Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100062.D
Acq On : 17 Jun 2019 12:32
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 17 13:09:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 13:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	695	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	2342	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	1781	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	5658	0.40	ng		0.00
27) Chrysene-d12	21.39	240	8281	0.40	ng		0.00
34) Perylene-d12	23.92	264	9913	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	701	0.37	ng		0.00
5) Phenol-d6	6.96	99	858	0.36	ng		0.00
8) Nitrobenzene-d5	8.96	82	843	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	1640	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	378	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	2803	0.42	ng		0.00
25) Fluoranthene-d10	19.24	212	30496	0.37	ng		0.00
29) Terphenyl-d14	19.84	244	6041	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	481	0.468	ng		100
3) n-Nitrosodimethylamine	3.61	42	147	0.248	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	714	0.362	ng		100
9) Naphthalene	10.64	128	10441	0.413	ng		100
10) Hexachlorobutadiene	10.90	225	896	0.465	ng		99
12) 2-Methylnaphthalene	12.28	142	1571	0.382	ng		100
16) Acenaphthylene	14.18	152	3503	0.395	ng		100
17) Acenaphthene	14.53	154	1940	0.402	ng		100
18) Fluorene	15.50	166	2849	0.393	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	1320	0.412	ng		100
21) Hexachlorobenzene	16.51	284	1366	0.417	ng		100
22) Pentachlorophenol	16.89	266	318	0.310	ng		100
23) Phenanthrene	17.26	178	5309	0.387	ng		100
24) Anthracene	17.35	178	4520	0.359	ng		100
26) Fluoranthene	19.27	202	8765	0.376	ng		100
28) Pyrene	19.63	202	9083	0.417	ng		100
30) Benzo(a)anthracene	21.38	228	10188	0.412	ng		100
31) Chrysene	21.43	228	12047	0.471	ng		100
32) Bis(2-ethylhexyl)phthalate	21.29	149	13372	0.376	ng		100
33) Indeno(1,2,3-cd)pyrene	26.59	276	14131	0.466	ng		100
35) Benzo(b)fluoranthene	23.14	252	11609	0.418	ng		100
36) Benzo(k)fluoranthene	23.19	252	12713	0.438	ng		100
37) Benzo(a)pyrene	23.80	252	11429	0.418	ng		100
38) Dibenzo(a,h)anthracene	26.62	278	11129	0.404	ng		100
39) Benzo(g,h,i)perylene	27.42	276	11927	0.419	ng		100

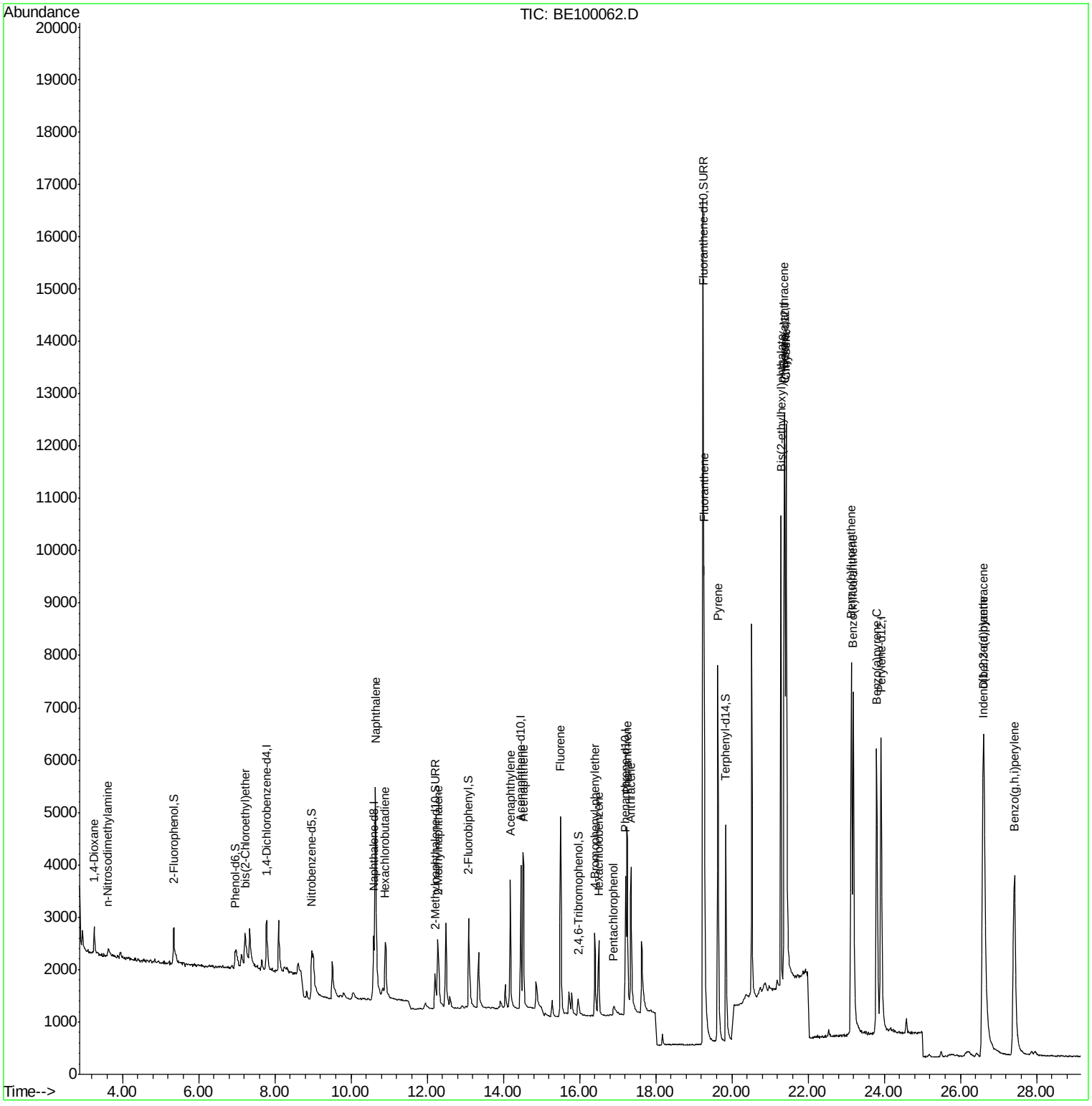
(#) = qualifier out of range (m) = manual integration (+) = signals summed

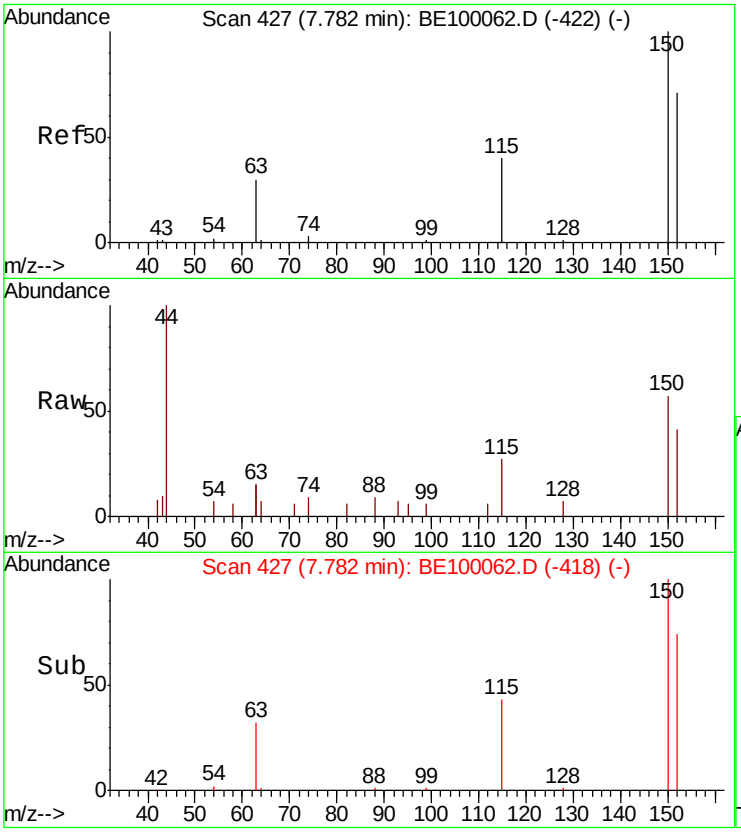
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100062.D
Acq On : 17 Jun 2019 12:32
Operator : JU/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 17 13:09:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 13:03:28 2019
Response via : Initial Calibration



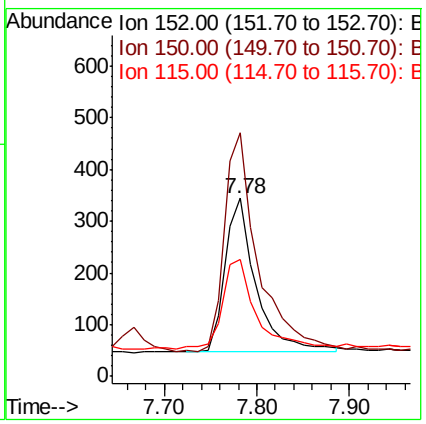


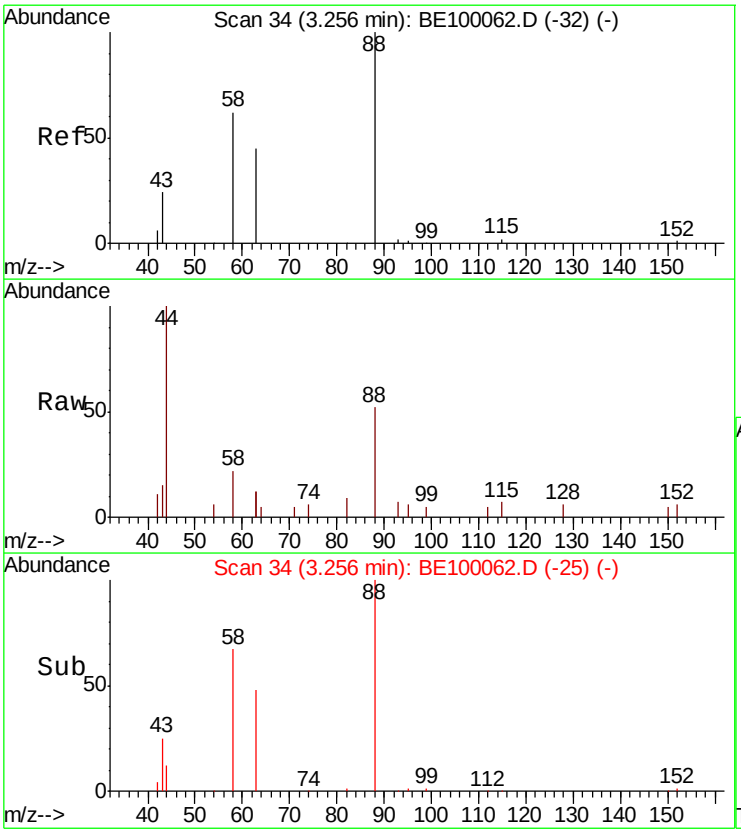
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 695

Ion	Ratio	Lower	Upper
152	100		
150	136.9	109.5	164.3
115	65.7	52.6	78.8

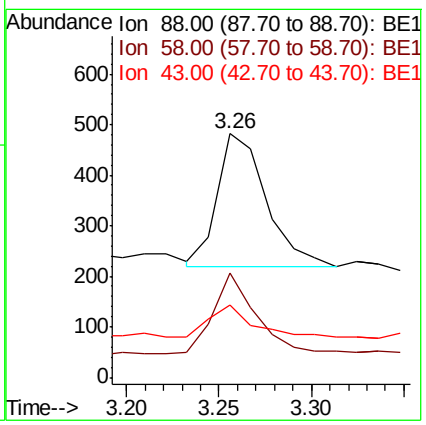


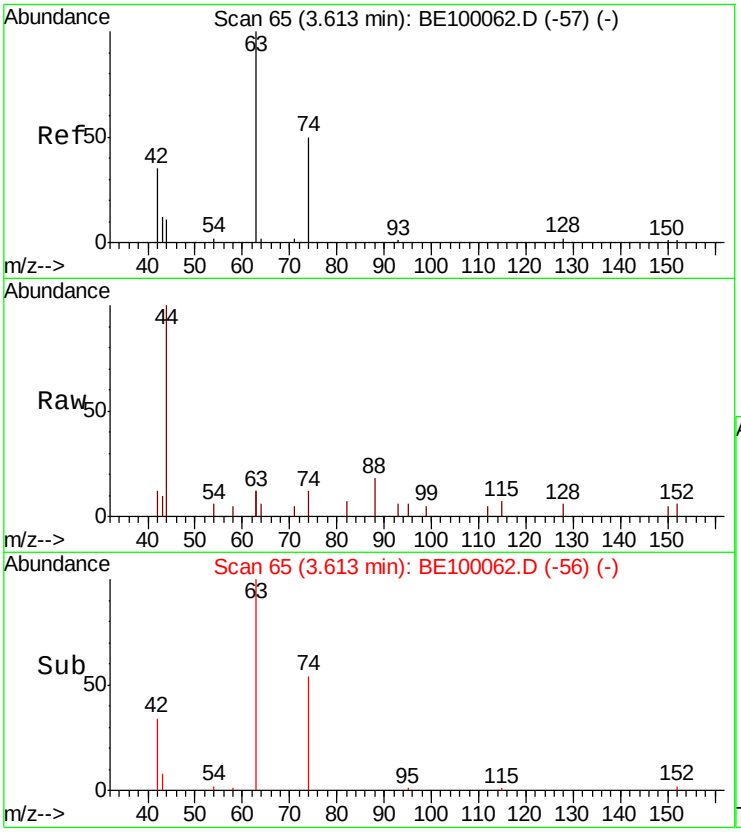


#2
1,4-Dioxane
Concen: 0.468 ng
RT: 3.26 min Scan# 34
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion: 88 Resp: 481

