Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100068.D
Acq On : 17 Jun 2019 16:34
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 17 17:11:09 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 16:08:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	631	0.40	ng		0.02
7) Naphthalene-d8	10.61	136	2264	0.40	ng		0.03
13) Acenaphthene-d10	14.47	164	1706	0.40	ng		0.01
19) Phenanthrene-d10	17.21	188	5389	0.40	ng		0.01
27) Chrysene-d12	21.40	240	8426	0.40	ng		0.01
34) Perylene-d12	23.93	264	8755	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	329	0.19	ng		0.01
5) Phenol-d6	7.00	99	362	0.18	ng		0.03
8) Nitrobenzene-d5	8.99	82	395	0.18	ng		0.03
11) 2-Methylnaphthalene-d10	12.22	152	832	0.20	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	188	0.18	ng		0.01
15) 2-Fluorobiphenyl	13.12	172	1337	0.20	ng		0.03
25) Fluoranthene-d10	19.25	212	14542	0.19	ng		0.01
29) Terphenyl-d14	19.86	244	2789	0.20	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	265	0.241	ng		94
3) n-Nitrosodimethylamine	3.63	42	111	0.244	ng	#	100
6) bis(2-Chloroethyl)ether	7.25	93	361	0.187	ng	#	92
9) Naphthalene	10.67	128	4742	0.189	ng	#	95
10) Hexachlorobutadiene	10.93	225	424	0.197	ng		95
12) 2-Methylnaphthalene	12.30	142	730	0.186	ng		96
16) Acenaphthylene	14.20	152	1660	0.194	ng		98
17) Acenaphthene	14.53	154	891	0.193	ng		99
18) Fluorene	15.51	166	1332	0.193	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	641	0.198	ng		91
21) Hexachlorobenzene	16.52	284	662	0.199	ng		98
22) Pentachlorophenol	16.92	266	145	0.139	ng		93
23) Phenanthrene	17.25	178	2459	0.187	ng		98
24) Anthracene	17.36	178	1967	0.170	ng		97
26) Fluoranthene	19.28	202	4082	0.189	ng		100
28) Pyrene	19.64	202	4162	0.199	ng		99
30) Benzo(a)anthracene	21.39	228	4293	0.177	ng		100
31) Chrysene	21.44	228	5270	0.193	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	5470	0.162	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	5511	0.170	ng	#	94
35) Benzo(b)fluoranthene	23.21	252	5168	0.205	ng		97
36) Benzo(k)fluoranthene	23.21	252	5394	0.197	ng	#	95
37) Benzo(a)pyrene	23.82	252	4867	0.194	ng	#	88
38) Dibenzo(a,h)anthracene	26.66	278	4264	0.175	ng	#	91
39) Benzo(g,h,i)perylene	27.45	276	4811	0.186	ng	#	94

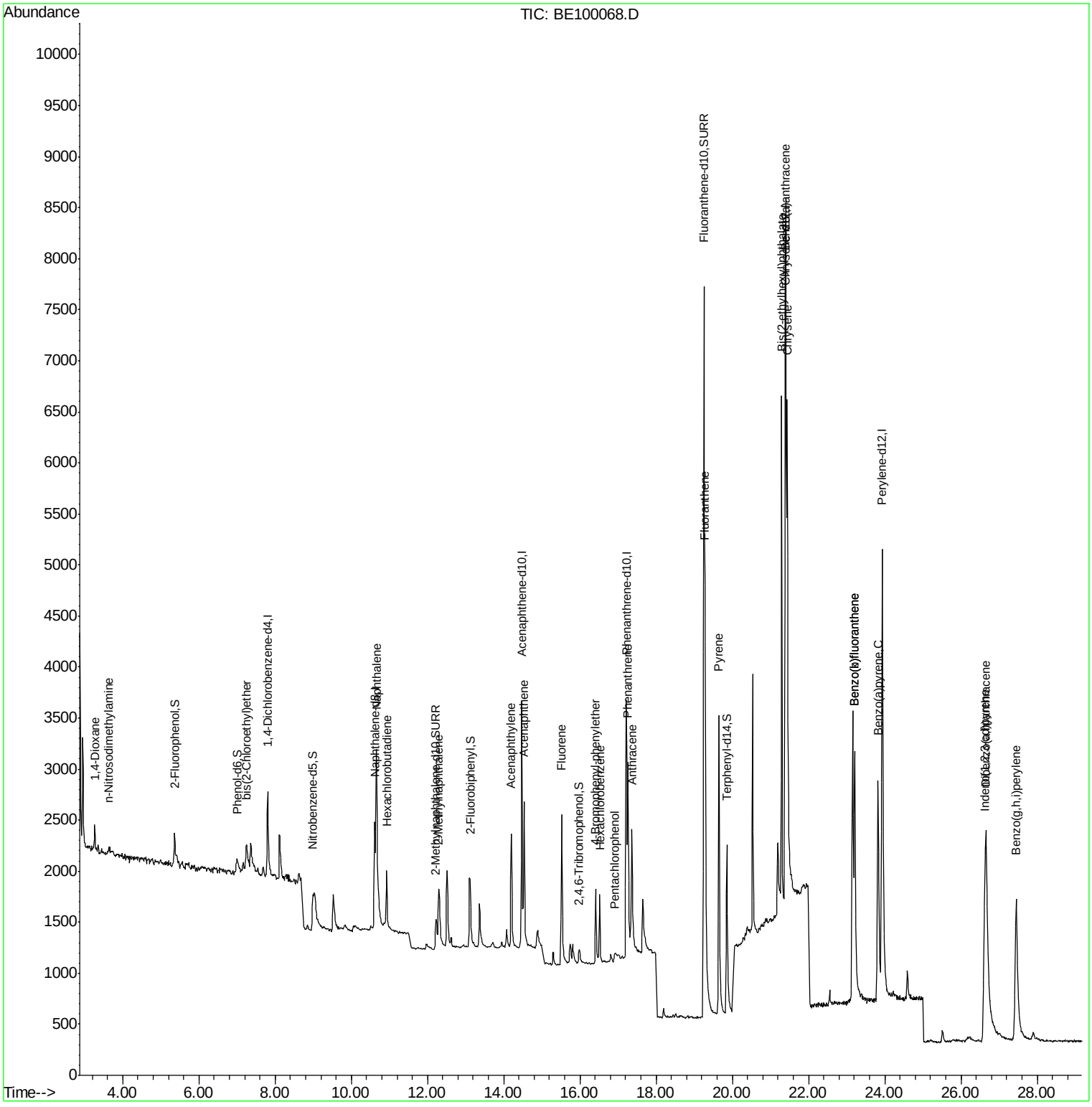
(#) = qualifier out of range (m) = manual integration (+) = signals summed

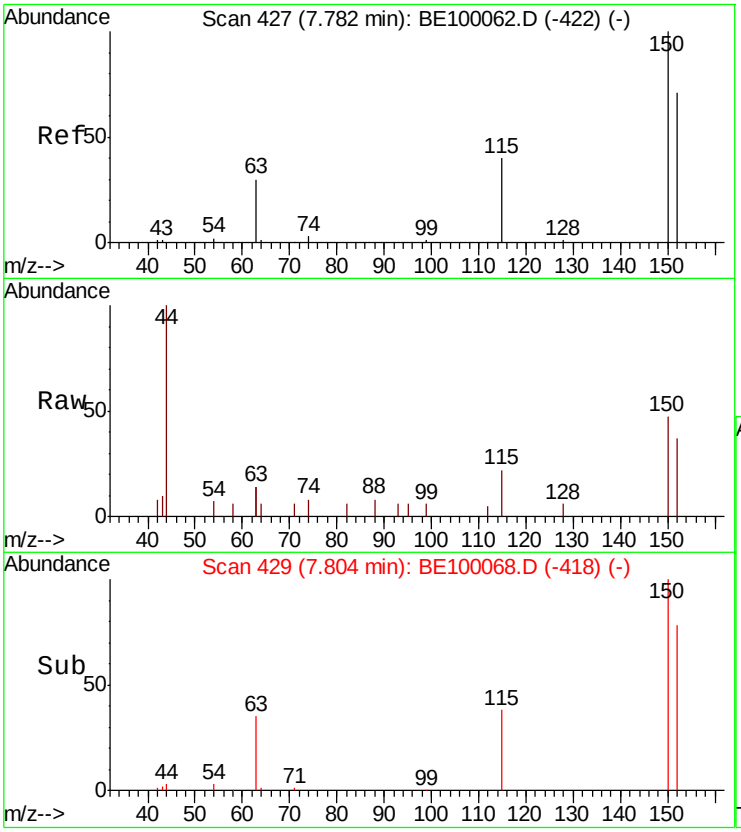
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100068.D
Acq On : 17 Jun 2019 16:34
Operator : JU/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 17 17:11:09 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 16:08:00 2019
Response via : Initial Calibration



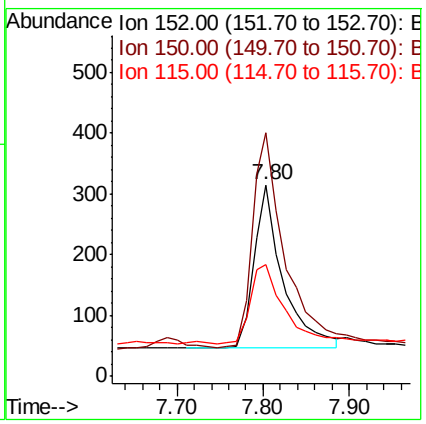


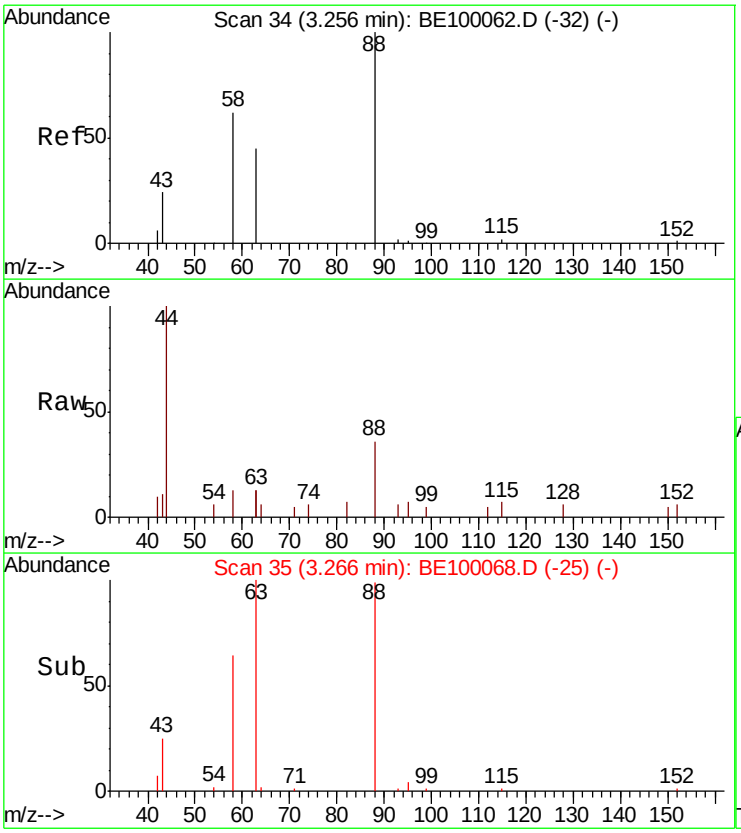
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 631

Ion	Ratio	Lower	Upper
152	100		
150	127.3	109.5	164.3
115	58.7	52.6	78.8

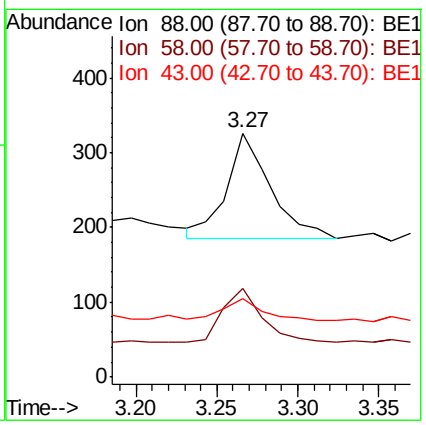


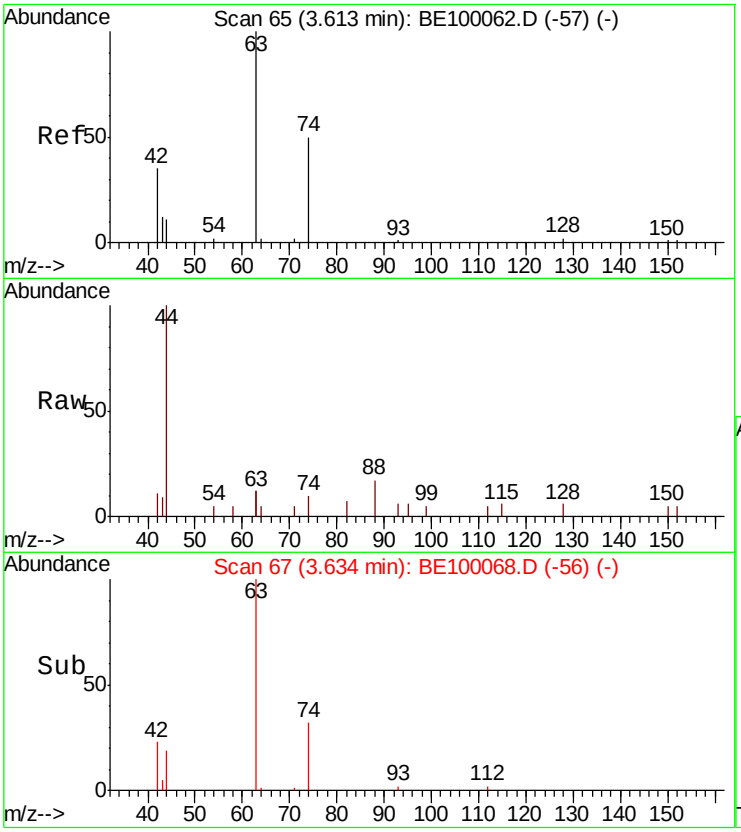


#2
1,4-Dioxane
Concen: 0.241 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion: 88 Resp: 265

