Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
Data File : BE100420.D
Acq On : 12 Jul 2019 14:12
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 12 16:40:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 16:31:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	4871	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	20314	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	12486	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	32817	0.40	ng		0.00
27) Chrysene-d12	21.40	240	42069	0.40	ng		0.00
34) Perylene-d12	23.90	264	48784	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	23468	2.20	ng		0.00
5) Phenol-d6	7.04	99	34162	3.17	ng		0.00
8) Nitrobenzene-d5	9.03	82	14768	0.63	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	53562	1.53	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	6770	0.87	ng		0.00
15) 2-Fluorobiphenyl	13.14	172	71945	1.31	ng		0.00
25) Fluoranthene-d10	19.26	212	735723	1.36	ng		0.00
29) Terphenyl-d14	19.86	244	144086	1.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	13040	1.345	ng	#	100
3) n-Nitrosodimethylamine	3.69	42	9665	2.430	ng		88
6) bis(2-Chloroethyl)ether	7.31	93	26787	3.282	ng	#	1
9) Naphthalene	10.73	128	347346	1.596	ng		98
10) Hexachlorobutadiene	11.03	225	16744	0.549	ng		96
12) 2-Methylnaphthalene	12.34	142	60895	1.958	ng		96
16) Acenaphthylene	14.24	152	102385	1.719	ng		99
17) Acenaphthene	14.57	154	61353	1.809	ng		98
18) Fluorene	15.54	166	79880	1.415	ng		100
20) 4-Bromophenyl-phenylether	16.44	248	29255	1.464	ng		95
21) Hexachlorobenzene	16.56	284	30592	1.149	ng		96
22) Pentachlorophenol	16.89	266	8390	2.521	ng		93
23) Phenanthrene	17.28	178	140627	1.799	ng		99
24) Anthracene	17.38	178	141902	2.225	ng		99
26) Fluoranthene	19.29	202	198801	1.356	ng		100
28) Pyrene	19.65	202	209198	2.169	ng		100
30) Benzo(a)anthracene	21.39	228	238153	2.005	ng		99
31) Chrysene	21.44	228	228113	1.681	ng		100
32) Bis(2-ethylhexyl)phthalate	21.33	149	368897	3.600	ng		100
33) Indeno(1,2,3-cd)pyrene	26.54	276	283220	1.494	ng	#	100
35) Benzo(b)fluoranthene	23.13	252	241955	1.859	ng		98
36) Benzo(k)fluoranthene	23.18	252	254000	1.576	ng		97
37) Benzo(a)pyrene	23.79	252	231740	1.691	ng		97
38) Dibenzo(a,h)anthracene	26.57	278	233348	1.728	ng		99
39) Benzo(g,h,i)perylene	27.34	276	229890	1.430	ng		98

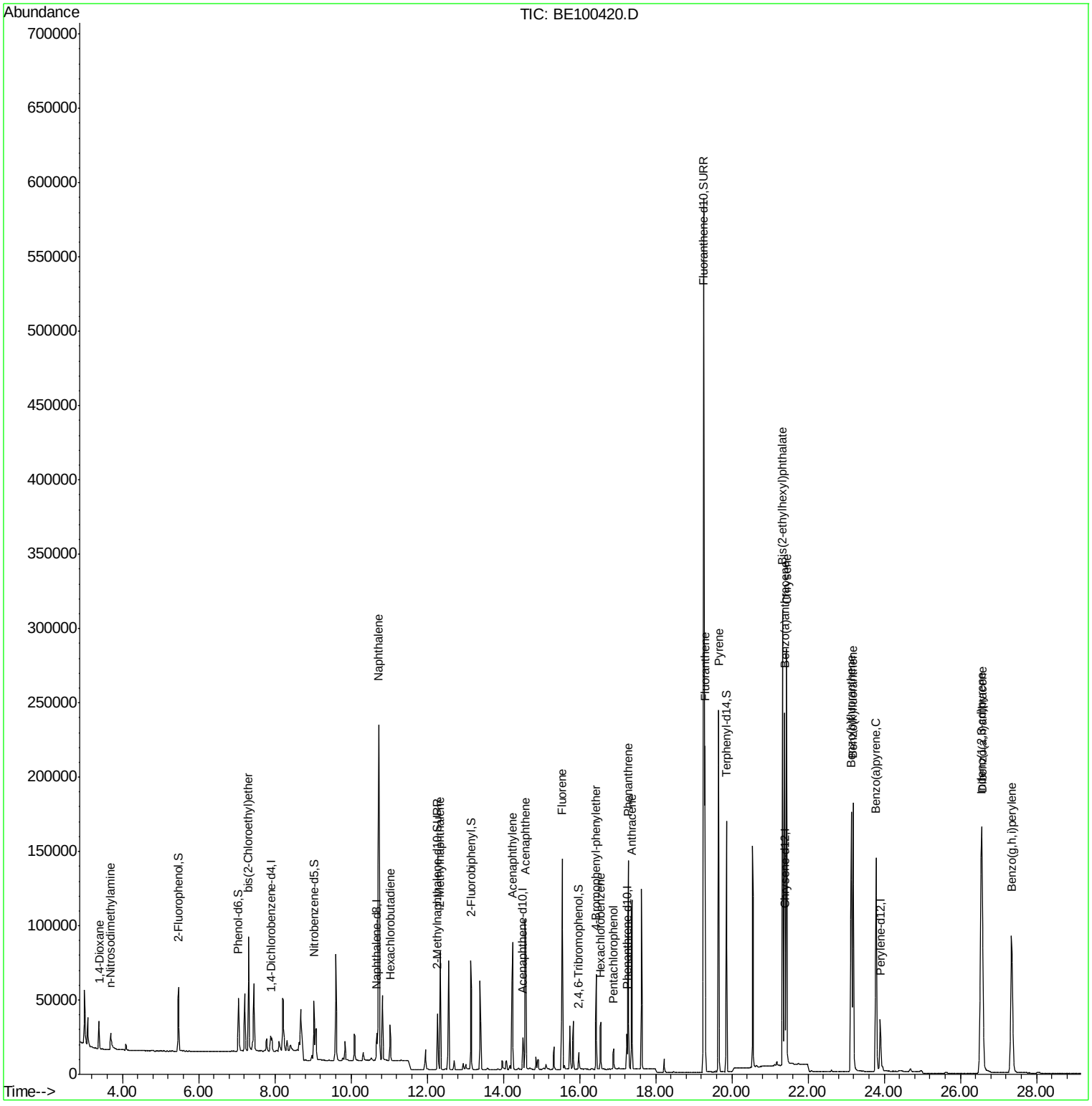
(#) = qualifier out of range (m) = manual integration (+) = signals summed

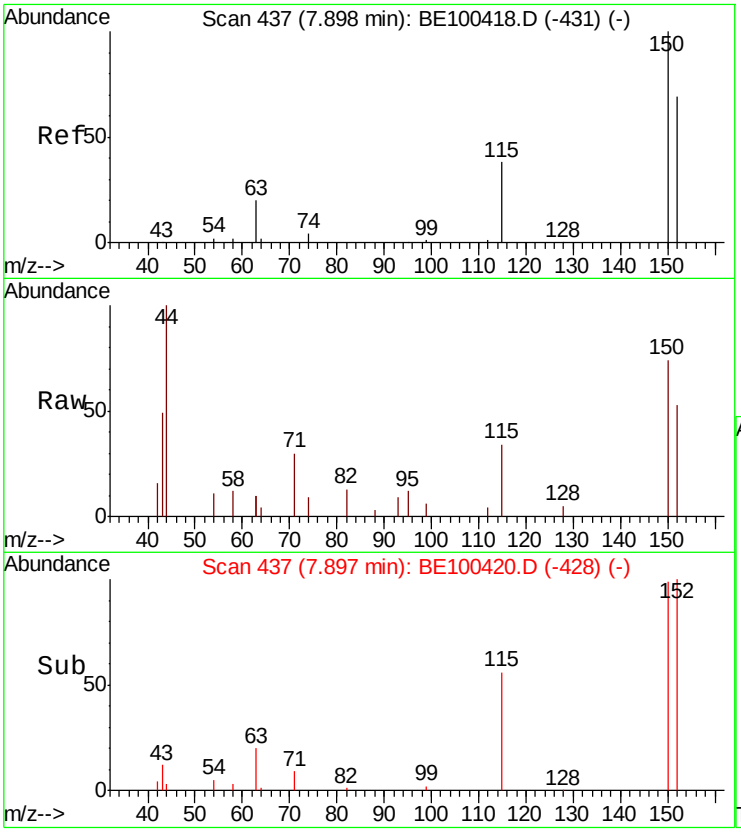
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
Data File : BE100420.D
Acq On : 12 Jul 2019 14:12
Operator : HP/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 12 16:40:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 16:31:47 2019
Response via : Initial Calibration



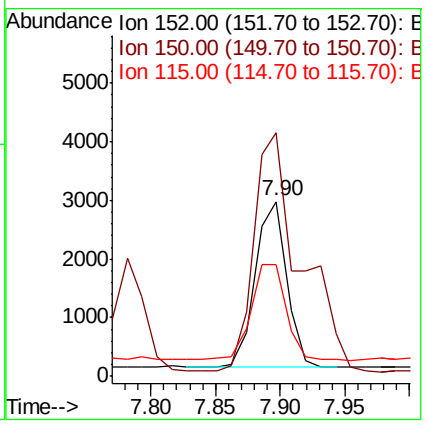


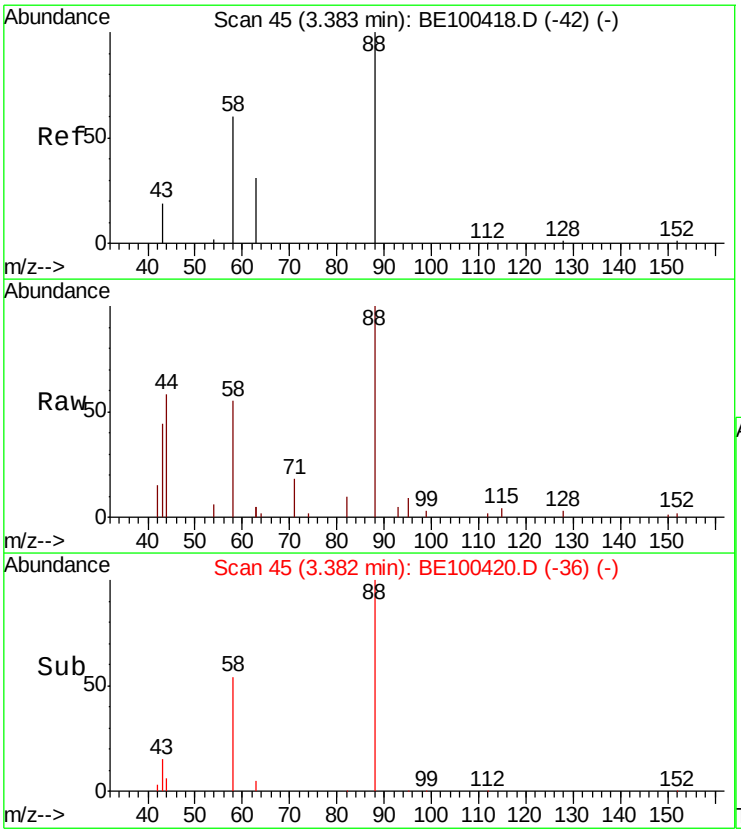
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4871

Ion	Ratio	Lower	Upper
152	100		
150	139.1	108.8	163.2
115	63.6	54.2	81.2

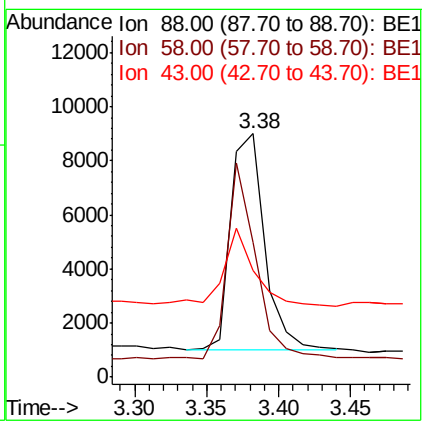


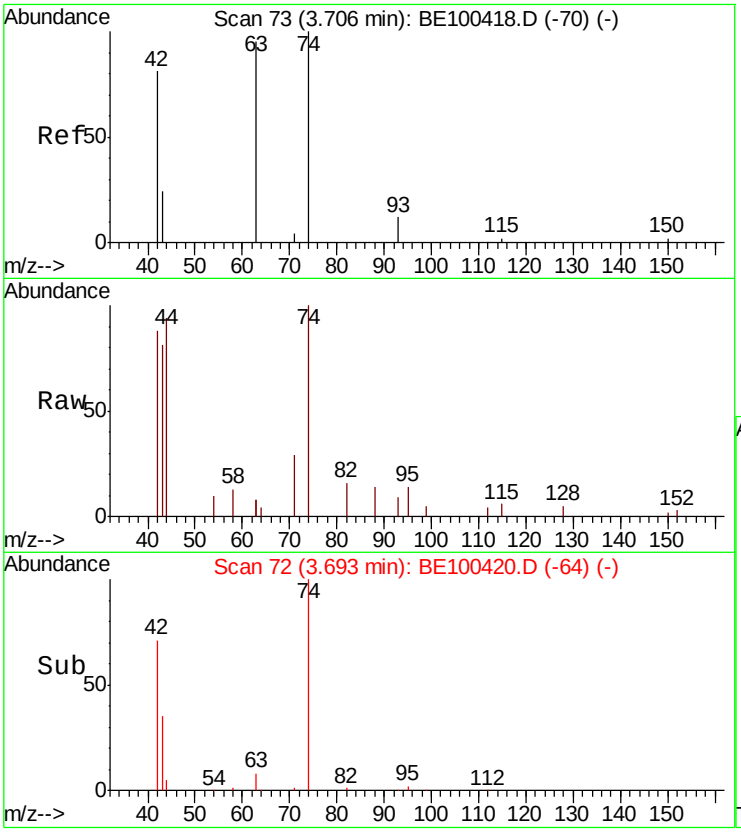


#2
1,4-Dioxane
Concen: 1.345 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion: 88 Resp: 13040

