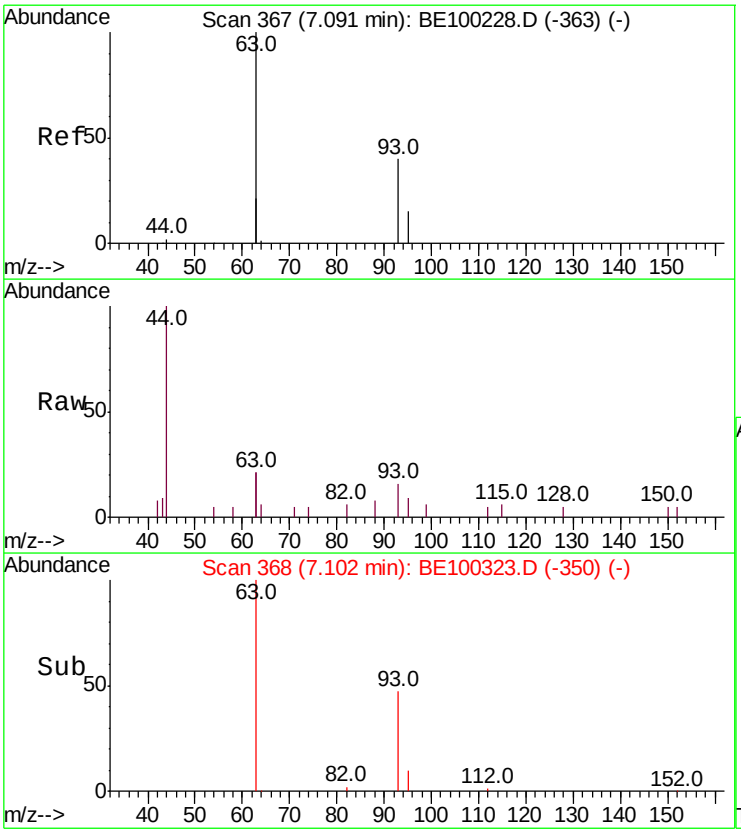
#5
Phenol-d6
Concen: 0.356 ng
RT: 6.86 min Scan# 347
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 510

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	47.3	37.2	55.8

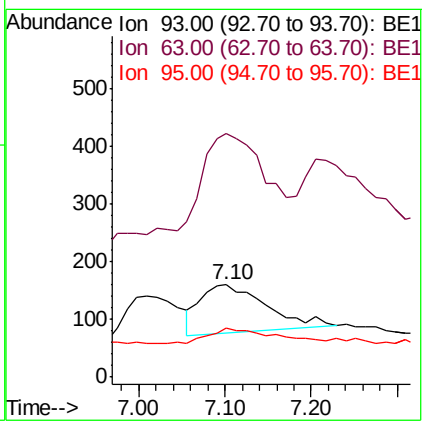


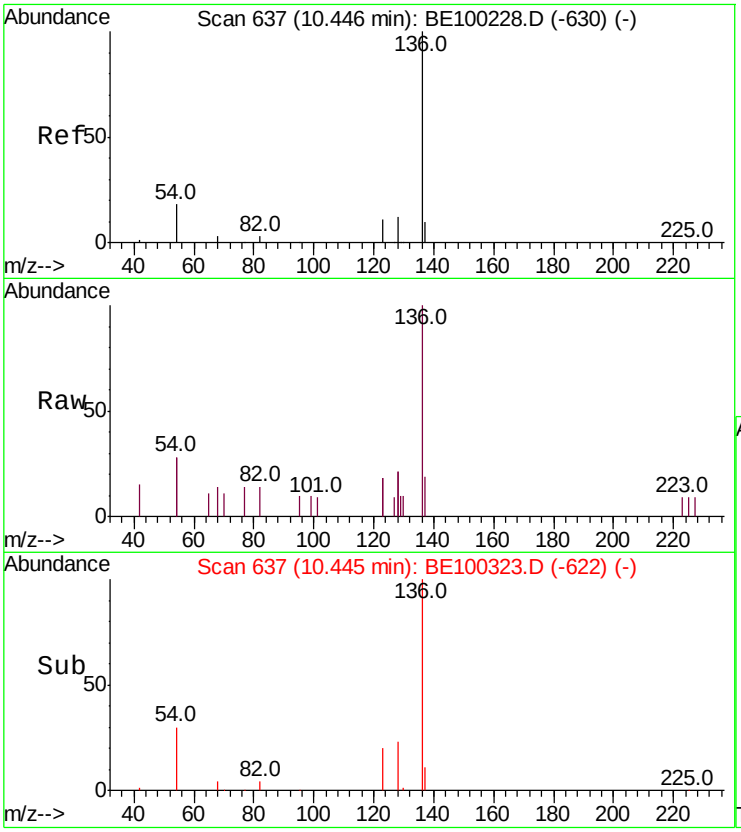


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.10 min Scan# 368
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion: 93 Resp: 442

Ion	Ratio	Lower	Upper
93	100		
63	255.9	155.6	233.4#
95	31.2	23.0	34.4



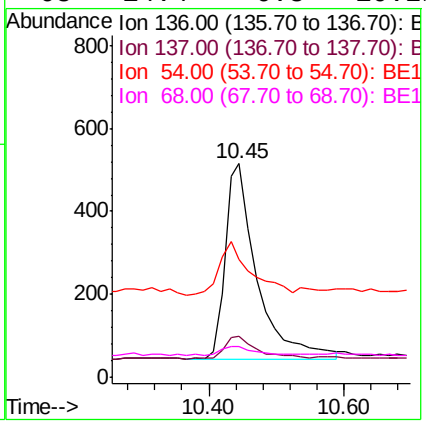


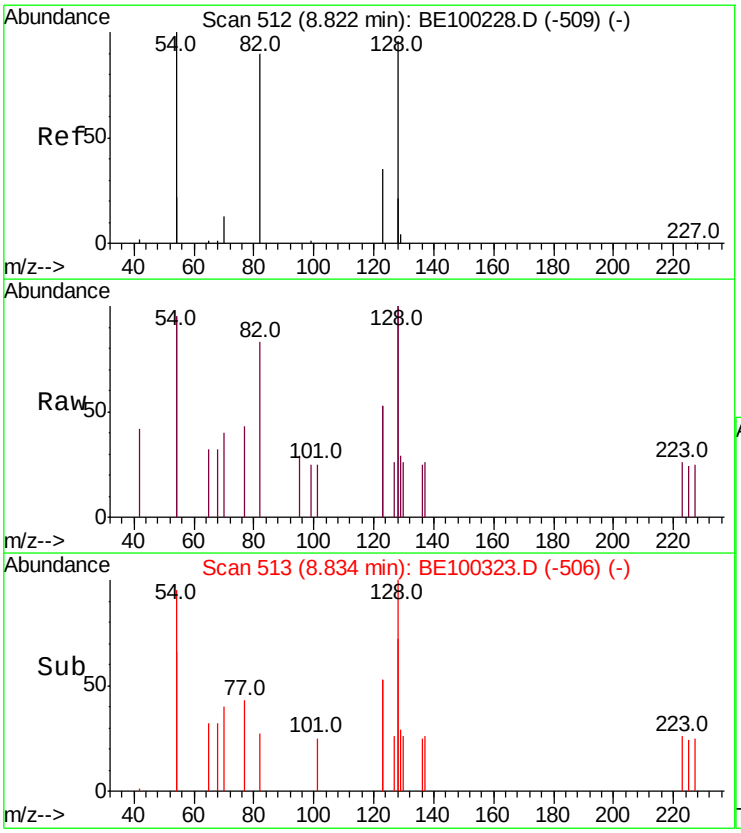
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 1543

Ion	Ratio	Lower	Upper
136	100		
137	19.2	11.8	17.8#
54	55.1	27.7	41.5#
68	14.4	6.8	10.2#

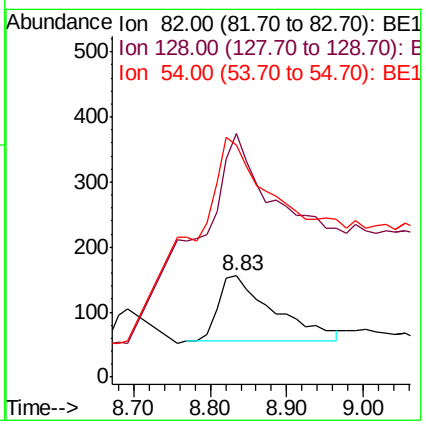


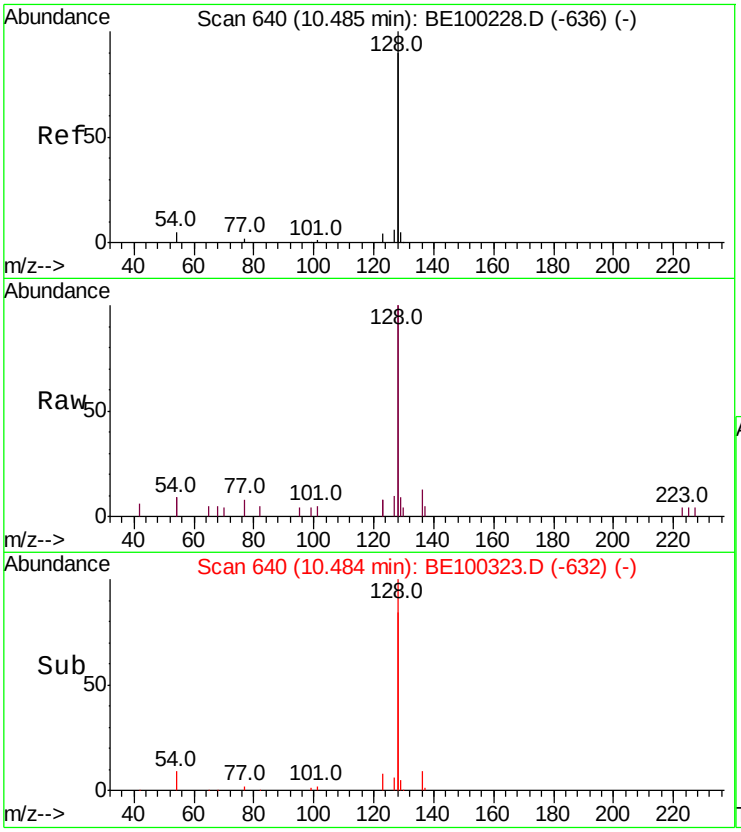


#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.83 min Scan# 513
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion: 82 Resp: 513