Ion	Ratio	Lower	Upper
88	100		
58	47.2	41.9	62.9
43	18.9	15.8	23.8



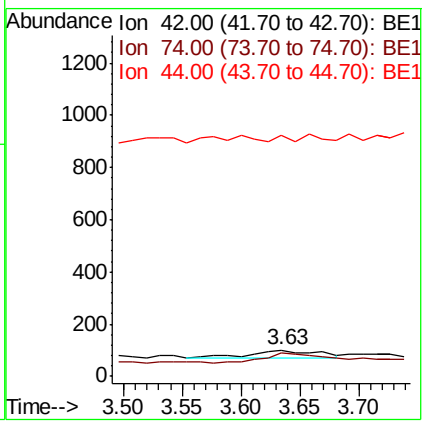


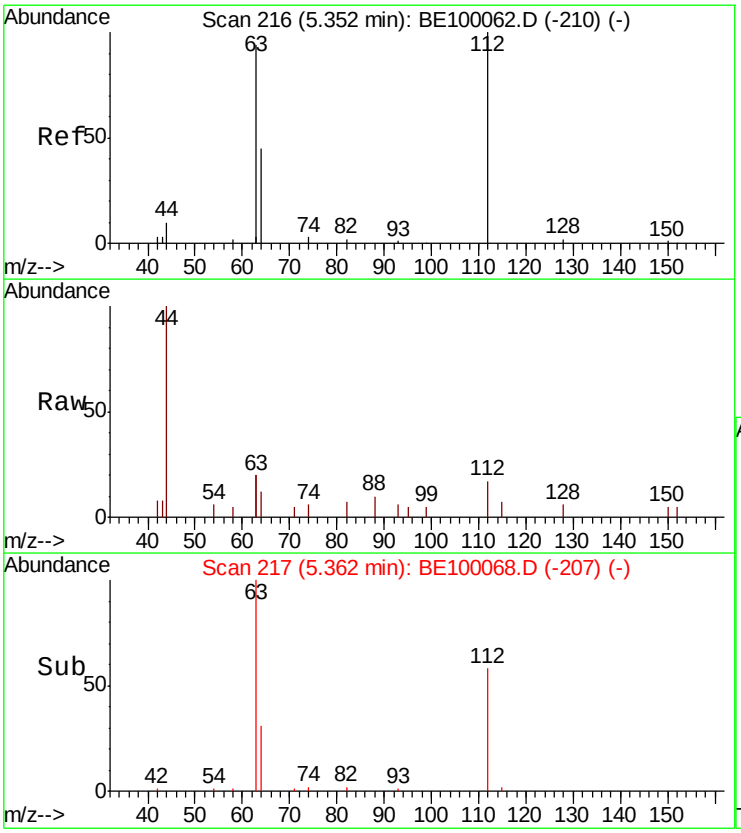
#3
n-Nitrosodimethylamine
Concen: 0.244 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.02 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 111

Ion	Ratio	Lower	Upper
42	100		
74	103.6	0.0	0.0#
44	18.0	0.0	0.0#

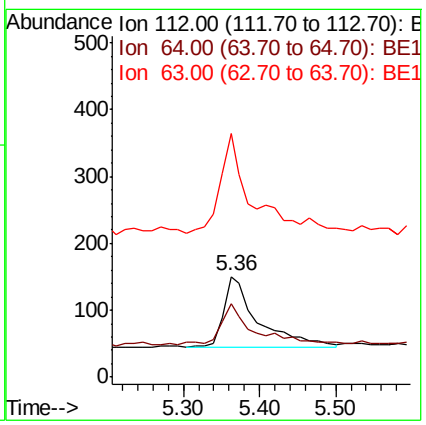


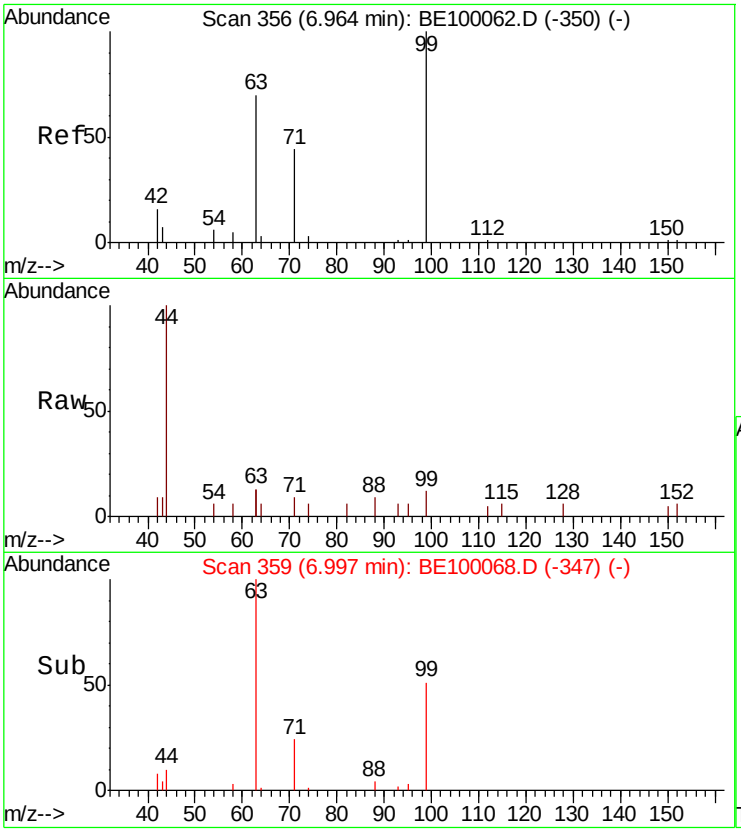


#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:112 Resp: 329

Ion	Ratio	Lower	Upper
112	100		
64	58.1	39.6	59.4
63	133.7	113.0	169.4



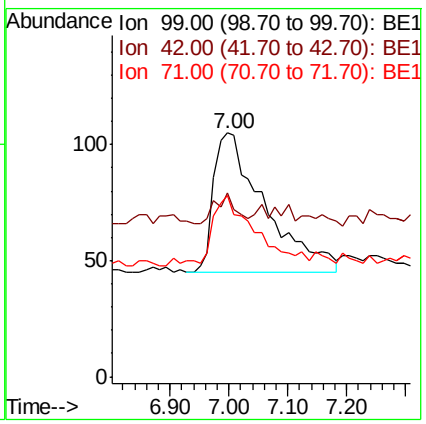


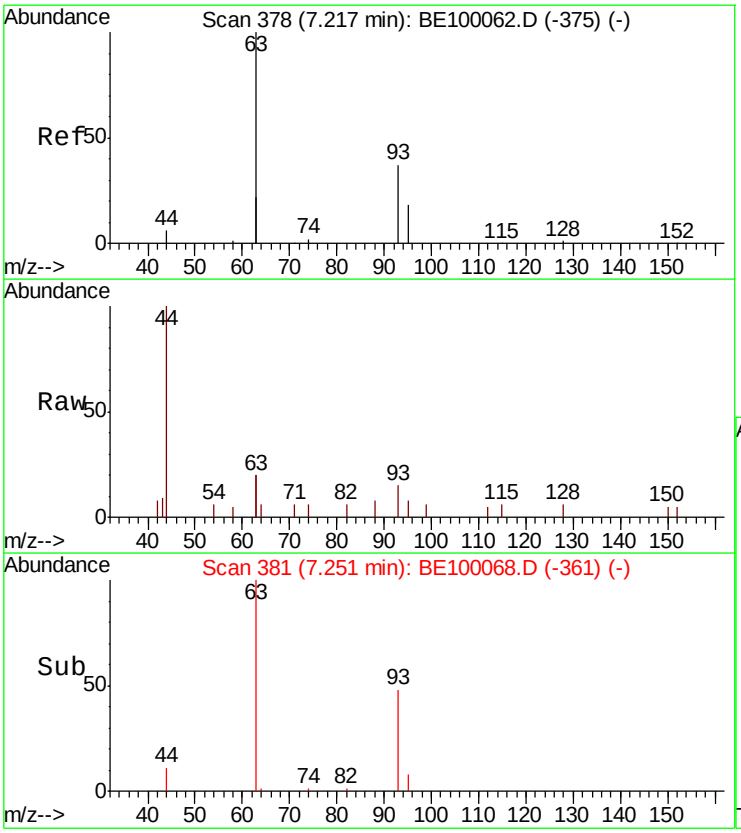
#5
Phenol-d6
Concen: 0.176 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 362

Ion	Ratio	Lower	Upper
99	100		
42	8.3	11.4	17.2#
71	33.4	32.8	49.2

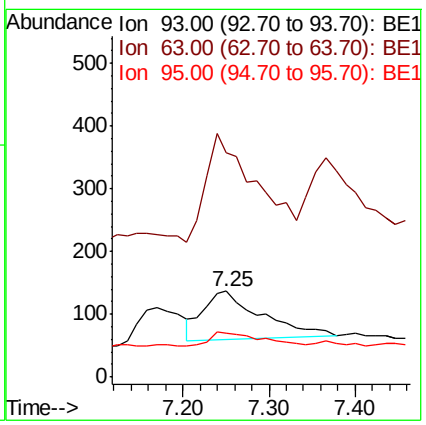


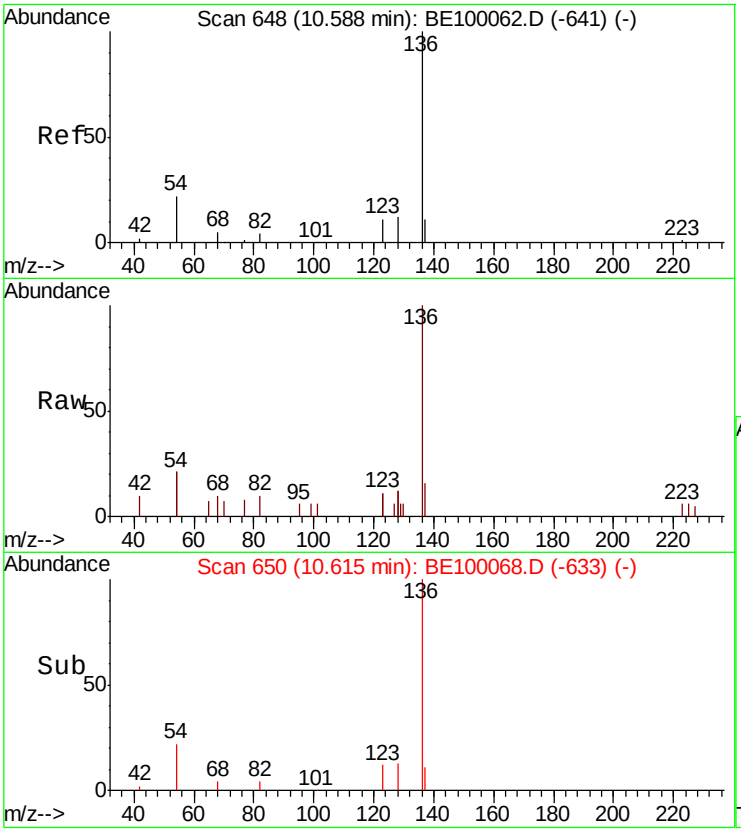


#6
bis(2-Chloroethyl)ether
Concen: 0.187 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion: 93 Resp: 361

Ion	Ratio	Lower	Upper
93	100		
63	197.5	165.0	247.6
95	23.0	27.0	40.6#



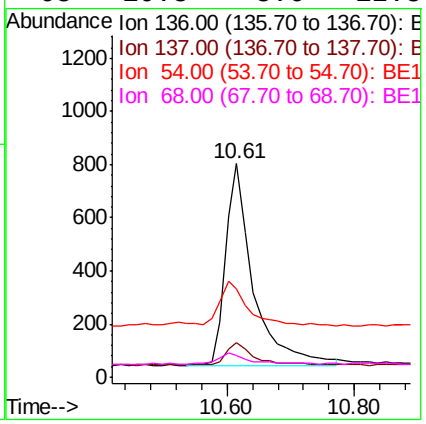


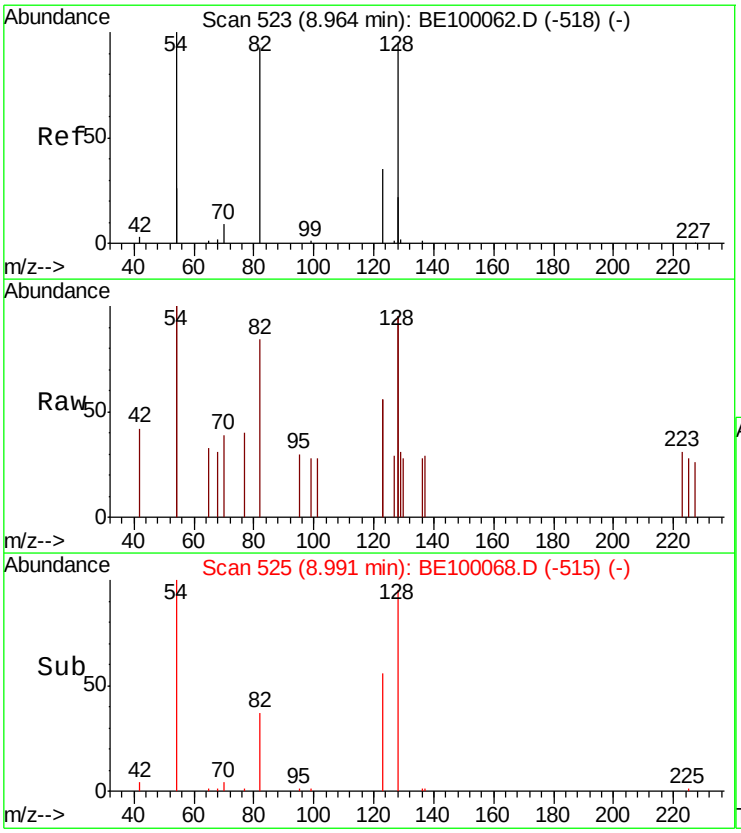
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 2264

Ion	Ratio	Lower	Upper
136	100		
137	15.9	12.6	19.0
54	41.3	33.0	49.6
68	10.3	8.6	12.8