Ion	Ratio	Lower	Upper
88	100		
58	78.2	0.0	0.0#
43	33.9	0.0	0.0#



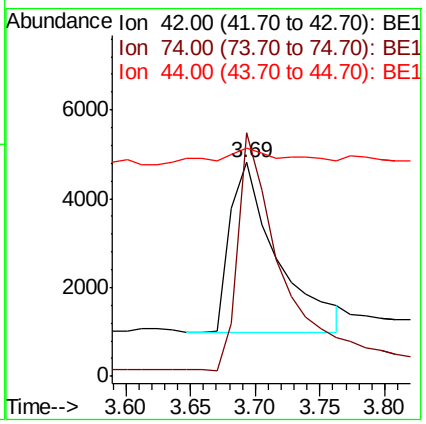


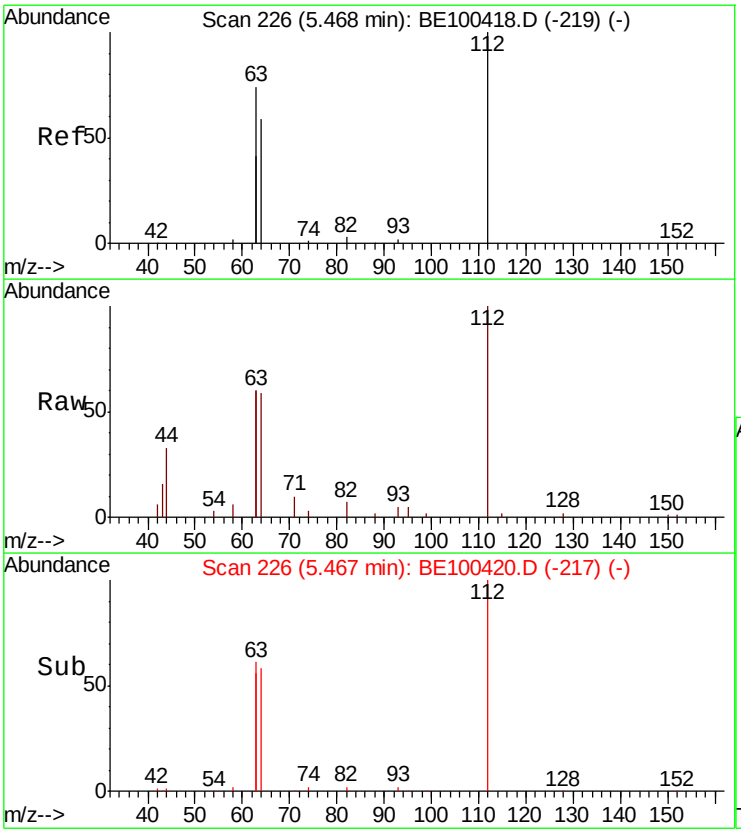
#3
n-Nitrosodimethylamine
Concen: 2.430 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.01 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 9665

Ion	Ratio	Lower	Upper
42	100		
74	124.9	112.3	168.5
44	15.2	15.0	22.4

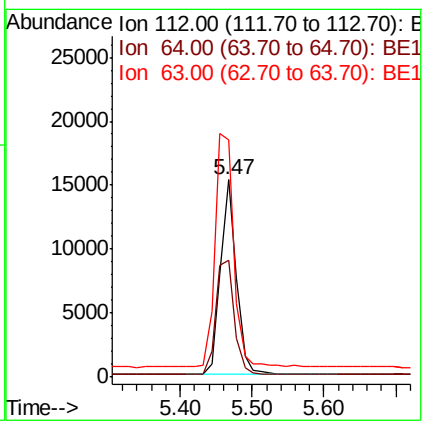


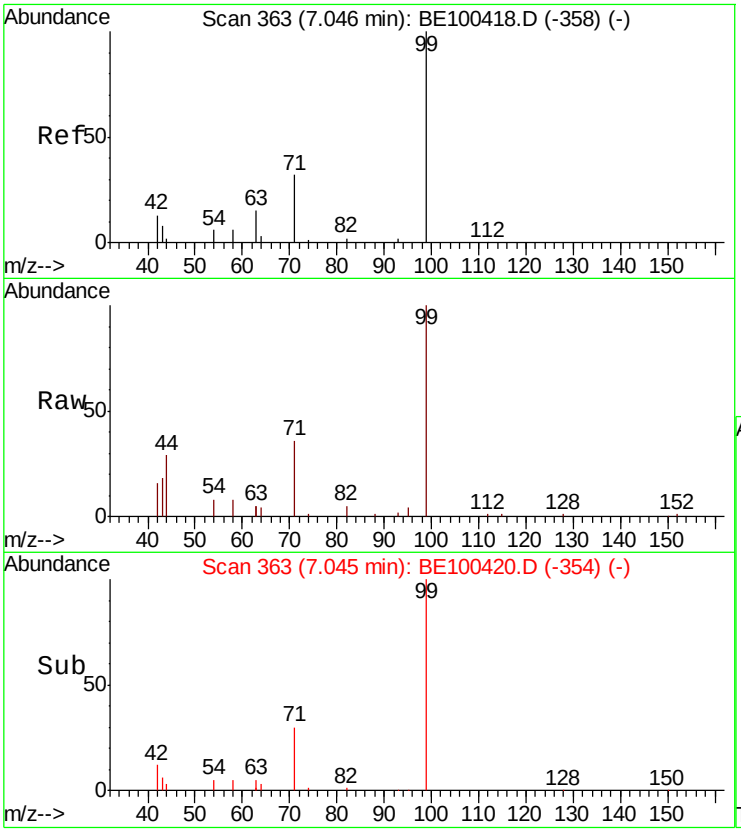


#4
2-Fluorophenol
Concen: 2.199 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:112 Resp: 23468

Ion	Ratio	Lower	Upper
112	100		
64	68.0	56.6	84.8
63	140.5	120.2	180.4



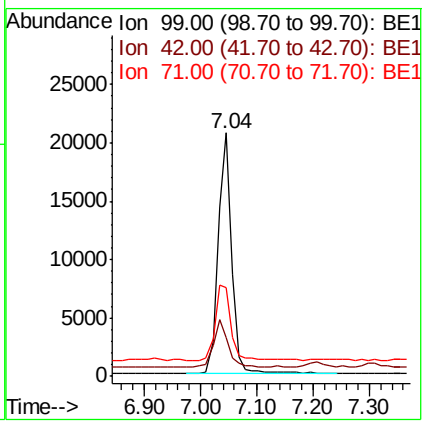


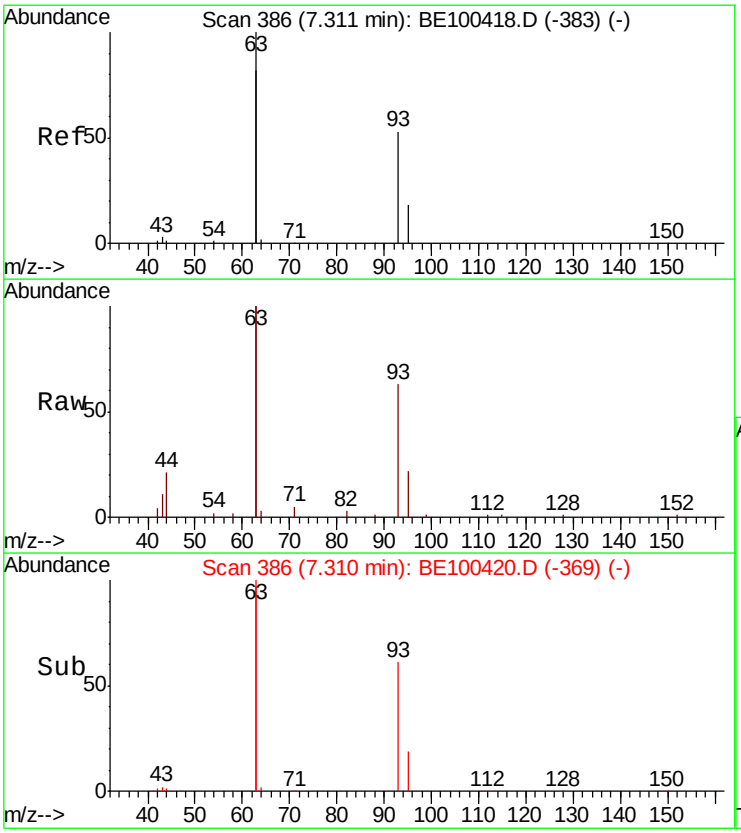
#5
Phenol-d6
Concen: 3.171 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 34162

Ion	Ratio	Lower	Upper
99	100		
42	20.3	0.0	0.0#
71	35.5	0.0	0.0#

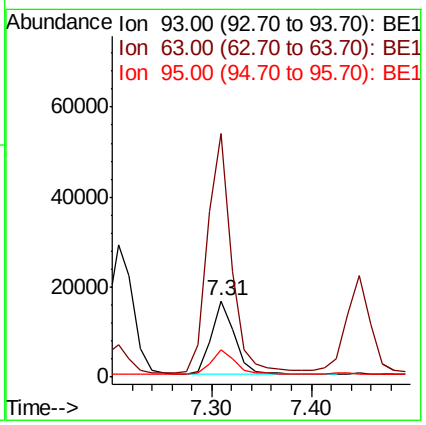


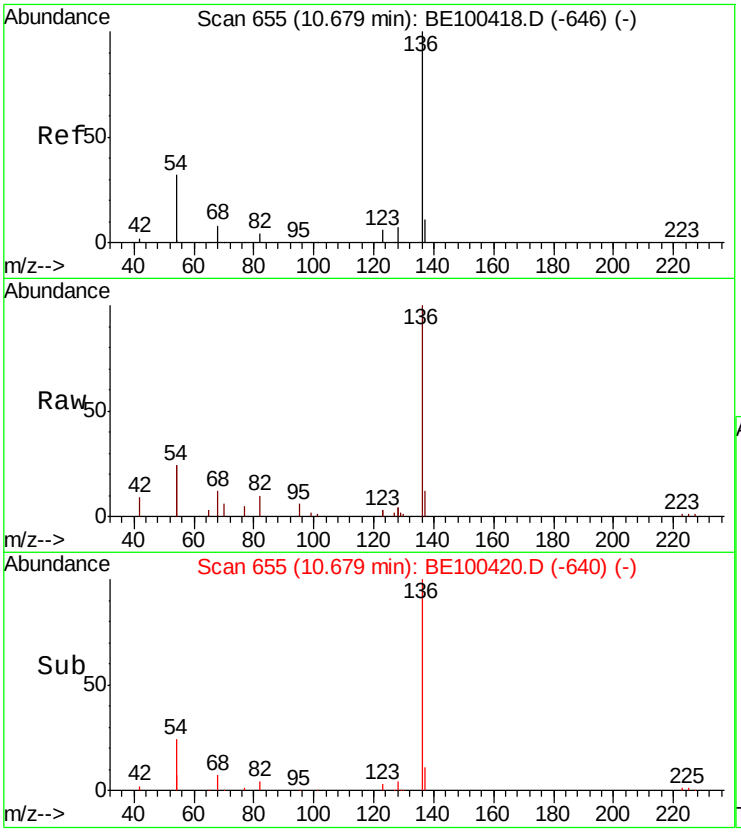


#6
bis(2-Chloroethyl)ether
Concen: 3.282 ng
RT: 7.31 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion: 93 Resp: 26787

Ion	Ratio	Lower	Upper
93	100		
63	334.7	101.4	152.2#
95	32.3	0.0	0.0#



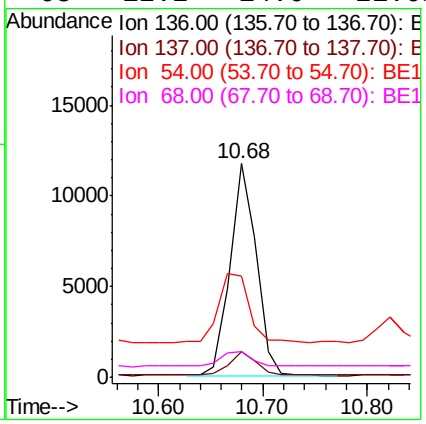


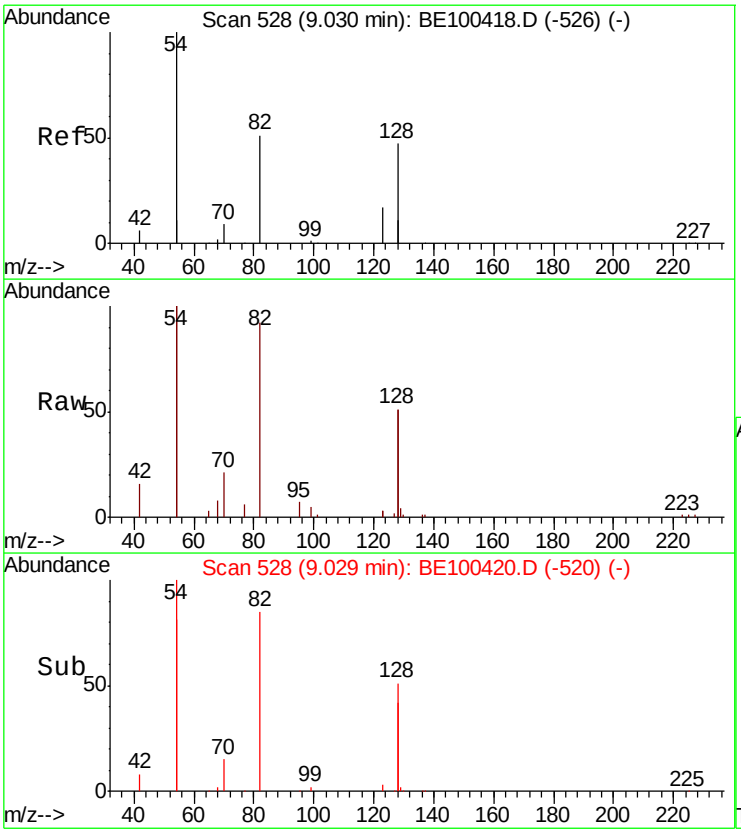
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 20314

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.1	15.1
54	47.1	49.8	74.6#
68	12.2	14.0	21.0#