Ion	Ratio	Lower	Upper
82	100		
128	239.7	140.9	211.3#
54	228.2	146.2	219.2#



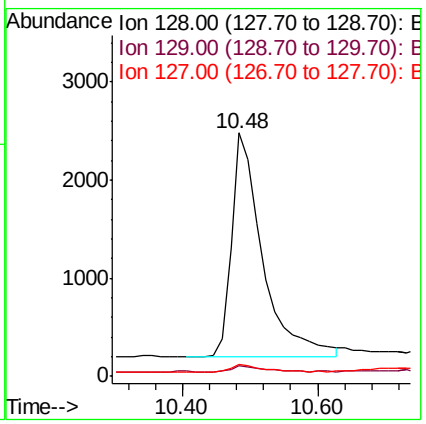


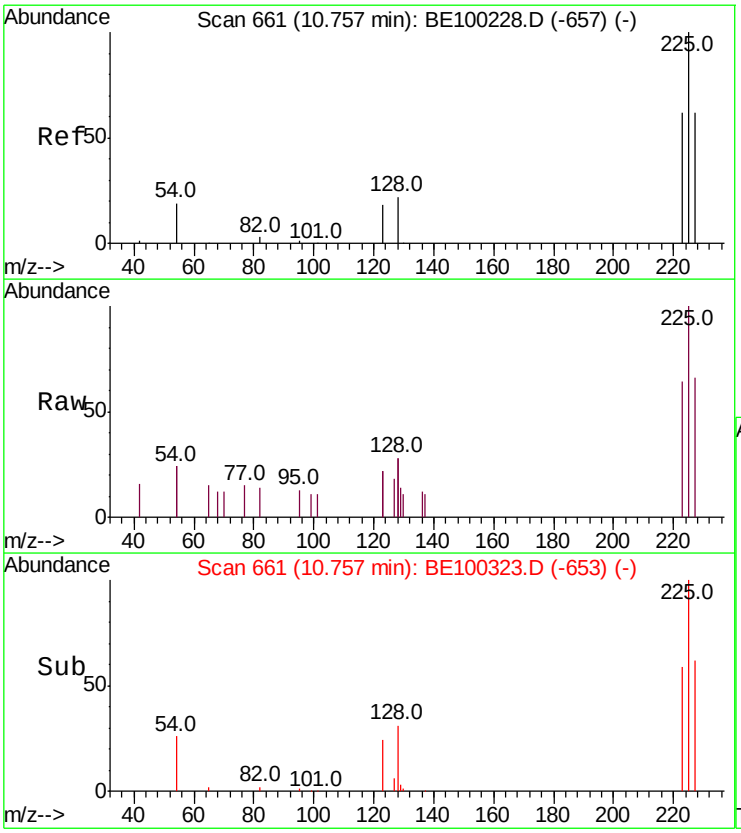
#9
Naphthalene
Concen: 0.428 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 7277

Ion	Ratio	Lower	Upper
128	100		
129	4.4	3.0	4.6
127	5.0	3.5	5.3

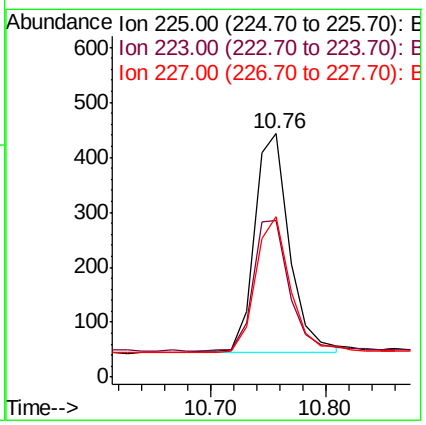


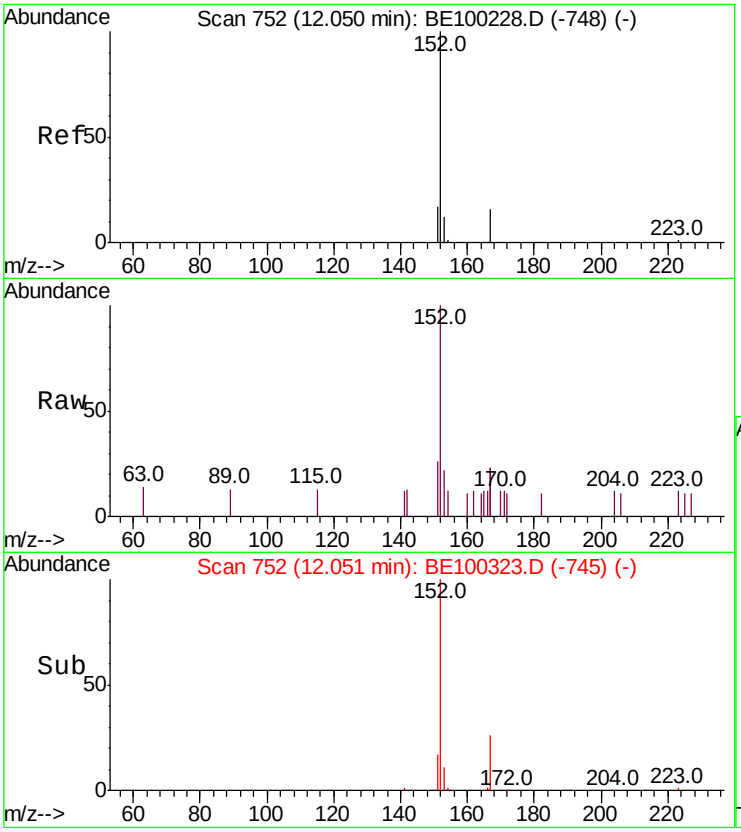


#10
Hexachlorobutadiene
Concen: 0.512 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:225 Resp: 839

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.1	73.7
227	62.2	49.3	73.9



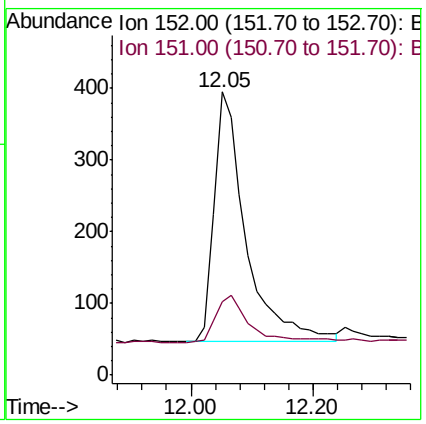


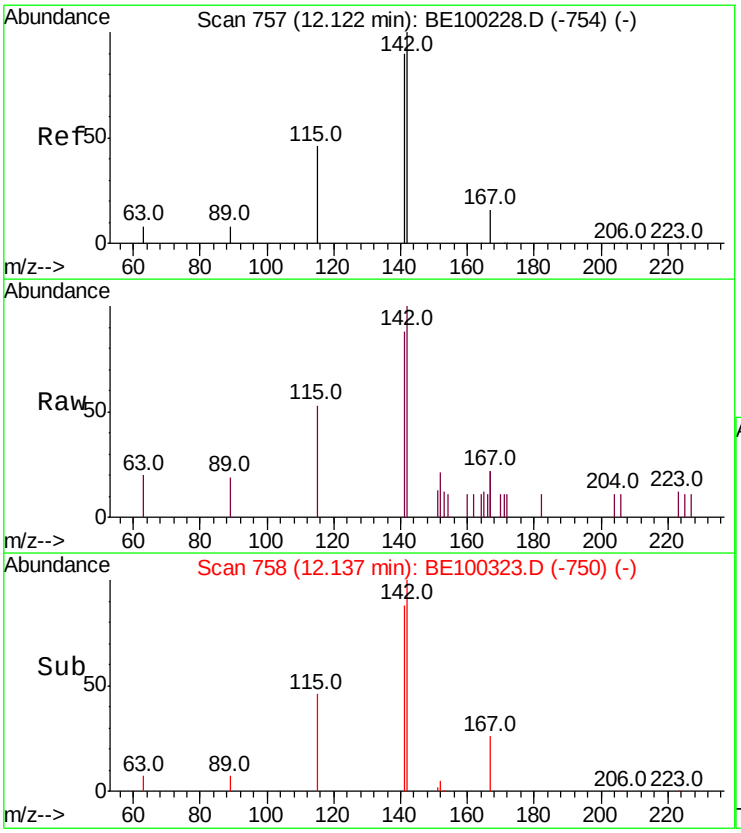
#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1265

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.1	22.7

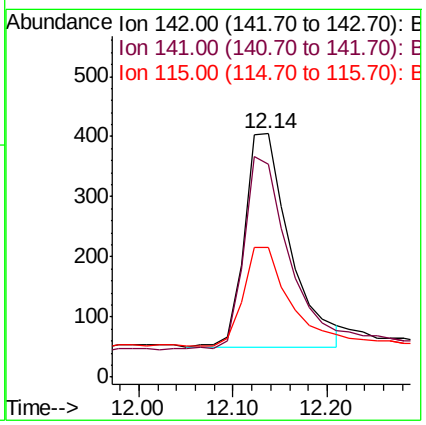


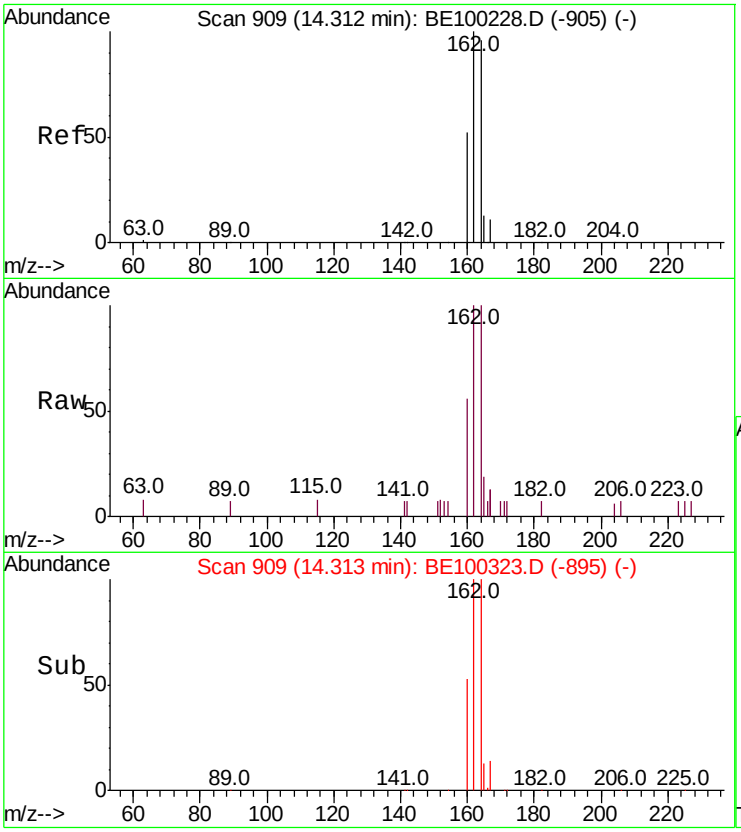


#12
2-Methylnaphthalene
Concen: 0.402 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:142 Resp: 1199

