Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100064.D
Acq On : 17 Jun 2019 13:44
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 17 15:11:13 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	7.77	152	703	0.40	ng		0.00
7) Naphthalene-d8	10.58	136	2420	0.40	ng		-0.01
13) Acenaphthene-d10	14.46	164	1764	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	5439	0.40	ng		0.00
27) Chrysene-d12	21.39	240	9027	0.40	ng		0.00
34) Perylene-d12	23.92	264	9474	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2964	1.56	ng		0.00
5) Phenol-d6	6.94	99	3617	1.48	ng		-0.02
8) Nitrobenzene-d5	8.94	82	4003	1.75	ng		-0.03
11) 2-Methylnaphthalene-d10	12.18	152	6980	1.65	ng		-0.03
14) 2,4,6-Tribromophenol	15.94	330	1784	1.37	ng		-0.03
15) 2-Fluorobiphenyl	13.07	172	11326	1.69	ng		-0.01
25) Fluoranthene-d10	19.24	212	121505	1.53	ng		0.00
29) Terphenyl-d14	19.84	244	24034	1.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1742	1.674	ng		96
3) n-Nitrosodimethylamine	3.60	42	785	1.308	ng	#	100
6) bis(2-Chloroethyl)ether	7.21	93	2922	1.464	ng	#	71
9) Naphthalene	10.63	128	42121	1.612	ng	#	98
10) Hexachlorobutadiene	10.90	225	3591	1.802	ng		98
12) 2-Methylnaphthalene	12.27	142	7096	1.672	ng		95
16) Acenaphthylene	14.17	152	14575	1.661	ng		99
17) Acenaphthene	14.51	154	8074	1.689	ng		98
18) Fluorene	15.49	166	12095	1.686	ng		97
20) 4-Bromophenyl-phenylether	16.40	248	5284	1.715	ng	#	78
21) Hexachlorobenzene	16.51	284	5387	1.711	ng		99
22) Pentachlorophenol	16.87	266	1569	1.591	ng	#	80
23) Phenanthrene	17.24	178	21759	1.649	ng		100
24) Anthracene	17.34	178	20431	1.688	ng		98
26) Fluoranthene	19.26	202	34766	1.550	ng		99
28) Pyrene	19.63	202	35671	1.504	ng		100
30) Benzo(a)anthracene	21.37	228	42321	1.569	ng		98
31) Chrysene	21.43	228	44966	1.612	ng		99
32) Bis(2-ethylhexyl)phthalate	21.28	149	52297	1.351	ng		99
33) Indeno(1,2,3-cd)pyrene	26.58	276	54605	1.651	ng		99
35) Benzo(b)fluoranthene	23.13	252	44006	1.658	ng	#	95
36) Benzo(k)fluoranthene	23.18	252	47628	1.715	ng		96
37) Benzo(a)pyrene	23.80	252	43252	1.654	ng	#	93
38) Dibenzo(a,h)anthracene	26.61	278	44063	1.673	ng	#	95
39) Benzo(g,h,i)perylene	27.41	276	45194	1.661	ng		98

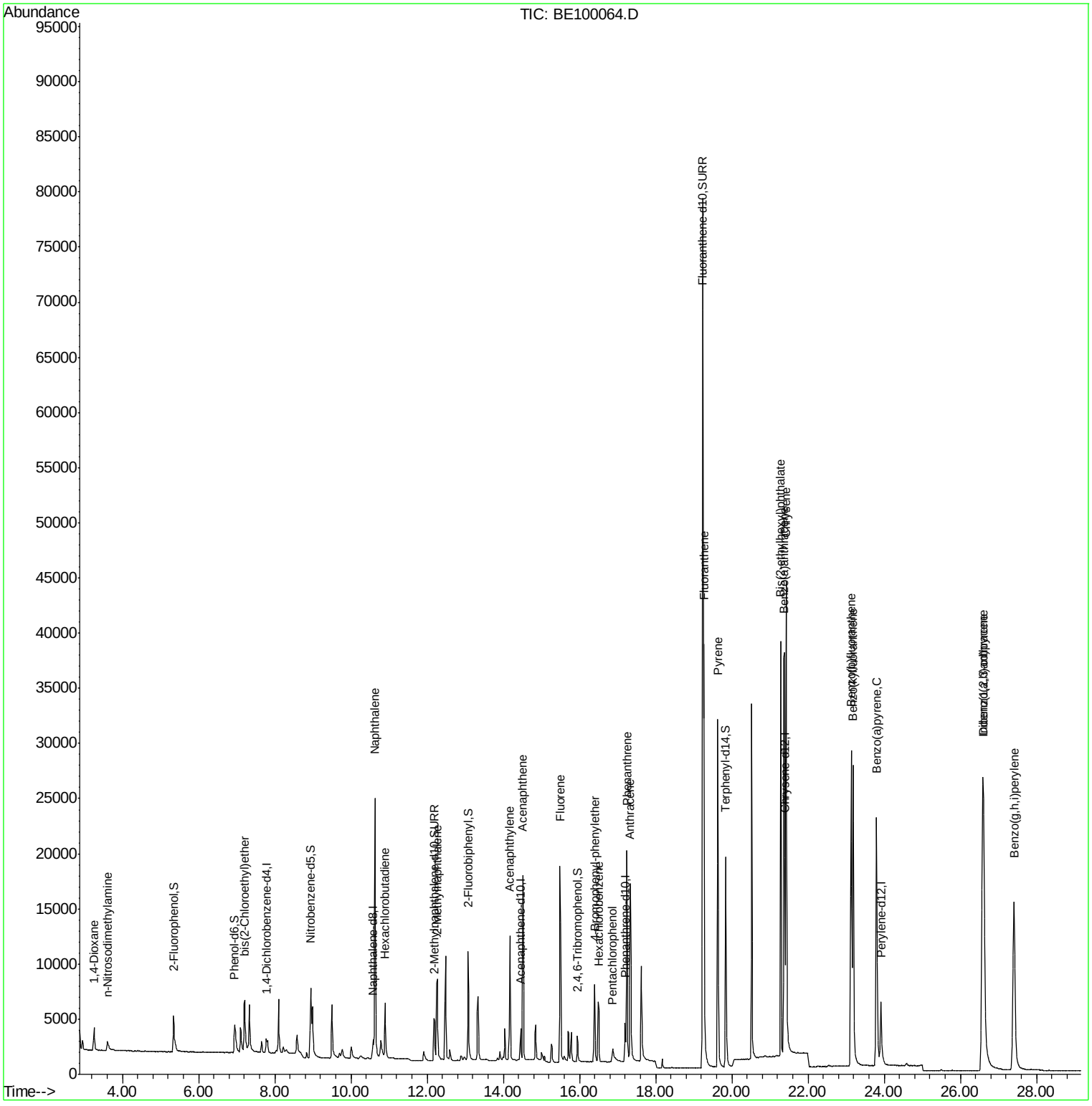
(#) = qualifier out of range (m) = manual integration (+) = signals summed

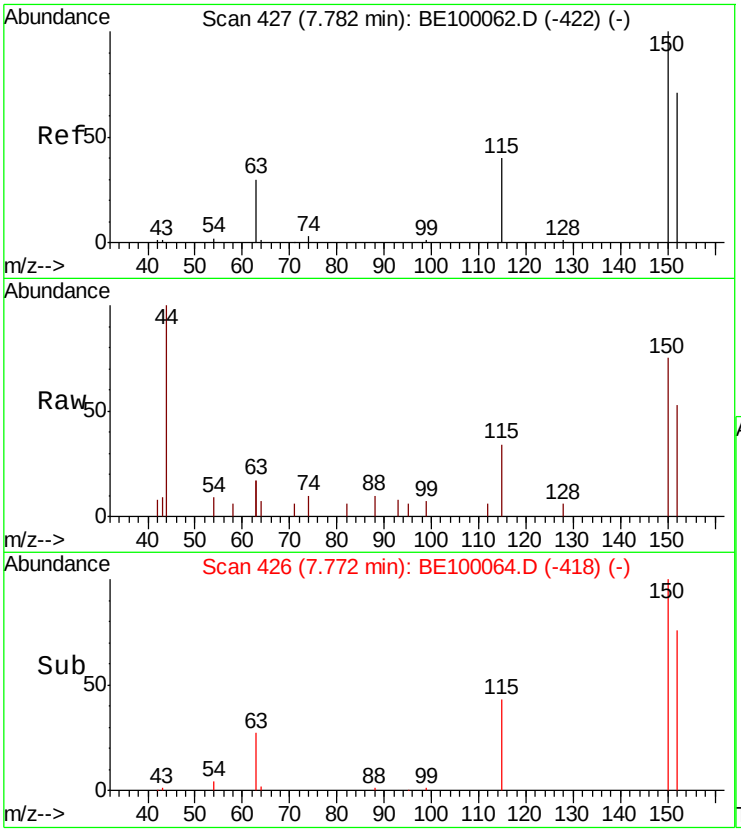
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100064.D
Acq On : 17 Jun 2019 13:44
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 17 15:11:13 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



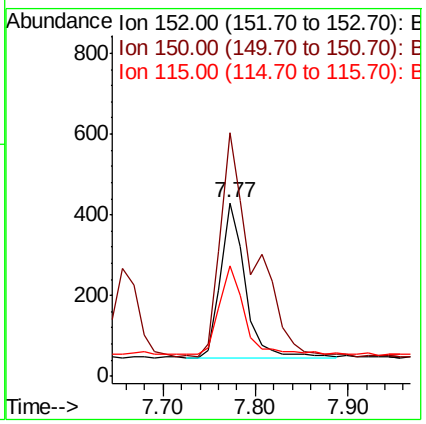


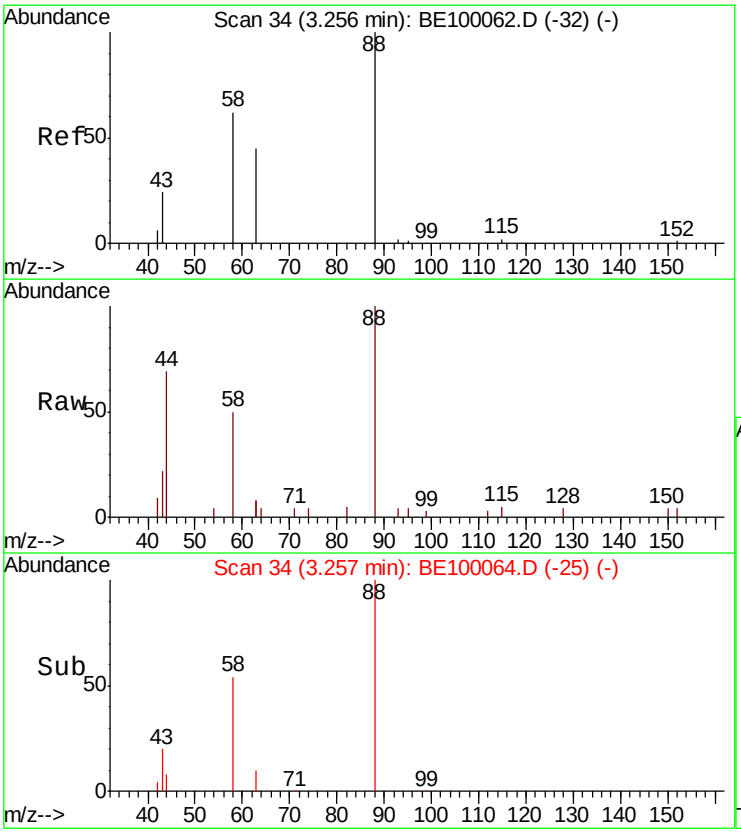
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 703

Ion	Ratio	Lower	Upper
152	100		
150	140.2	109.5	164.3
115	63.7	52.6	78.8

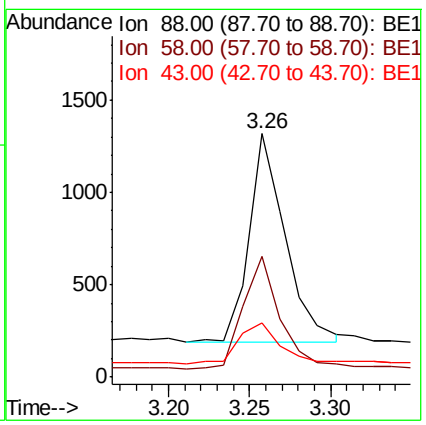


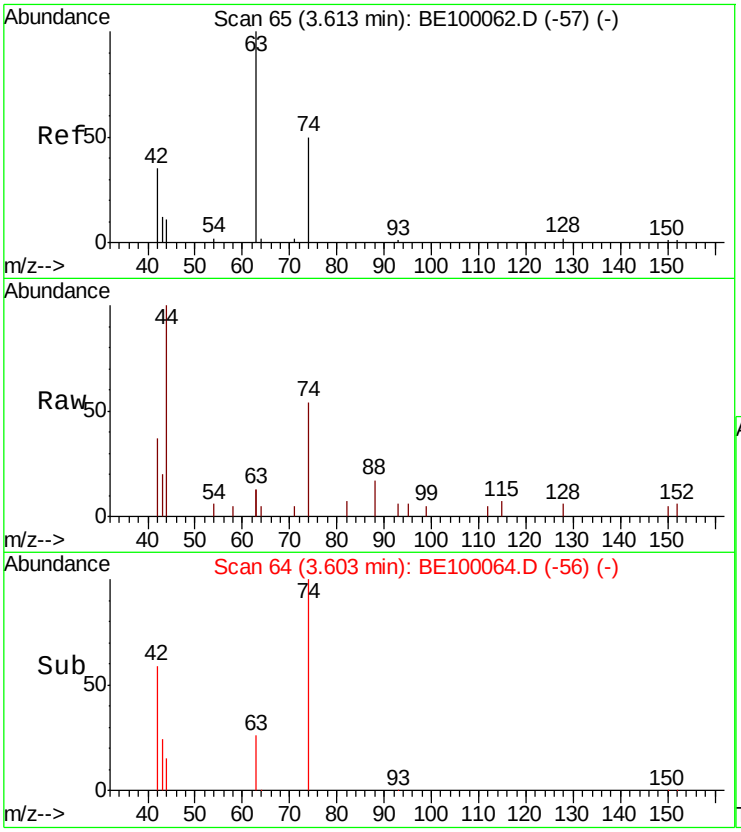


#2
1,4-Dioxane
Concen: 1.674 ng
RT: 3.26 min Scan# 34
Delta R.T. 0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion: 88 Resp: 1742

