Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100063.D
Acq On : 17 Jun 2019 13:08
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 17 13:48:30 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	706	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	2291	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	1718	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	5315	0.40	ng		0.00
27) Chrysene-d12	21.39	240	9156	0.40	ng		0.00
34) Perylene-d12	23.92	264	10279	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	1448	0.76	ng		0.00
5) Phenol-d6	6.95	99	1769	0.72	ng		-0.01
8) Nitrobenzene-d5	8.95	82	1895	0.87	ng		-0.01
11) 2-Methylnaphthalene-d10	12.19	152	3412	0.85	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	777	0.61	ng		-0.01
15) 2-Fluorobiphenyl	13.09	172	5512	0.85	ng		0.00
25) Fluoranthene-d10	19.24	212	61256	0.79	ng		0.00
29) Terphenyl-d14	19.84	244	12009	0.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	894	0.856	ng		93
3) n-Nitrosodimethylamine	3.60	42	352	0.584	ng	#	100
6) bis(2-Chloroethyl)ether	7.21	93	1583	0.789	ng		95
9) Naphthalene	10.63	128	20993	0.849	ng		99
10) Hexachlorobutadiene	10.90	225	1836	0.973	ng		97
12) 2-Methylnaphthalene	12.27	142	3399	0.846	ng		97
16) Acenaphthylene	14.18	152	7204	0.843	ng		98
17) Acenaphthene	14.51	154	3903	0.838	ng		99
18) Fluorene	15.50	166	5835	0.835	ng		99
20) 4-Bromophenyl-phenylether	16.40	248	2619	0.870	ng	#	82
21) Hexachlorobenzene	16.51	284	2690	0.874	ng		99
22) Pentachlorophenol	16.89	266	643	0.667	ng	#	85
23) Phenanthrene	17.24	178	10748	0.833	ng		100
24) Anthracene	17.34	178	9468	0.801	ng		99
26) Fluoranthene	19.27	202	17483	0.798	ng		99
28) Pyrene	19.63	202	17893	0.744	ng		100
30) Benzo(a)anthracene	21.38	228	21733	0.794	ng		98
31) Chrysene	21.43	228	24125	0.853	ng		100
32) Bis(2-ethylhexyl)phthalate	21.28	149	27423	0.698	ng		100
33) Indeno(1,2,3-cd)pyrene	26.58	276	30156	0.899	ng		98
35) Benzo(b)fluoranthene	23.14	252	24300	0.844	ng	#	96
36) Benzo(k)fluoranthene	23.19	252	26052	0.865	ng		97
37) Benzo(a)pyrene	23.80	252	23971	0.845	ng	#	96
38) Dibenzo(a,h)anthracene	26.61	278	23966	0.839	ng		97
39) Benzo(g,h,i)perylene	27.40	276	25126	0.851	ng		99

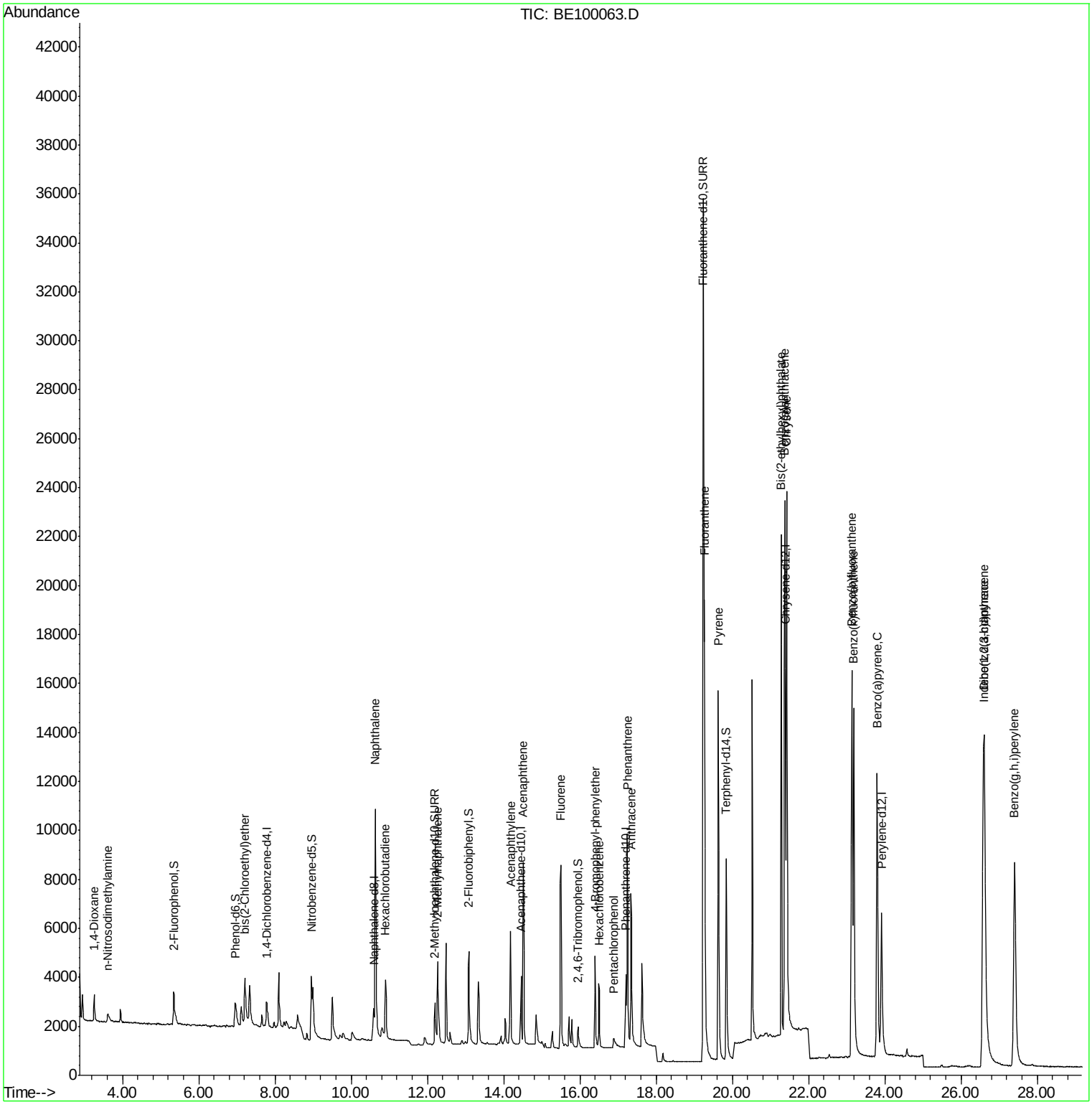
(#) = qualifier out of range (m) = manual integration (+) = signals summed

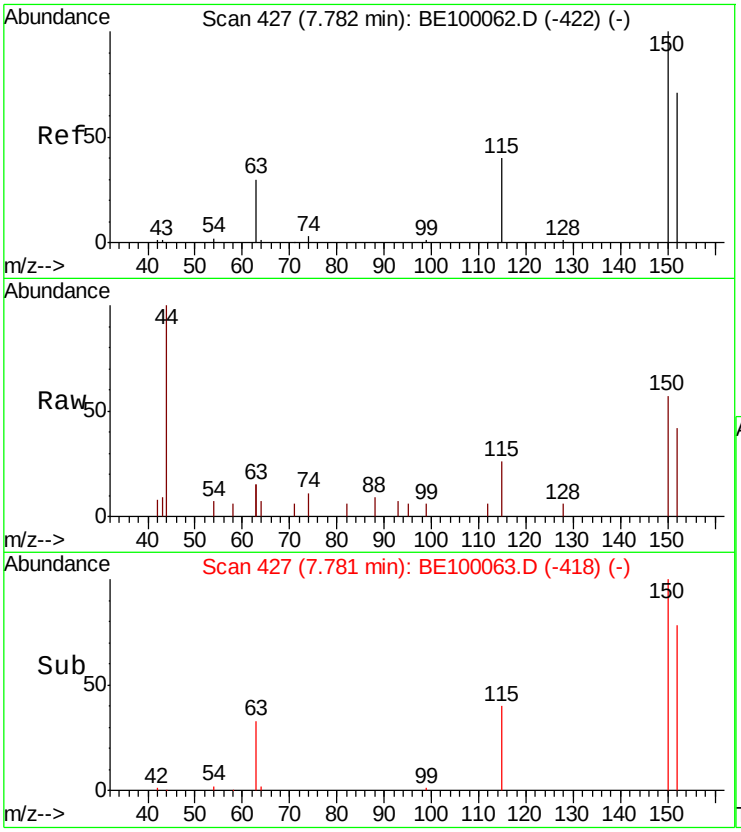
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100063.D
Acq On : 17 Jun 2019 13:08
Operator : JU/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 17 13:48:30 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



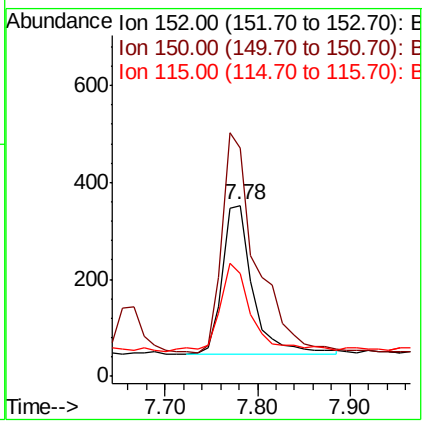


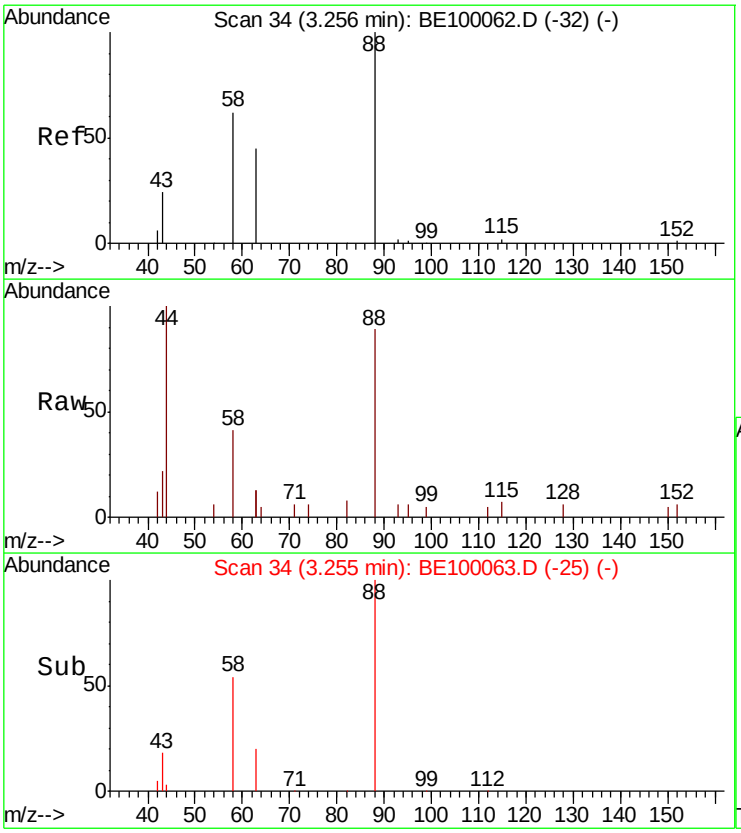
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 706

Ion	Ratio	Lower	Upper
152	100		
150	134.1	109.5	164.3
115	60.5	52.6	78.8

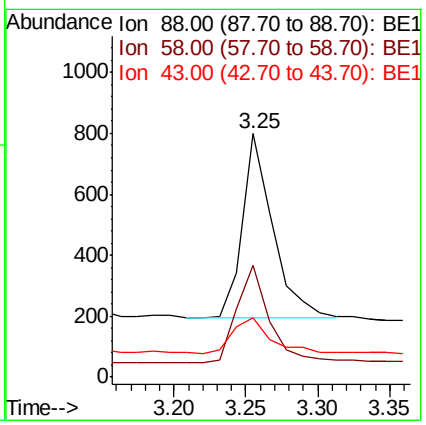


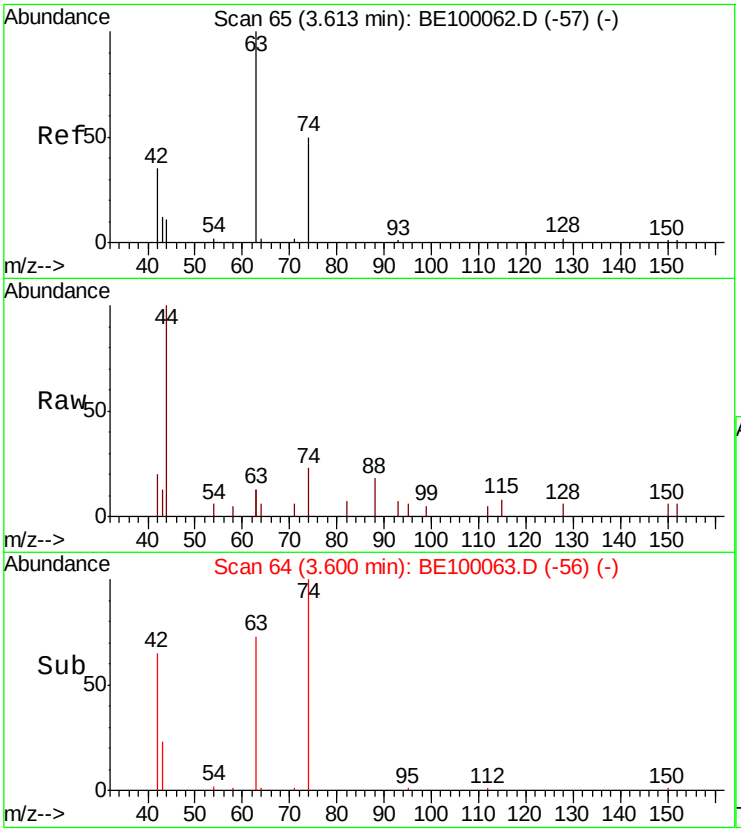


#2
1,4-Dioxane
Concen: 0.856 ng
RT: 3.25 min Scan# 34
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion: 88 Resp: 894