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.4	108.6
115	53.3	40.4	60.6



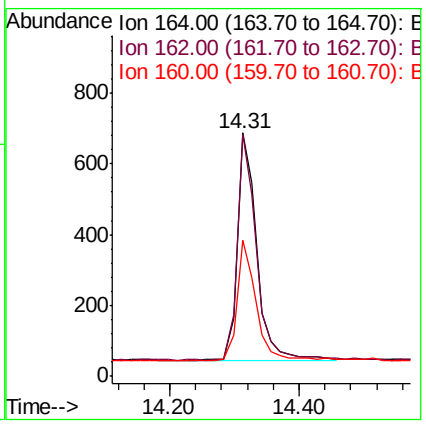


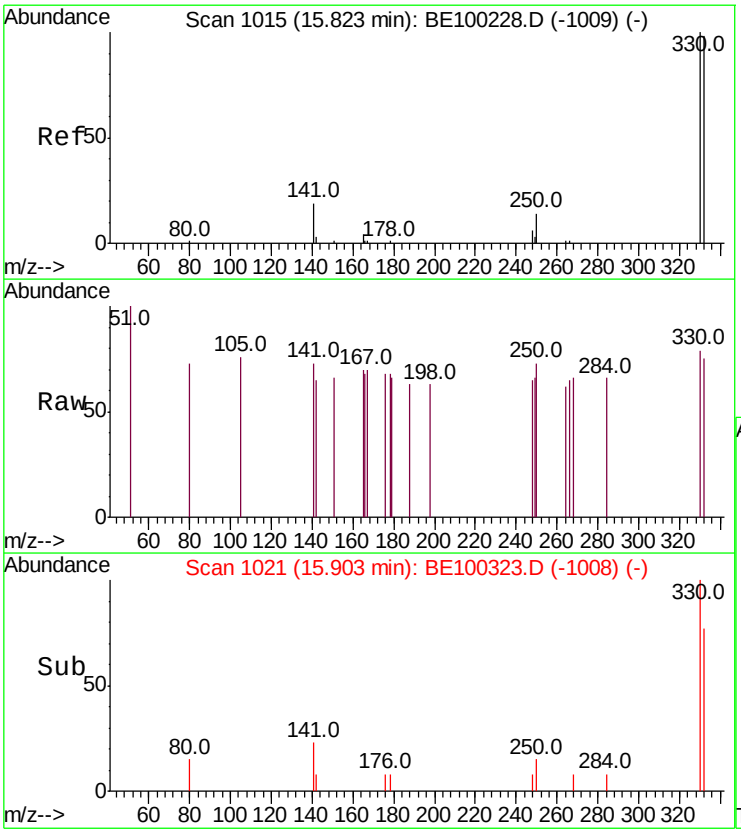
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1331

Ion	Ratio	Lower	Upper
164	100		
162	99.6	83.4	125.0
160	55.7	45.0	67.6

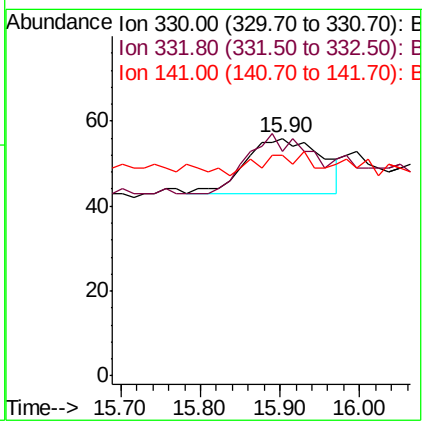


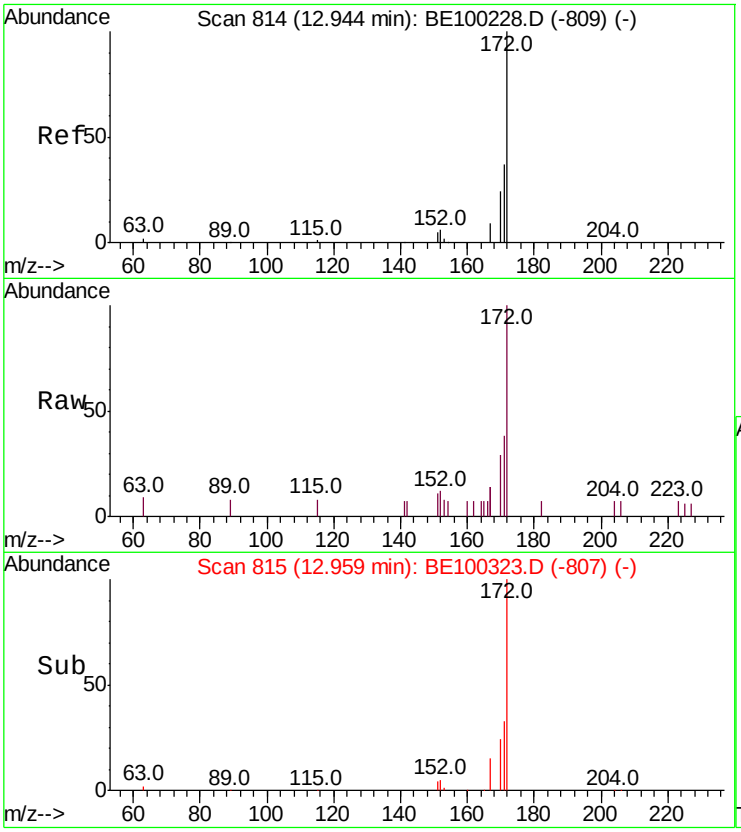


#14
2,4,6-Tribromophenol
Concen: 0.092 ng
RT: 15.90 min Scan# 1021
Delta R.T. 0.08 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:330 Resp: 86

Ion	Ratio	Lower	Upper
330	100		
332	88.4	77.0	115.4
141	0.0	22.0	33.0#



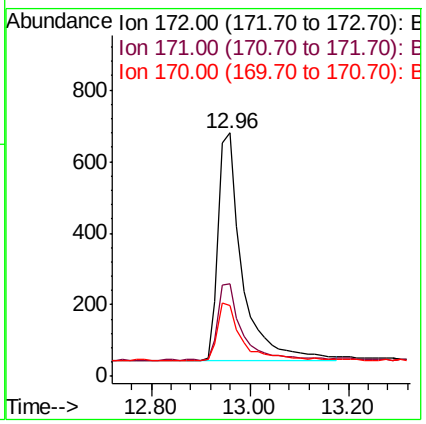


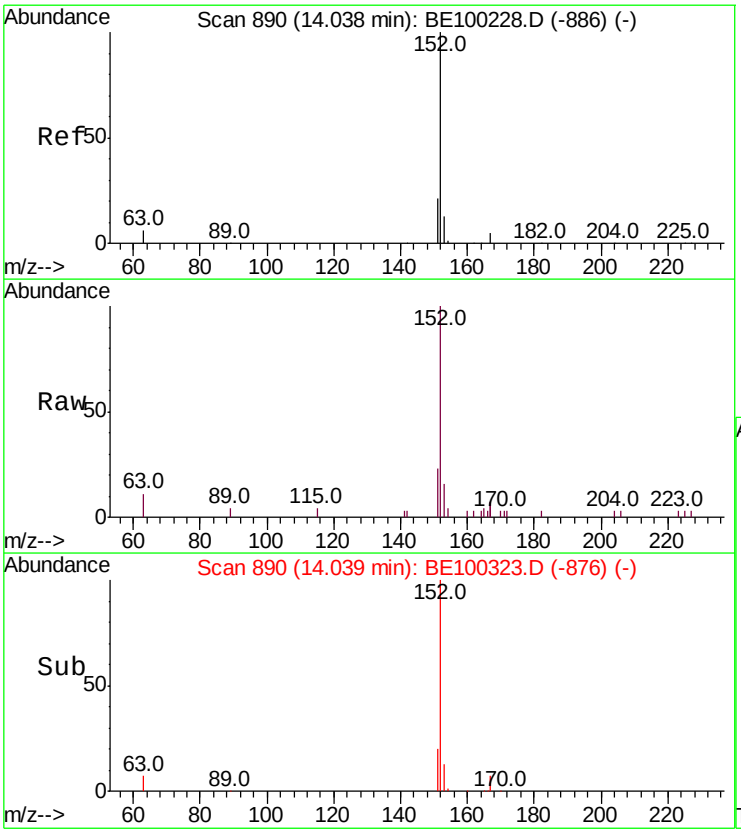
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2146

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.9	47.9
170	29.0	22.2	33.2

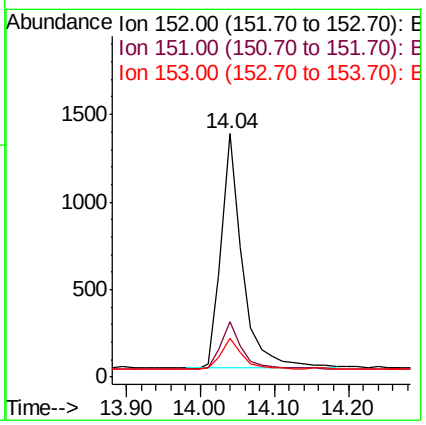


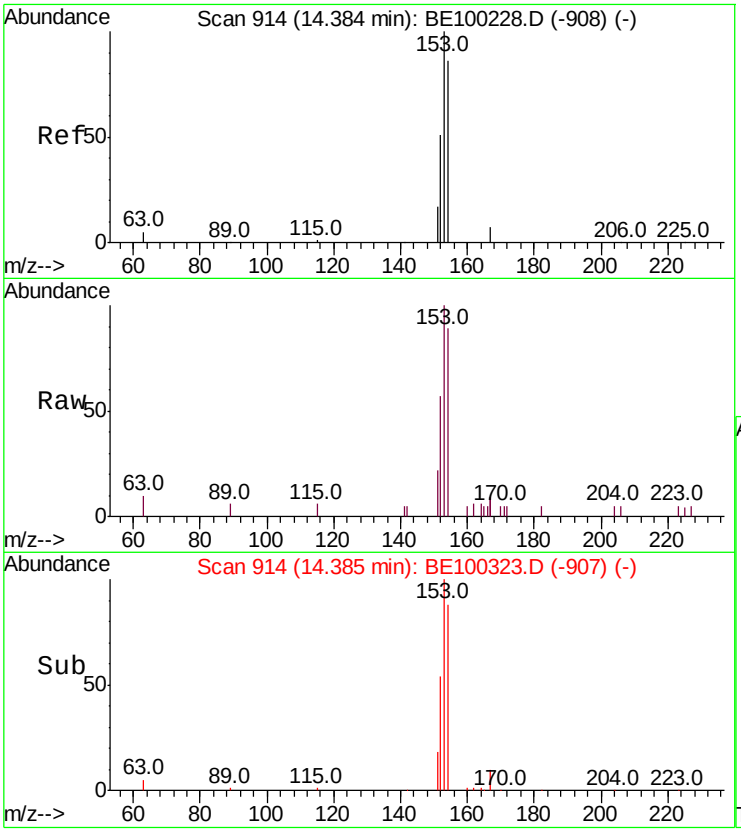


#16
Acenaphthylene
Concen: 0.423 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:152 Resp: 2704

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	12.8	10.5	15.7



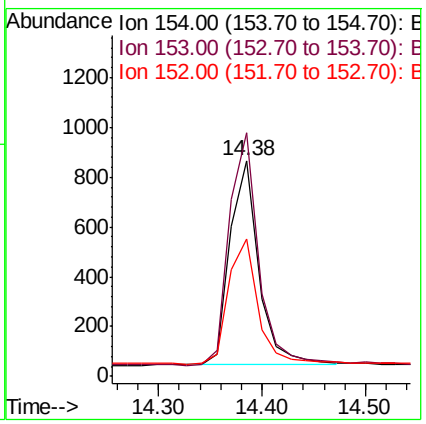


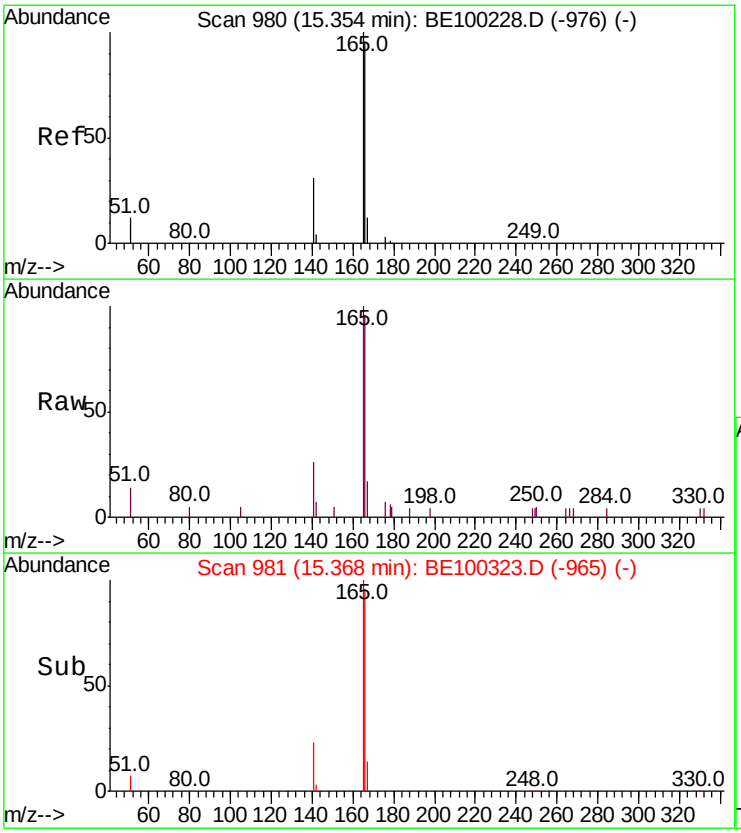
#17
Acenaphthene
Concen: 0.440 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1593

