Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100060.D
Acq On : 17 Jun 2019 11:21
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 17 13:09:03 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	575	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	1939	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	1551	0.40	ng		0.01
19) Phenanthrene-d10	17.21	188	4721	0.40	ng		0.01
27) Chrysene-d12	21.39	240	8539	0.40	ng		0.00
34) Perylene-d12	23.92	264	9274	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	153	0.10	ng		0.00
5) Phenol-d6	7.03	99	158	0.08	ng		0.07
8) Nitrobenzene-d5	9.02	82	175	0.10	ng		0.05
11) 2-Methylnaphthalene-d10	12.24	152	342	0.10	ng		0.03
14) 2,4,6-Tribromophenol	16.00	330	88	0.08	ng		0.03
15) 2-Fluorobiphenyl	13.12	172	558	0.09	ng		0.03
25) Fluoranthene-d10	19.25	212	6576	0.10	ng		0.00
29) Terphenyl-d14	19.84	244	1343	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	131	0.154	ng		91
3) n-Nitrosodimethylamine	3.61	42	26	0.053	ng	#	100
6) bis(2-Chloroethyl)ether	7.25	93	287	0.176	ng	#	42
9) Naphthalene	10.65	128	2133	0.102	ng	#	84
10) Hexachlorobutadiene	10.91	225	179	0.112	ng		95
12) 2-Methylnaphthalene	12.31	142	271	0.080	ng	#	84
16) Acenaphthylene	14.18	152	704	0.091	ng		98
17) Acenaphthene	14.53	154	366	0.087	ng		96
18) Fluorene	15.53	166	540	0.086	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	268	0.100	ng	#	93
21) Hexachlorobenzene	16.52	284	284	0.104	ng		96
22) Pentachlorophenol	16.92	266	65	0.076	ng		92
23) Phenanthrene	17.25	178	1049	0.092	ng		99
24) Anthracene	17.36	178	770	0.073	ng		96
26) Fluoranthene	19.28	202	1851	0.095	ng		99
28) Pyrene	19.64	202	1969	0.088	ng		99
30) Benzo(a)anthracene	21.38	228	1999	0.078	ng		96
31) Chrysene	21.44	228	2727	0.103	ng		95
32) Bis(2-ethylhexyl)phthalate	21.29	149	4154	0.113	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.62	276	2602	0.083	ng	#	69
35) Benzo(b)fluoranthene	23.14	252	2315	0.089	ng	#	81
36) Benzo(k)fluoranthene	23.20	252	2664	0.098	ng	#	82
37) Benzo(a)pyrene	23.81	252	2437	0.095	ng	#	55
38) Dibenzo(a,h)anthracene	26.65	278	2013	0.078	ng	#	70
39) Benzo(g,h,i)perylene	27.43	276	2366	0.089	ng	#	86

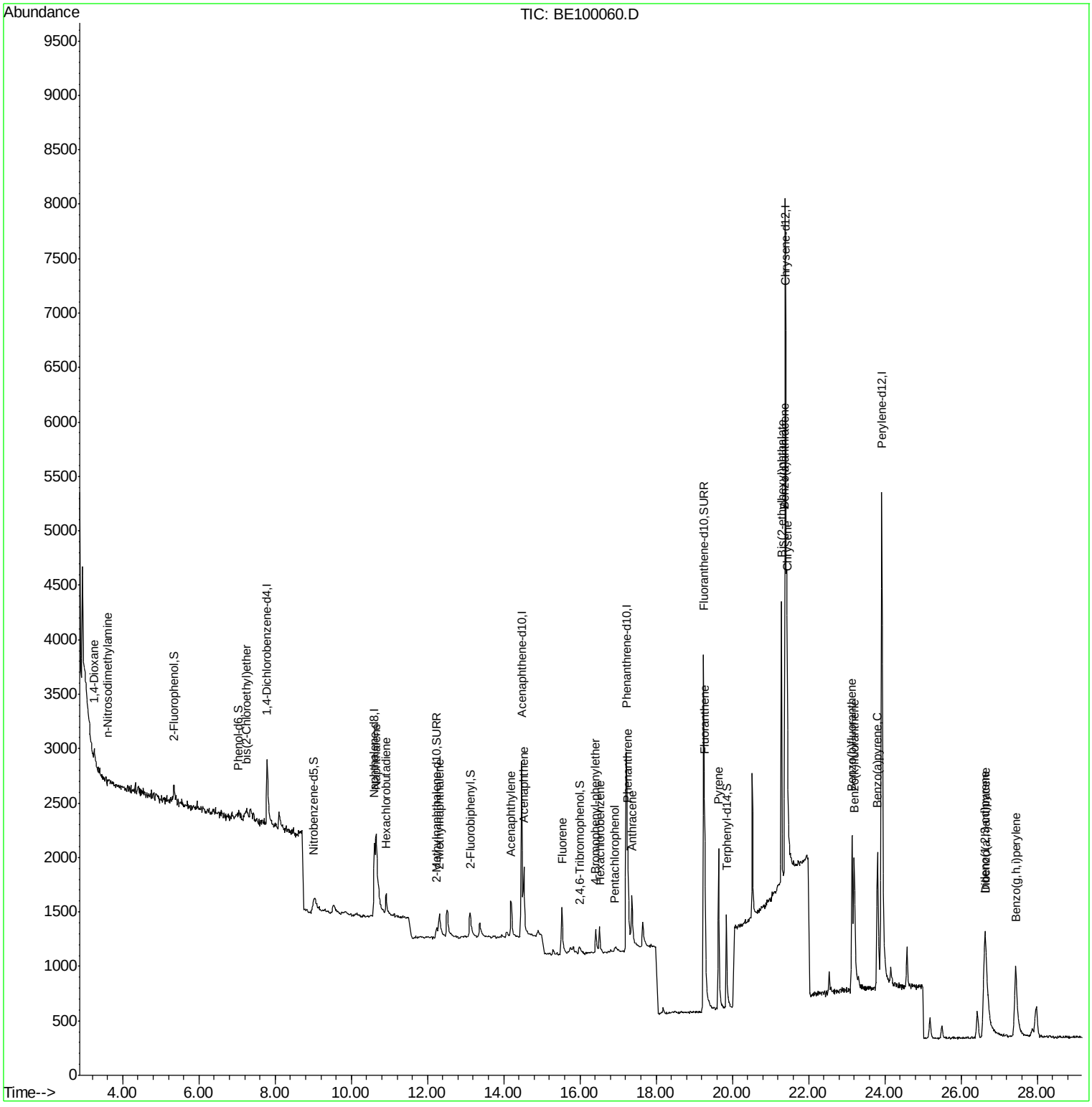
(#) = qualifier out of range (m) = manual integration (+) = signals summed

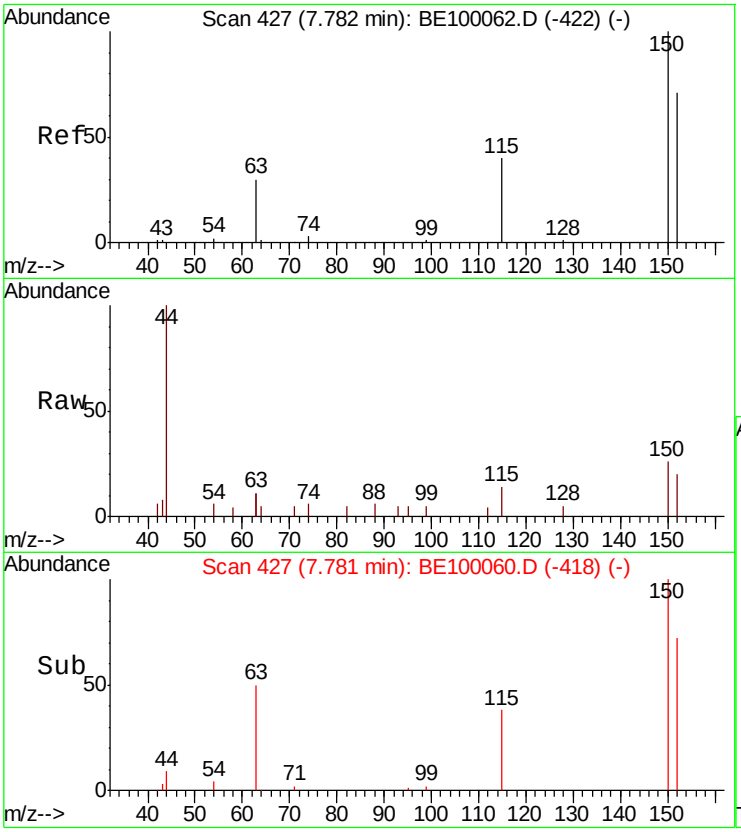
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
Data File : BE100060.D
Acq On : 17 Jun 2019 11:21
Operator : JU/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 17 13:09:03 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



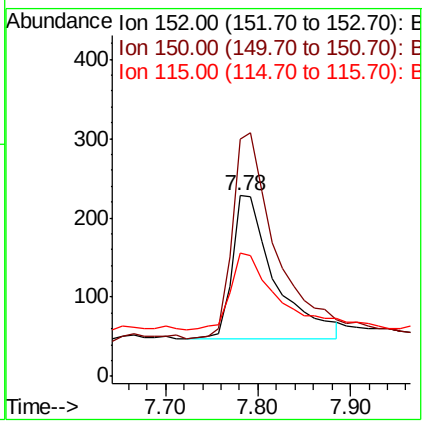


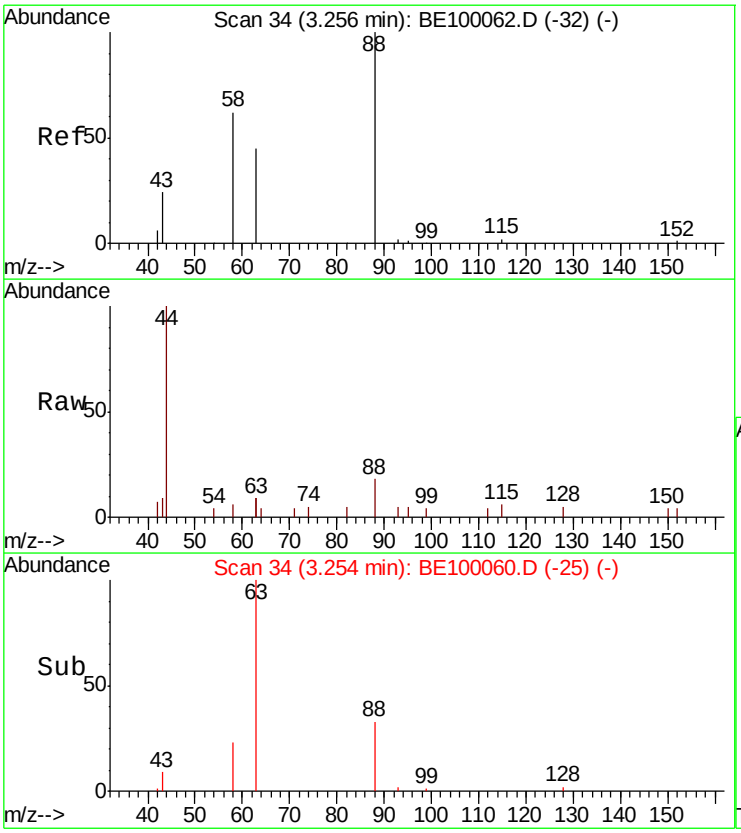
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 575

Ion	Ratio	Lower	Upper
152	100		
150	131.6	109.5	164.3
115	68.0	52.6	78.8

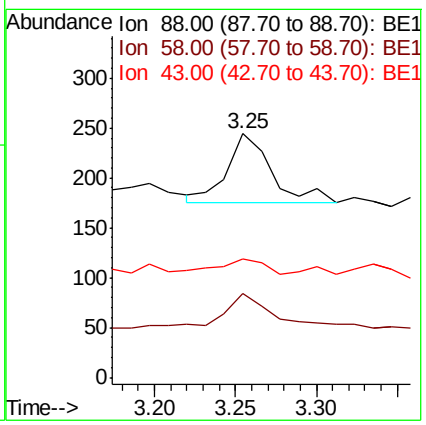


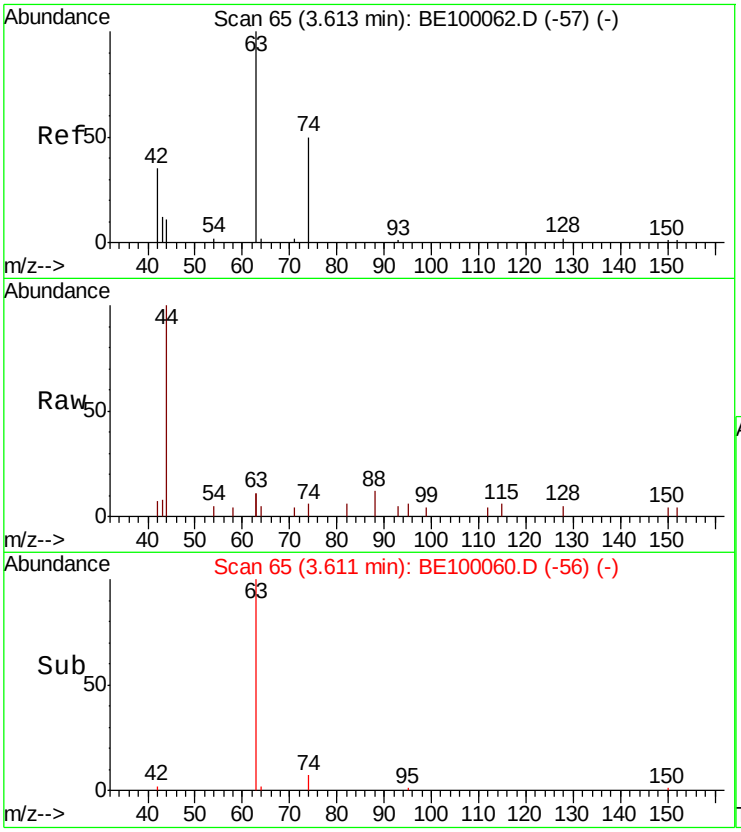


#2
1,4-Dioxane
Concen: 0.154 ng
RT: 3.25 min Scan# 34
Delta R.T. -0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion: 88 Resp: 131

