Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100578.D
Acq On : 27 Sep 2019 18:34
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 27 19:09:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	3229	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	16210	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	10061	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	25178	0.40	ng		0.00
27) Chrysene-d12	21.38	240	28958	0.40	ng		0.01
34) Perylene-d12	23.86	264	33737	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	3537	0.37	ng		0.00
5) Phenol-d6	7.02	99	4746	0.37	ng		0.00
8) Nitrobenzene-d5	9.00	82	4265	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	9634	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	1068	0.37	ng		0.01
15) 2-Fluorobiphenyl	13.12	172	13573	0.39	ng		0.00
25) Fluoranthene-d10	19.24	212	118836	0.37	ng		0.00
29) Terphenyl-d14	19.83	244	27078	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	2192	0.376	ng		97
3) n-Nitrosodimethylamine	3.66	42	1118	0.361	ng	#	100
6) bis(2-Chloroethyl)ether	7.28	93	4235	0.379	ng		99
9) Naphthalene	10.69	128	65647	0.390	ng		100
10) Hexachlorobutadiene	10.99	225	1992	0.388	ng		98
12) 2-Methylnaphthalene	12.31	142	10984	0.384	ng		99
16) Acenaphthylene	14.21	152	17261	0.385	ng		100
17) Acenaphthene	14.56	154	10946	0.380	ng		100
18) Fluorene	15.52	166	14702	0.393	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	4360	0.372	ng		97
21) Hexachlorobenzene	16.53	284	3707	0.384	ng		98
22) Pentachlorophenol	16.88	266	1025	0.470	ng		96
23) Phenanthrene	17.26	178	27905	0.393	ng		100
24) Anthracene	17.35	178	23799	0.370	ng		100
26) Fluoranthene	19.27	202	34158	0.383	ng		100
28) Pyrene	19.62	202	35517	0.405	ng		100
30) Benzo(a)anthracene	21.35	228	32814	0.385	ng		99
31) Chrysene	21.41	228	34913	0.401	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	82242	0.363	ng		100
33) Indeno(1,2,3-cd)pyrene	26.48	276	42122	0.393	ng		97
35) Benzo(b)fluoranthene	23.09	252	35036	0.380	ng		99
36) Benzo(k)fluoranthene	23.14	252	37938	0.377	ng		100
37) Benzo(a)pyrene	23.74	252	33464	0.380	ng		100
38) Dibenzo(a,h)anthracene	26.50	278	34365	0.383	ng		99
39) Benzo(g,h,i)perylene	27.28	276	35187	0.383	ng		98

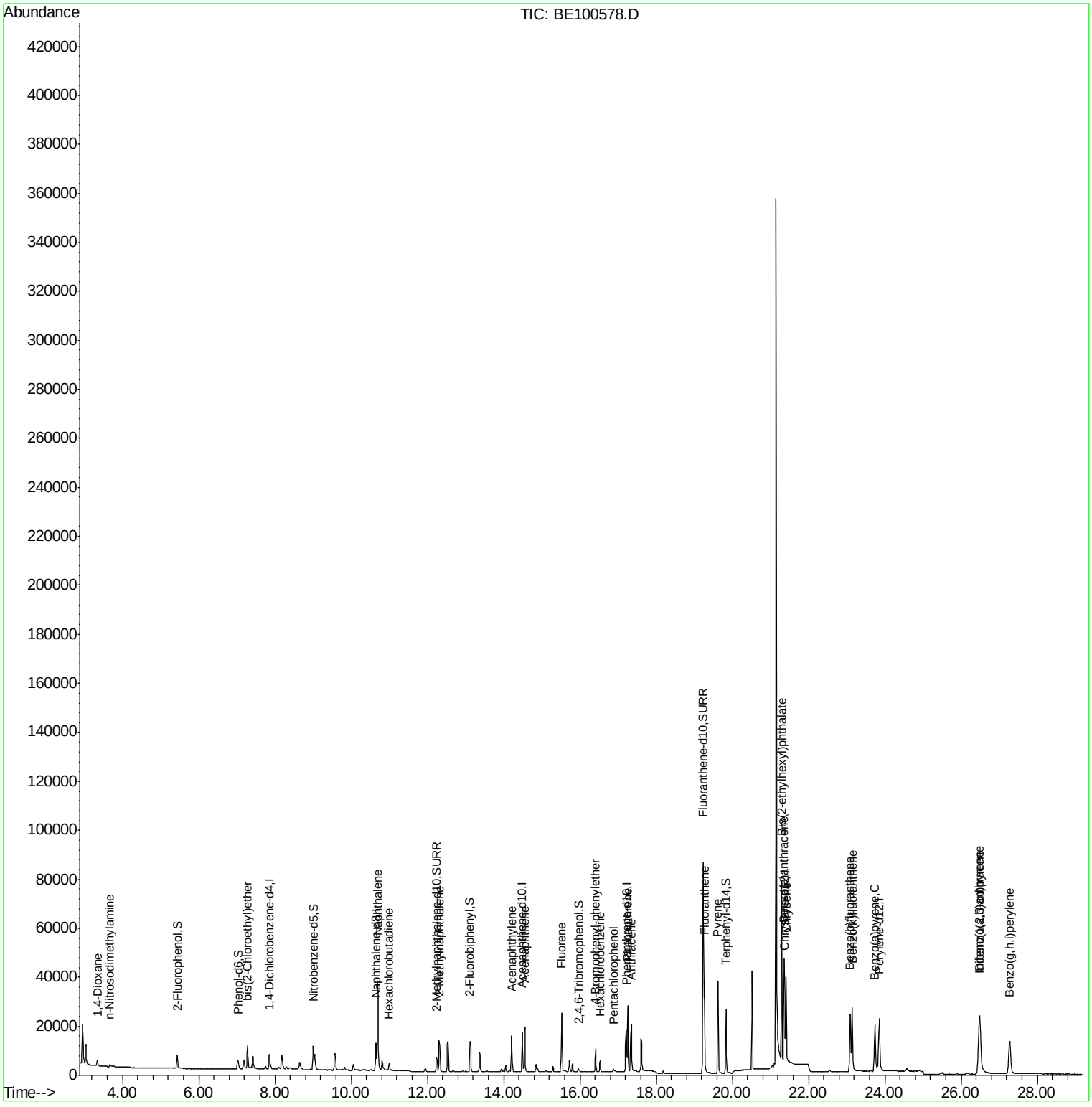
(#) = qualifier out of range (m) = manual integration (+) = signals summed

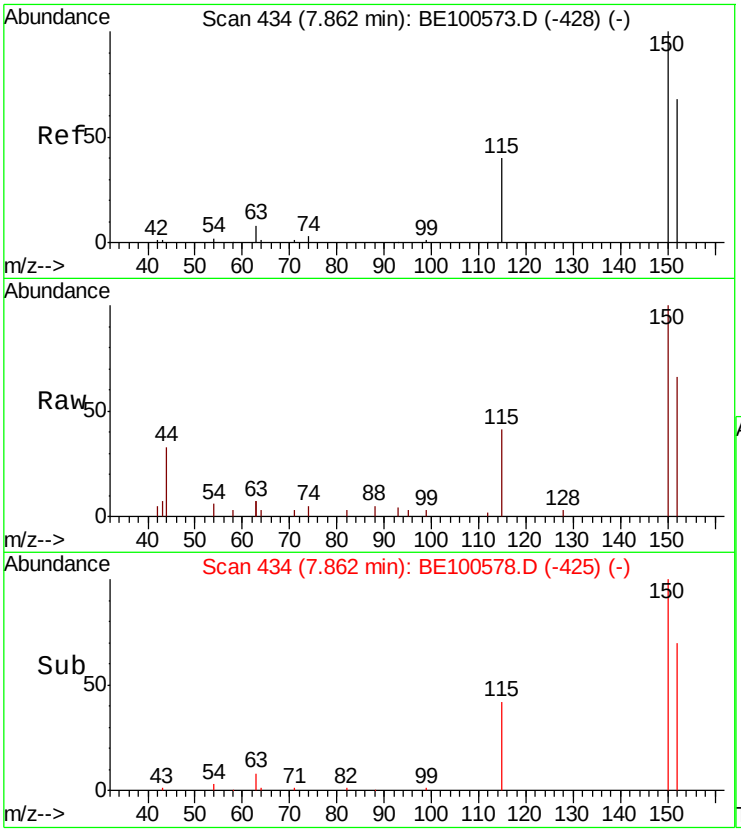
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092719\
Data File : BE100578.D
Acq On : 27 Sep 2019 18:34
Operator : JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 27 19:09:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 27 18:32:20 2019
Response via : Initial Calibration



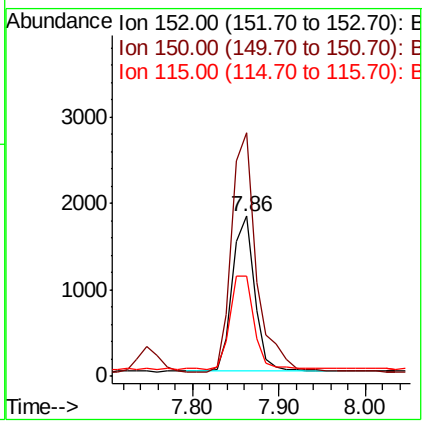


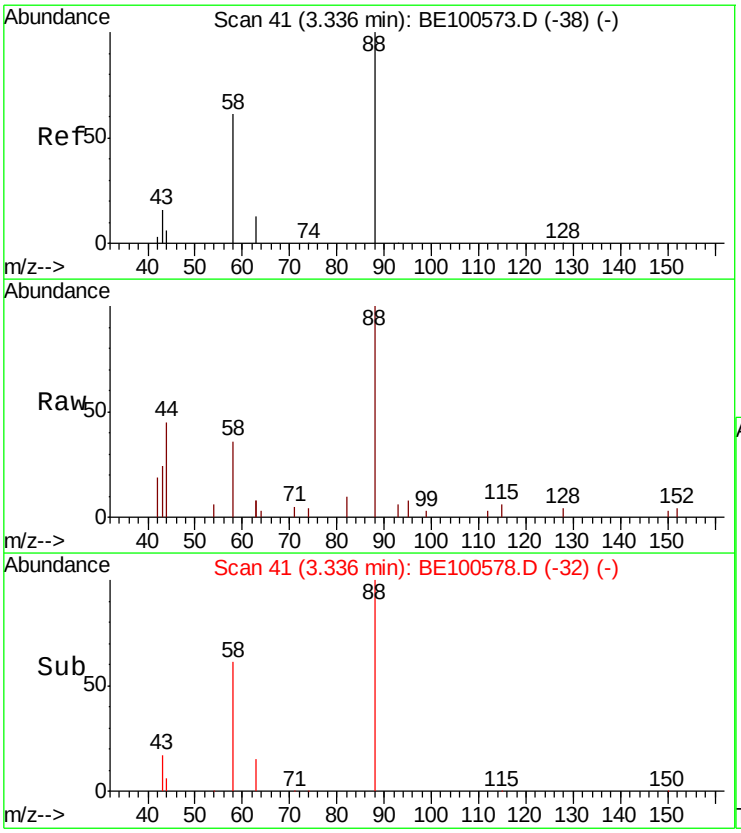
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3229

Ion	Ratio	Lower	Upper
152	100		
150	152.2	116.9	175.3
115	62.7	50.2	75.4

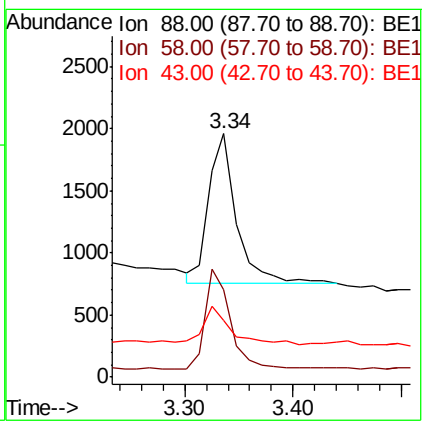


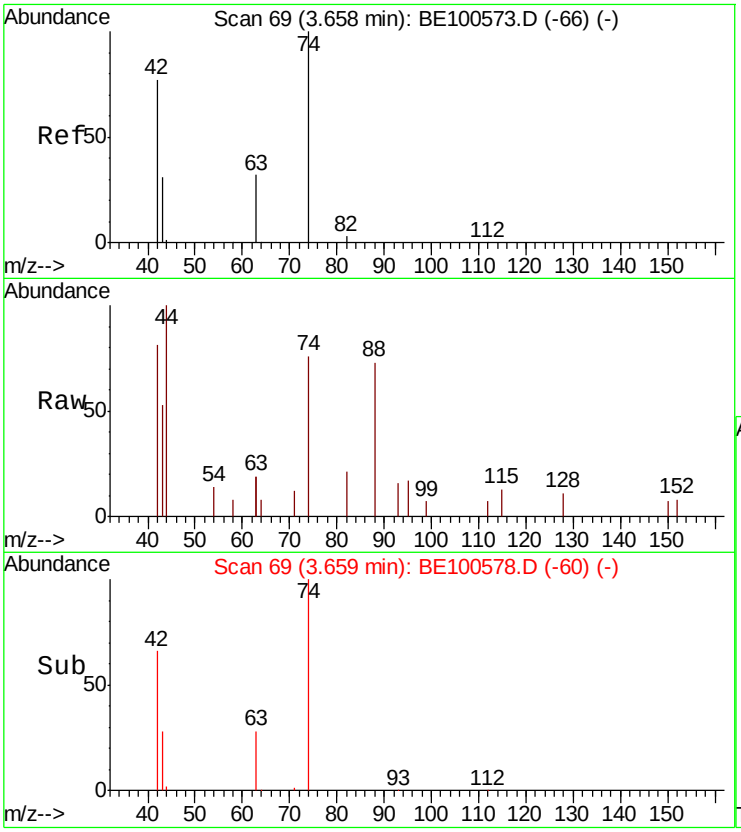


#2
1,4-Dioxane
Concen: 0.376 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion: 88 Resp: 2192