Ion	Ratio	Lower	Upper
88	100		
58	52.4	41.9	62.9
43	19.8	15.8	23.8



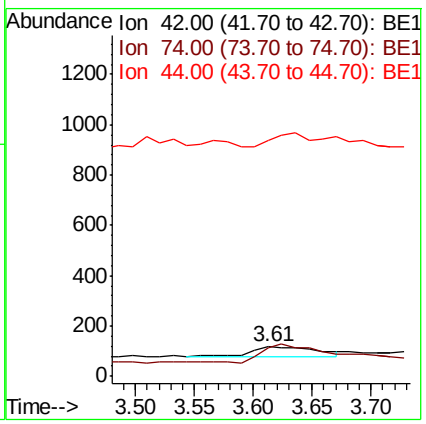


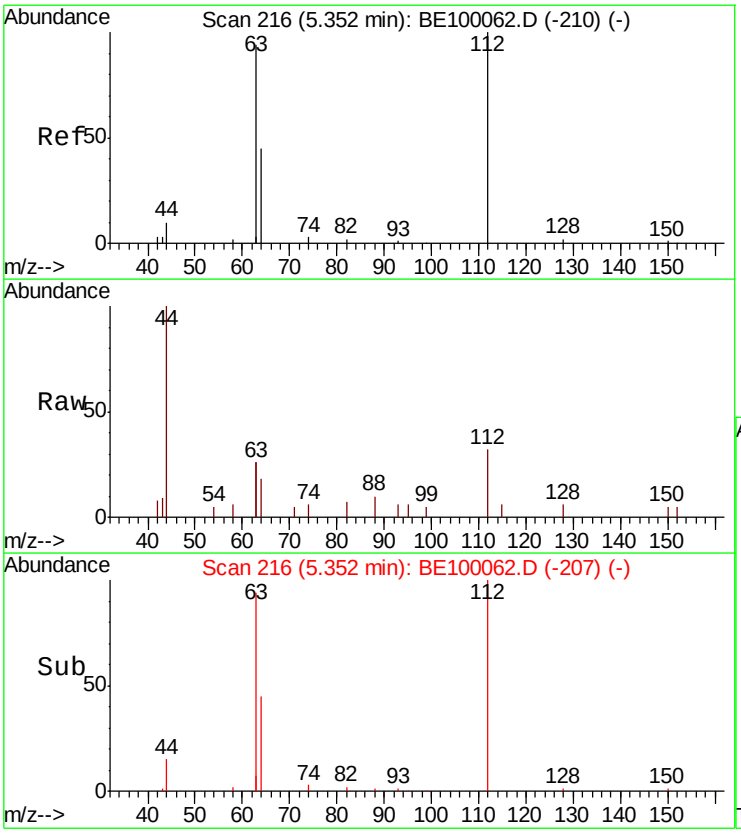
#3
n-Nitrosodimethylamine
Concen: 0.248 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 147

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

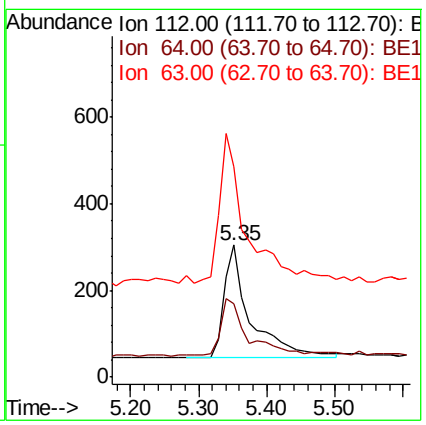


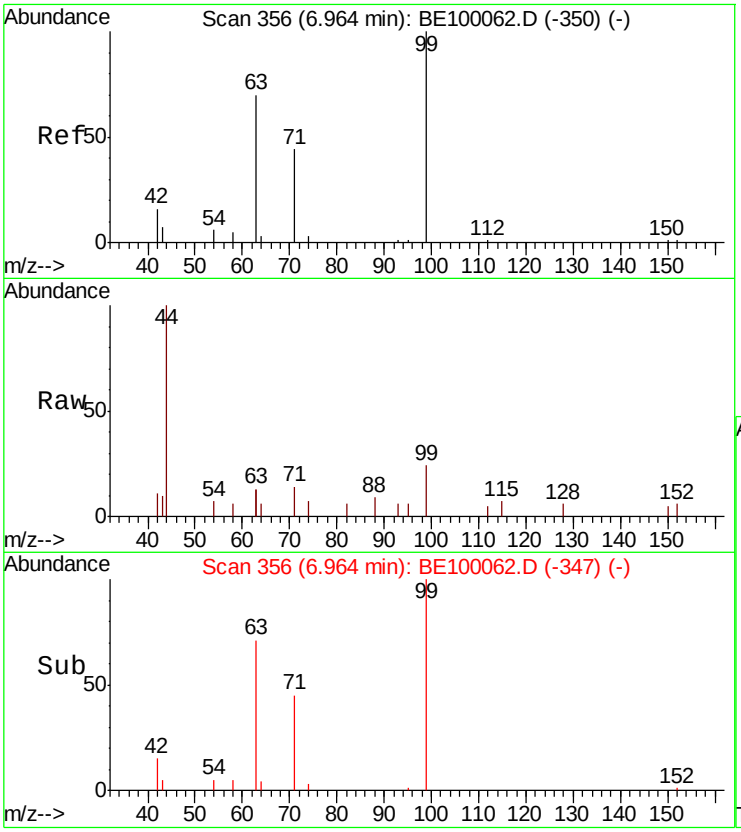


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.35 min Scan# 216
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:112 Resp: 701

Ion	Ratio	Lower	Upper
112	100		
64	49.5	39.6	59.4
63	141.2	113.0	169.4



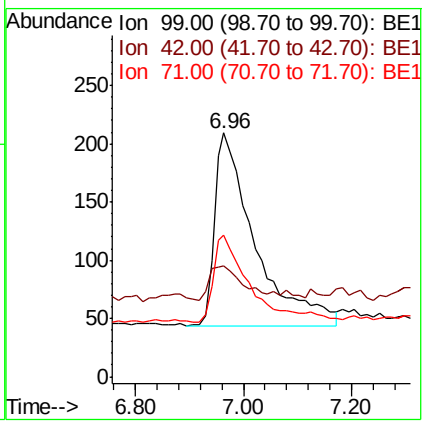


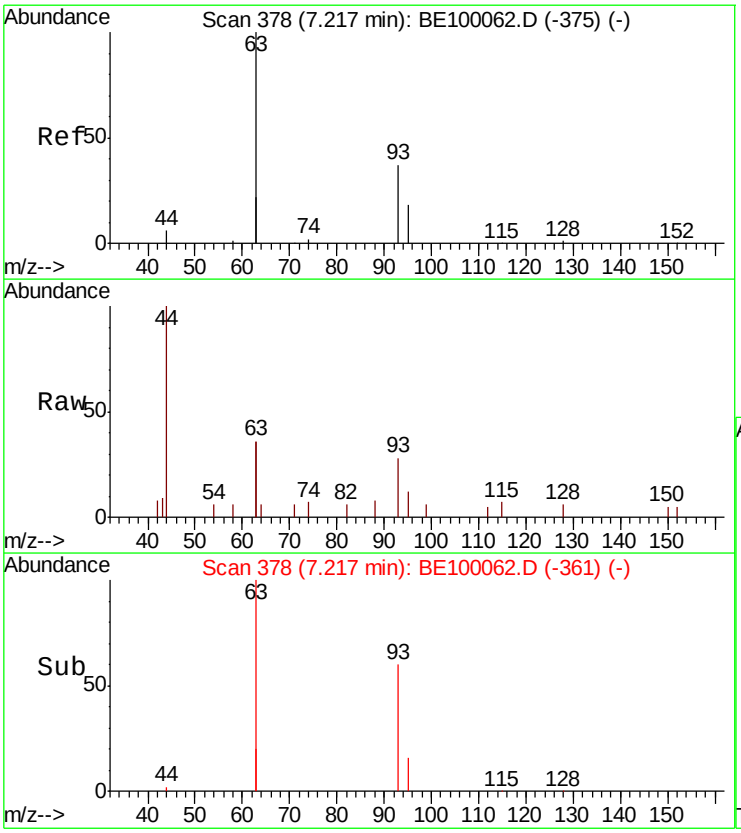
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.96 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 858

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.4	17.2
71	41.0	32.8	49.2

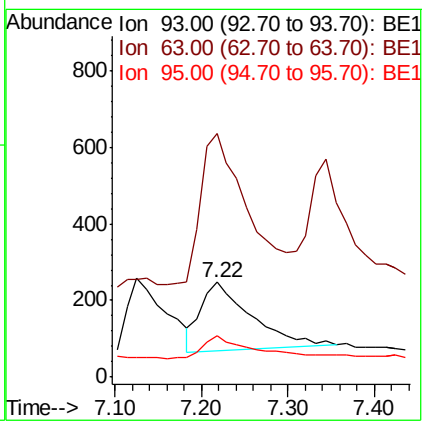


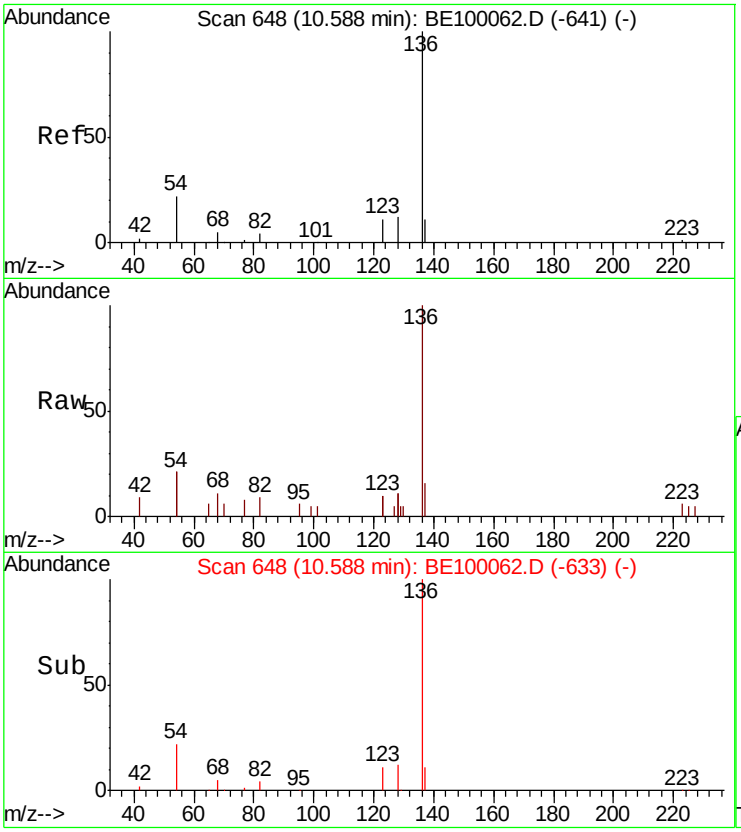


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.22 min Scan# 378
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion: 93 Resp: 714

Ion	Ratio	Lower	Upper
93	100		
63	206.3	165.0	247.6
95	33.8	26.5	39.7



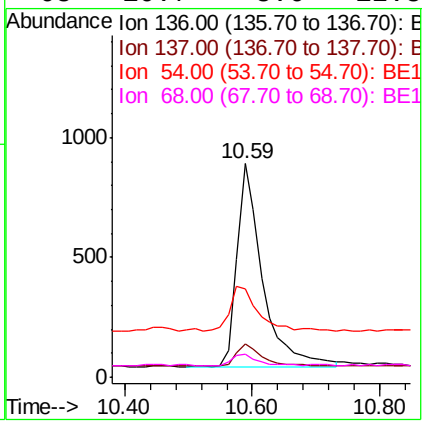


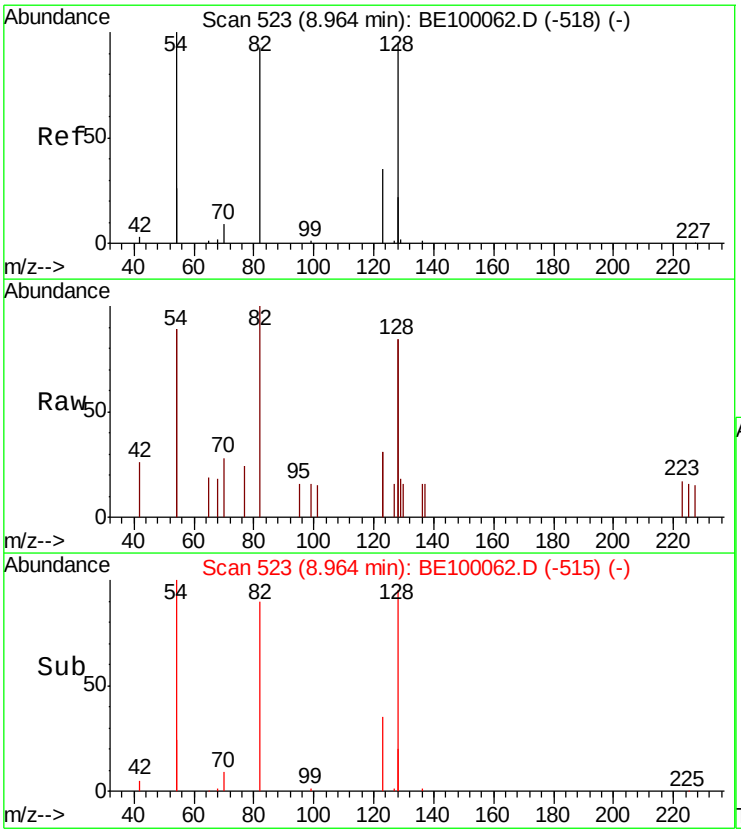
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 2342

Ion	Ratio	Lower	Upper
136	100		
137	15.8	12.6	19.0
54	41.3	33.0	49.6
68	10.7	8.6	12.8