Ion	Ratio	Lower	Upper
88	100		
58	58.8	41.9	62.9
43	16.0	15.8	23.8



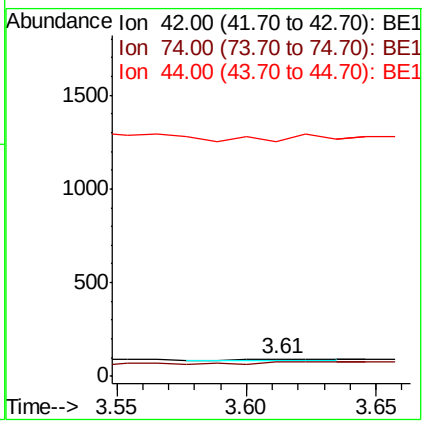


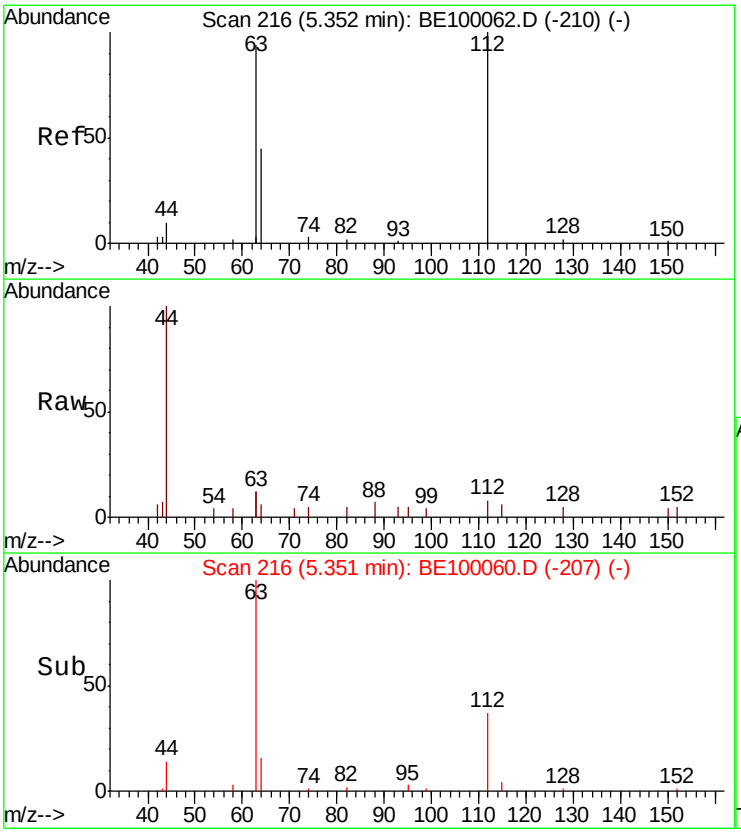
#3
n-Nitrosodimethylamine
Concen: 0.053 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	230.8	0.0	0.0#
44	450.0	0.0	0.0#

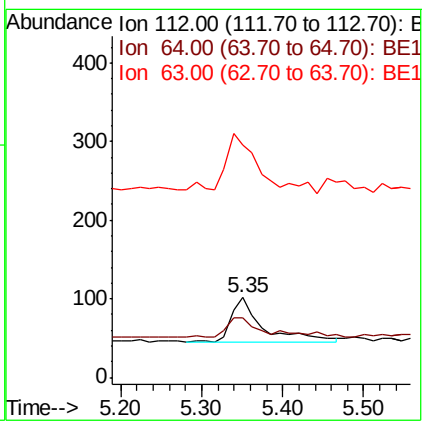


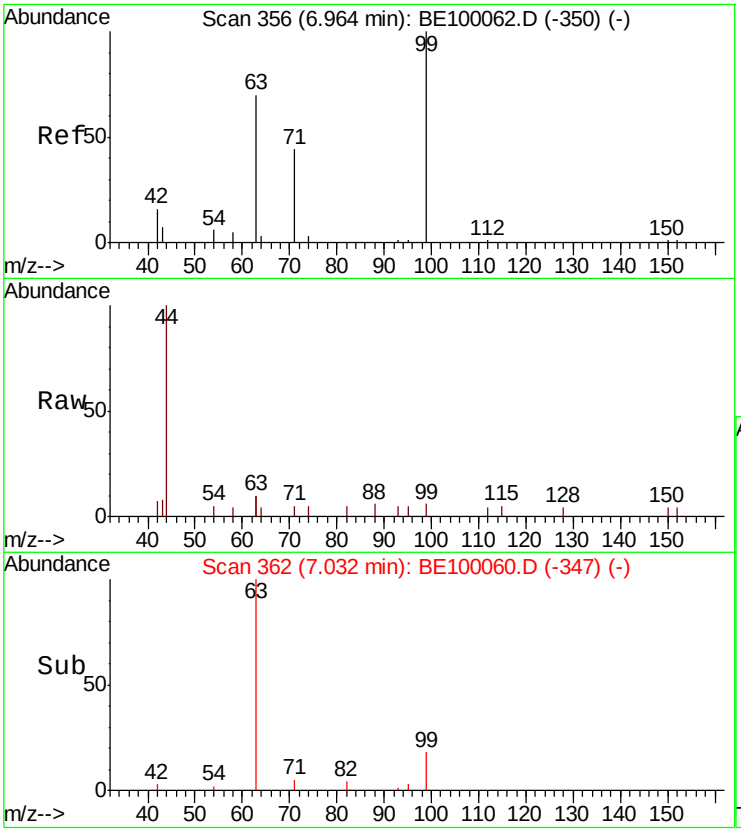


#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:112 Resp: 153

Ion	Ratio	Lower	Upper
112	100		
64	39.9	39.6	59.4
63	116.3	113.0	169.4



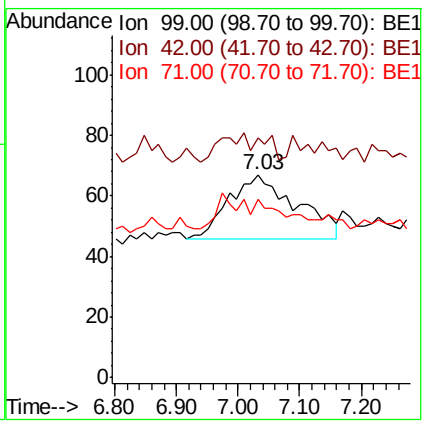


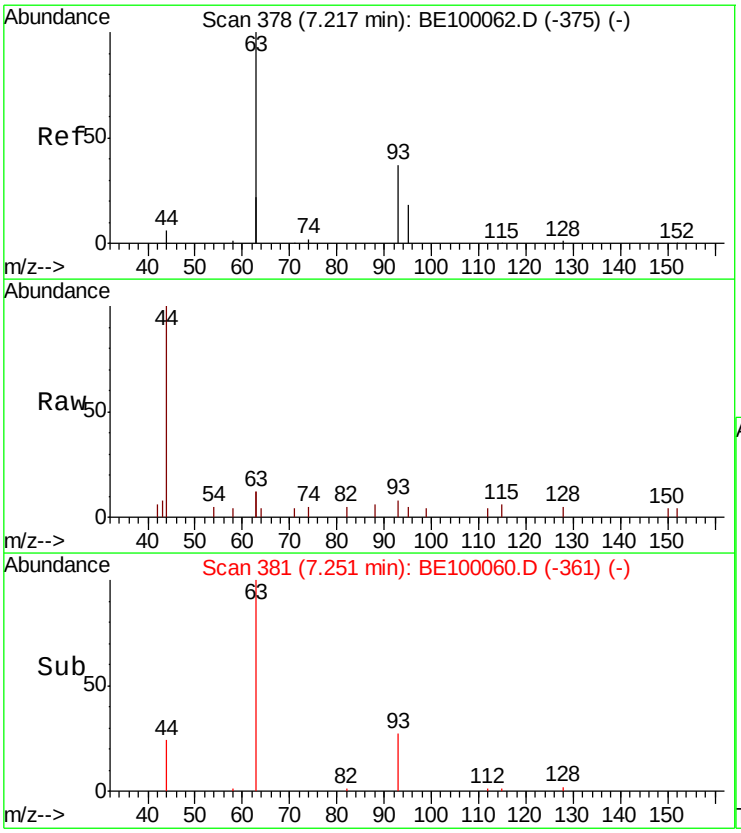
#5
Phenol-d6
Concen: 0.079 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.07 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 158

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.4	17.2#
71	0.0	32.8	49.2#

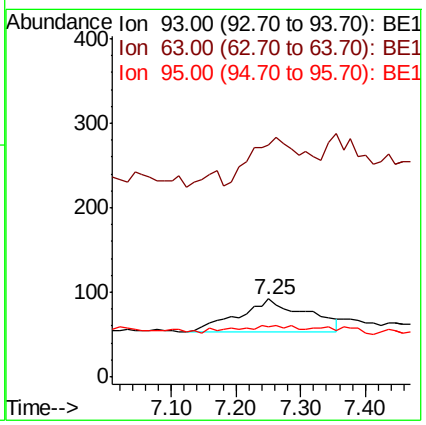


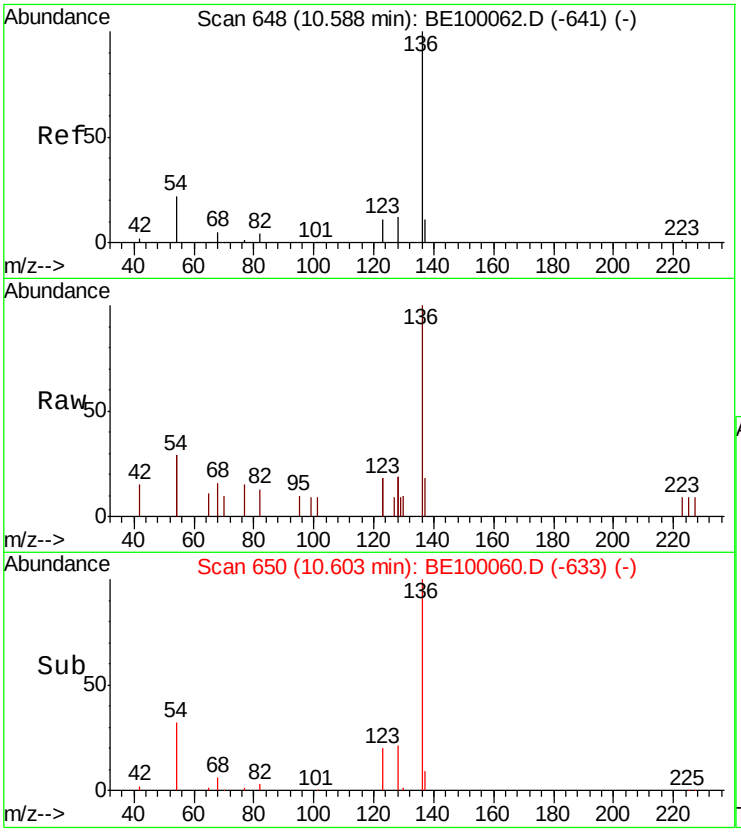


#6
bis(2-Chloroethyl)ether
Concen: 0.176 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion: 93 Resp: 287

Ion	Ratio	Lower	Upper
93	100		
63	117.1	165.0	247.6#
95	0.0	26.5	39.7#



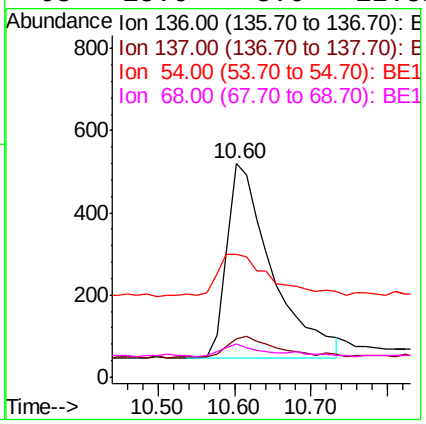


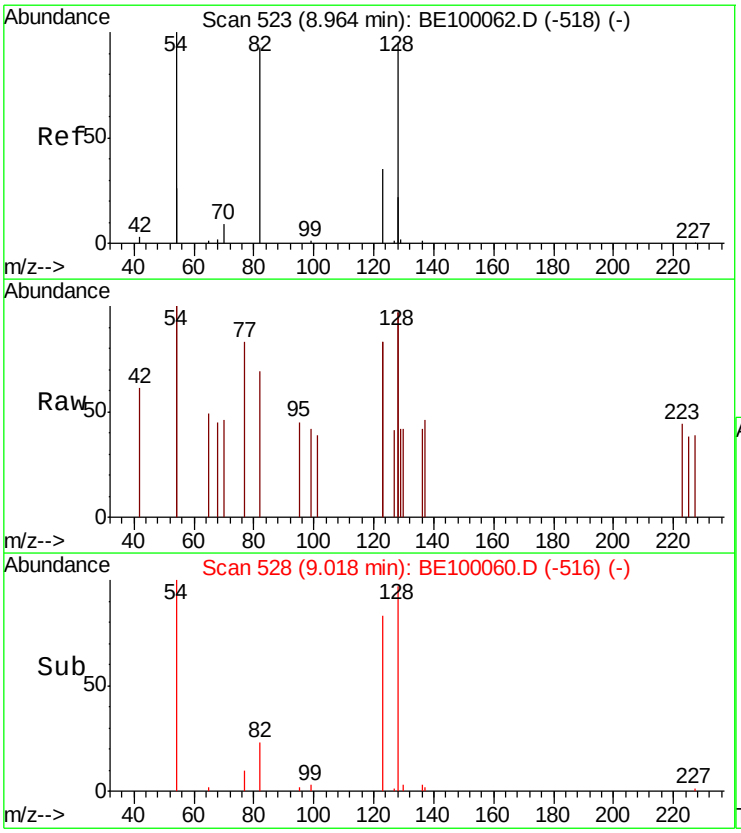
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 1939

Ion	Ratio	Lower	Upper
136	100		
137	17.9	12.6	19.0
54	57.3	33.0	49.6#
68	15.6	8.6	12.8#