Ion	Ratio	Lower	Upper
154	100		
153	116.0	93.4	140.2
152	62.7	49.4	74.2

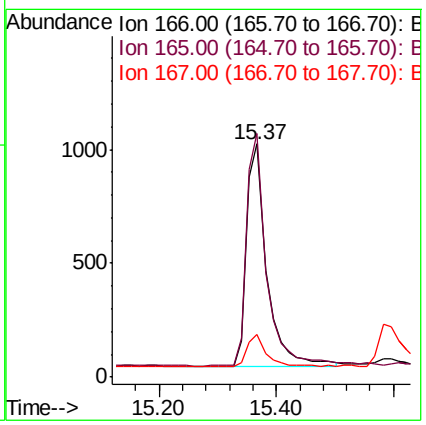


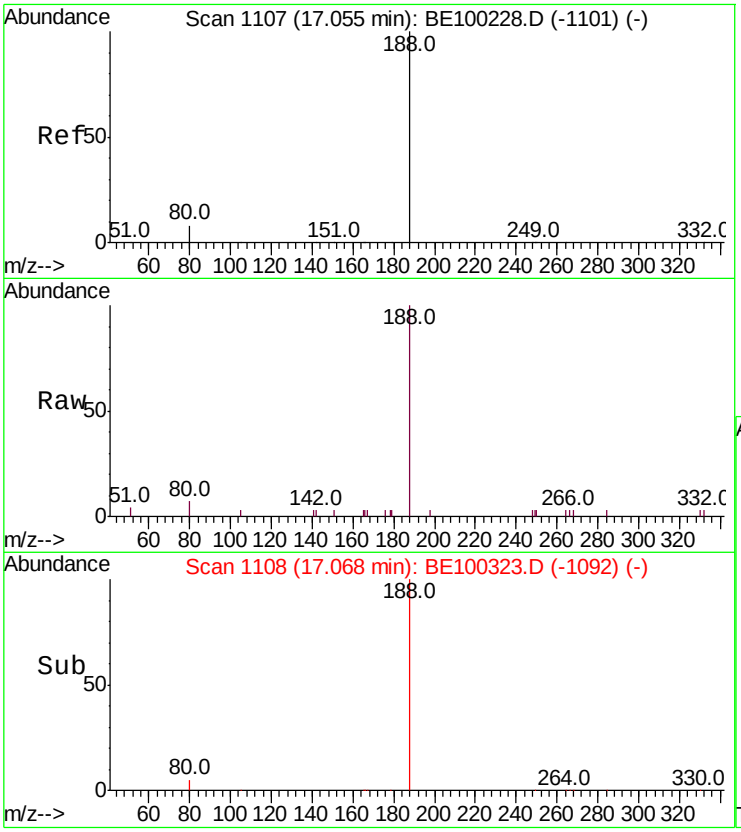


#18
Fluorene
Concen: 0.433 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:166 Resp: 2316

Ion	Ratio	Lower	Upper
166	100		
165	102.2	81.1	121.7
167	13.7	10.7	16.1



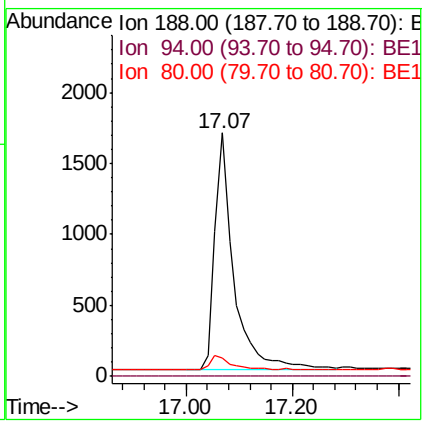


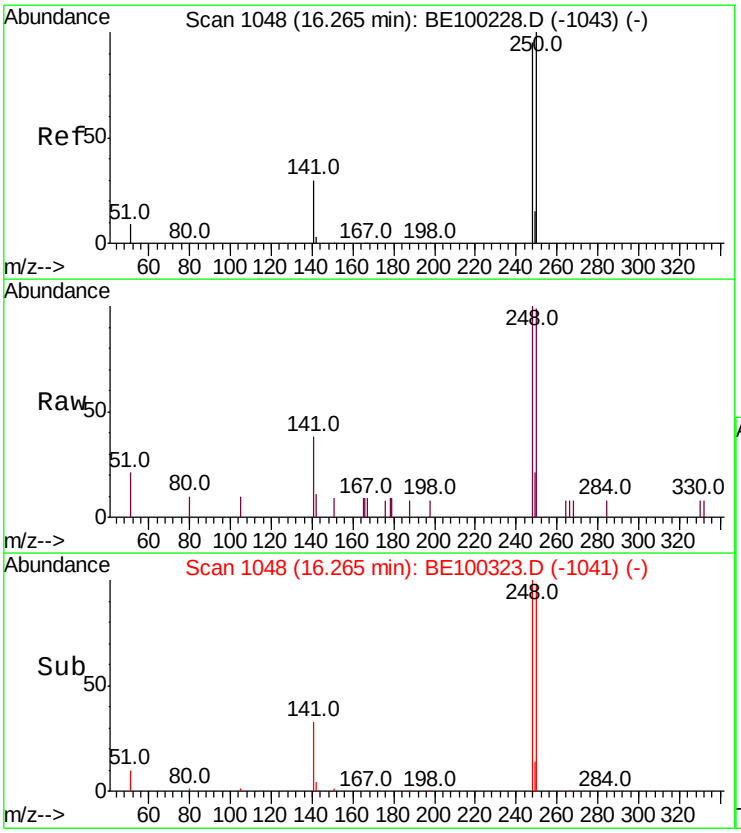
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 4148

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	7.6	11.4#

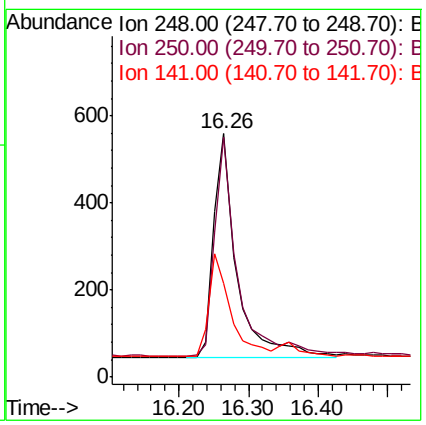


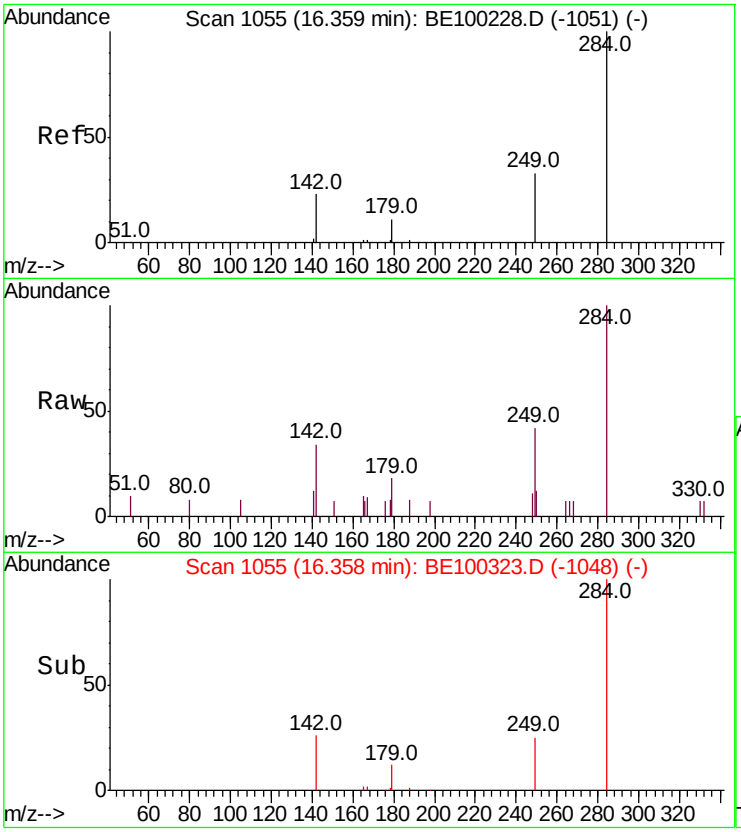


#20
4-Bromophenyl-phenylether
Concen: 0.449 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:248 Resp: 1188

Ion	Ratio	Lower	Upper
248	100		
250	98.6	84.2	126.4
141	38.3	29.3	43.9



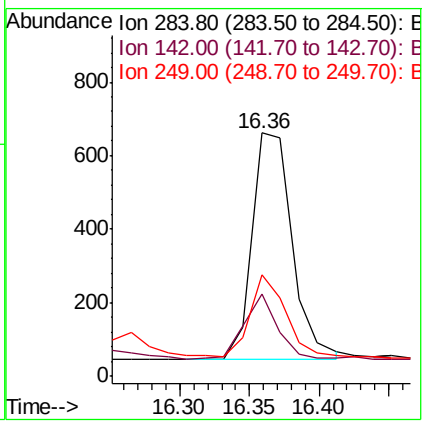


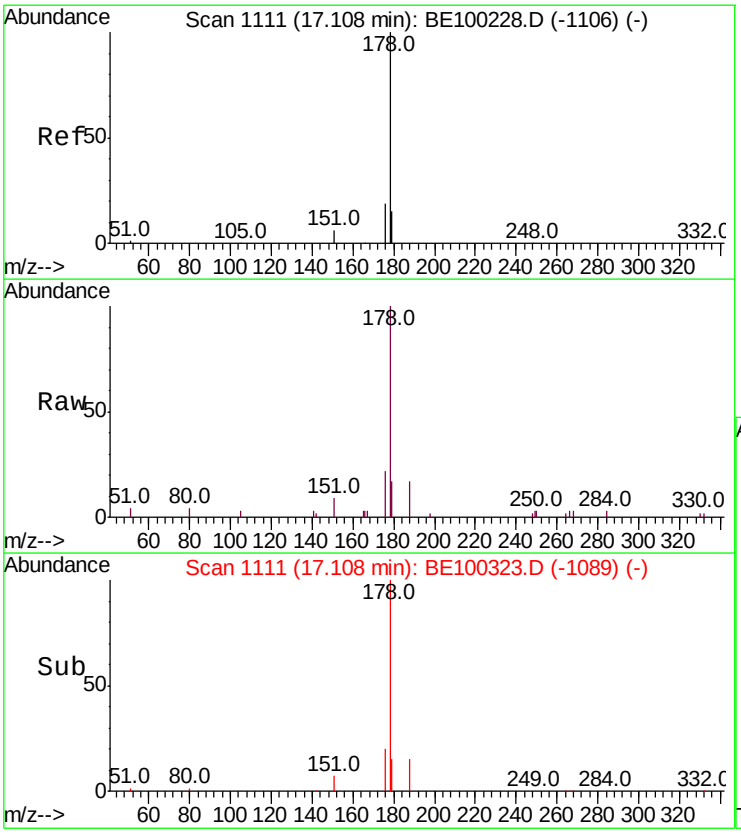
#21
Hexachlorobenzene
Concen: 0.450 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1236