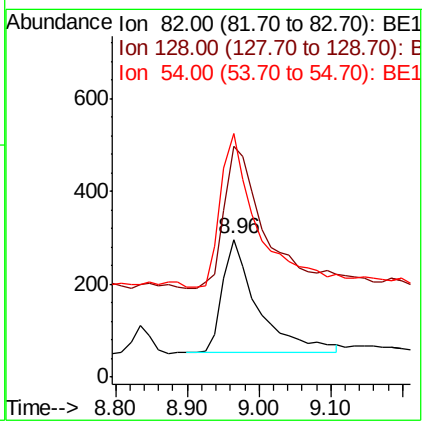


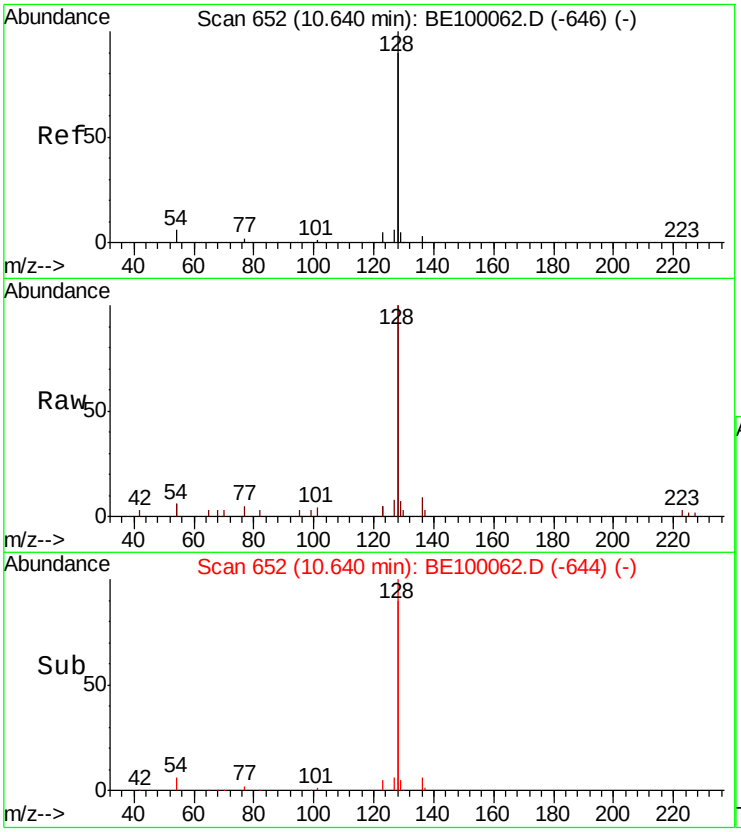


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.96 min Scan# 523
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion: 82 Resp: 843

Ion	Ratio	Lower	Upper
82	100		
128	168.2	134.6	201.8
54	177.0	141.6	212.4



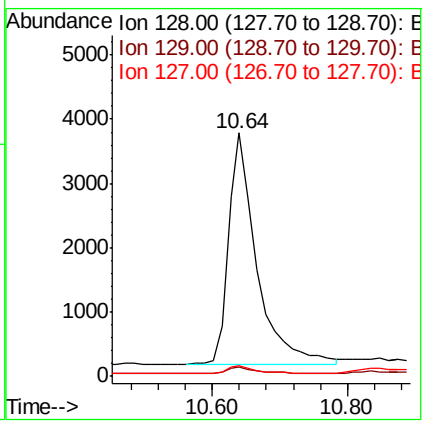


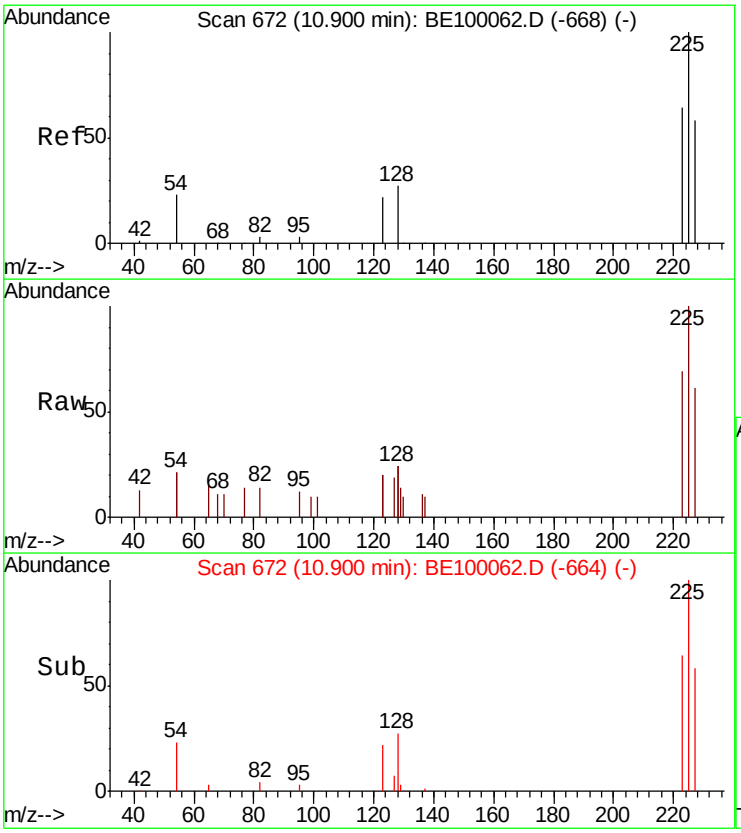
#9
Naphthalene
Concen: 0.413 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 10441

Ion	Ratio	Lower	Upper
128	100		
129	3.7	3.0	4.4
127	4.2	3.4	5.0

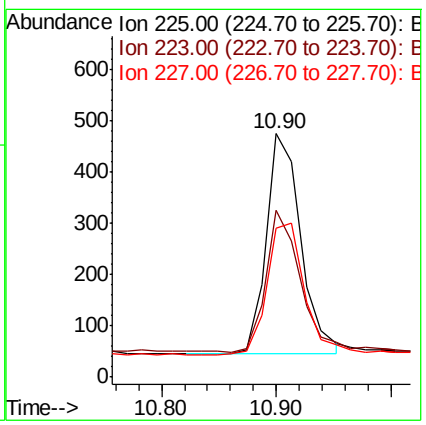


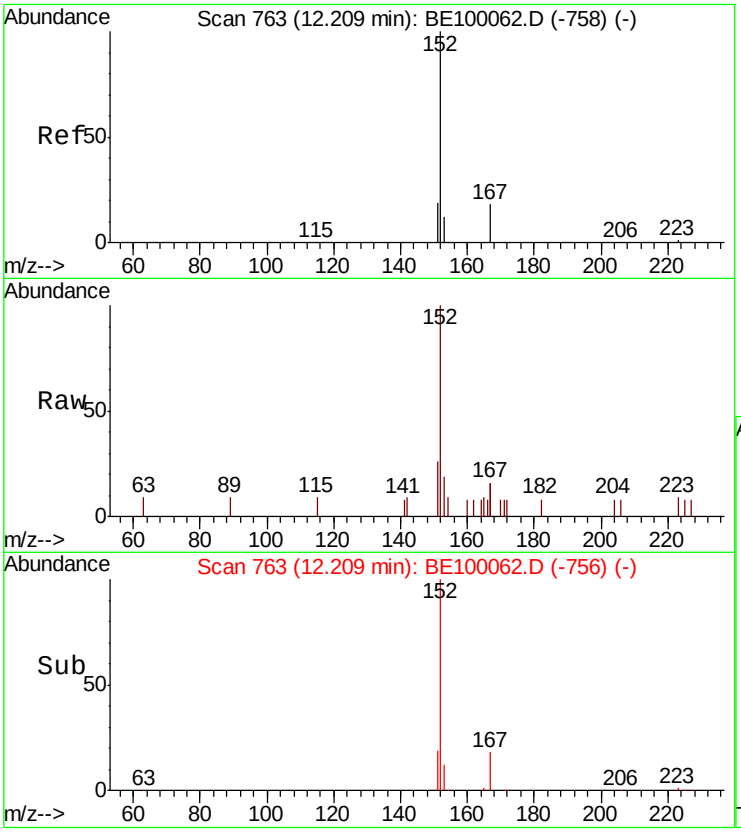


#10
Hexachlorobutadiene
Concen: 0.465 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:225 Resp: 896

Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.1	76.7
227	64.3	51.9	77.9



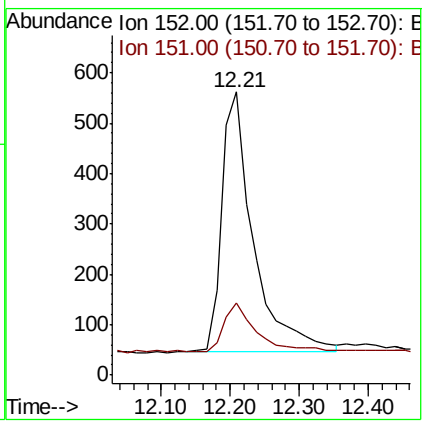


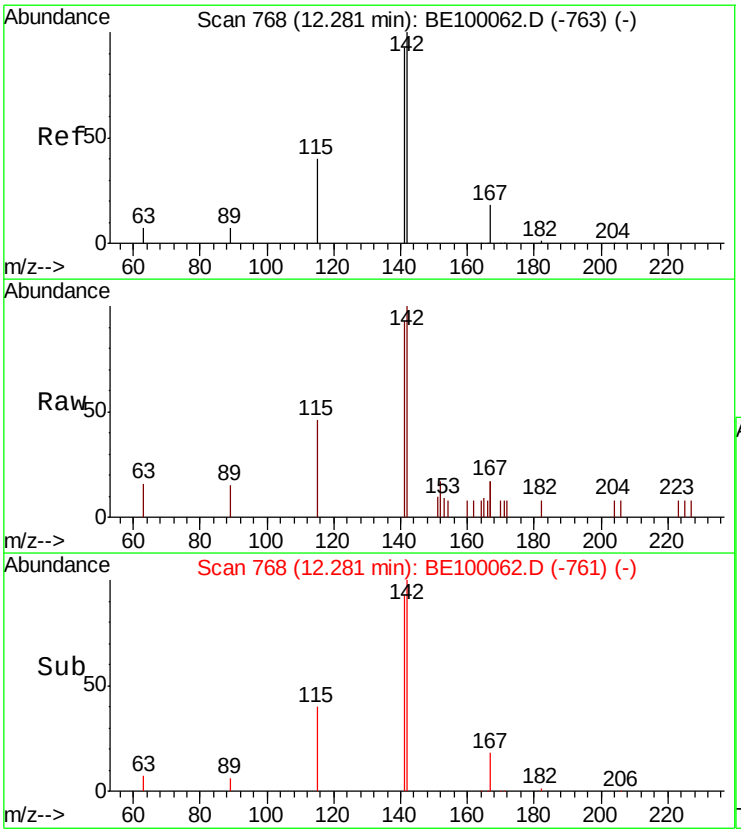
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 1640

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

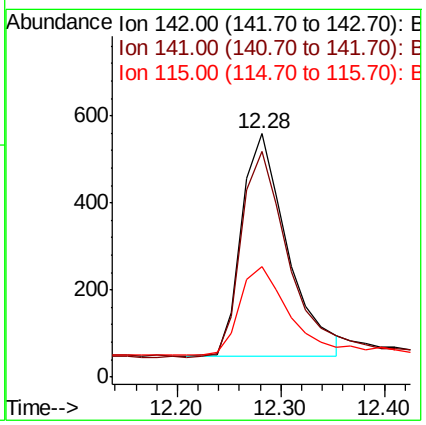


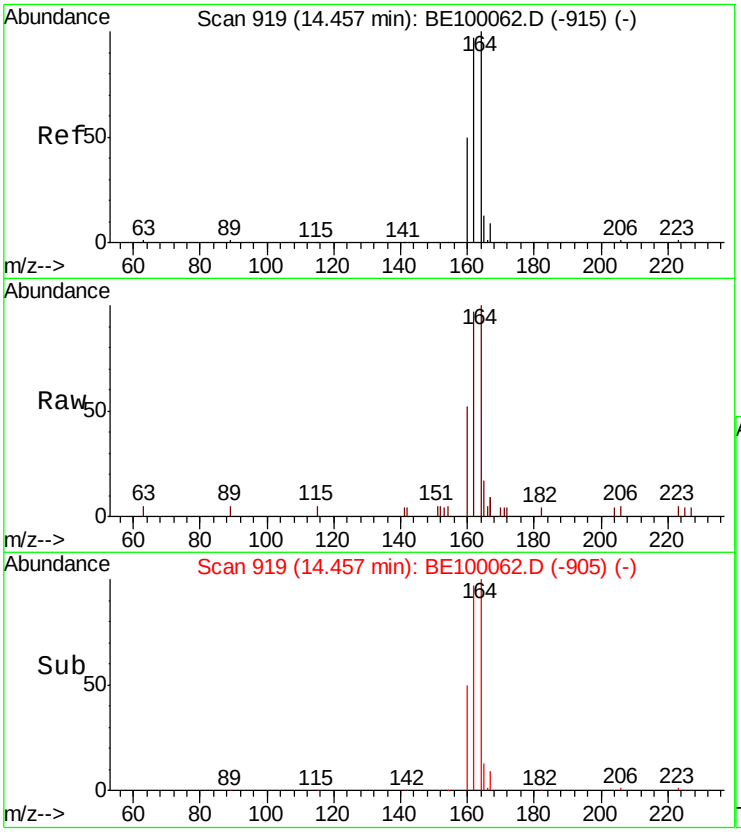


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:142 Resp: 1571

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
115	45.6	36.5	54.7



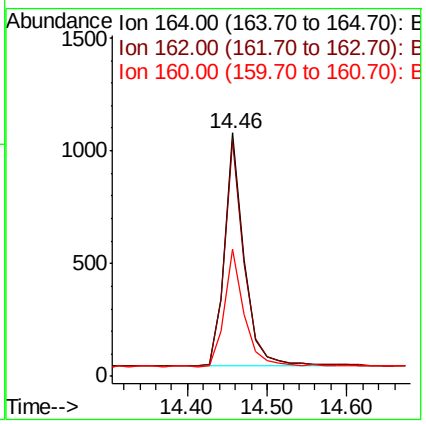


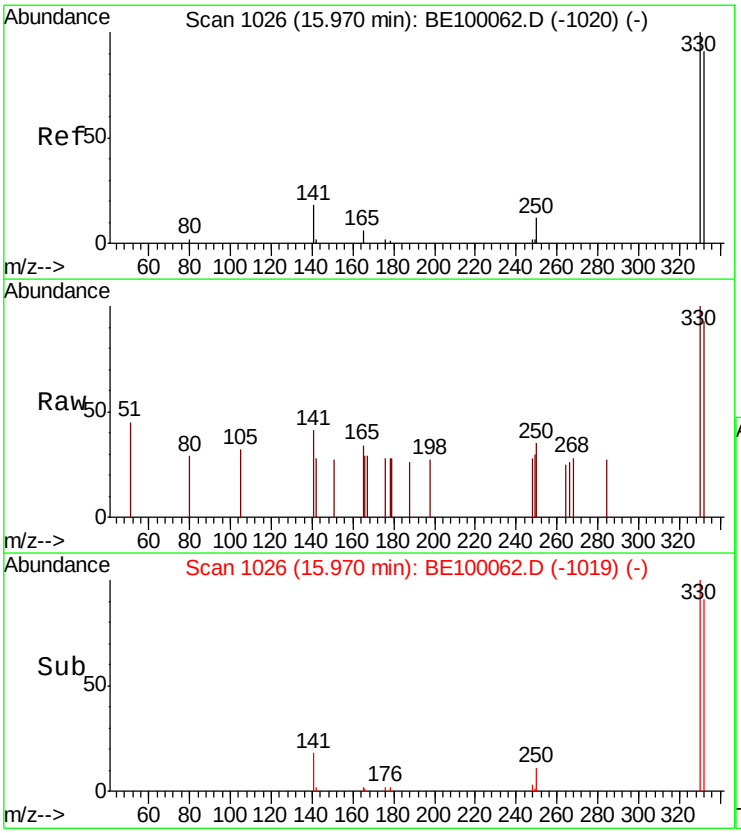
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 1781