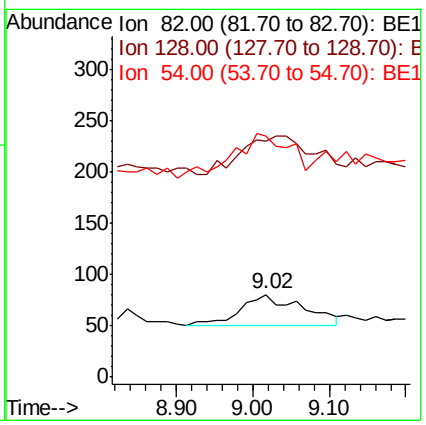


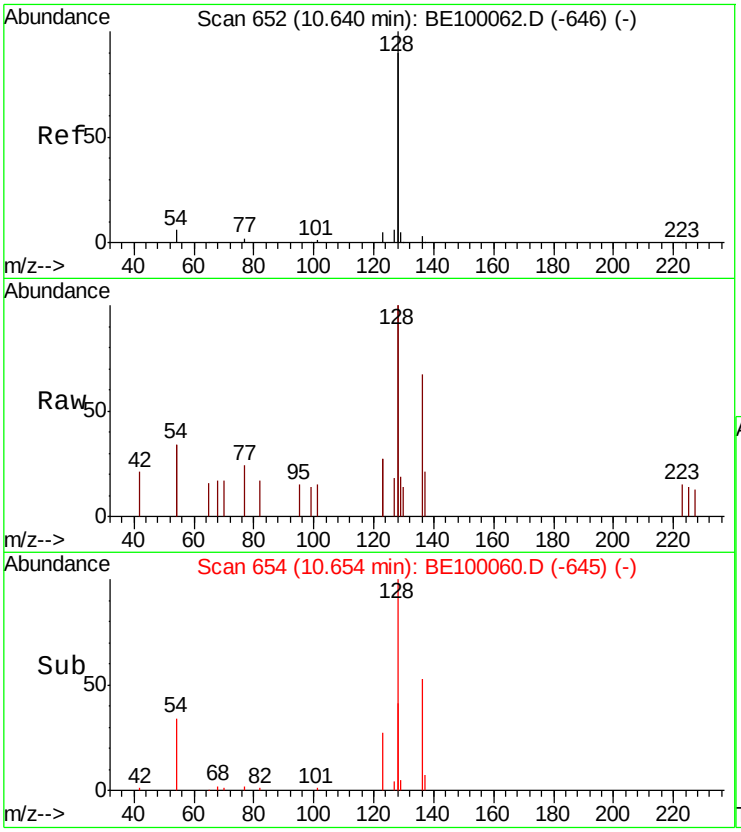


#8
Nitrobenzene-d5
Concen: 0.095 ng
RT: 9.02 min Scan# 528
Delta R.T. 0.05 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion: 82 Resp: 175

Ion	Ratio	Lower	Upper
82	100		
128	284.0	134.6	201.8#
54	291.4	141.6	212.4#



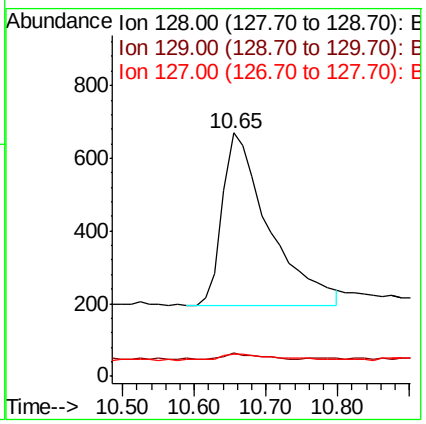


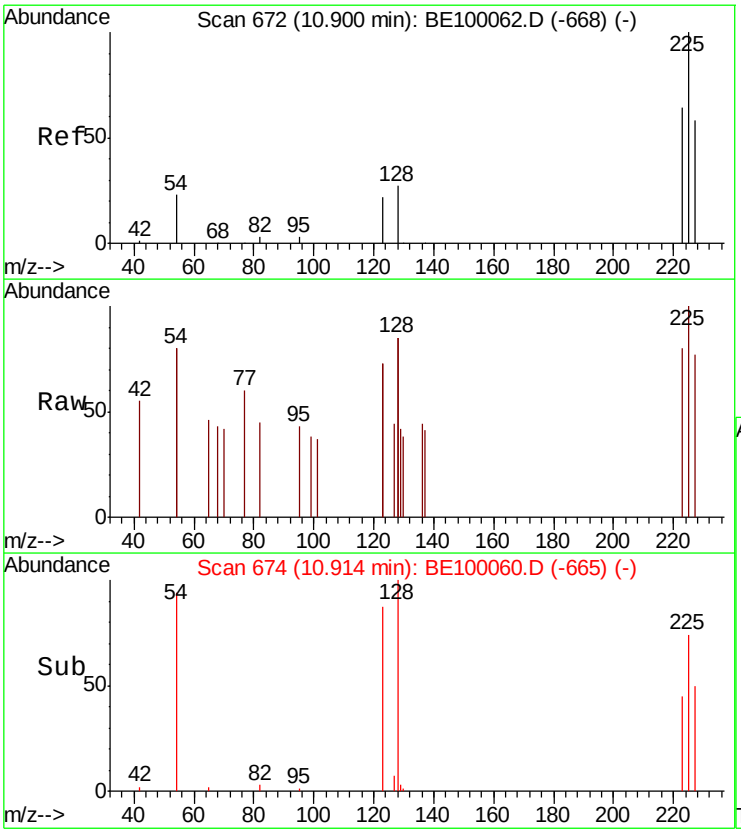
#9
Naphthalene
Concen: 0.102 ng
RT: 10.65 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 2133

Ion	Ratio	Lower	Upper
128	100		
129	9.4	3.0	4.4#
127	9.0	3.4	5.0#

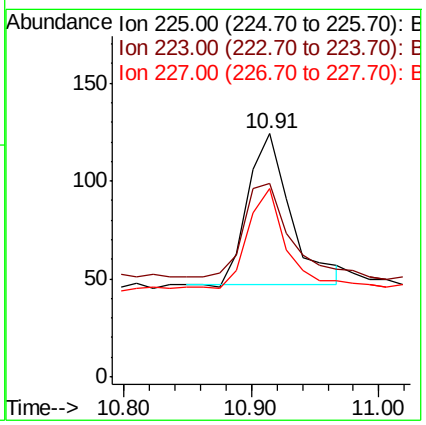


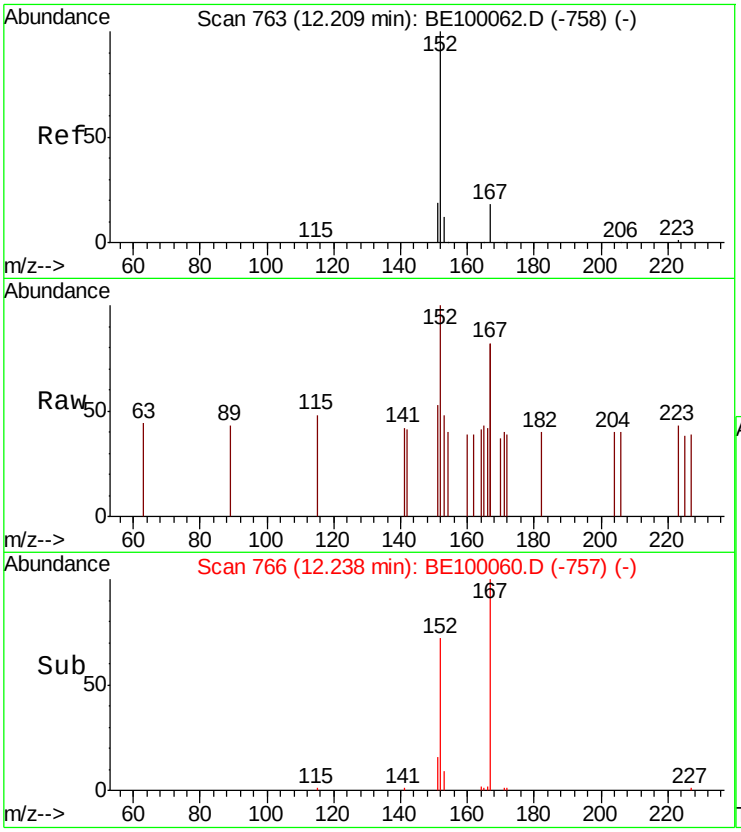


#10
Hexachlorobutadiene
Concen: 0.112 ng
RT: 10.91 min Scan# 674
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:225 Resp: 179

Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.1	76.7
227	58.1	51.9	77.9



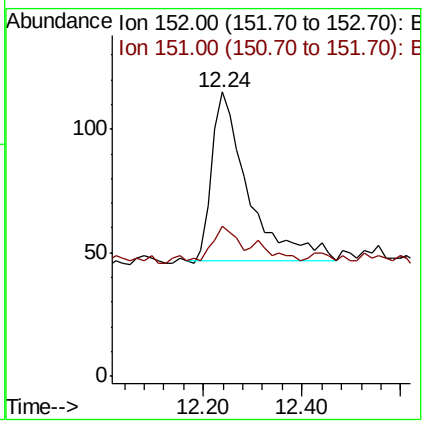


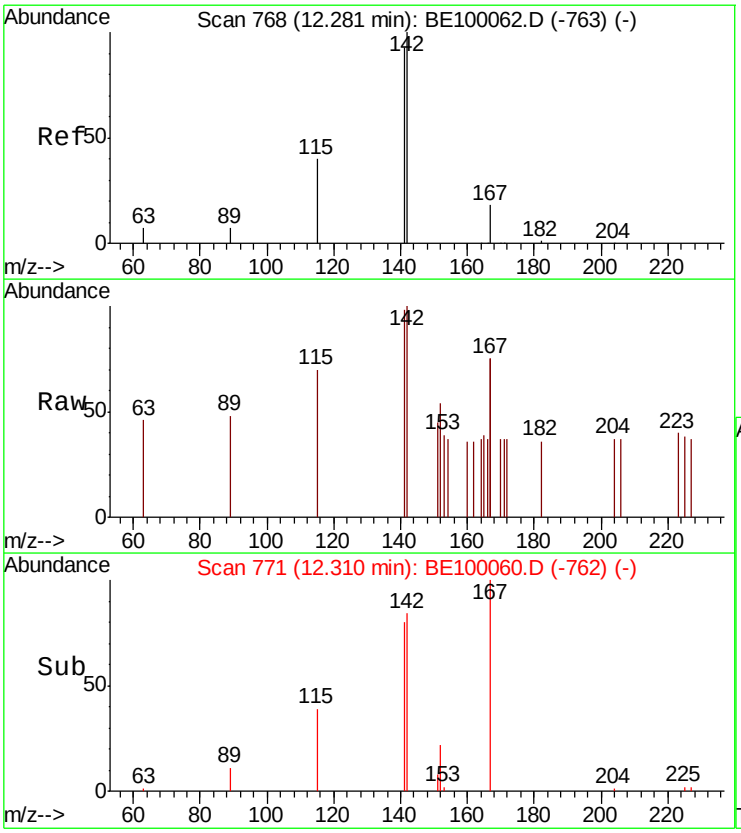
#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.24 min Scan# 766
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 342

Ion	Ratio	Lower	Upper
152	100		
151	14.3	15.4	23.2#

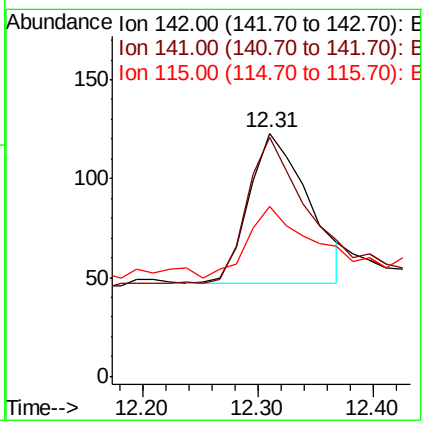


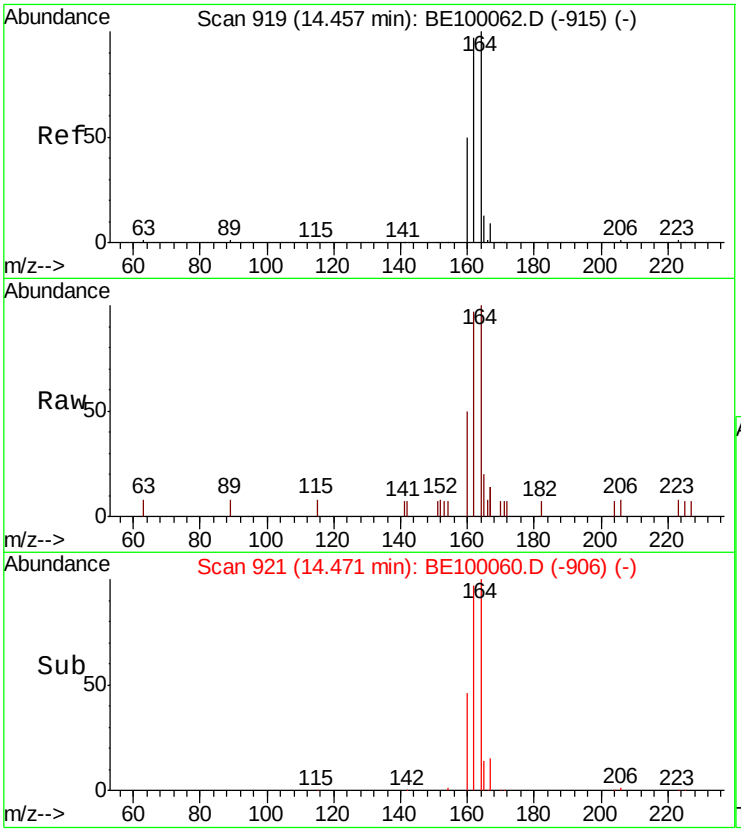


#12
2-Methylnaphthalene
Concen: 0.080 ng
RT: 12.31 min Scan# 771
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:142 Resp: 271