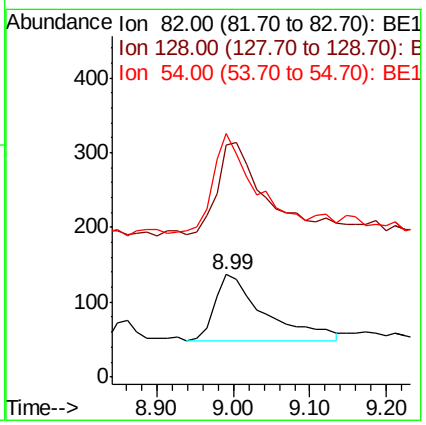


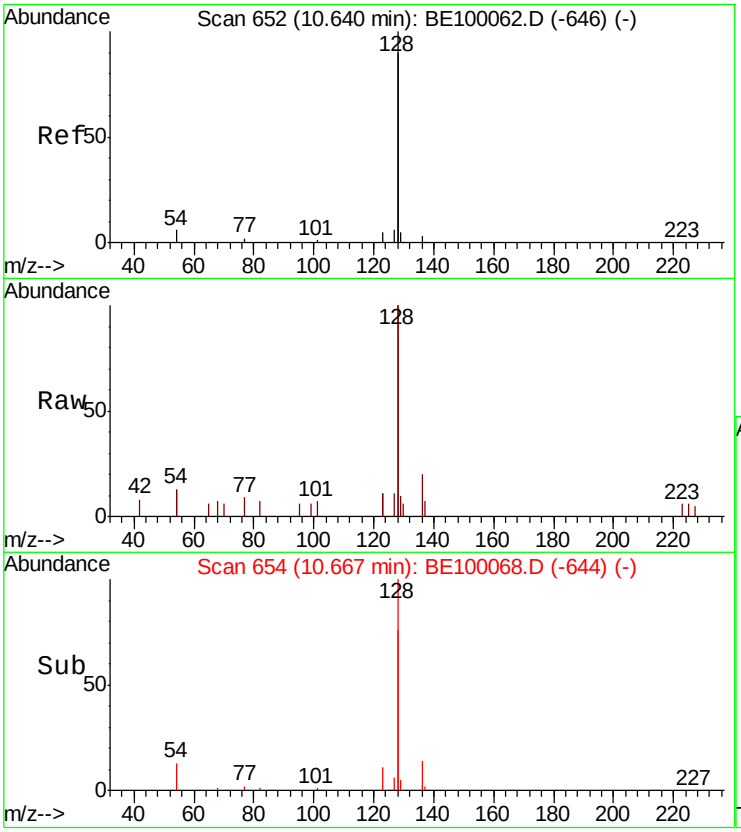


#8
Nitrobenzene-d5
Concen: 0.176 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion: 82 Resp: 395

Ion	Ratio	Lower	Upper
82	100		
128	226.3	134.6	201.8#
54	238.0	141.6	212.4#



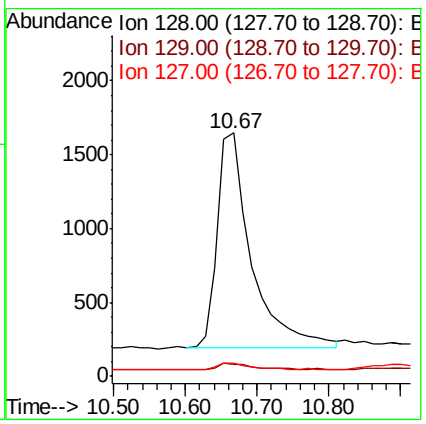


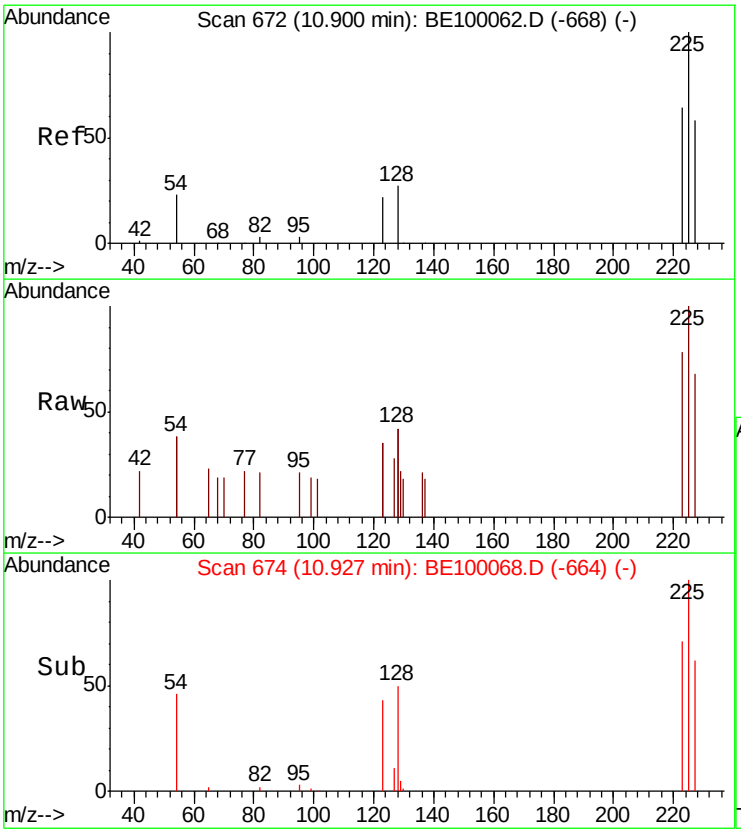
#9
Naphthalene
Concen: 0.189 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 4742

Ion	Ratio	Lower	Upper
128	100		
129	5.2	3.0	4.4#
127	5.7	3.4	5.0#

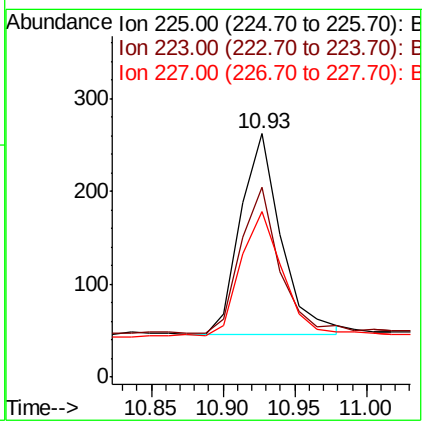


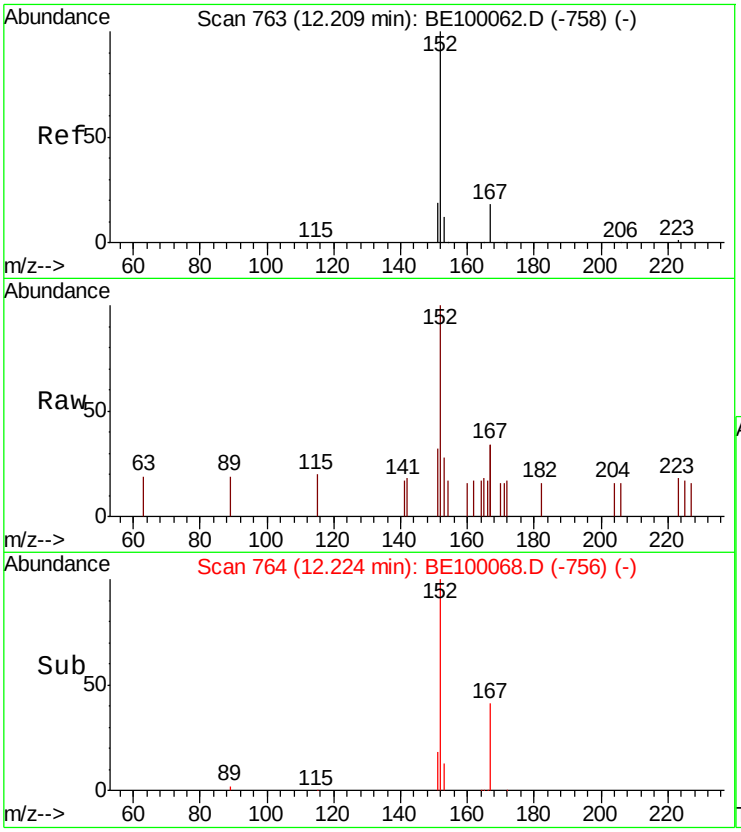


#10
Hexachlorobutadiene
Concen: 0.197 ng
RT: 10.93 min Scan# 674
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:225 Resp: 424

Ion	Ratio	Lower	Upper
225	100		
223	68.4	50.3	75.5
227	62.7	51.4	77.2



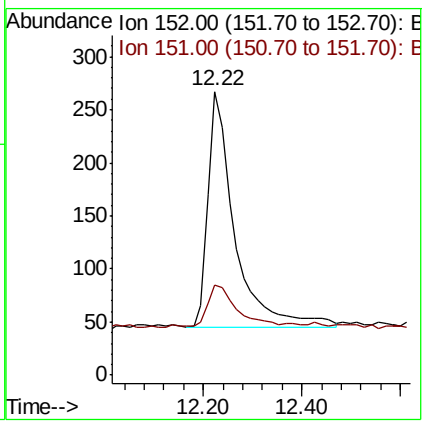


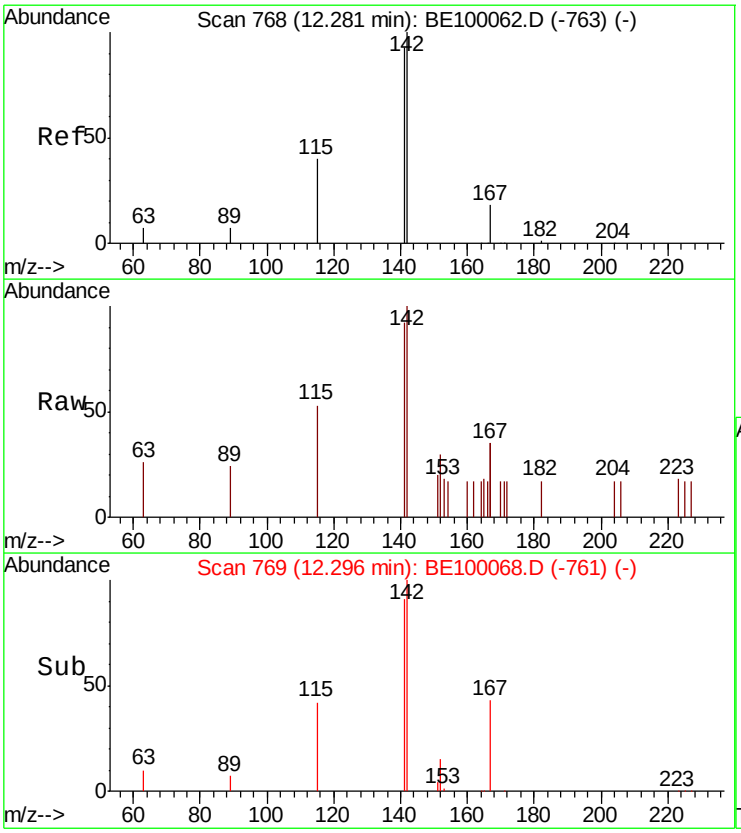
#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 832

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.4	23.2

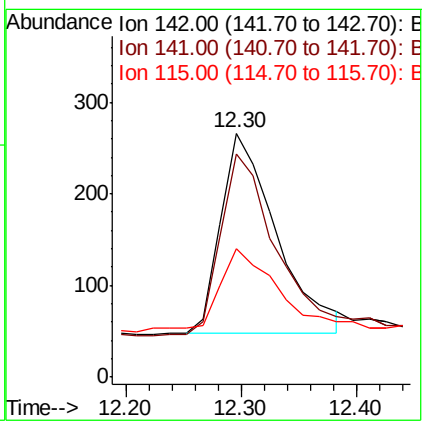


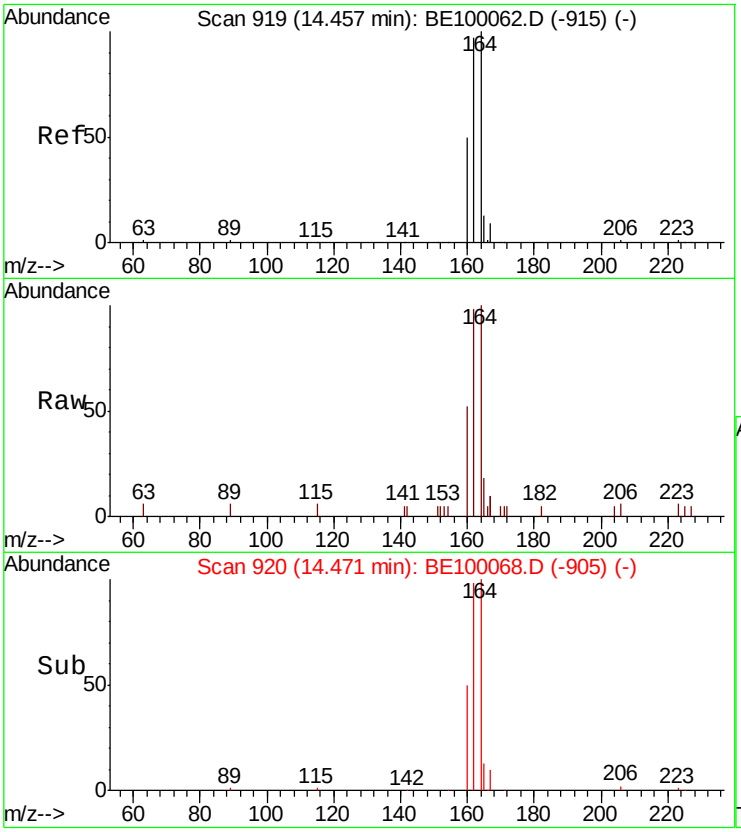


#12
2-Methylnaphthalene
Concen: 0.186 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:142 Resp: 730