Ion	Ratio	Lower	Upper
164	100		
162	97.0	77.6	116.4
160	52.1	41.7	62.5

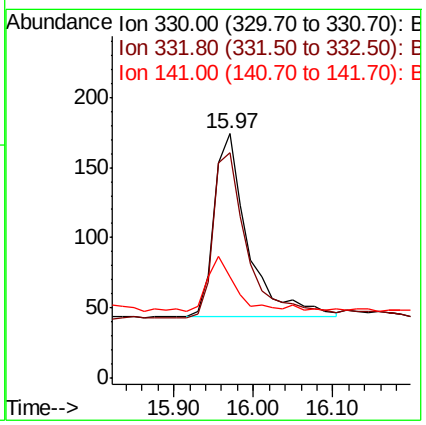


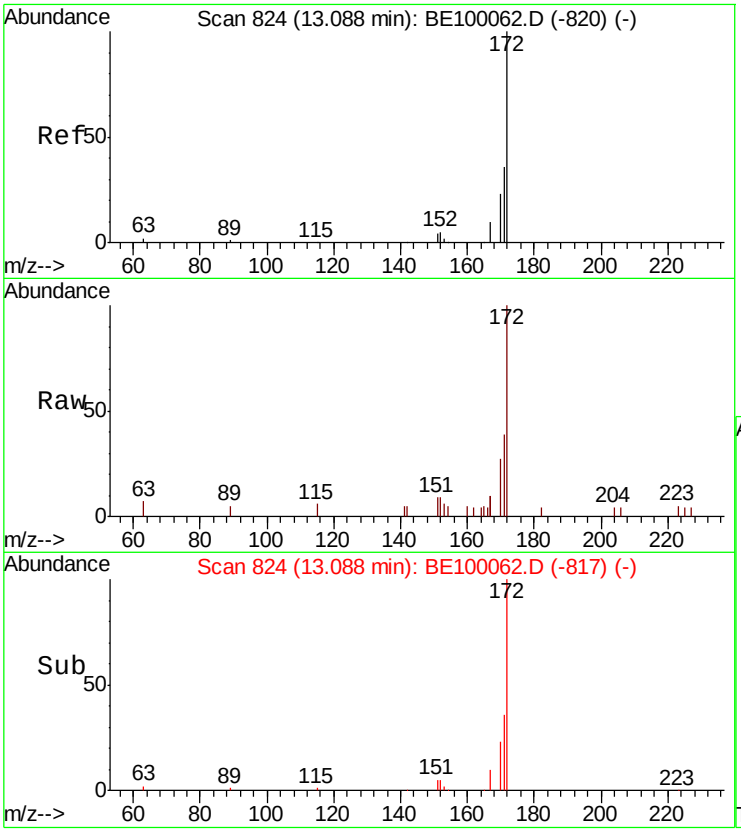


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:330 Resp: 378

Ion	Ratio	Lower	Upper
330	100		
332	93.4	74.7	112.1
141	25.4	20.3	30.5



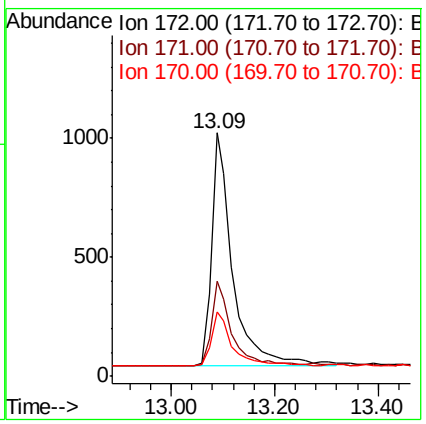


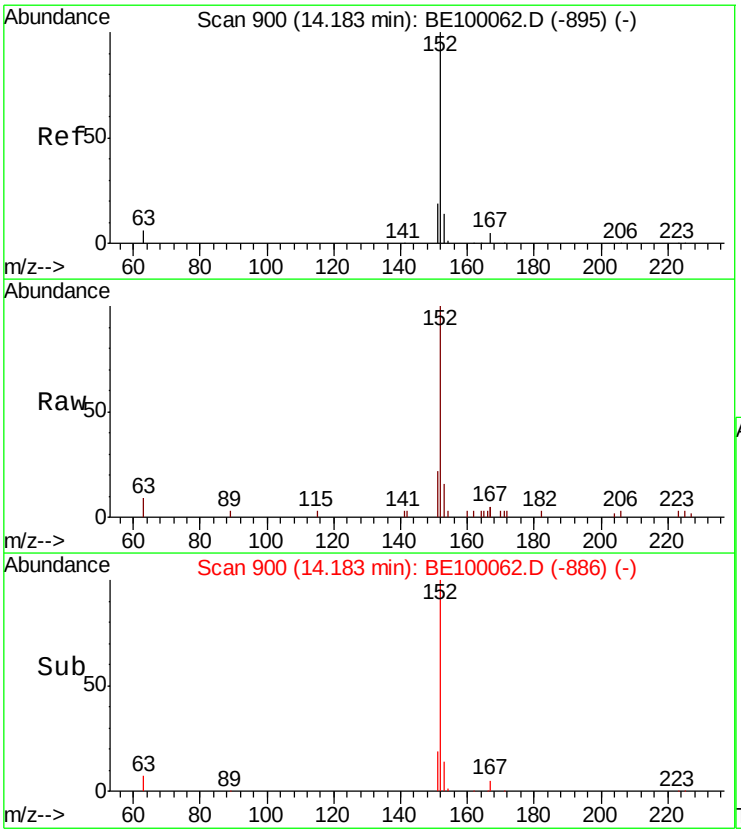
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 2803

Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.0	46.6
170	26.6	21.3	31.9

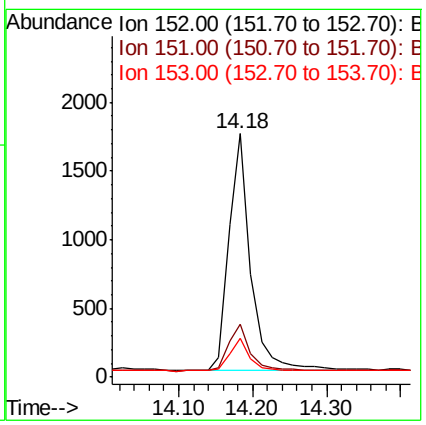


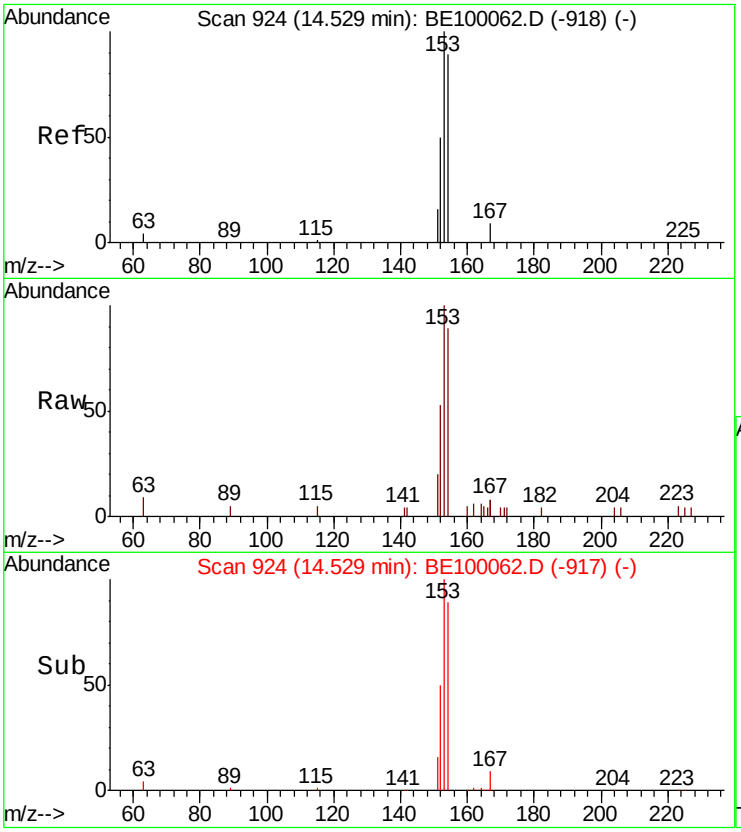


#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:152 Resp: 3503

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.9	11.1	16.7



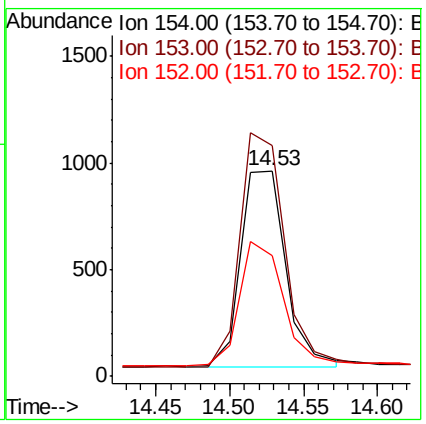


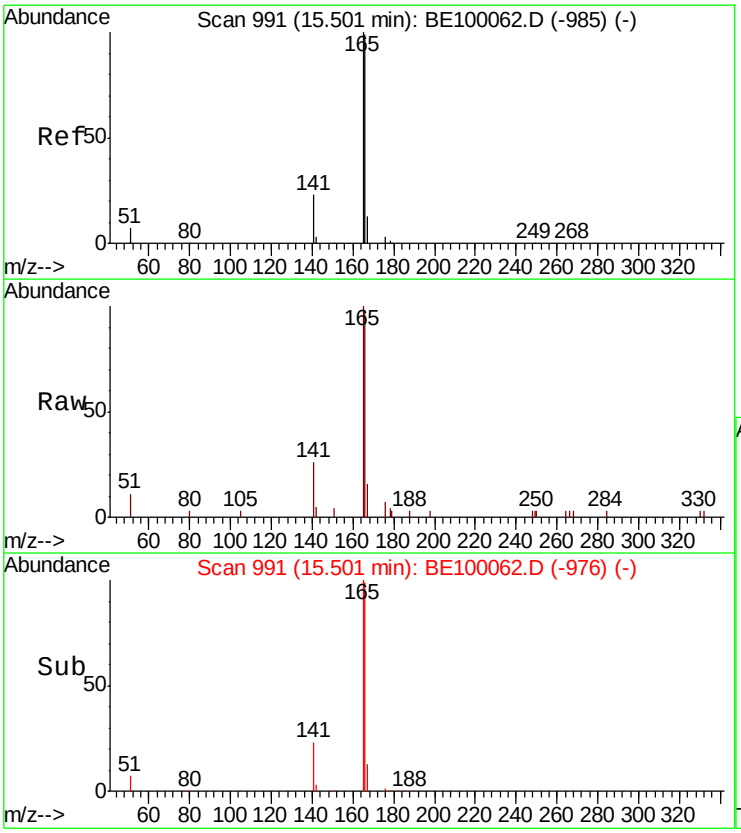
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 1940