Ion	Ratio	Lower	Upper
88	100		
58	55.0	41.9	62.9
43	22.2	15.8	23.8



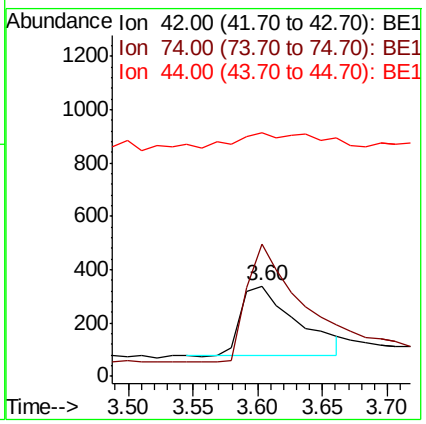


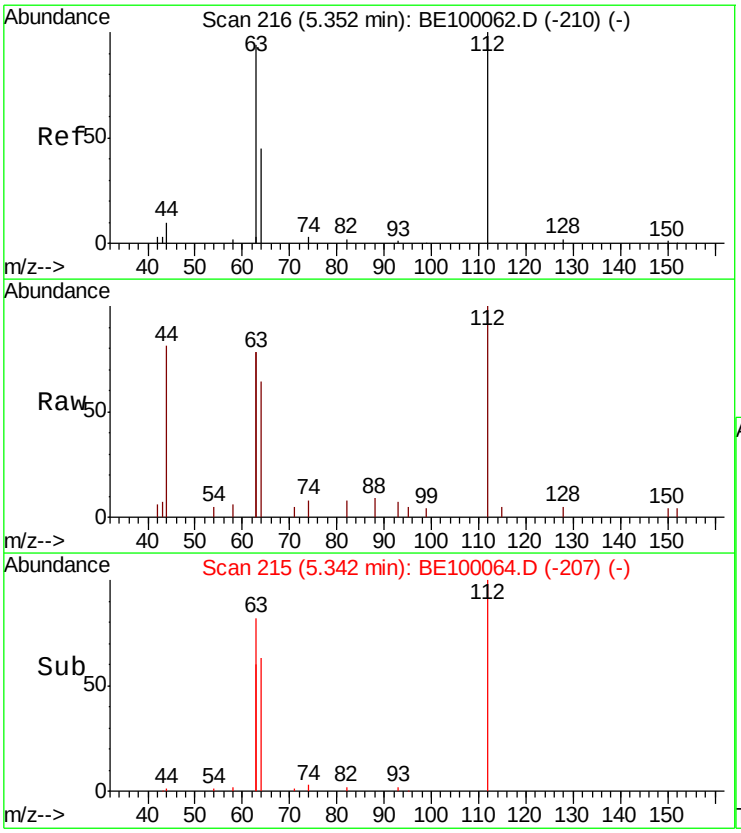
#3
n-Nitrosodimethylamine
Concen: 1.308 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 785

Ion	Ratio	Lower	Upper
42	100		
74	162.5	0.0	0.0#
44	28.2	0.0	0.0#

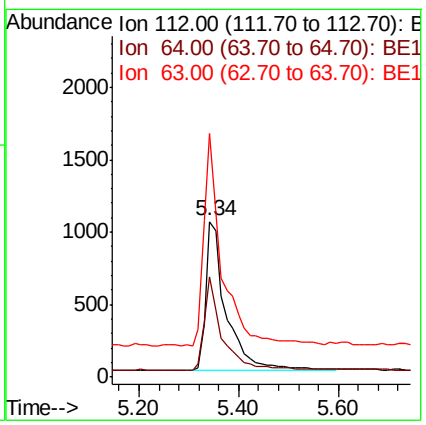


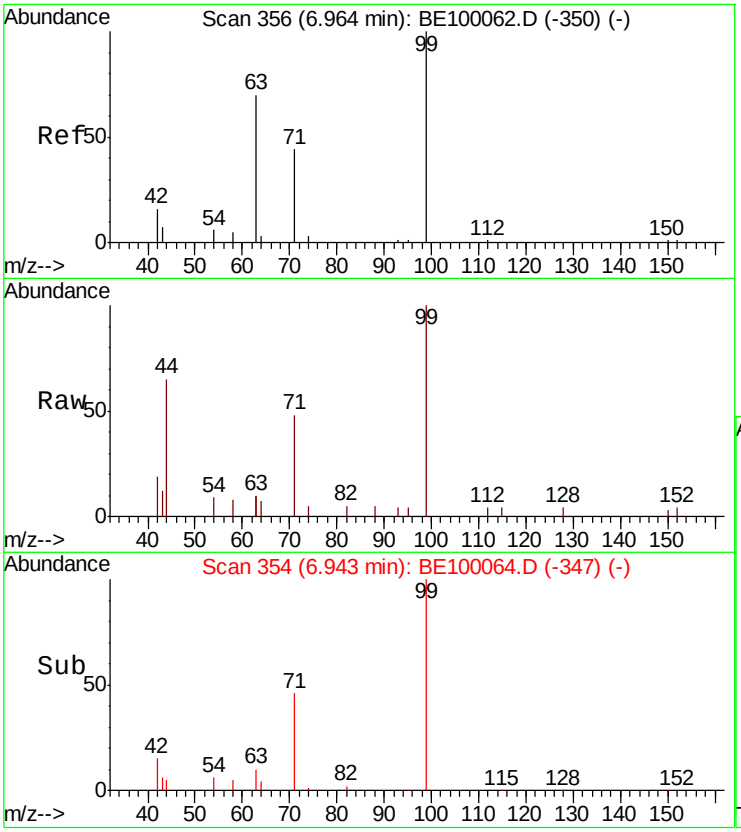


#4
2-Fluorophenol
Concen: 1.562 ng
RT: 5.34 min Scan# 215
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:112 Resp: 2964

Ion	Ratio	Lower	Upper
112	100		
64	55.5	39.6	59.4
63	125.9	113.0	169.4



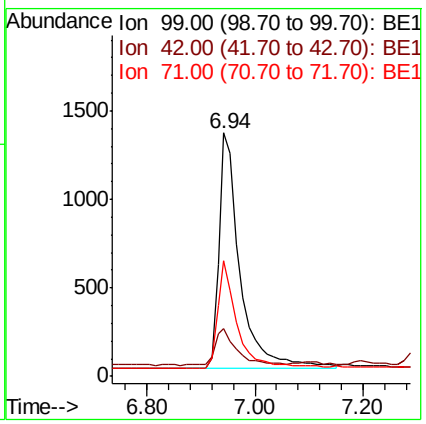


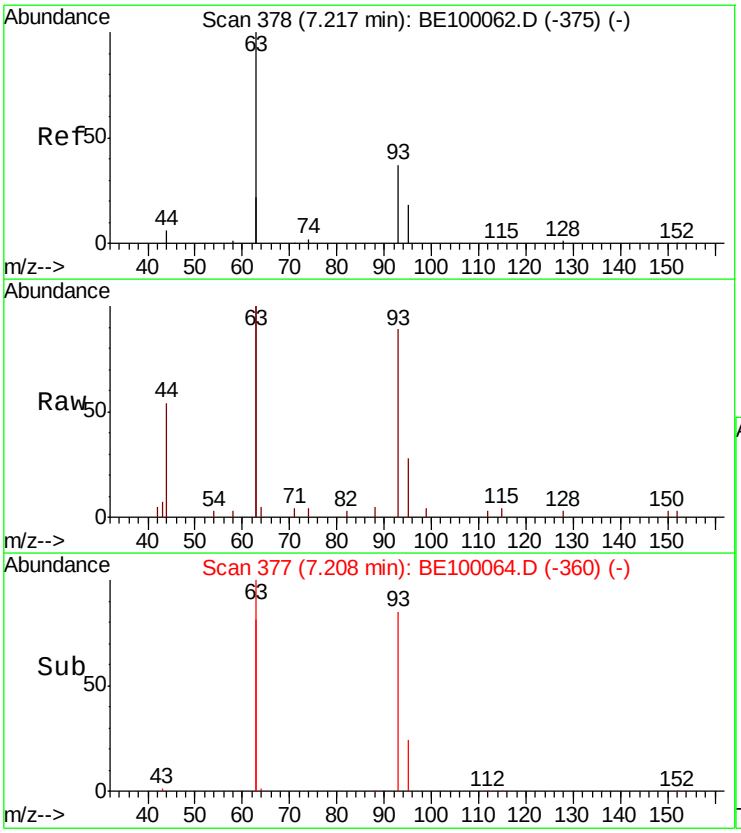
#5
Phenol-d6
Concen: 1.480 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.02 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 3617

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.4	17.2
71	42.2	32.8	49.2

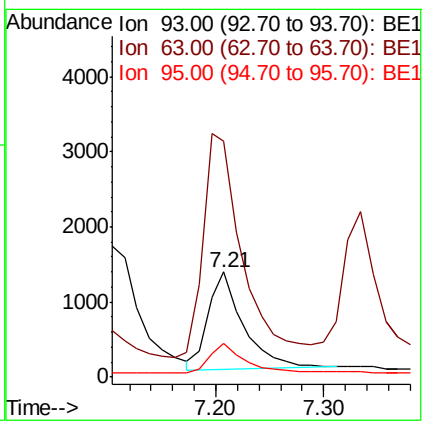


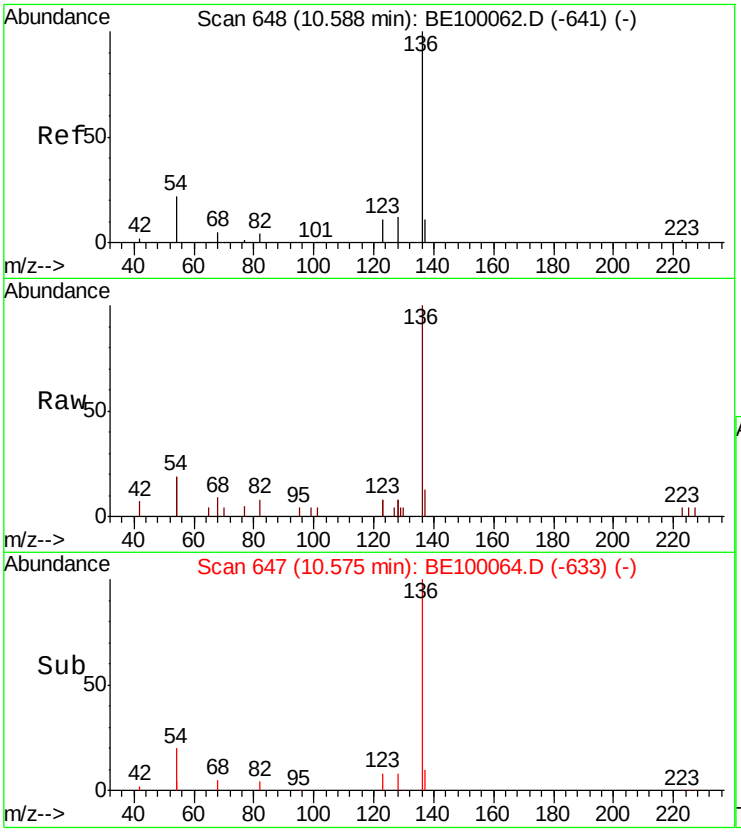


#6
bis(2-Chloroethyl)ether
Concen: 1.464 ng
RT: 7.21 min Scan# 377
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion: 93 Resp: 2922

Ion	Ratio	Lower	Upper
93	100		
63	258.9	165.0	247.6#
95	33.3	26.5	39.7



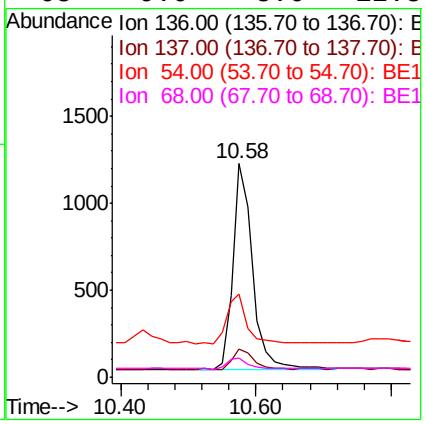


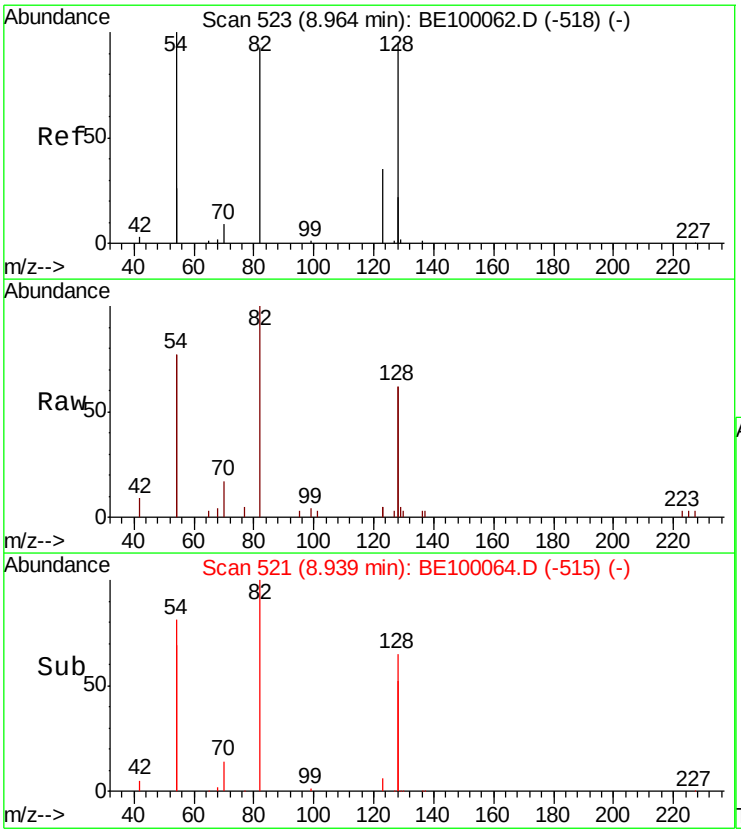
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 2420