Ion	Ratio	Lower	Upper
284	100		
142	23.4	18.8	28.2
249	30.6	23.7	35.5

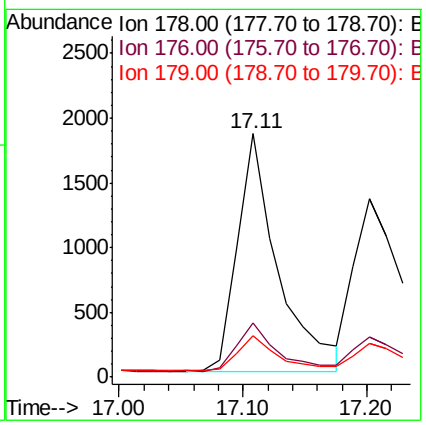


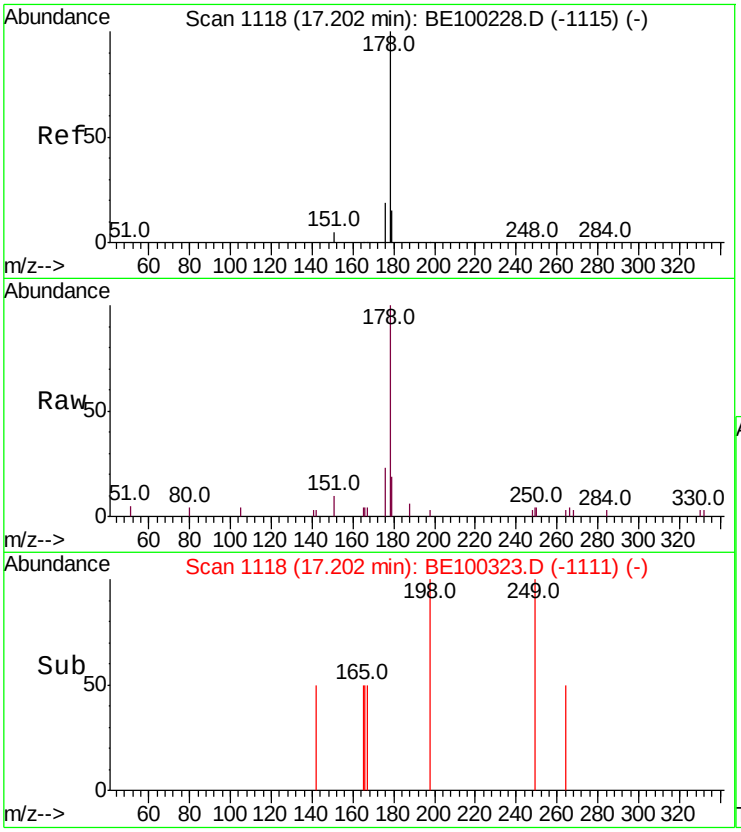


#23
Phenanthrene
Concen: 0.411 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:178 Resp: 4137

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	14.1	12.2	18.2



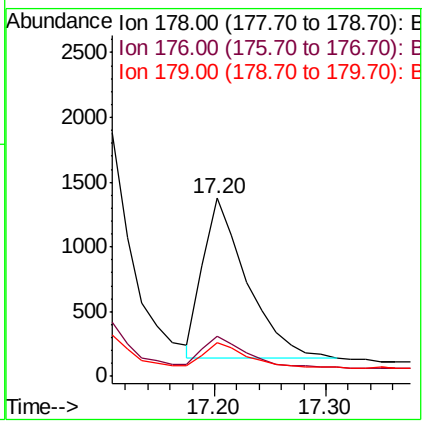


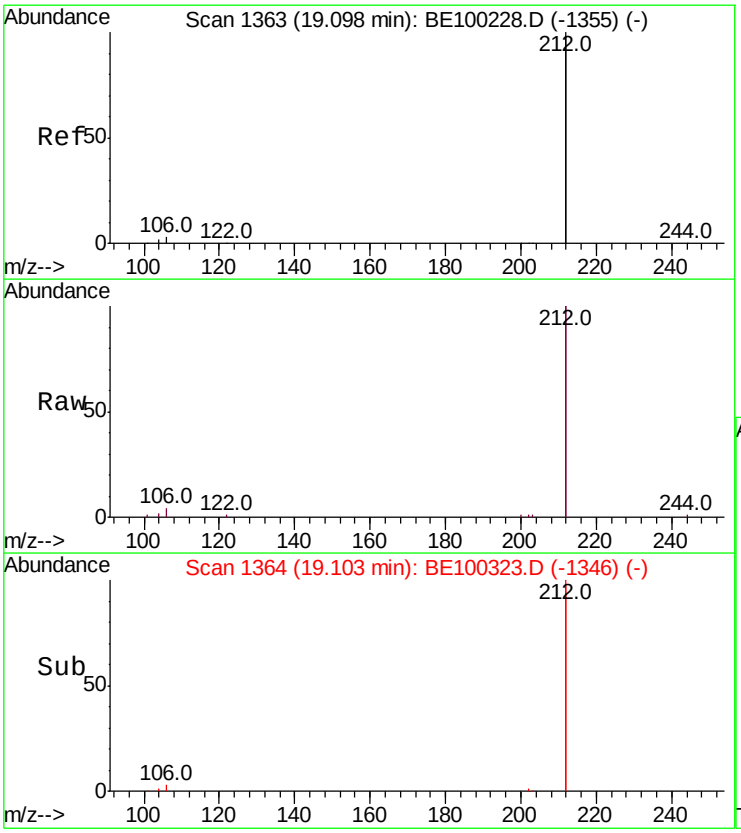
#24
Anthracene
Concen: 0.374 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 3383

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.0	12.2	18.2

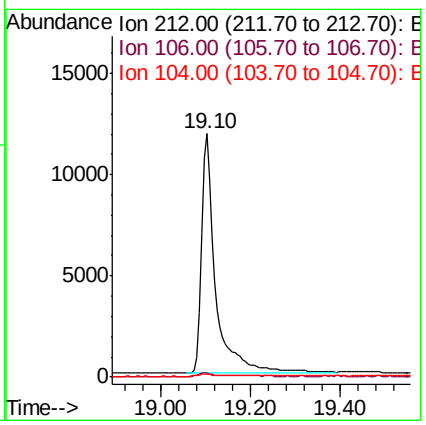


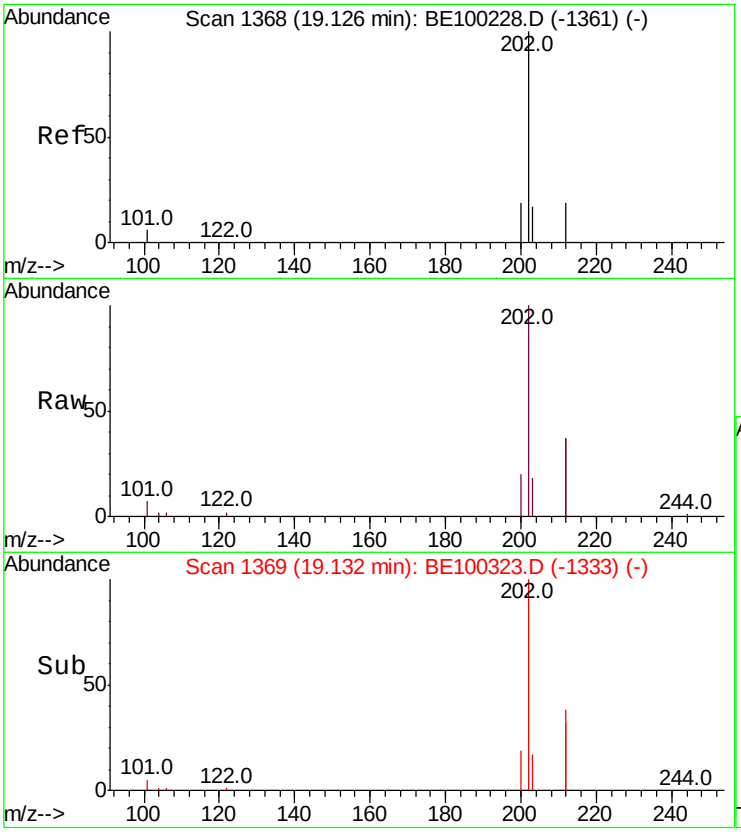


#25
Fluoranthene-d10
Concen: 0.440 ng
RT: 19.10 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:212 Resp: 26469

Ion	Ratio	Lower	Upper
212	100		
106	1.4	1.3	1.9
104	1.0	0.8	1.2



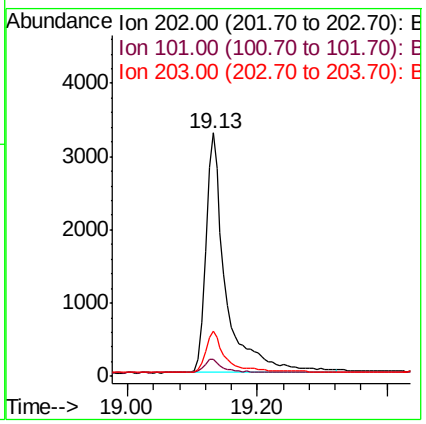


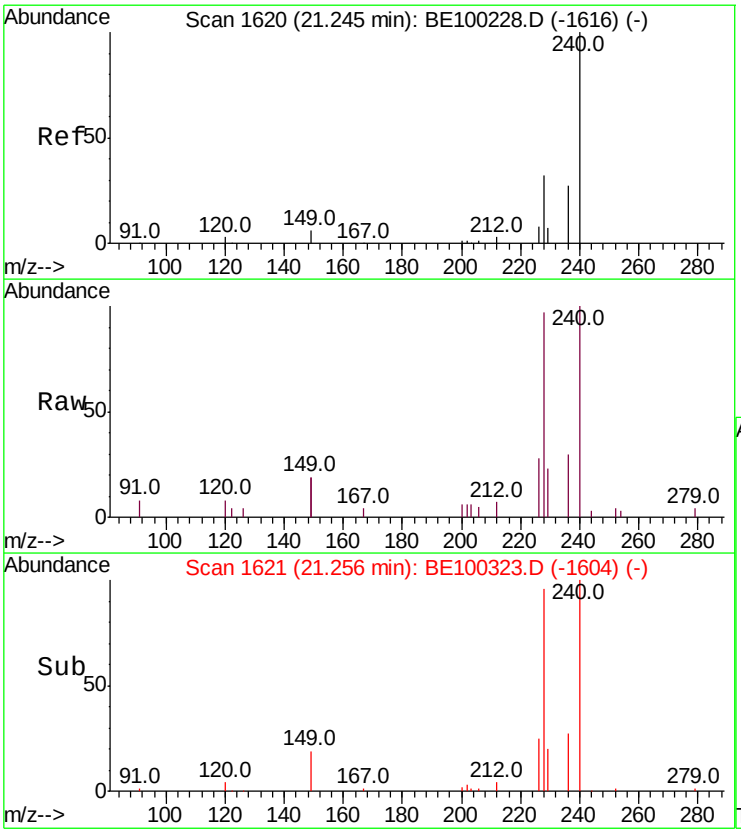
#26
Fluoranthene
Concen: 0.441 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 7055