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
115	52.6	36.5	54.7



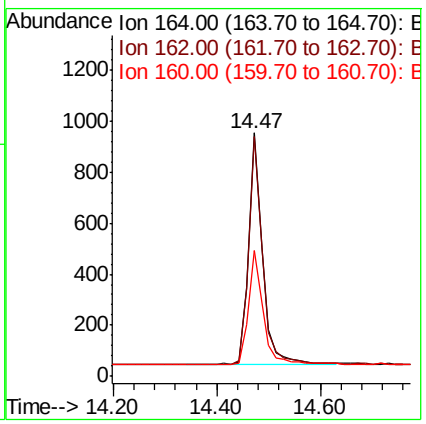


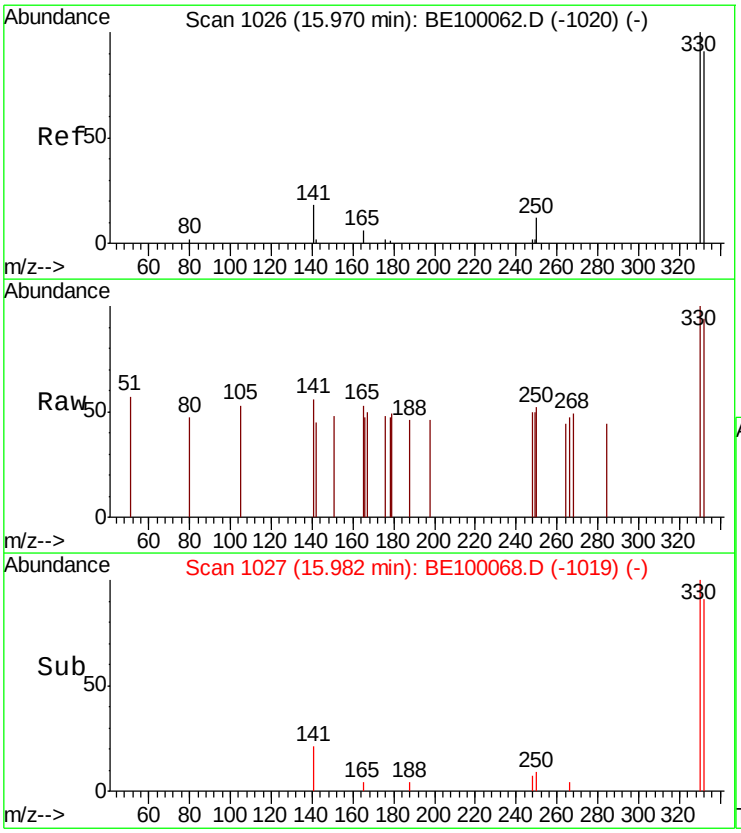
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 1706

Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.6	116.4
160	51.8	41.7	62.5

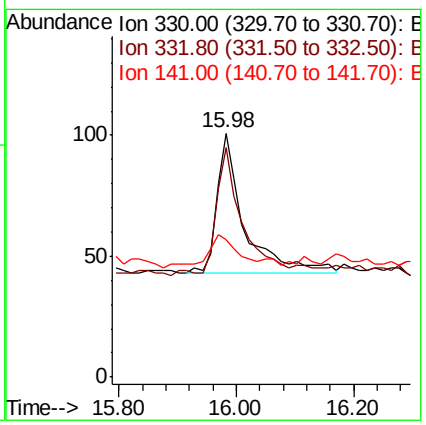


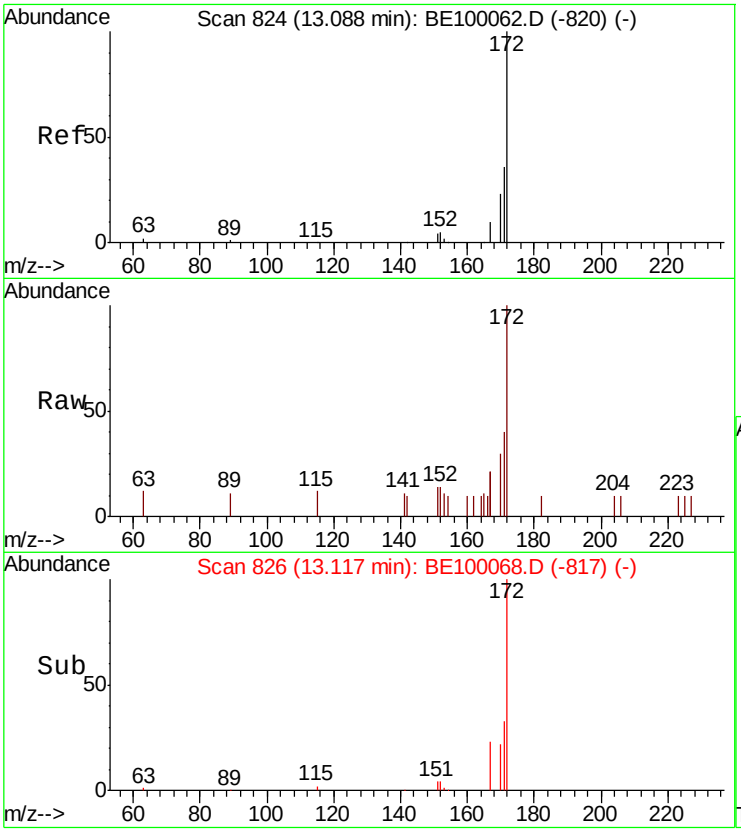


#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:330 Resp: 188

Ion	Ratio	Lower	Upper
330	100		
332	86.2	74.7	112.1
141	23.4	20.3	30.5



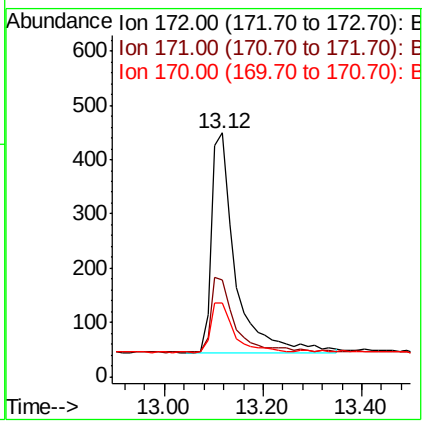


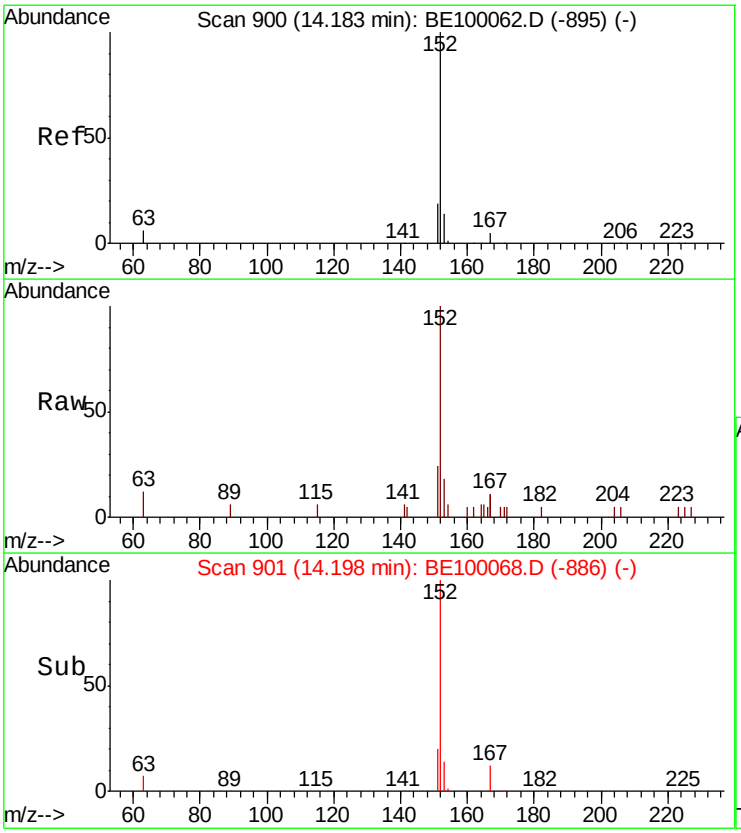
#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1337

Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.0	46.6
170	30.1	21.3	31.9

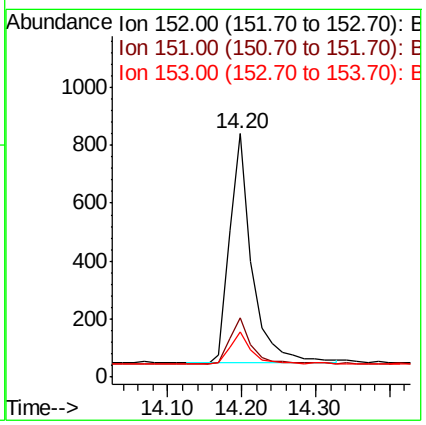


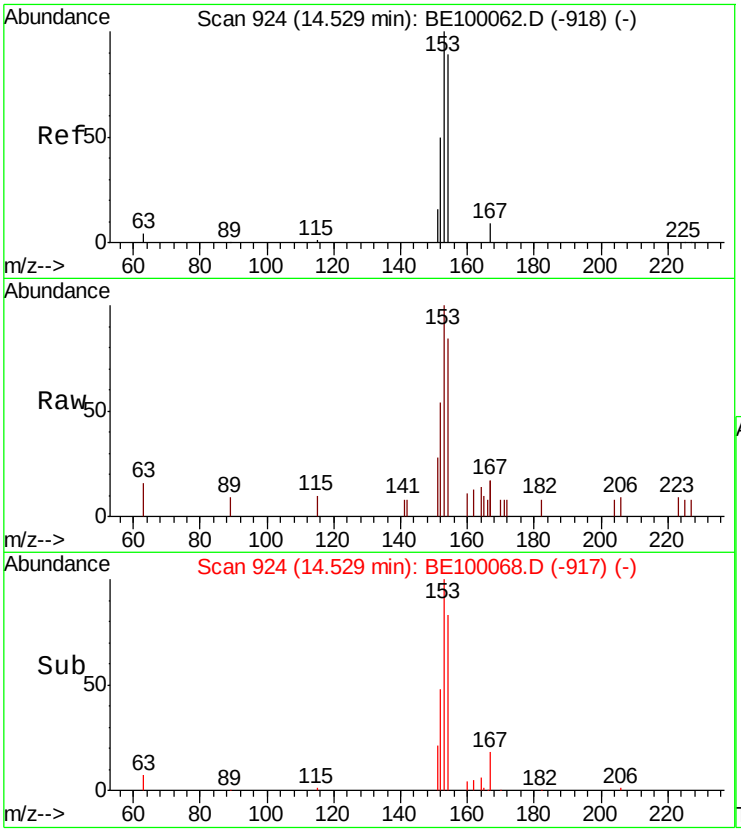


#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:152 Resp: 1660

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.3	11.1	16.7



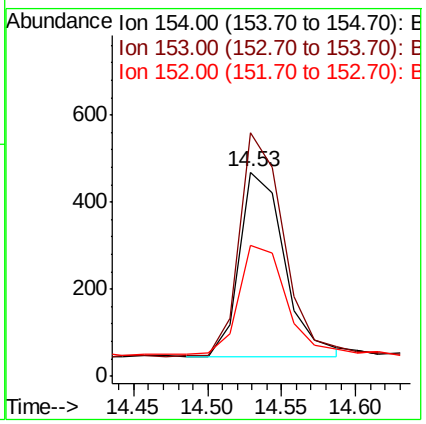


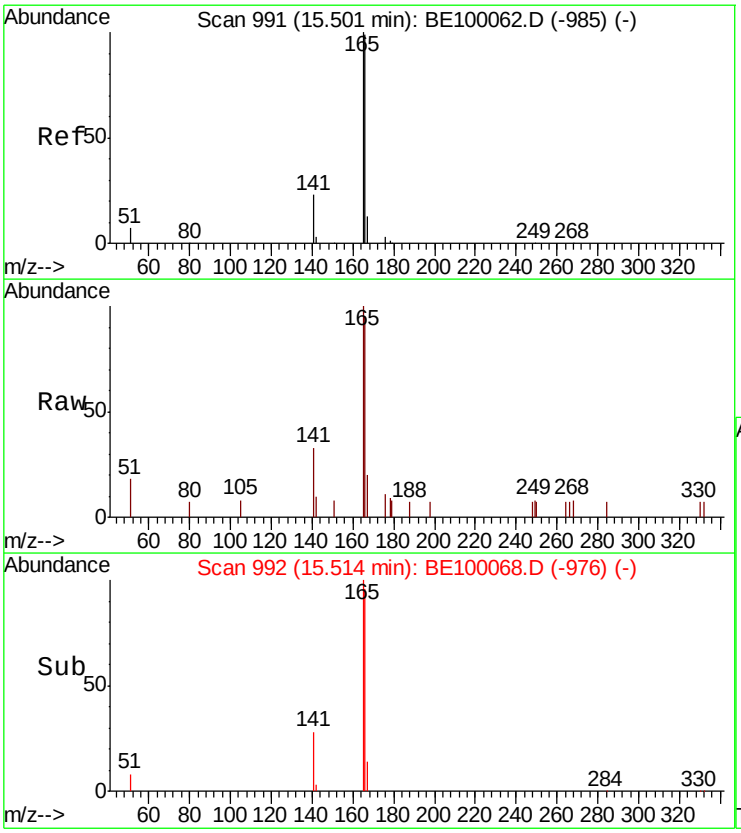
#17
Acenaphthene
Concen: 0.193 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 891