Ion	Ratio	Lower	Upper
88	100		
58	57.2	41.9	62.9
43	22.7	15.8	23.8



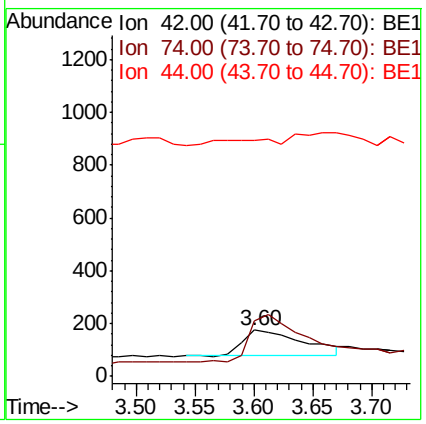


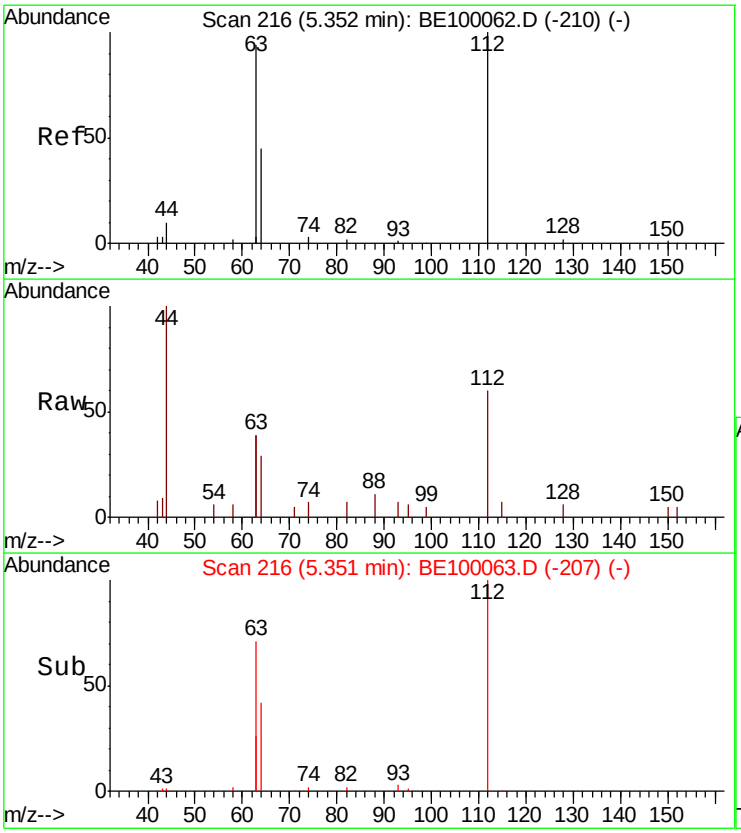
#3
n-Nitrosodimethylamine
Concen: 0.584 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 352

Ion	Ratio	Lower	Upper
42	100		
74	168.2	0.0	0.0#
44	0.0	0.0	0.0

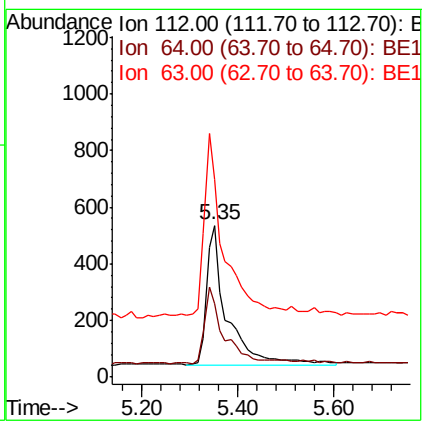


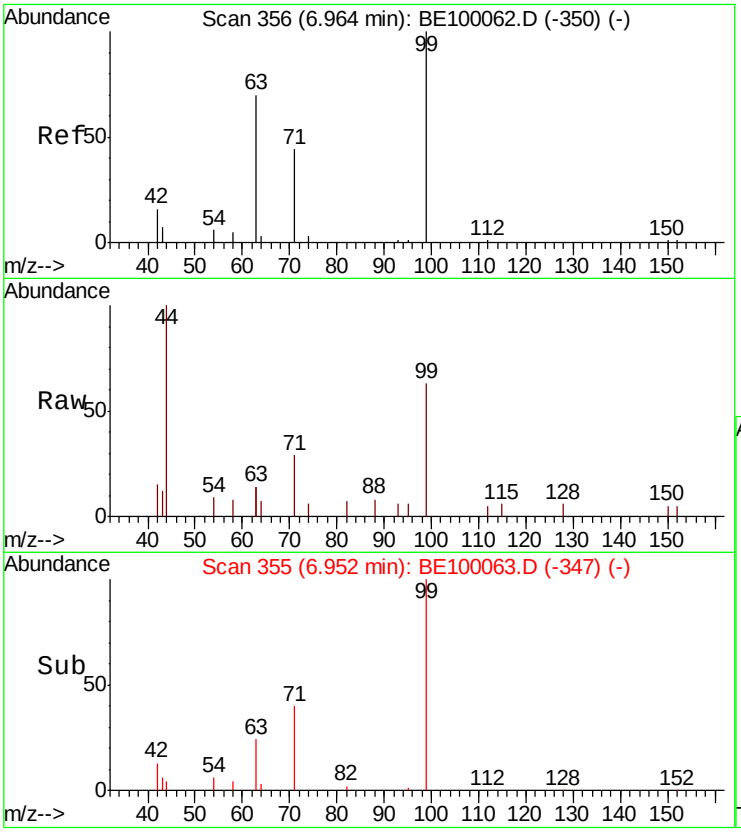


#4
2-Fluorophenol
Concen: 0.760 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:112 Resp: 1448

Ion	Ratio	Lower	Upper
112	100		
64	49.5	39.6	59.4
63	120.6	113.0	169.4



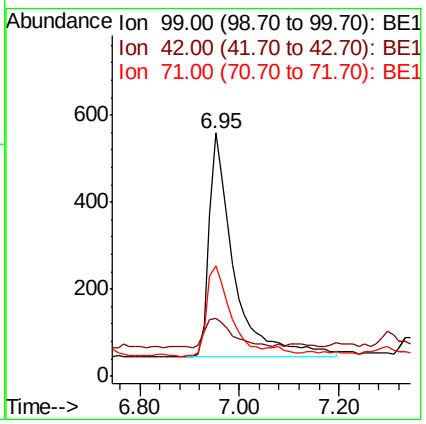


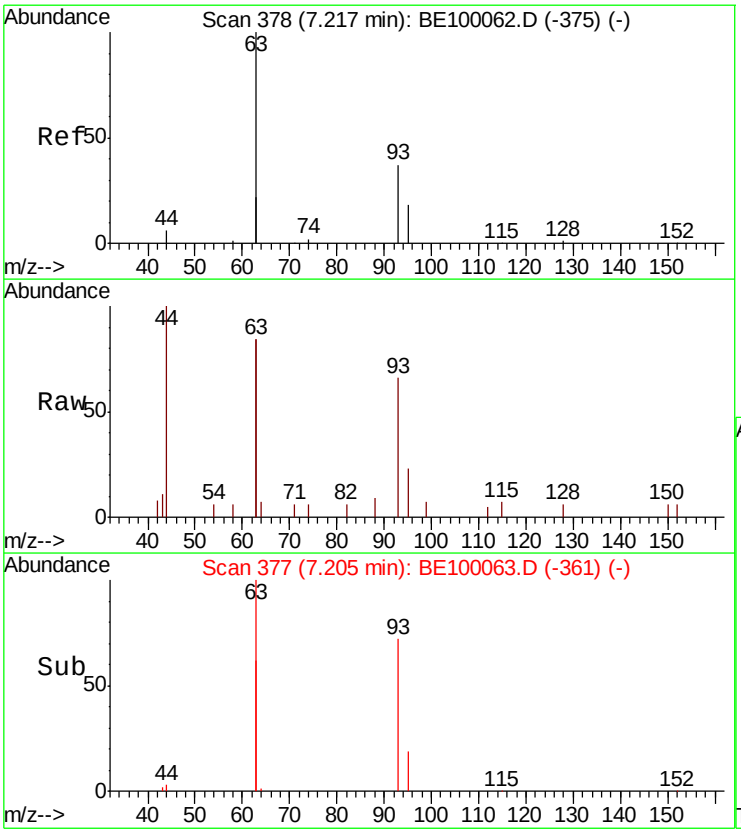
#5
Phenol-d6
Concen: 0.721 ng
RT: 6.95 min Scan# 355
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1769

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.4	17.2
71	39.6	32.8	49.2

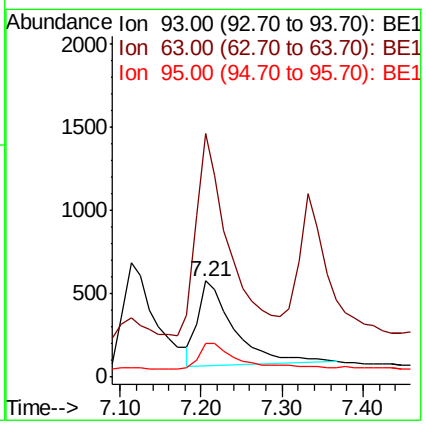


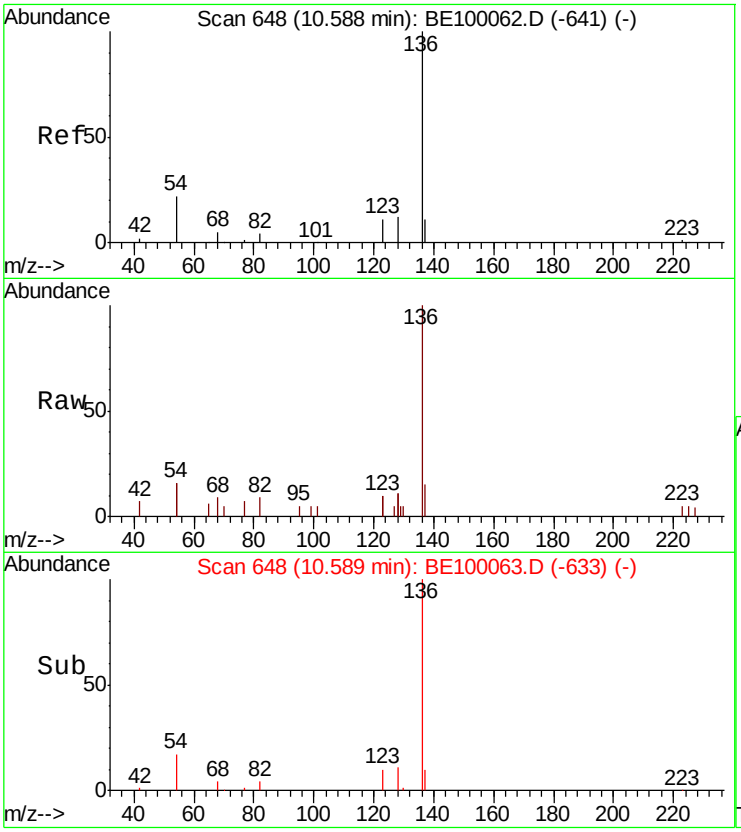


#6
bis(2-Chloroethyl)ether
Concen: 0.789 ng
RT: 7.21 min Scan# 377
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion: 93 Resp: 1583

Ion	Ratio	Lower	Upper
93	100		
63	214.7	165.0	247.6
95	32.9	26.5	39.7



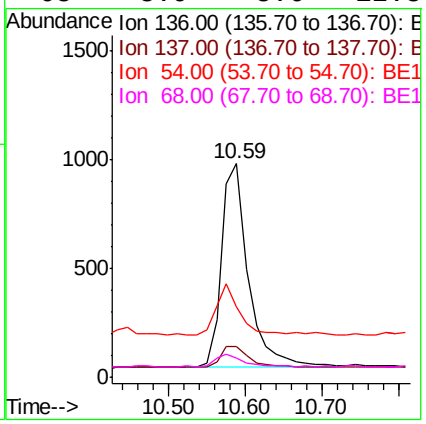


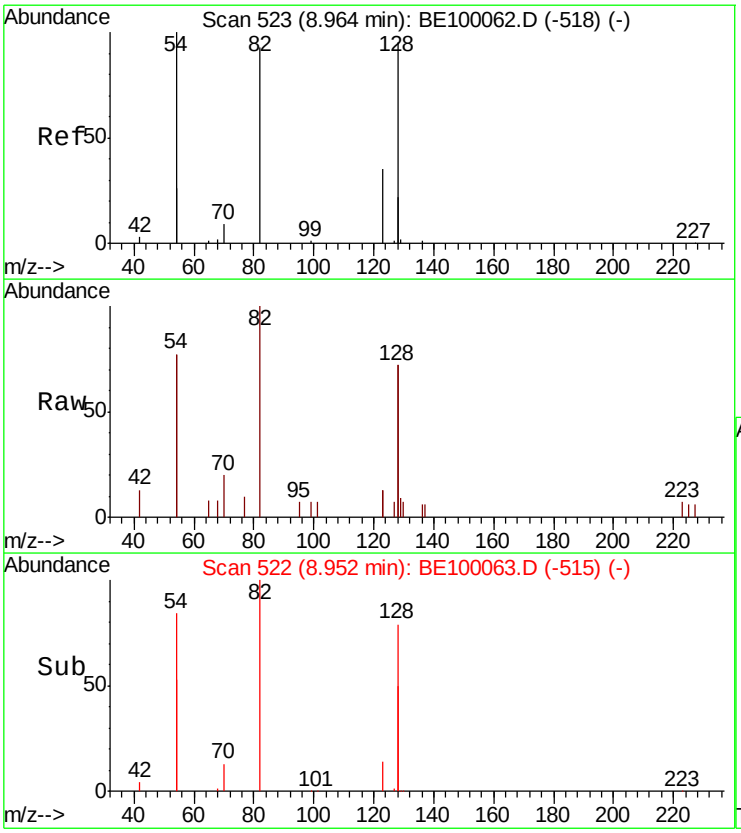
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 2291

Ion	Ratio	Lower	Upper
136	100		
137	14.7	12.6	19.0
54	33.0	33.0	49.6#
68	8.9	8.6	12.8