Ion	Ratio	Lower	Upper
136	100		
137	13.4	12.6	19.0
54	38.9	33.0	49.6
68	9.0	8.6	12.8

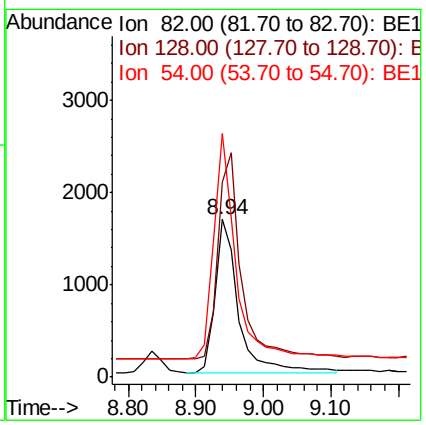


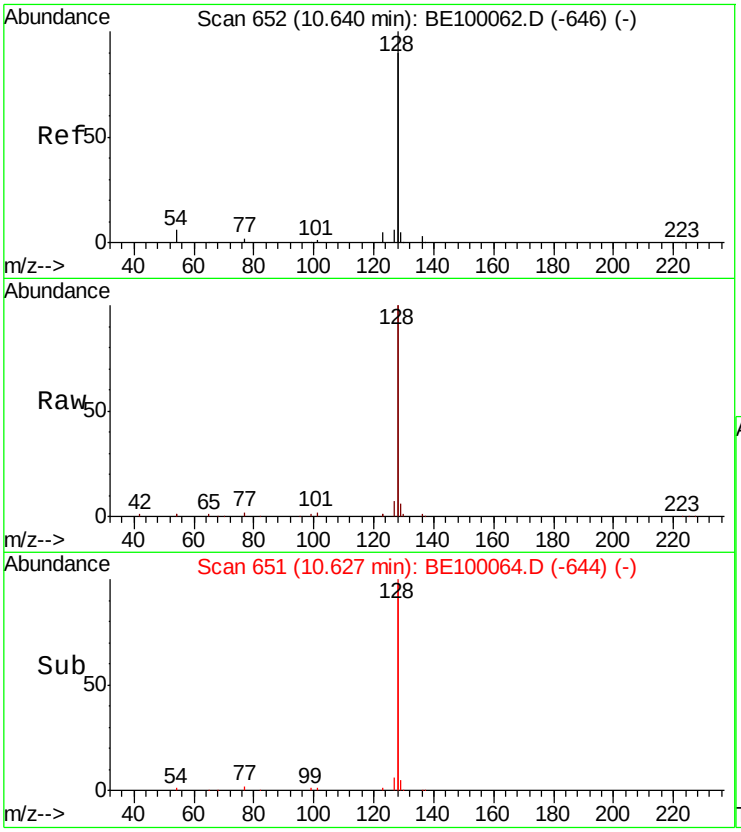


#8
Nitrobenzene-d5
Concen: 1.747 ng
RT: 8.94 min Scan# 521
Delta R.T. -0.03 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion: 82 Resp: 4003

Ion	Ratio	Lower	Upper
82	100		
128	123.8	134.6	201.8#
54	154.7	141.6	212.4



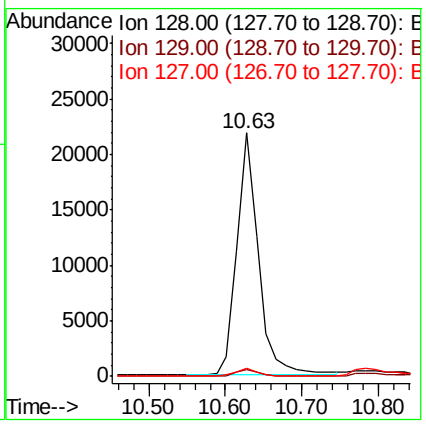


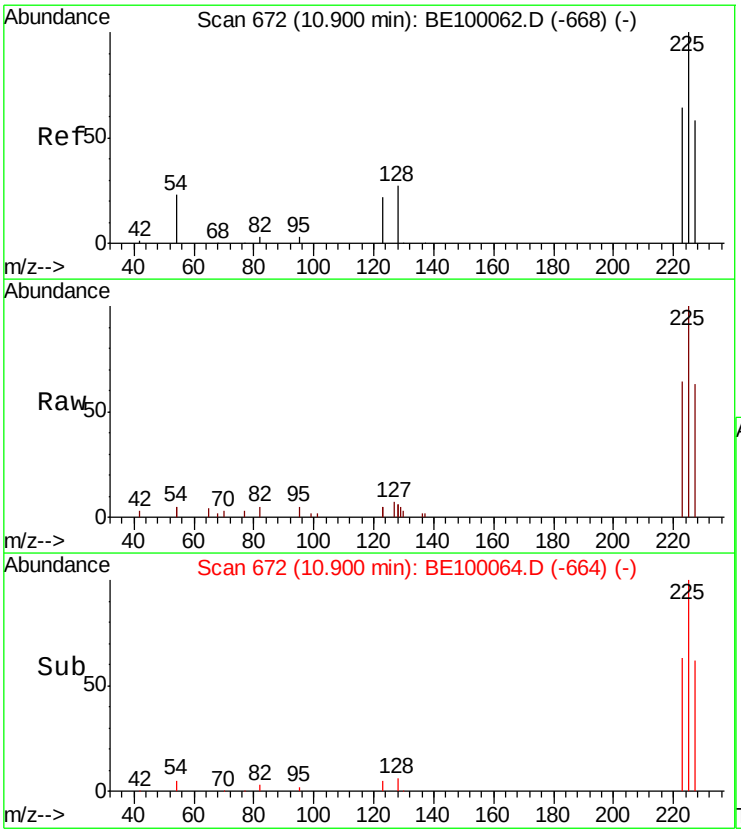
#9
Naphthalene
Concen: 1.612 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 42121

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

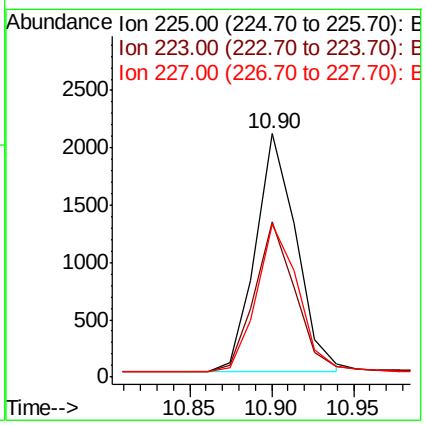


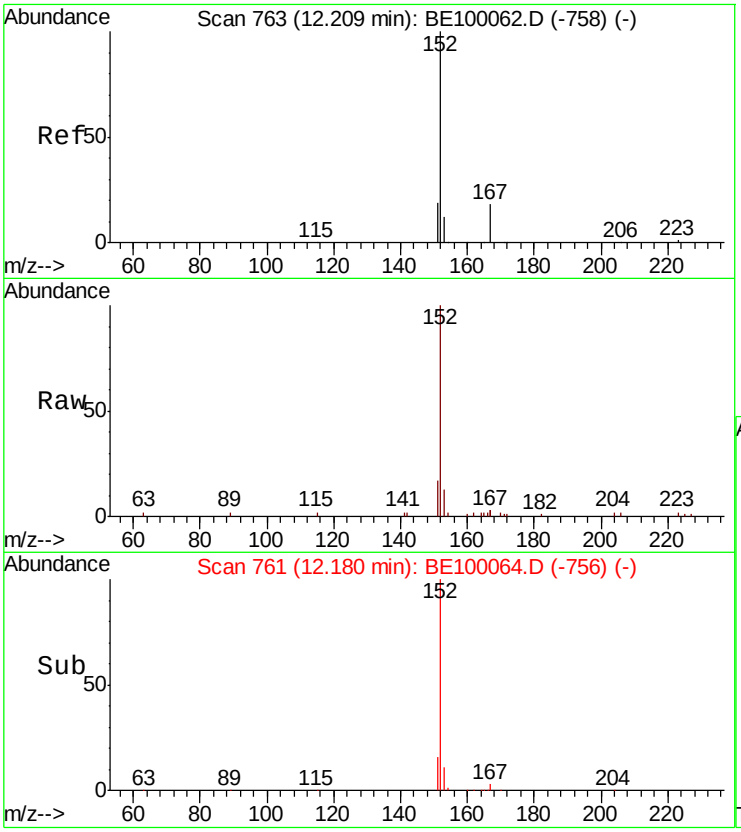


#10
Hexachlorobutadiene
Concen: 1.802 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:225 Resp: 3591

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.1	76.7
227	63.2	51.9	77.9



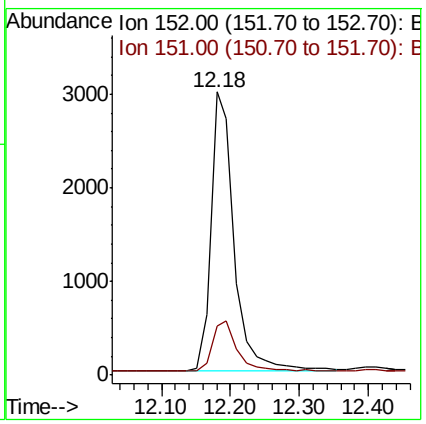


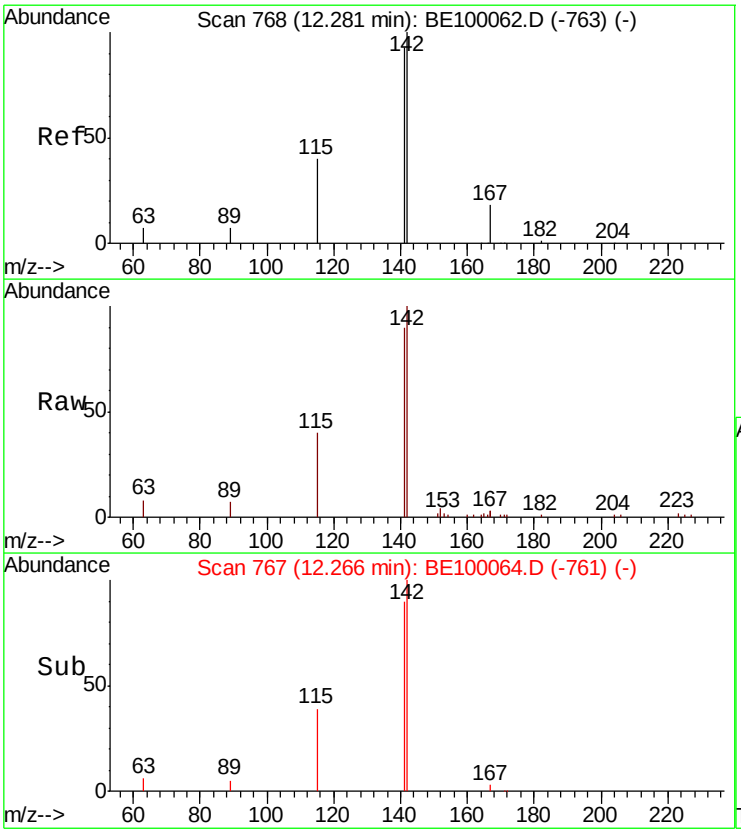
#11
2-Methylnaphthalene-d10
Concen: 1.654 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 6980

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

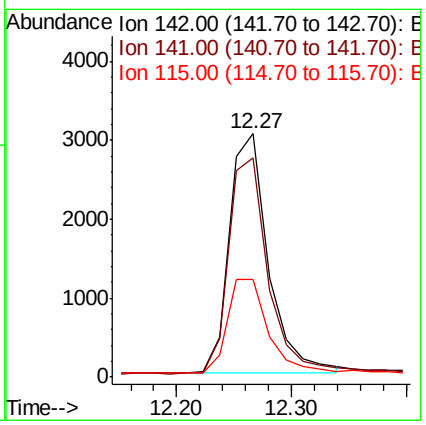


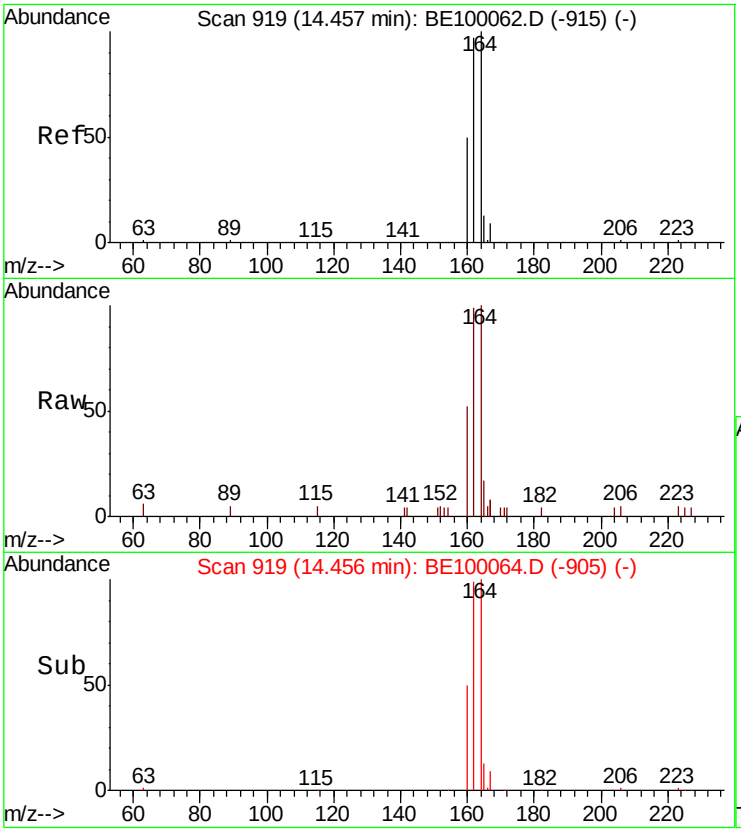


#12
2-Methylnaphthalene
Concen: 1.672 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:142 Resp: 7096

Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.2	111.4
115	40.4	36.5	54.7



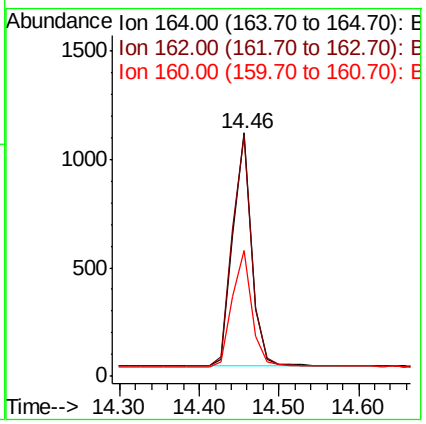


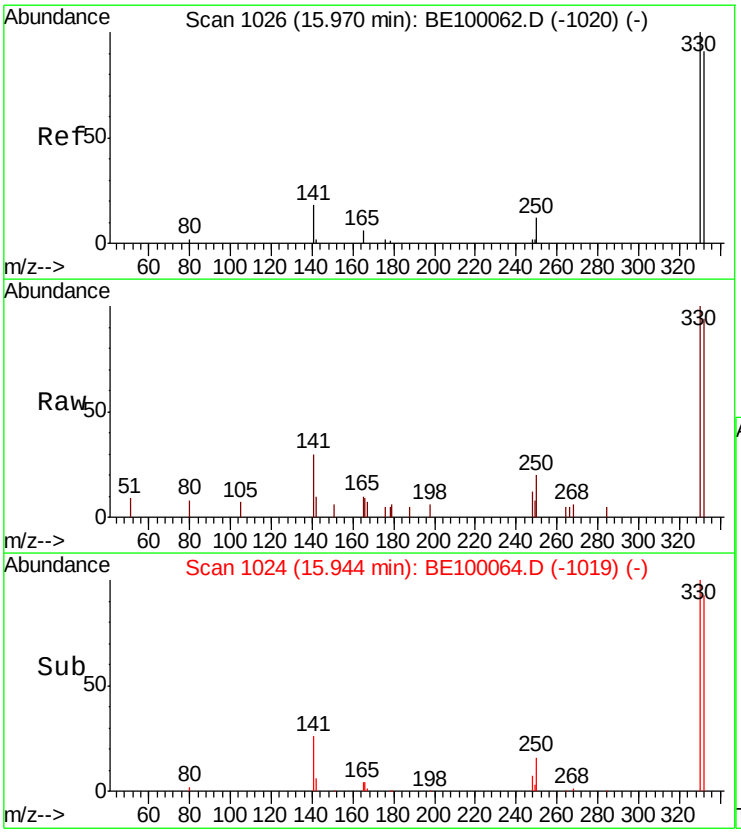
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 1764

Ion	Ratio	Lower	Upper
164	100		
162	99.1	77.6	116.4
160	51.5	41.7	62.5

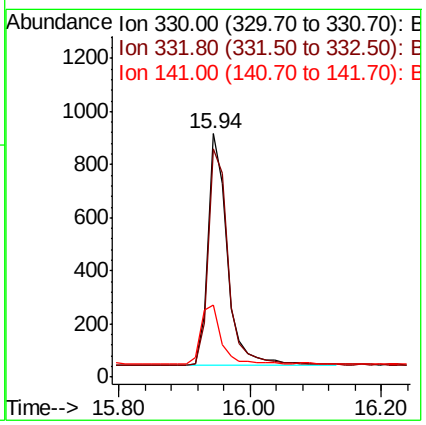


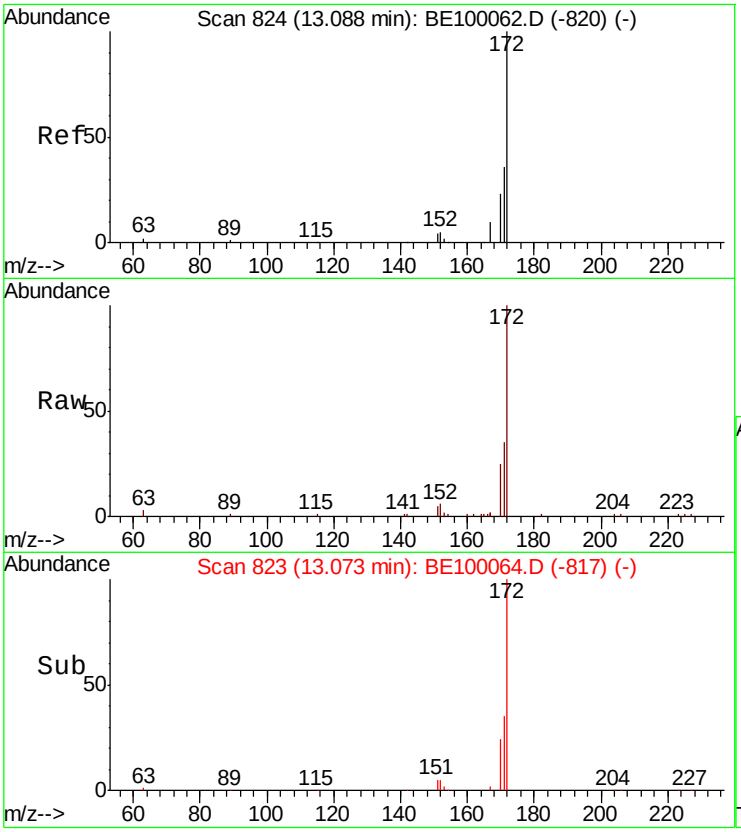


#14
2,4,6-Tribromophenol
Concen: 1.368 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:330 Resp: 1784

Ion	Ratio	Lower	Upper
330	100		
332	97.6	74.7	112.1
141	27.0	20.3	30.5



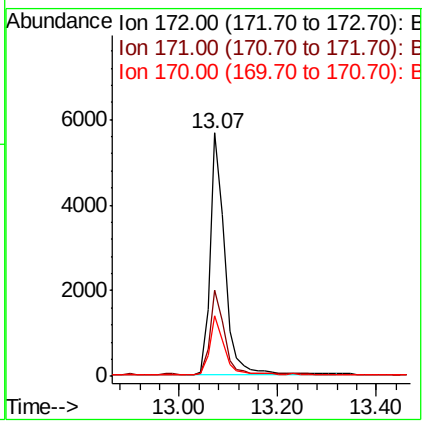


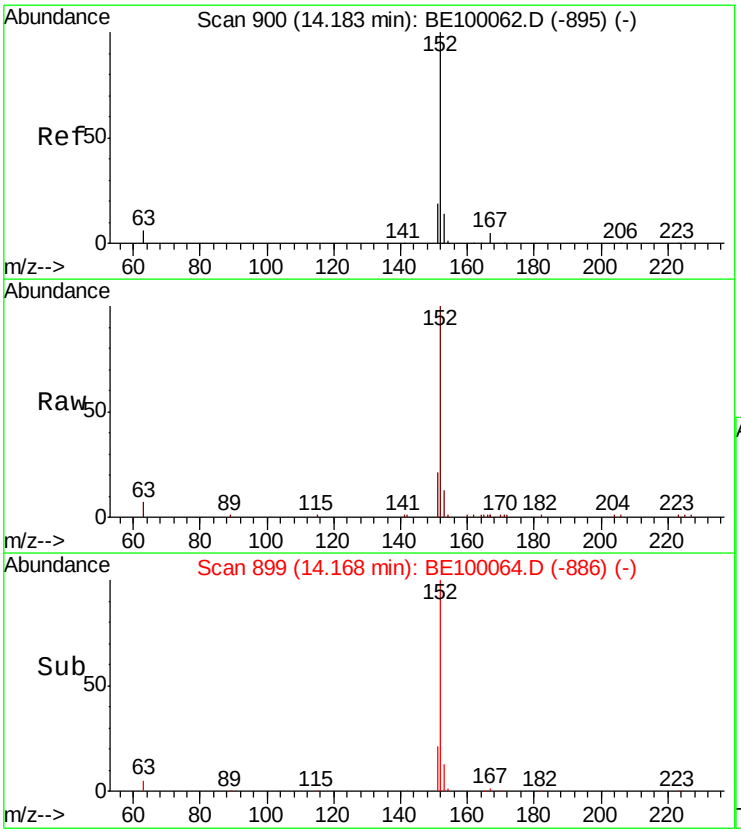
#15
2-Fluorobiphenyl
Concen: 1.694 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 11326

Ion	Ratio	Lower	Upper
172	100		
171	35.4	31.0	46.6
170	24.9	21.3	31.9

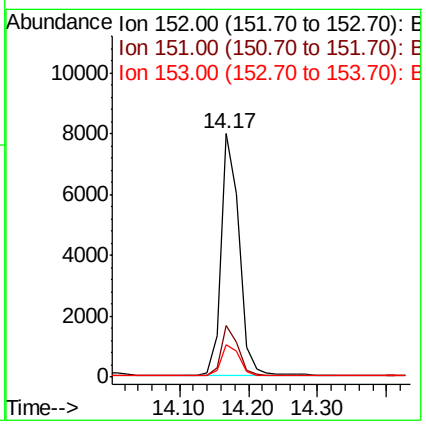


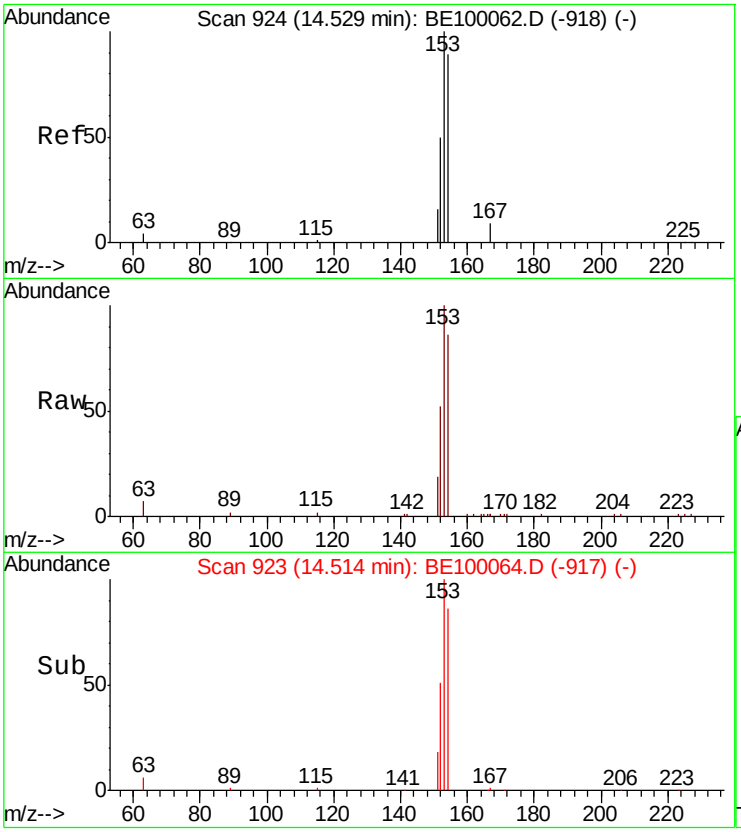


#16
Acenaphthylene
Concen: 1.661 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:152 Resp: 14575

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.1	11.1	16.7



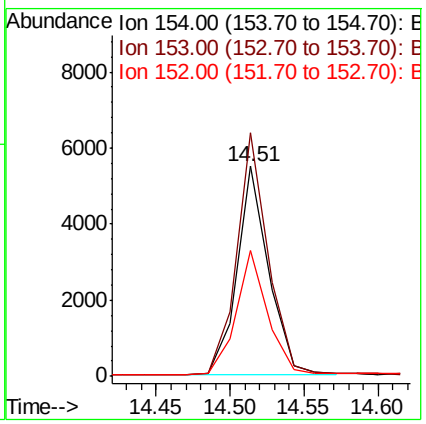


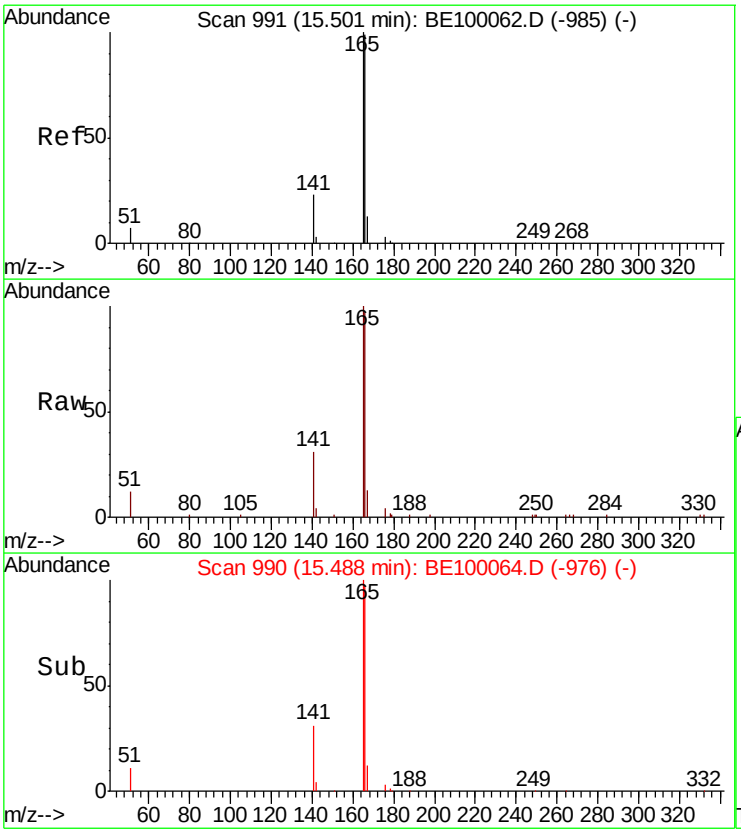
#17
Acenaphthene
Concen: 1.689 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 8074