Ion	Ratio	Lower	Upper
154	100		
153	117.9	94.3	141.5
152	61.3	49.0	73.6

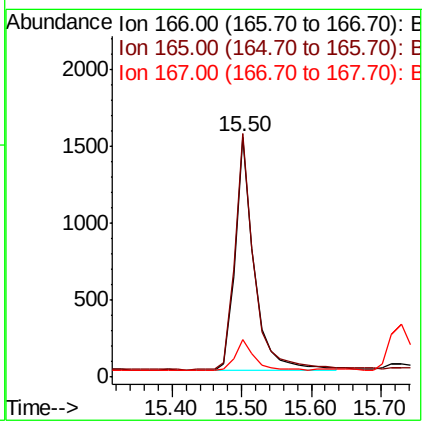


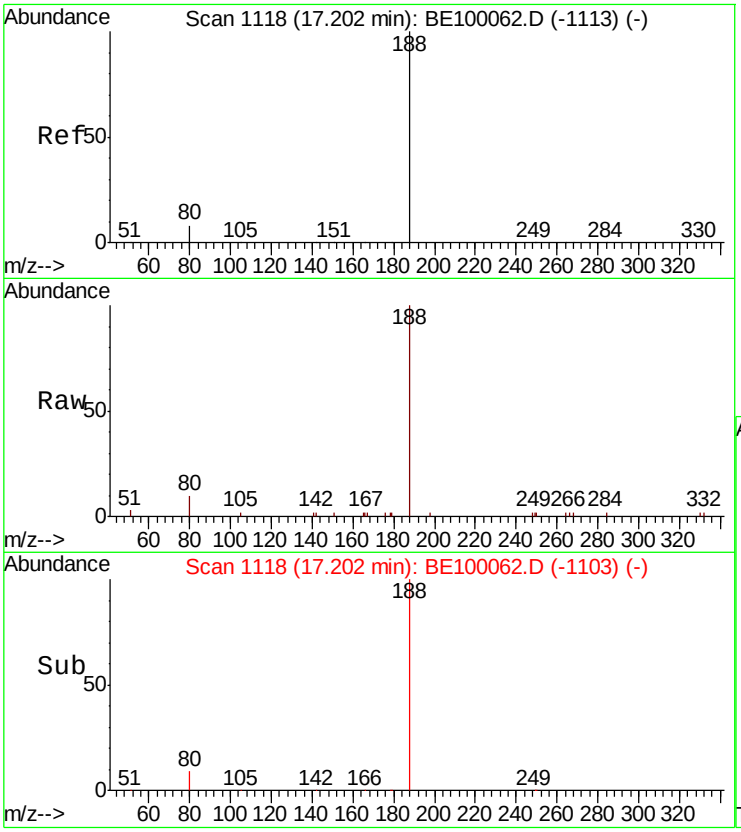


#18
Fluorene
Concen: 0.393 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:166 Resp: 2849

Ion	Ratio	Lower	Upper
166	100		
165	102.9	82.3	123.5
167	13.7	11.0	16.4



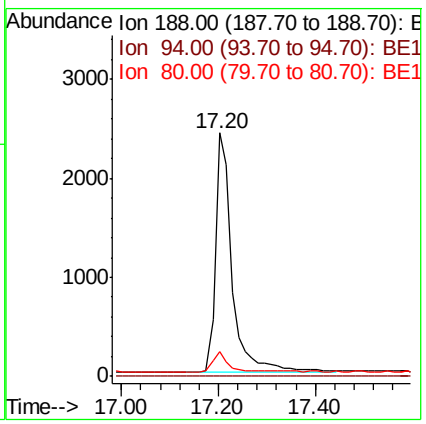


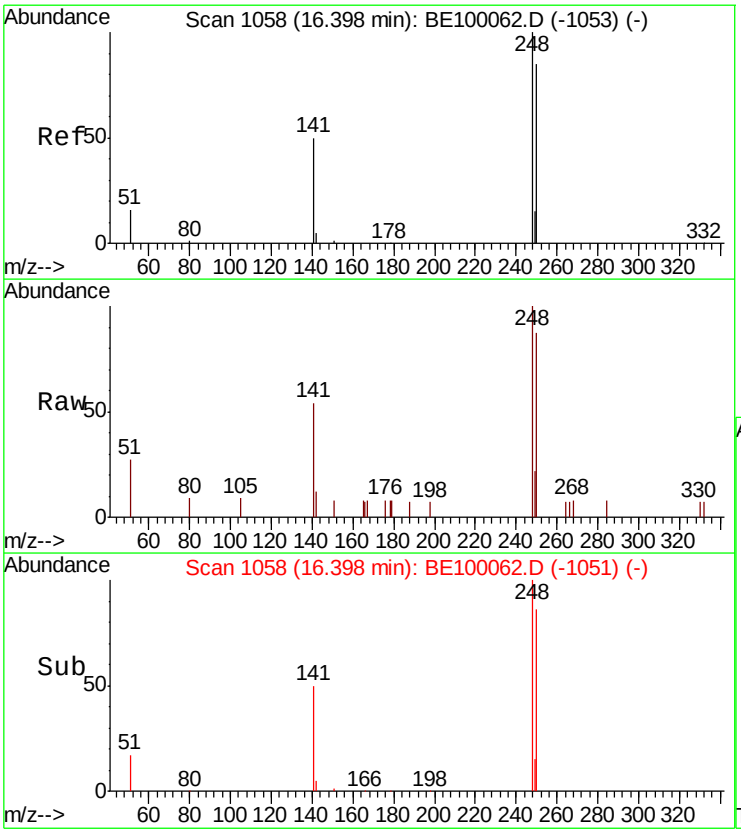
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 5658

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.2	12.4

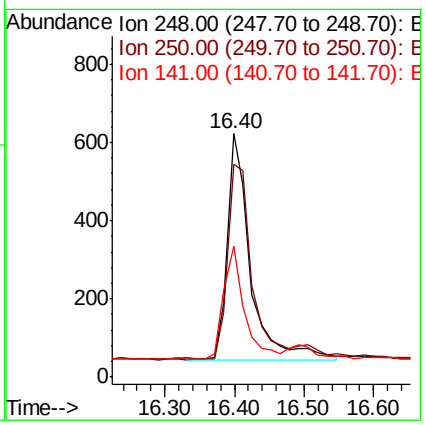


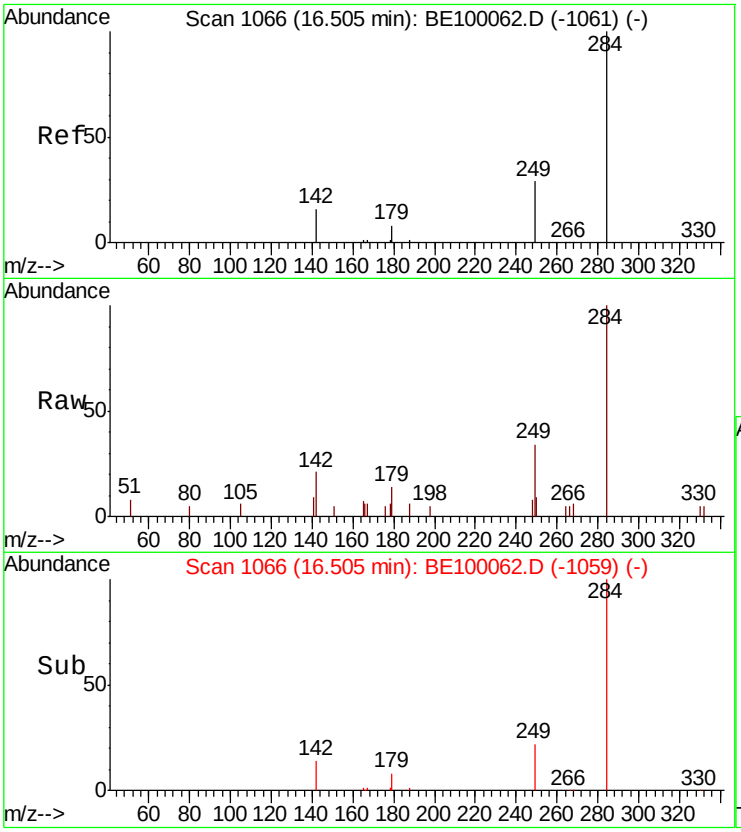


#20
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:248 Resp: 1320

Ion	Ratio	Lower	Upper
248	100		
250	87.3	69.8	104.8
141	53.8	43.0	64.6



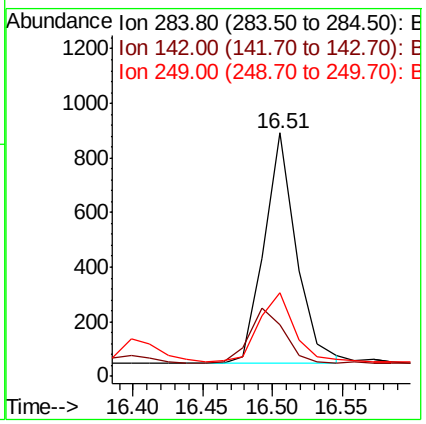


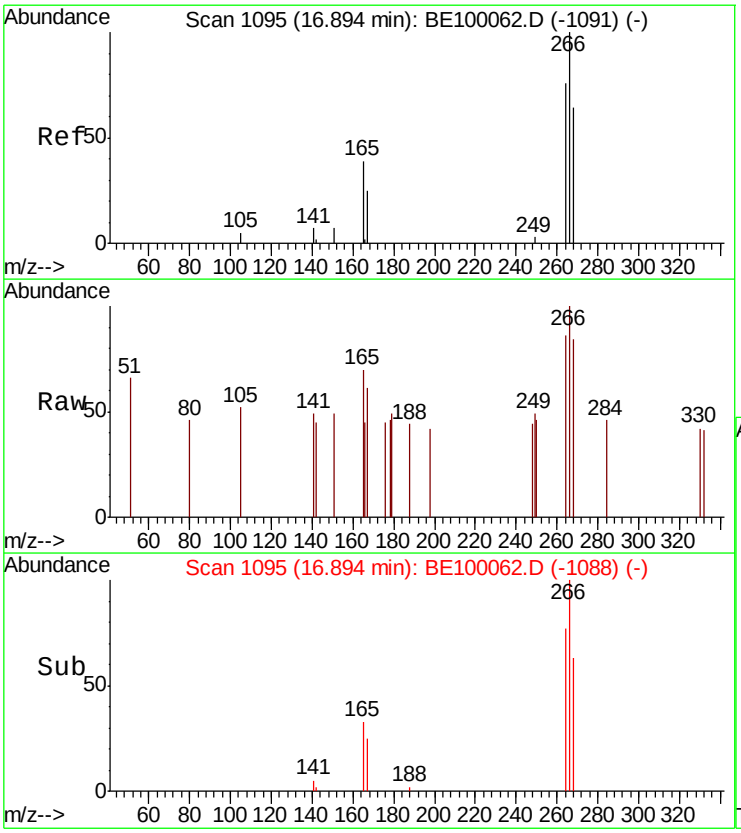
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.51 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 1366

Ion	Ratio	Lower	Upper
284	100		
142	25.5	20.3	30.5
249	31.6	25.3	37.9

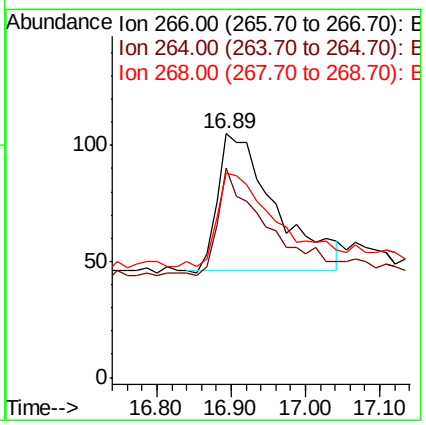


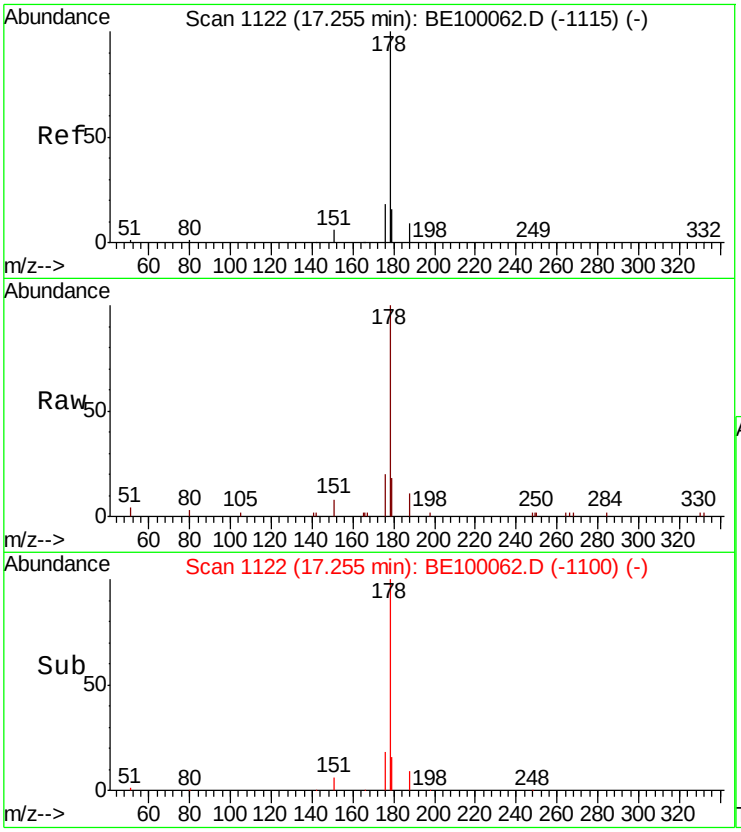


#22
Pentachlorophenol
Concen: 0.310 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:266 Resp: 318

Ion	Ratio	Lower	Upper
266	100		
264	85.7	68.6	102.8
268	83.8	67.0	100.6



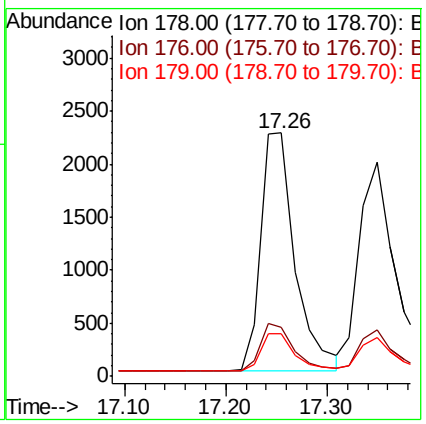


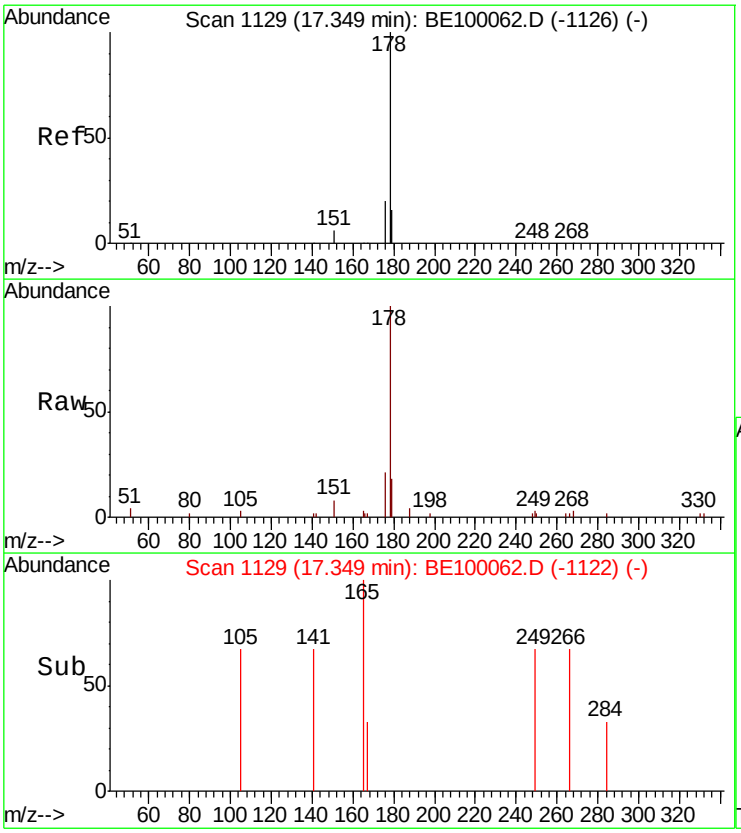
#23
Phenanthrene
Concen: 0.387 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 5309