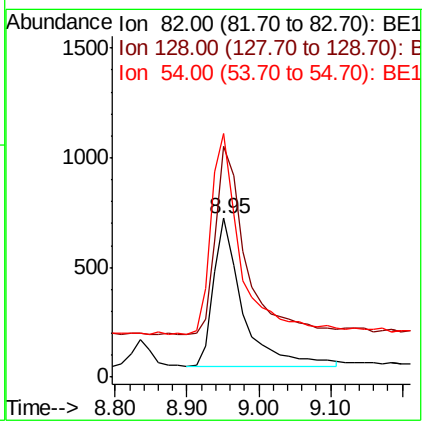


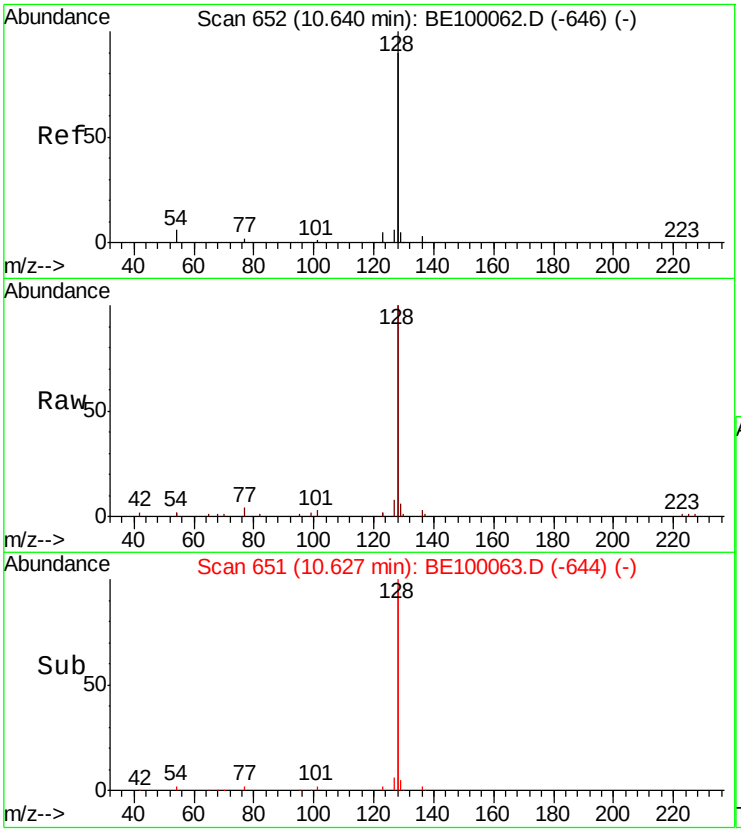


#8
Nitrobenzene-d5
Concen: 0.874 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion: 82 Resp: 1895

Ion	Ratio	Lower	Upper
82	100		
128	144.8	134.6	201.8
54	153.1	141.6	212.4



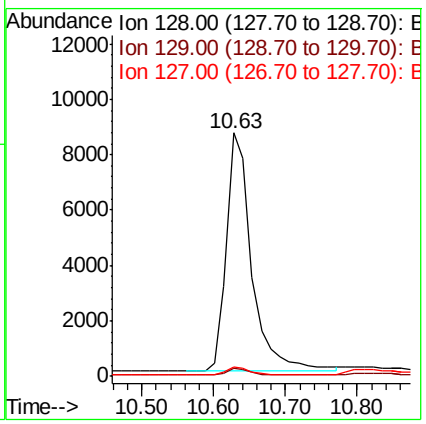


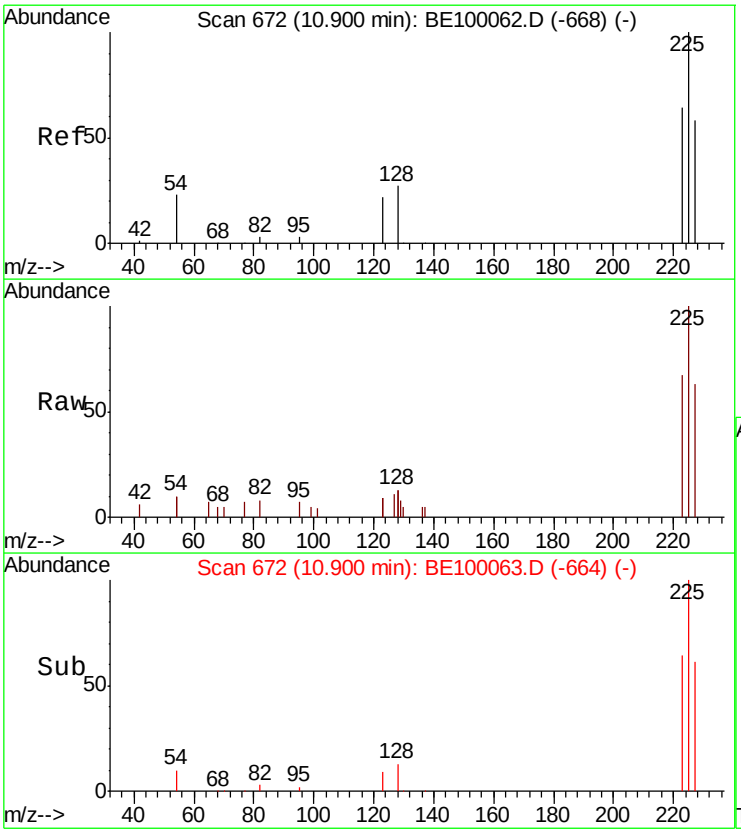
#9
Naphthalene
Concen: 0.849 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 20993

Ion	Ratio	Lower	Upper
128	100		
129	3.2	3.0	4.4
127	3.8	3.4	5.0

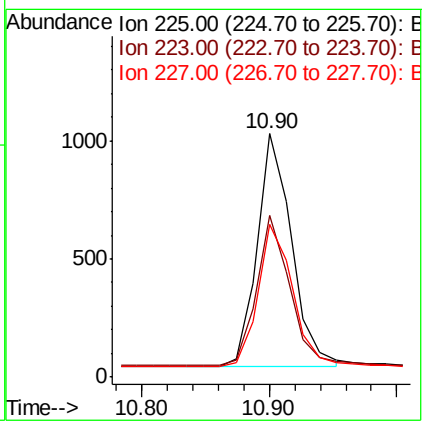


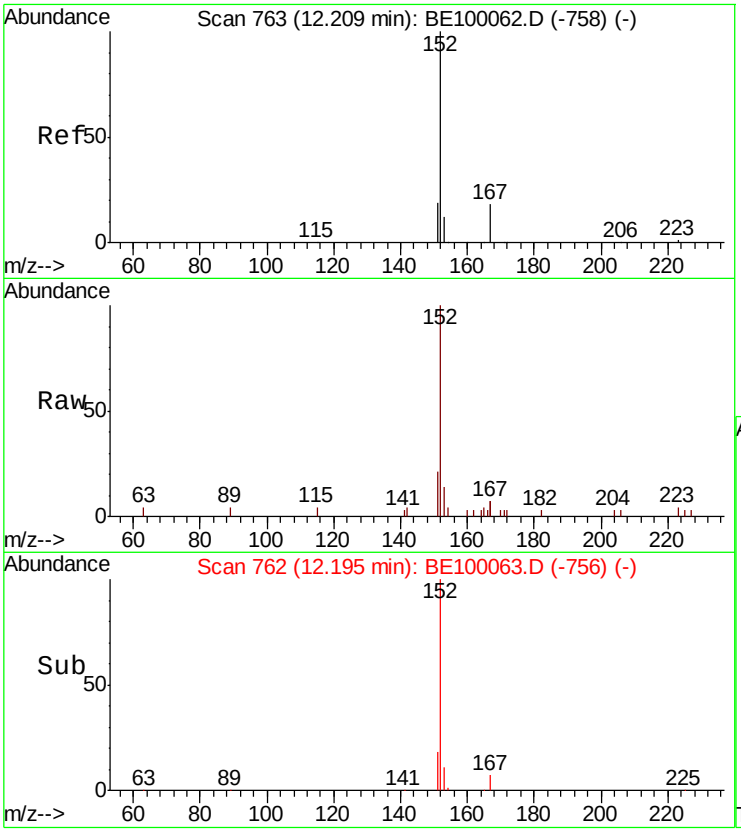


#10
Hexachlorobutadiene
Concen: 0.973 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:225 Resp: 1836

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.1	76.7
227	62.1	51.9	77.9



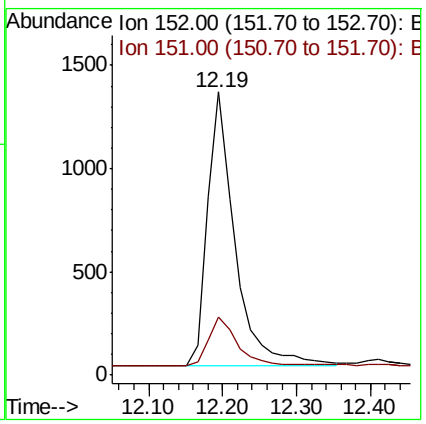


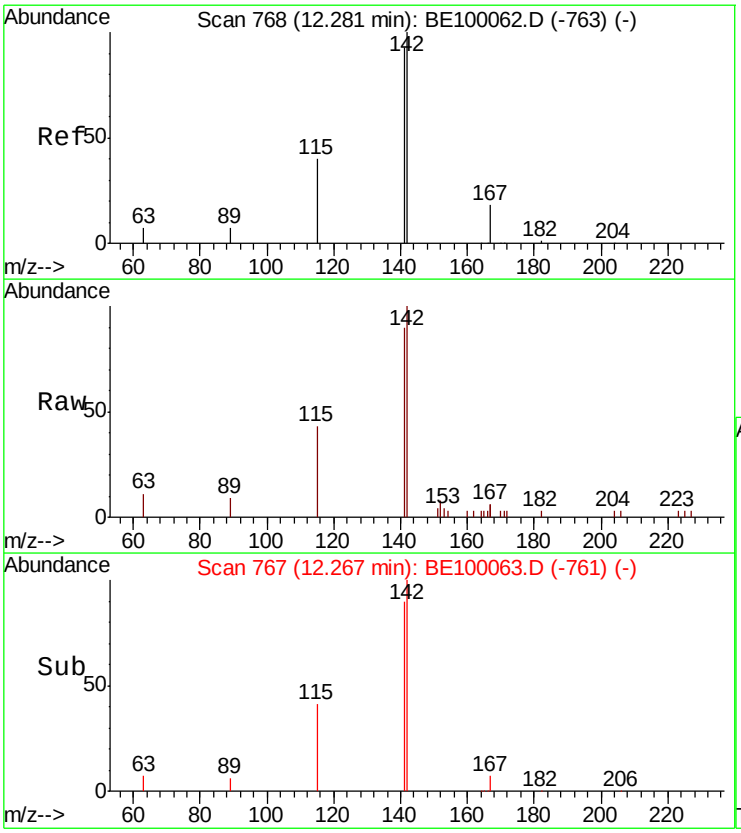
#11
2-Methylnaphthalene-d10
Concen: 0.854 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 3412

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

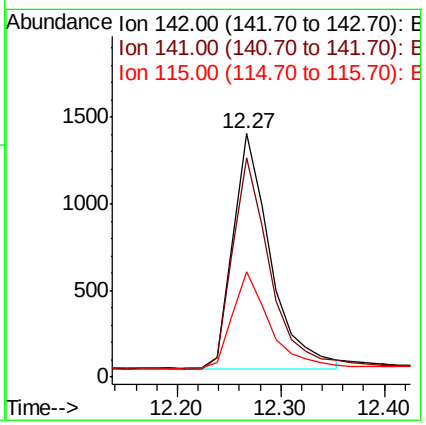


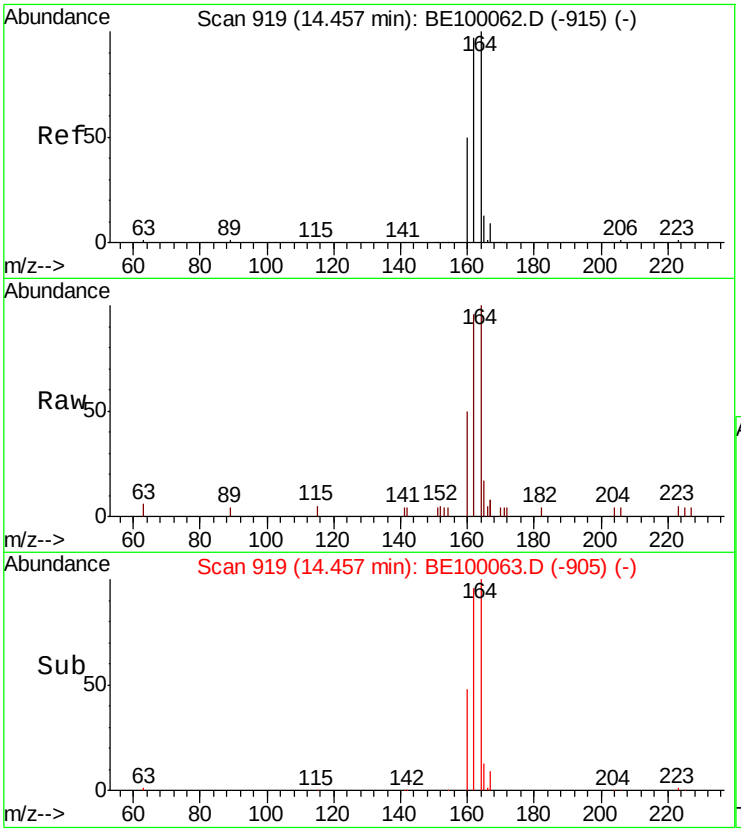


#12
2-Methylnaphthalene
Concen: 0.846 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:142 Resp: 3399

Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.2	111.4
115	43.4	36.5	54.7



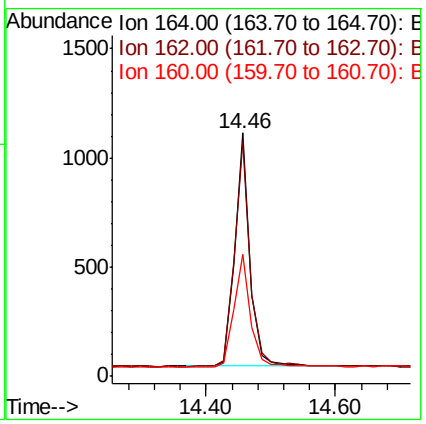


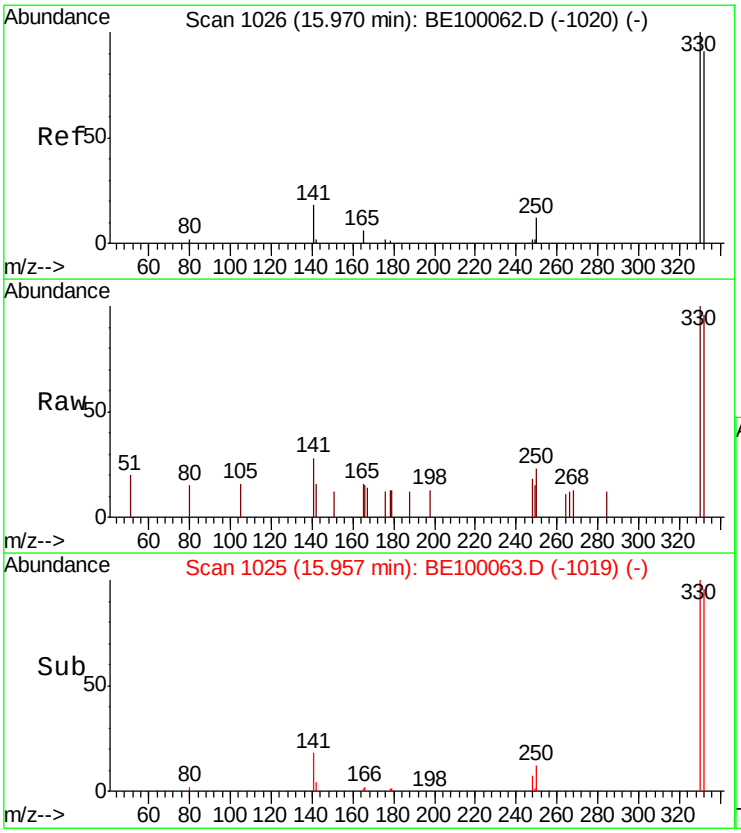
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 1718

Ion	Ratio	Lower	Upper
164	100		
162	96.1	77.6	116.4
160	50.0	41.7	62.5

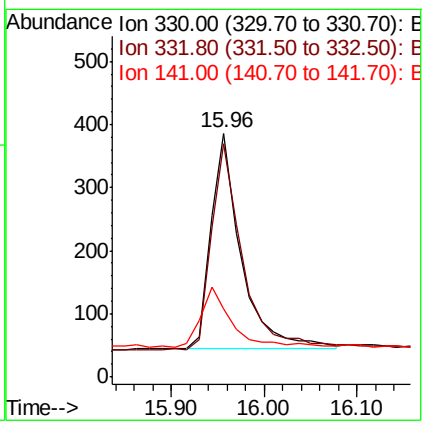


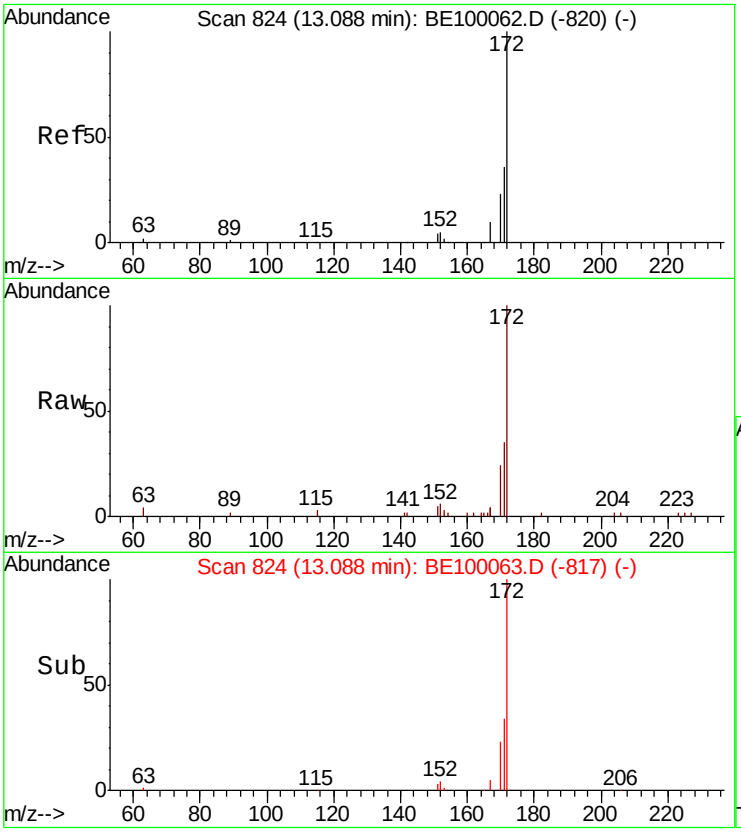


#14
2,4,6-Tribromophenol
Concen: 0.612 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:330 Resp: 777

Ion	Ratio	Lower	Upper
330	100		
332	102.2	74.7	112.1
141	28.6	20.3	30.5



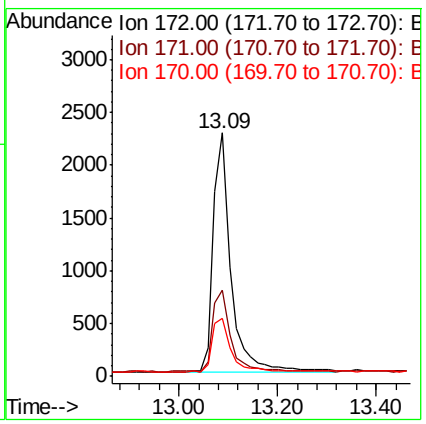


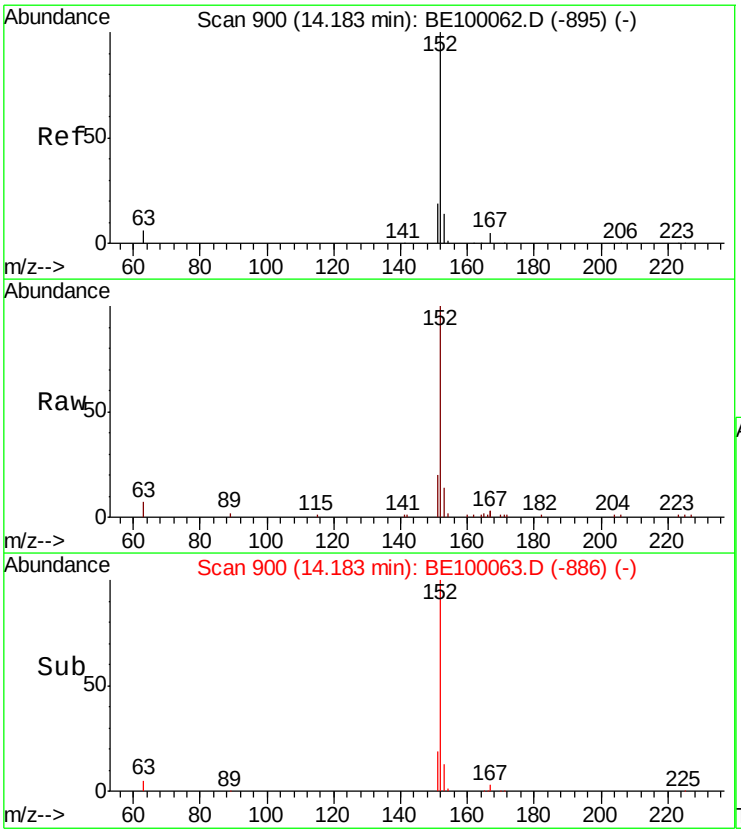
#15
2-Fluorobiphenyl
Concen: 0.846 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 5512

Ion	Ratio	Lower	Upper
172	100		
171	35.4	31.0	46.6
170	24.1	21.3	31.9

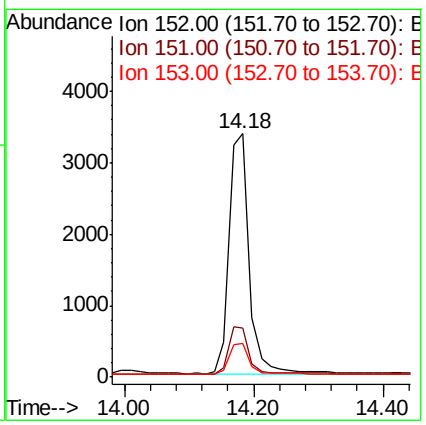


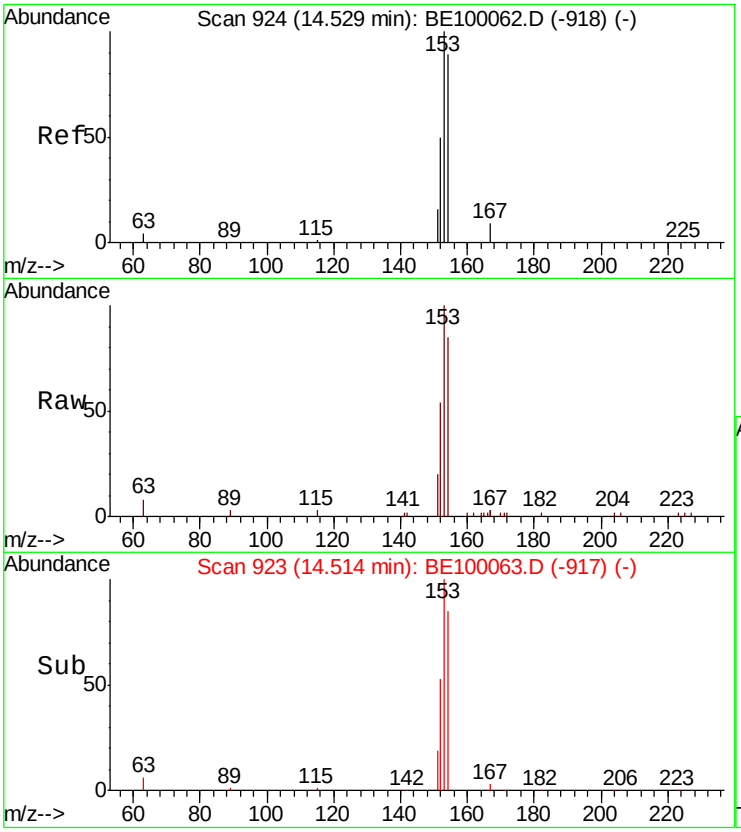


#16
Acenaphthylene
Concen: 0.843 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:152 Resp: 7204

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.9	11.1	16.7



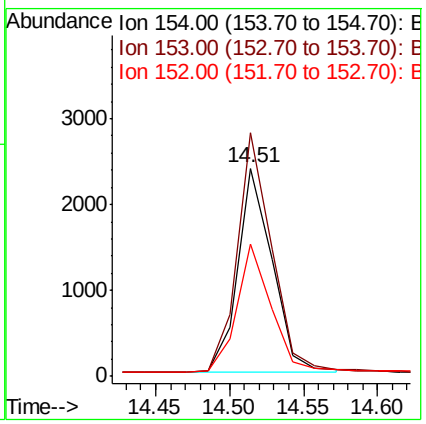


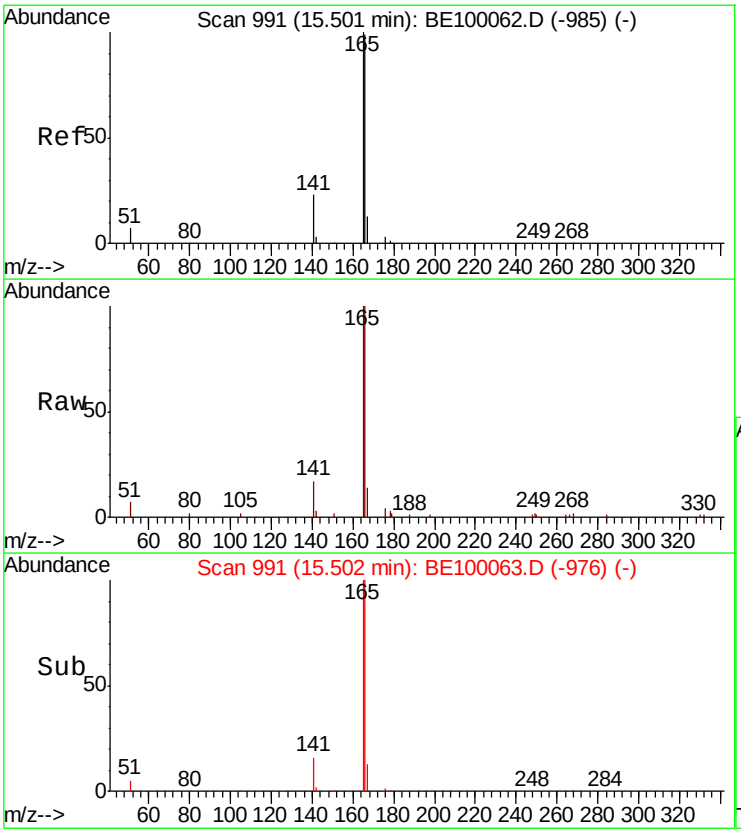
#17
Acenaphthene
Concen: 0.838 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 3903