Ion	Ratio	Lower	Upper
154	100		
153	115.9	94.3	141.5
152	59.7	49.0	73.6

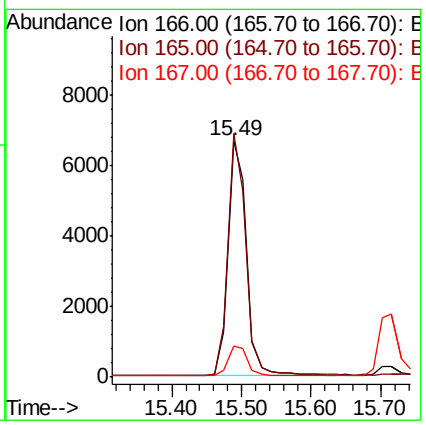


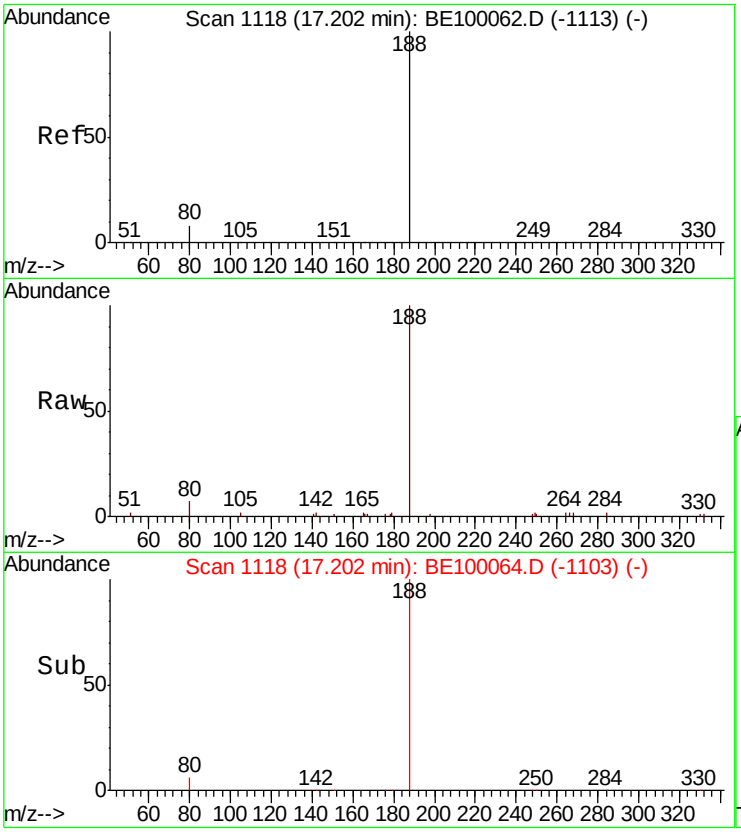


#18
Fluorene
Concen: 1.686 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:166 Resp: 12095

Ion	Ratio	Lower	Upper
166	100		
165	99.6	82.3	123.5
167	13.1	11.0	16.4



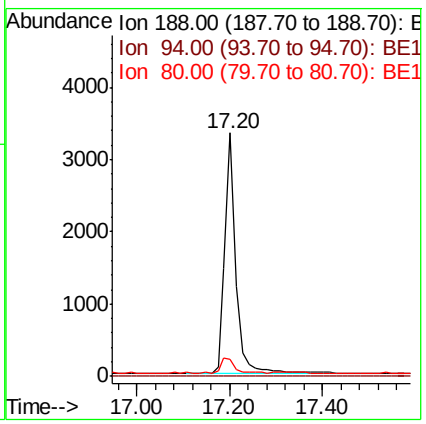


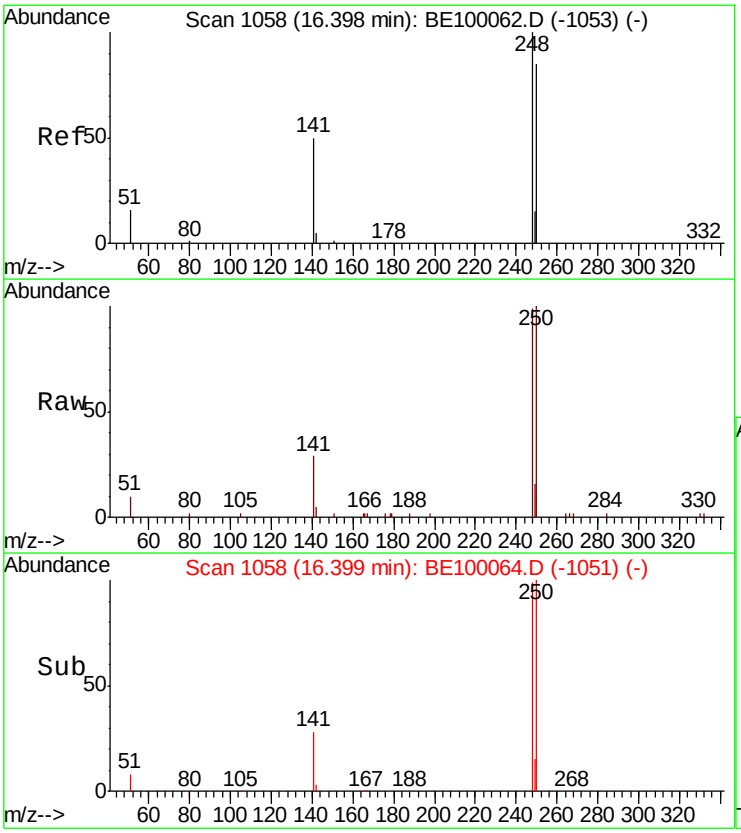
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 5439

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	8.2	12.4#

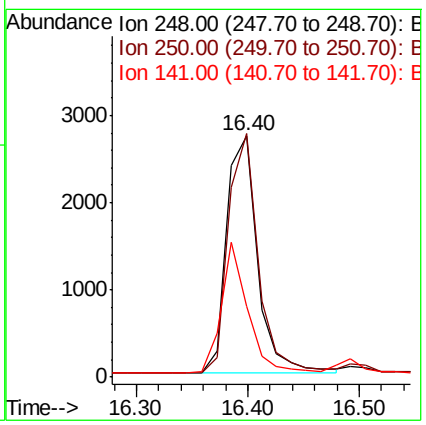


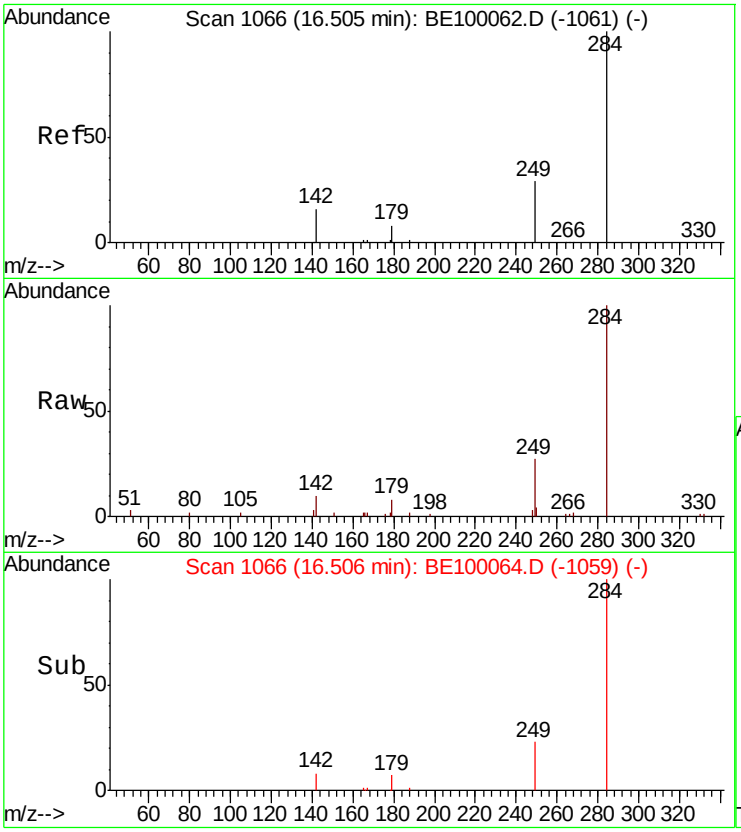


#20
4-Bromophenyl-phenylether
Concen: 1.715 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:248 Resp: 5284

Ion	Ratio	Lower	Upper
248	100		
250	100.9	69.8	104.8
141	29.5	43.0	64.6#



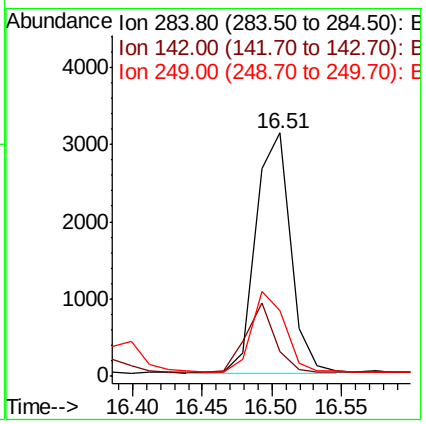


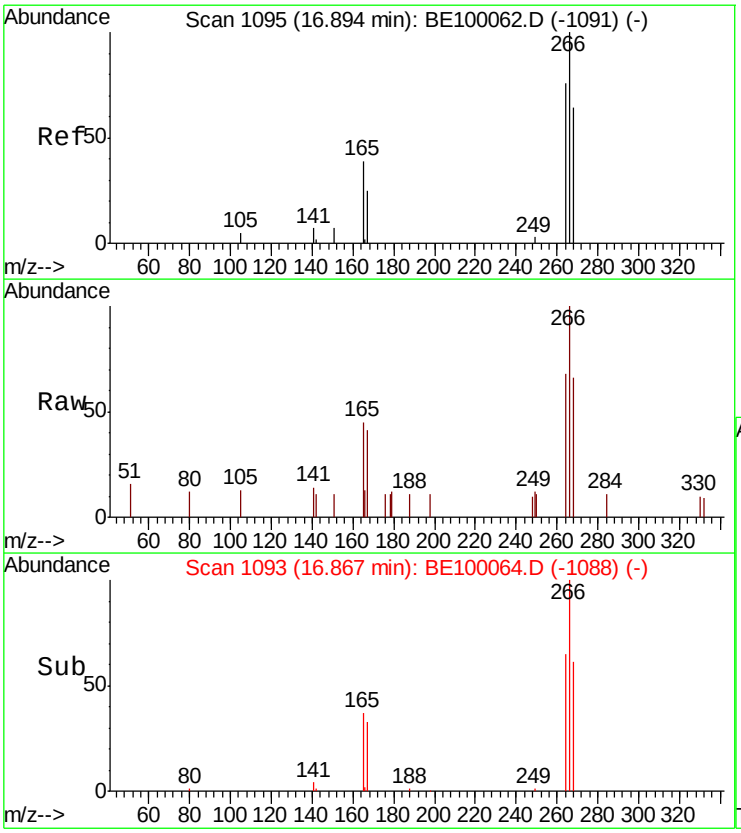
#21
Hexachlorobenzene
Concen: 1.711 ng
RT: 16.51 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 5387

Ion	Ratio	Lower	Upper
284	100		
142	24.3	20.3	30.5
249	31.7	25.3	37.9

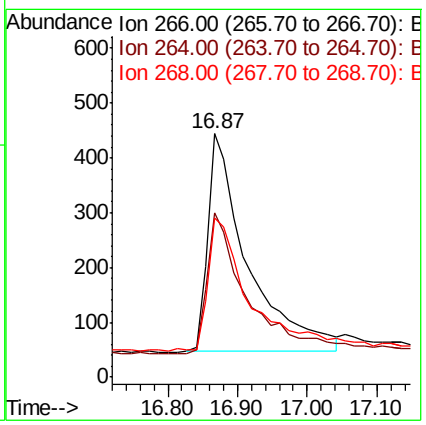


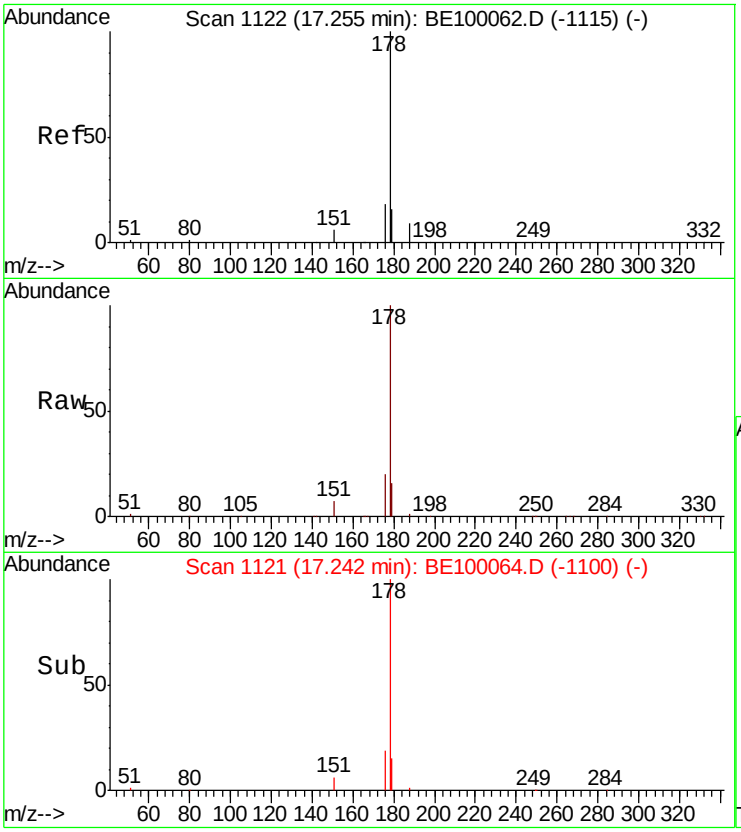


#22
Pentachlorophenol
Concen: 1.591 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:266 Resp: 1569