Ion	Ratio	Lower	Upper
142	100		
141	98.4	74.2	111.4
115	69.9	36.5	54.7#



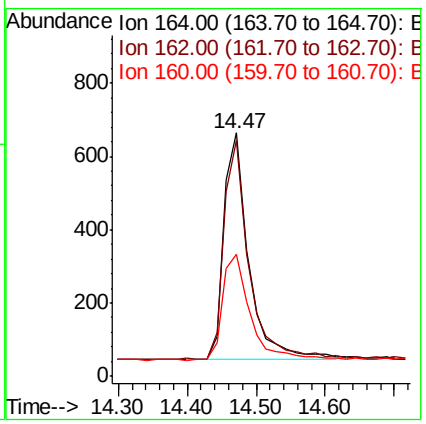


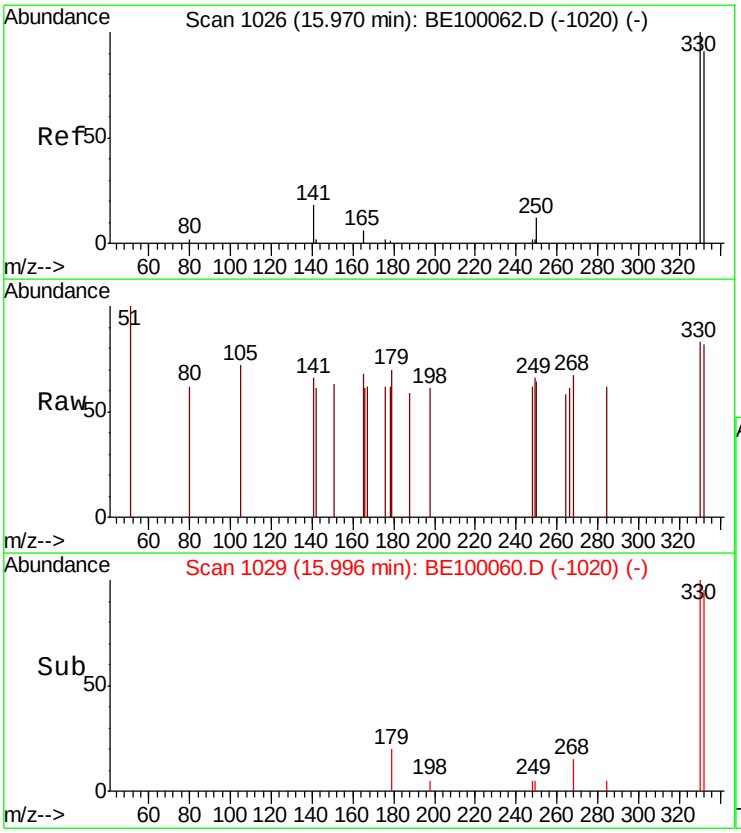
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 1551

Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.6	116.4
160	50.0	41.7	62.5

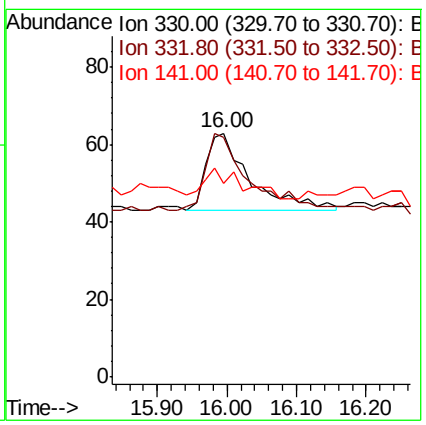


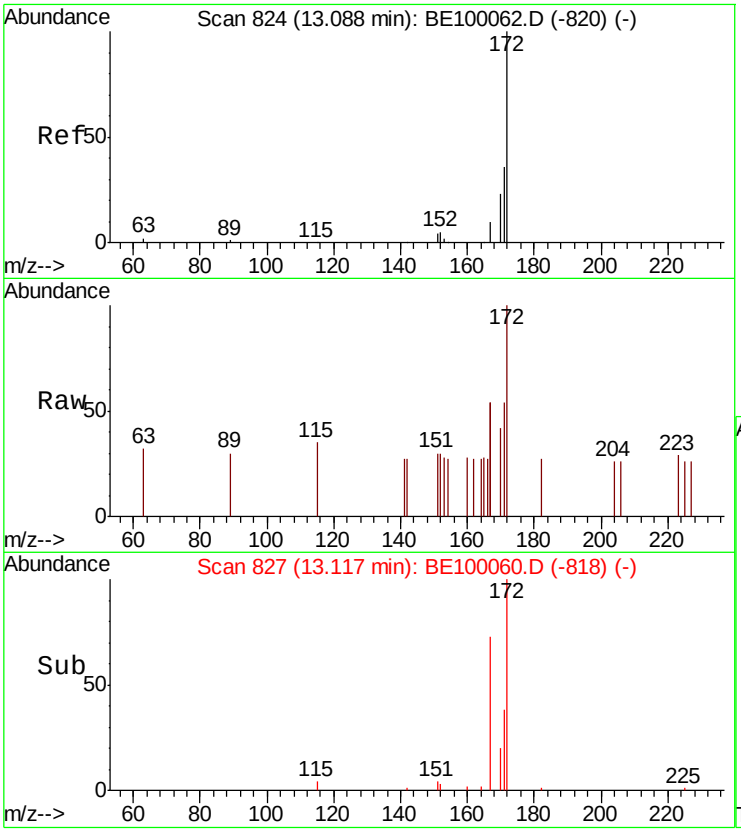


#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 16.00 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:330 Resp: 88

Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.7	112.1
141	34.1	20.3	30.5#



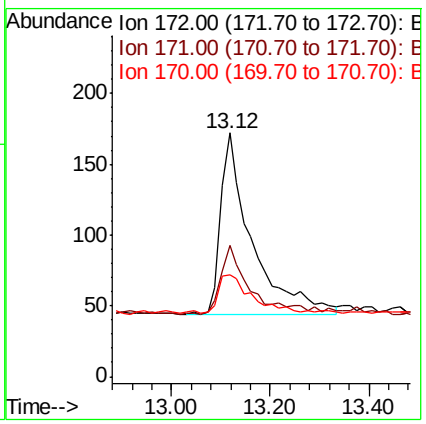


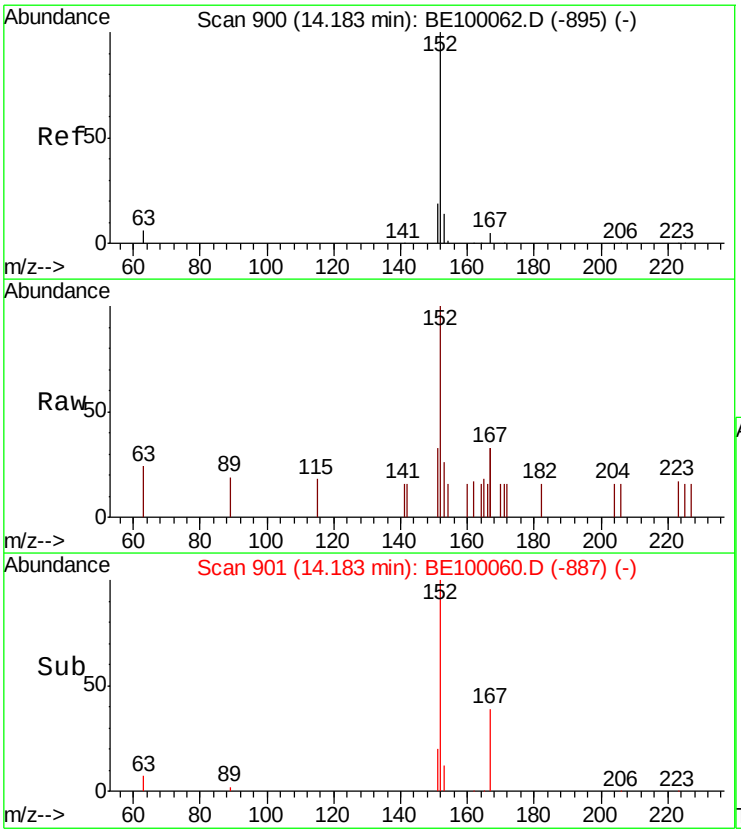
#15
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 13.12 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 558

Ion	Ratio	Lower	Upper
172	100		
171	54.1	31.0	46.6#
170	41.9	21.3	31.9#

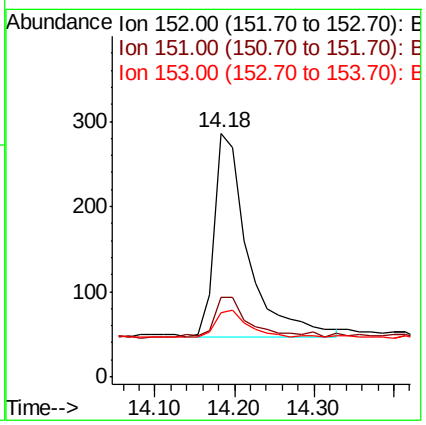


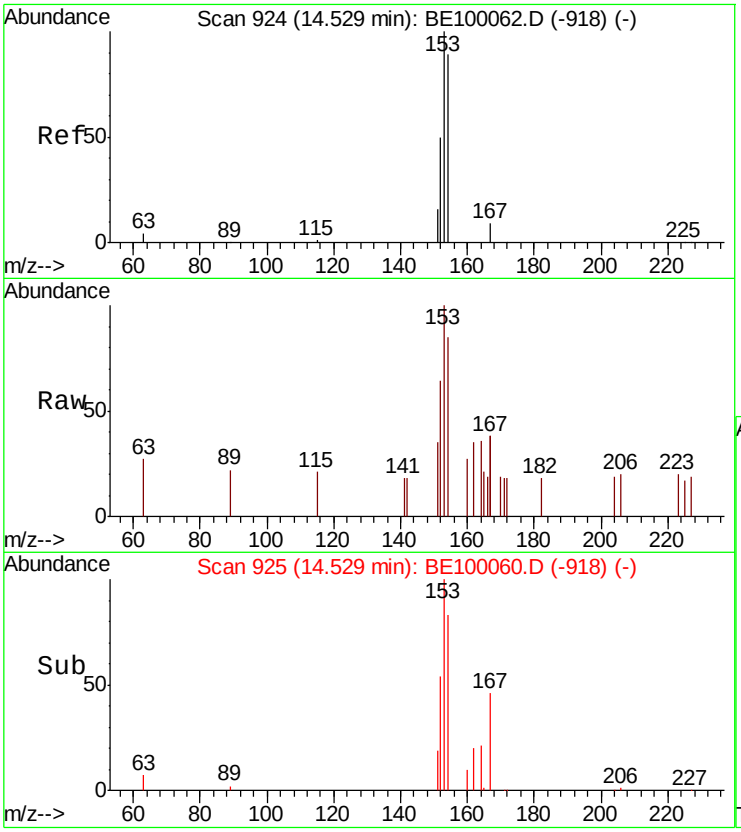


#16
Acenaphthylene
Concen: 0.091 ng
RT: 14.18 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:152 Resp: 704

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	12.6	11.1	16.7



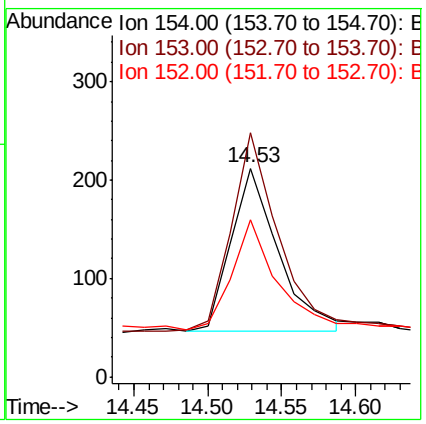


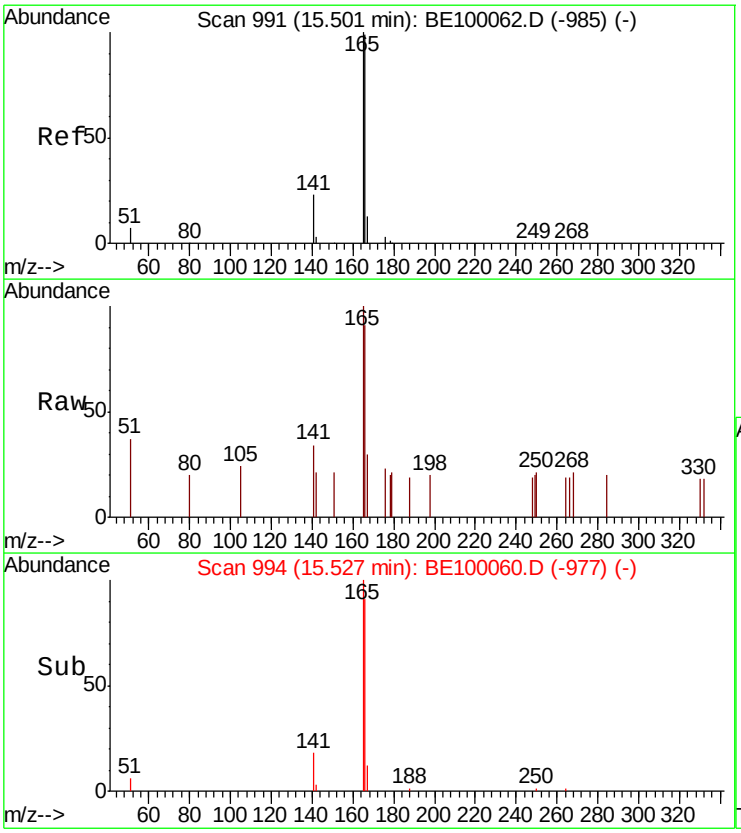
#17
Acenaphthene
Concen: 0.087 ng
RT: 14.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 366