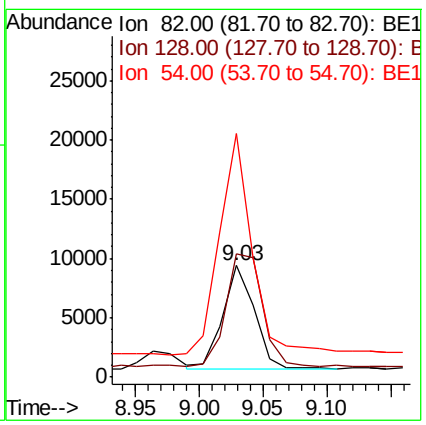


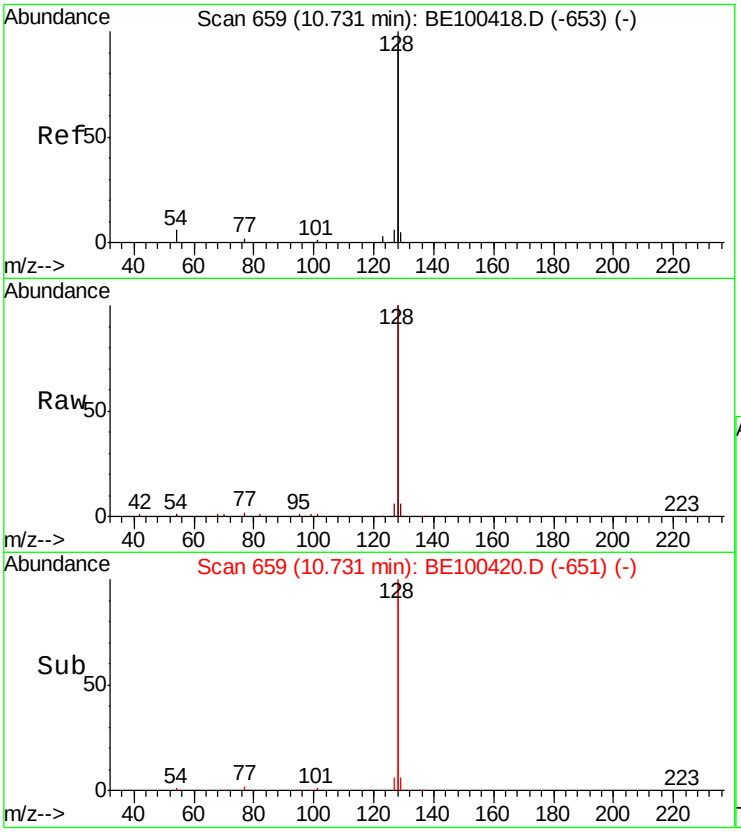


#8
Nitrobenzene-d5
Concen: 0.633 ng
RT: 9.03 min Scan# 528
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion: 82 Resp: 14768

Ion	Ratio	Lower	Upper
82	100		
128	111.0	88.3	132.5
54	218.3	189.6	284.4



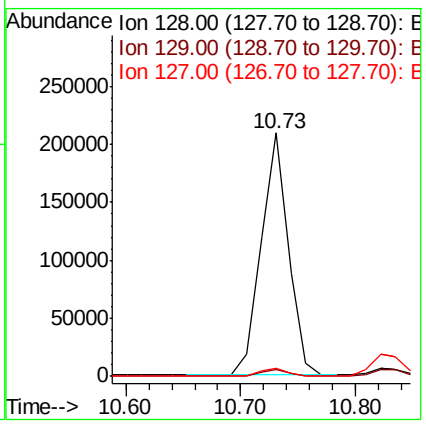


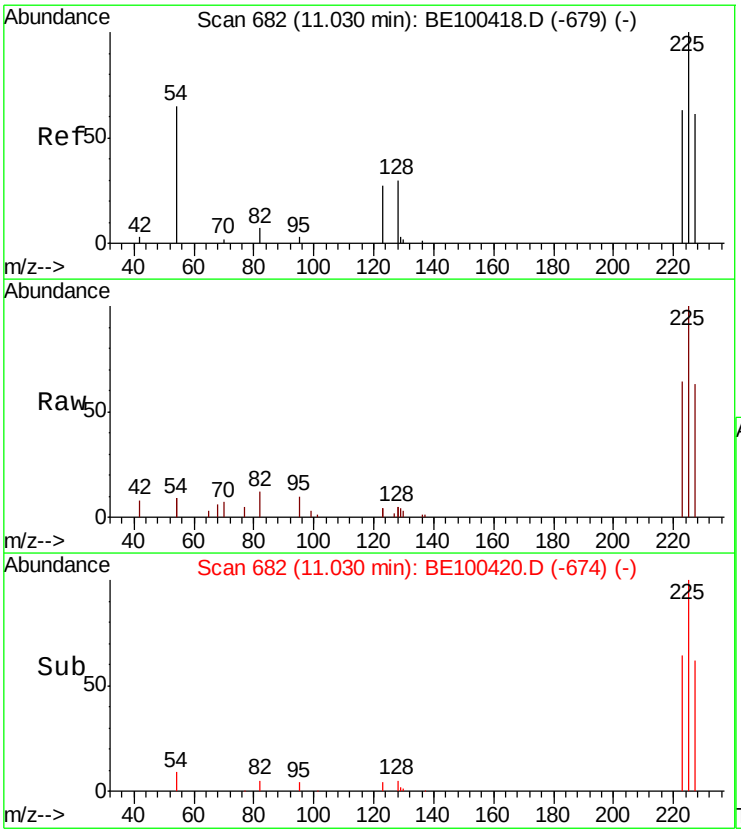
#9
Naphthalene
Concen: 1.596 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 347346

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.7	4.1
127	3.2	3.0	4.4

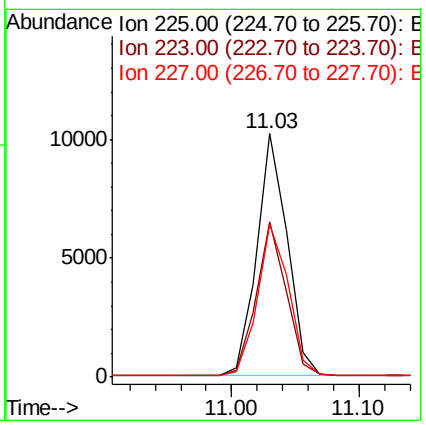


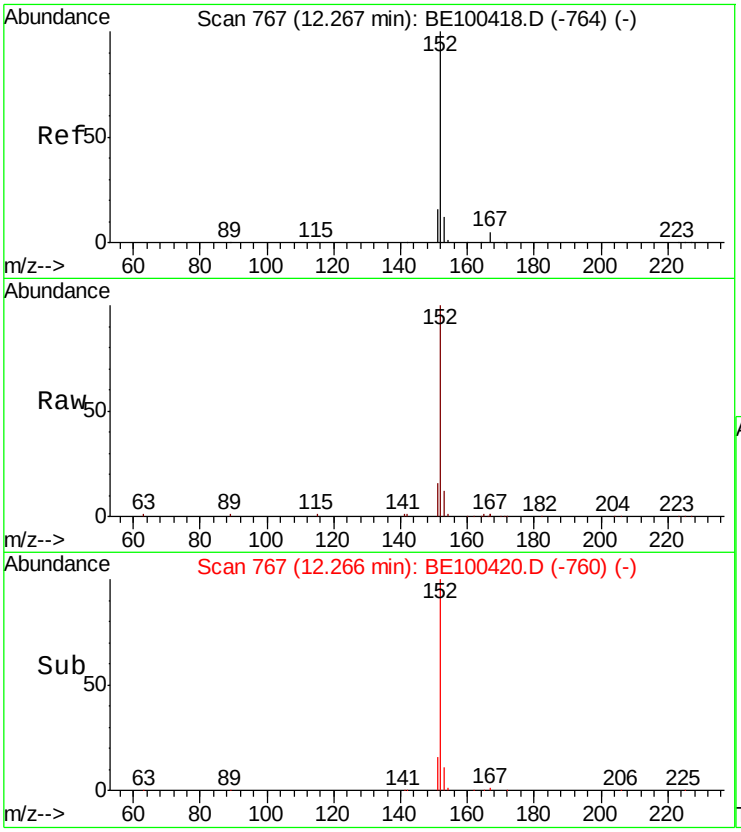


#10
Hexachlorobutadiene
Concen: 0.549 ng
RT: 11.03 min Scan# 682
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:225 Resp: 16744

Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.2	72.4
227	64.0	47.8	71.6



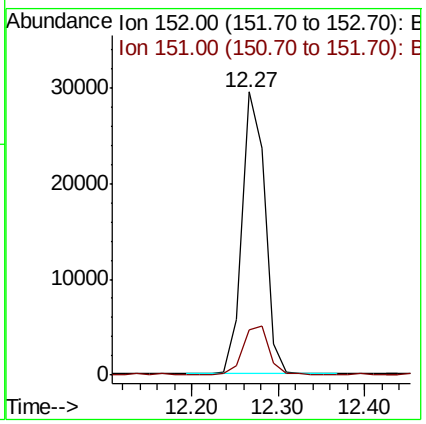


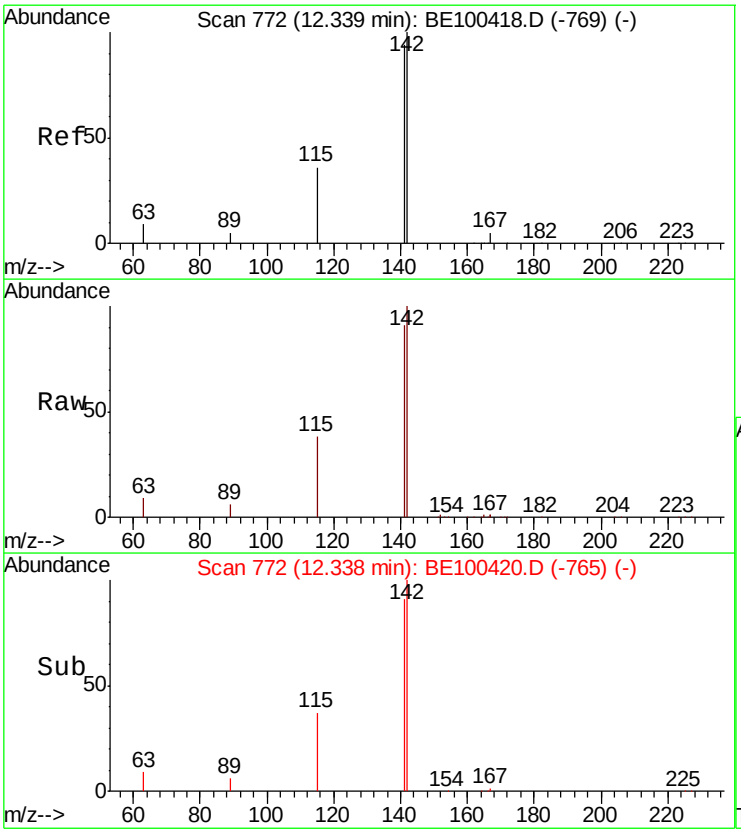
#11
2-Methylnaphthalene-d10
Concen: 1.525 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 53562

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.6

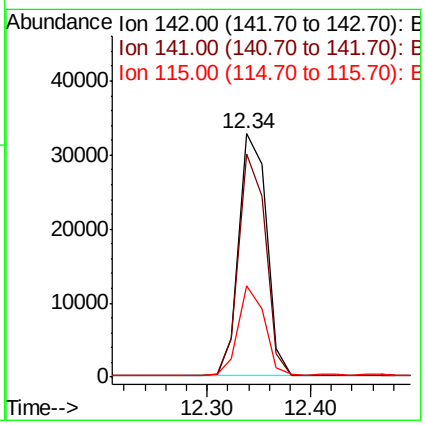


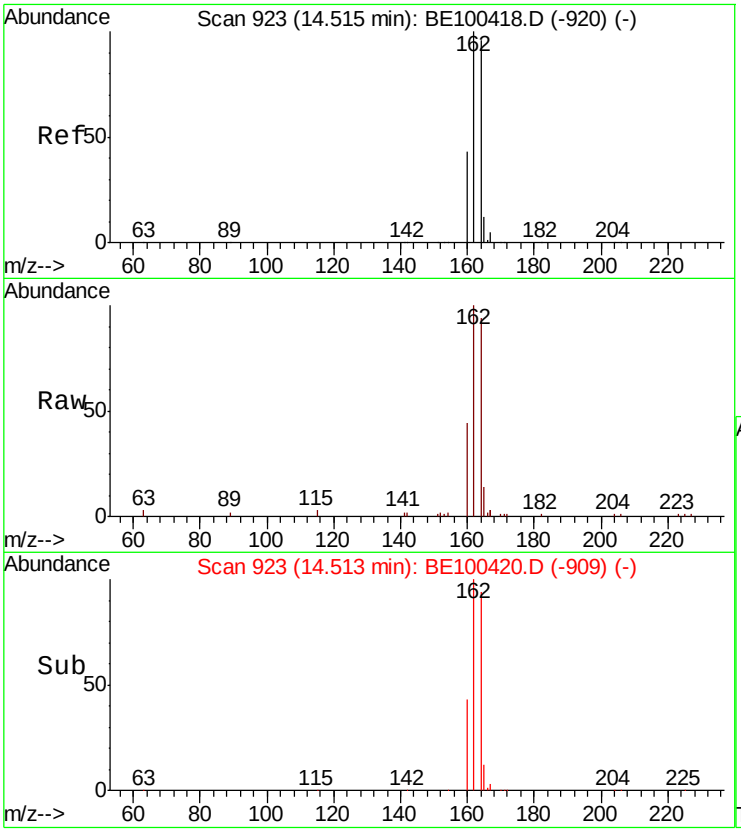


#12
2-Methylnaphthalene
Concen: 1.958 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:142 Resp: 60895