Ion	Ratio	Lower	Upper
266	100		
264	67.6	68.6	102.8#
268	65.5	67.0	100.6#



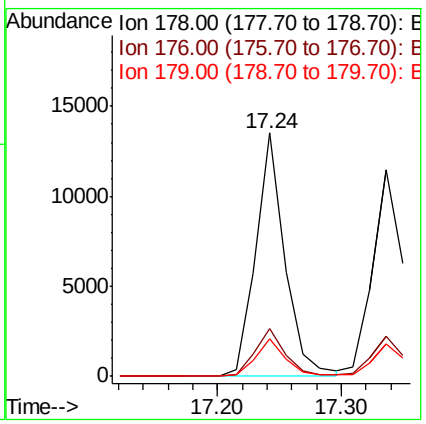


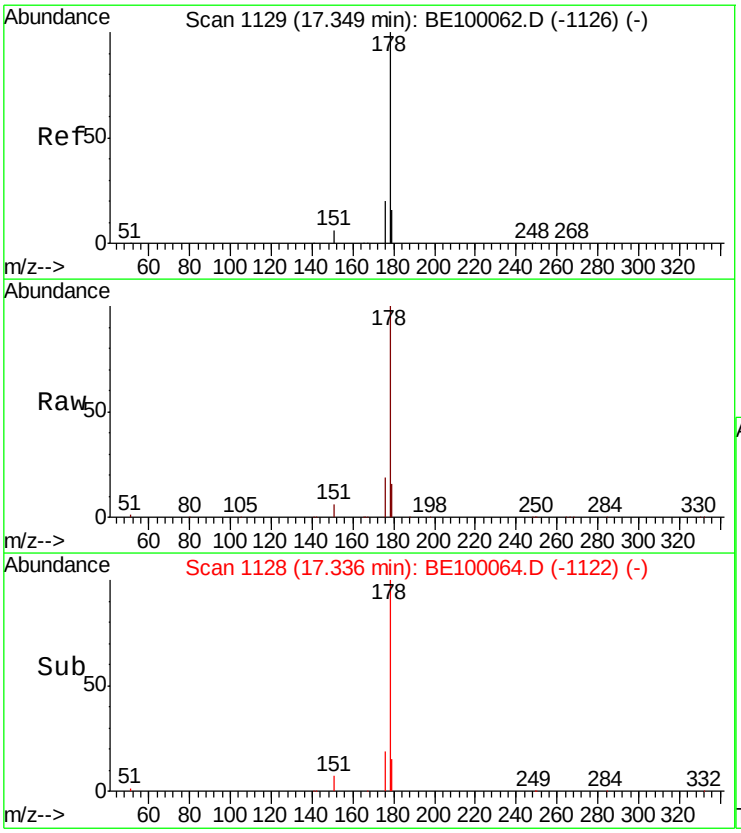
#23
Phenanthrene
Concen: 1.649 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 21759

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.3	12.4	18.6

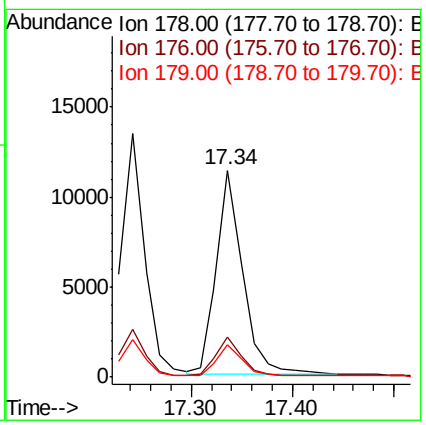


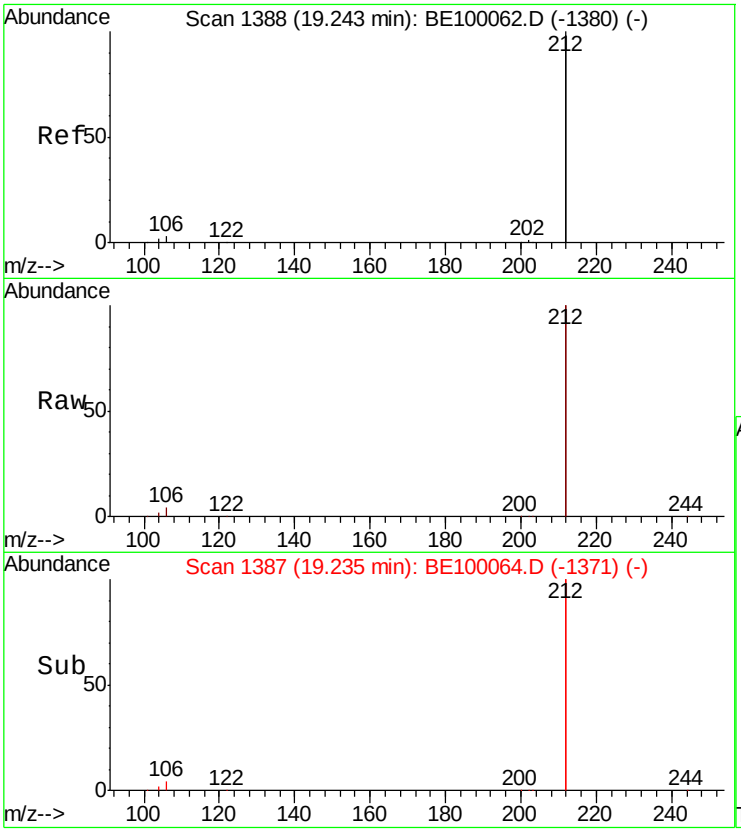


#24
Anthracene
Concen: 1.688 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:178 Resp: 20431

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.0	12.6	19.0



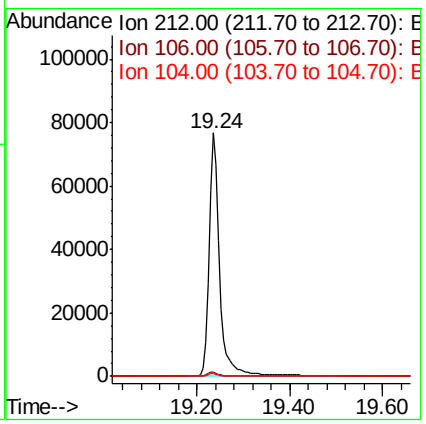


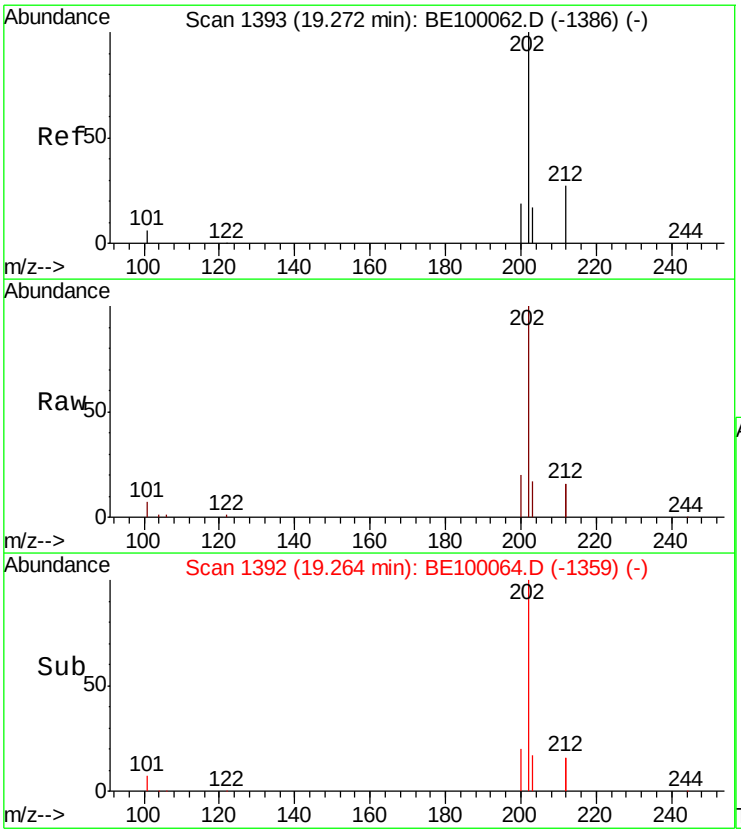
#25
Fluoranthene-d10
Concen: 1.533 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:212 Resp: 121505

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

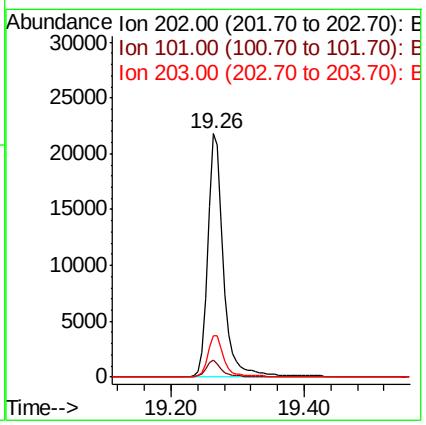


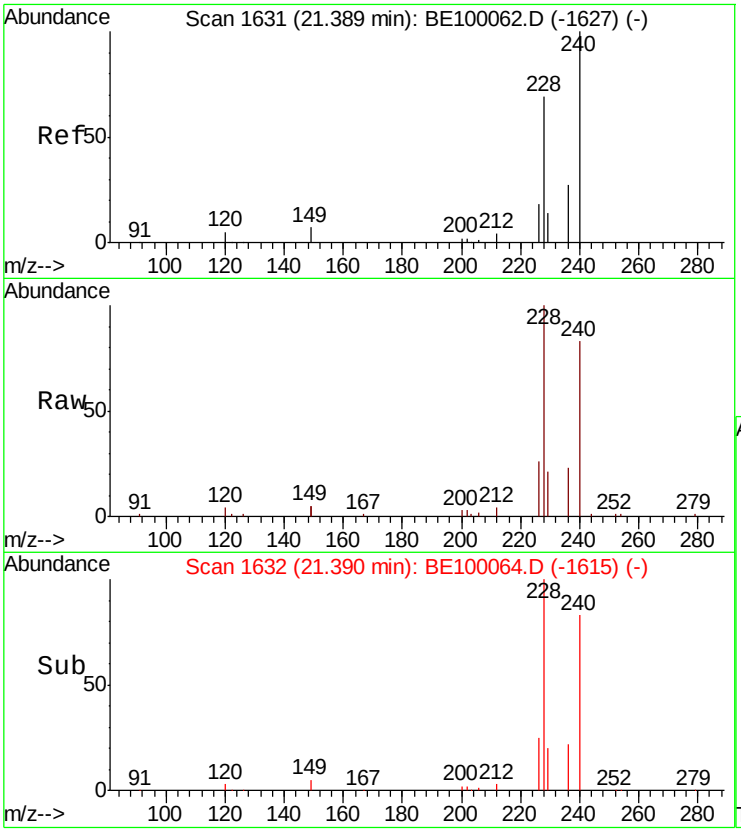


#26
Fluoranthene
Concen: 1.550 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:202 Resp: 34766

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.3	7.9
203	17.0	13.3	19.9



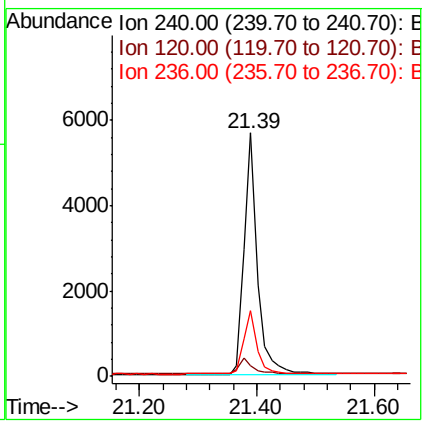


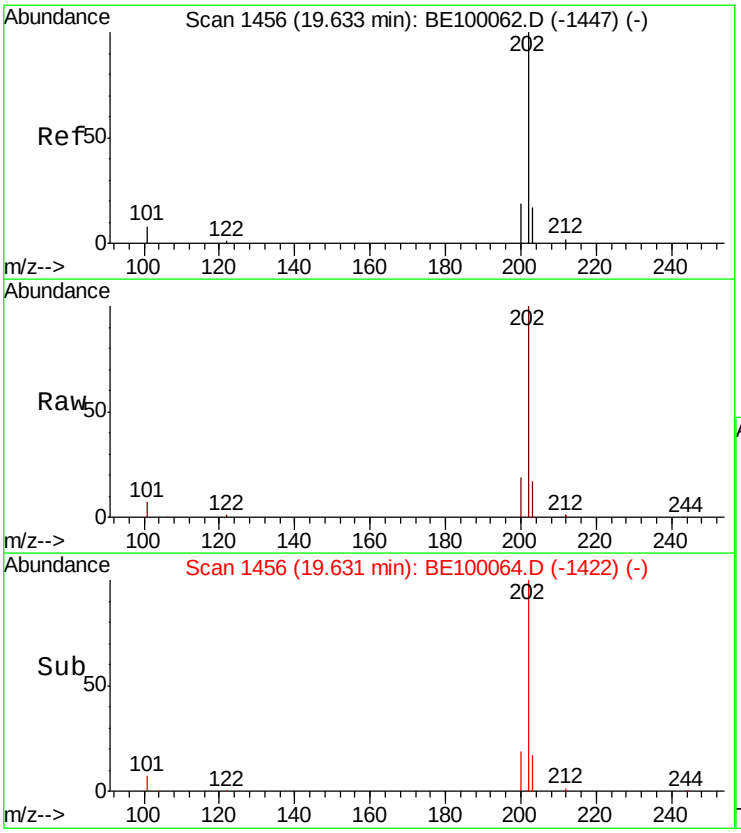
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 9027

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.4	8.0#
236	27.1	22.6	33.8

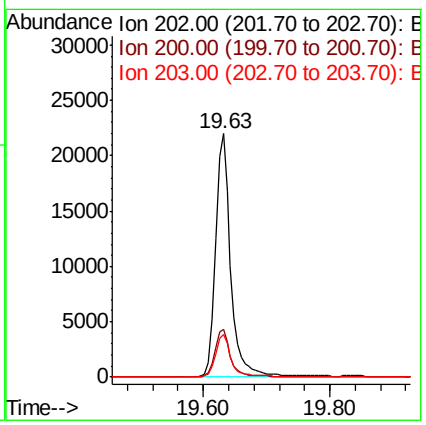


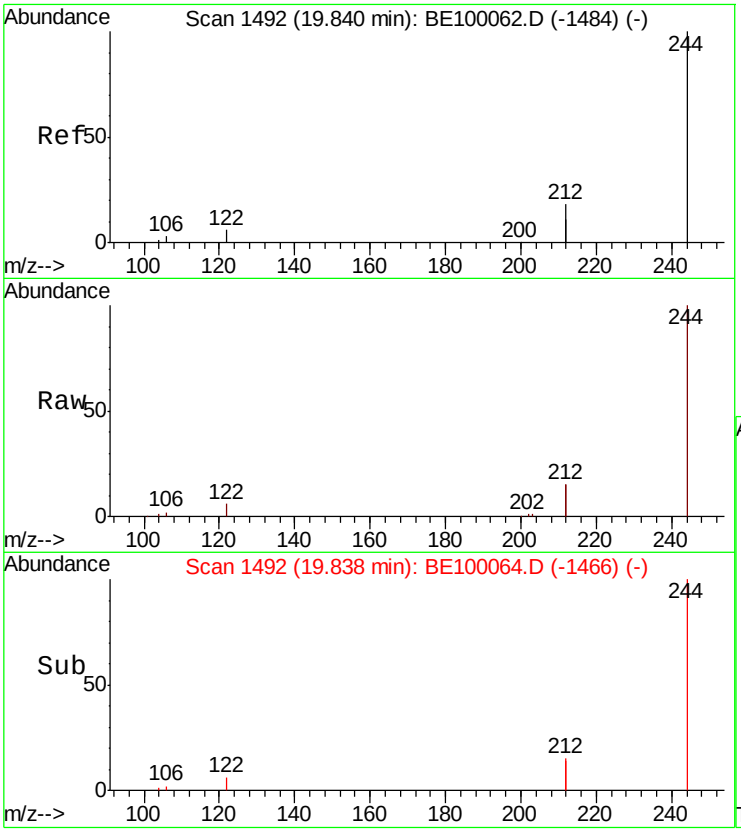


#28
Pyrene
Concen: 1.504 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:202 Resp: 35671