Ion	Ratio	Lower	Upper
88	100		
58	60.3	46.4	69.6
43	22.6	16.7	25.1



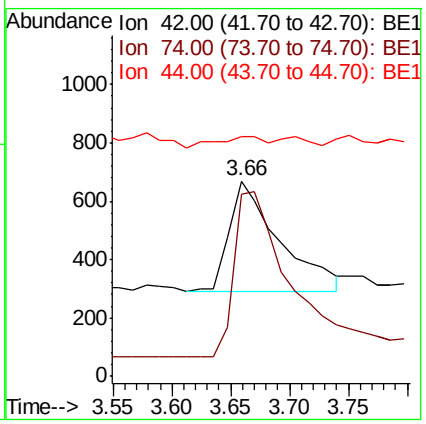


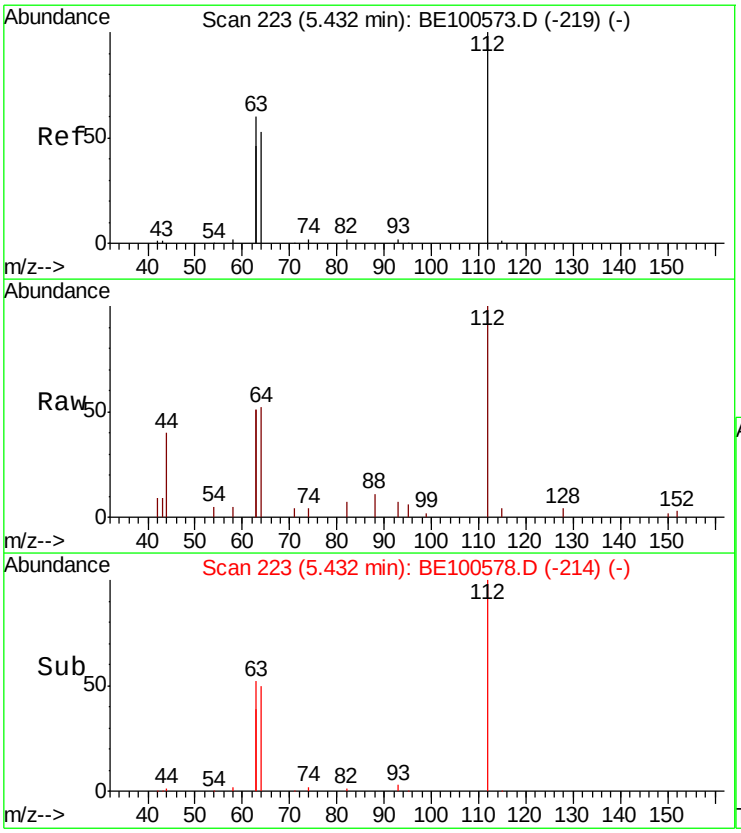
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.66 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1118

Ion	Ratio	Lower	Upper
42	100		
74	161.7	0.0	0.0#
44	10.4	0.0	0.0#

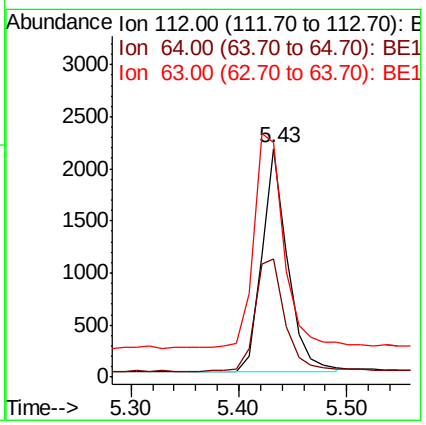


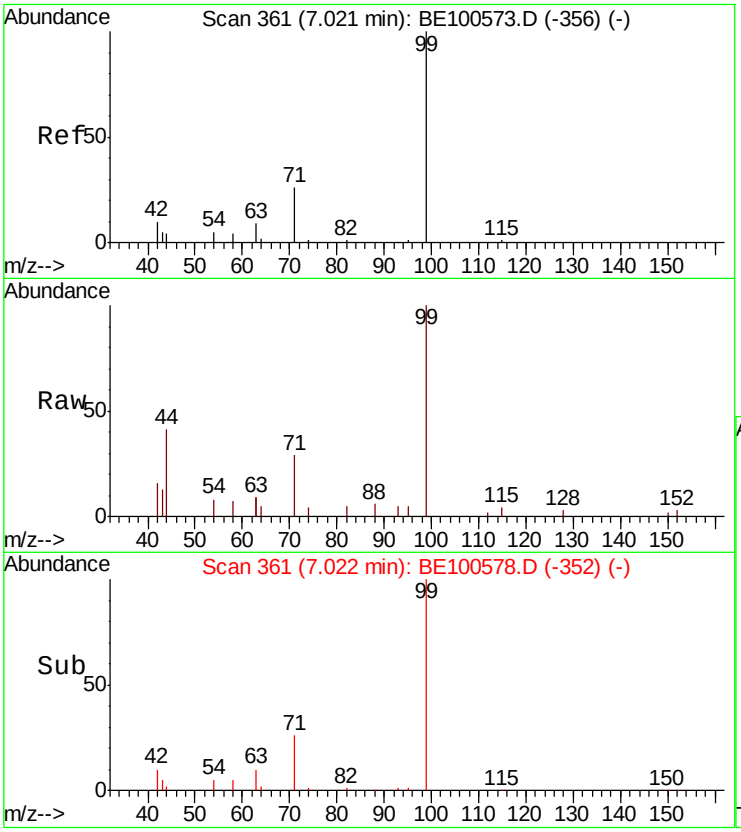


#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:112 Resp: 3537

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.9	67.3
63	112.0	90.1	135.1



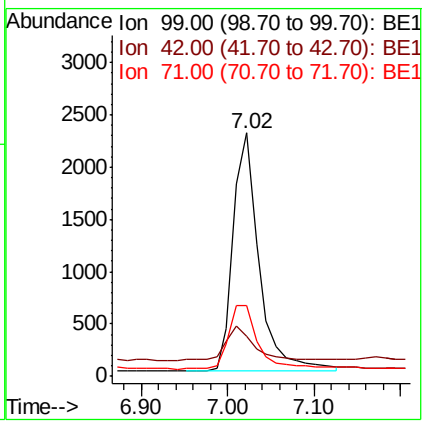


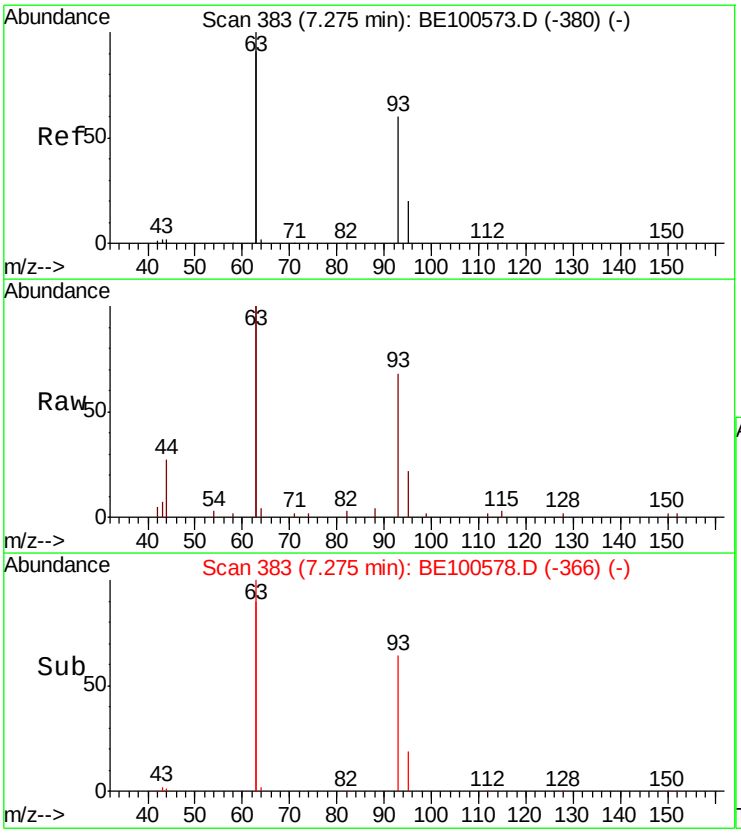
#5
Phenol-d6
Concen: 0.367 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 4746

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.7	17.5
71	30.0	23.6	35.4

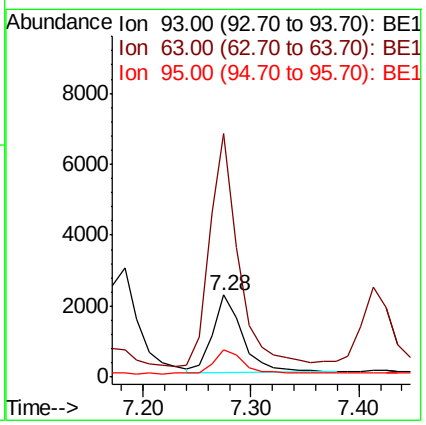


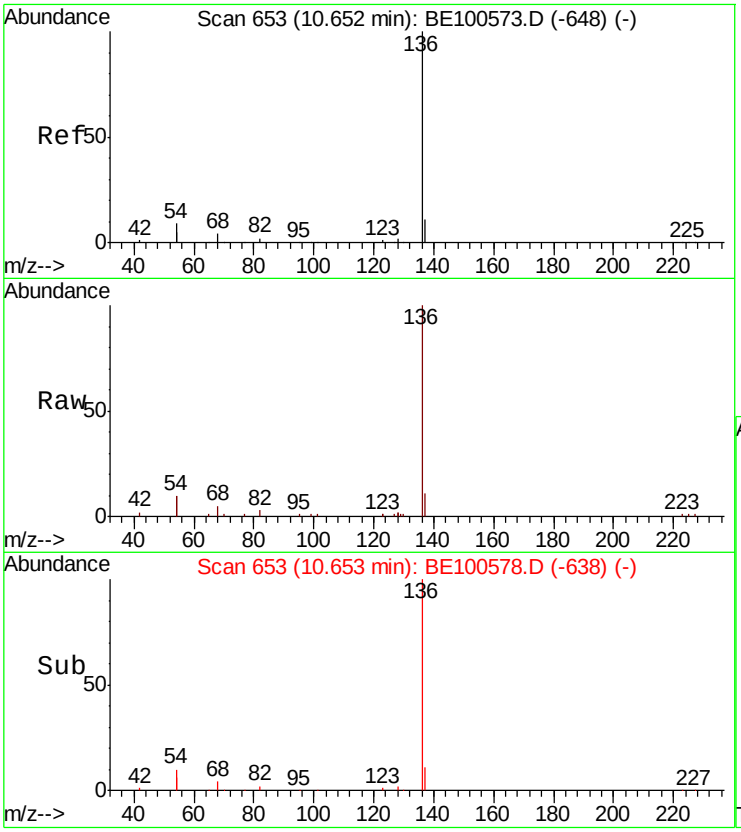


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion: 93 Resp: 4235

Ion	Ratio	Lower	Upper
93	100		
63	288.1	228.3	342.5
95	30.8	24.2	36.4



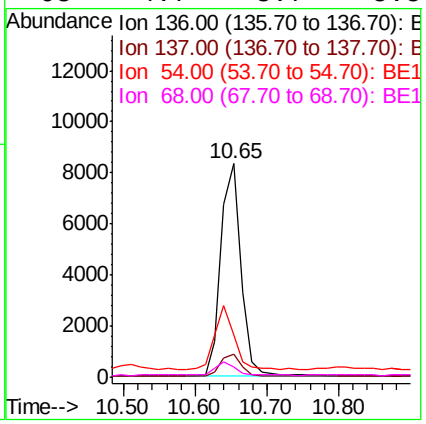


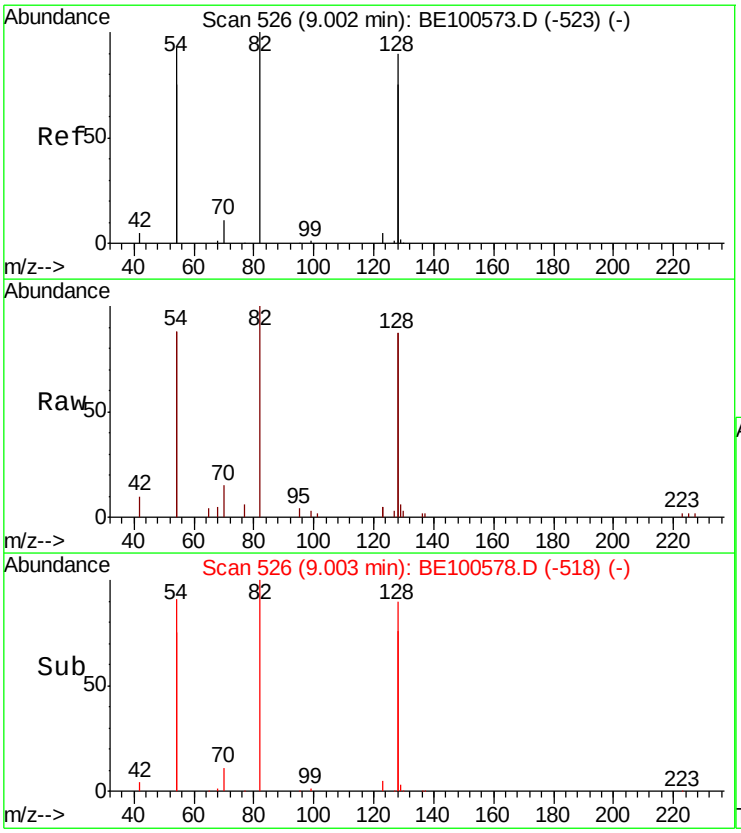
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 16210

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	19.8	15.0	22.6
68	4.7	3.7	5.5