Ion	Ratio	Lower	Upper
202	100		
101	5.4	4.6	7.0
203	16.3	13.7	20.5

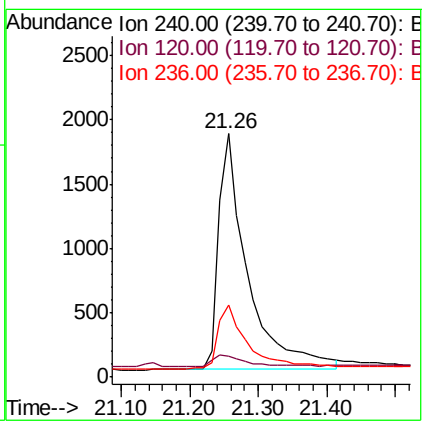


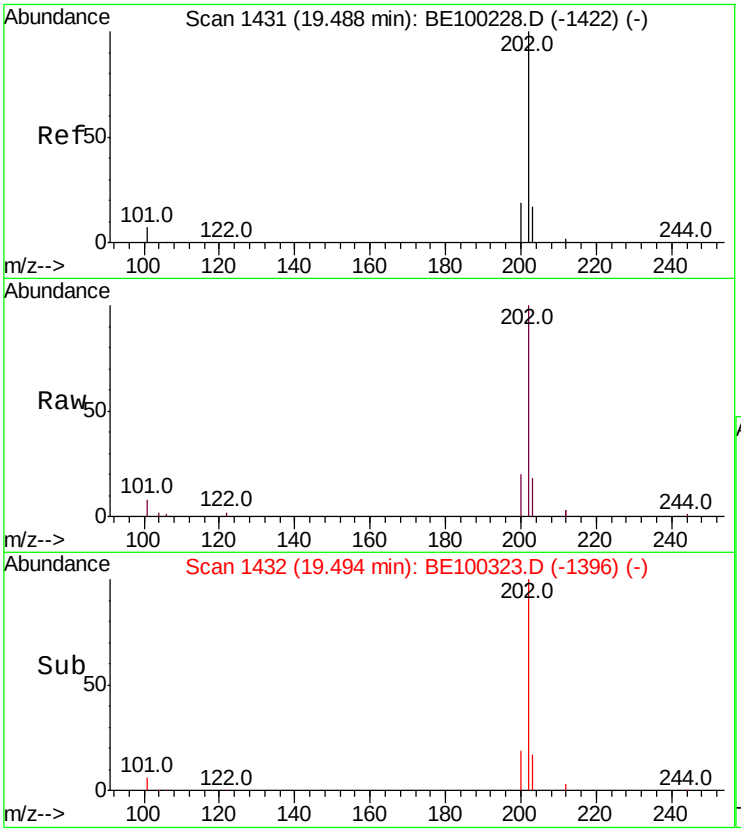


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:240 Resp: 5436

Ion	Ratio	Lower	Upper
240	100		
120	8.3	3.3	4.9#
236	29.6	22.6	34.0



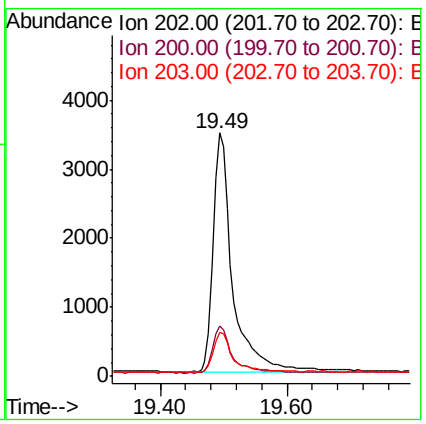


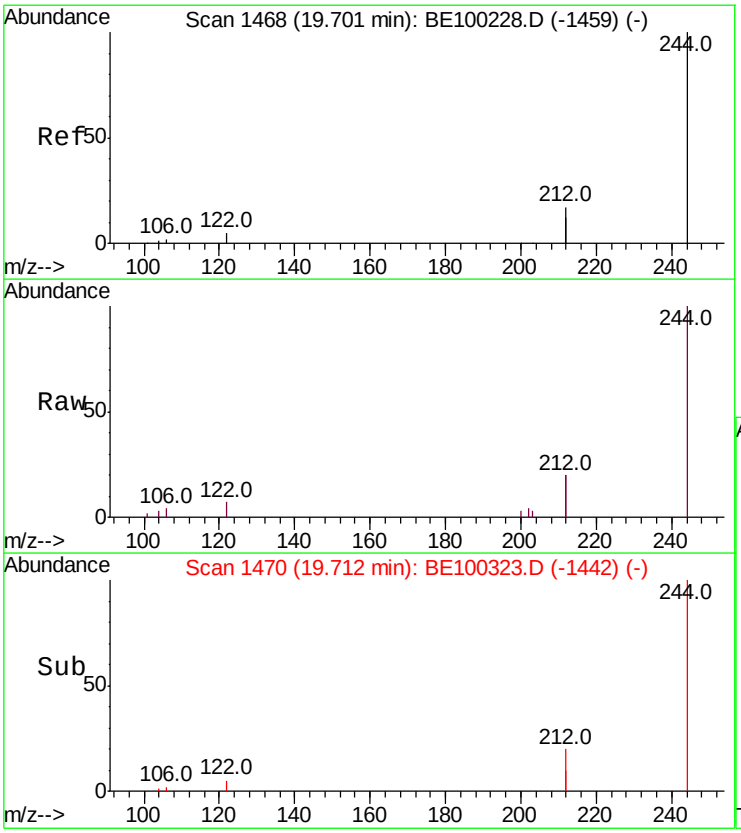
#28
Pyrene
Concen: 0.515 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 7408

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	16.4	14.0	21.0

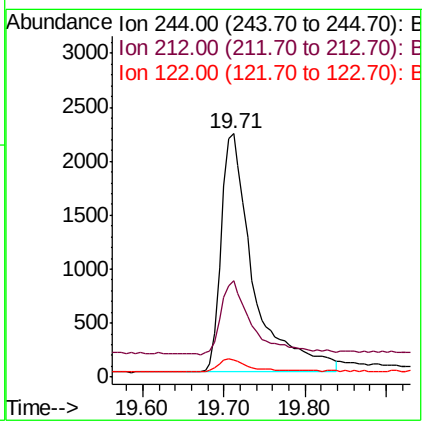


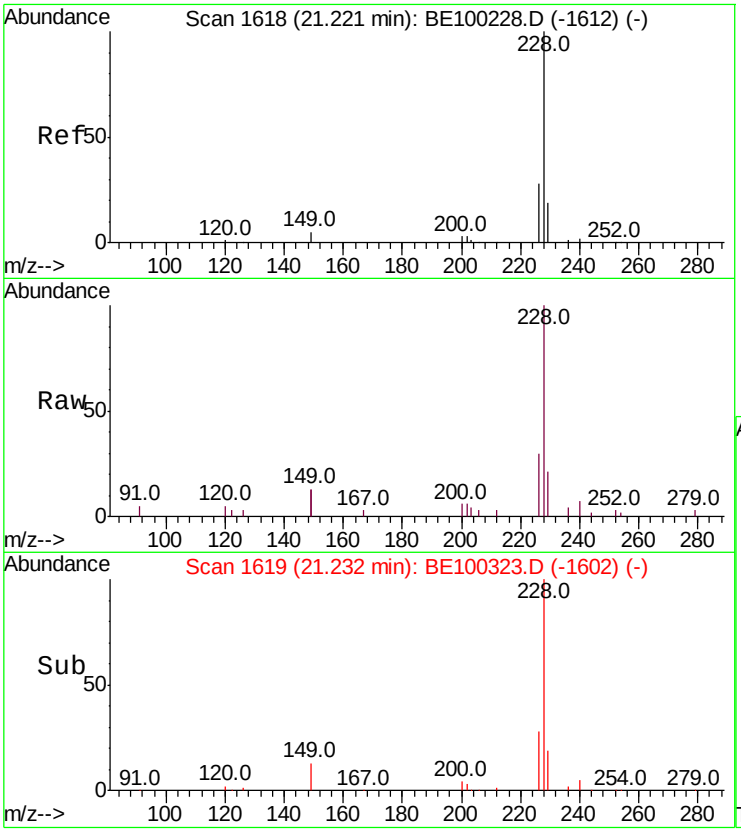


#29
Terphenyl-d14
Concen: 0.542 ng
RT: 19.71 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:244 Resp: 6105

Ion	Ratio	Lower	Upper
244	100		
212	39.5	27.3	40.9
122	7.0	4.7	7.1



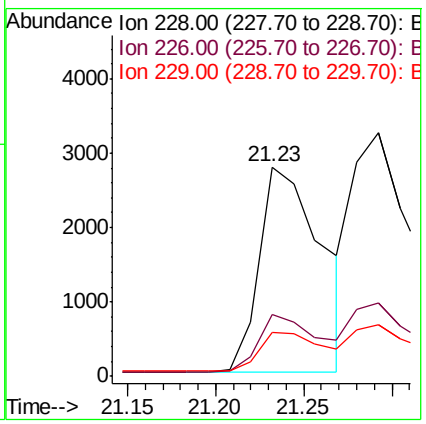


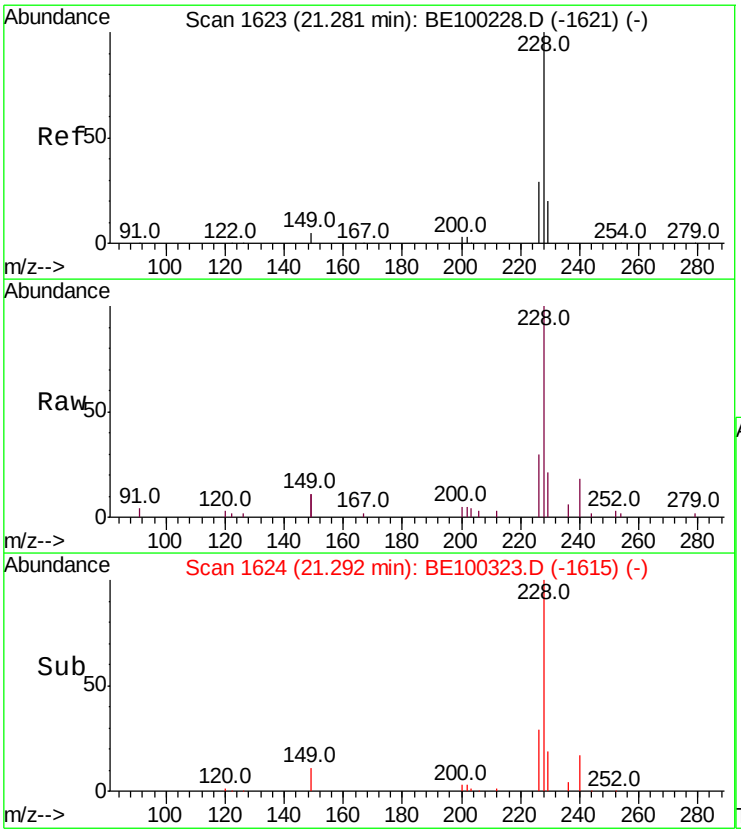
#30
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 6758