Ion	Ratio	Lower	Upper
154	100		
153	119.8	94.3	141.5
152	61.8	49.0	73.6

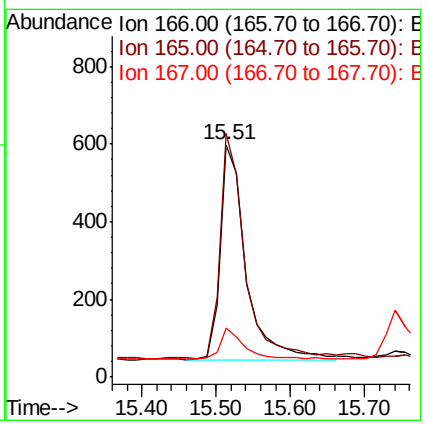


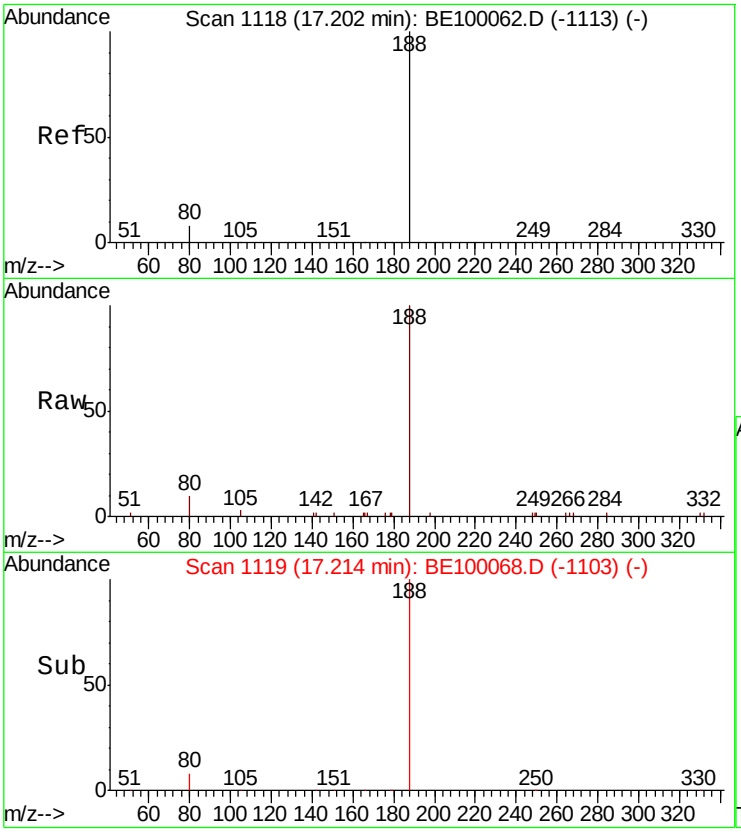


#18
Fluorene
Concen: 0.193 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:166 Resp: 1332

Ion	Ratio	Lower	Upper
166	100		
165	100.8	82.3	123.5
167	13.6	11.0	16.4



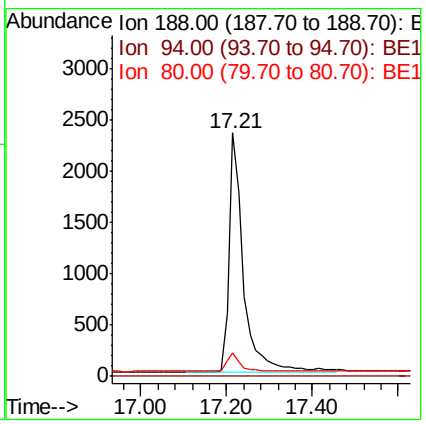


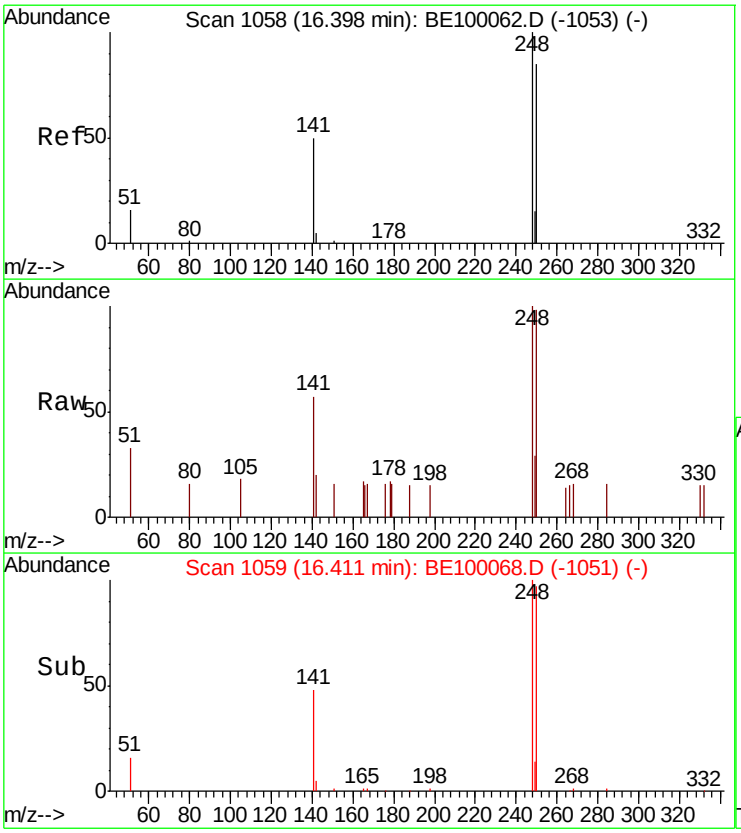
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 5389

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	8.2	12.4

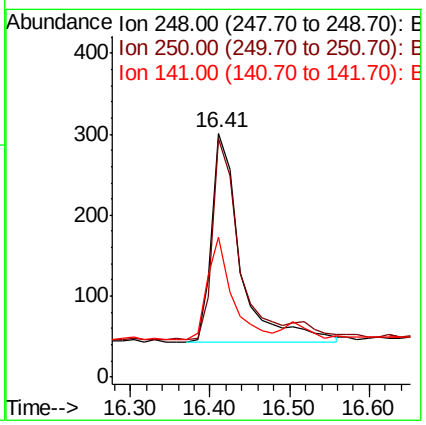


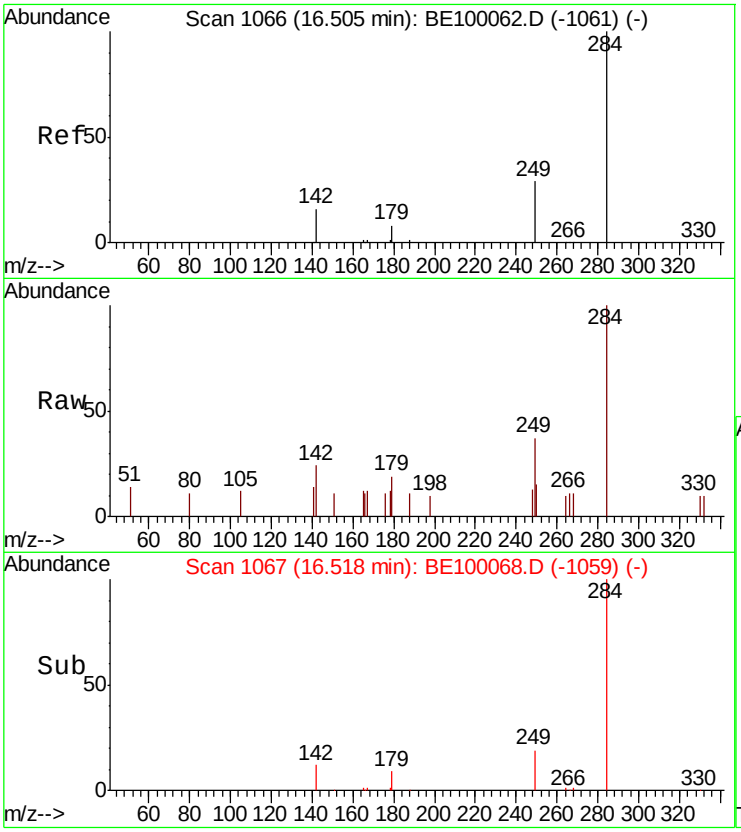


#20
4-Bromophenyl-phenylether
Concen: 0.198 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:248 Resp: 641

Ion	Ratio	Lower	Upper
248	100		
250	98.0	69.8	104.8
141	57.5	43.0	64.6



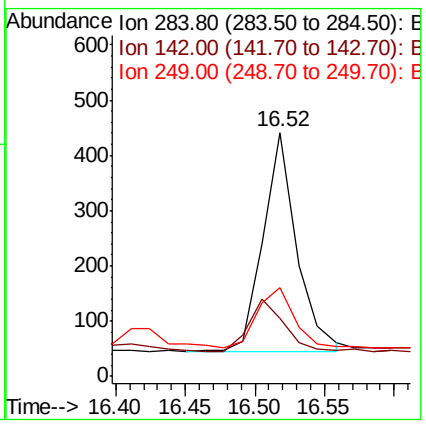


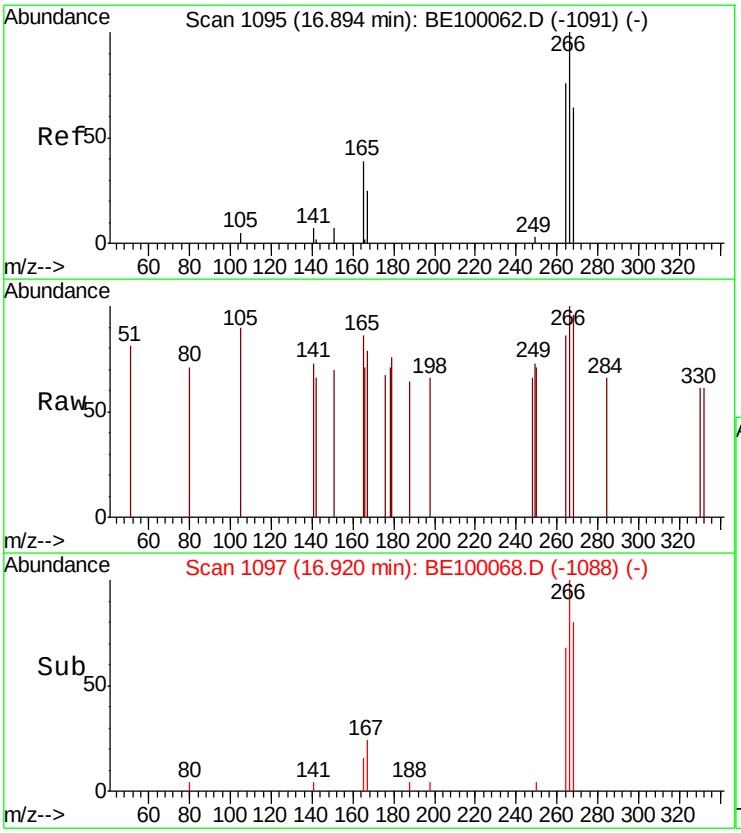
#21
Hexachlorobenzene
Concen: 0.199 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 662

Ion	Ratio	Lower	Upper
284	100		
142	25.1	20.4	30.6
249	29.9	25.3	37.9

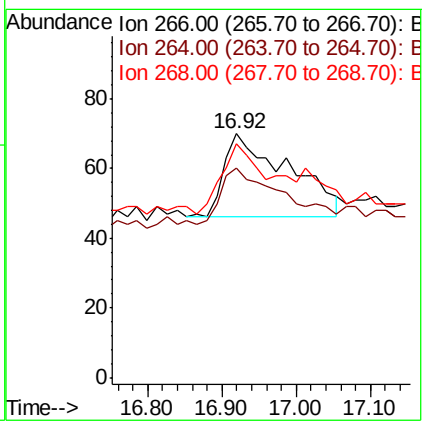


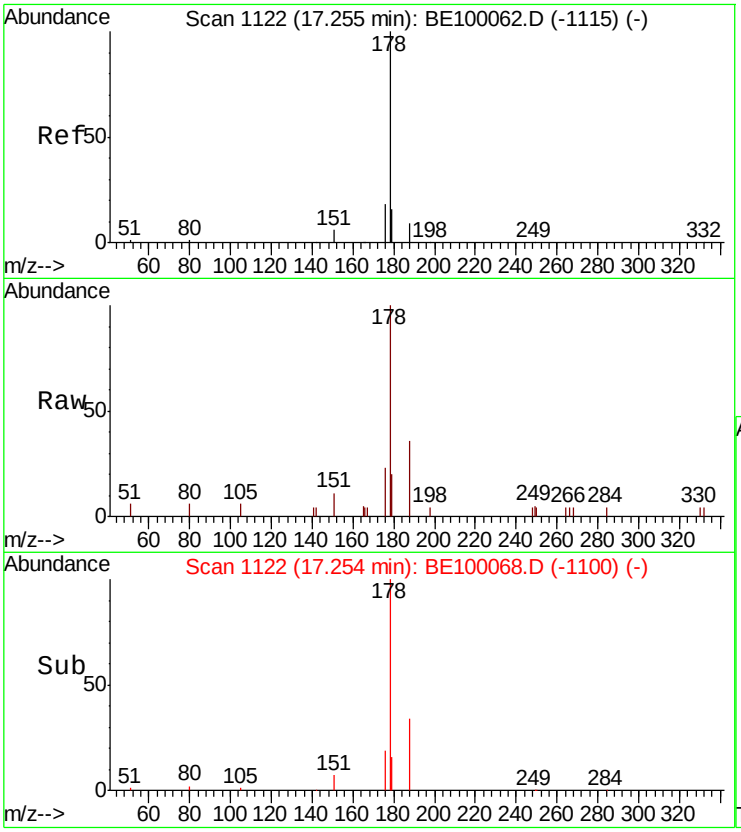


#22
Pentachlorophenol
Concen: 0.139 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:266 Resp: 145

Ion	Ratio	Lower	Upper
266	100		
264	85.7	68.6	102.8
268	95.7	67.0	100.6



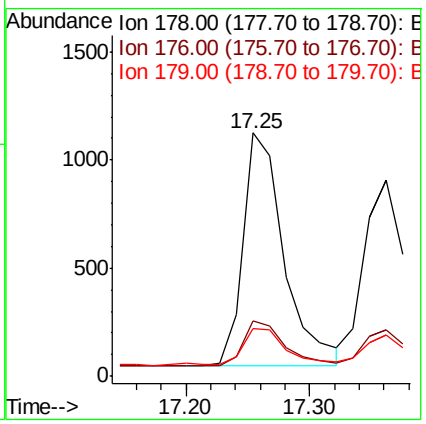


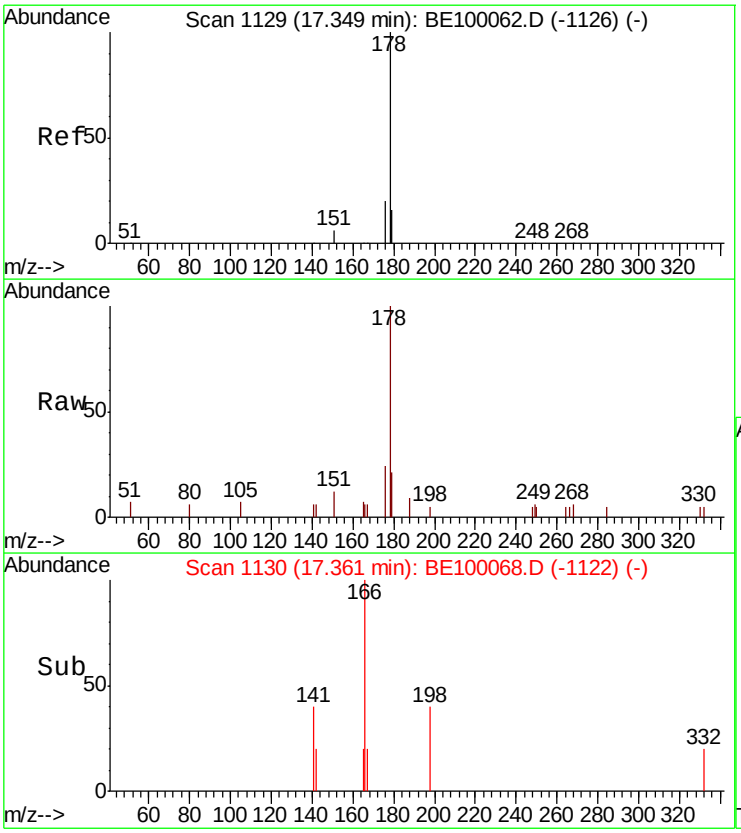
#23
Phenanthrene
Concen: 0.187 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 2459