Ion	Ratio	Lower	Upper
142	100		
141	91.5	76.2	114.2
115	37.5	32.6	49.0



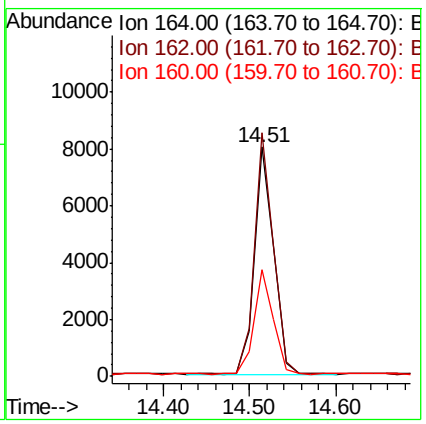


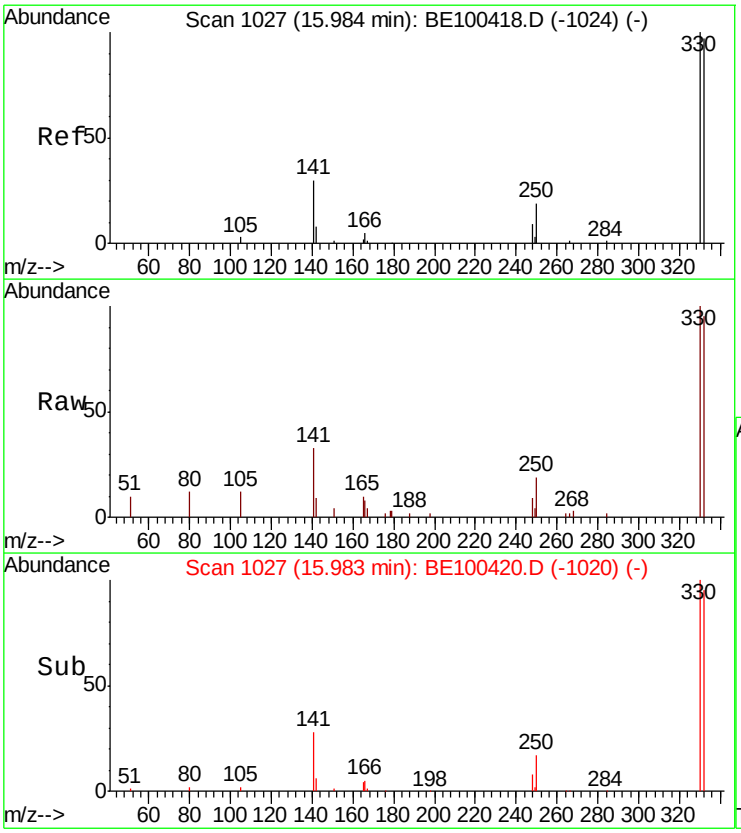
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 12486

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.0	124.4
160	46.7	37.0	55.4

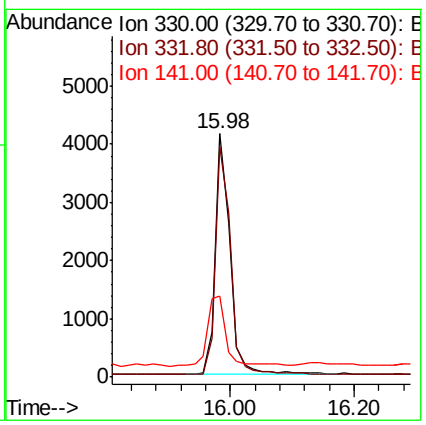


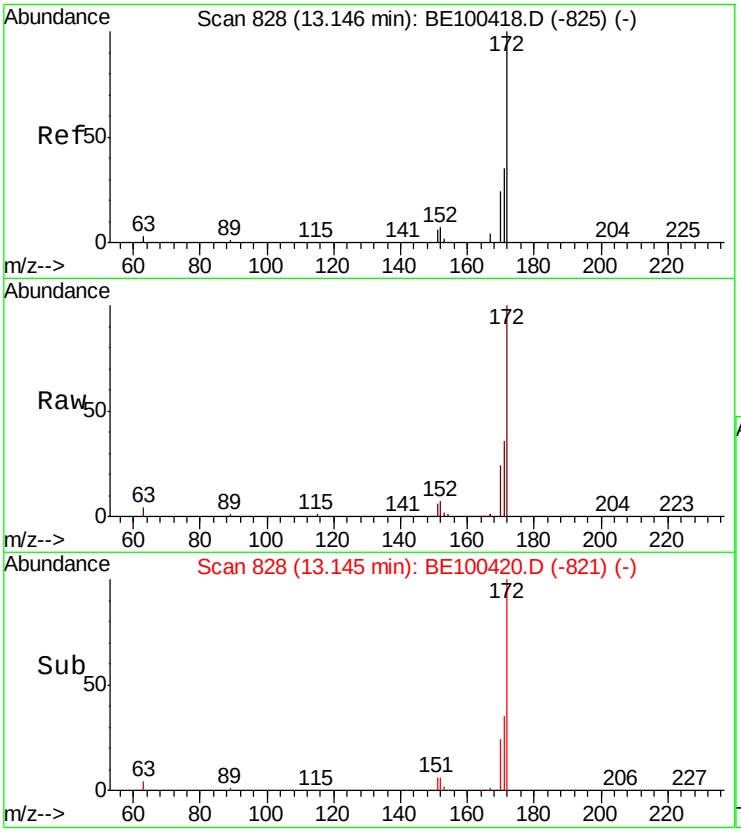


#14
2,4,6-Tribromophenol
Concen: 0.875 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:330 Resp: 6770

Ion	Ratio	Lower	Upper
330	100		
332	97.9	82.2	123.2
141	34.2	30.0	45.0



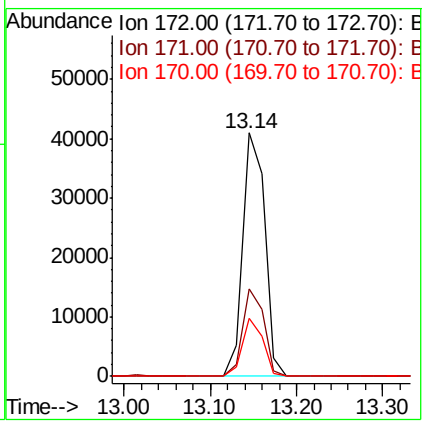


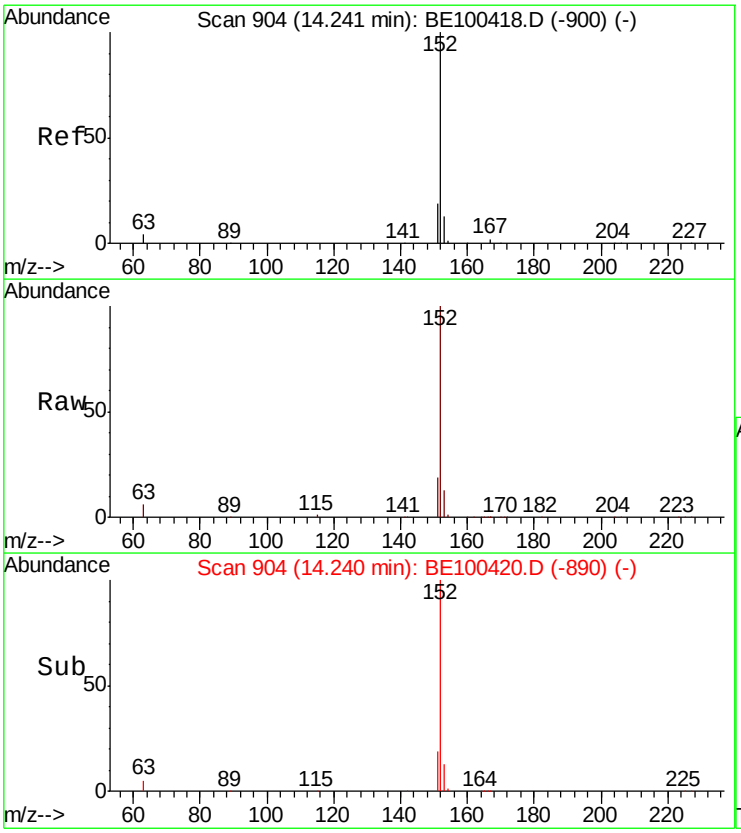
#15
2-Fluorobiphenyl
Concen: 1.312 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 71945

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.8	19.7	29.5

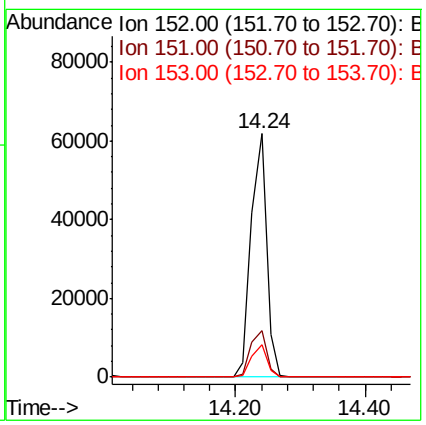


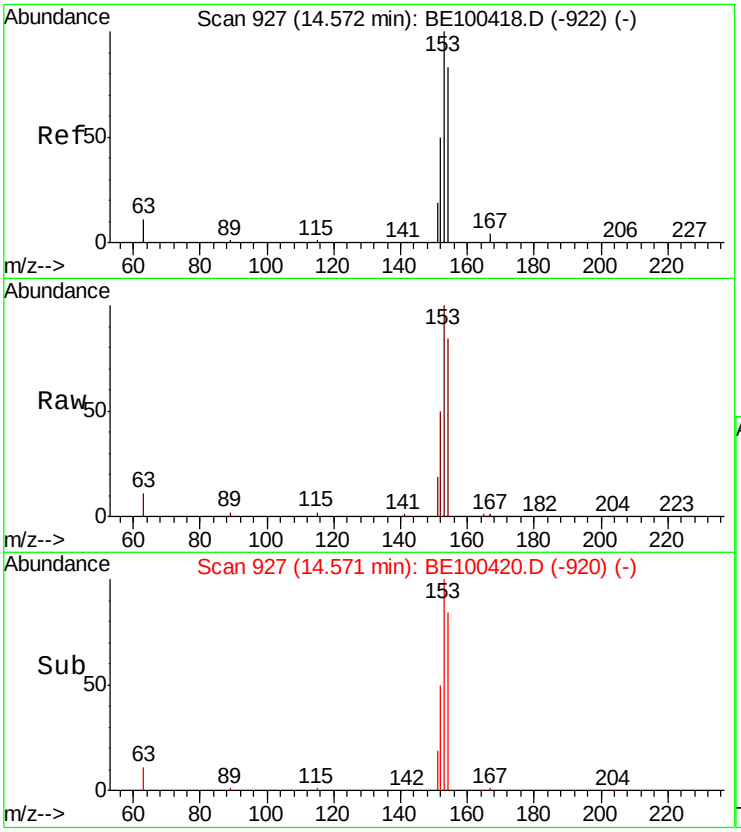


#16
Acenaphthylene
Concen: 1.719 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:152 Resp: 102385

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.0	10.9	16.3



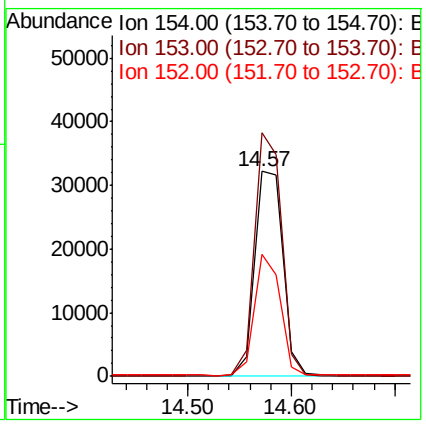


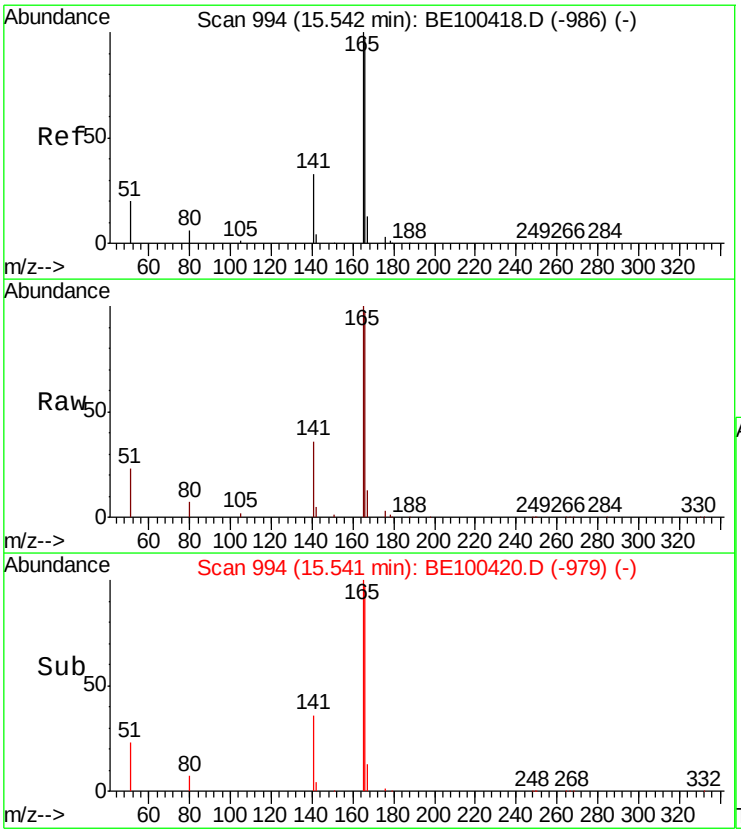
#17
Acenaphthene
Concen: 1.809 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 61353

Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.6	138.8
152	54.3	44.5	66.7

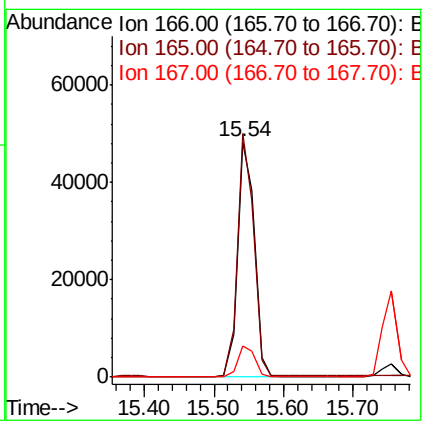


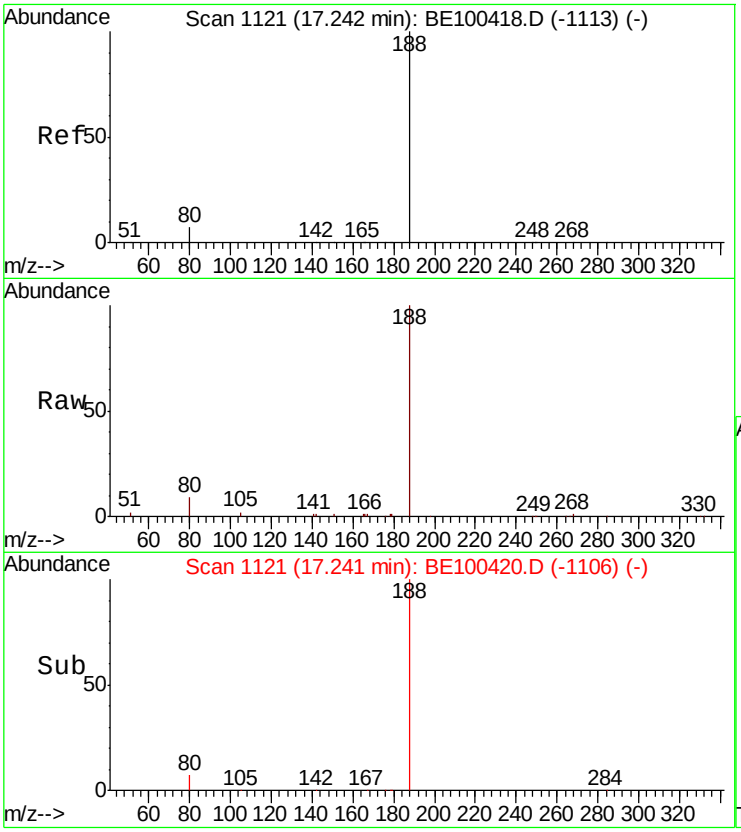


#18
Fluorene
Concen: 1.415 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:166 Resp: 79880

Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.0	120.0
167	13.6	11.0	16.4



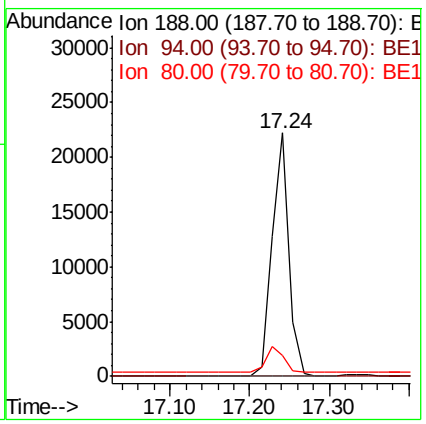


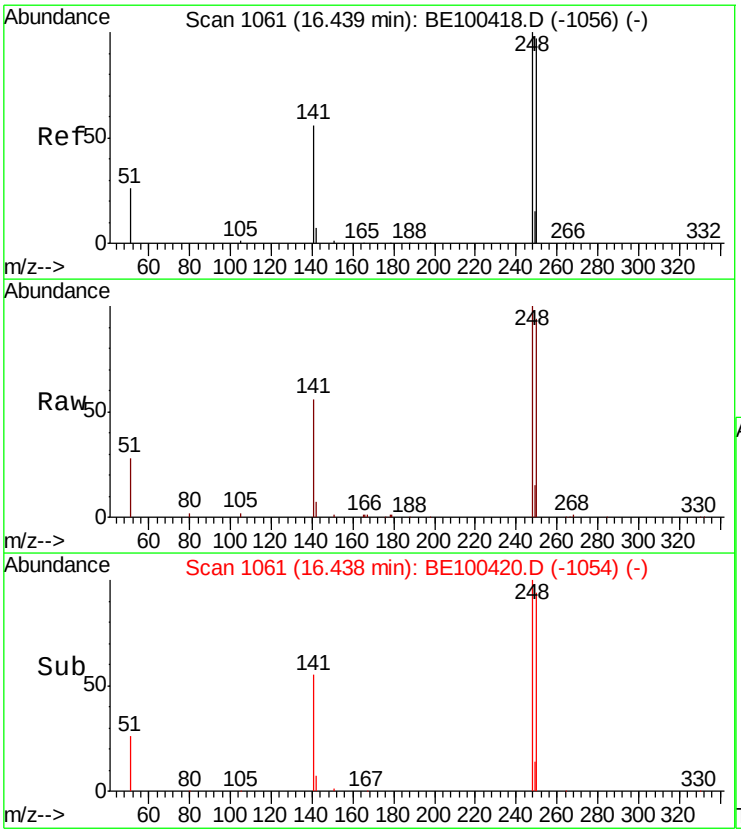
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 32817

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.7	11.5

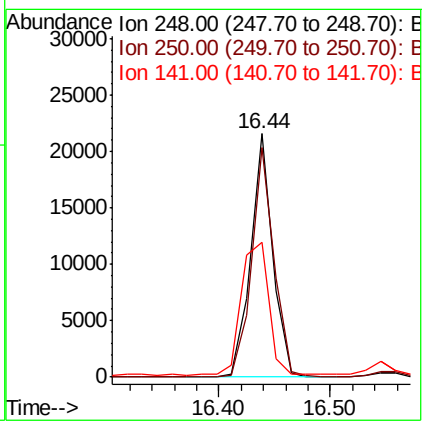


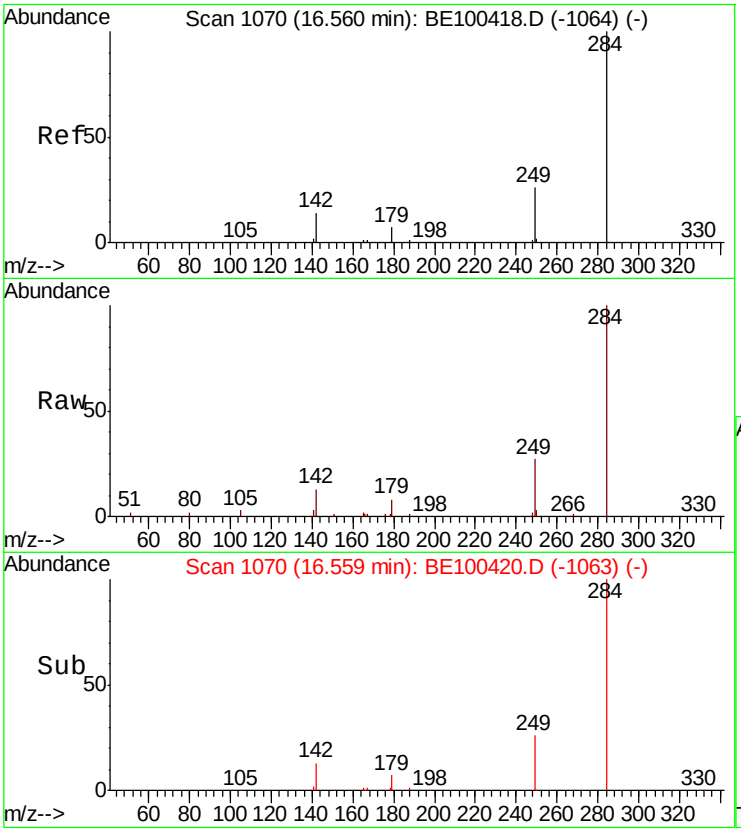


#20
4-Bromophenyl-phenylether
Concen: 1.464 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:248 Resp: 29255

Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.8	116.6
141	55.6	49.0	73.6



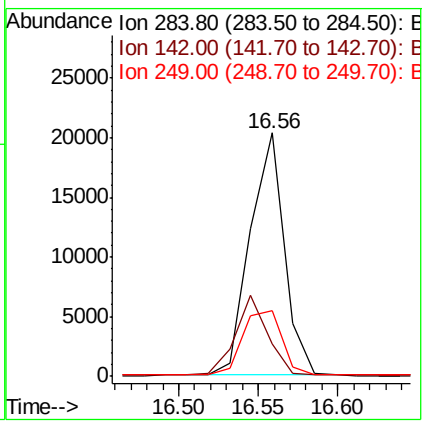


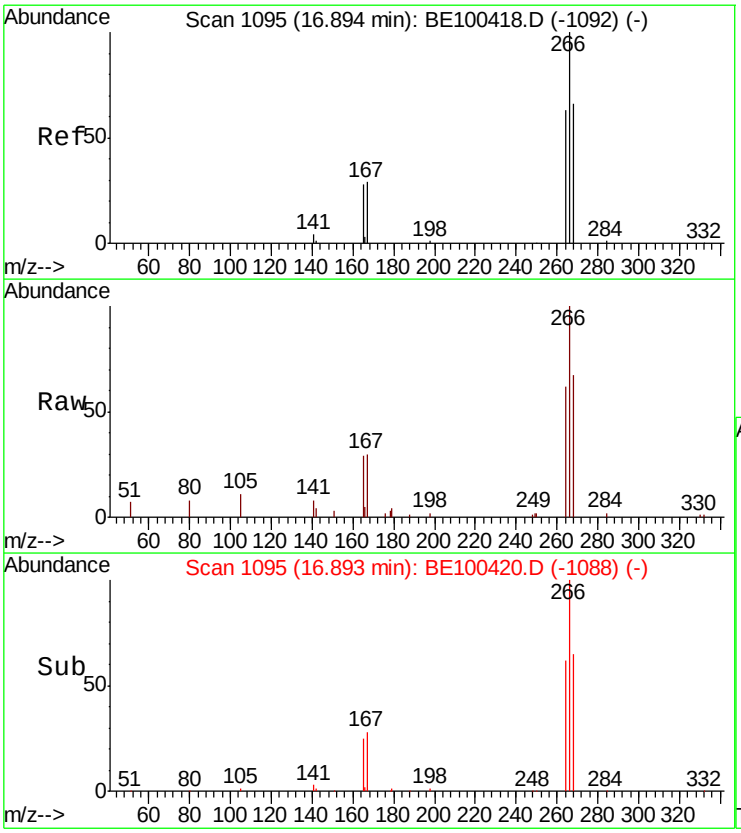
#21
Hexachlorobenzene
Concen: 1.149 ng
RT: 16.56 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 30592

Ion	Ratio	Lower	Upper
284	100		
142	30.4	26.7	40.1
249	30.8	25.6	38.4

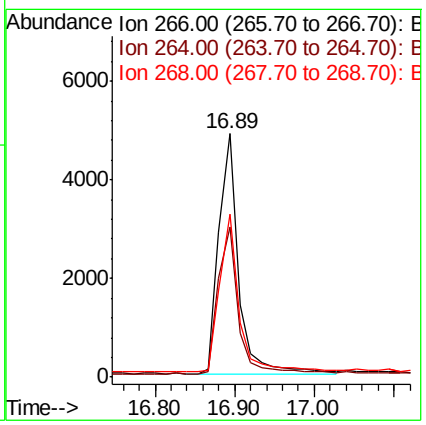


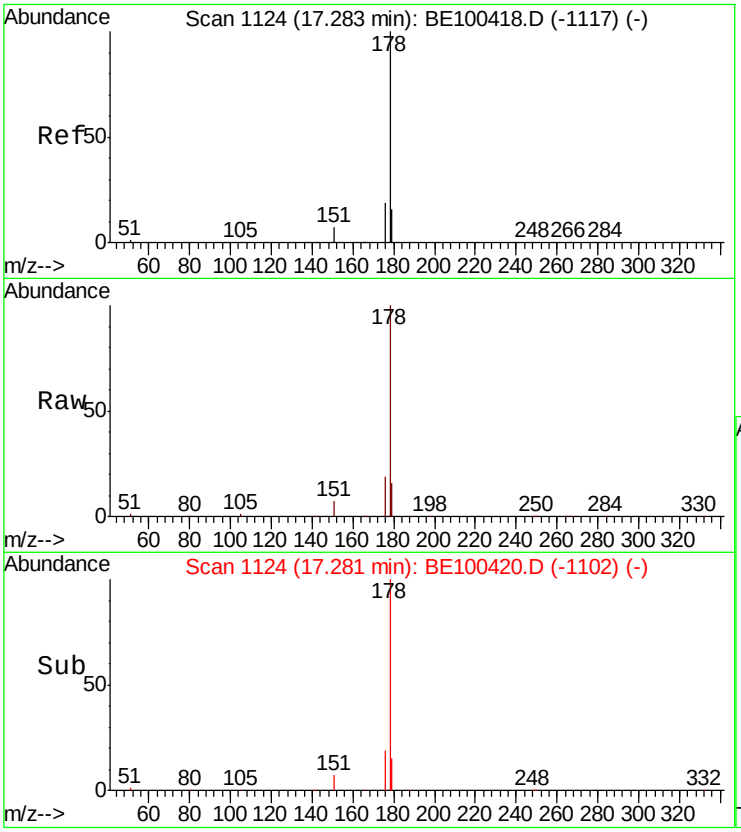


#22
Pentachlorophenol
Concen: 2.521 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:266 Resp: 8390