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.6	23.4
203	17.4	14.0	21.0



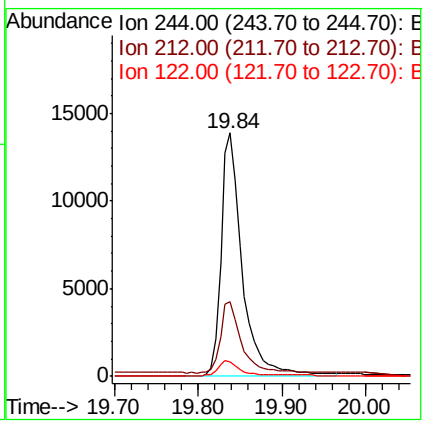


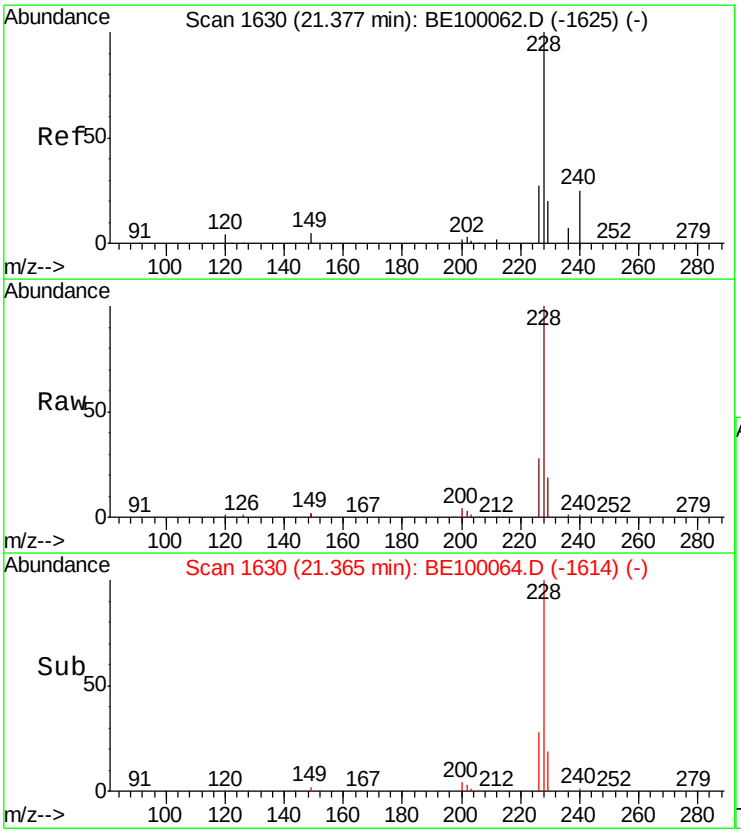
#29
Terphenyl-d14
Concen: 1.479 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 24034

Ion	Ratio	Lower	Upper
244	100		
212	30.6	27.9	41.9
122	6.0	5.8	8.6

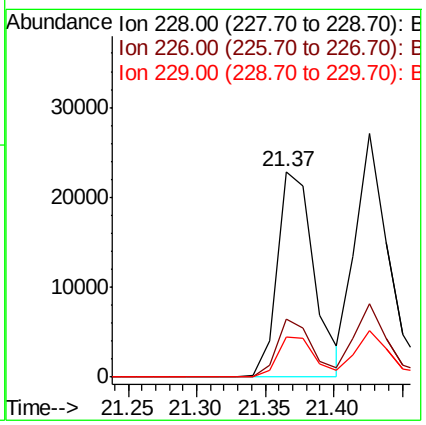


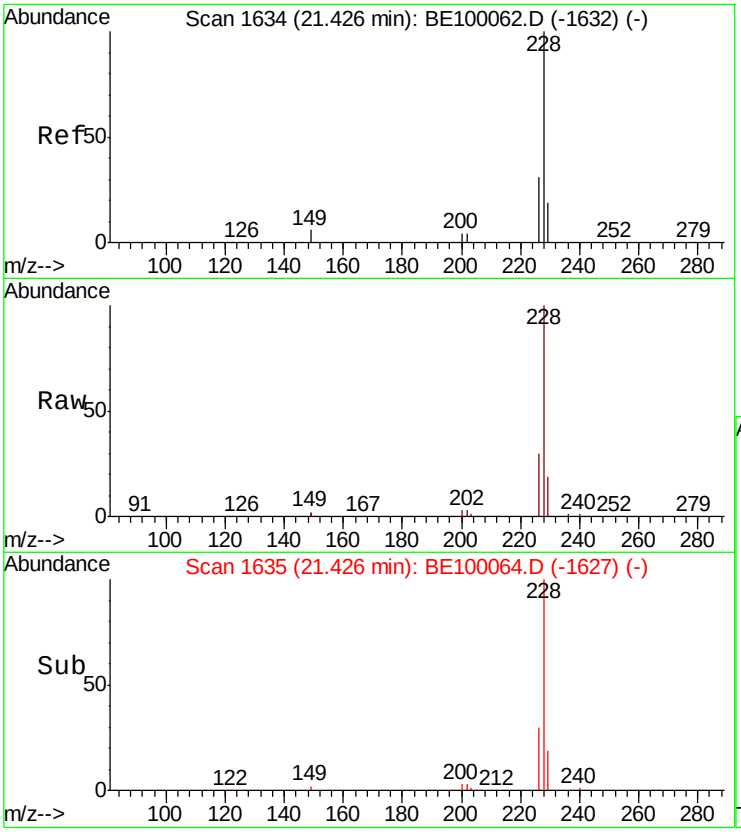


#30
Benzo(a)anthracene
Concen: 1.569 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:228 Resp: 42321

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.2	16.9	25.3



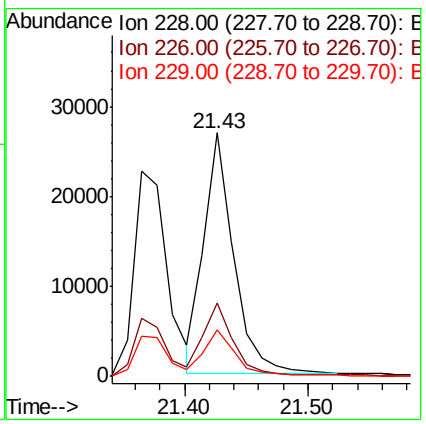


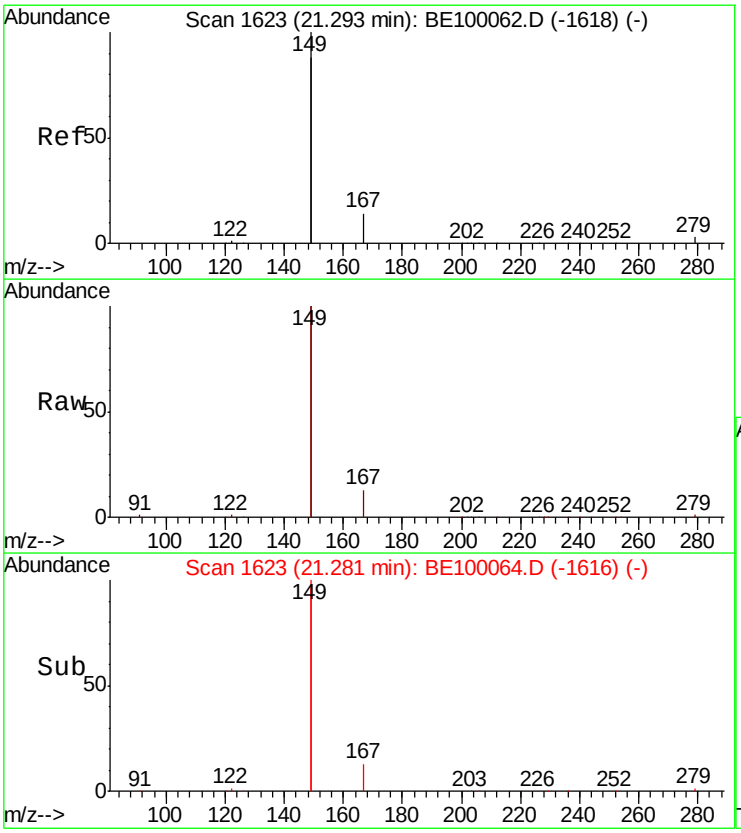
#31
Chrysene
Concen: 1.612 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 44966

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.3	15.8	23.8

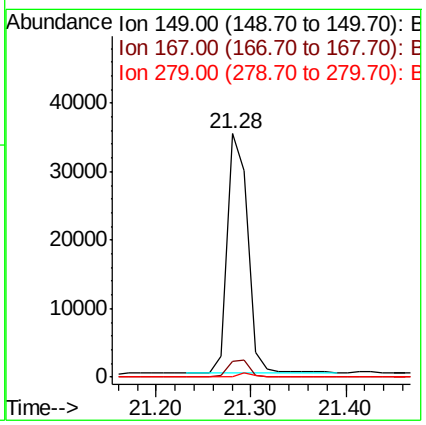


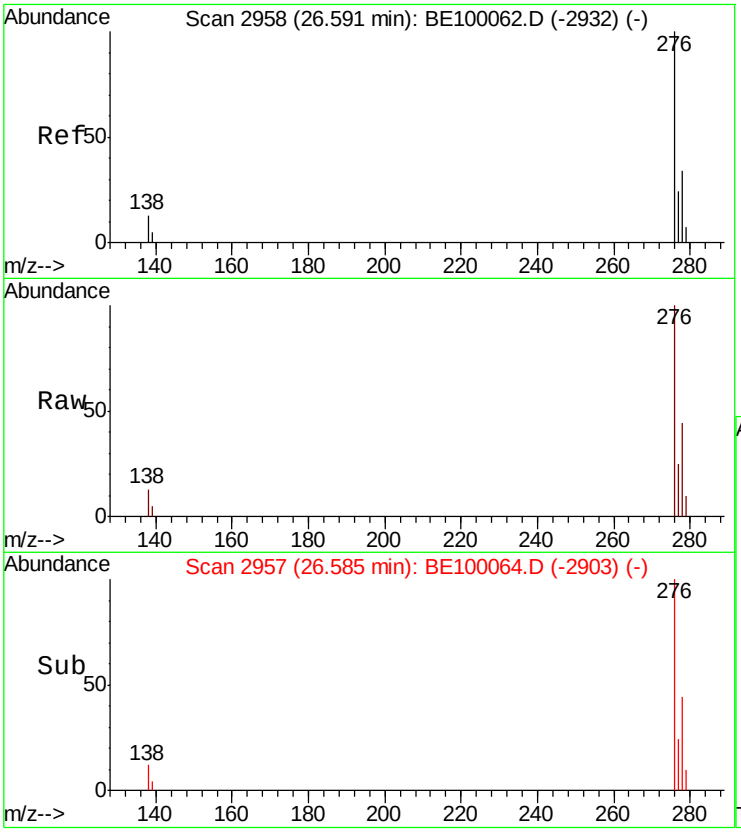


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.351 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:149 Resp: 52297

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.9	8.9
279	1.3	1.0	1.6



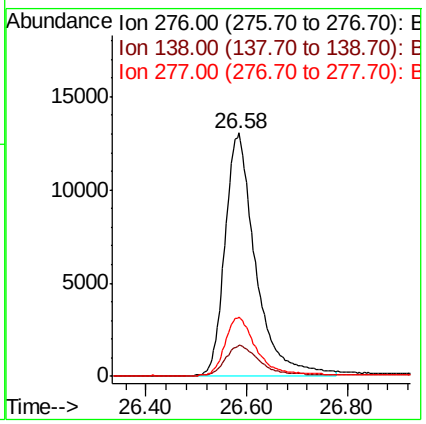


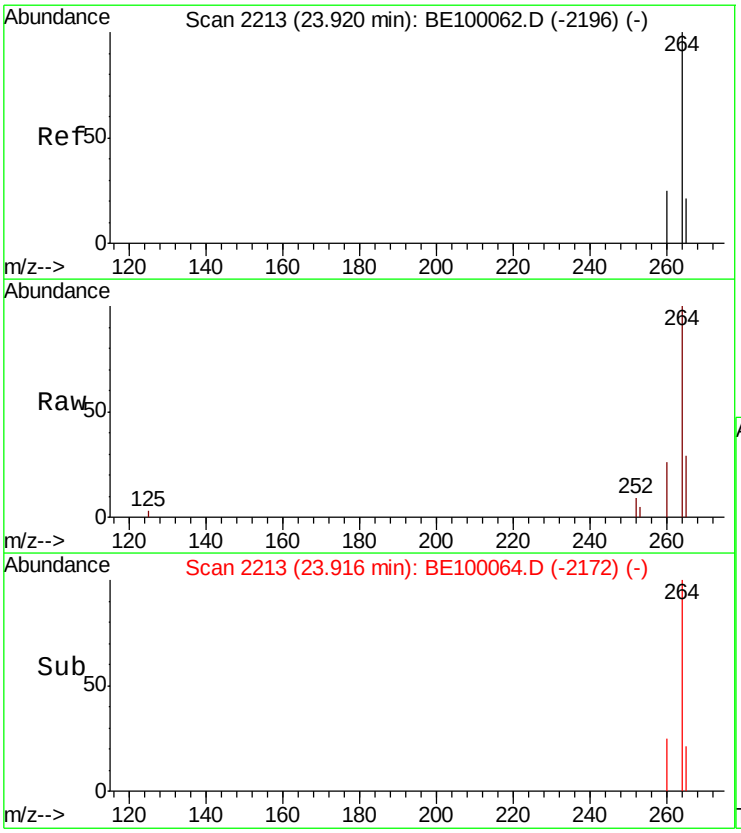
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.651 ng
RT: 26.58 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 54605

Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.7	16.1
277	24.7	19.0	28.6

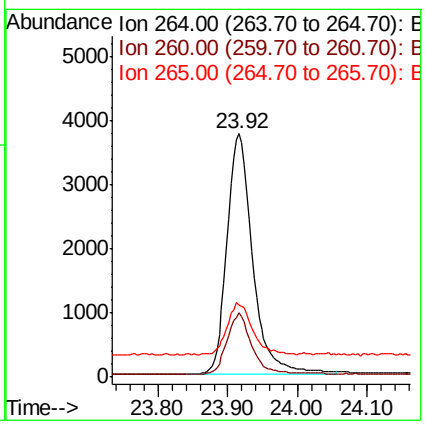


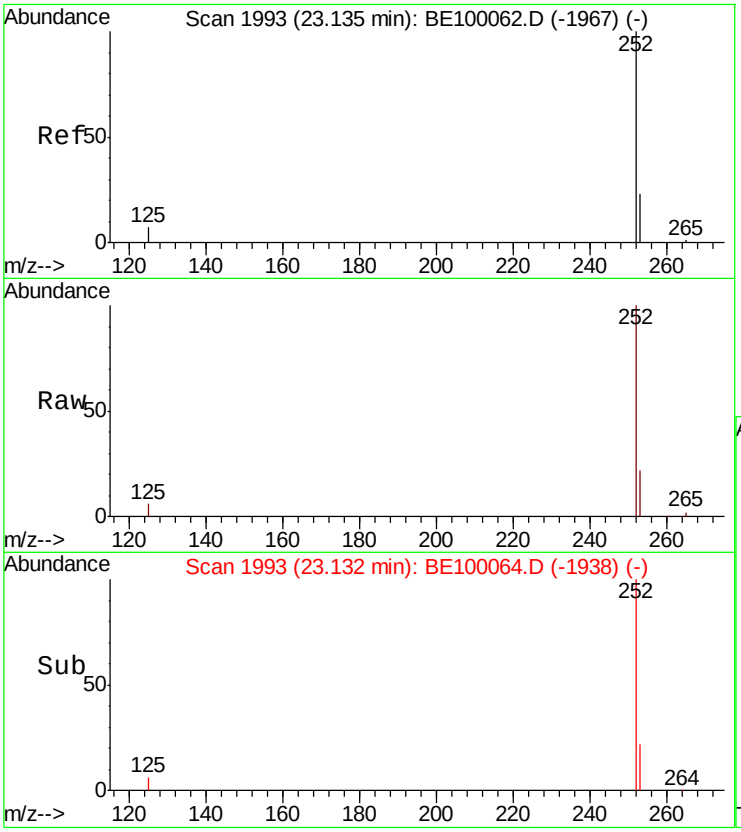


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:264 Resp: 9474

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.6	31.0
265	29.4	23.6	35.4



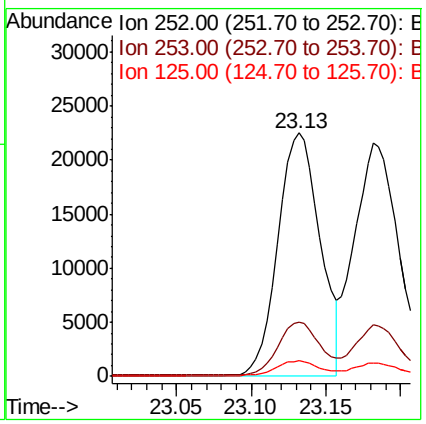


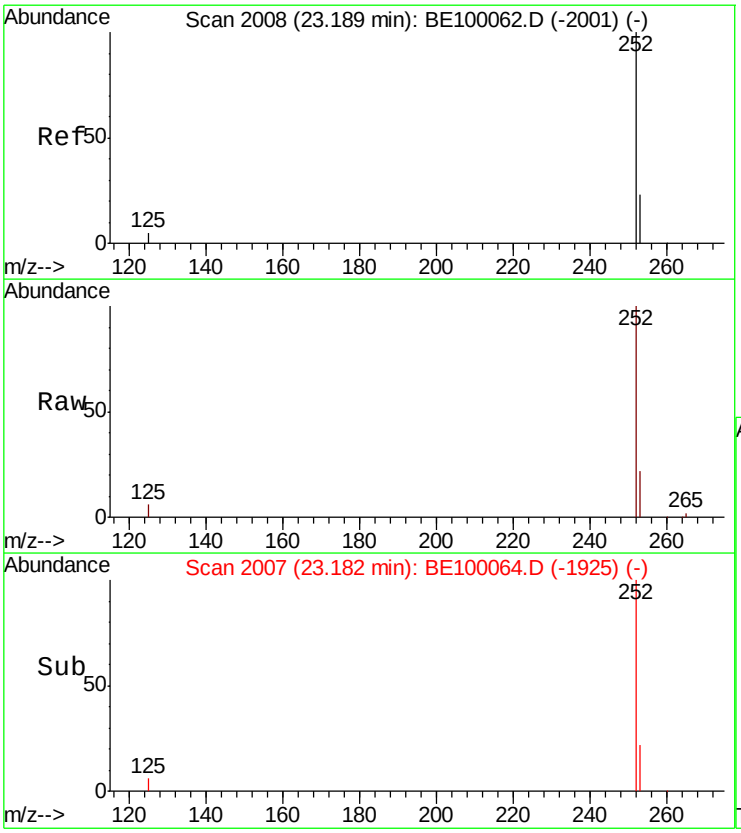
#35
Benzo(b)fluoranthene
Concen: 1.658 ng
RT: 23.13 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 44006

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.6	29.4
125	6.2	7.2	10.8#

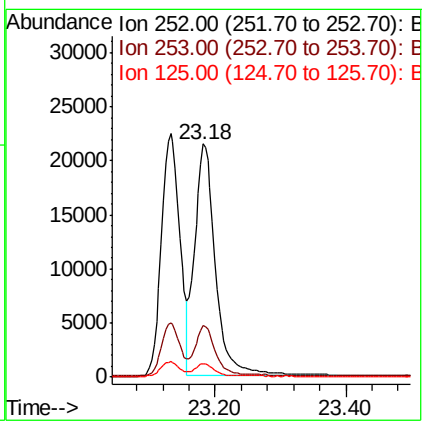


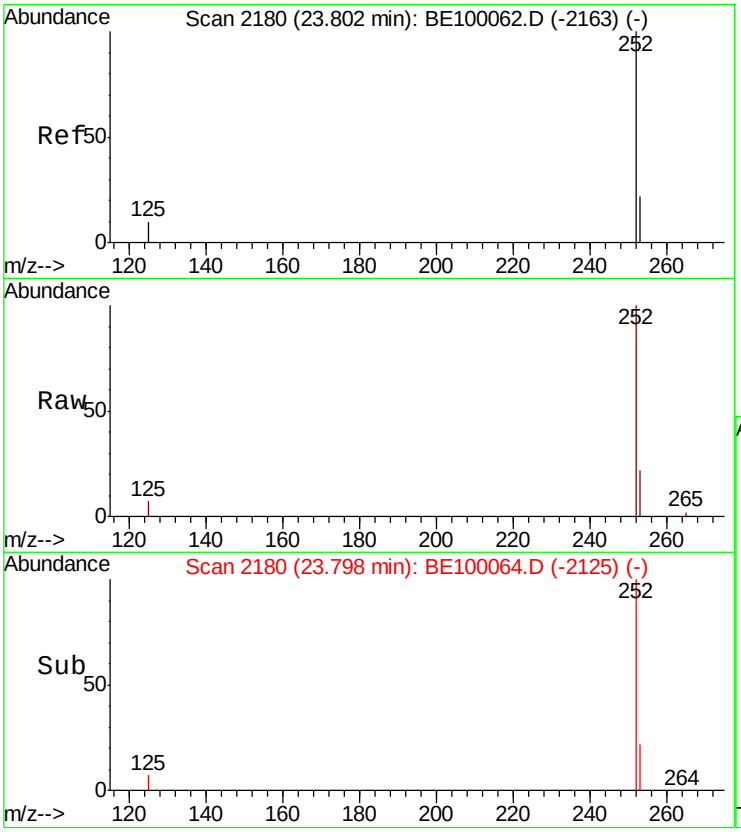


#36
Benzo(k)fluoranthene
Concen: 1.715 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:252 Resp: 47628

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.3	28.9
125	5.9	5.6	8.4



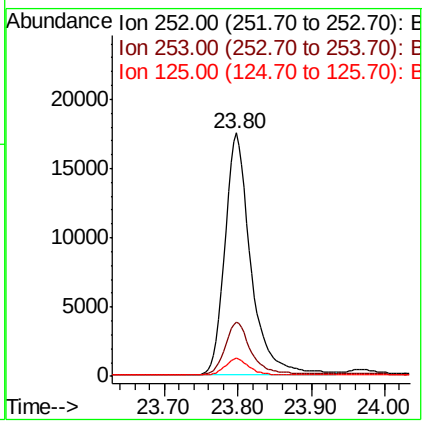


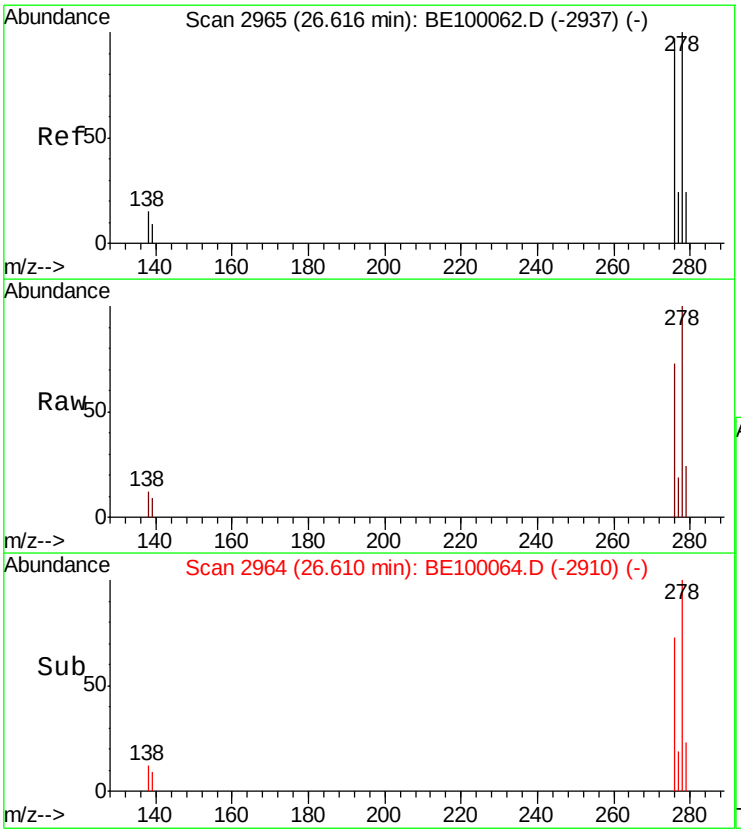
#37
Benzo(a)pyrene
Concen: 1.654 ng
RT: 23.80 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 43252

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.0	30.0
125	7.4	9.6	14.4#

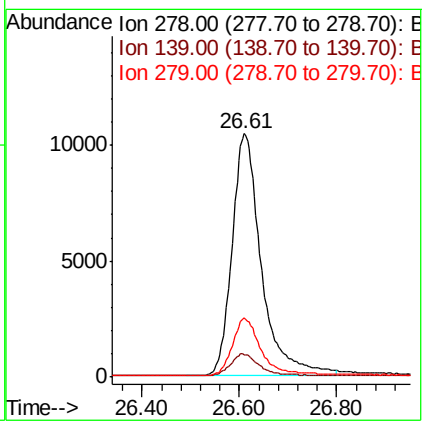


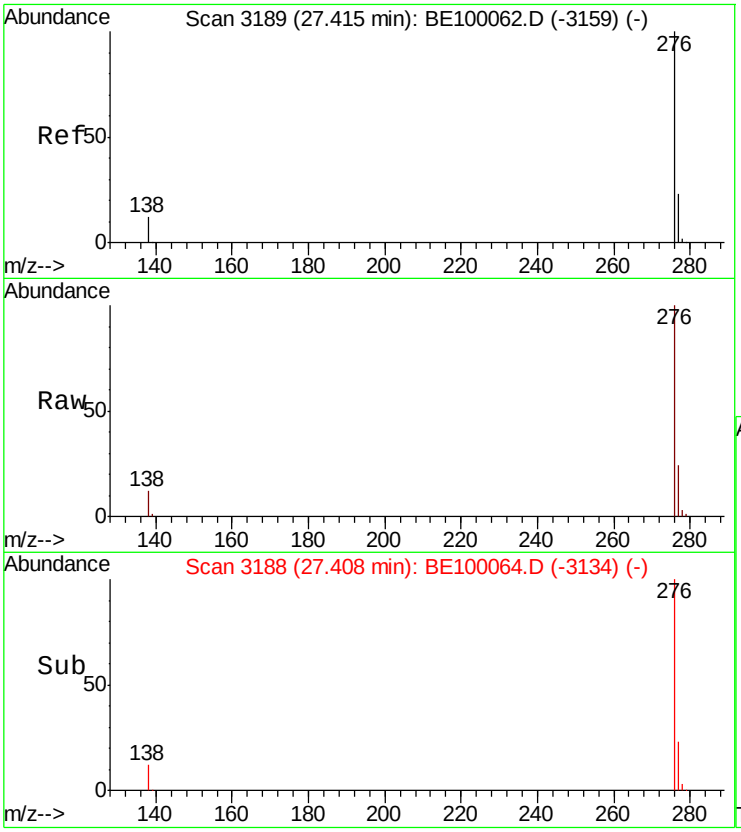


#38
Dibenzo(a,h)anthracene
Concen: 1.673 ng
RT: 26.61 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:278 Resp: 44063

Ion	Ratio	Lower	Upper
278	100		
139	9.1	9.2	13.8#
279	24.1	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 1.661 ng
RT: 27.41 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 45194

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	12.1	11.0	16.6