Ion	Ratio	Lower	Upper
154	100		
153	116.3	94.3	141.5
152	61.8	49.0	73.6

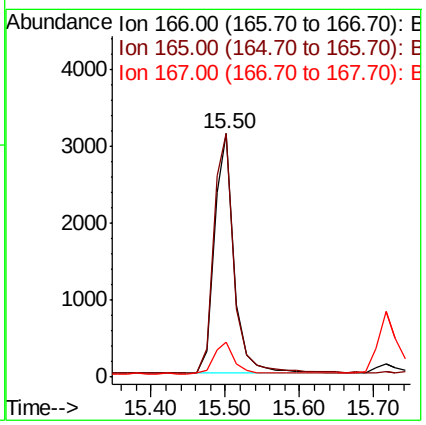


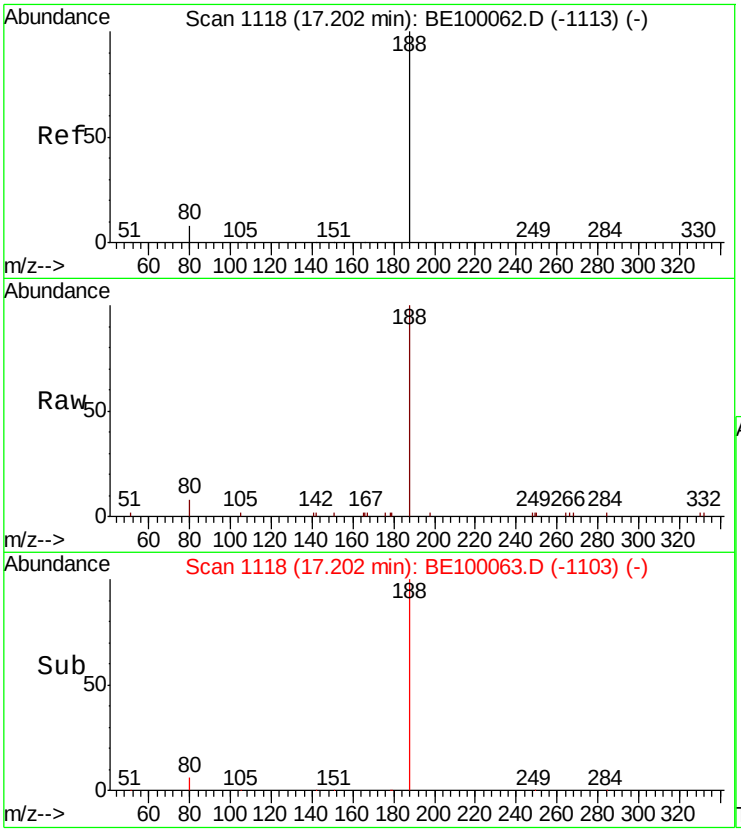


#18
Fluorene
Concen: 0.835 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:166 Resp: 5835

Ion	Ratio	Lower	Upper
166	100		
165	104.0	82.3	123.5
167	13.3	11.0	16.4



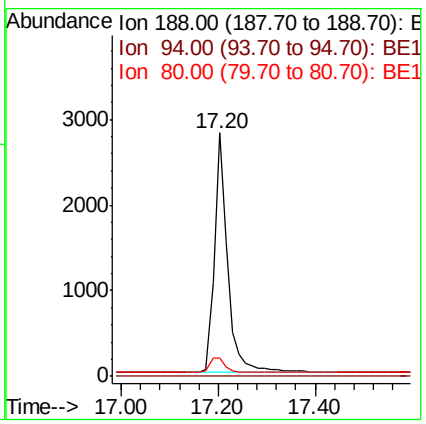


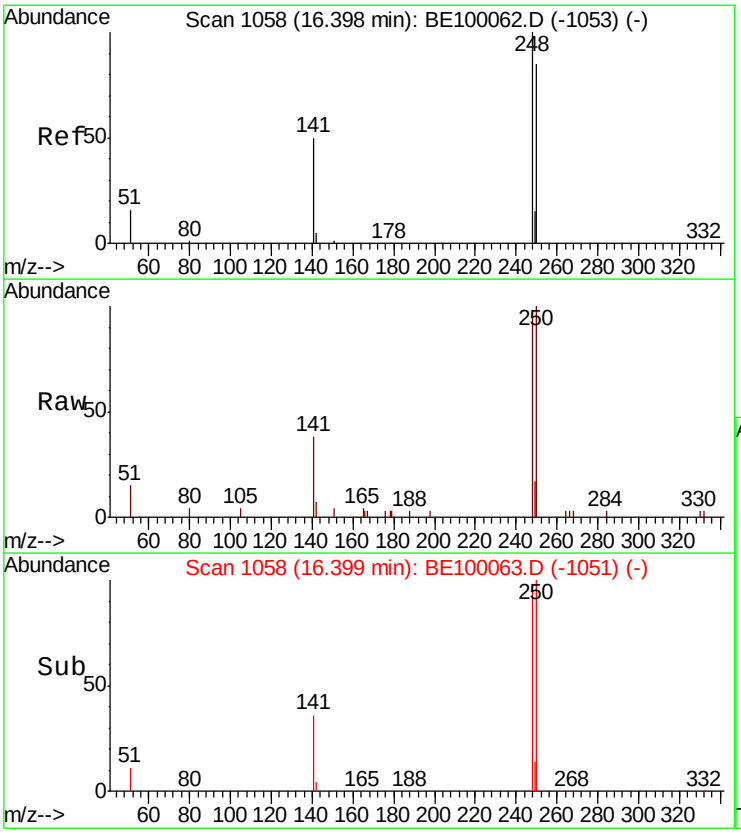
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 5315

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	8.2	12.4#

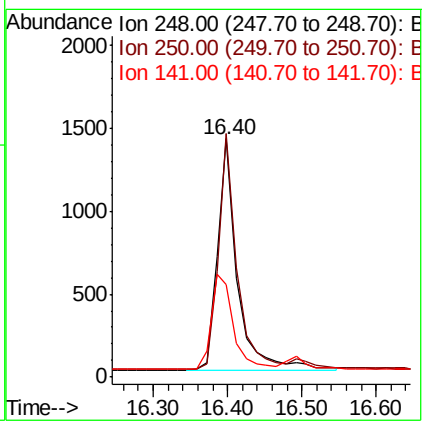


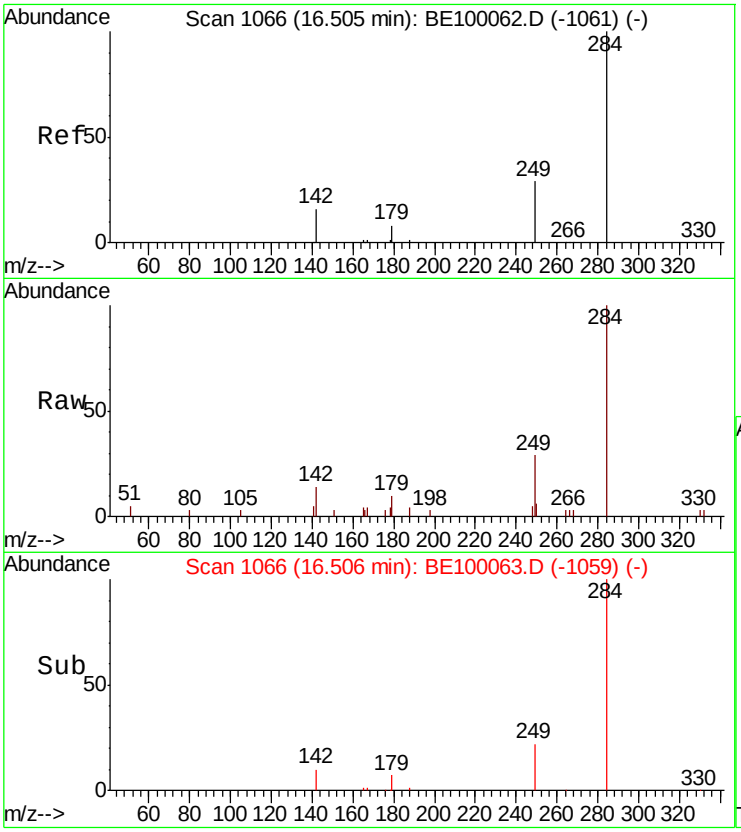


#20
4-Bromophenyl-phenylether
Concen: 0.870 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:248 Resp: 2619

Ion	Ratio	Lower	Upper
248	100		
250	102.1	69.8	104.8
141	39.1	43.0	64.6#



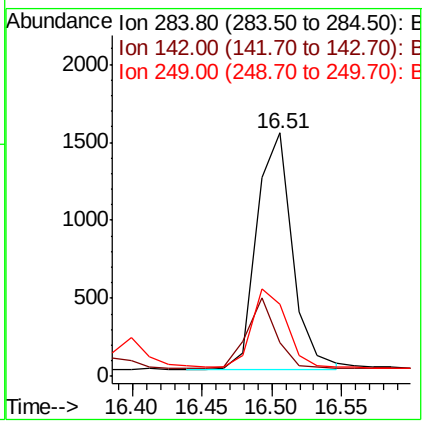


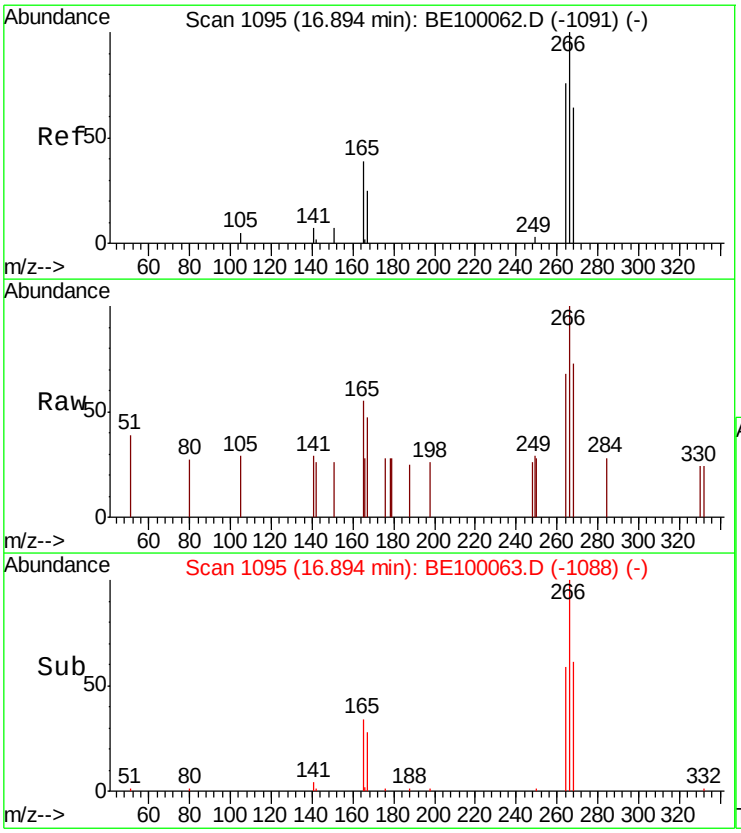
#21
Hexachlorobenzene
Concen: 0.874 ng
RT: 16.51 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 2690

Ion	Ratio	Lower	Upper
284	100		
142	24.8	20.3	30.5
249	31.4	25.3	37.9

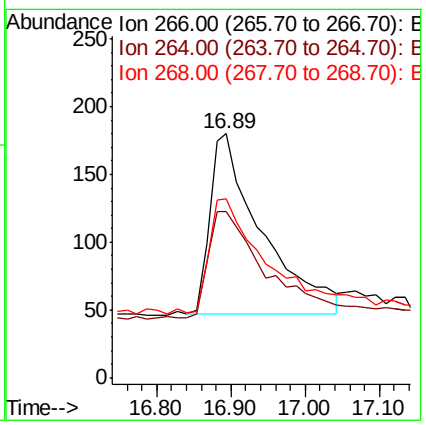


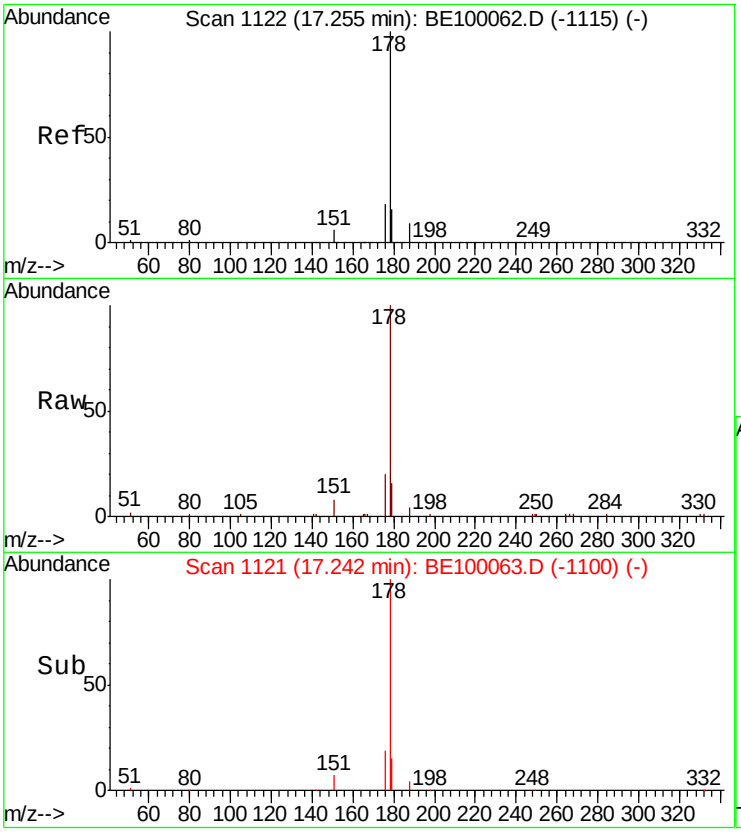


#22
Pentachlorophenol
Concen: 0.667 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:266 Resp: 643