Ion	Ratio	Lower	Upper
266	100		
264	61.9	53.3	79.9
268	66.8	59.1	88.7



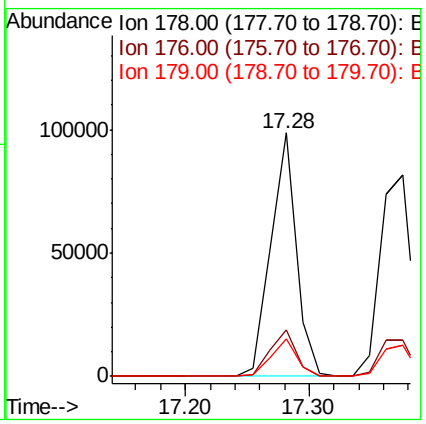


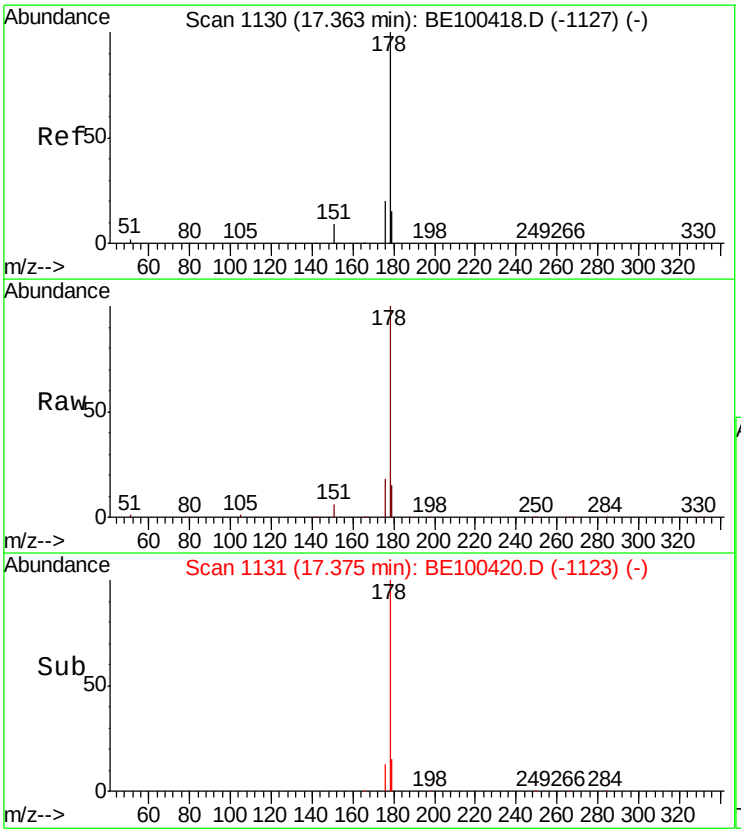
#23
Phenanthrene
Concen: 1.799 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 140627

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.6	18.8

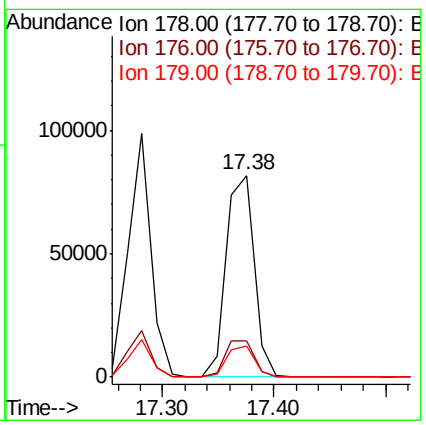


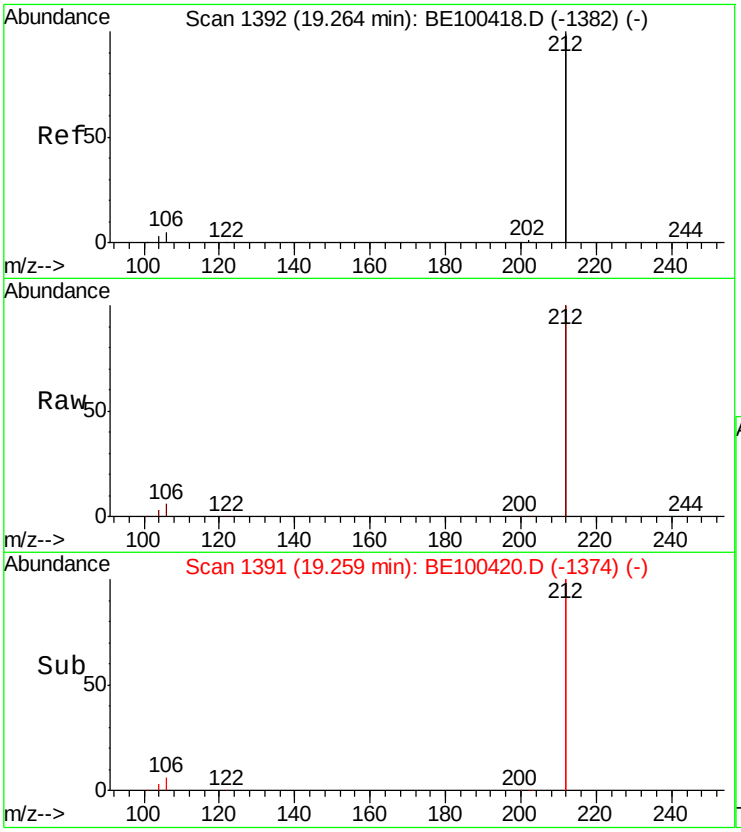


#24
Anthracene
Concen: 2.225 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:178 Resp: 141902

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.1	12.6	19.0



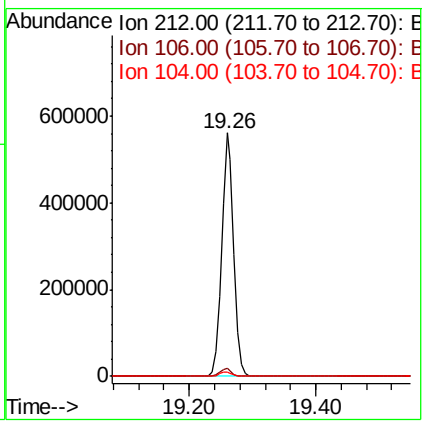


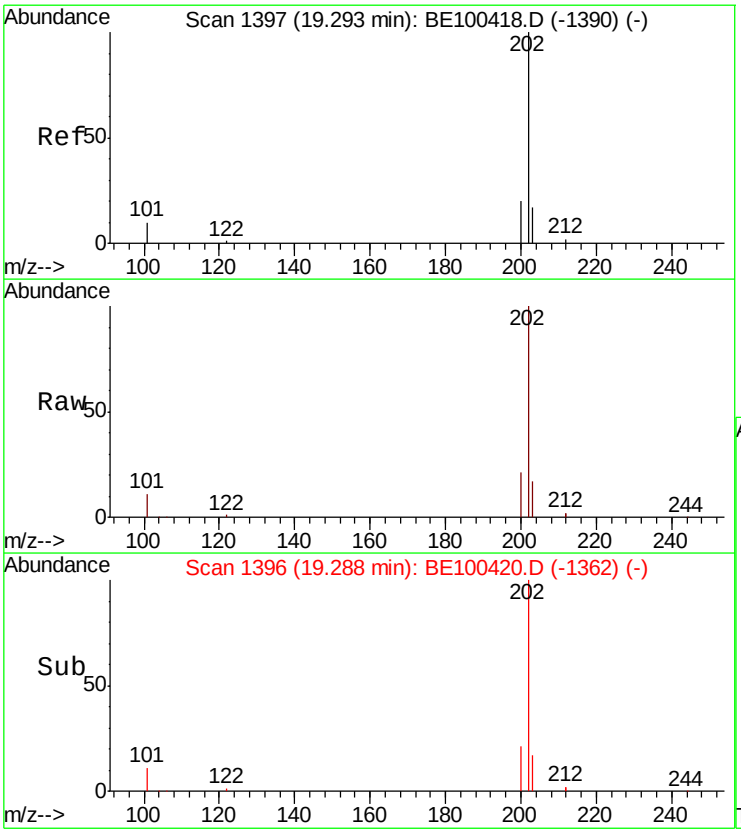
#25
Fluoranthene-d10
Concen: 1.358 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 735723

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.5	3.7
104	1.7	1.4	2.0

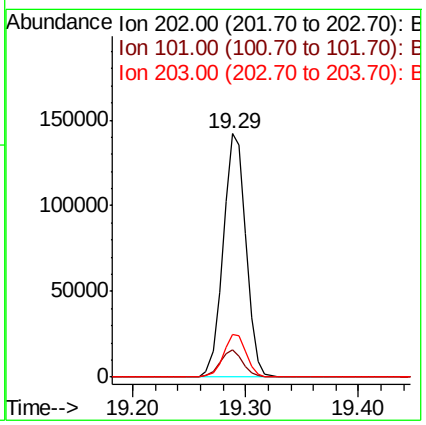


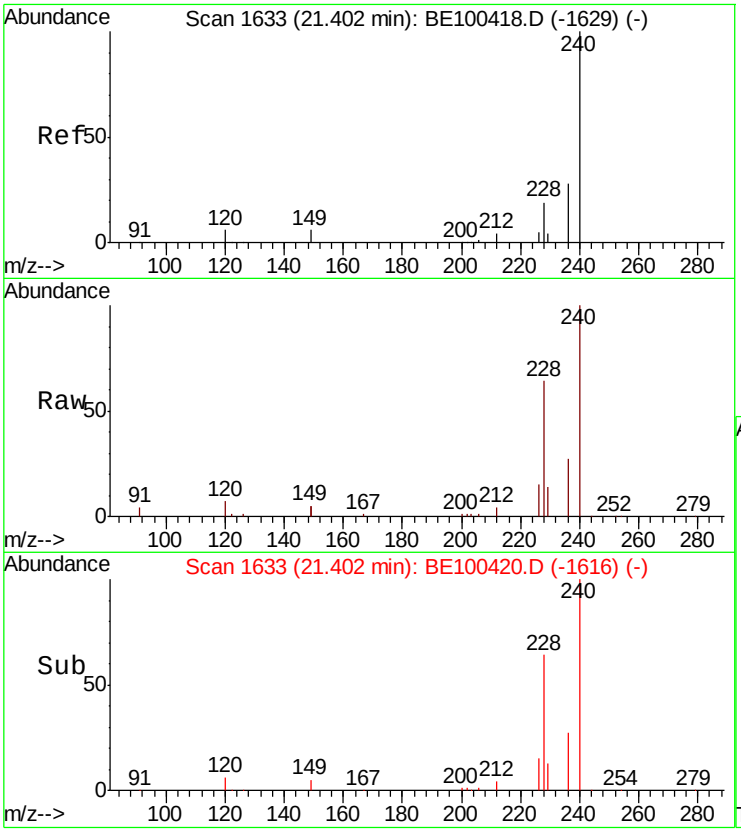


#26
Fluoranthene
Concen: 1.356 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:202 Resp: 198801

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
203	17.3	13.8	20.6



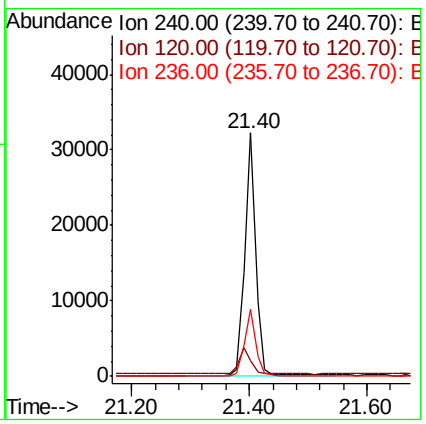


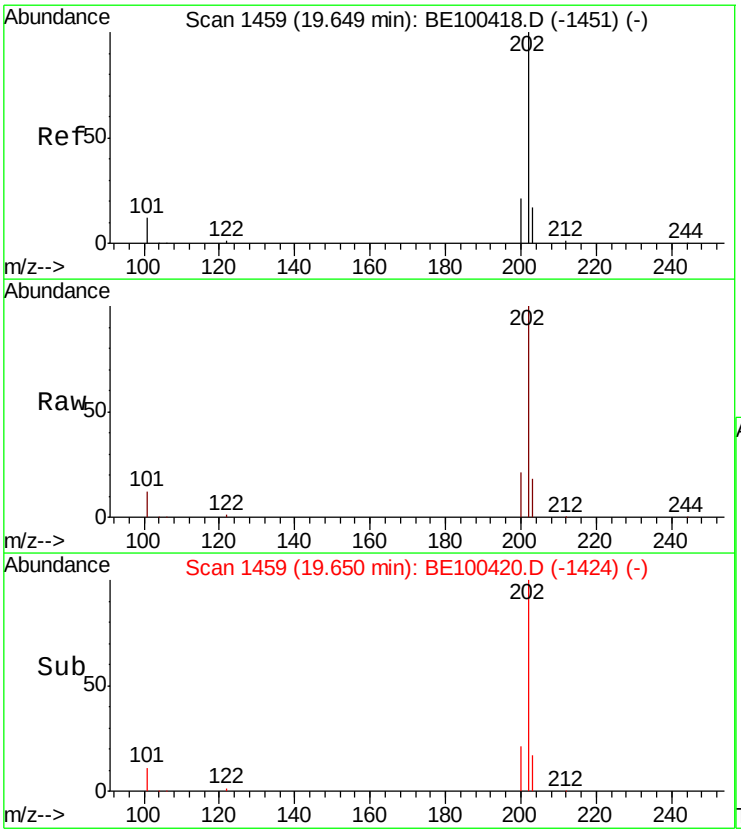
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 42069

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	27.3	22.5	33.7

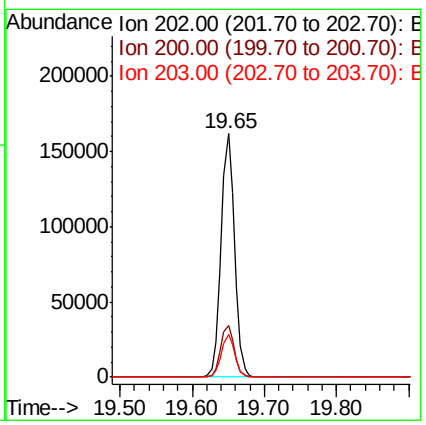


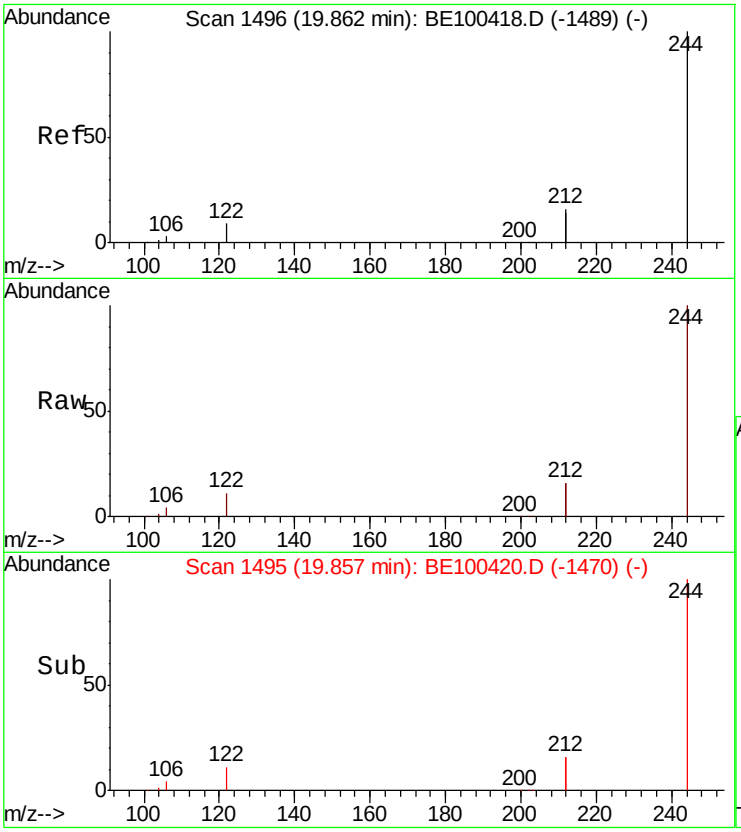


#28
Pyrene
Concen: 2.169 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:202 Resp: 209198