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.5	12.4	18.6

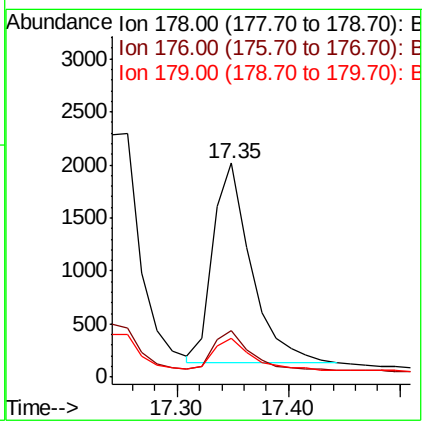


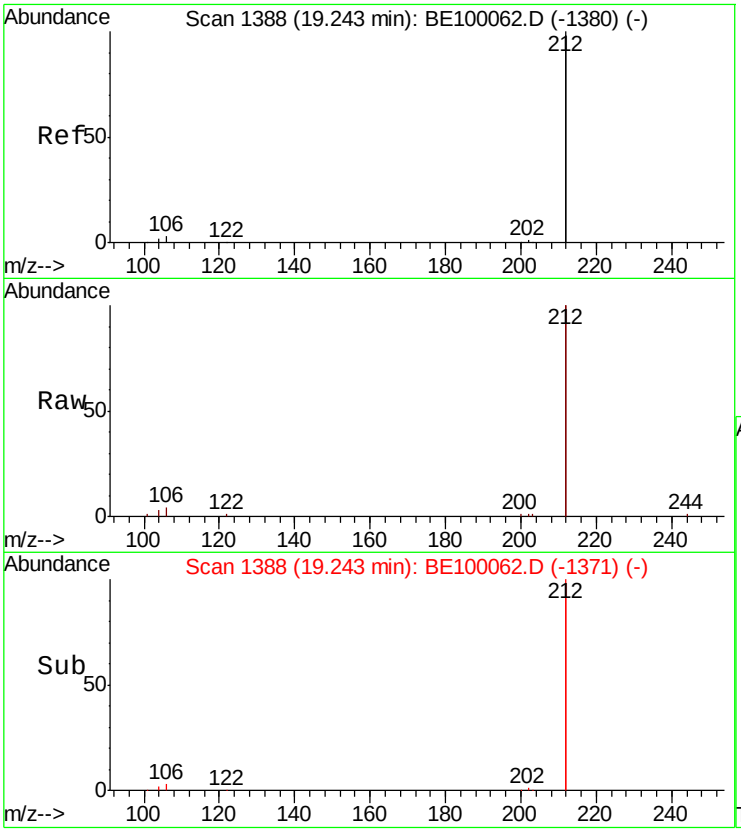


#24
Anthracene
Concen: 0.359 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:178 Resp: 4520

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.7	12.6	19.0



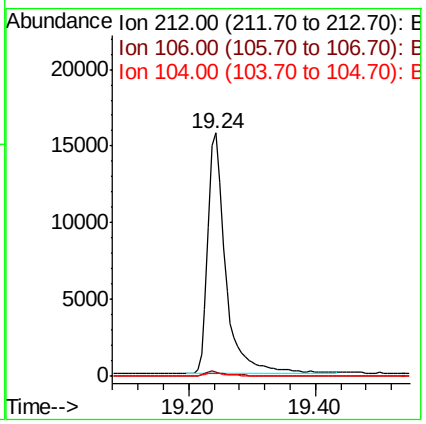


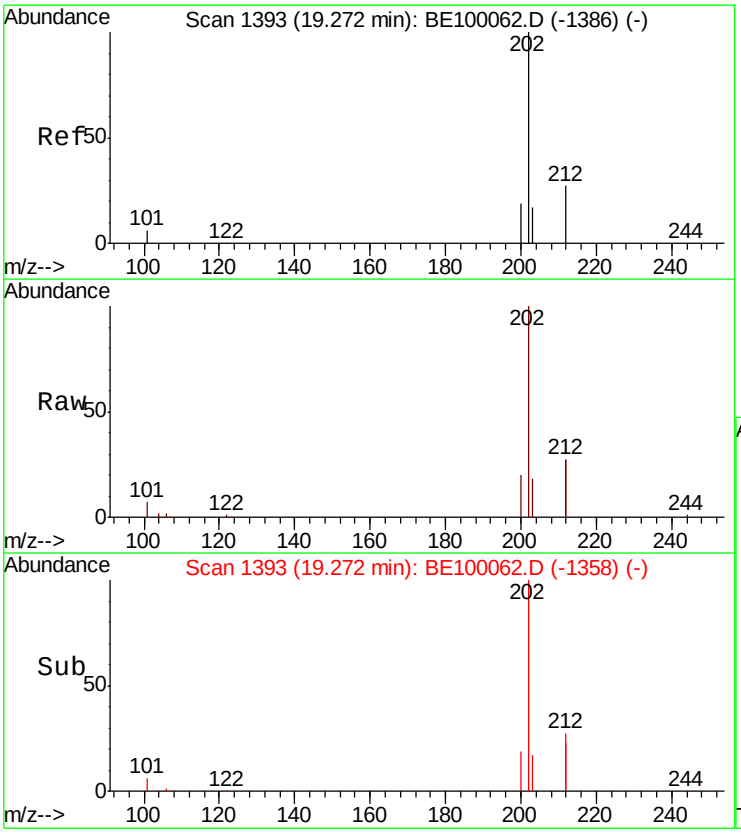
#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:212 Resp: 30496

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

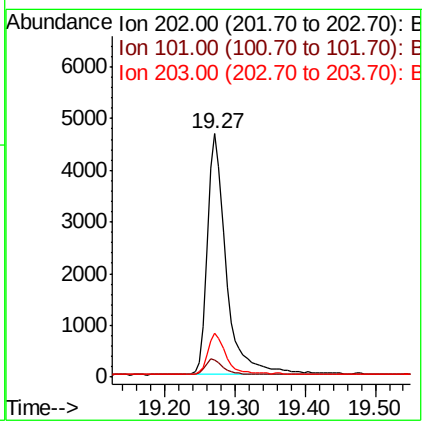


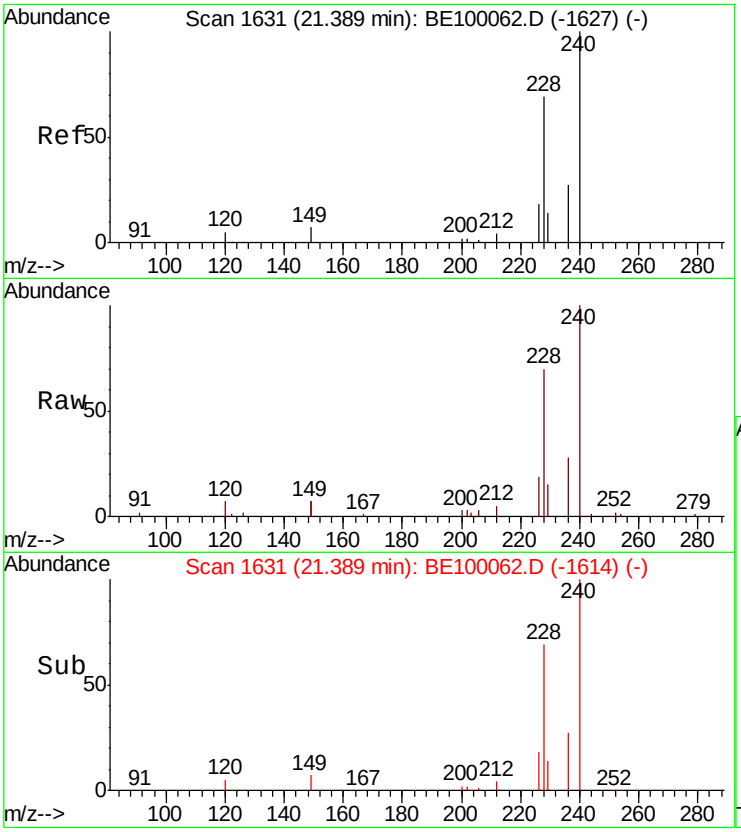


#26
Fluoranthene
Concen: 0.376 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:202 Resp: 8765

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.3	7.9
203	16.6	13.3	19.9



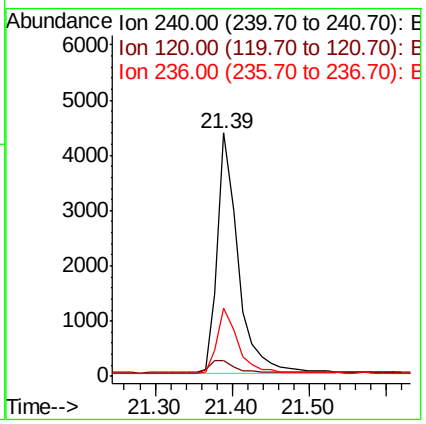


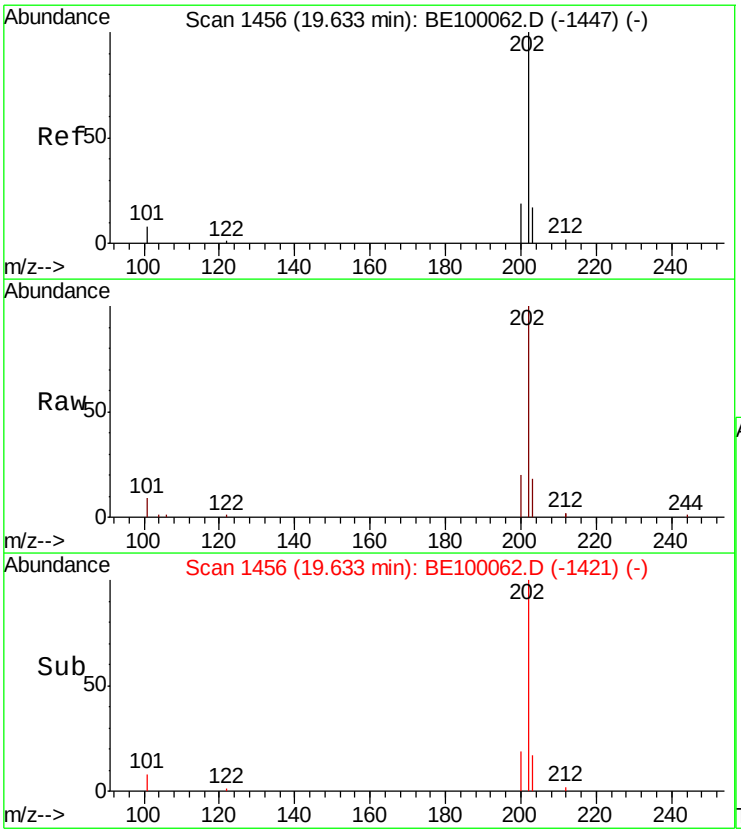
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 8281

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.4	8.0
236	28.2	22.6	33.8

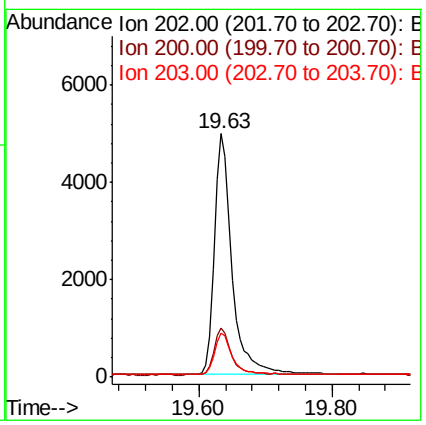


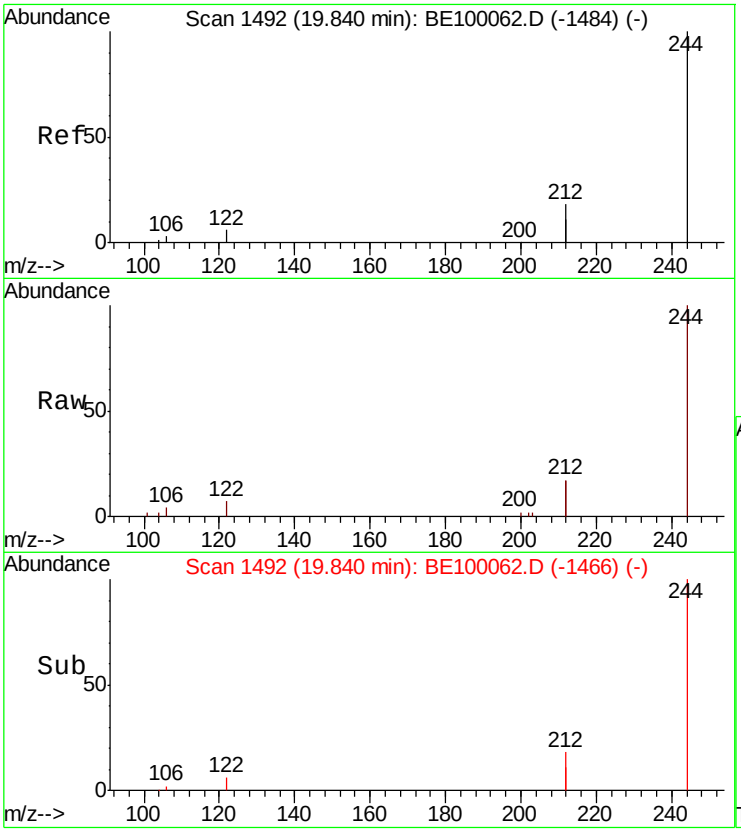


#28
Pyrene
Concen: 0.417 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:202 Resp: 9083