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	17.0	12.4	18.6

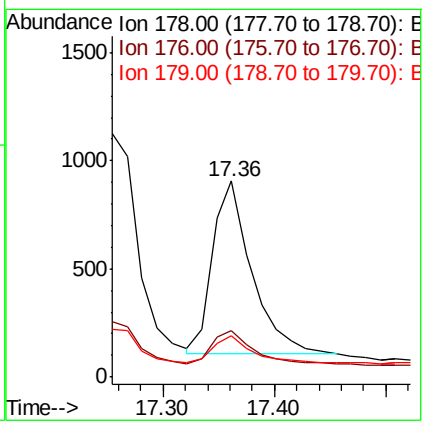


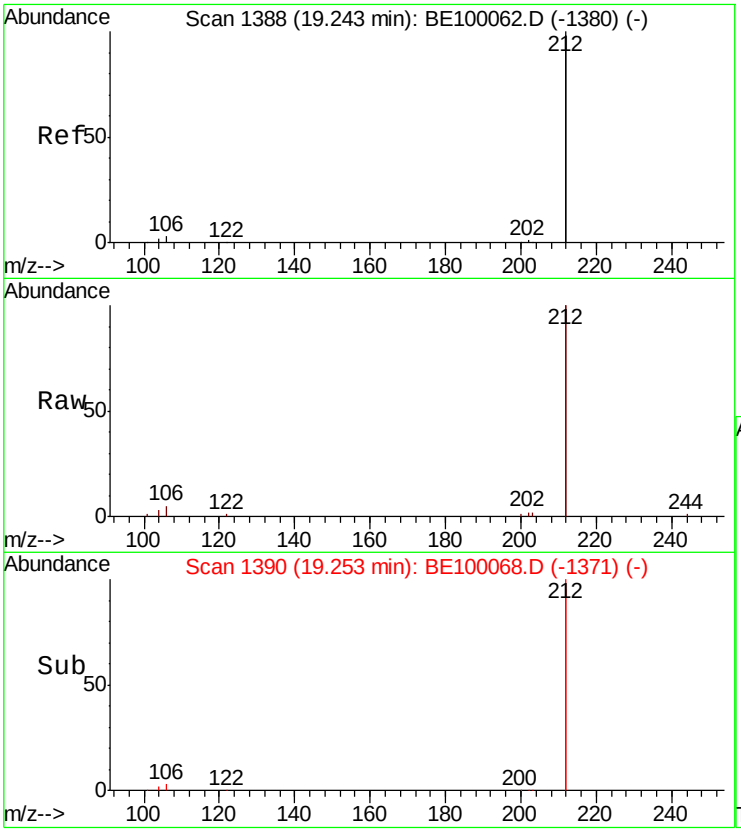


#24
Anthracene
Concen: 0.170 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:178 Resp: 1967

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.7	22.1
179	14.8	12.6	18.8



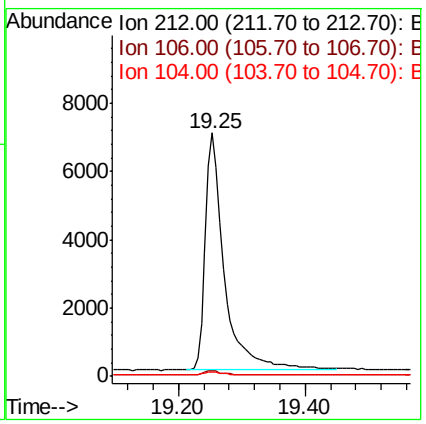


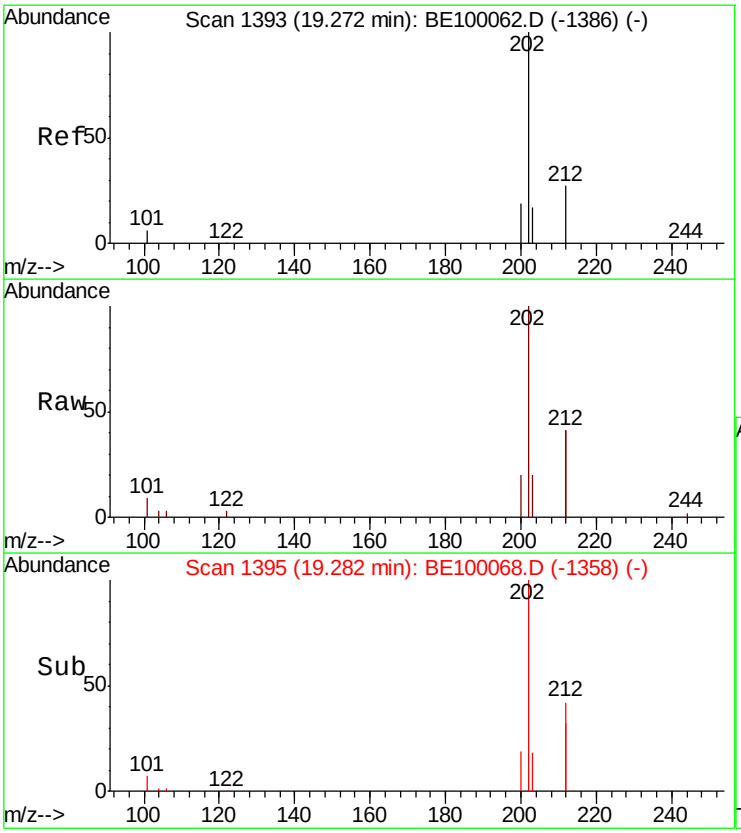
#25
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:212 Resp: 14542

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3

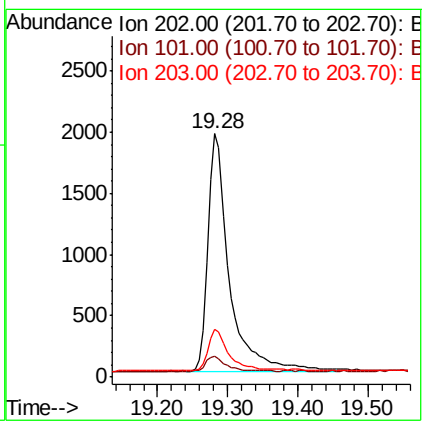


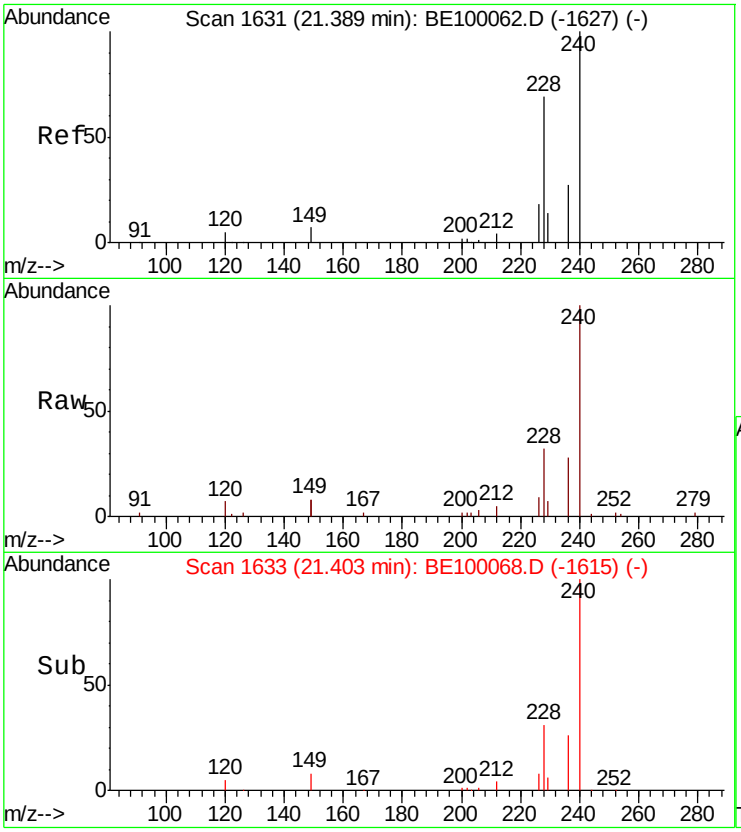


#26
Fluoranthene
Concen: 0.189 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:202 Resp: 4082

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.3	7.9
203	16.7	13.3	19.9



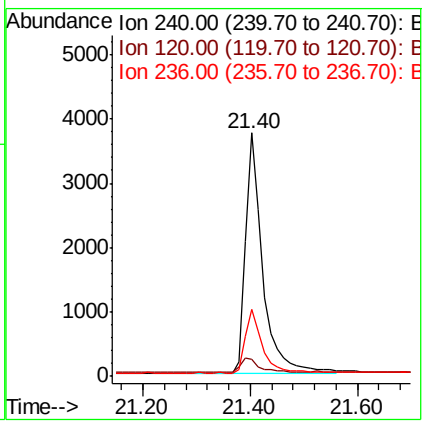


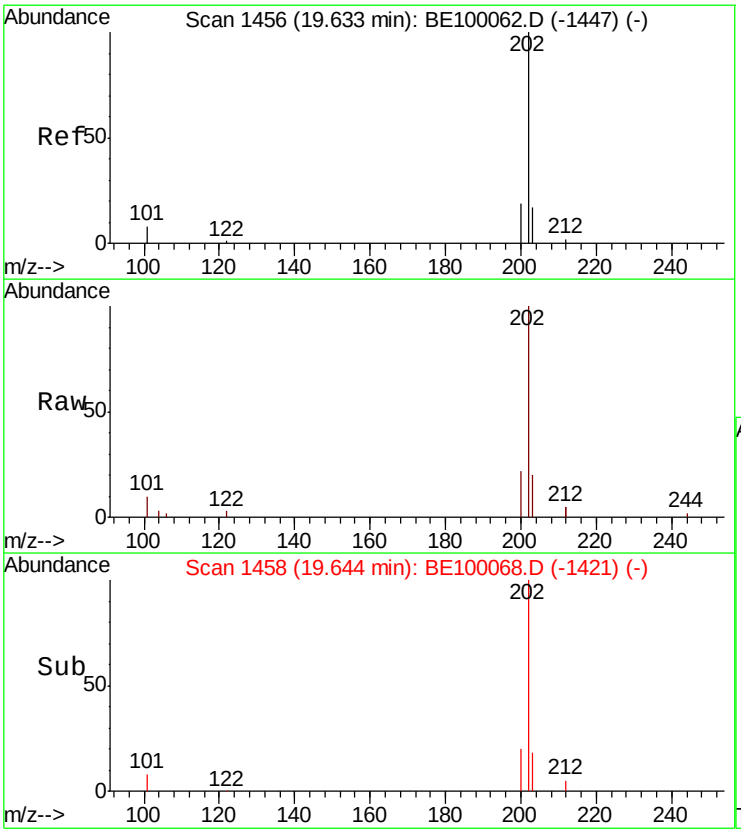
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 8426

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.4	8.0
236	27.6	22.6	33.8

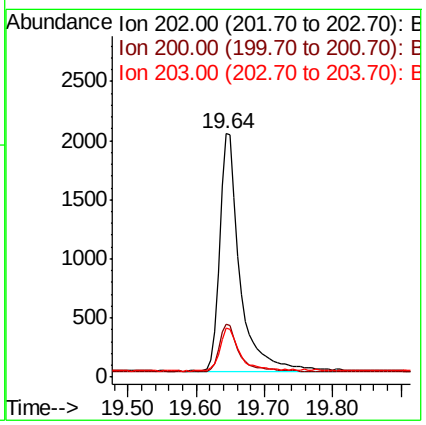


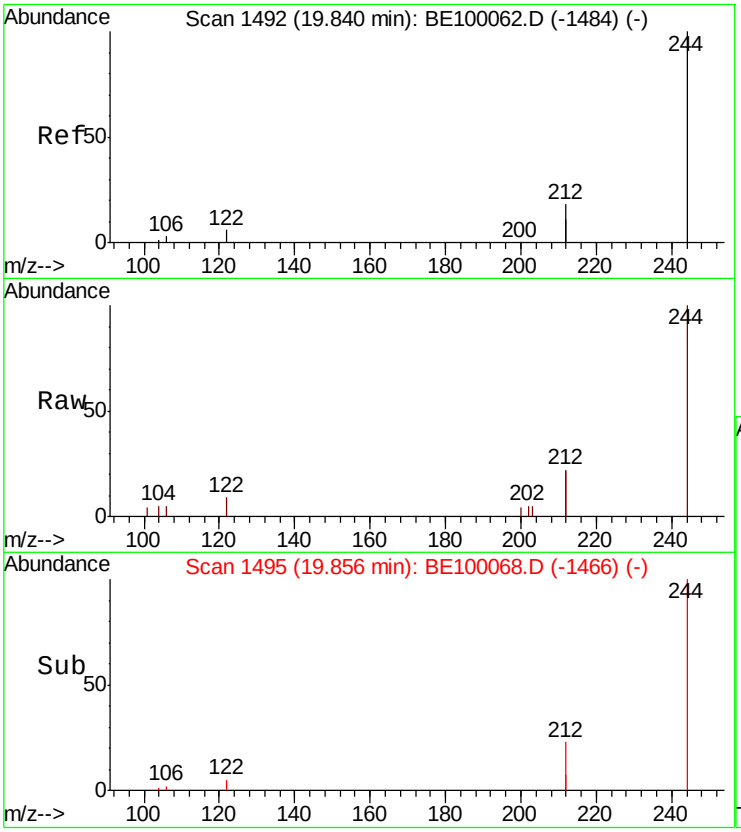


#28
Pyrene
Concen: 0.199 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:202 Resp: 4162