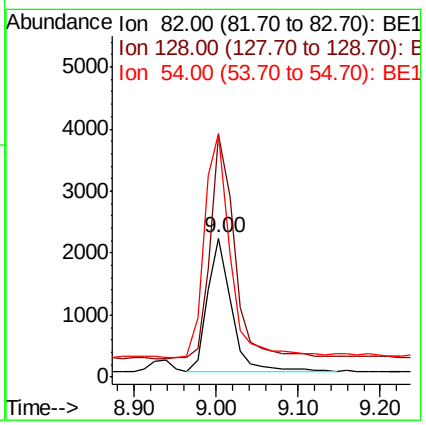


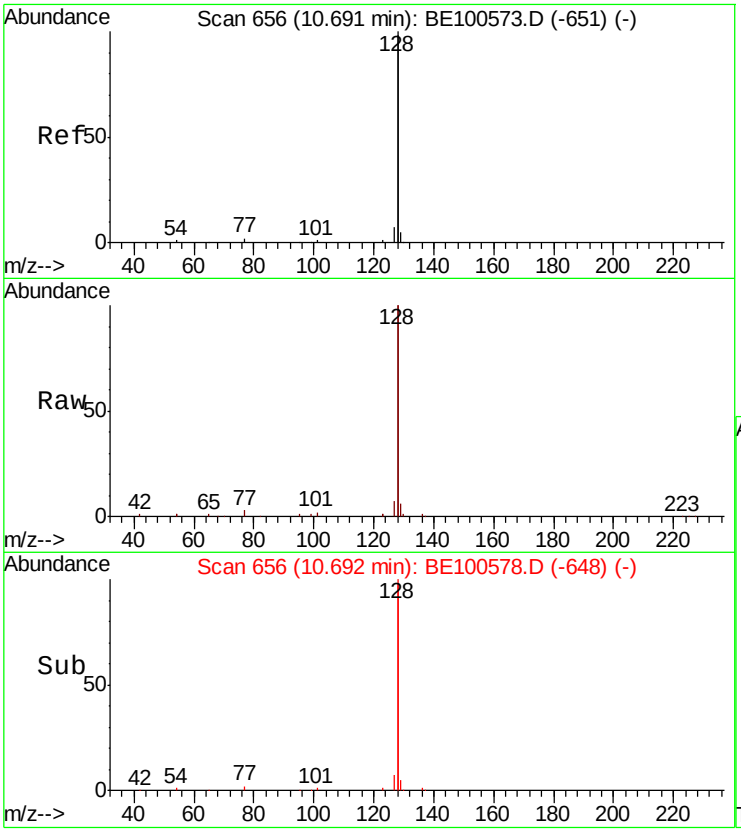


#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion: 82 Resp: 4265

Ion	Ratio	Lower	Upper
82	100		
128	174.3	137.9	206.9
54	175.0	143.0	214.6



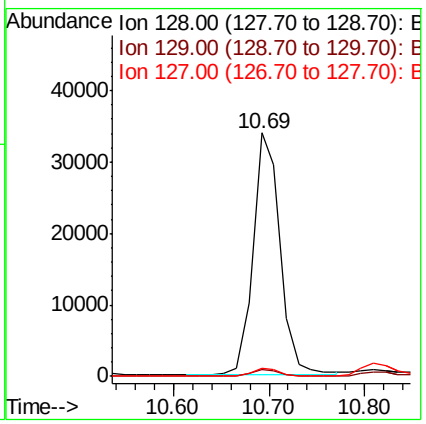


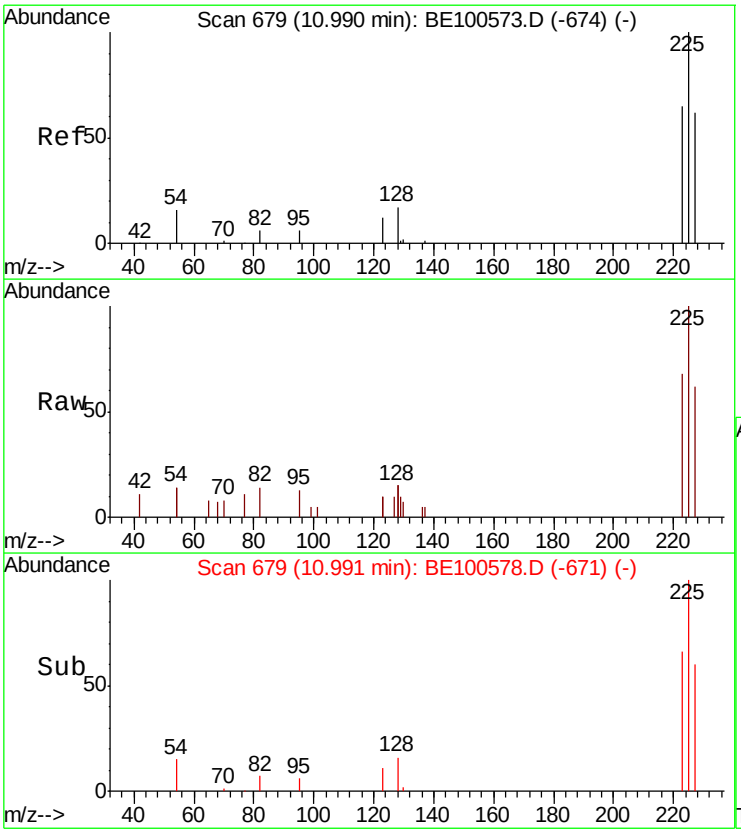
#9
Naphthalene
Concen: 0.390 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 65647

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.5	2.8	4.2

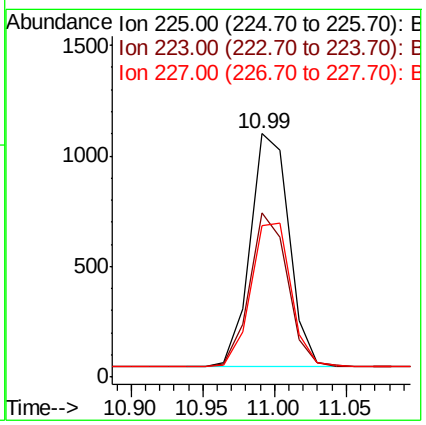


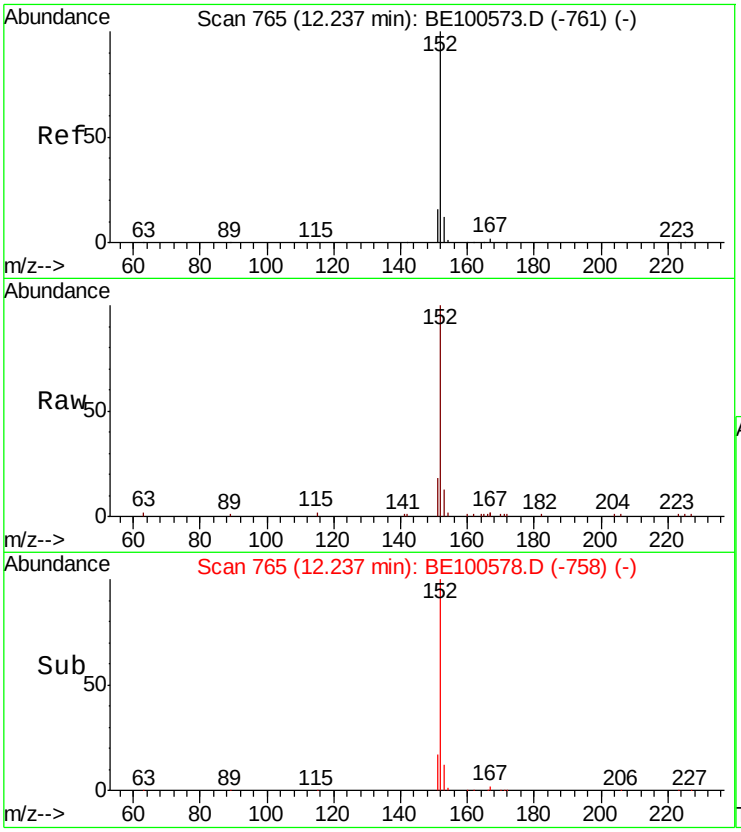


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:225 Resp: 1992

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.4	74.0
227	63.4	50.3	75.5



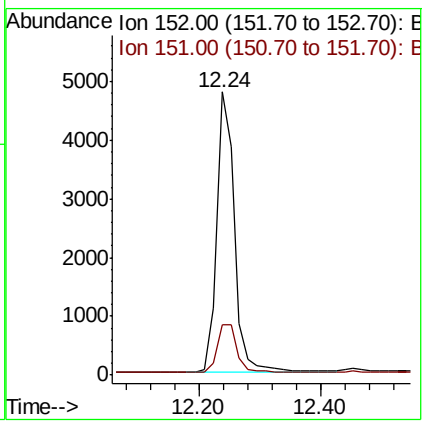


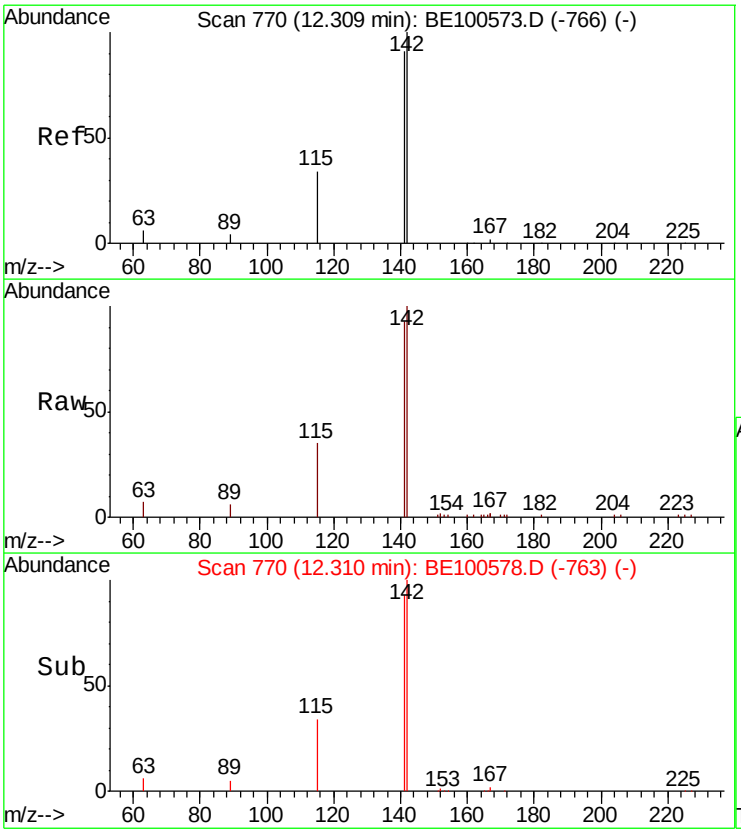
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9634

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9

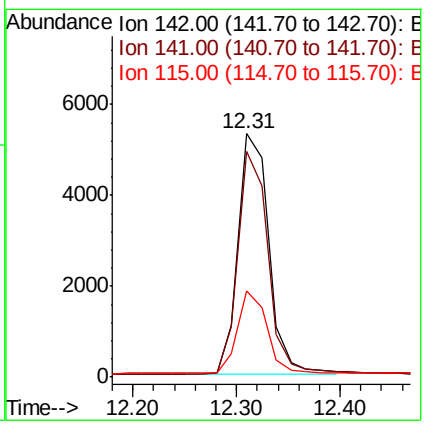


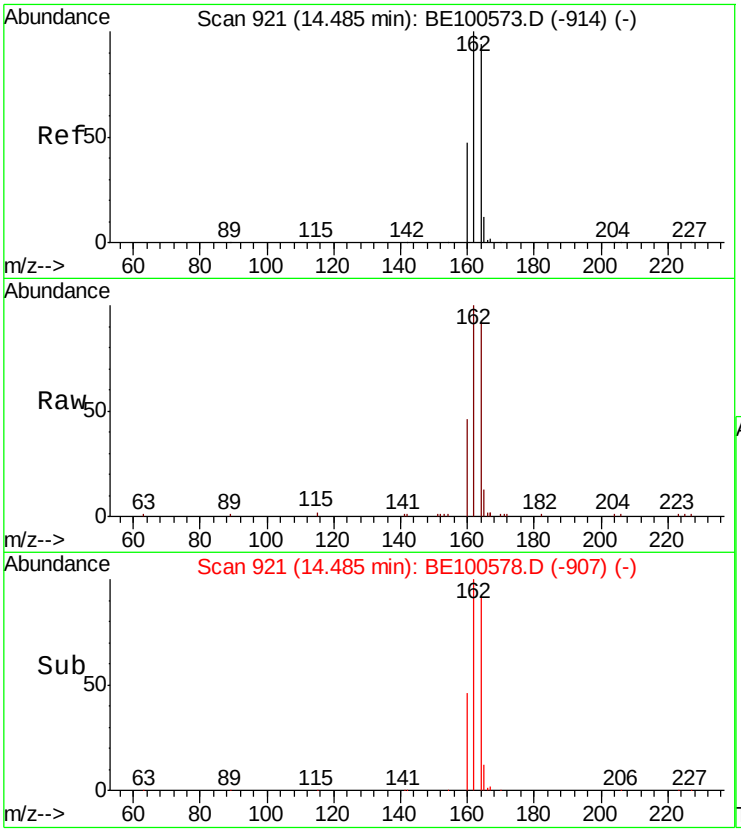


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:142 Resp: 10984

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.2	109.8
115	35.1	28.2	42.2



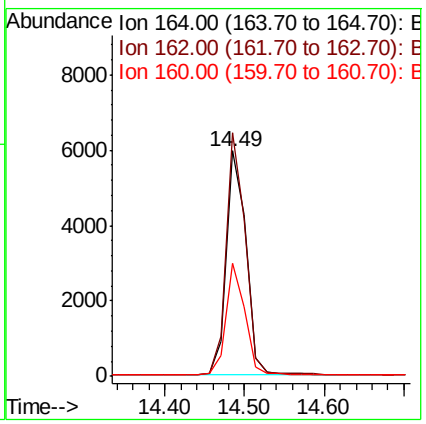


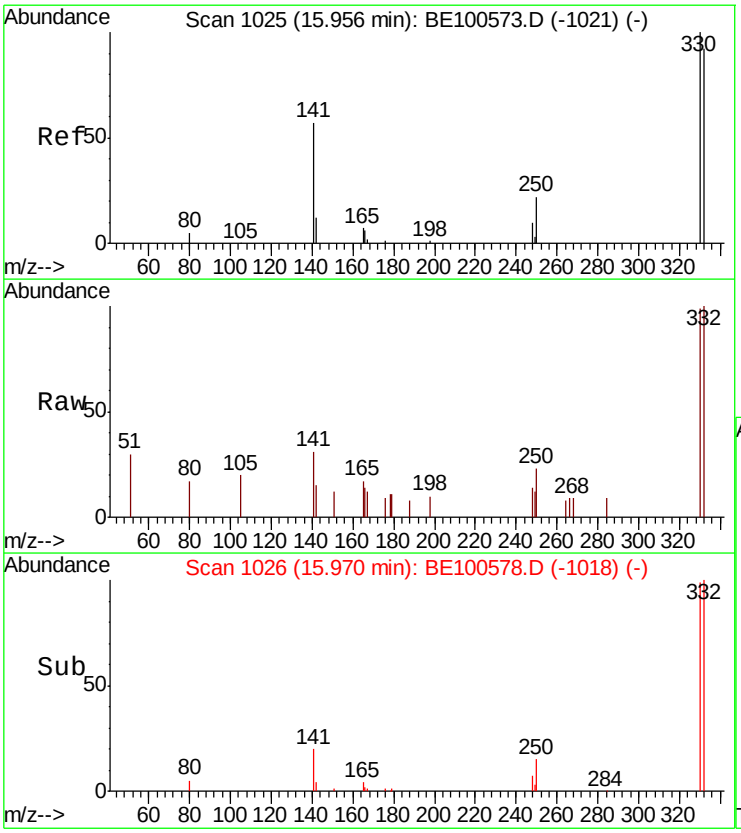
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 10061

Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.0	127.4
160	50.0	40.2	60.4

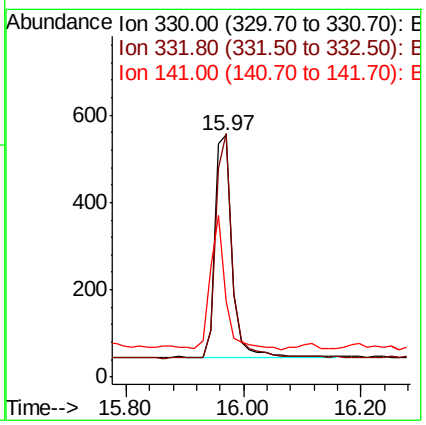


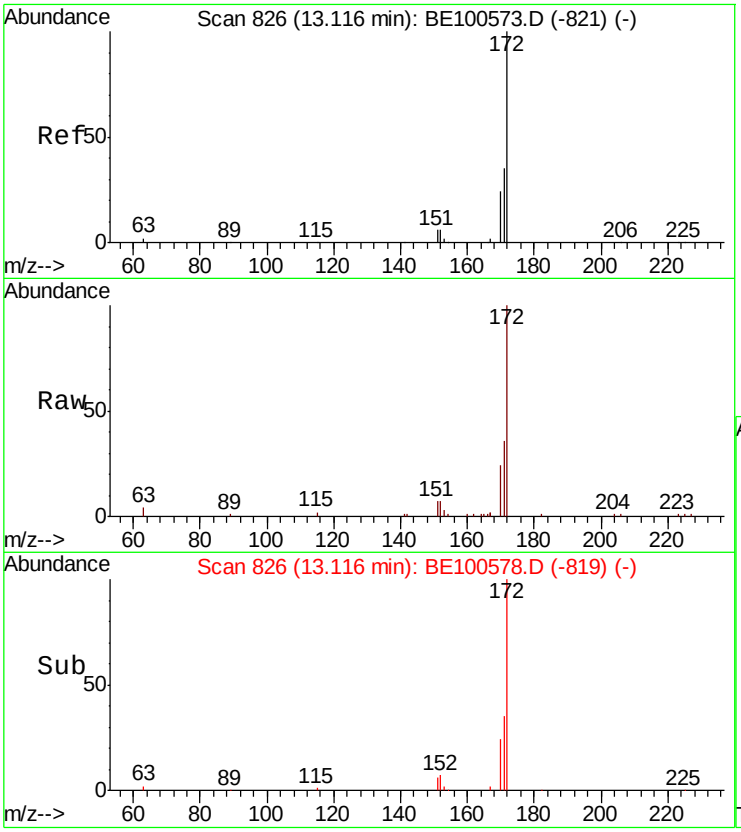


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:330 Resp: 1068

Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.1	117.1
141	52.5	42.1	63.1



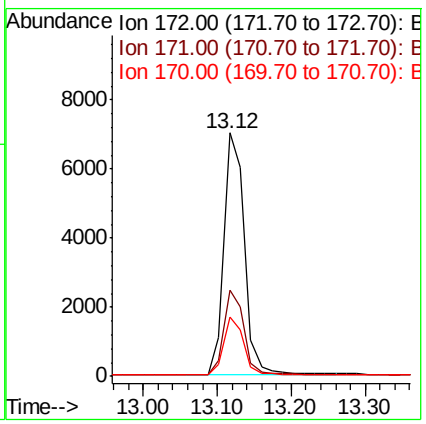


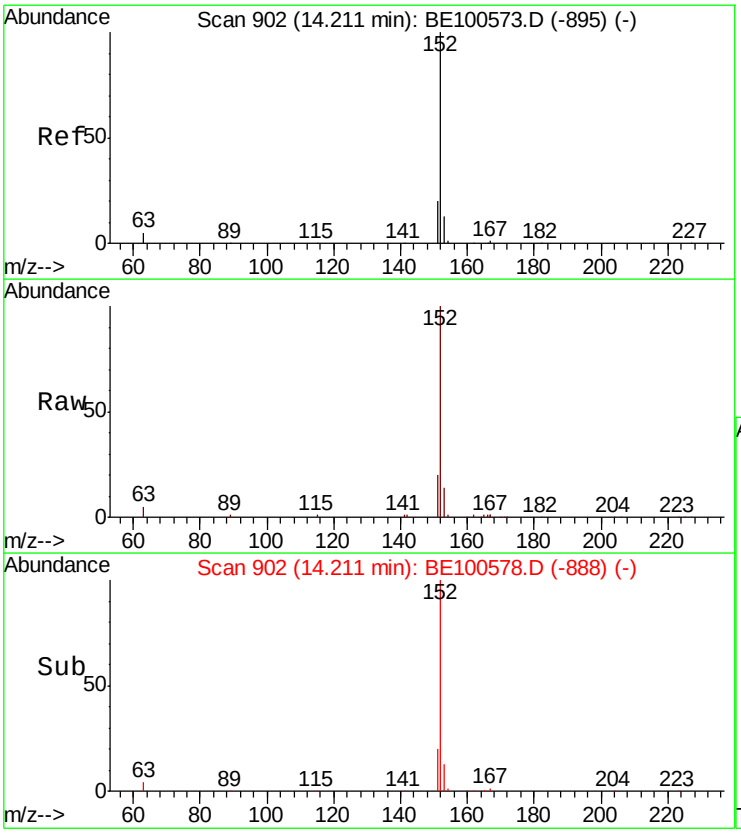
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13573

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	24.4	19.2	28.8

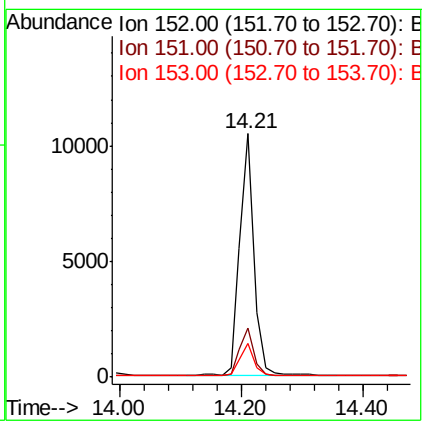


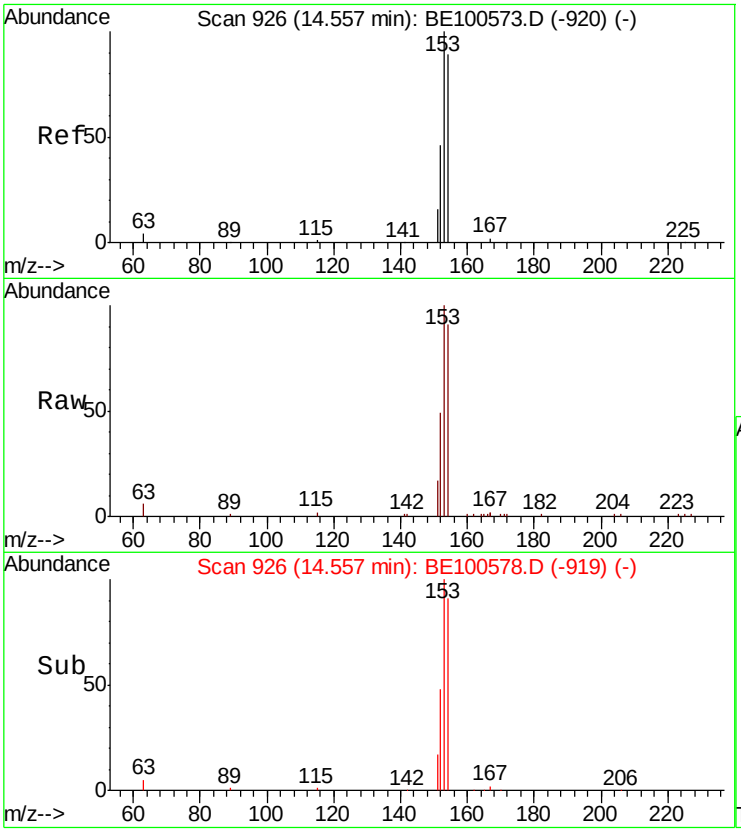


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:152 Resp: 17261

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.1	10.6	16.0



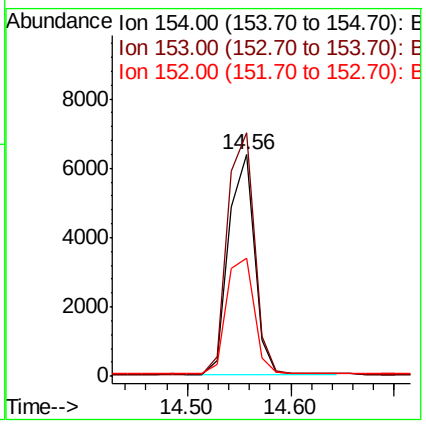


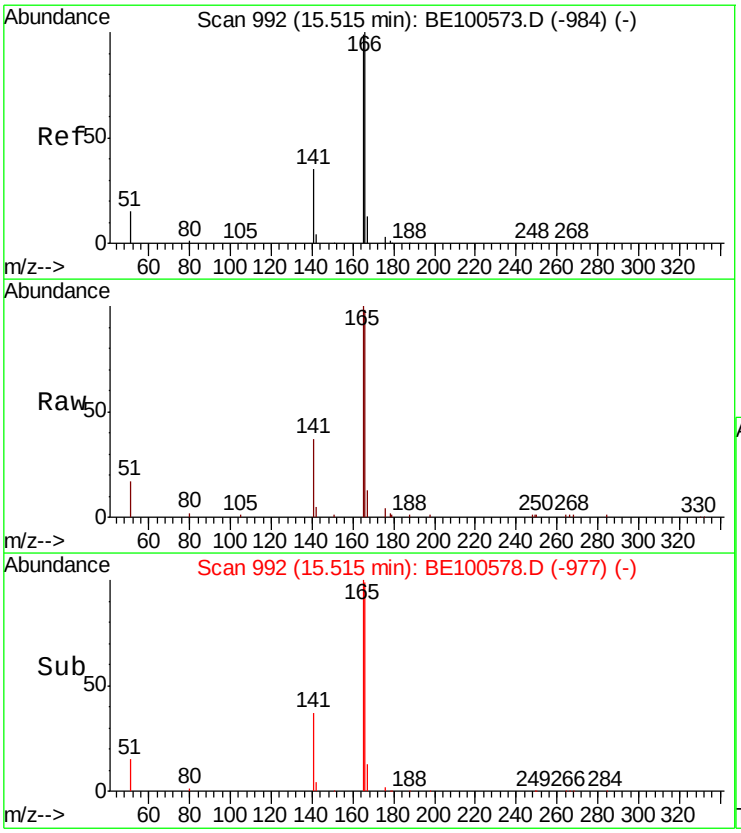
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10946

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.7	139.1
152	57.4	45.6	68.4

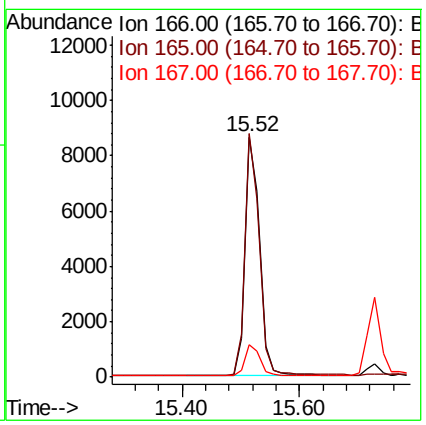


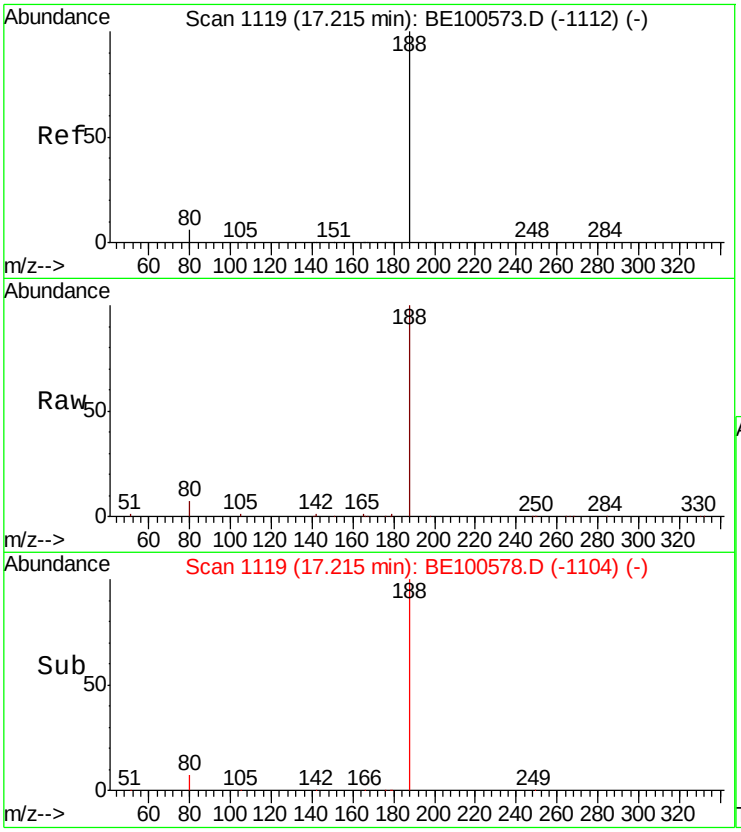


#18
Fluorene
Concen: 0.393 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:166 Resp: 14702