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.6	23.4
203	17.5	14.0	21.0



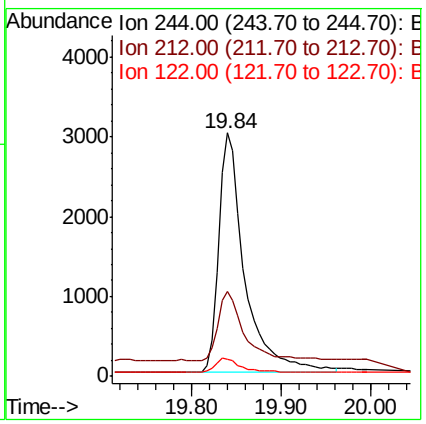


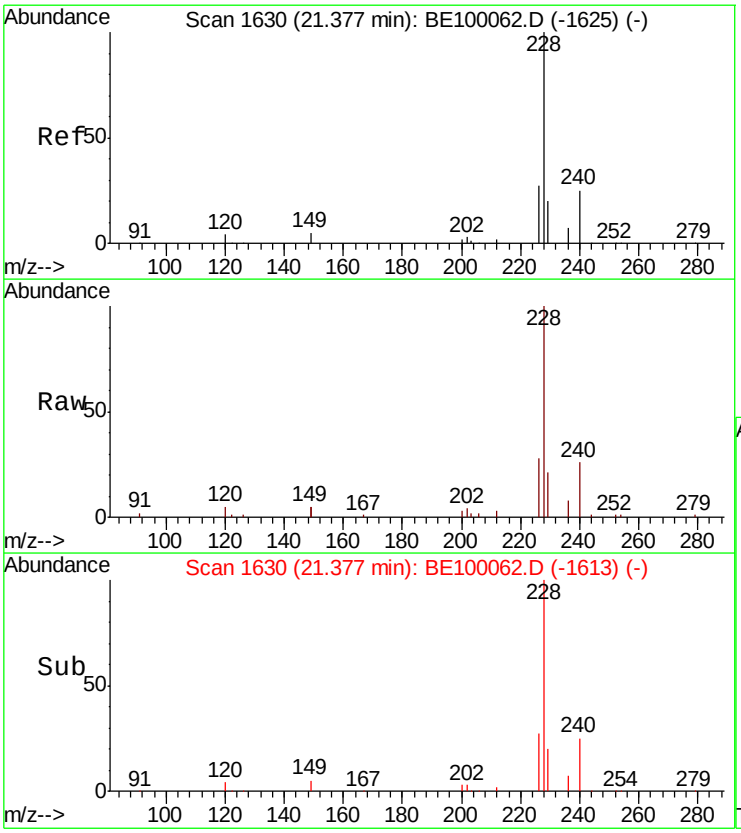
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.84 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 6041

Ion	Ratio	Lower	Upper
244	100		
212	34.9	27.9	41.9
122	7.2	5.8	8.6

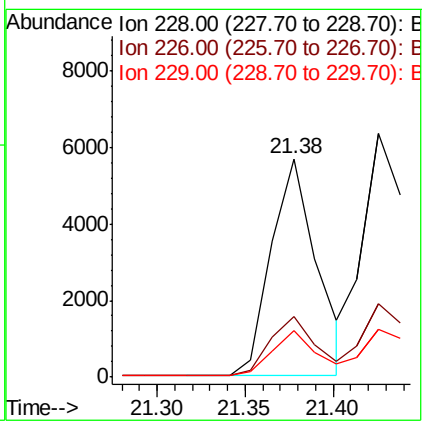


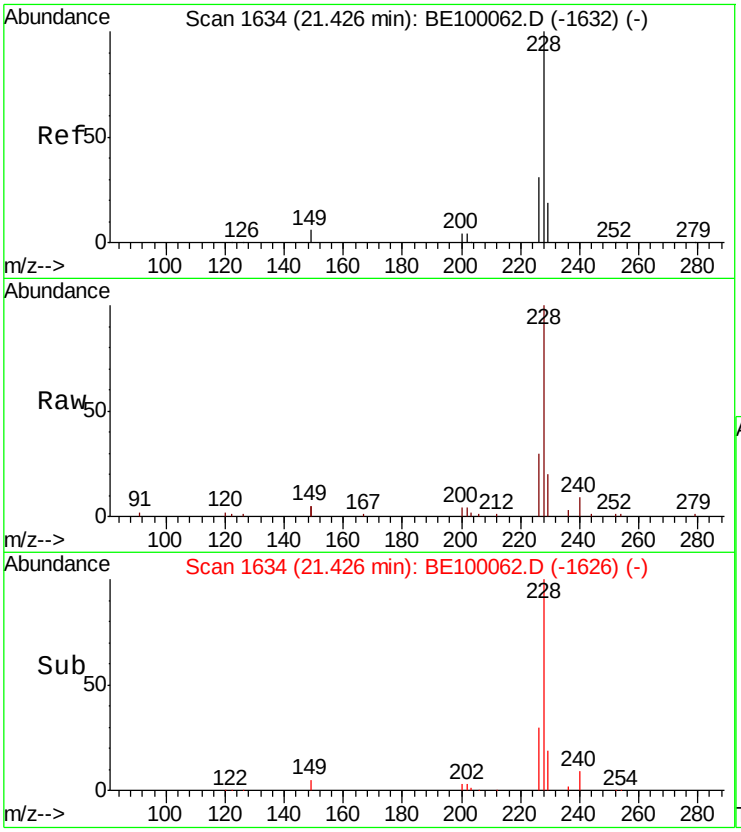


#30
Benzo(a)anthracene
Concen: 0.412 ng
RT: 21.38 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:228 Resp: 10188

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	21.1	16.9	25.3



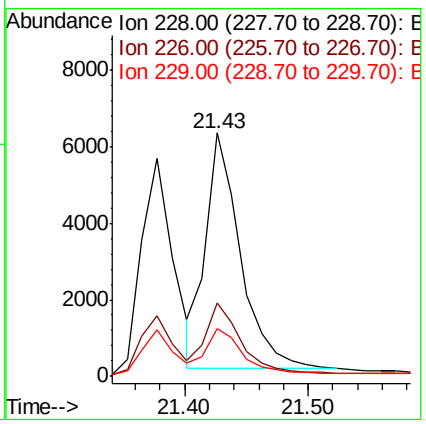


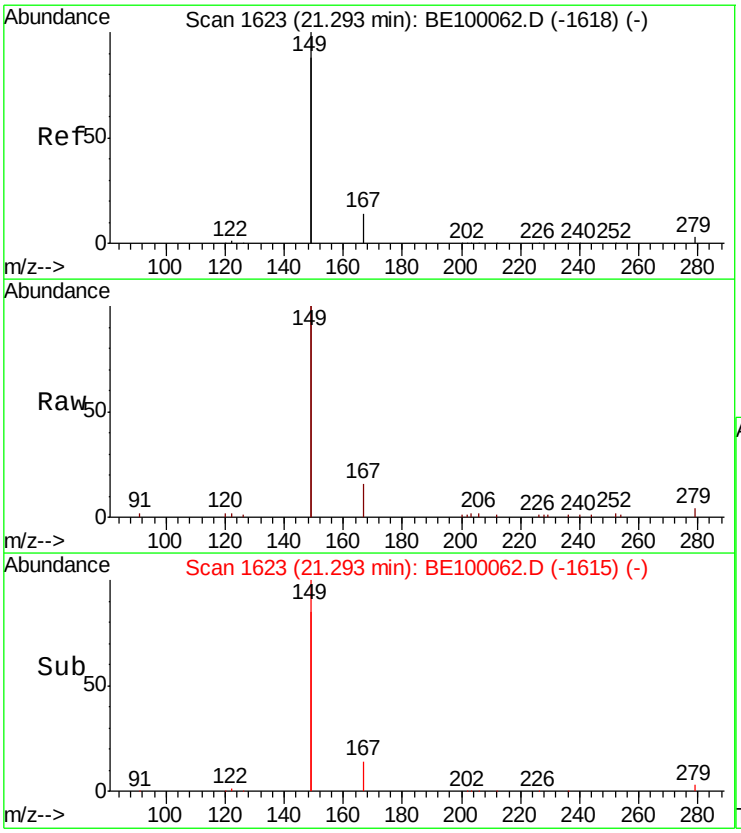
#31
Chrysene
Concen: 0.471 ng
RT: 21.43 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 12047

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	15.8	23.8

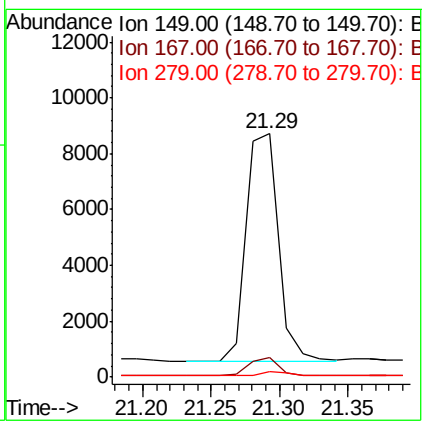


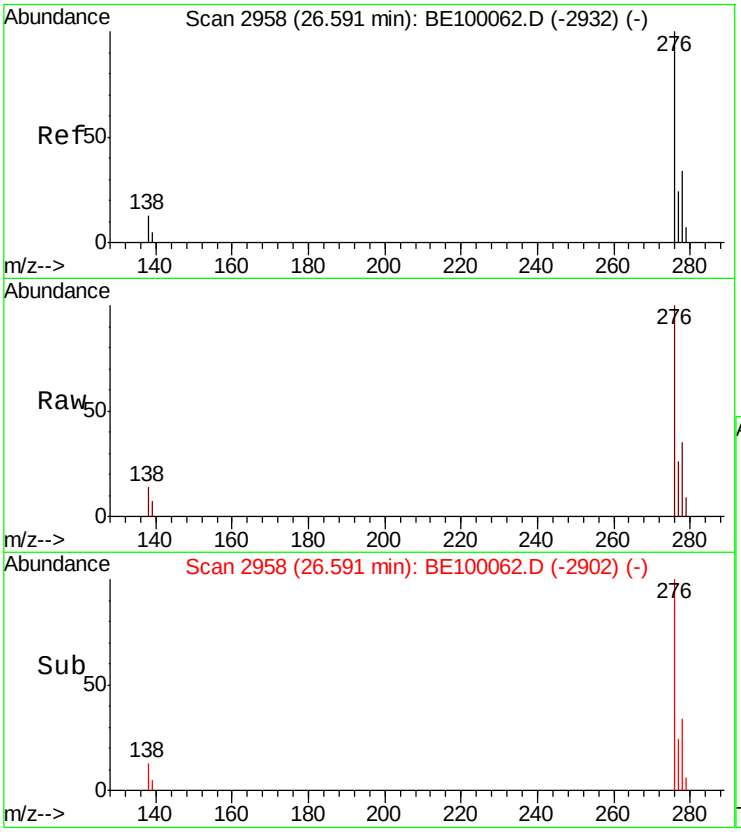


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.376 ng
RT: 21.29 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:149 Resp: 13372

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.3	1.0	1.6



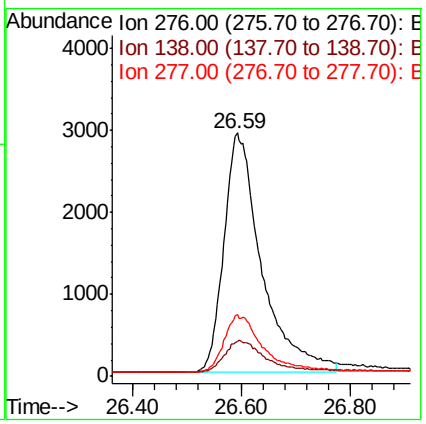


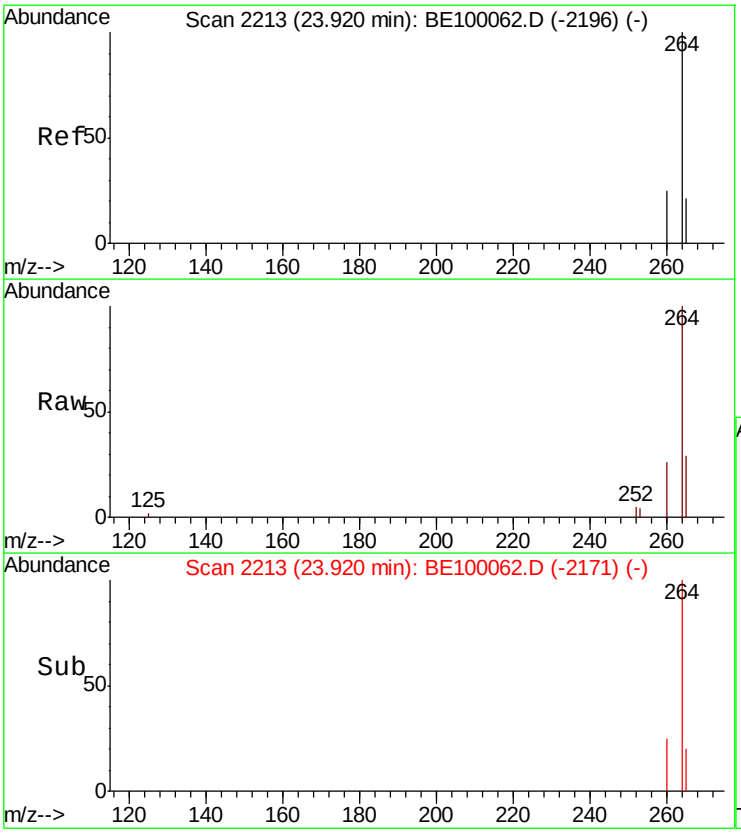
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.466 ng
RT: 26.59 min Scan# 2958
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 14131