Ion	Ratio	Lower	Upper
266	100		
264	68.3	68.6	102.8#
268	73.3	67.0	100.6



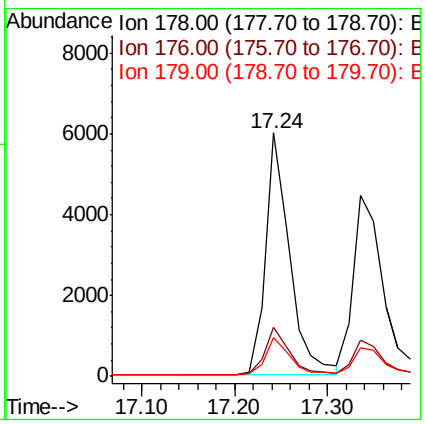


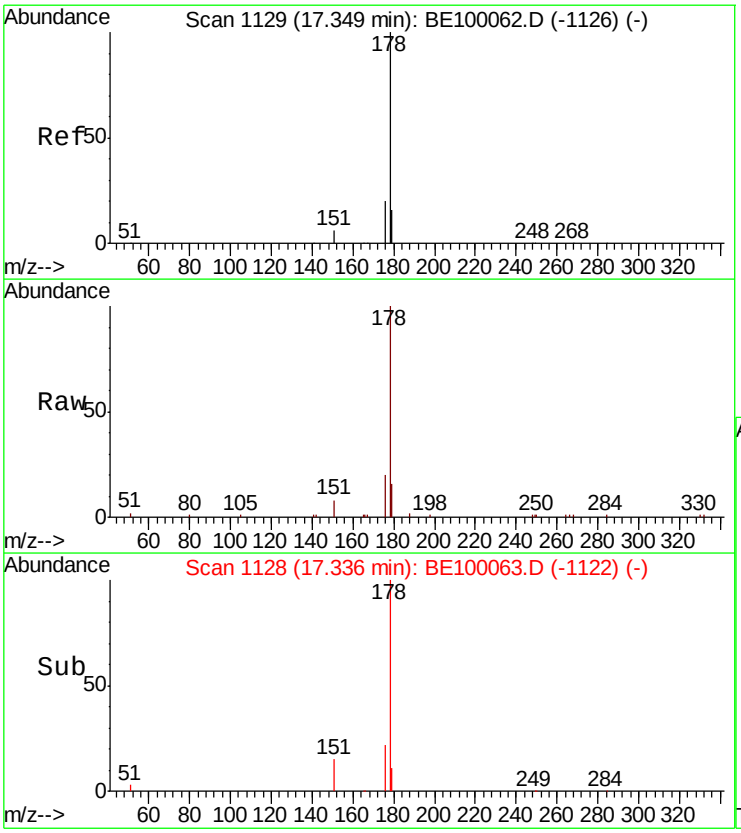
#23
Phenanthrene
Concen: 0.833 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 10748

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.5	12.4	18.6

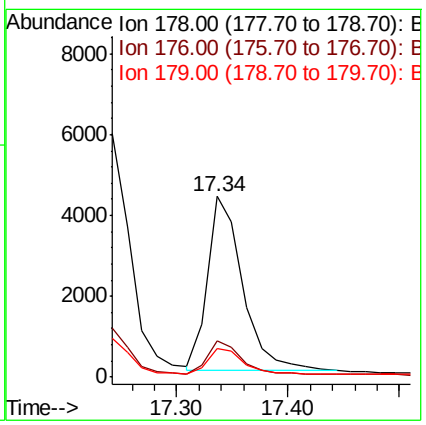


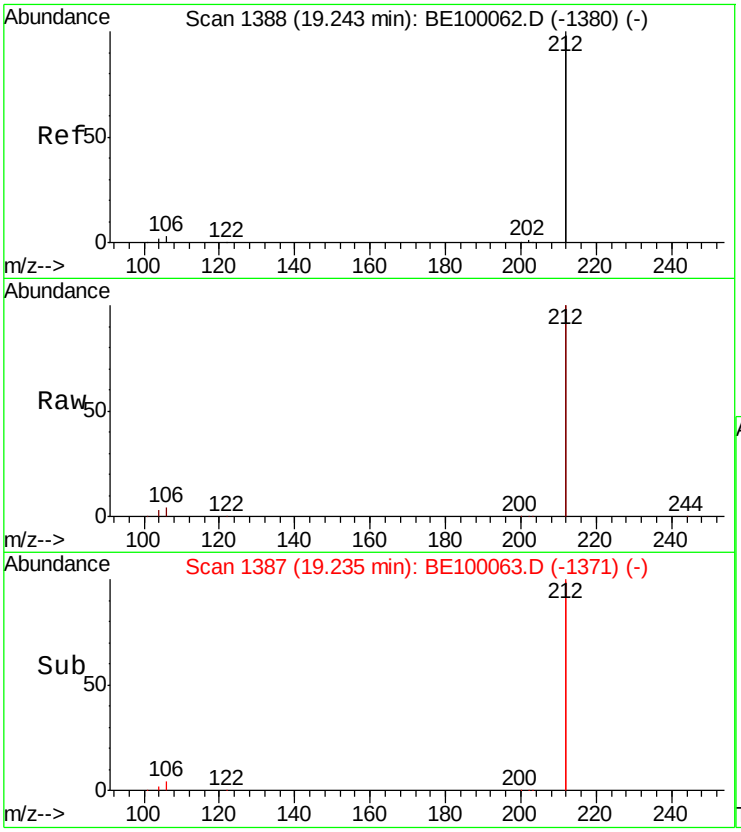


#24
Anthracene
Concen: 0.801 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:178 Resp: 9468

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.3	12.6	19.0



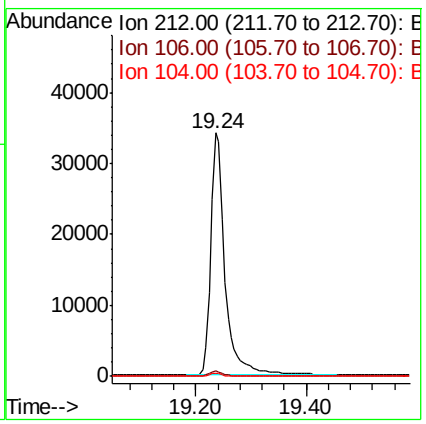


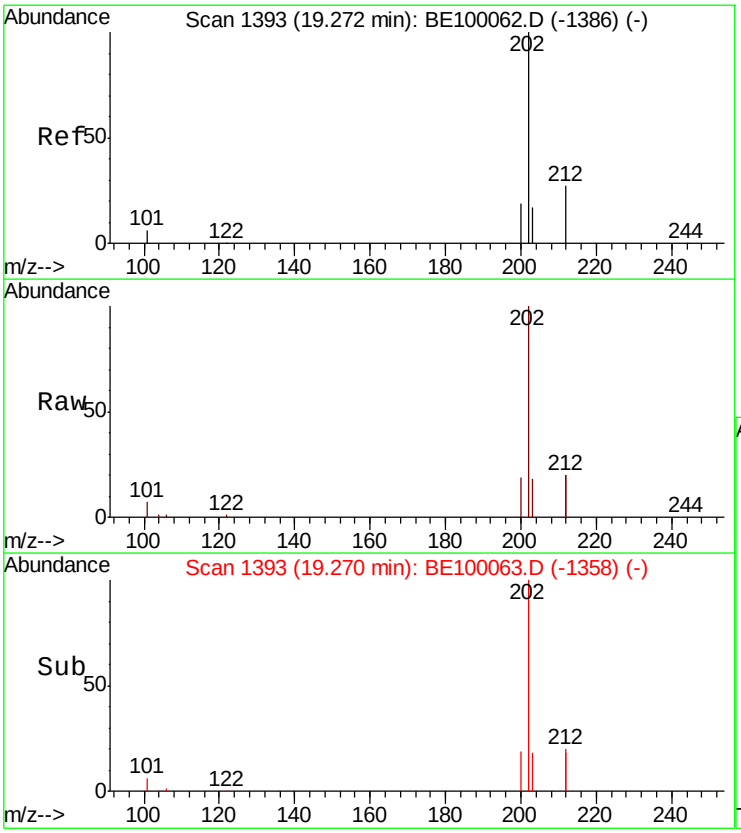
#25
Fluoranthene-d10
Concen: 0.791 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:212 Resp: 61256

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

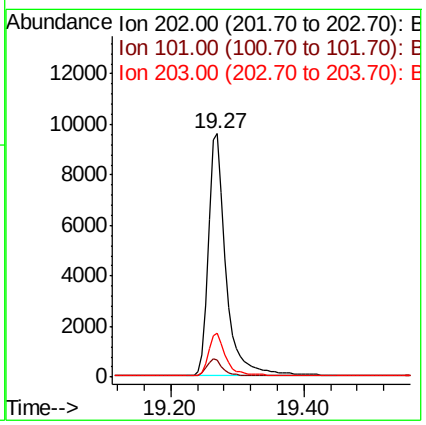


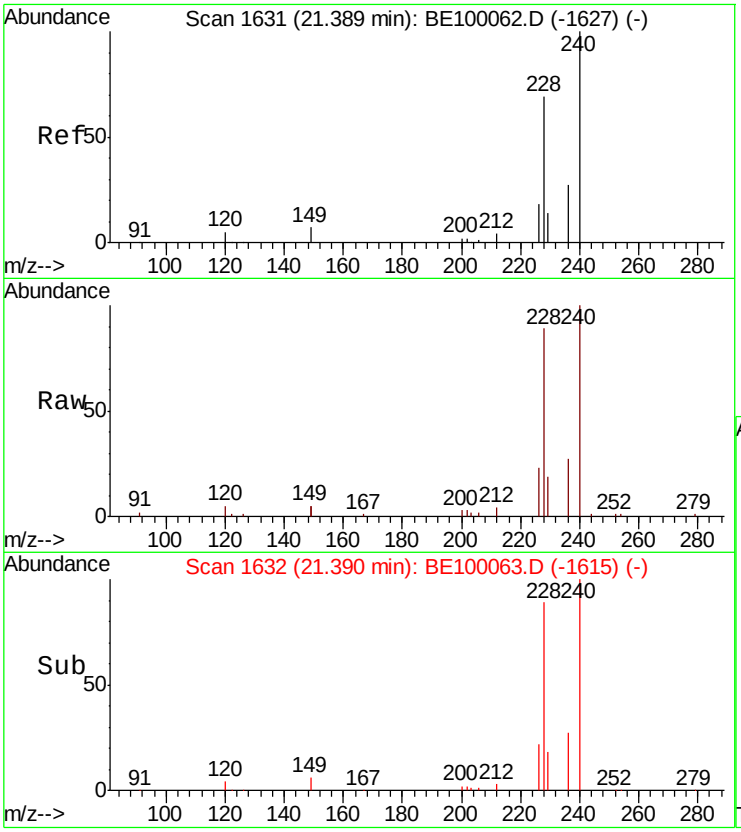


#26
Fluoranthene
Concen: 0.798 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:202 Resp: 17483

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.3	7.9
203	16.8	13.3	19.9



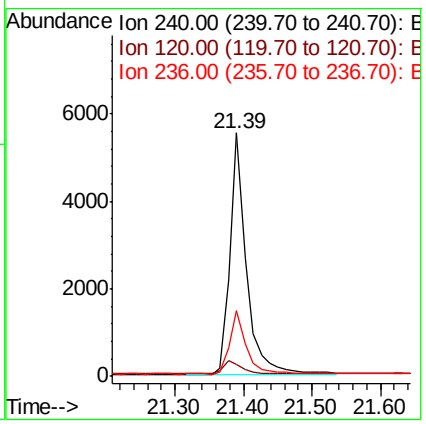


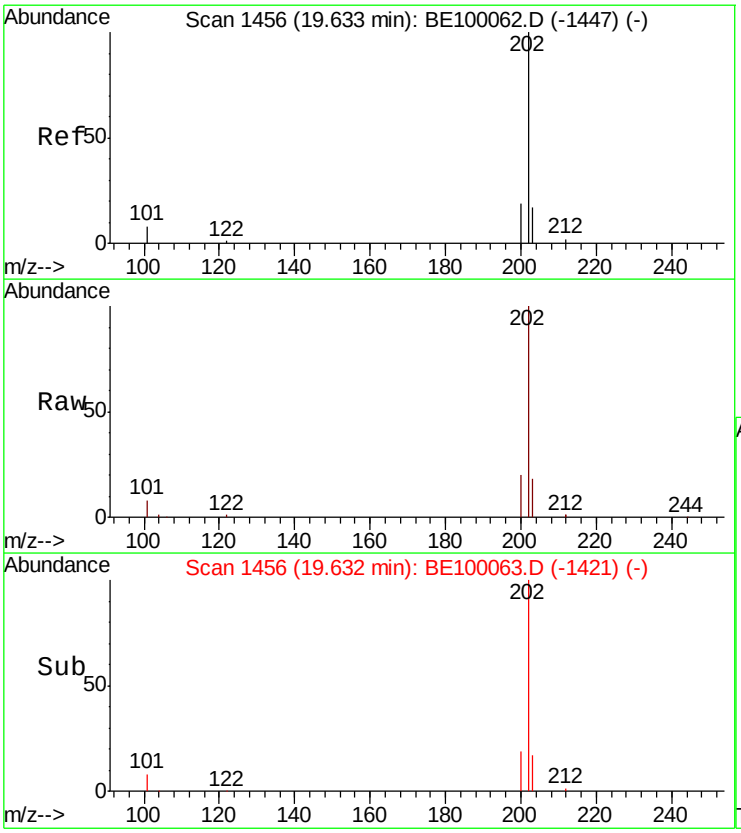
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 9156

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.4	8.0#
236	27.2	22.6	33.8

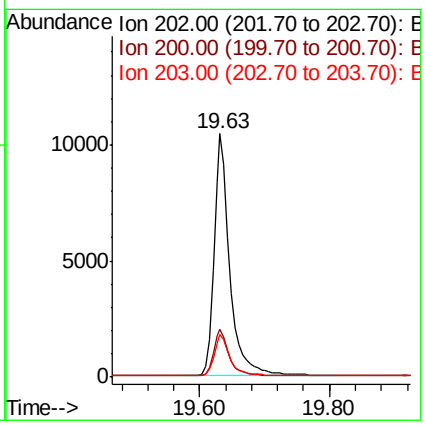


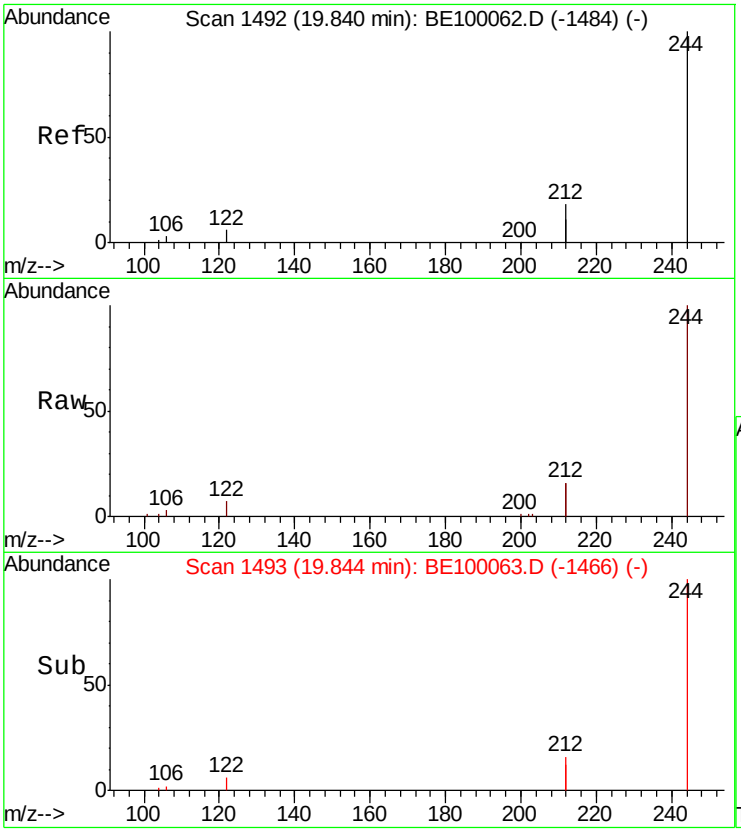


#28
Pyrene
Concen: 0.744 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:202 Resp: 17893