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	21.3	15.7	23.5

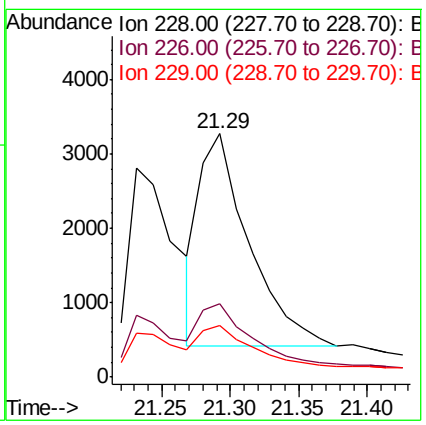


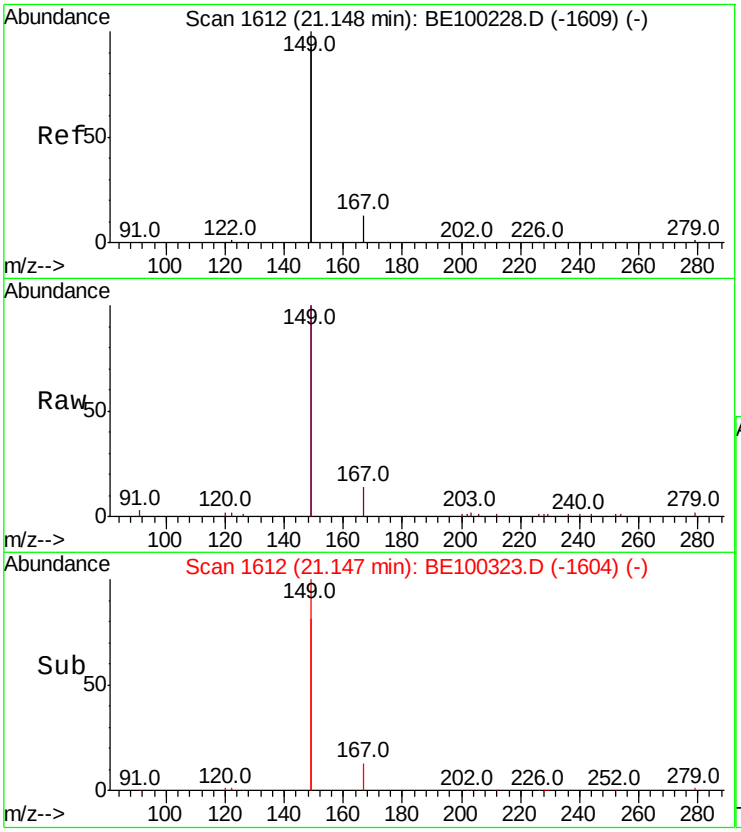


#31
Chrysene
Concen: 0.396 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:228 Resp: 7115

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	21.0	16.5	24.7



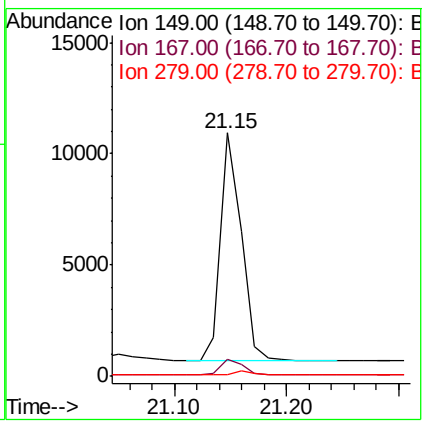


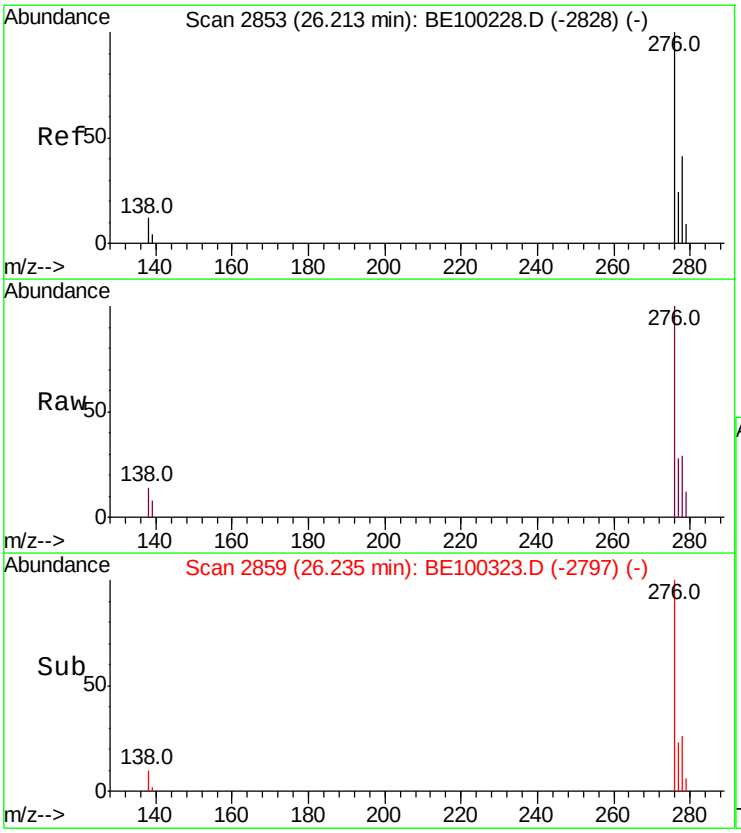
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.459 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 13039

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.8	8.8
279	1.4	1.1	1.7

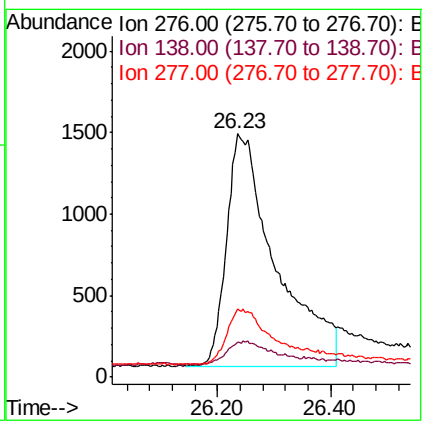


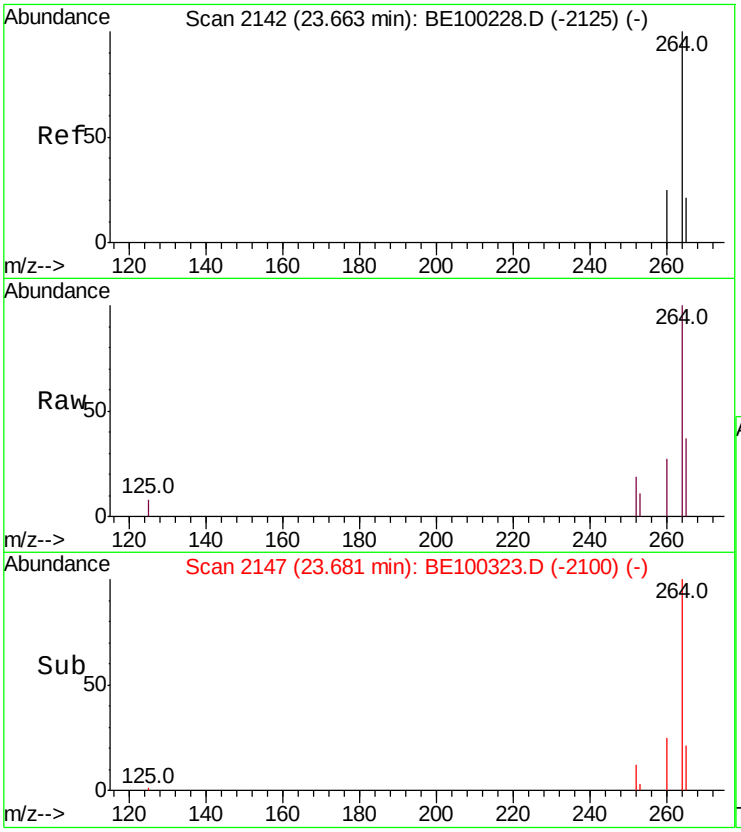


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.363 ng
RT: 26.23 min Scan# 2859
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:276 Resp: 8618

Ion	Ratio	Lower	Upper
276	100		
138	8.7	9.4	14.0#
277	21.0	19.2	28.8



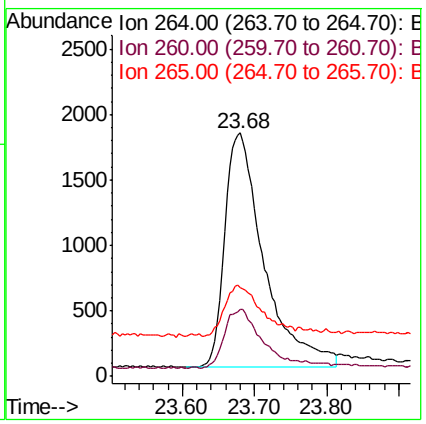


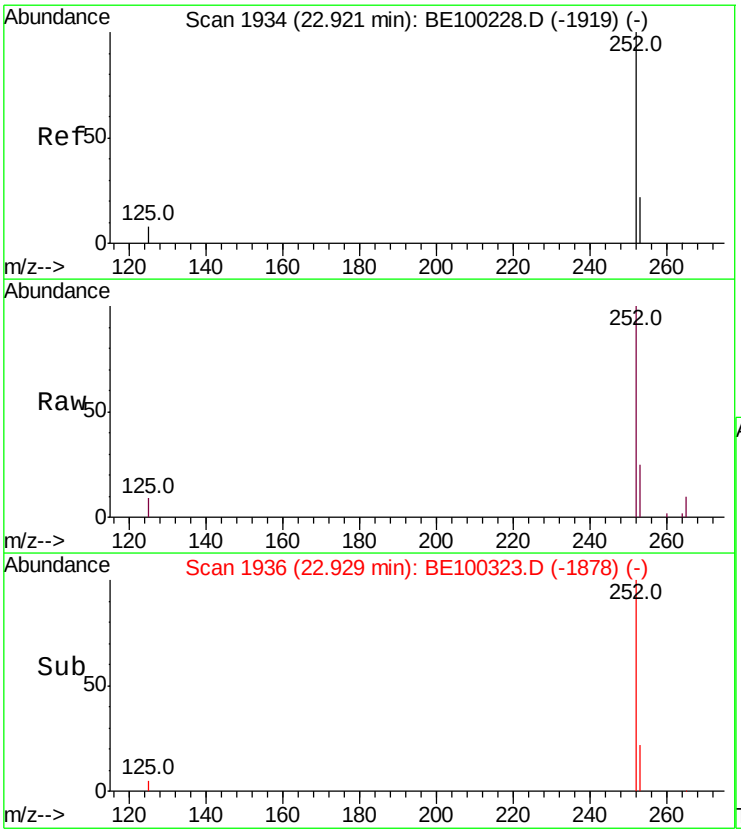
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2147
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 6681