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	17.5	14.0	21.0



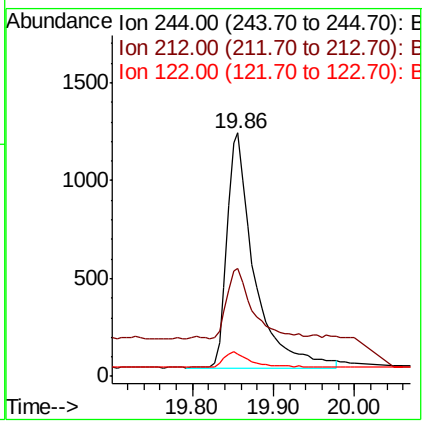


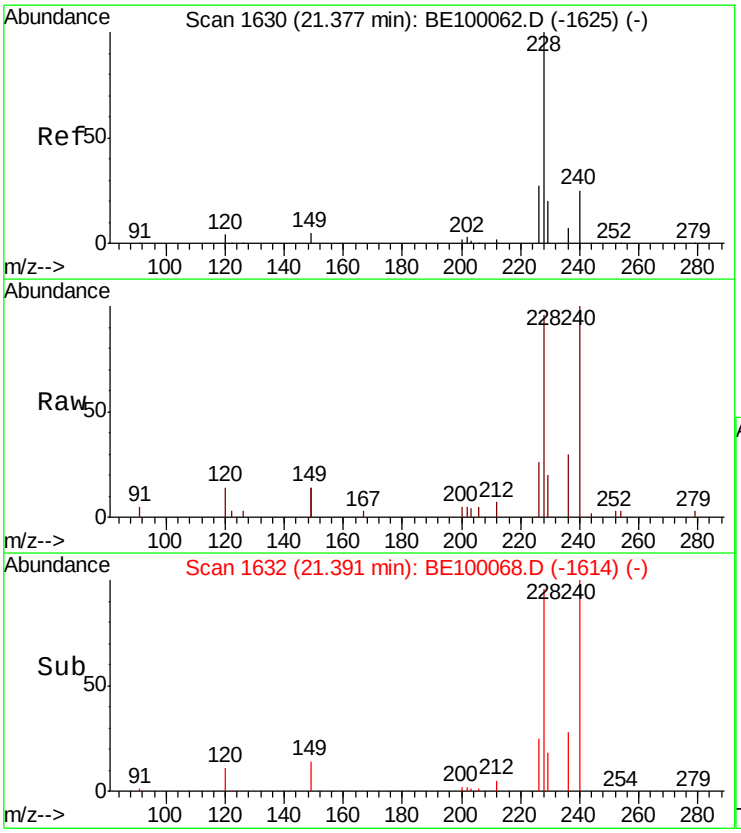
#29
Terphenyl-d14
Concen: 0.196 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.02 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2789

Ion	Ratio	Lower	Upper
244	100		
212	44.4	27.9	41.9#
122	9.0	5.8	8.6#

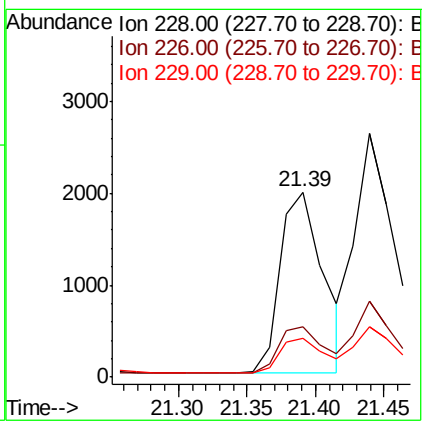


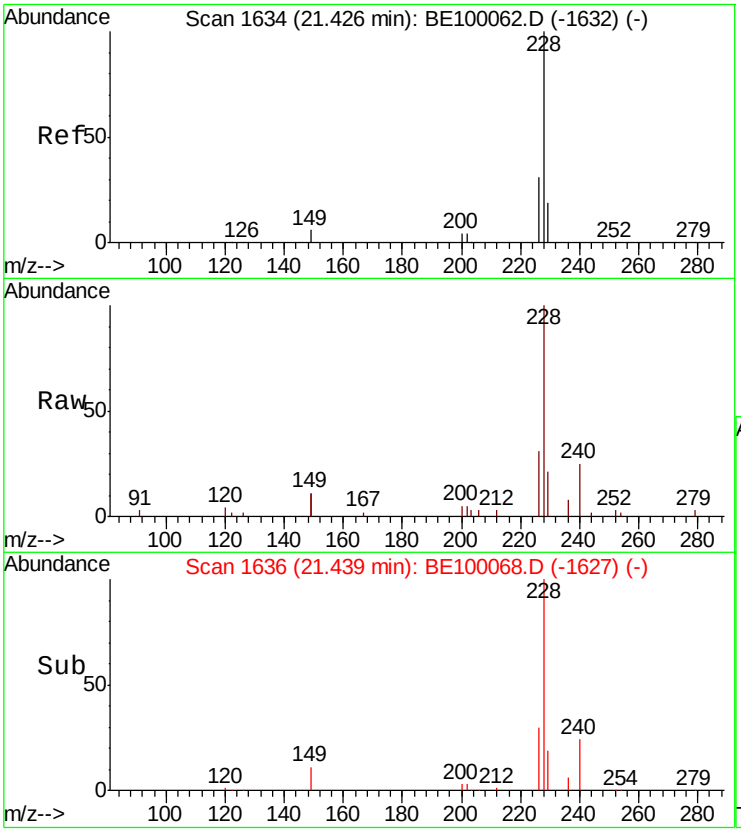


#30
Benzo(a)anthracene
Concen: 0.177 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:228 Resp: 4293

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	21.2	16.9	25.3



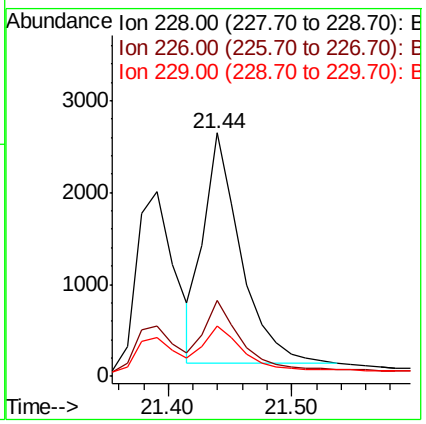


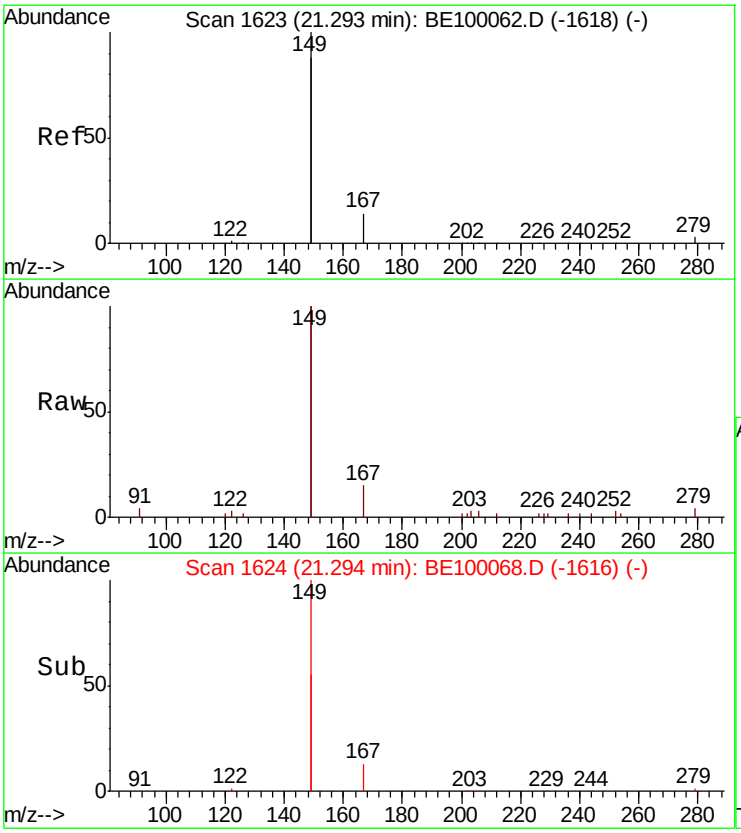
#31
Chrysene
Concen: 0.193 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 5270

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	20.9	15.8	23.8

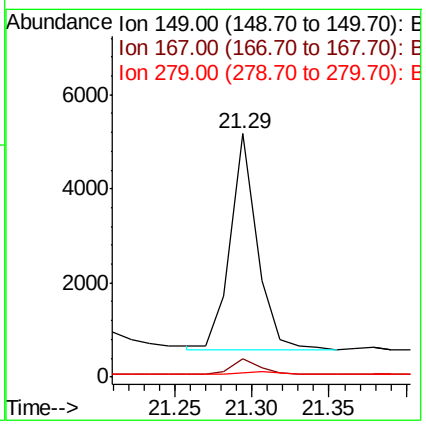


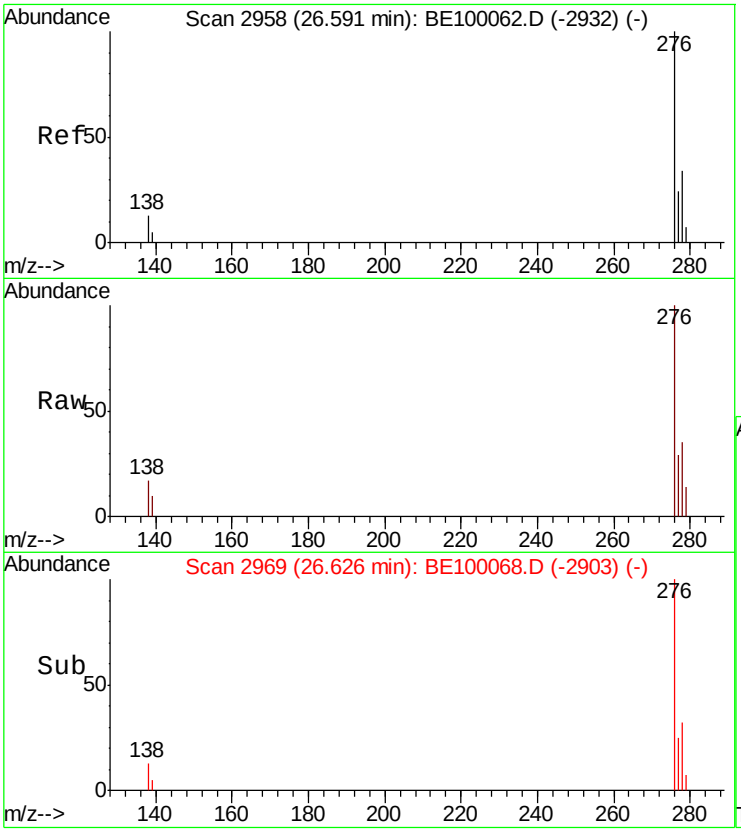


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:149 Resp: 5470

Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.9	8.9
279	1.9	1.0	1.6#



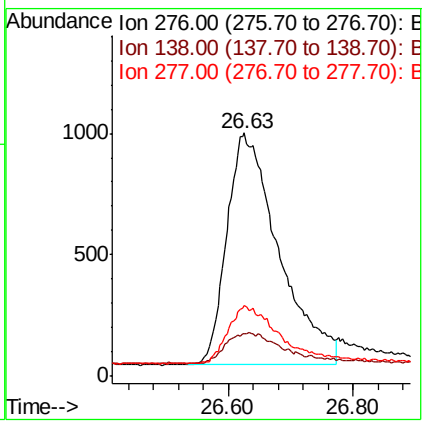


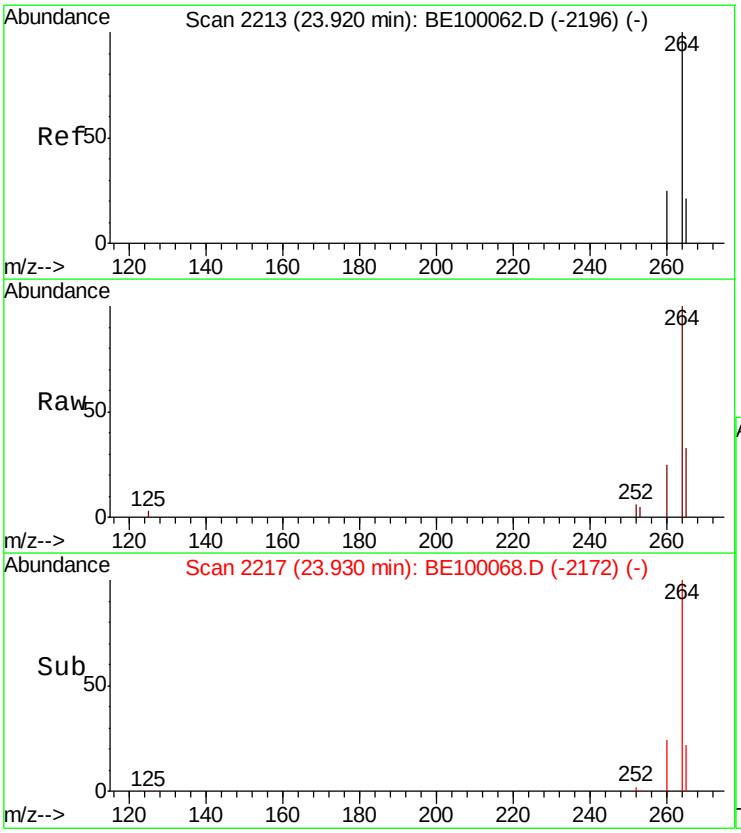
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng
RT: 26.63 min Scan# 2969
Delta R.T. 0.04 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 5511