Ion	Ratio	Lower	Upper
154	100		
153	122.1	94.3	141.5
152	63.9	49.0	73.6

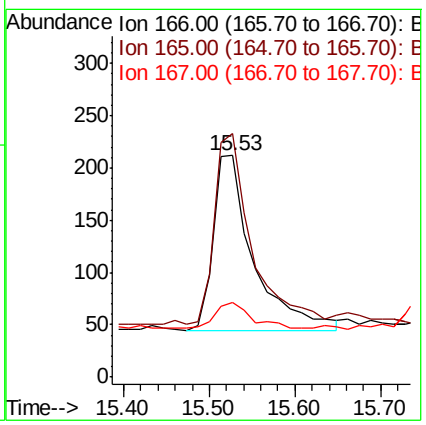


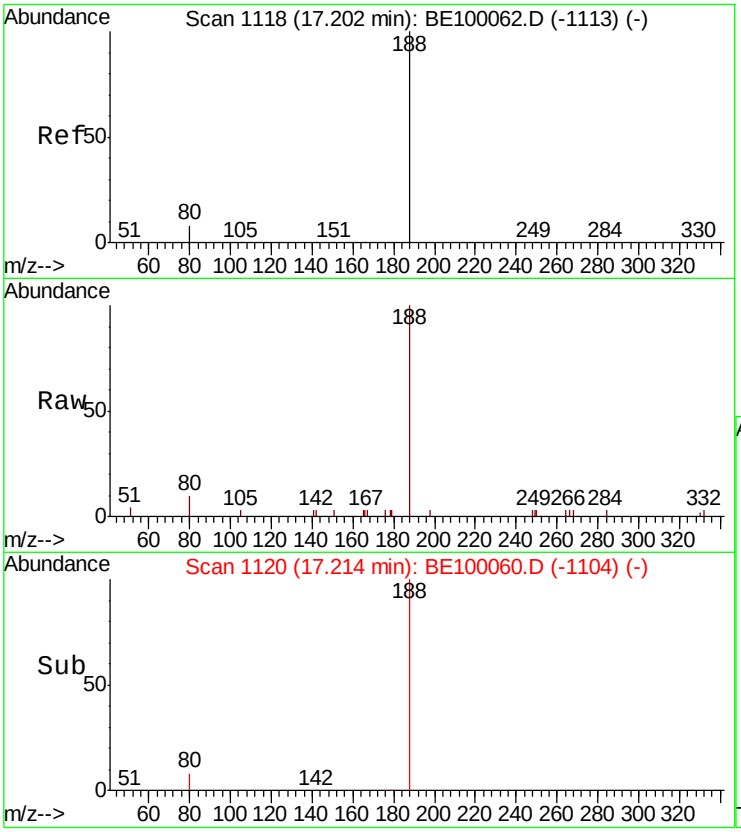


#18
Fluorene
Concen: 0.086 ng
RT: 15.53 min Scan# 994
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:166 Resp: 540

Ion	Ratio	Lower	Upper
166	100		
165	106.3	82.3	123.5
167	14.3	11.0	16.4



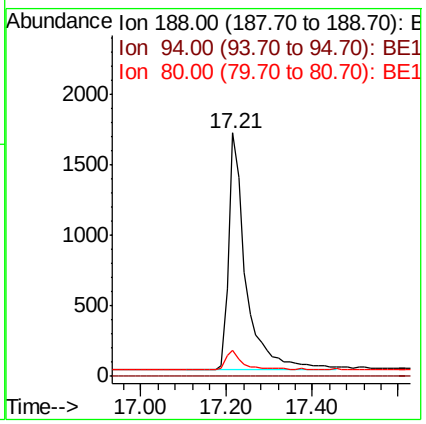


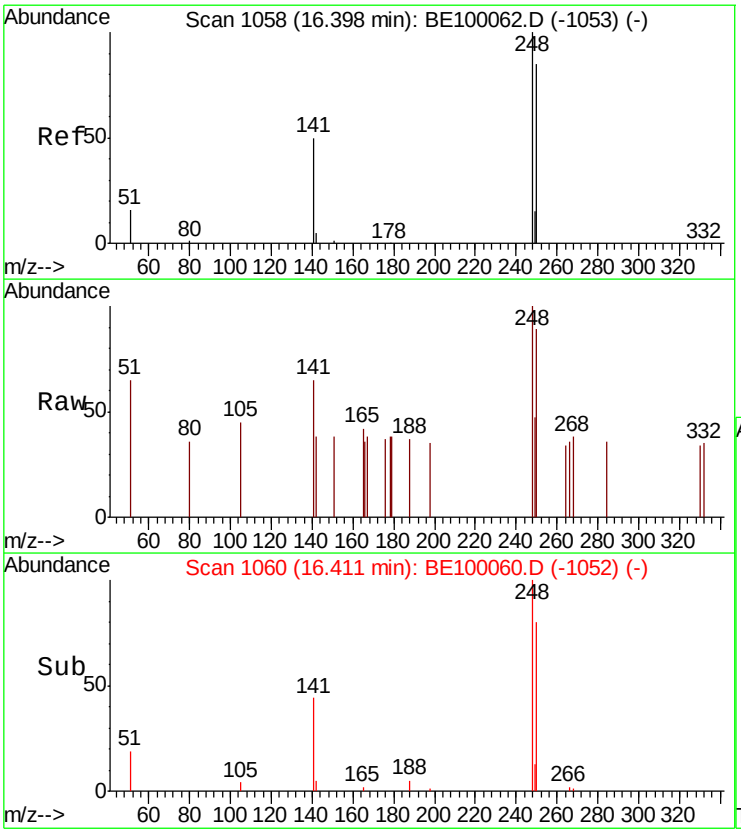
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 4721

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.2	12.4

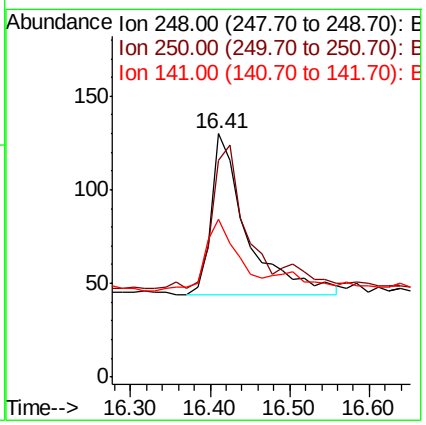


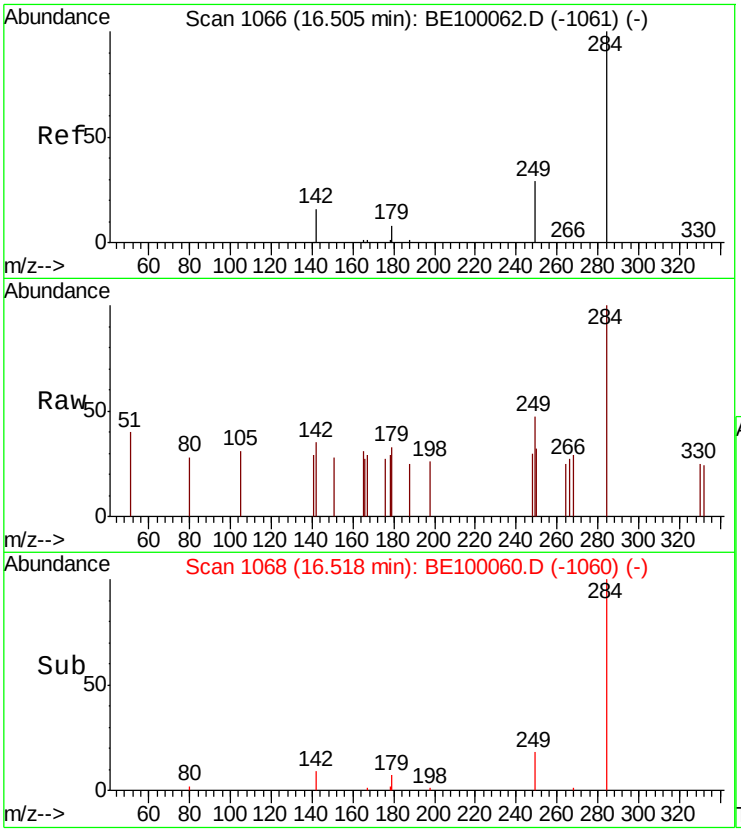


#20
4-Bromophenyl-phenylether
Concen: 0.100 ng
RT: 16.41 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:248 Resp: 268

Ion	Ratio	Lower	Upper
248	100		
250	89.2	69.8	104.8
141	64.6	43.0	64.6#



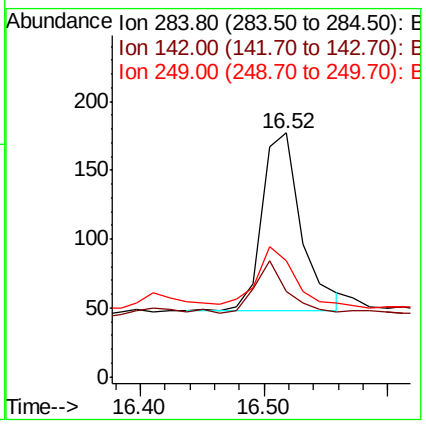


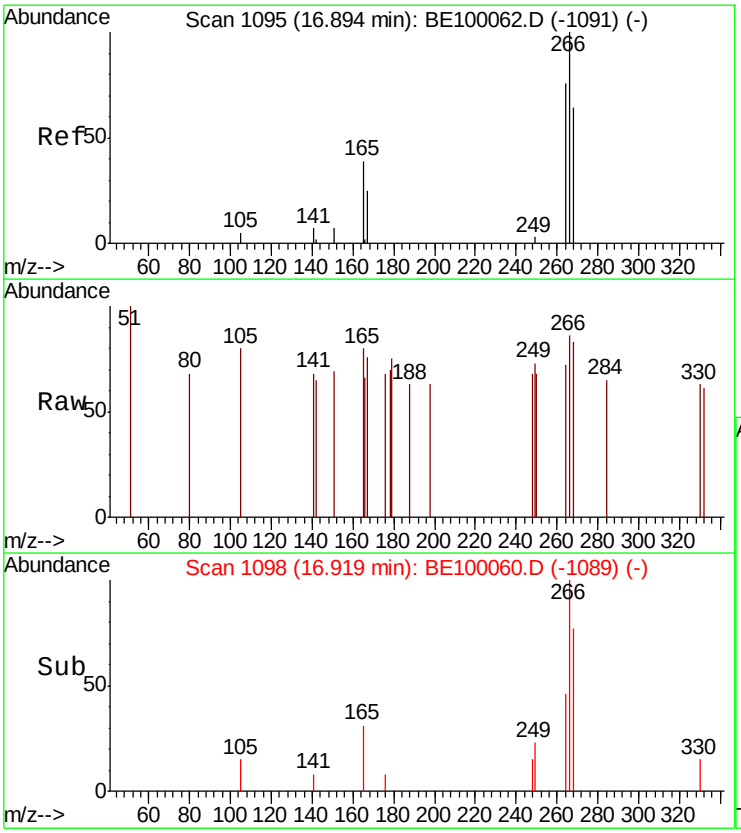
#21
Hexachlorobenzene
Concen: 0.104 ng
RT: 16.52 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:284 Resp: 284

Ion	Ratio	Lower	Upper
284	100		
142	24.3	20.3	30.5
249	28.2	25.3	37.9

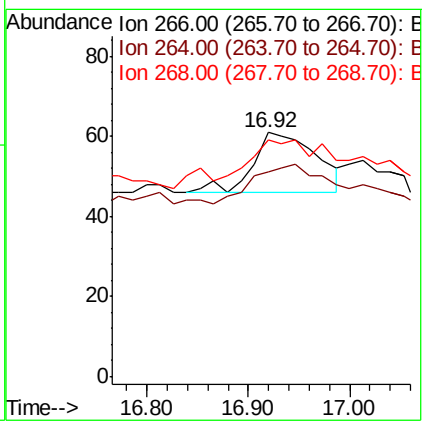


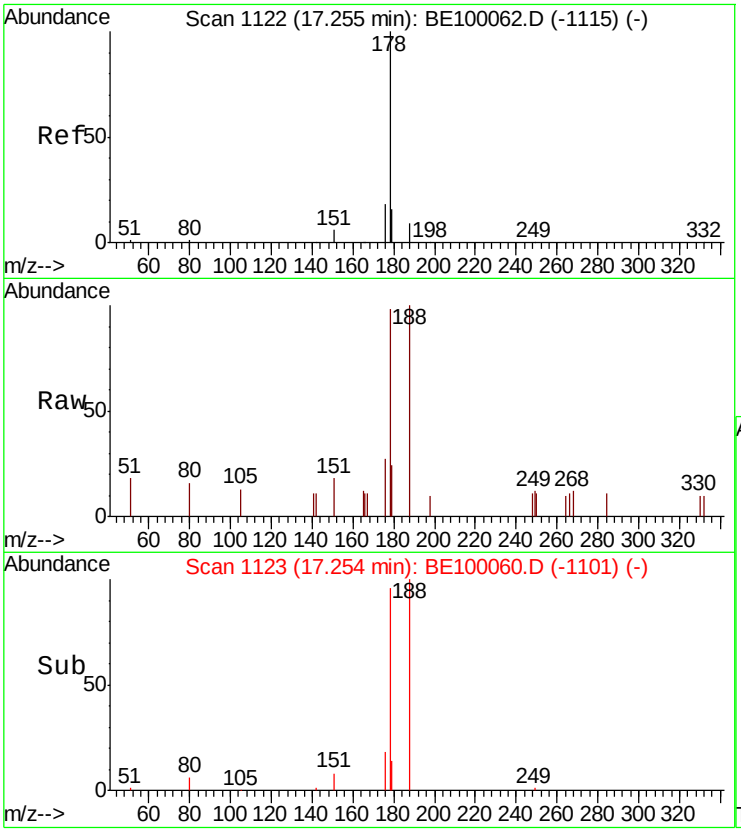


#22
Pentachlorophenol
Concen: 0.076 ng
RT: 16.92 min Scan# 1098
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
264	83.6	68.6	102.8
268	96.7	67.0	100.6



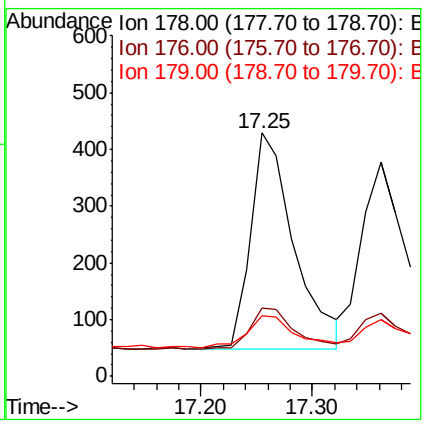


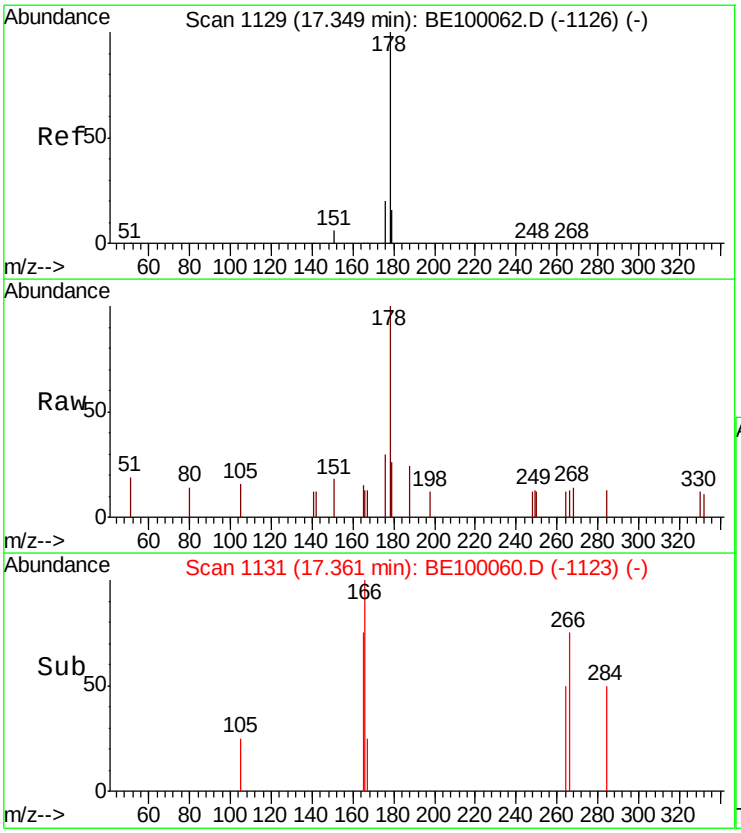
#23
Phenanthrene
Concen: 0.092 ng
RT: 17.25 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 1049