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.0	117.0
167	13.5	10.7	16.1



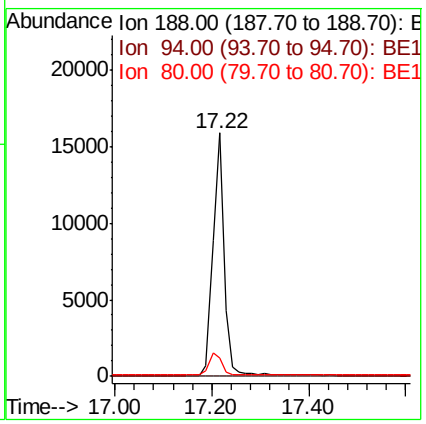


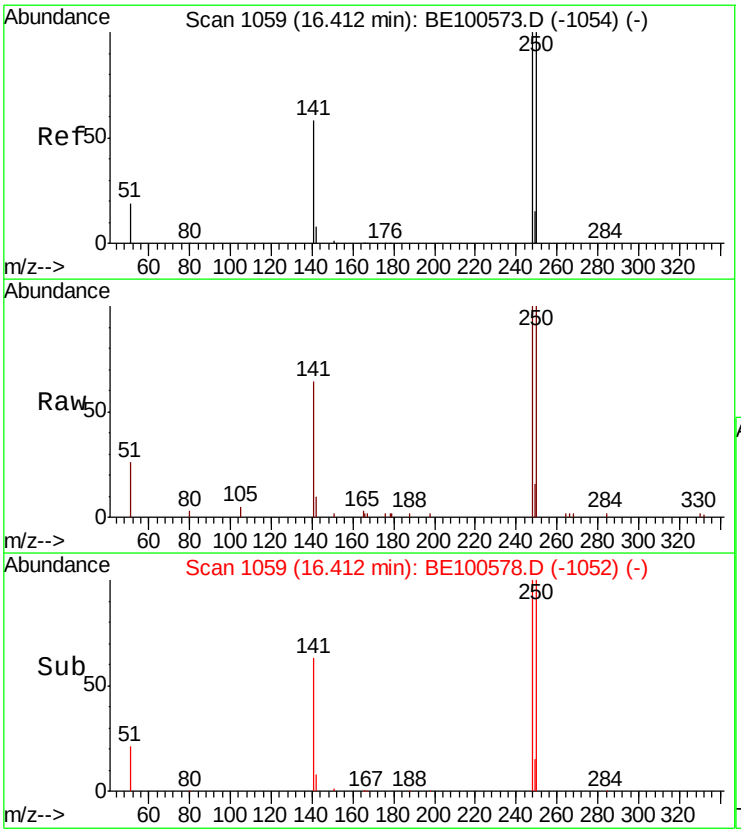
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 25178

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	5.6	8.4

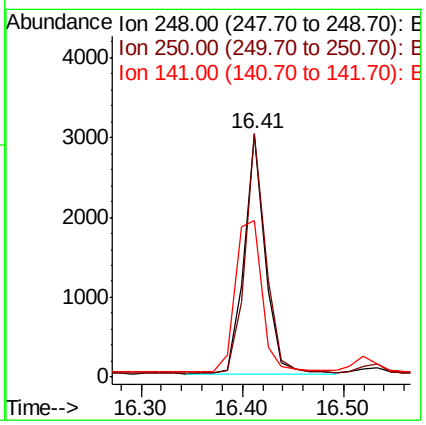


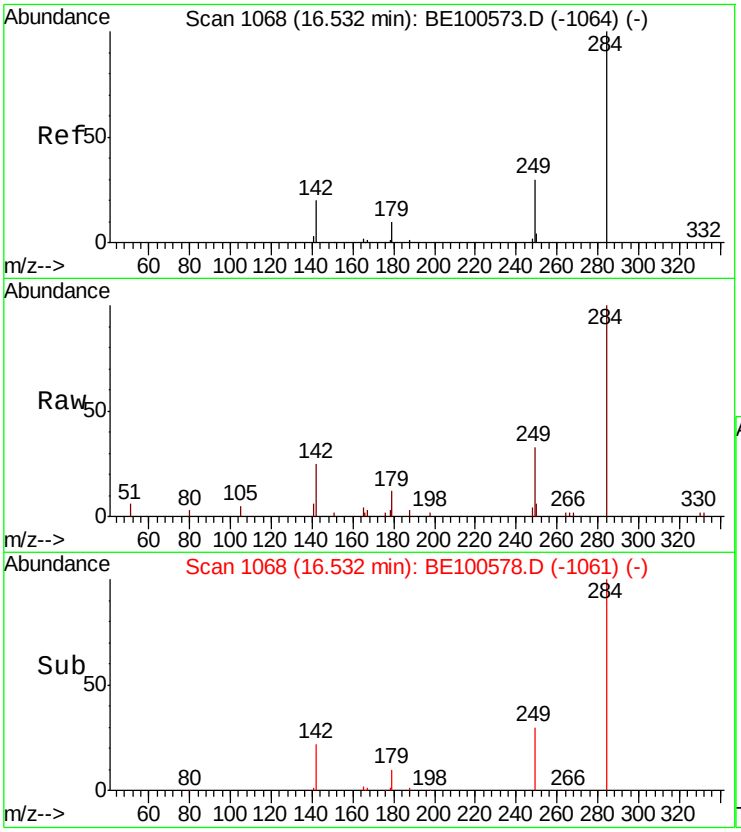


#20
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:248 Resp: 4360

Ion	Ratio	Lower	Upper
248	100		
250	100.3	79.9	119.9
141	64.5	47.7	71.5



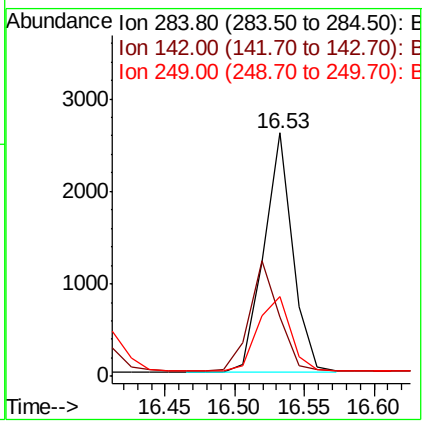


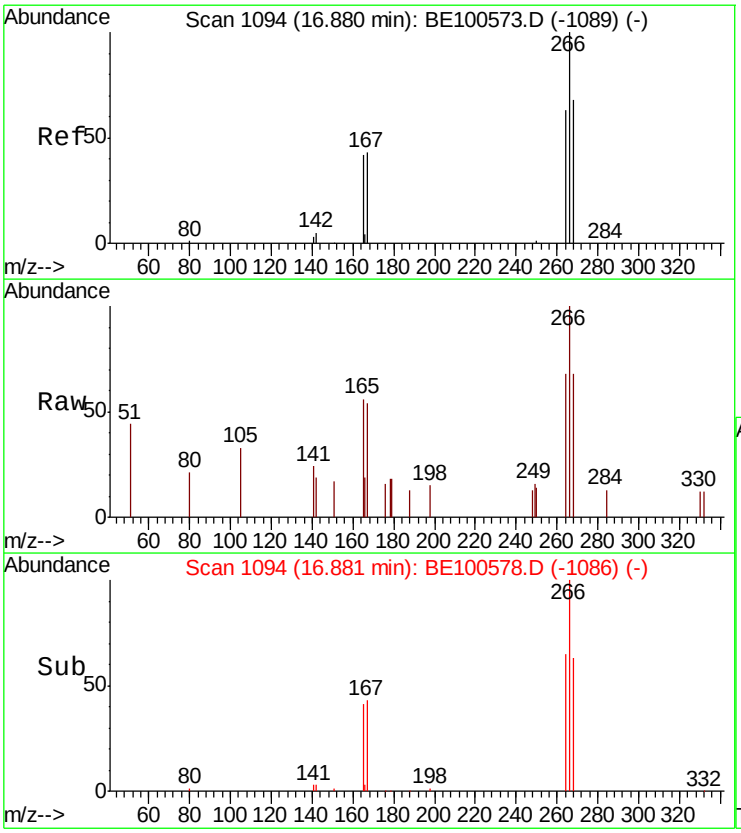
#21
Hexachlorobenzene
Concen: 0.384 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3707

Ion	Ratio	Lower	Upper
284	100		
142	46.6	37.0	55.4
249	35.5	27.0	40.4

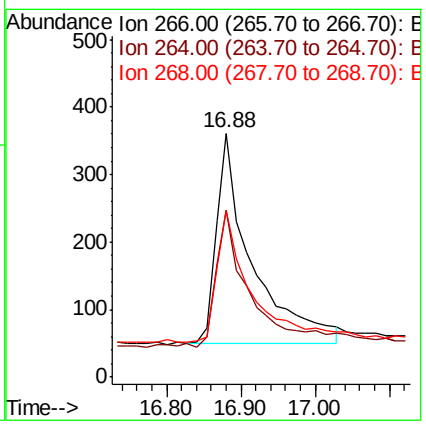


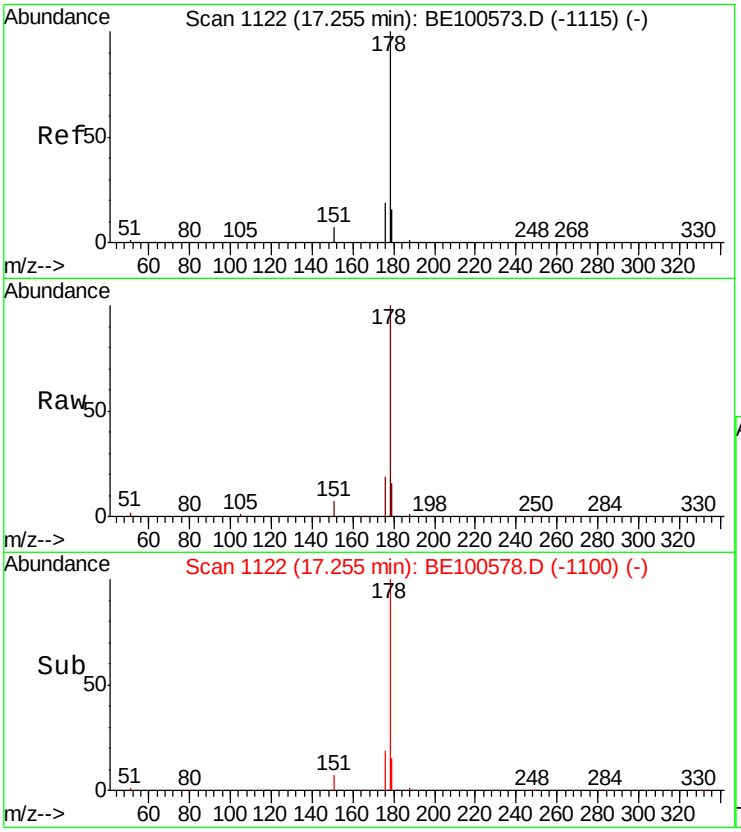


#22
Pentachlorophenol
Concen: 0.470 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:266 Resp: 1025

Ion	Ratio	Lower	Upper
266	100		
264	68.4	53.5	80.3
268	68.4	58.3	87.5



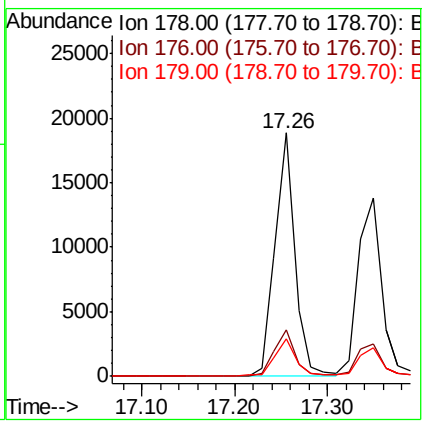


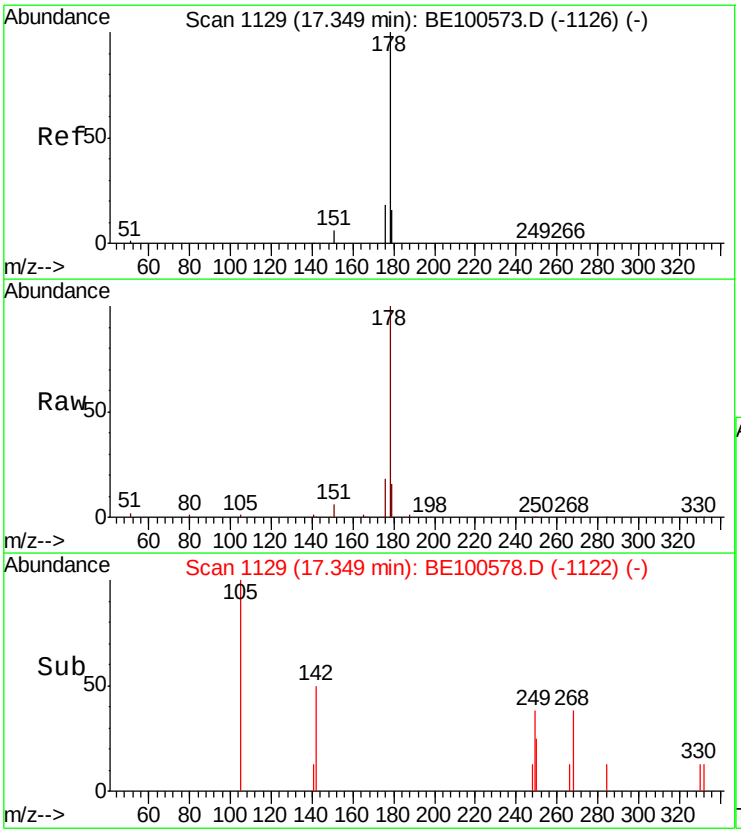
#23
Phenanthrene
Concen: 0.393 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 27905