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.8	31.2
265	36.6	21.8	32.6#

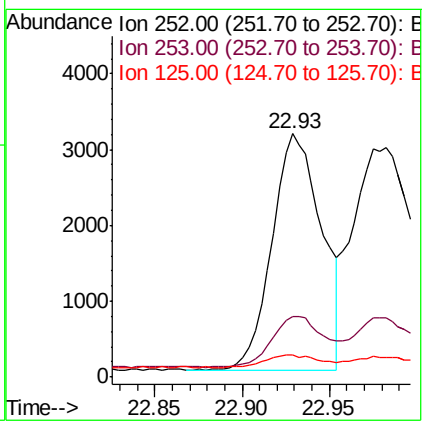


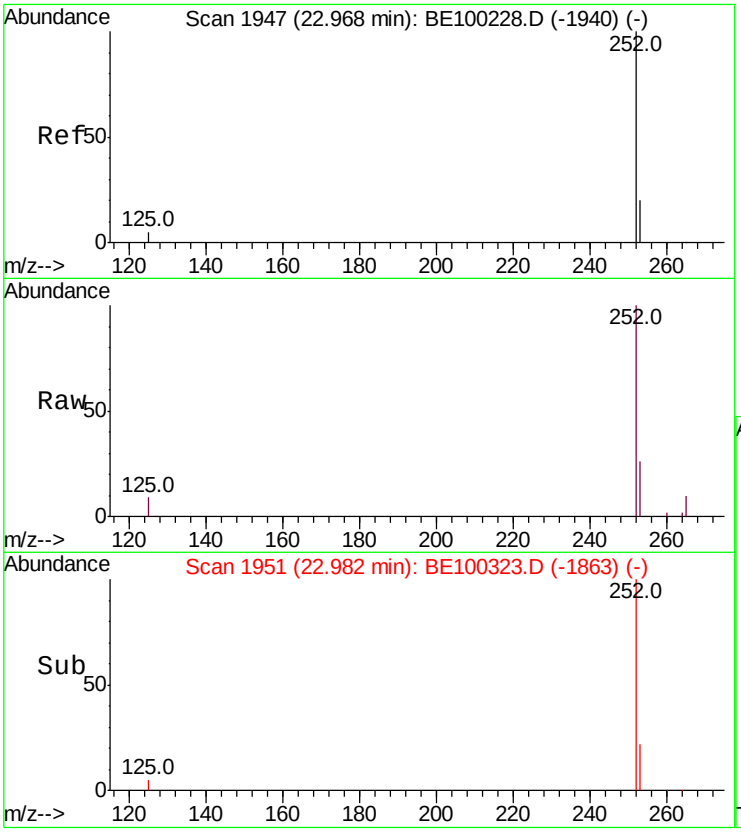


#35
Benzo(b)fluoranthene
Concen: 0.339 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:252 Resp: 6140

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.2	28.8
125	8.9	7.4	11.0



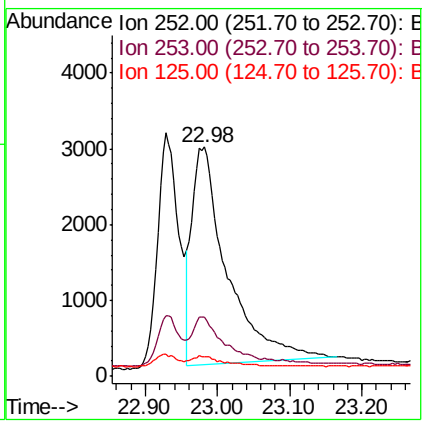


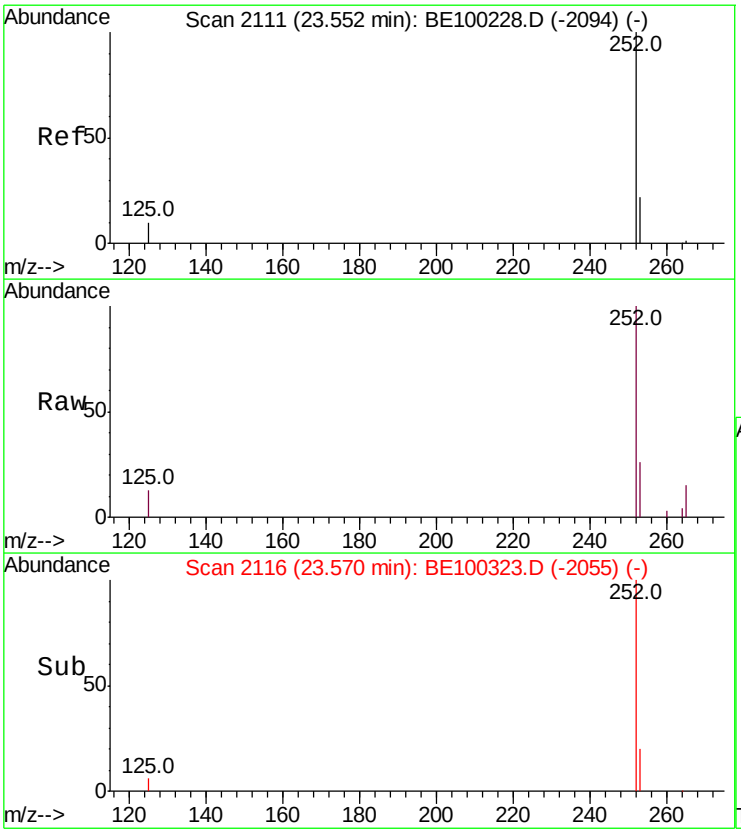
#36
Benzo(k)fluoranthene
Concen: 0.484 ng
RT: 22.98 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9787

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	8.8	5.0	7.4#

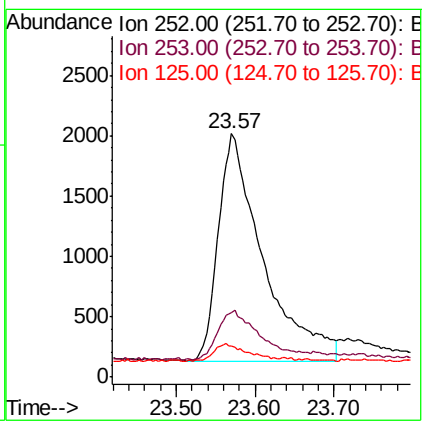


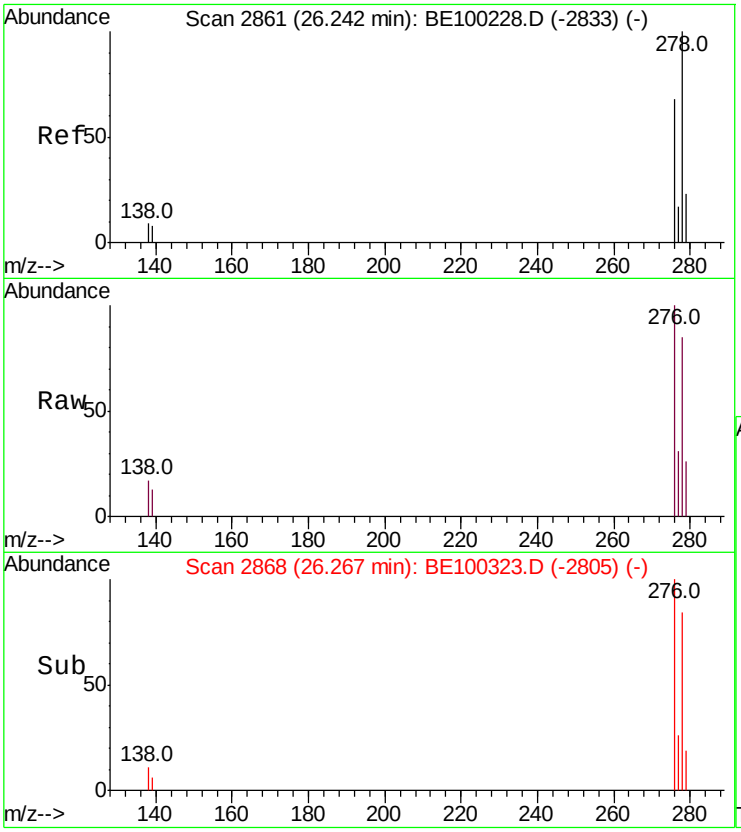


#37
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.57 min Scan# 2116
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:252 Resp: 7373

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.6	29.4
125	12.7	9.0	13.6



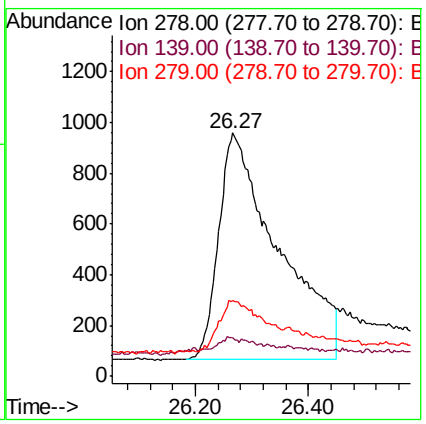


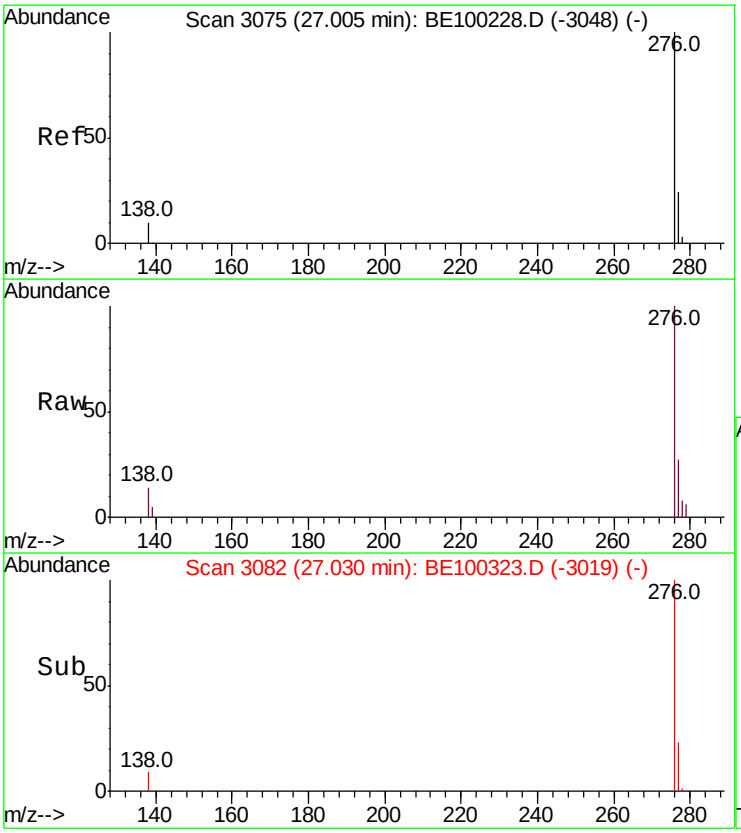
#38
Dibenzo(a,h)anthracene
Concen: 0.344 ng
RT: 26.27 min Scan# 2868
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 6529

Ion	Ratio	Lower	Upper
278	100		
139	15.8	8.2	12.2#
279	31.2	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.415 ng
RT: 27.03 min Scan# 3082
Delta R.T. 0.02 min
Lab File: BE100323.D
Acq: 3 Jul 2019 11:46

Tgt Ion:276 Resp: 8083

Ion	Ratio	Lower	Upper
276	100		
277	26.9	20.2	30.2
138	13.5	9.0	13.6