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.5	14.1	21.1



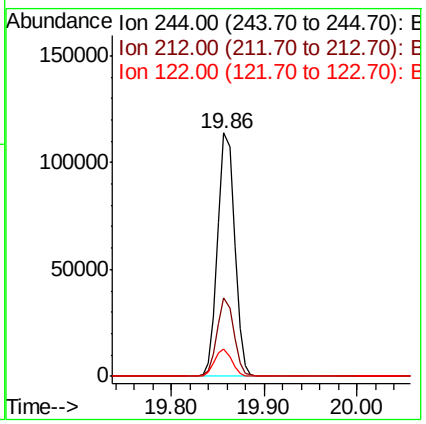


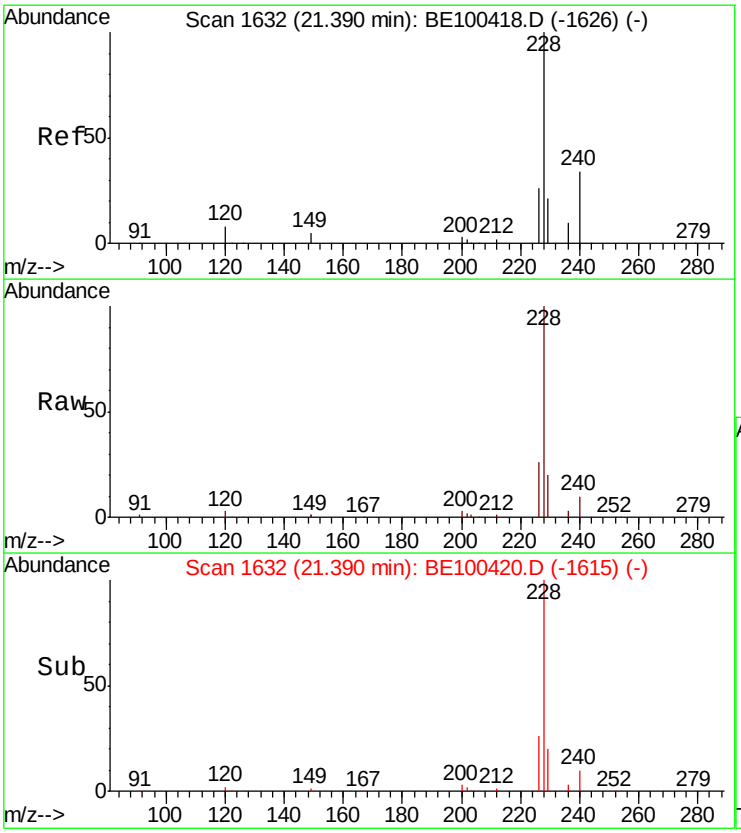
#29
Terphenyl-d14
Concen: 1.854 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 144086

Ion	Ratio	Lower	Upper
244	100		
212	32.0	25.0	37.6
122	11.3	7.7	11.5

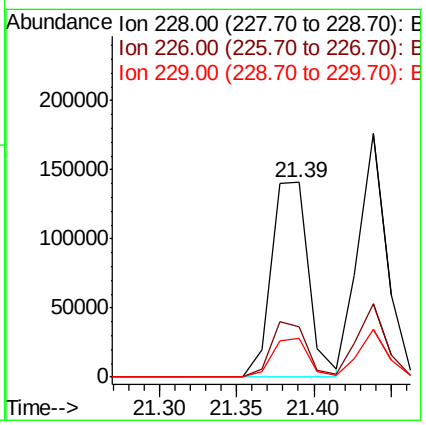


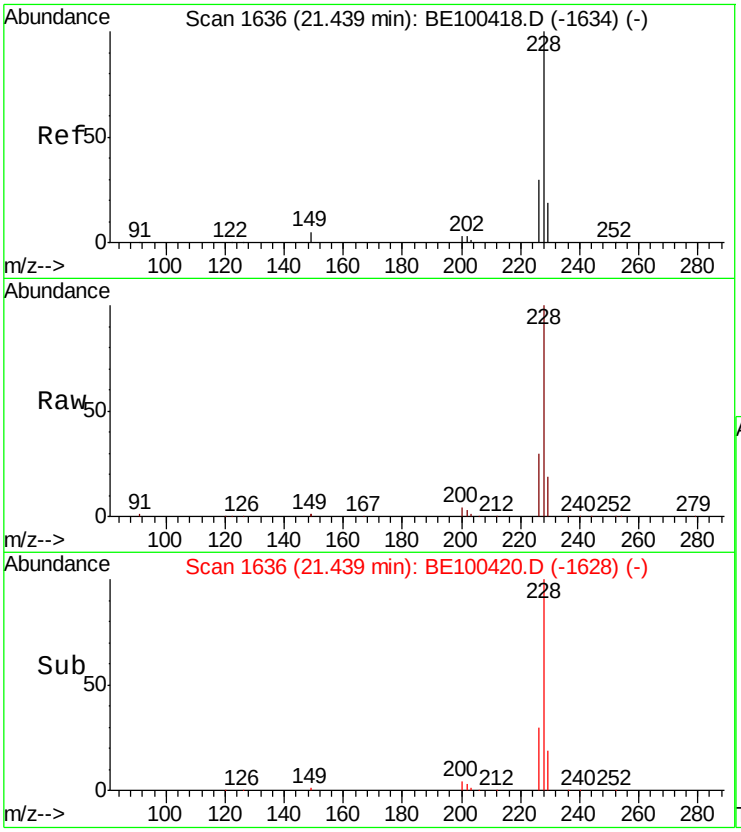


#30
Benzo(a)anthracene
Concen: 2.005 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:228 Resp: 238153

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.0	31.4
229	20.1	16.7	25.1



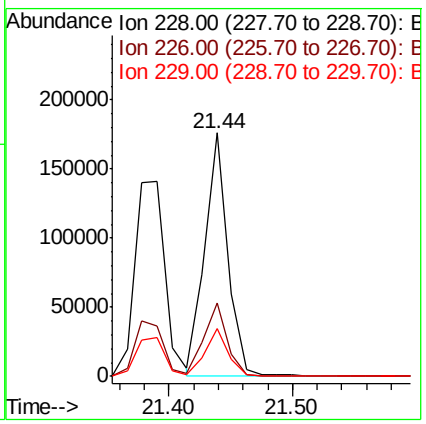


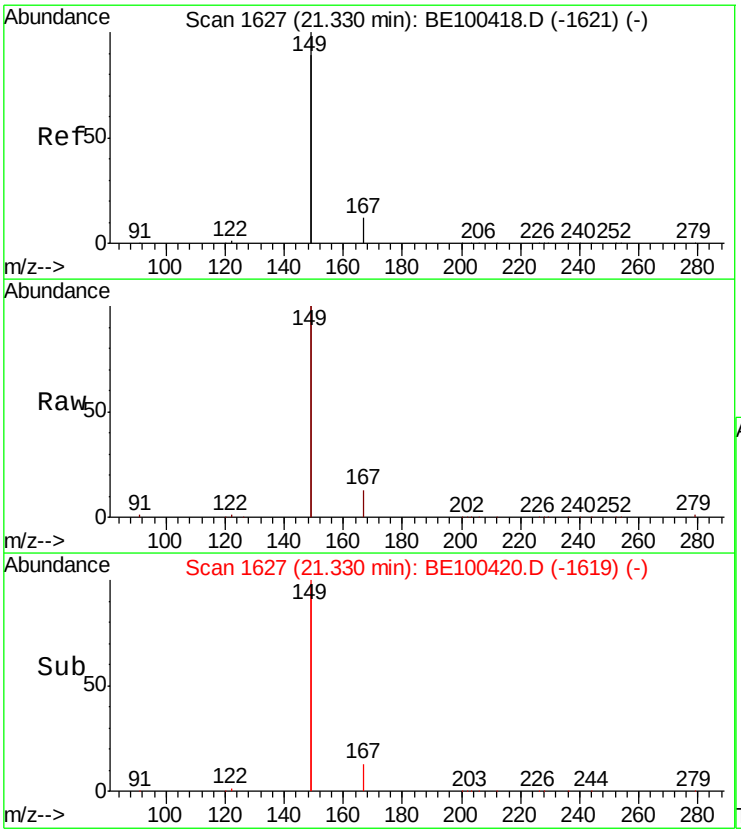
#31
Chrysene
Concen: 1.681 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 228113

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	19.5	15.7	23.5

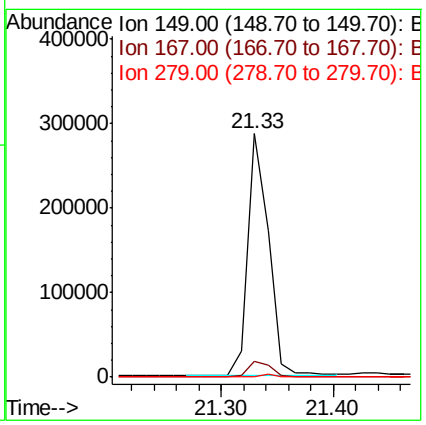


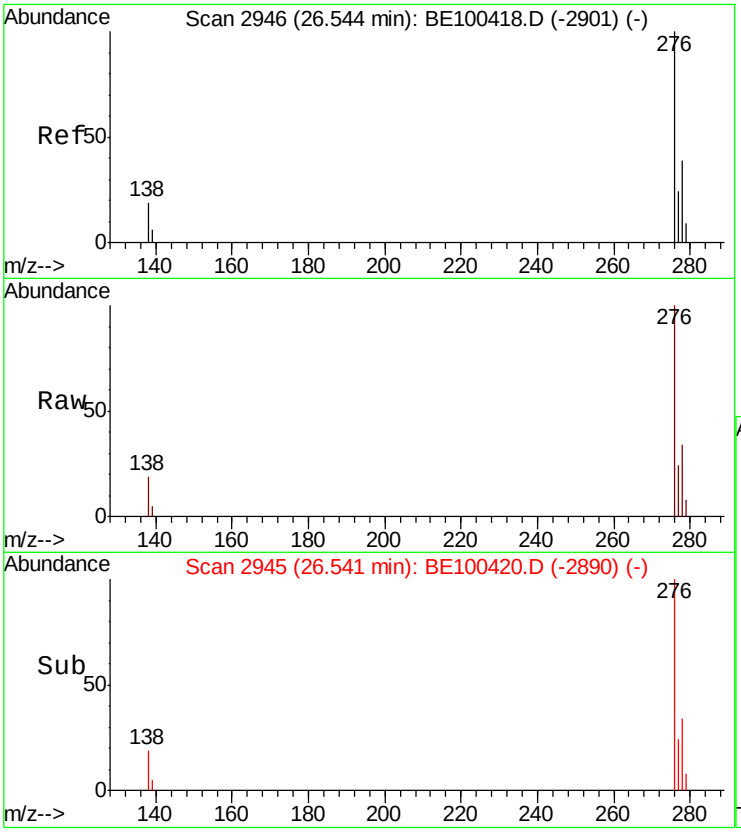


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.600 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:149 Resp: 368897

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.2
279	0.9	0.8	1.2



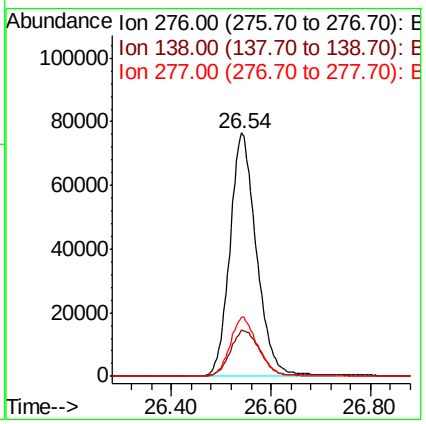


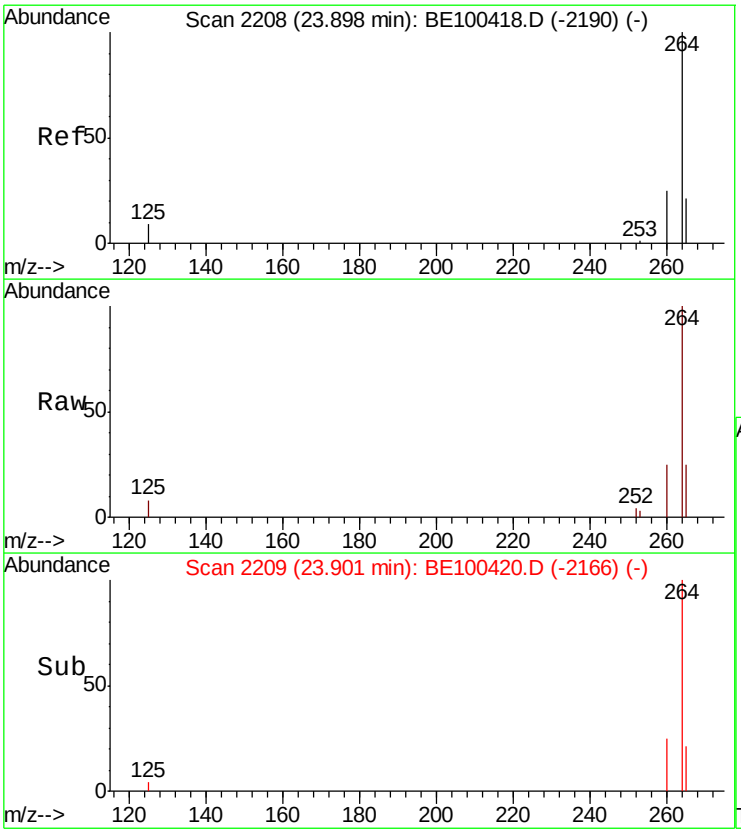
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.494 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 283220