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.4	12.4	18.6

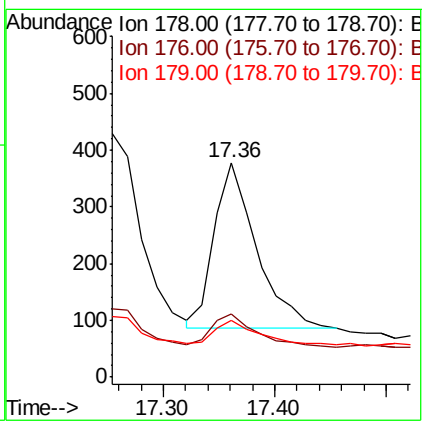


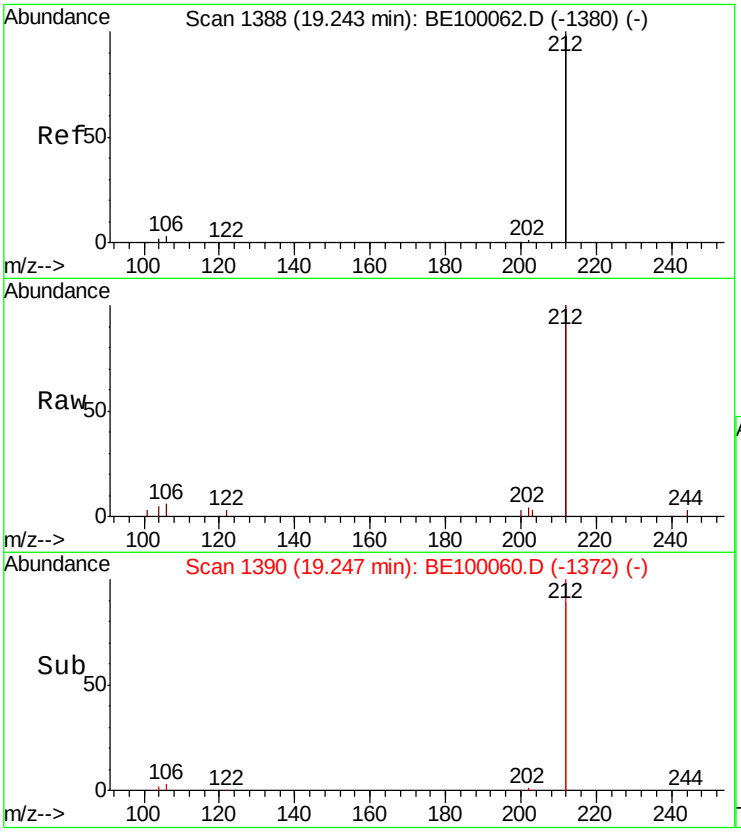


#24
Anthracene
Concen: 0.073 ng
RT: 17.36 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:178 Resp: 770

Ion	Ratio	Lower	Upper
178	100		
176	20.9	14.6	21.8
179	15.2	12.6	19.0



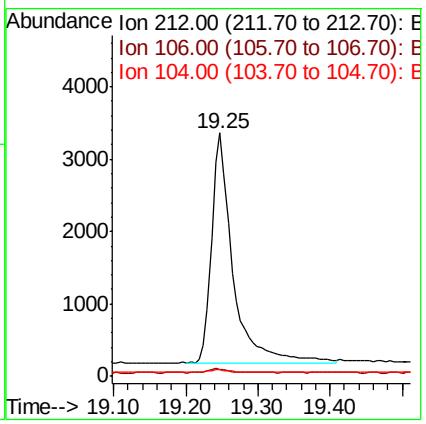


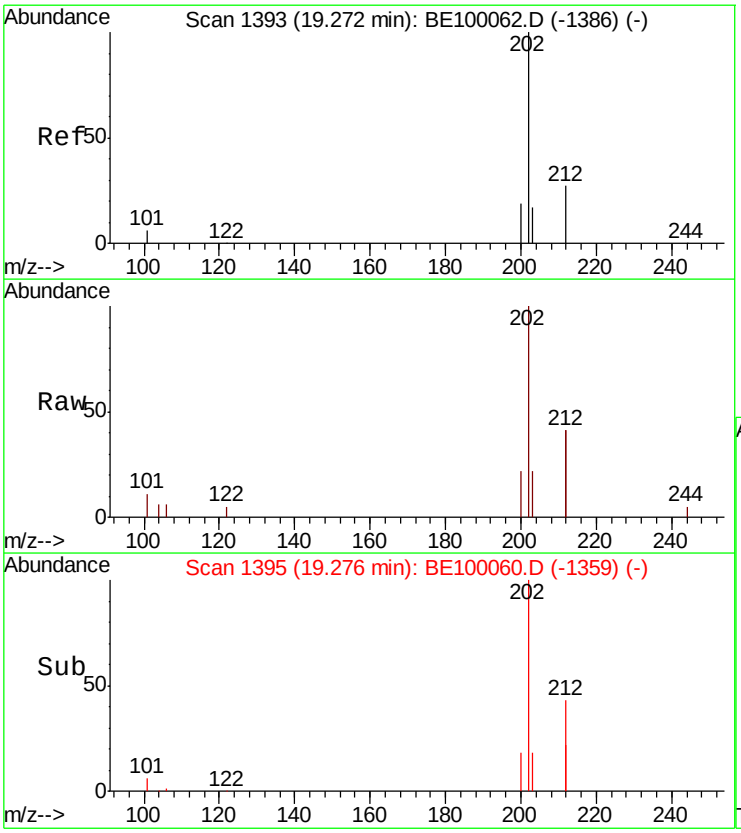
#25
Fluoranthene-d10
Concen: 0.096 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:212 Resp: 6576

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

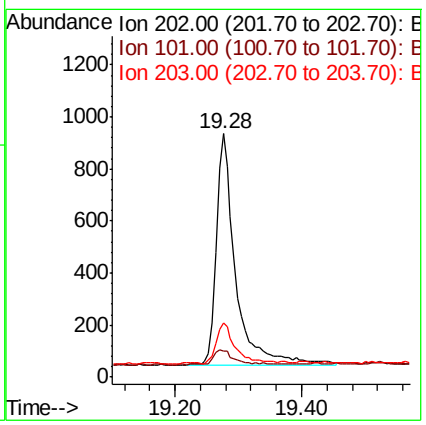


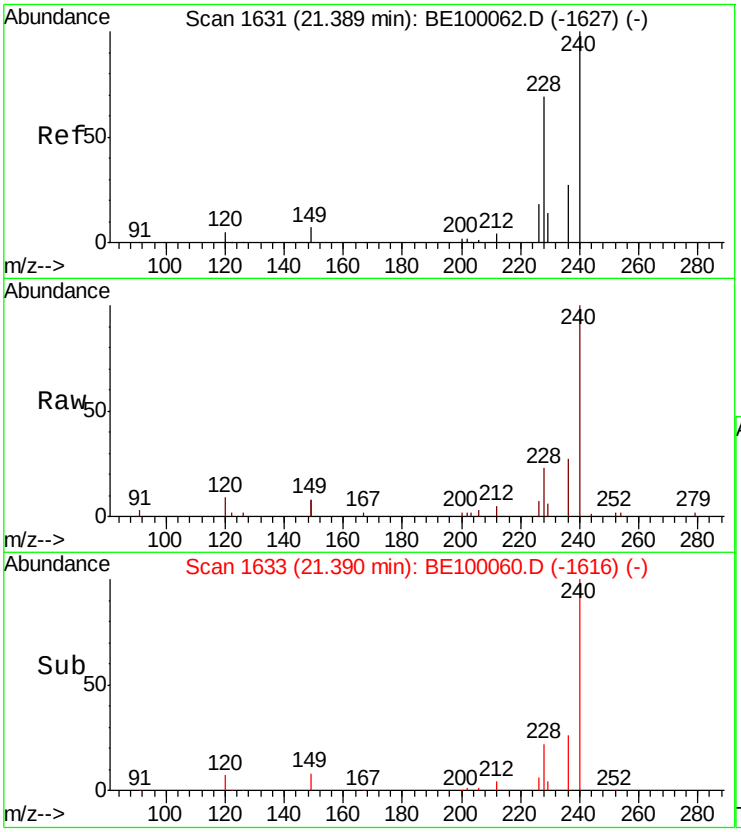


#26
Fluoranthene
Concen: 0.095 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:202 Resp: 1851

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.3	7.9
203	17.2	13.3	19.9



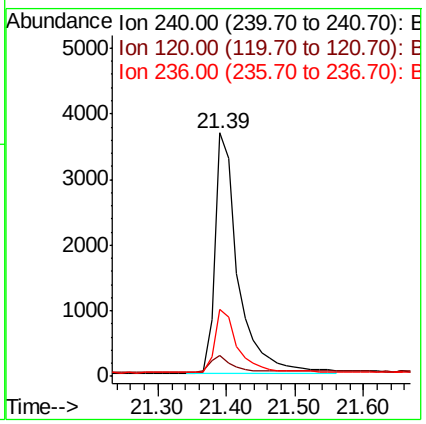


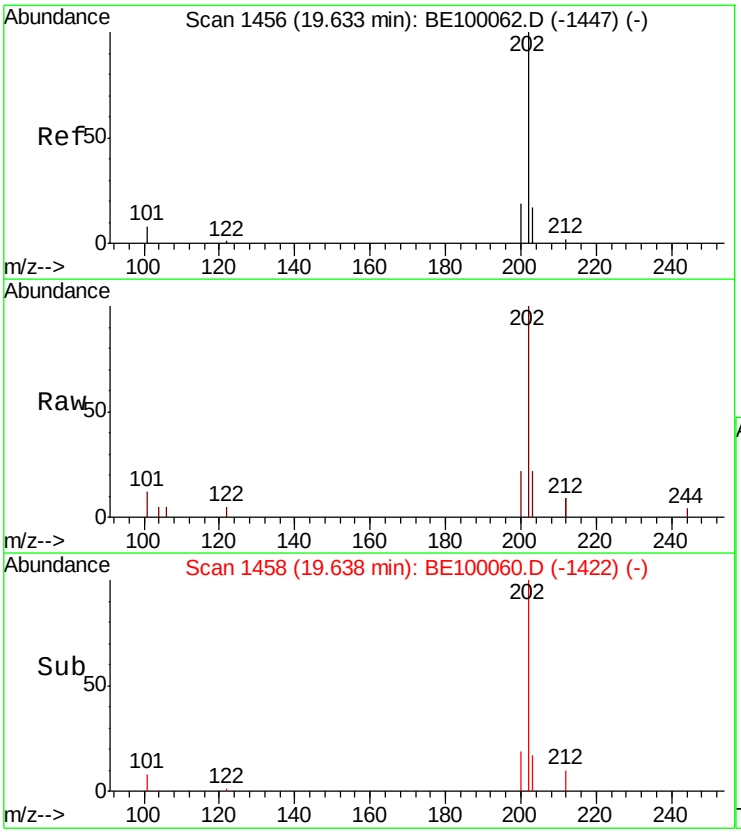
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 8539

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.4	8.0#
236	27.4	22.6	33.8

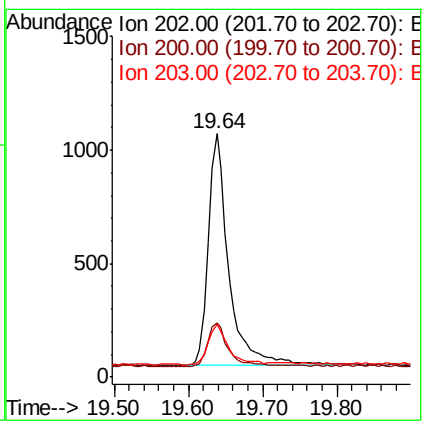


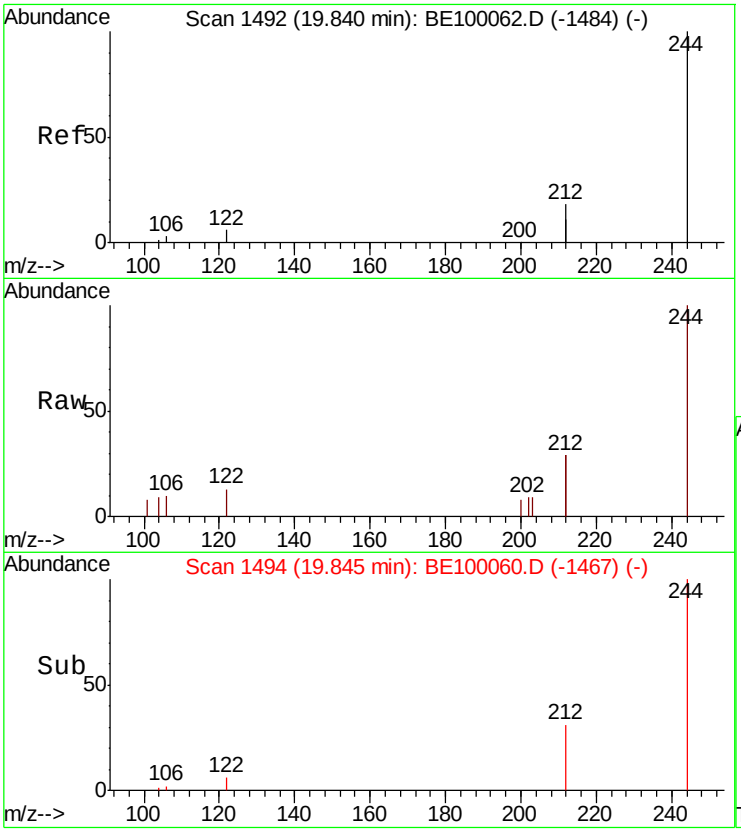


#28
Pyrene
Concen: 0.088 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:202 Resp: 1969

Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.6	23.4
203	17.2	14.0	21.0



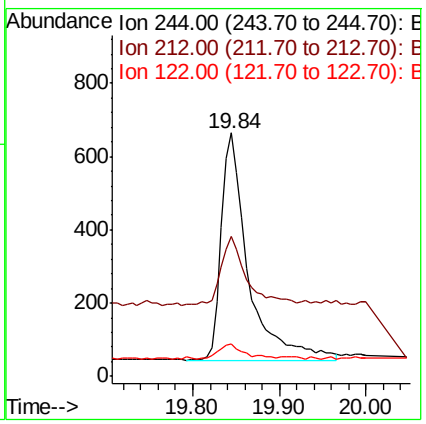


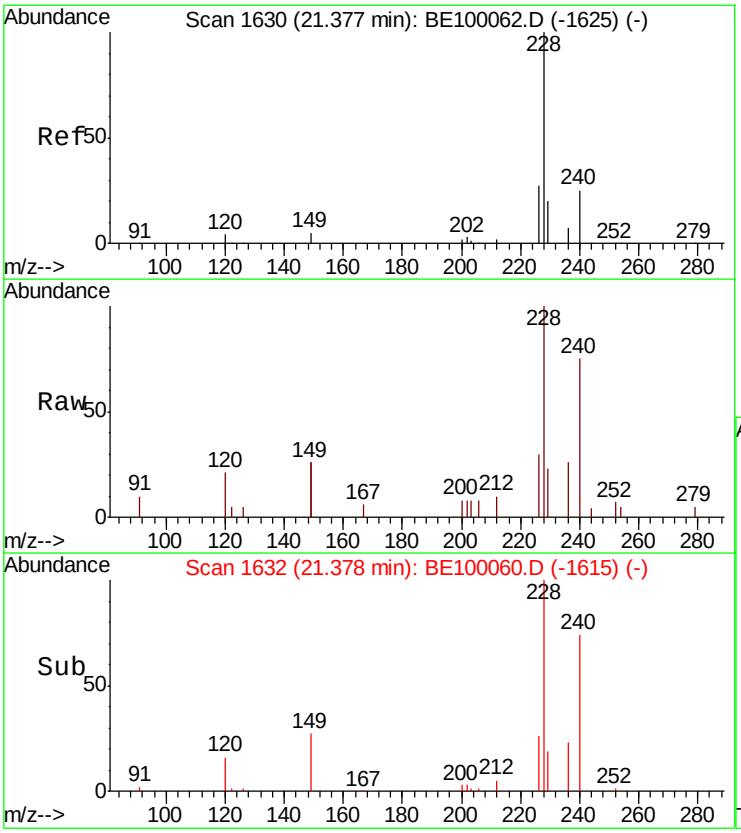
#29
Terphenyl-d14
Concen: 0.087 ng
RT: 19.84 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1343

Ion	Ratio	Lower	Upper
244	100		
212	57.4	27.9	41.9#
122	13.1	5.8	8.6#

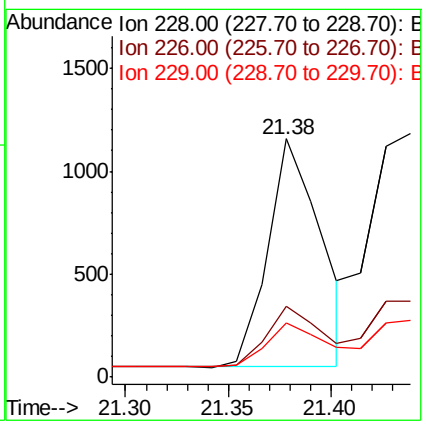


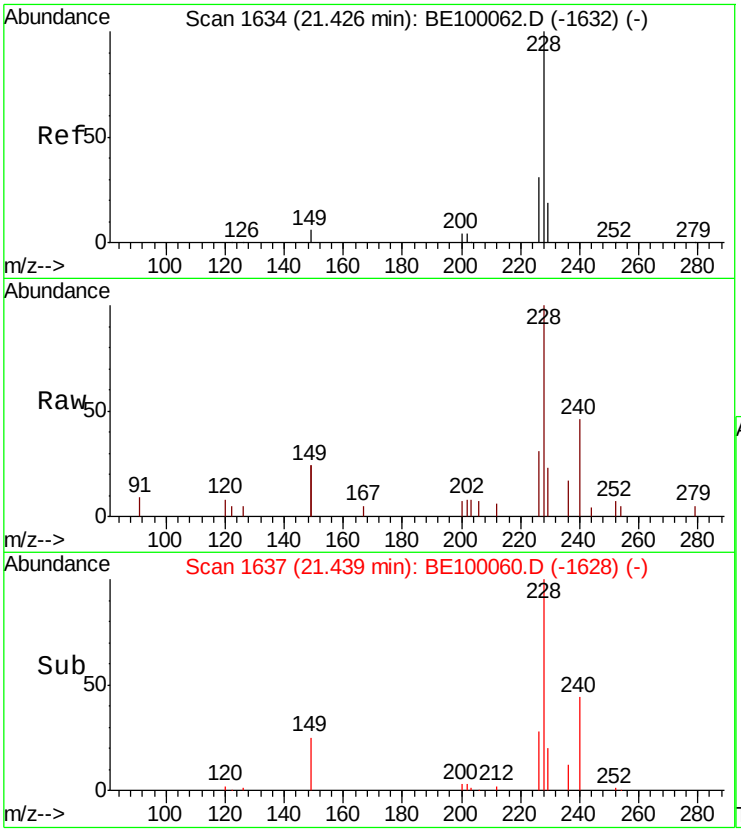


#30
Benzo(a)anthracene
Concen: 0.078 ng
RT: 21.38 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:228 Resp: 1999

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.1	33.1
229	22.6	16.9	25.3



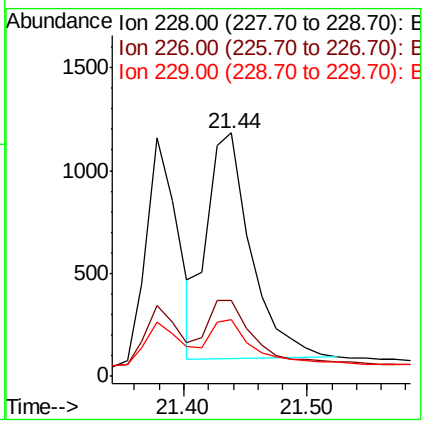


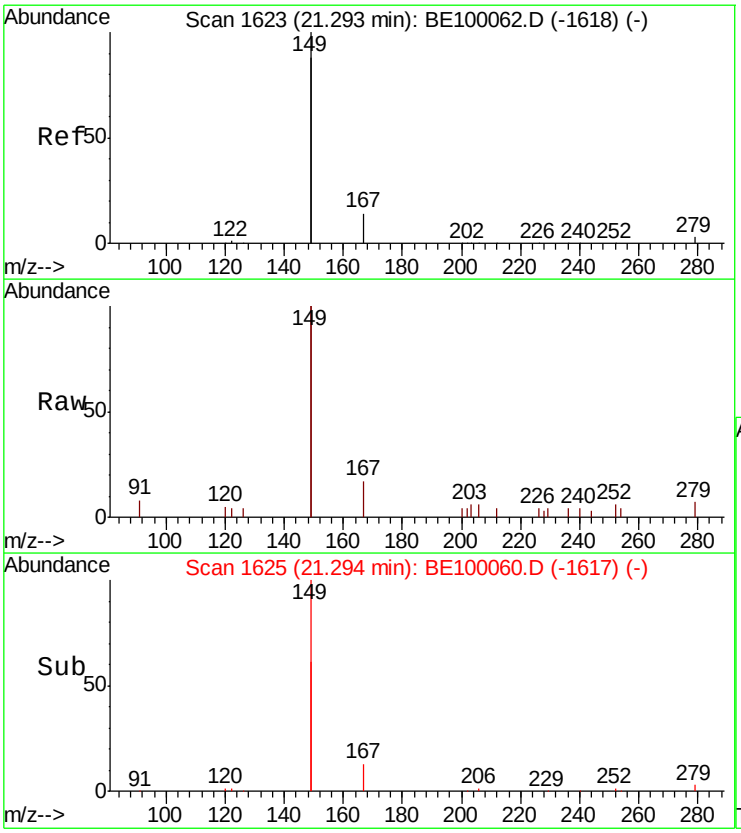
#31
Chrysene
Concen: 0.103 ng
RT: 21.44 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 2727

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.1	36.1
229	23.5	15.8	23.8

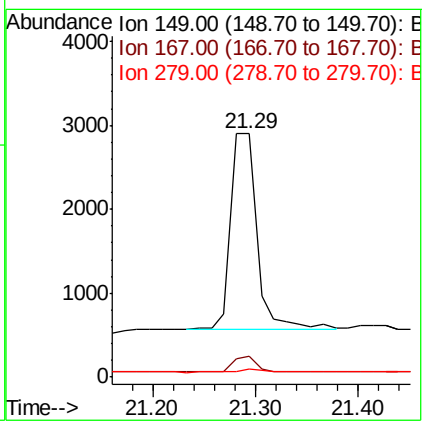


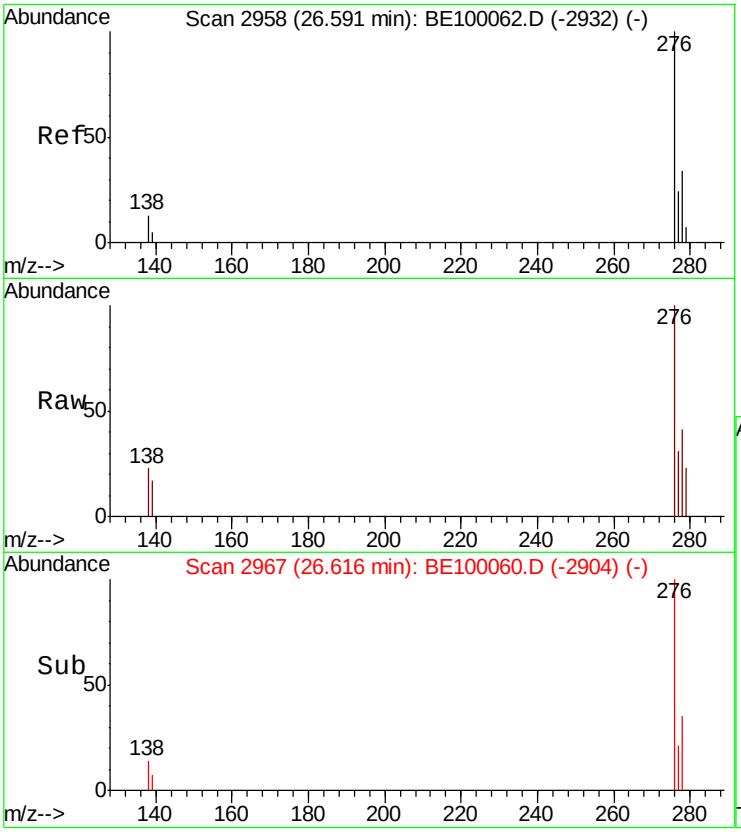


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.29 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:149 Resp: 4154

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	2.3	1.0	1.6#



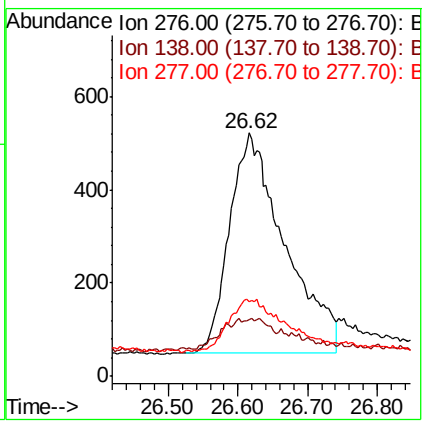


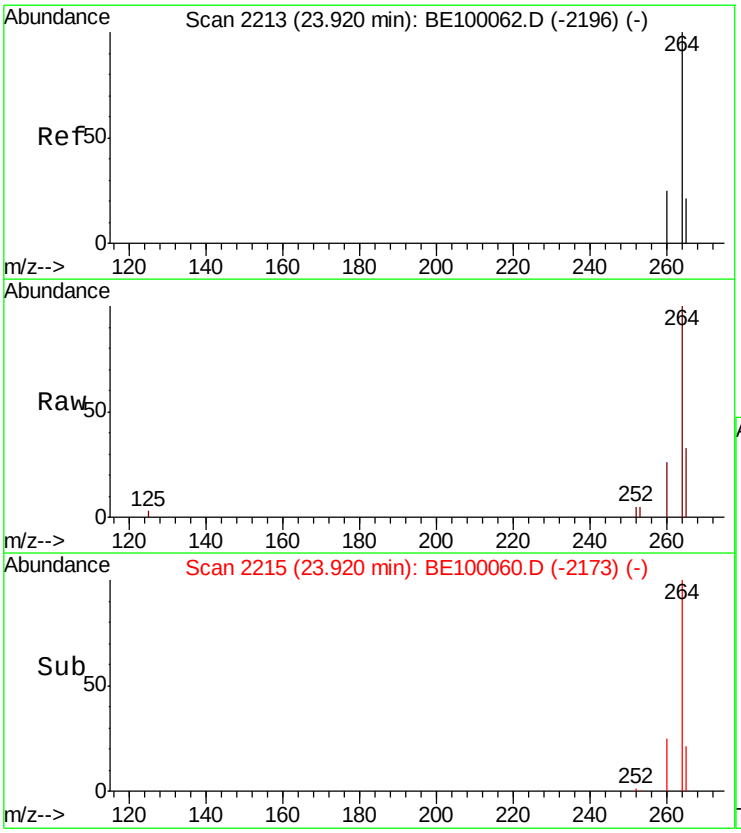
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng
RT: 26.62 min Scan# 2967
Delta R.T. 0.02 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 2602

Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.7	16.1#
277	9.0	19.0	28.6#

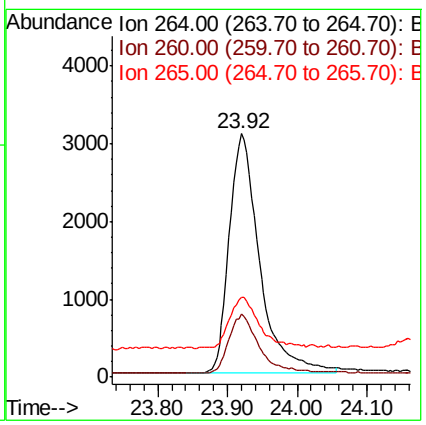


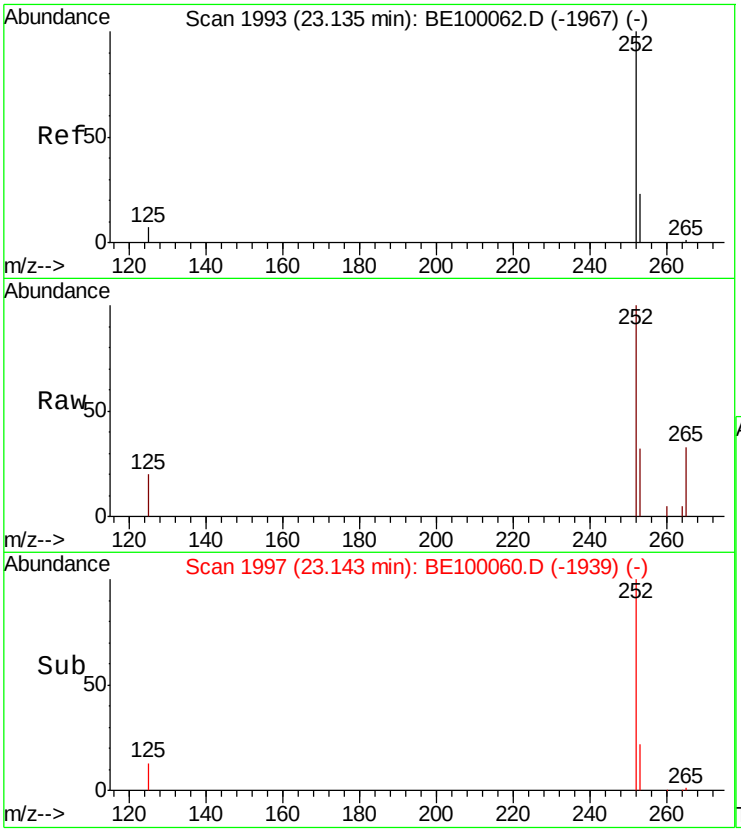


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:264 Resp: 9274

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.6	31.0
265	32.6	23.6	35.4



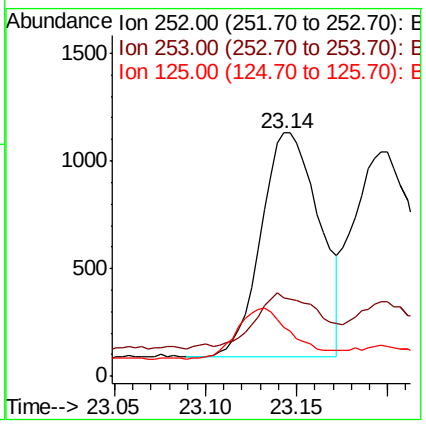


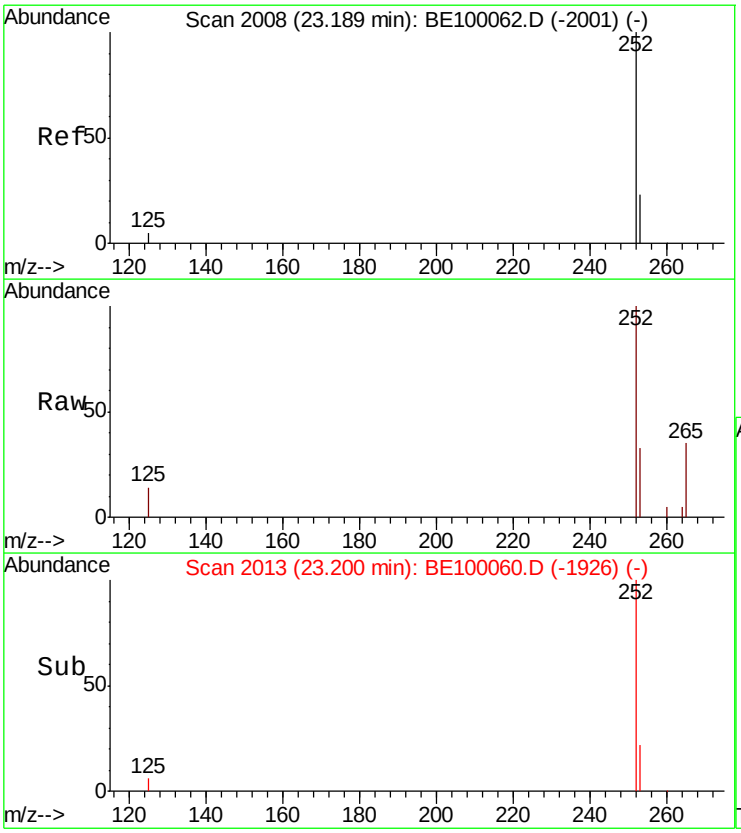
#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 23.14 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 2315

Ion	Ratio	Lower	Upper
252	100		
253	32.0	19.6	29.4#
125	20.2	7.2	10.8#

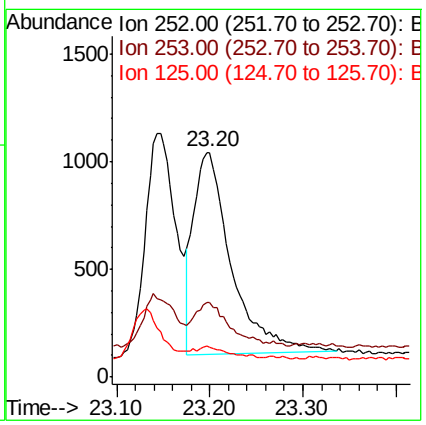


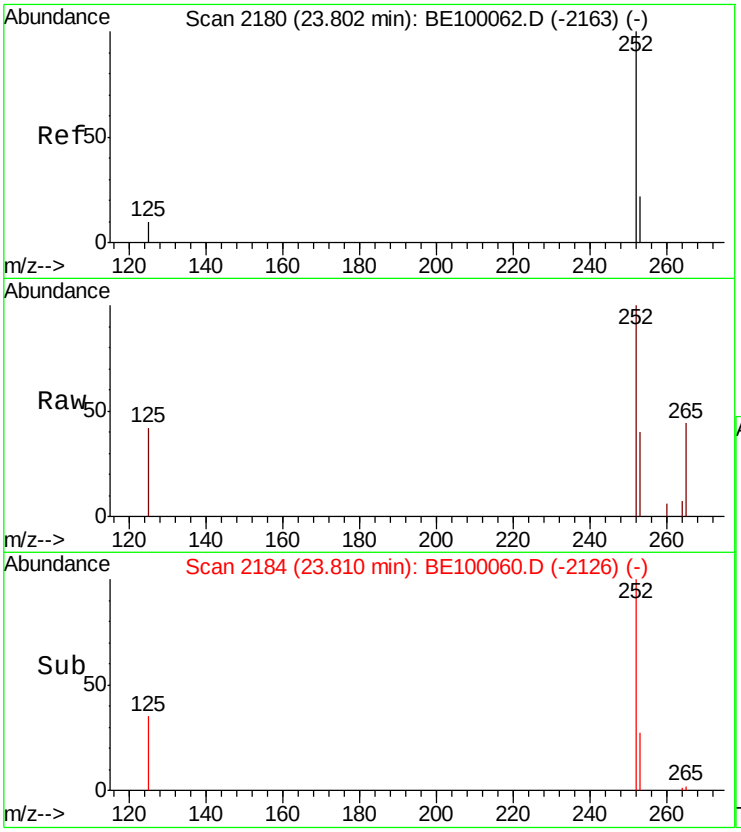


#36
Benzo(k)fluoranthene
Concen: 0.098 ng
RT: 23.20 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:252 Resp: 2664

Ion	Ratio	Lower	Upper
252	100		
253	33.1	19.3	28.9#
125	13.5	5.6	8.4#



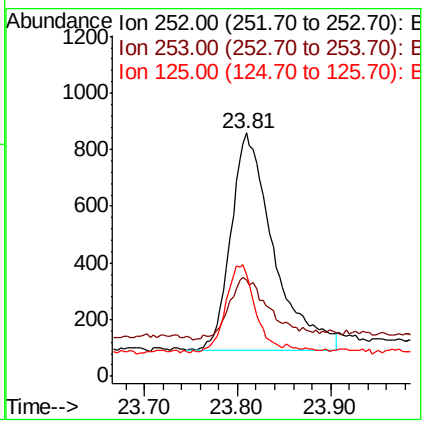


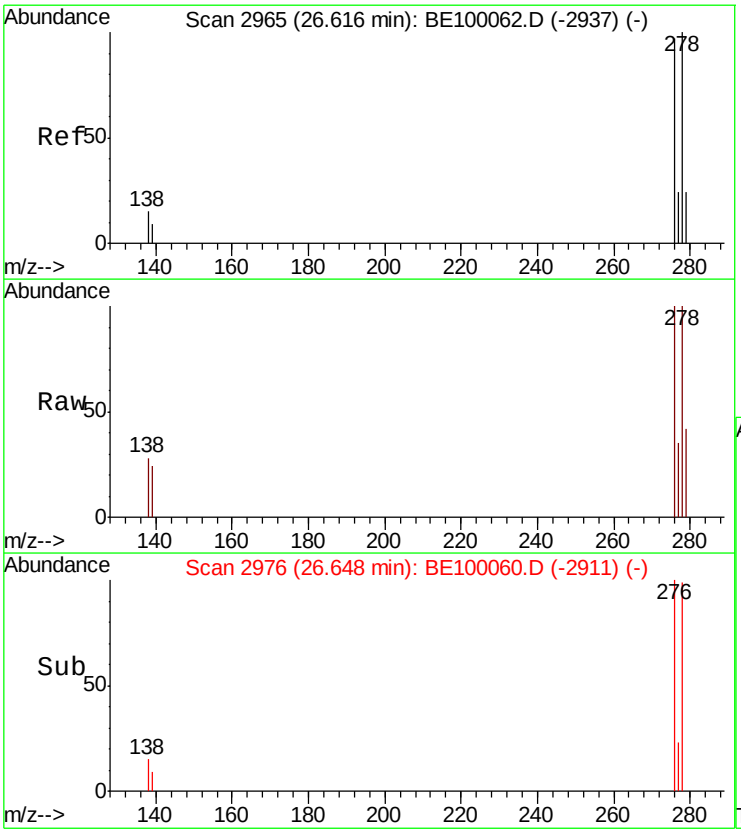
#37
Benzo(a)pyrene
Concen: 0.095 ng
RT: 23.81 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 2437

Ion	Ratio	Lower	Upper
252	100		
253	39.8	20.0	30.0#
125	41.9	9.6	14.4#

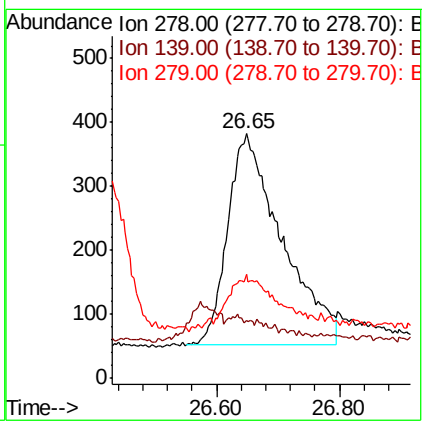


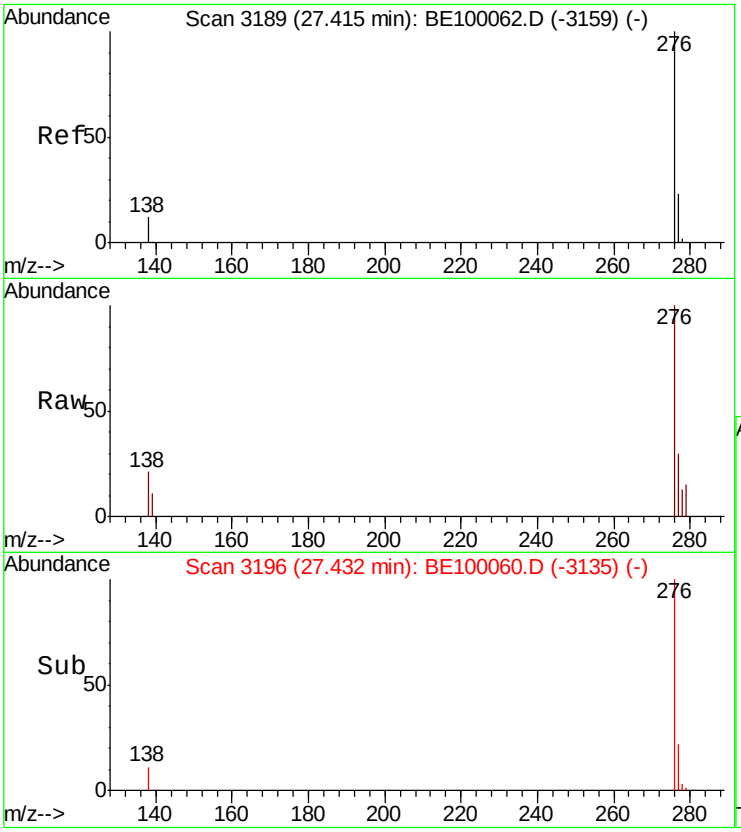


#38
Dibenzo(a,h)anthracene
Concen: 0.078 ng
RT: 26.65 min Scan# 2976
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:278 Resp: 2013

Ion	Ratio	Lower	Upper
278	100		
139	23.6	9.2	13.8#
279	42.1	21.4	32.0#





#39
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 27.43 min Scan# 3196
Delta R.T. 0.02 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 2366

Ion	Ratio	Lower	Upper
276	100		
277	30.0	19.4	29.2#
138	21.3	11.0	16.6#