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.4	12.4	18.6

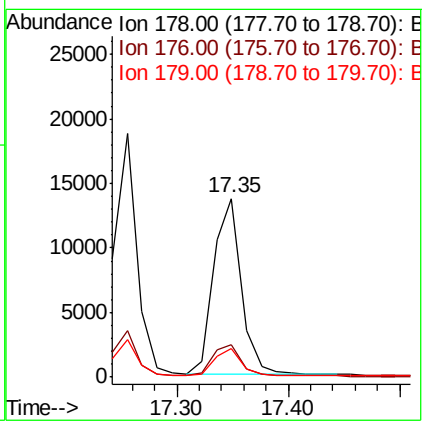


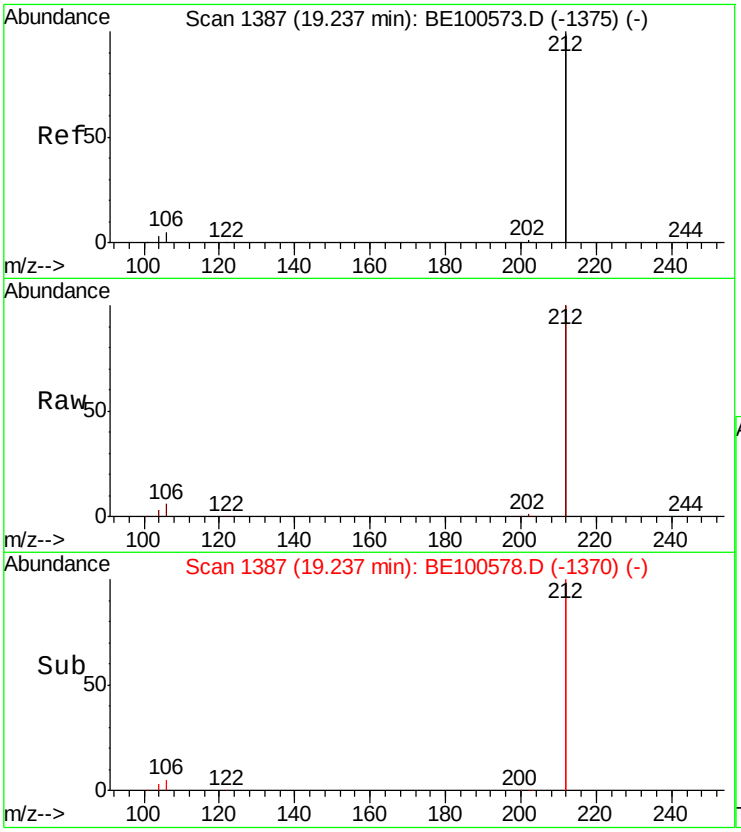


#24
Anthracene
Concen: 0.370 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:178 Resp: 23799

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.2	12.3	18.5



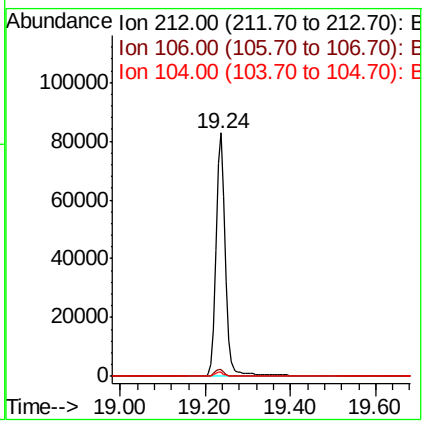


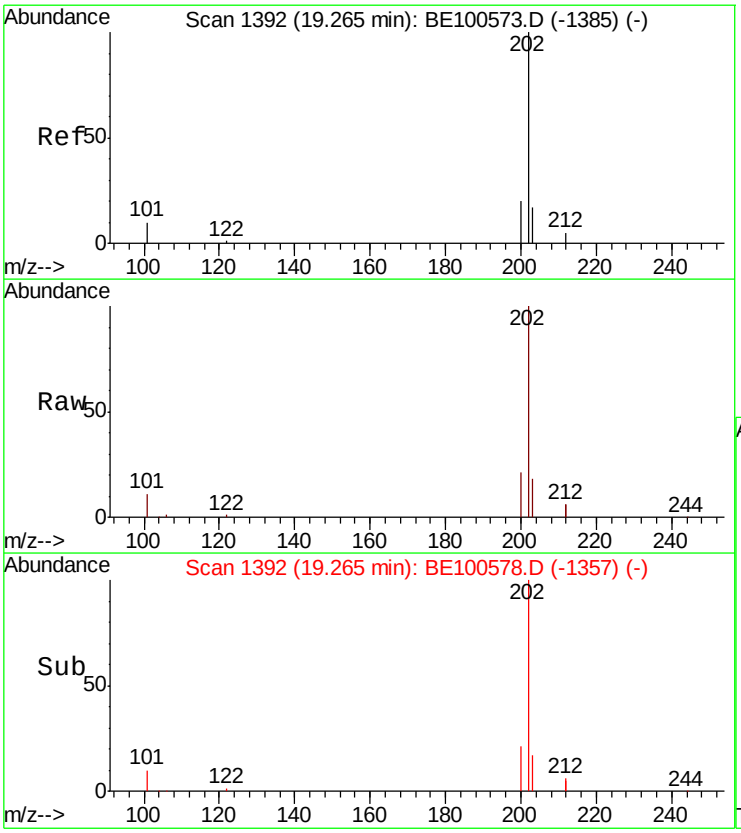
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 118836

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.5	3.7
104	1.7	1.4	2.0

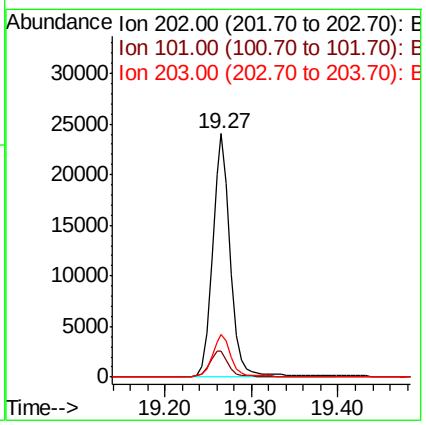


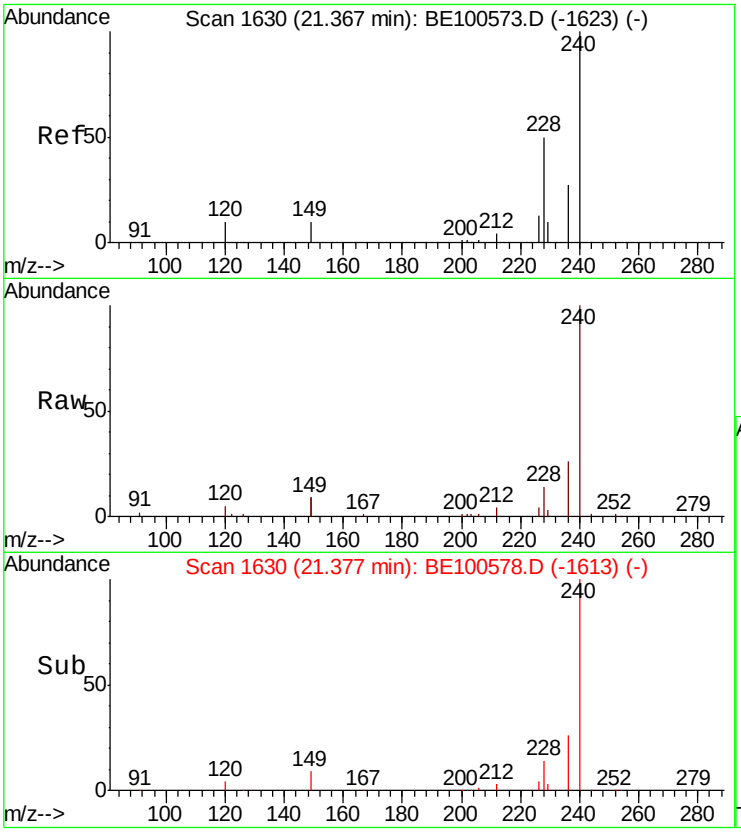


#26
Fluoranthene
Concen: 0.383 ng
RT: 19.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:202 Resp: 34158

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.2	13.6	20.4



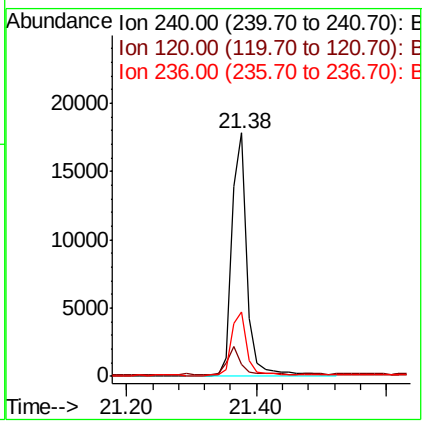


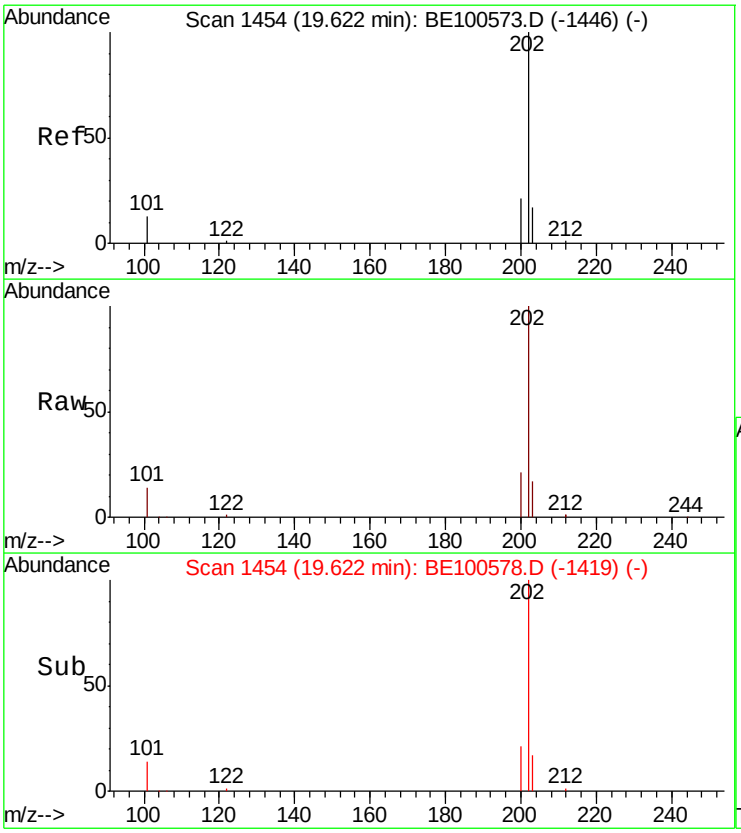
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. 0.01 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 28958

Ion	Ratio	Lower	Upper
240	100		
120	4.9	8.7	13.1#
236	26.3	21.8	32.8

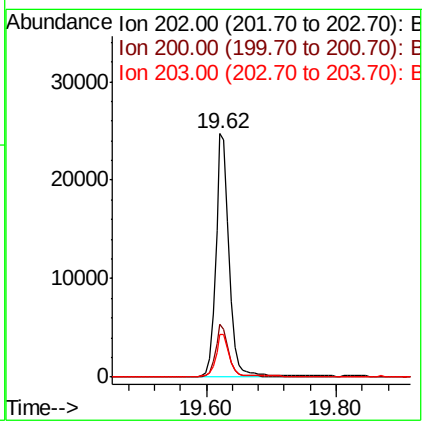


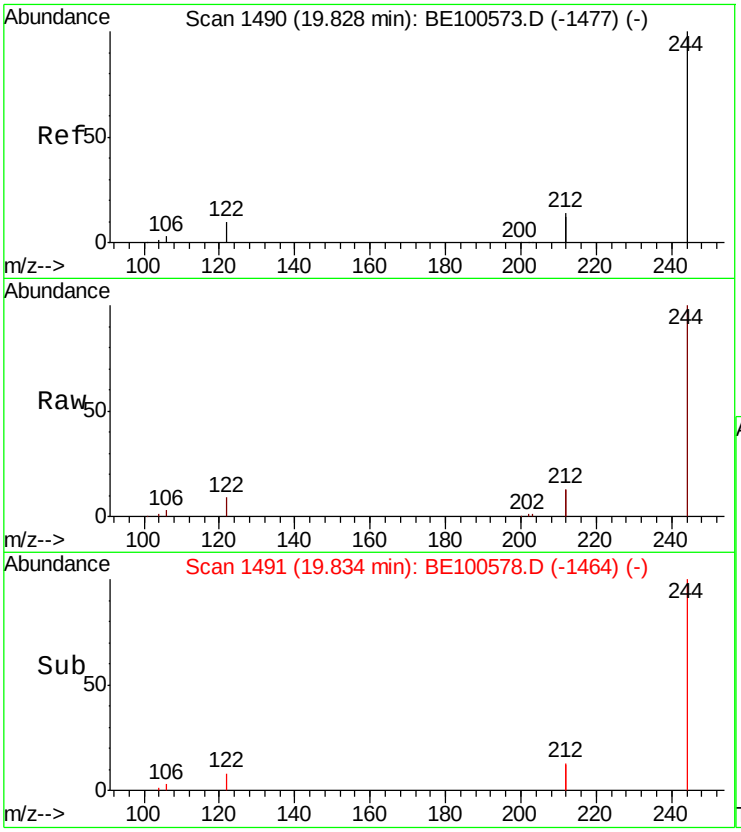


#28
Pyrene
Concen: 0.405 ng
RT: 19.62 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:202 Resp: 35517