Ion	Ratio	Lower	Upper
276	100		
138	20.6	0.0	0.0#
277	24.6	0.0	0.0#

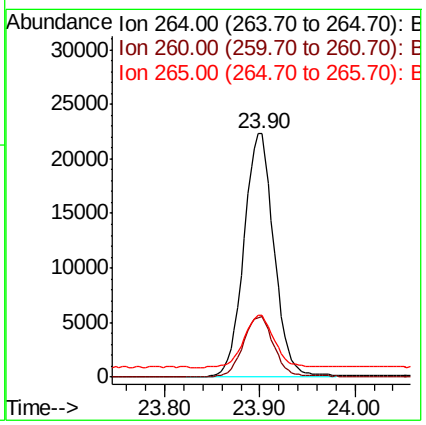


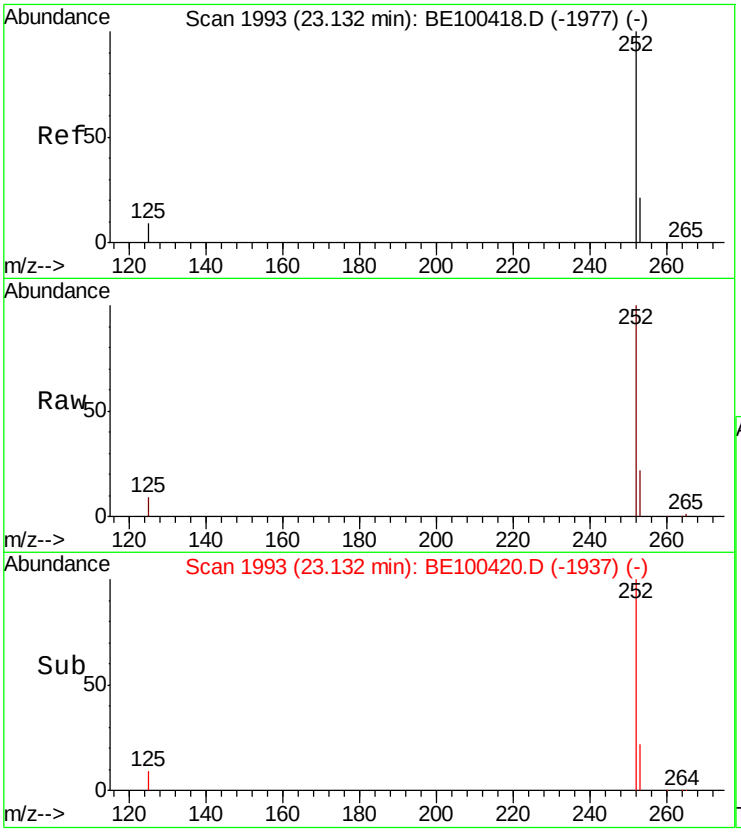


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:264 Resp: 48784

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	25.3	20.8	31.2



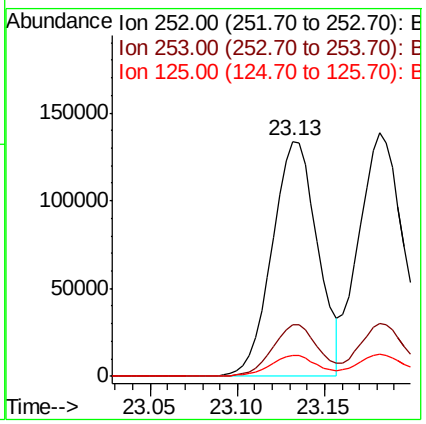


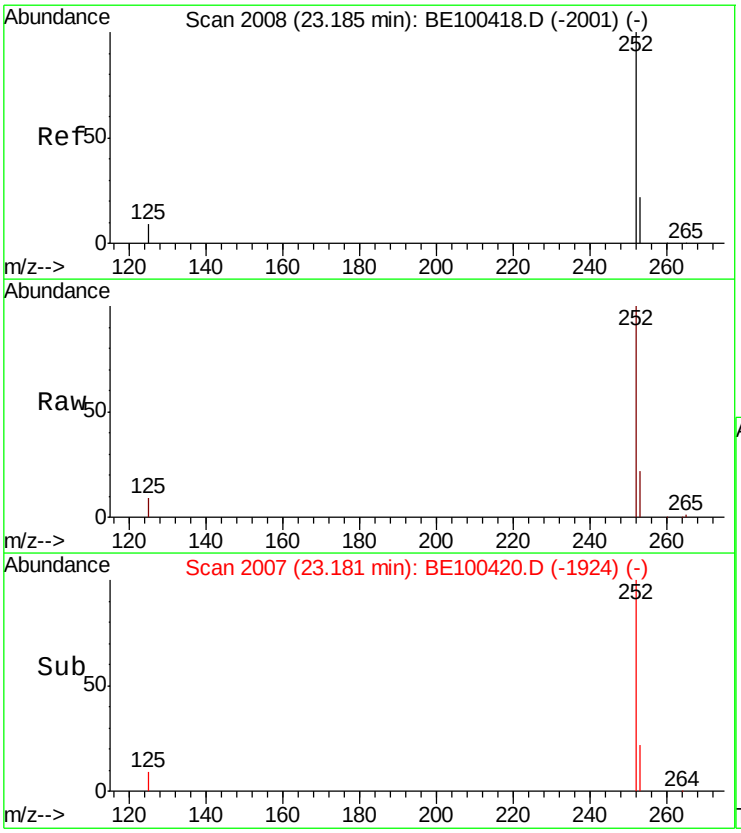
#35
Benzo(b)fluoranthene
Concen: 1.859 ng
RT: 23.13 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 241955

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.0	8.5	12.7

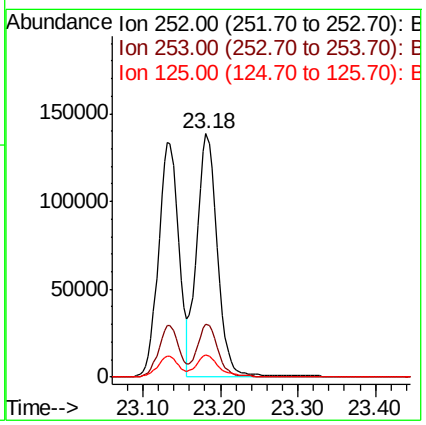


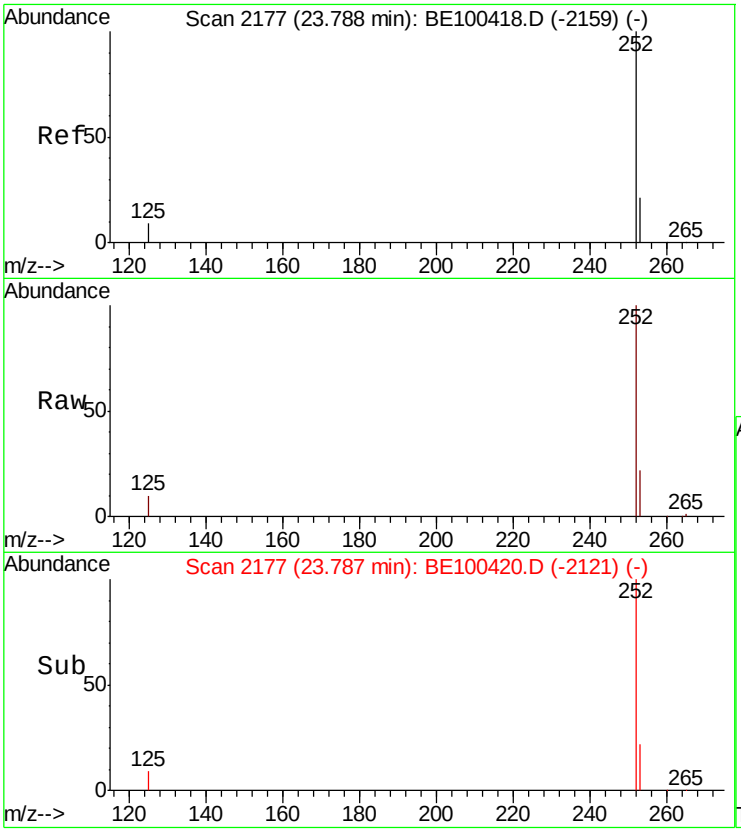


#36
Benzo(k)fluoranthene
Concen: 1.576 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:252 Resp: 254000

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	9.0	8.5	12.7



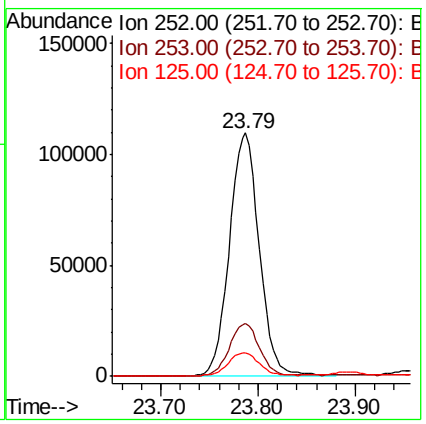


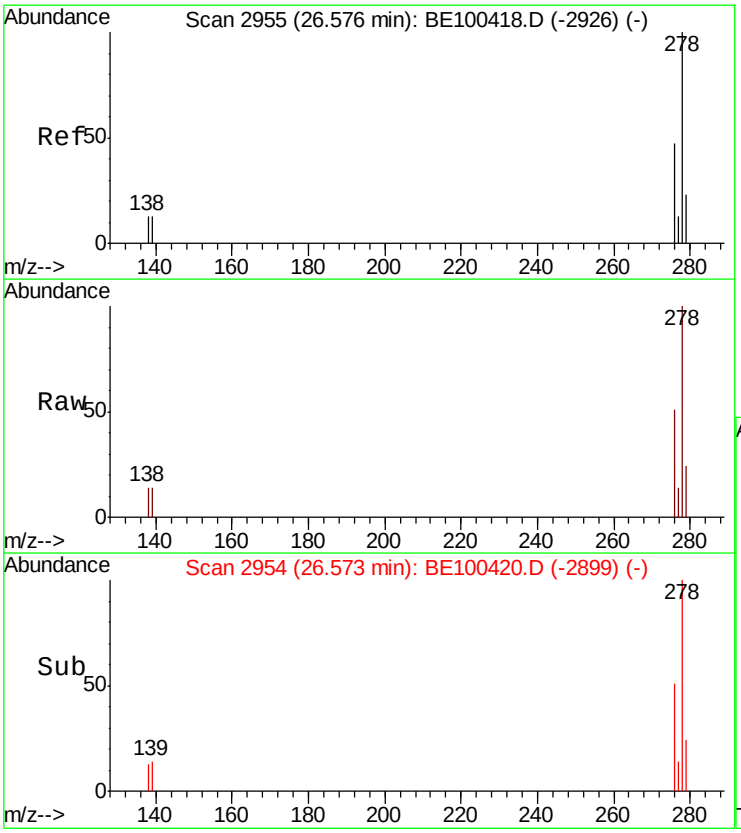
#37
Benzo(a)pyrene
Concen: 1.691 ng
RT: 23.79 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 231740

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	9.8	9.0	13.6

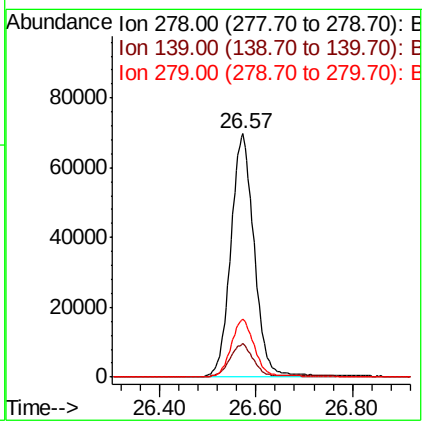


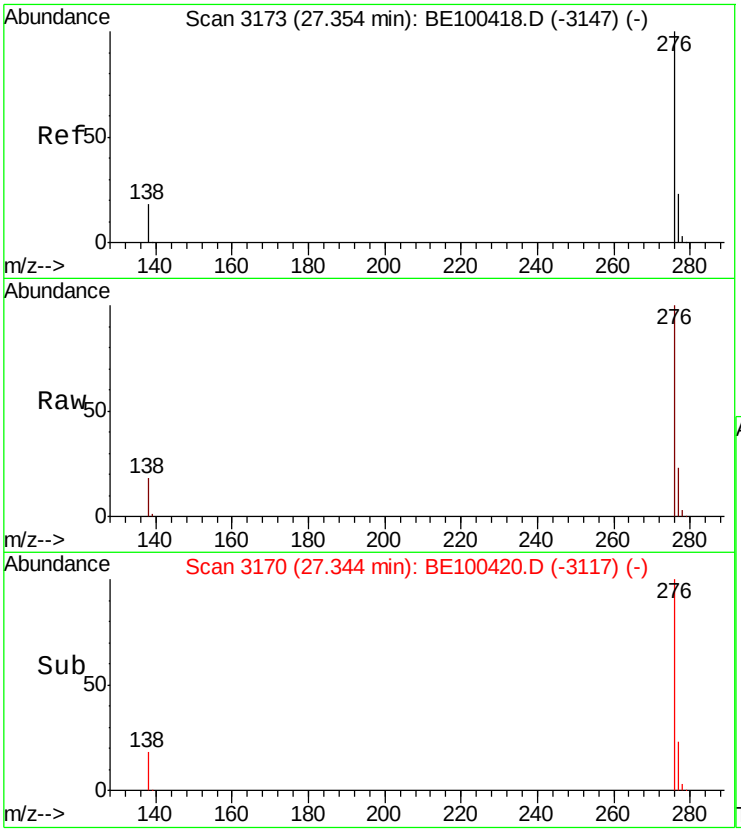


#38
Dibenzo(a,h)anthracene
Concen: 1.728 ng
RT: 26.57 min Scan# 2954
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:278 Resp: 233348

Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.6	17.4
279	23.9	19.4	29.0





#39
Benzo(g,h,i)perylene
Concen: 1.430 ng
RT: 27.34 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 229890

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	18.5	15.7	23.5