Ion	Ratio	Lower	Upper
276	100		
138	13.4	10.7	16.1
277	23.9	19.0	28.6

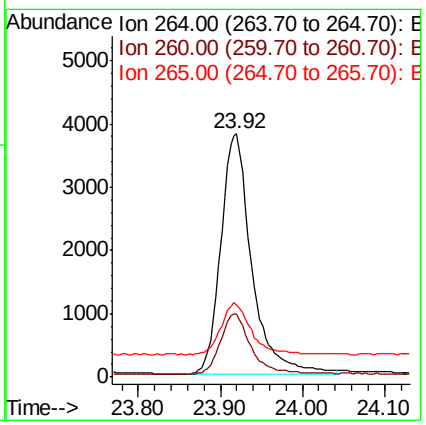


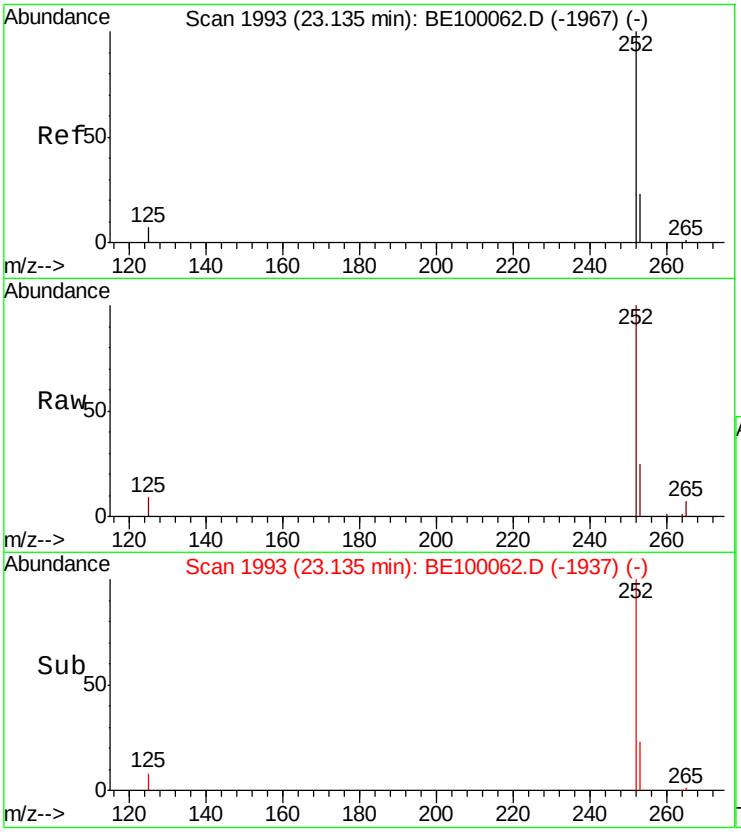


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:264 Resp: 9913

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	31.0
265	29.5	23.6	35.4



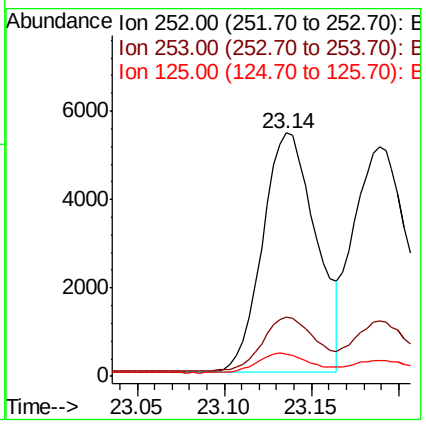


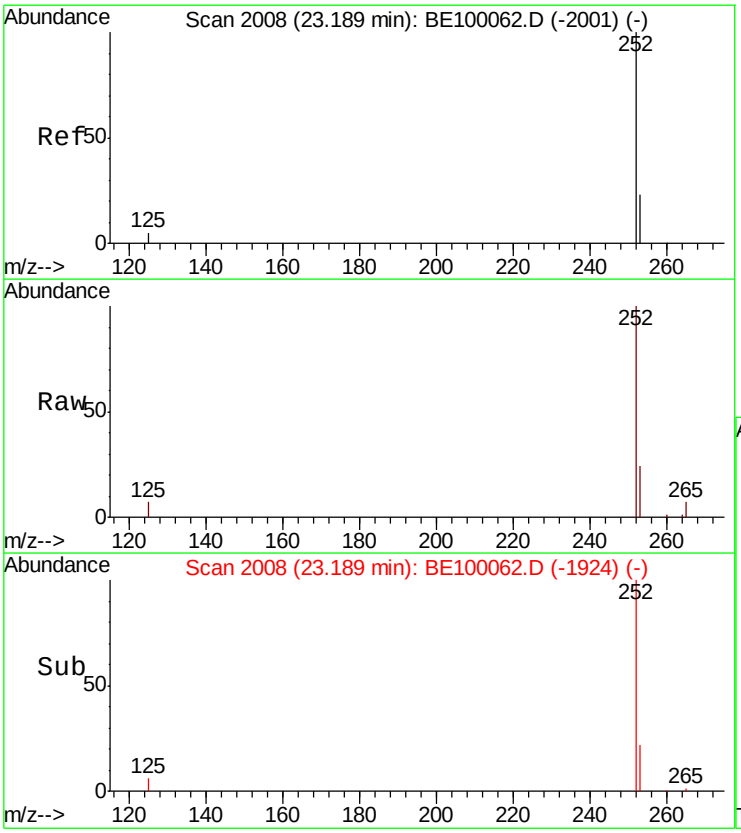
#35
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 23.14 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 11609

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.6	29.4
125	9.0	7.2	10.8

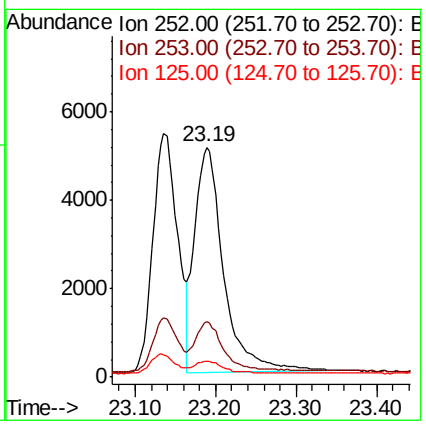


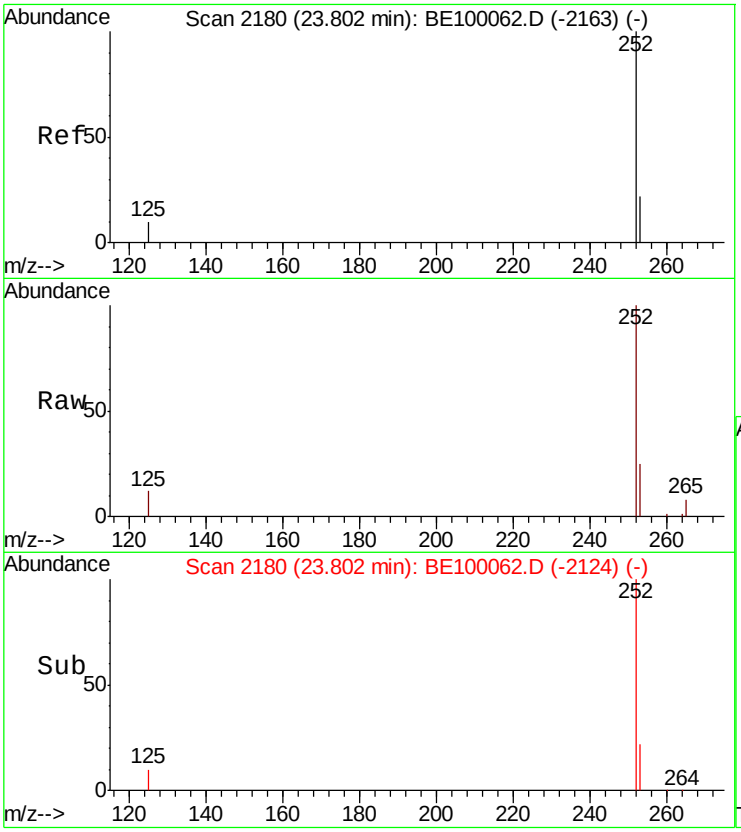


#36
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:252 Resp: 12713

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	7.0	5.6	8.4



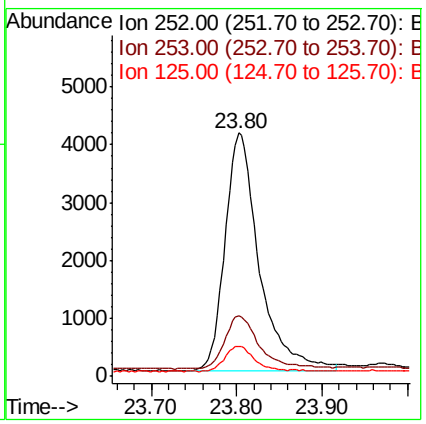


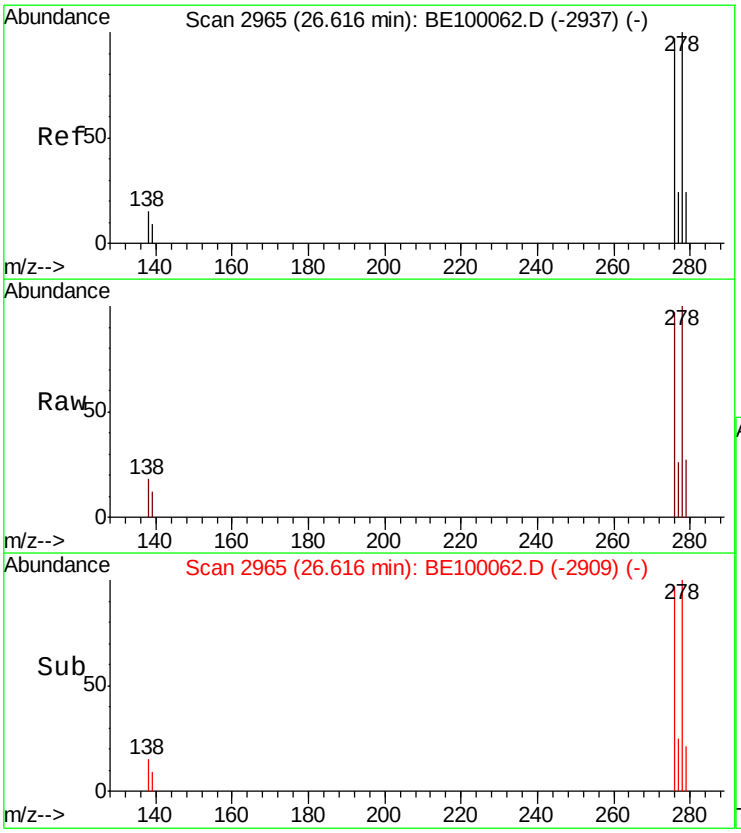
#37
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.80 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 11429

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.0	30.0
125	12.0	9.6	14.4

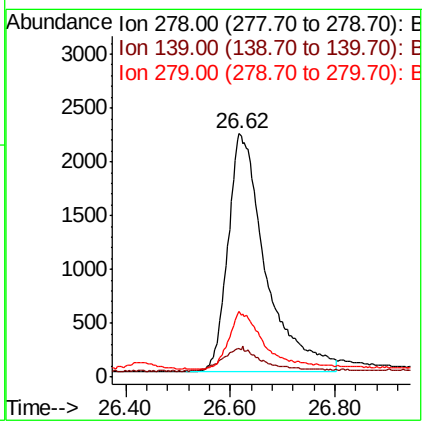


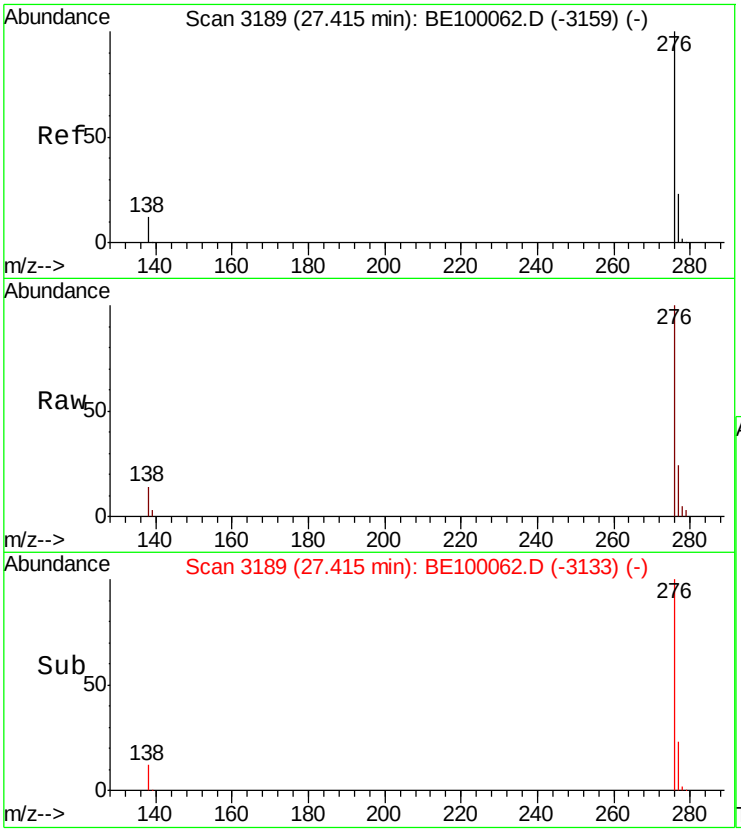


#38
Dibenzo(a,h)anthracene
Concen: 0.404 ng
RT: 26.62 min Scan# 2965
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Tgt Ion:278 Resp: 11129

Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.2	13.8
279	26.7	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.419 ng
RT: 27.42 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BE100062.D
Acq: 17 Jun 2019 12:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 11927

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	13.8	11.0	16.6