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.5	14.2	21.2



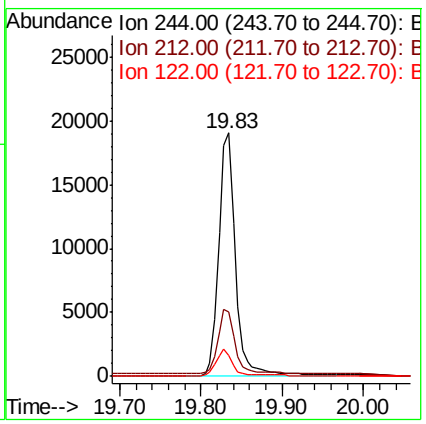


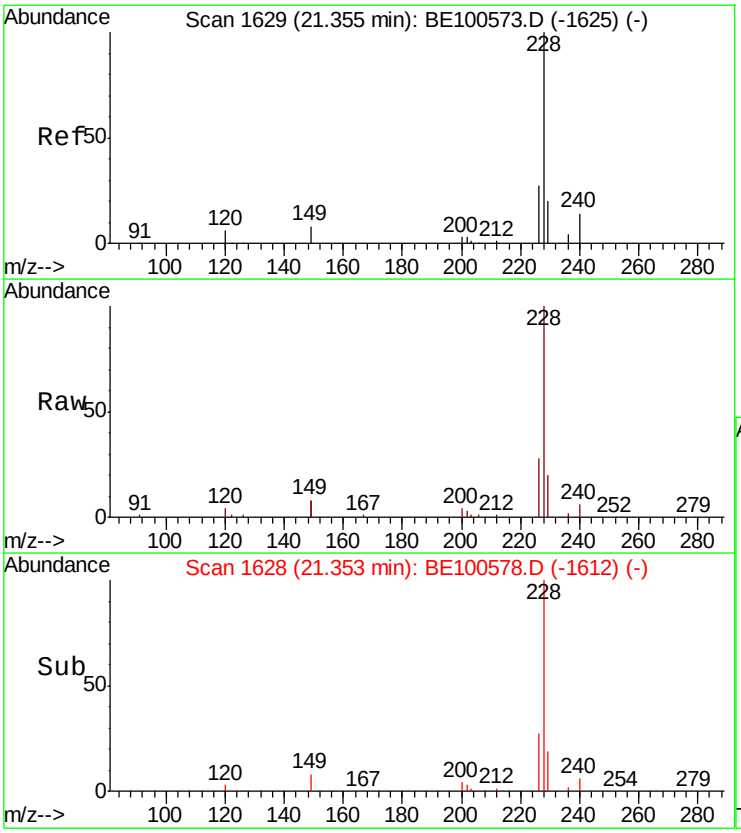
#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 27078

Ion	Ratio	Lower	Upper
244	100		
212	26.7	21.8	32.8
122	8.5	8.2	12.4

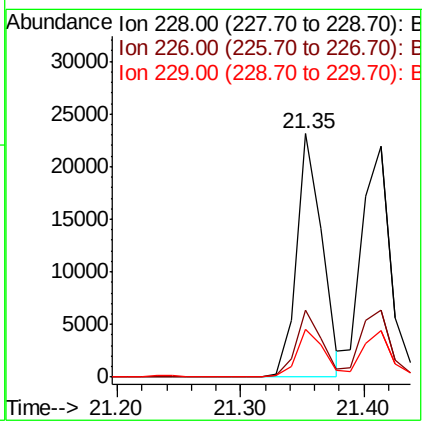


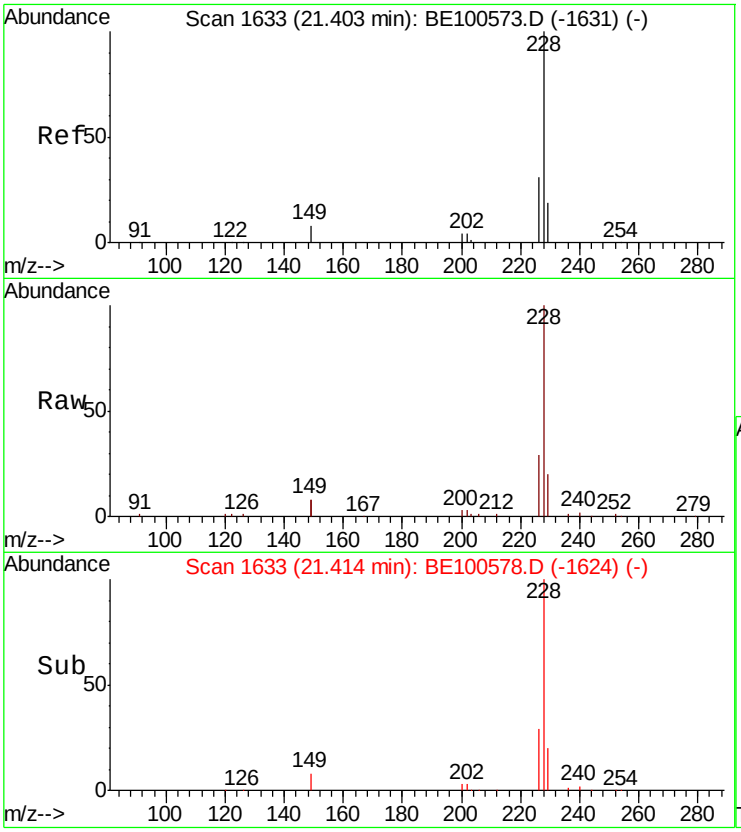


#30
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:228 Resp: 32814

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.7	32.5
229	19.7	16.1	24.1



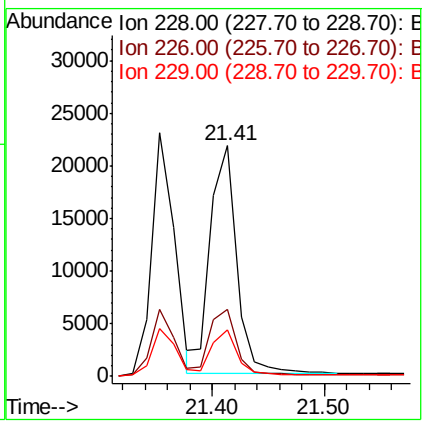


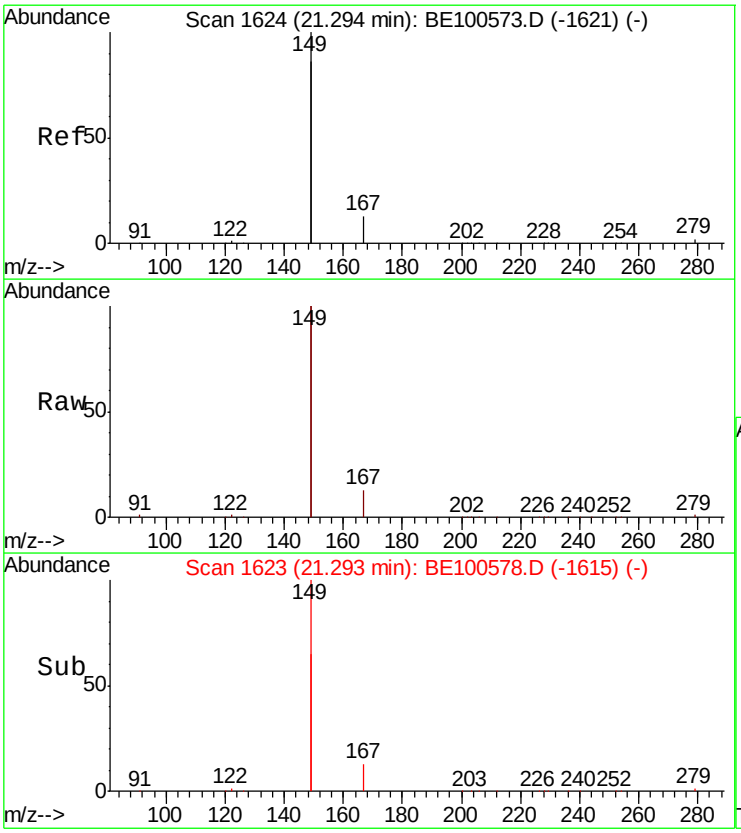
#31
Chrysene
Concen: 0.401 ng
RT: 21.41 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 34913

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.4	36.6
229	20.2	15.6	23.4

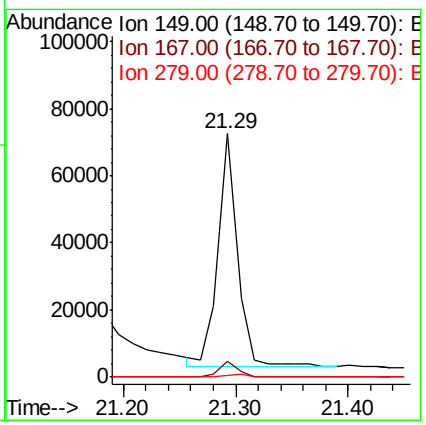


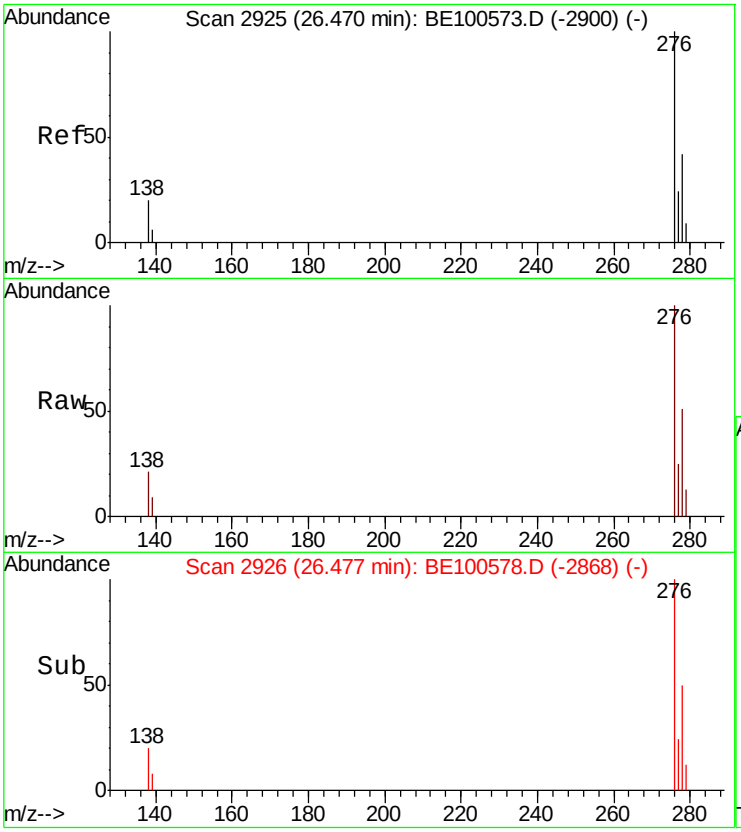


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:149 Resp: 82242

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.0	7.6
279	1.0	0.8	1.2



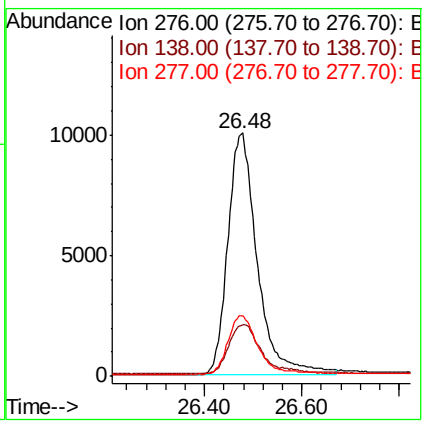


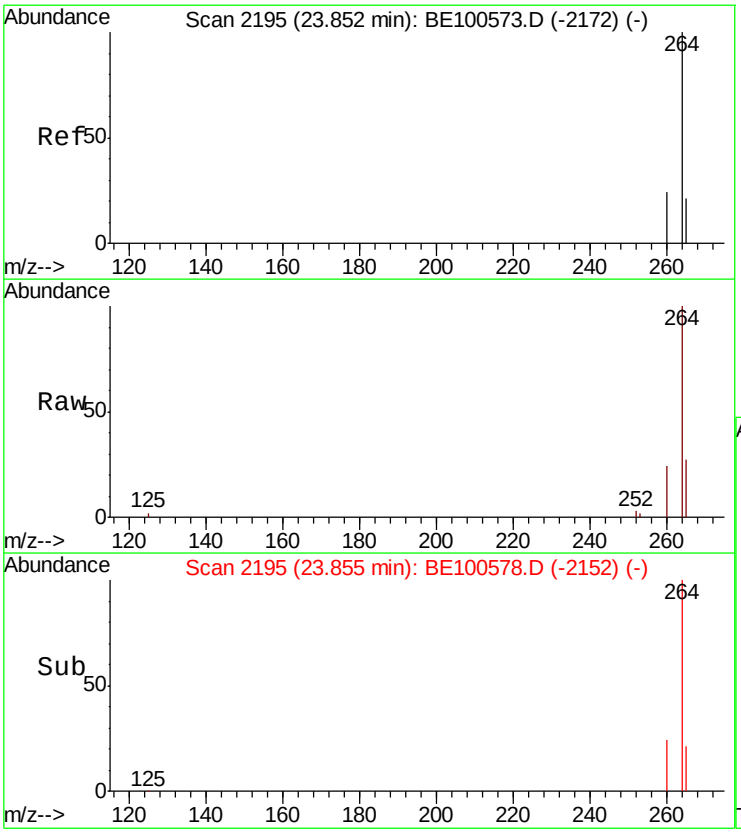
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.48 min Scan# 2926
Delta R.T. 0.01 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 42122

Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.6	27.8
277	24.9	19.4	29.2

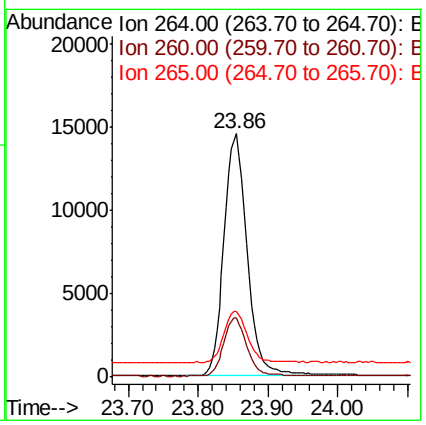


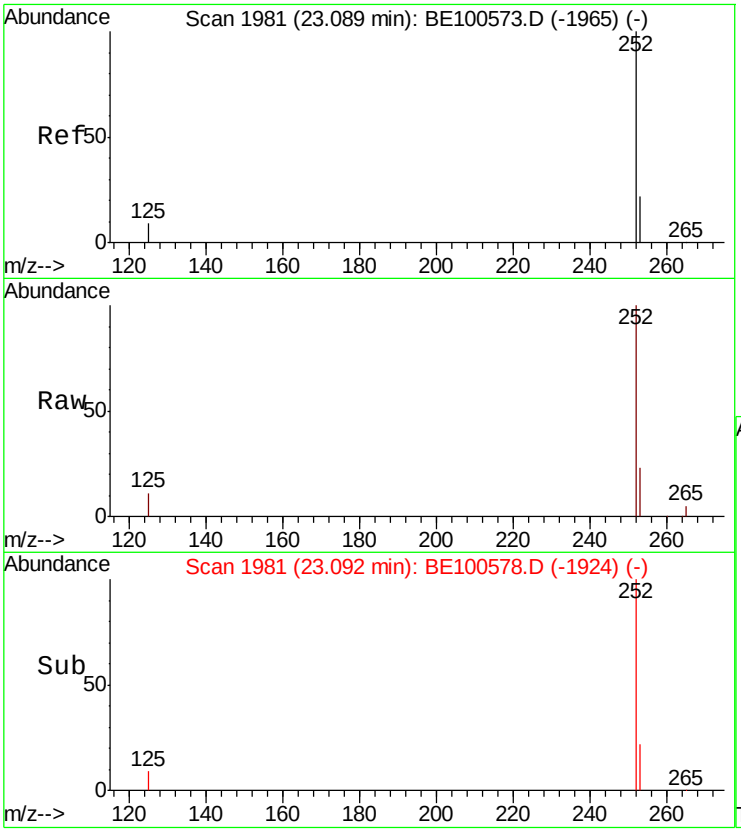


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:264 Resp: 33737

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	27.1	22.2	33.4



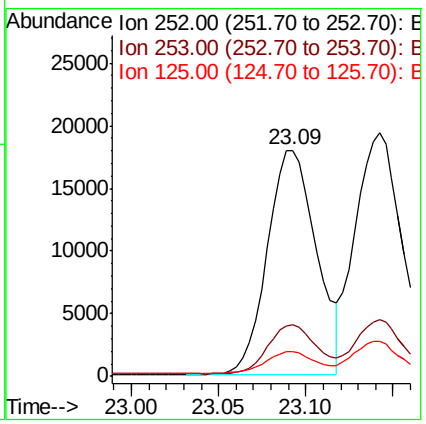


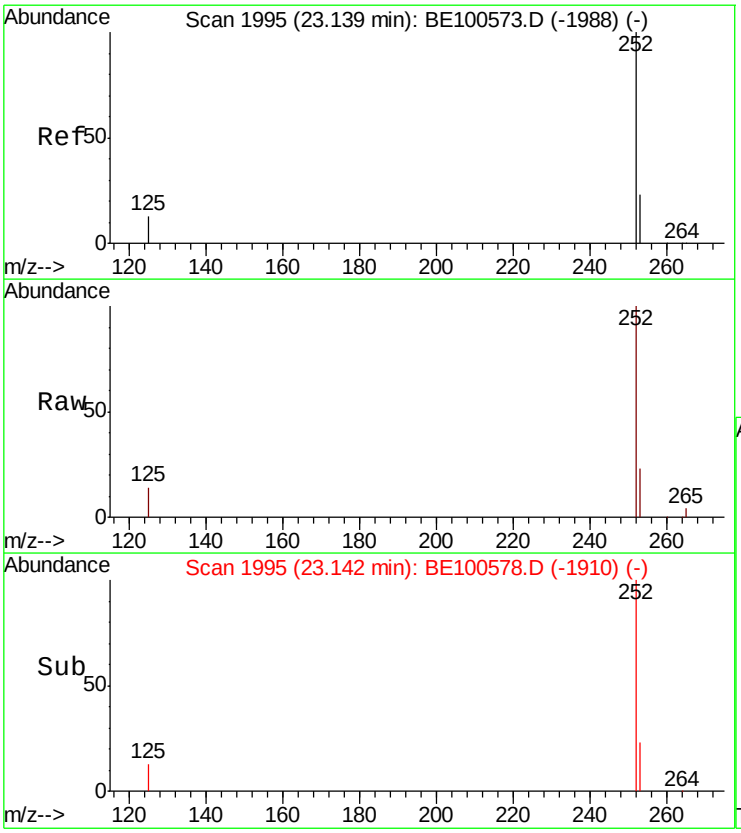
#35
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 23.09 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35036

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	10.7	8.7	13.1

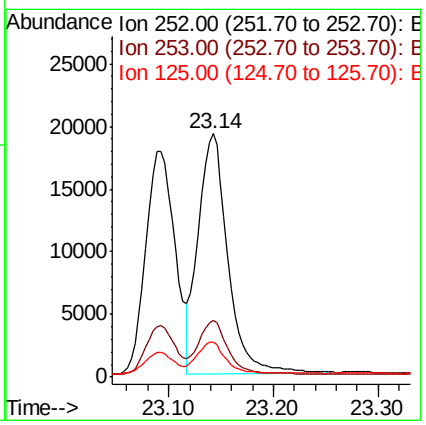


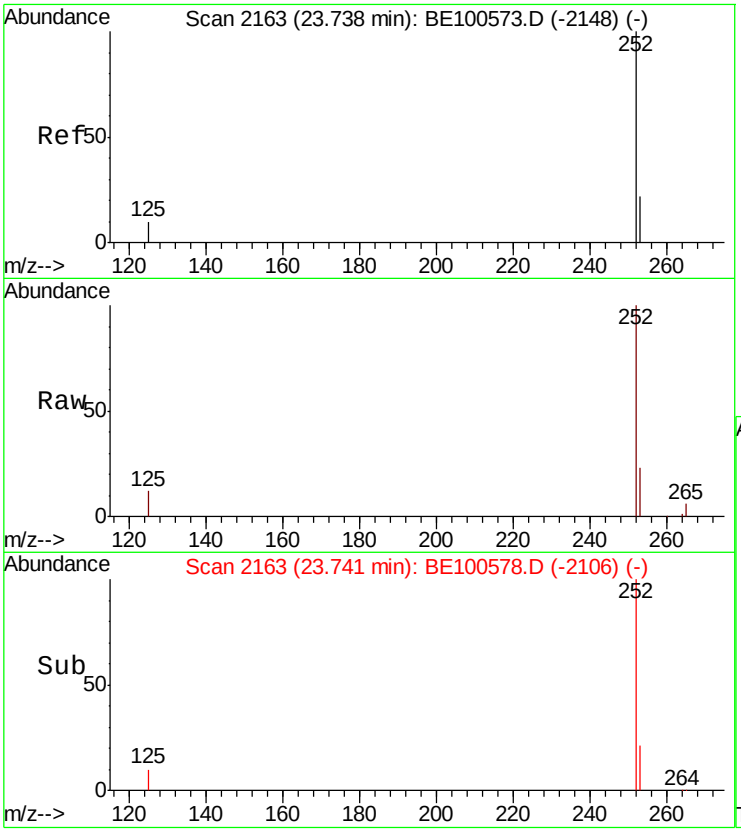


#36
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 23.14 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:252 Resp: 37938

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	14.2	11.4	17.2



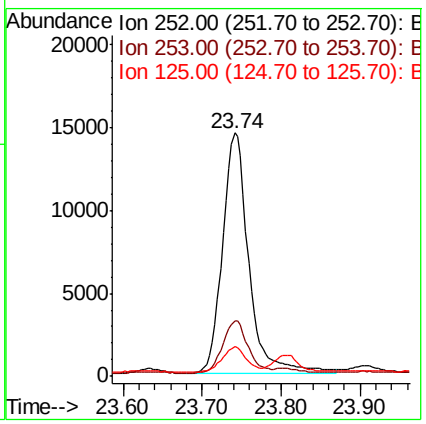


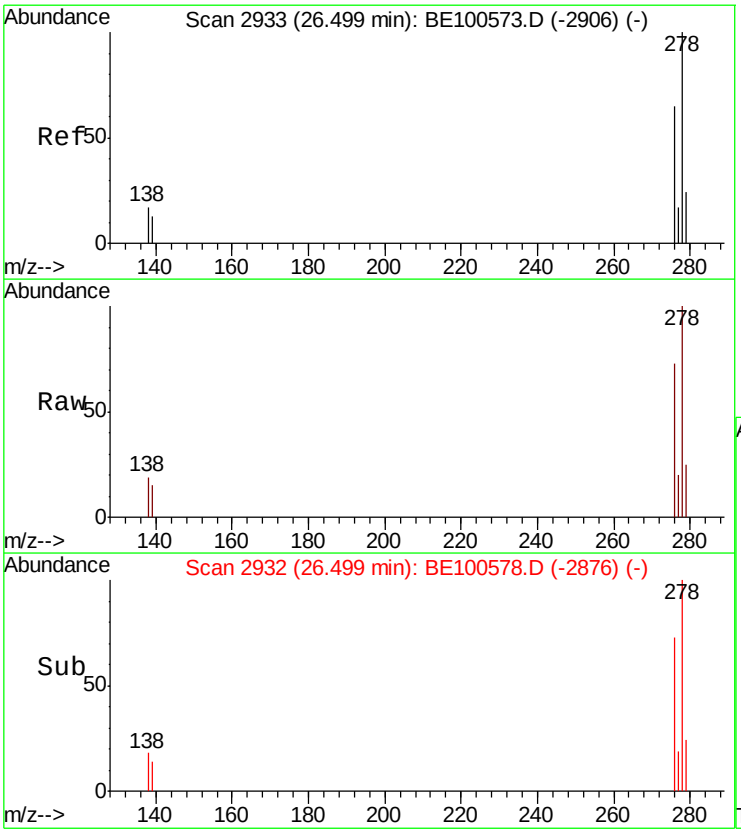
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.74 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 33464

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.0	9.8	14.6

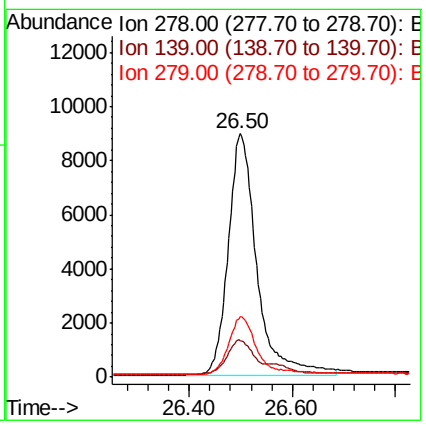


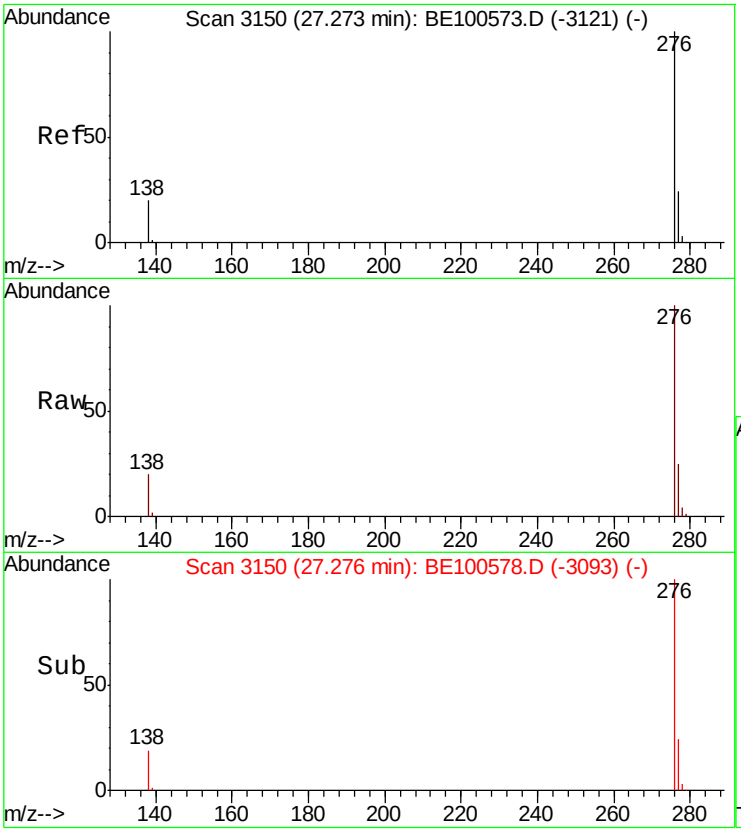


#38
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 26.50 min Scan# 2932
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Tgt Ion:278 Resp: 34365

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.7	17.5
279	24.6	19.9	29.9





#39
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 27.28 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE100578.D
Acq: 27 Sep 2019 18:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 35187

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.7	29.5
138	19.6	17.0	25.4