Ion	Ratio	Lower	Upper
276	100		
138	7.7	10.7	16.1#
277	24.3	19.1	28.7

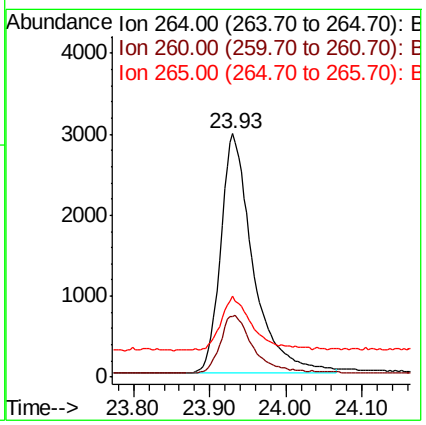


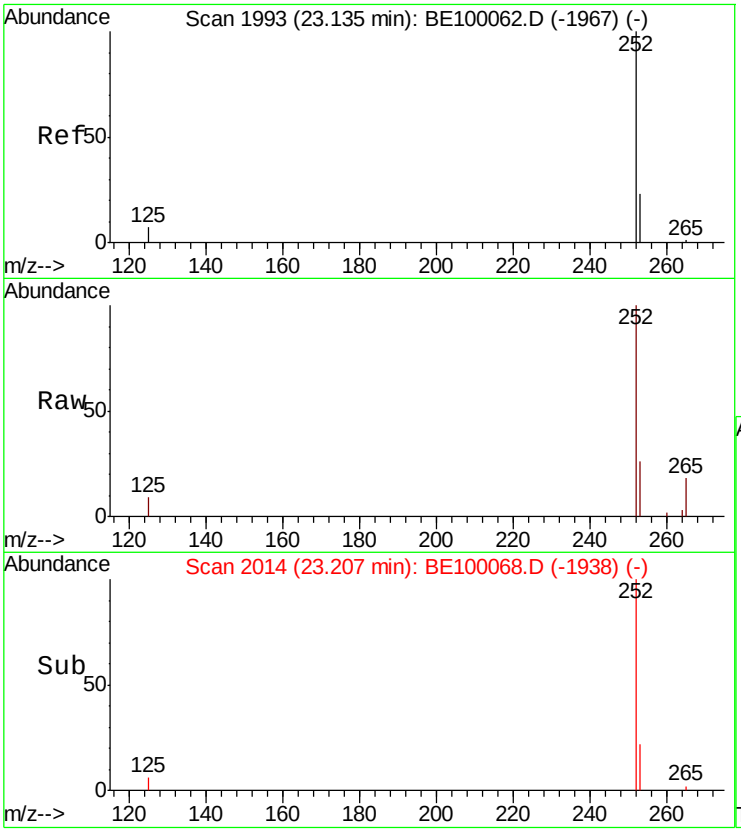


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:264 Resp: 8755

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	31.0
265	33.0	23.6	35.4



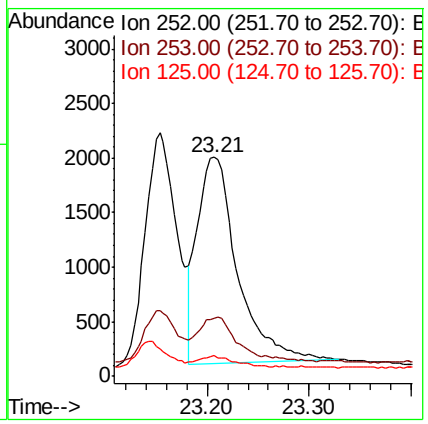


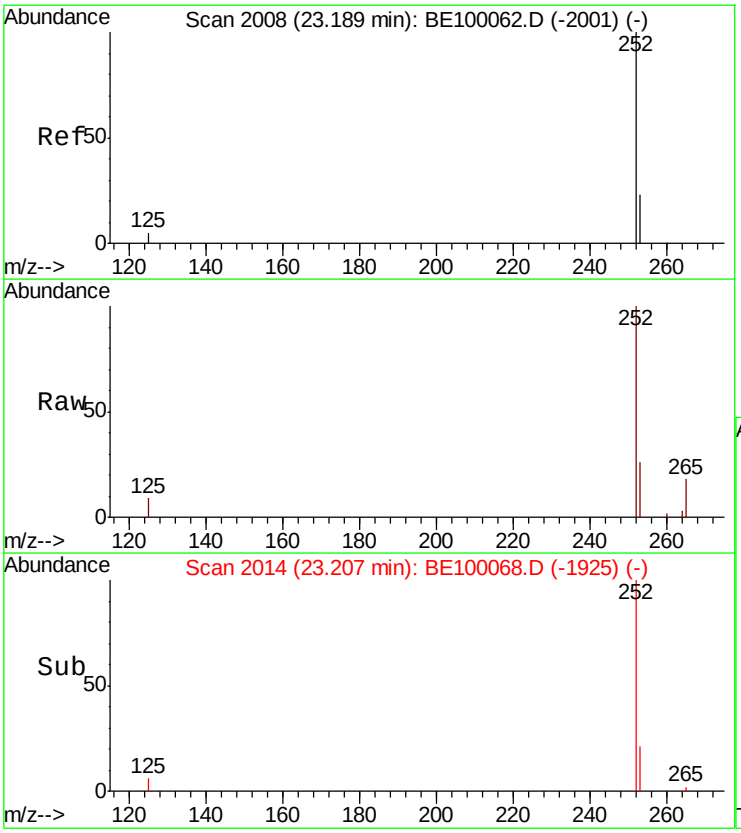
#35
Benzo(b)fluoranthene
Concen: 0.205 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.07 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 5168

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.6	29.4
125	9.3	7.2	10.8

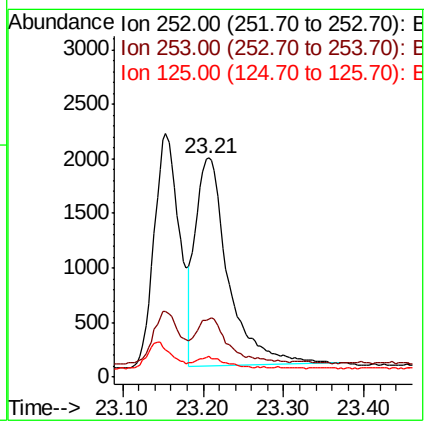


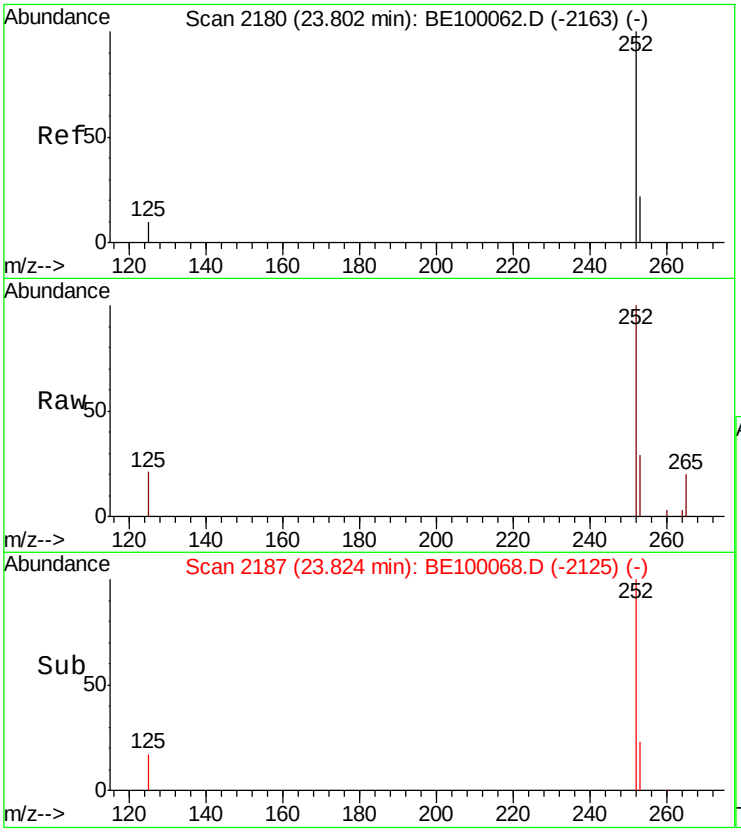


#36
Benzo(k)fluoranthene
Concen: 0.197 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:252 Resp: 5394

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.3	28.9
125	9.3	5.6	8.4#



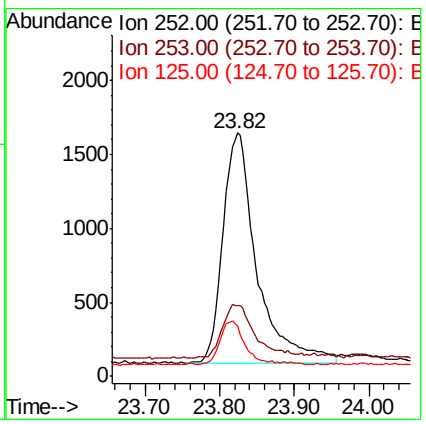


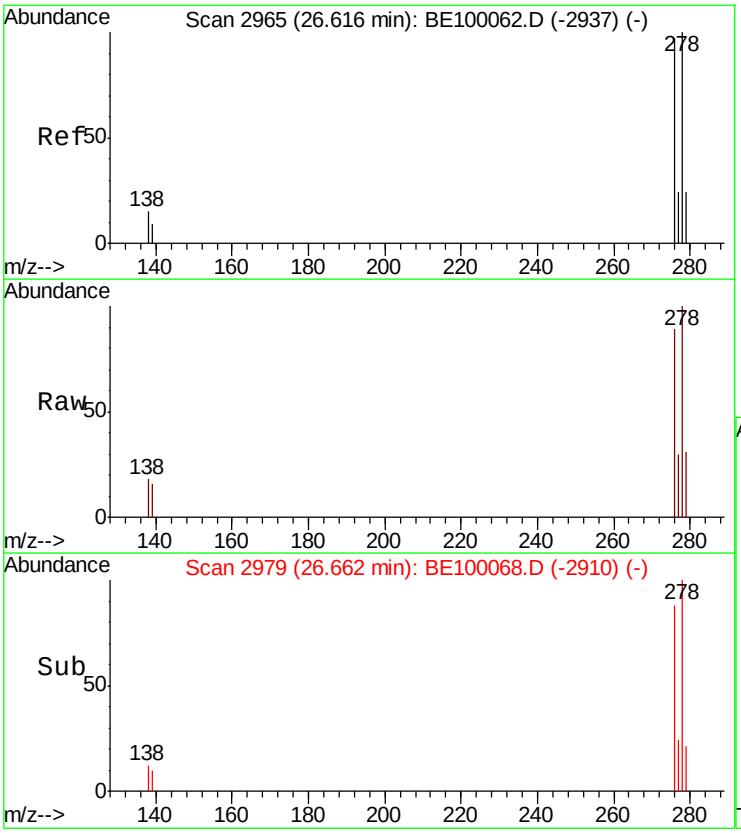
#37
Benzo(a)pyrene
Concen: 0.194 ng
RT: 23.82 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 4867

Ion	Ratio	Lower	Upper
252	100		
253	29.0	20.0	30.0
125	20.5	9.6	14.4#

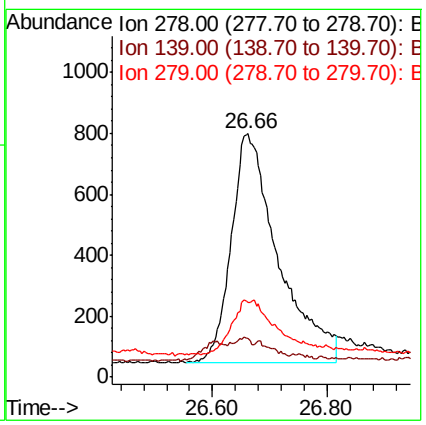


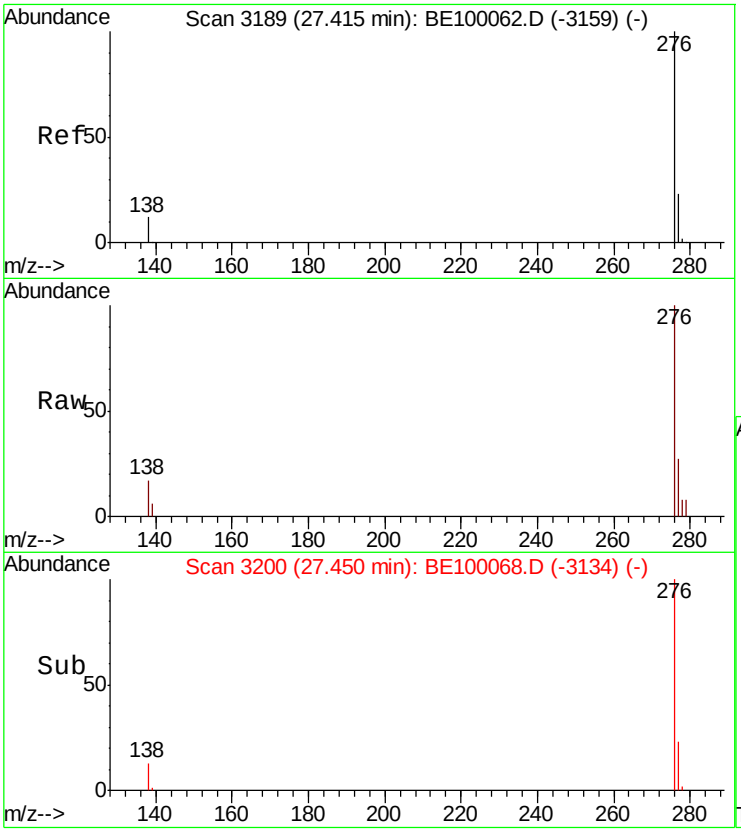


#38
Dibenzo(a,h)anthracene
Concen: 0.175 ng
RT: 26.66 min Scan# 2979
Delta R.T. 0.05 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:278 Resp: 4264

Ion	Ratio	Lower	Upper
278	100		
139	16.1	9.2	13.8#
279	30.5	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.186 ng
RT: 27.45 min Scan# 3200
Delta R.T. 0.04 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 4811

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.4	29.2
138	16.8	11.0	16.6#