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.6	23.4
203	17.5	14.0	21.0



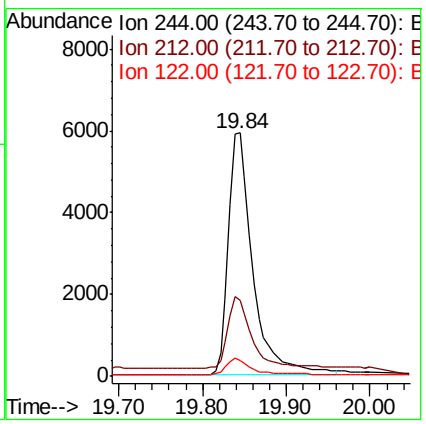


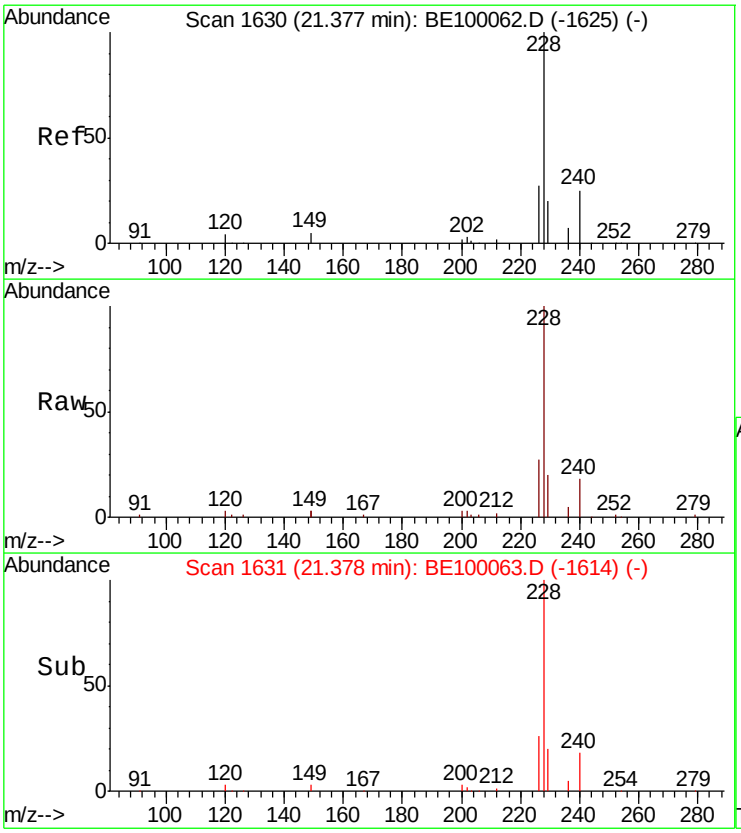
#29
Terphenyl-d14
Concen: 0.729 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 12009

Ion	Ratio	Lower	Upper
244	100		
212	31.2	27.9	41.9
122	6.5	5.8	8.6

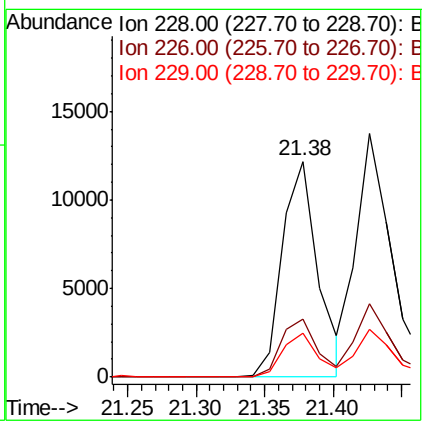


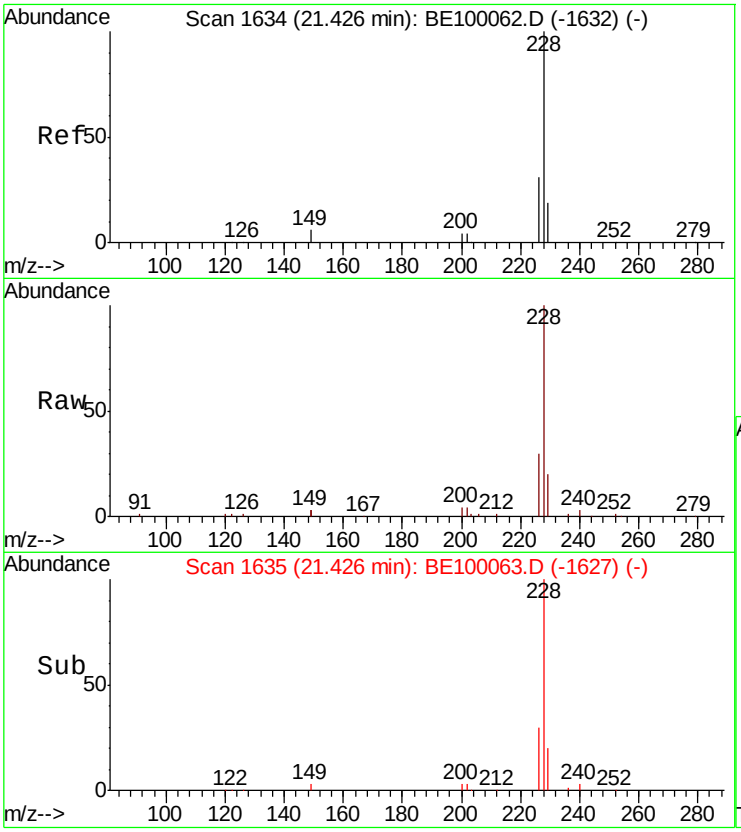


#30
Benzo(a)anthracene
Concen: 0.794 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:228 Resp: 21733

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	20.5	16.9	25.3



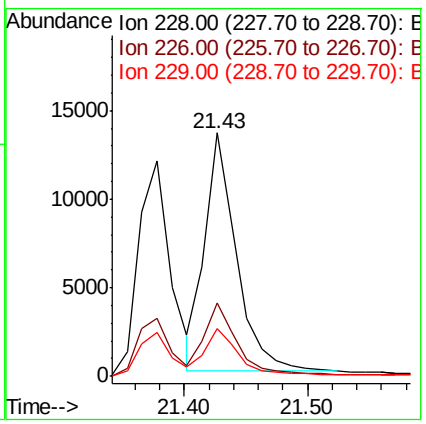


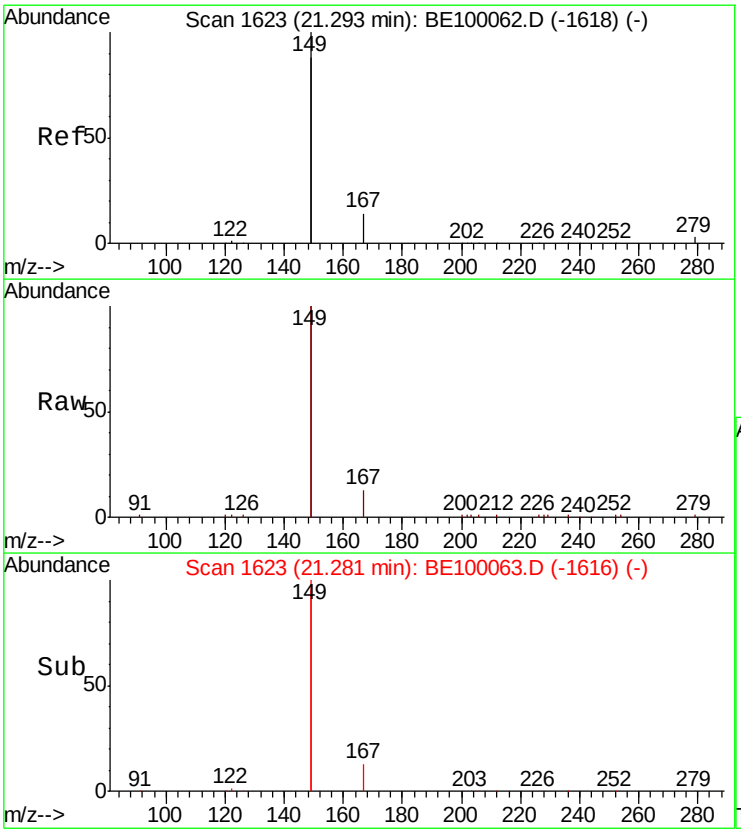
#31
Chrysene
Concen: 0.853 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 24125

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.9	15.8	23.8

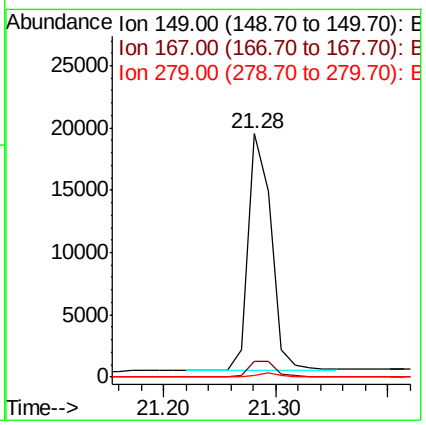


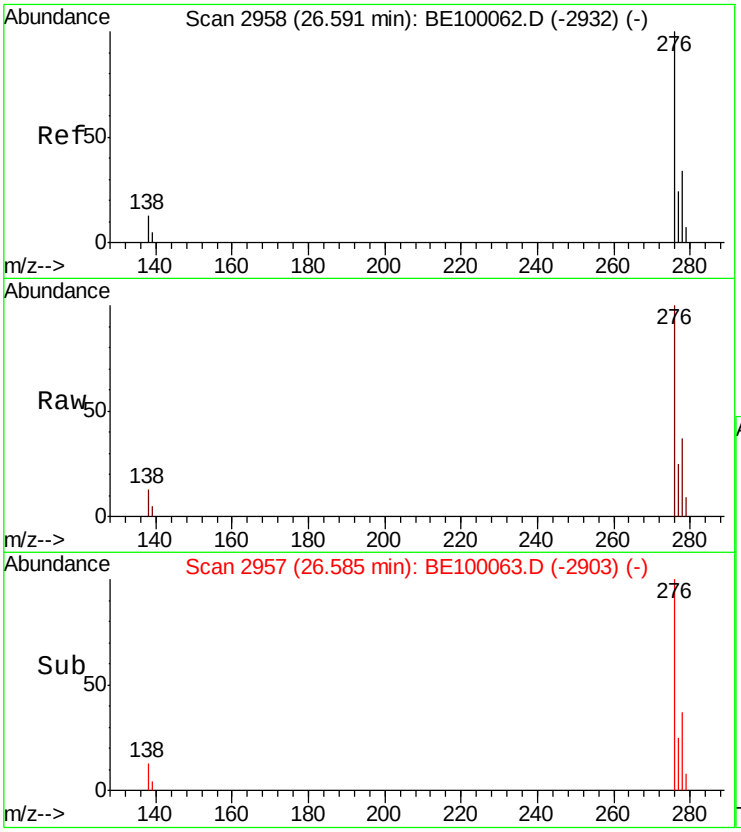


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.698 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:149 Resp: 27423

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.3	1.0	1.6



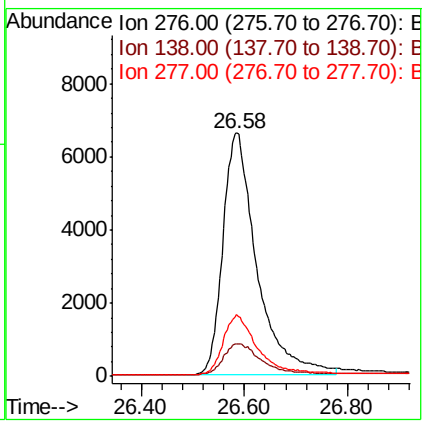


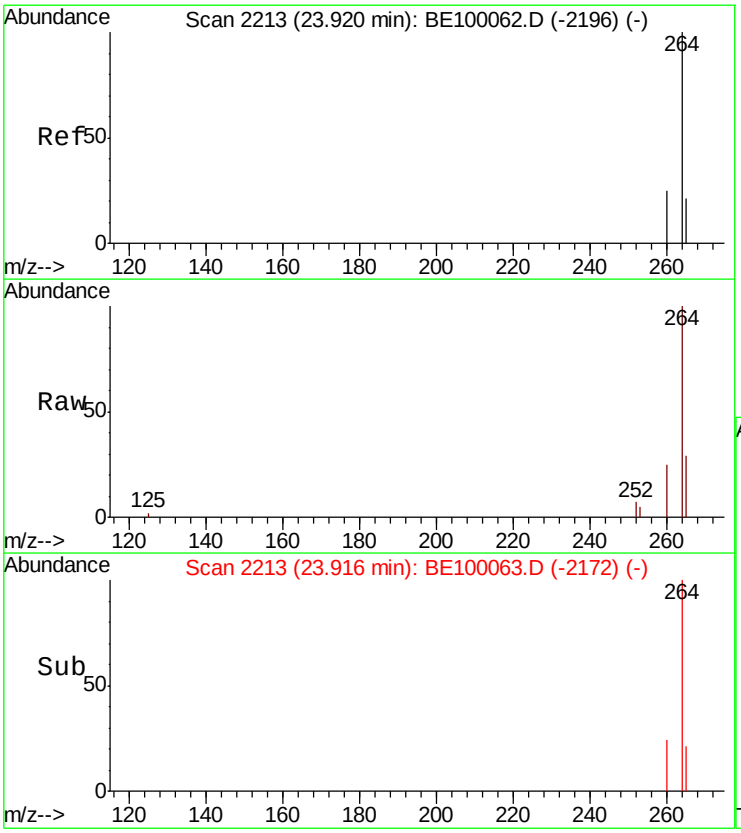
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.899 ng
RT: 26.58 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 30156

Ion	Ratio	Lower	Upper
276	100		
138	13.9	10.7	16.1
277	24.9	19.0	28.6

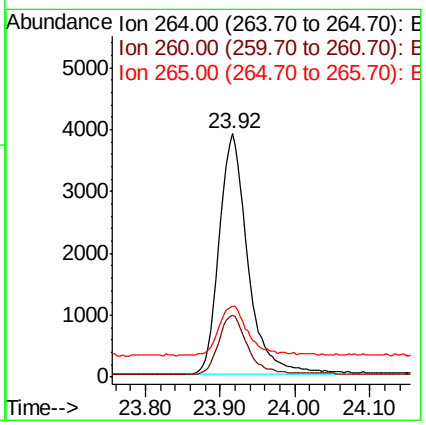


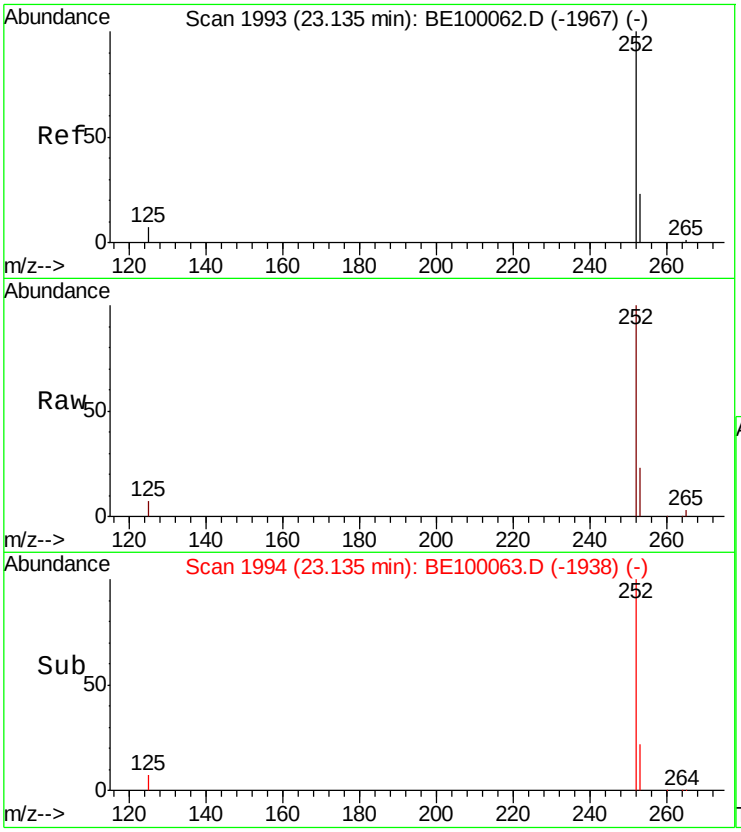


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:264 Resp: 10279

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	31.0
265	29.2	23.6	35.4



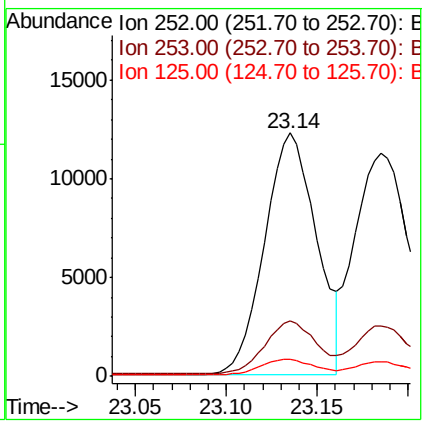


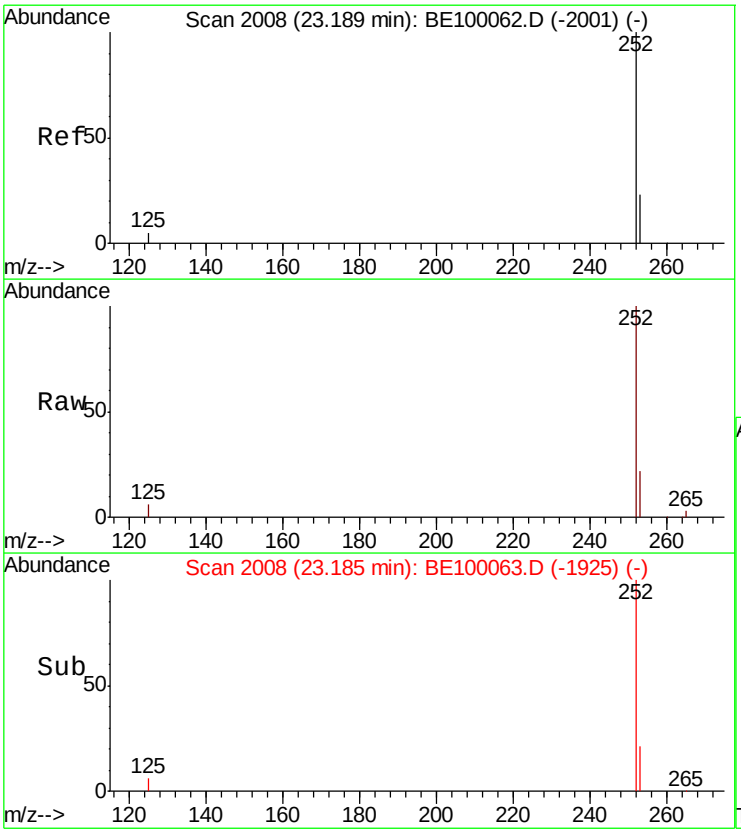
#35
Benzo(b)fluoranthene
Concen: 0.844 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 24300

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.6	29.4
125	7.1	7.2	10.8#

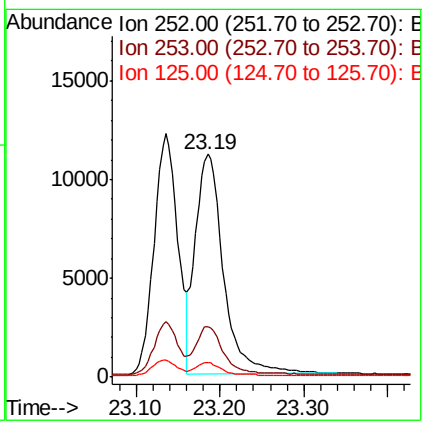


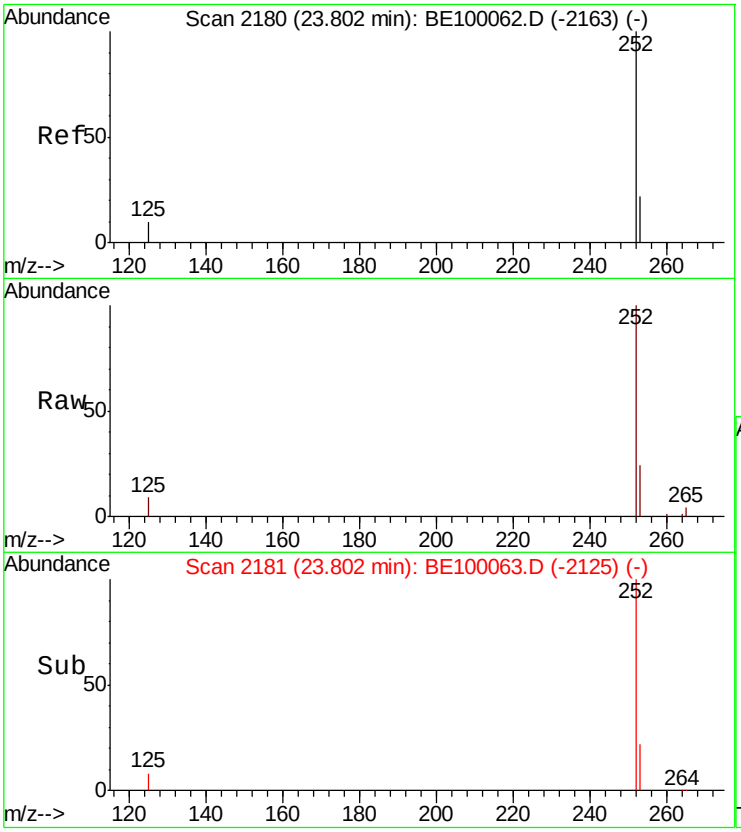


#36
Benzo(k)fluoranthene
Concen: 0.865 ng
RT: 23.19 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:252 Resp: 26052

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.3	28.9
125	6.2	5.6	8.4



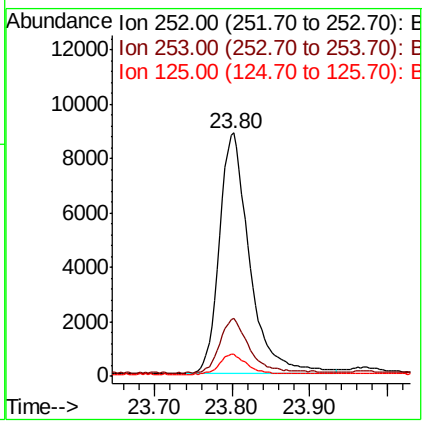


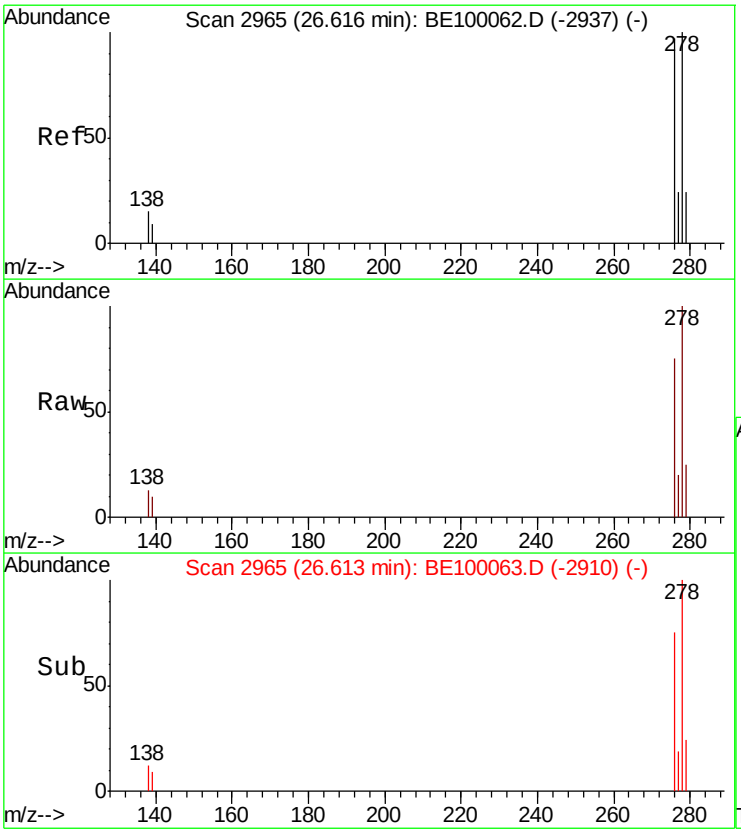
#37
Benzo(a)pyrene
Concen: 0.845 ng
RT: 23.80 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 23971

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.0	30.0
125	9.1	9.6	14.4#

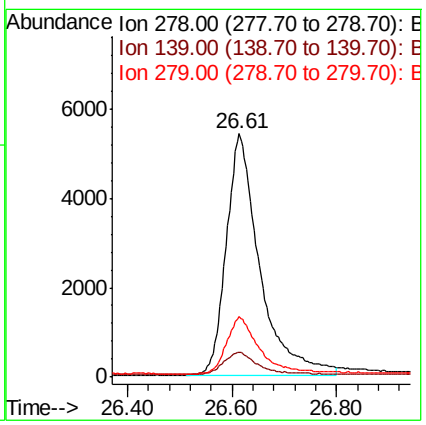


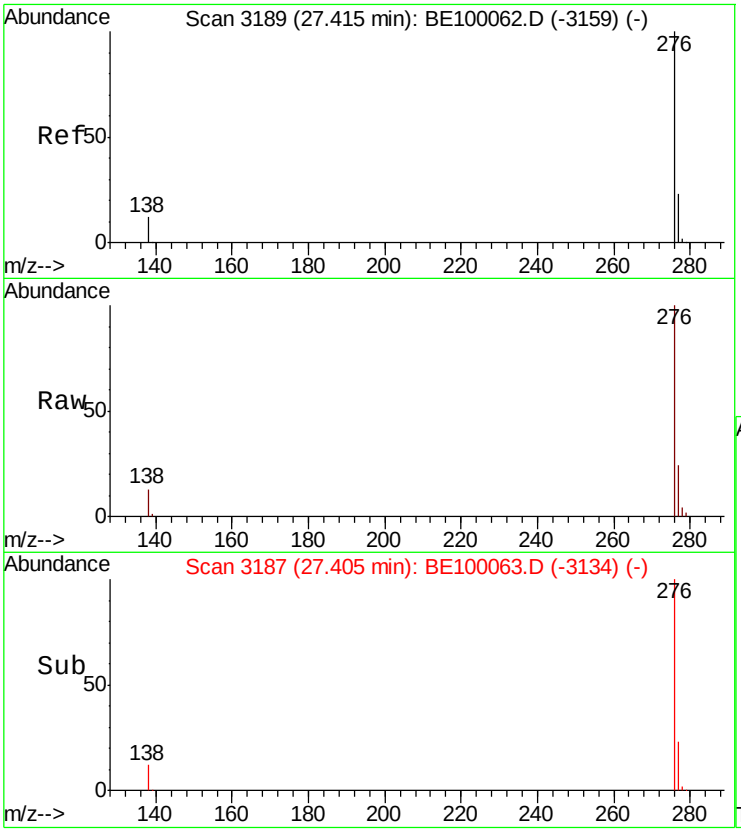


#38
Dibenzo(a,h)anthracene
Concen: 0.839 ng
RT: 26.61 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:278 Resp: 23966

Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.2	13.8
279	25.1	21.4	32.0





#39
Benzo(g,h,i)perylene
Concen: 0.851 ng
RT: 27.40 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 25126

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	13.0	11.0	16.6