Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101819\
Data File : BE100659.D
Acq On : 18 Oct 2019 17:28
Operator : JU
Sample : K4995-10DL 25X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 18 23:46:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	7793	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	33499	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	19501	0.40	ng		-0.02
19) Phenanthrene-d10	17.20	188	39059	0.40	ng		0.00
27) Chrysene-d12	21.37	240	40648	0.40	ng		0.00
34) Perylene-d12	23.85	264	45638	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	216	0.01	ng		0.02
5) Phenol-d6	7.02	99	352	0.01	ng		0.01
8) Nitrobenzene-d5	9.00	82	263	0.01	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	432	0.01	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	90	0.02	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	614	0.01	ng		-0.02
25) Fluoranthene-d10	19.23	212	4167	0.01	ng		0.00
29) Terphenyl-d14	19.82	244	1326	0.01	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.68	128	42313	0.120	ng		99
12) 2-Methylnaphthalene	12.29	142	13073	0.218	ng		94
16) Acenaphthylene	14.20	152	33789	0.403	ng		97
17) Acenaphthene	14.54	154	9287	0.171	ng		91
18) Fluorene	15.51	166	22241	0.309	ng	#	86
23) Phenanthrene	17.24	178	516179	4.805	ng		99
24) Anthracene	17.34	178	57452	0.576	ng		98
26) Fluoranthene	19.25	202	403961	2.881	ng		98
28) Pyrene	19.62	202	674251	5.937	ng	#	95
30) Benzo(a)anthracene	21.35	228	295214	2.226	ng		92
31) Chrysene	21.40	228	287618	2.171	ng		98
32) Bis(2-ethylhexyl)phthalate	21.29	149	7404	0.027	ng	#	79
33) Indeno(1,2,3-cd)pyrene	26.46	276	111219	0.683	ng		96
35) Benzo(b)fluoranthene	23.10	252	228109	1.714	ng		98
36) Benzo(k)fluoranthene	23.10	252	228109	1.667	ng		98
37) Benzo(a)pyrene	23.73	252	196431	1.586	ng		99
38) Dibenzo(a,h)anthracene	26.48	278	36215	0.283	ng	#	84
39) Benzo(g,h,i)perylene	27.27	276	138150	1.073	ng		98

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

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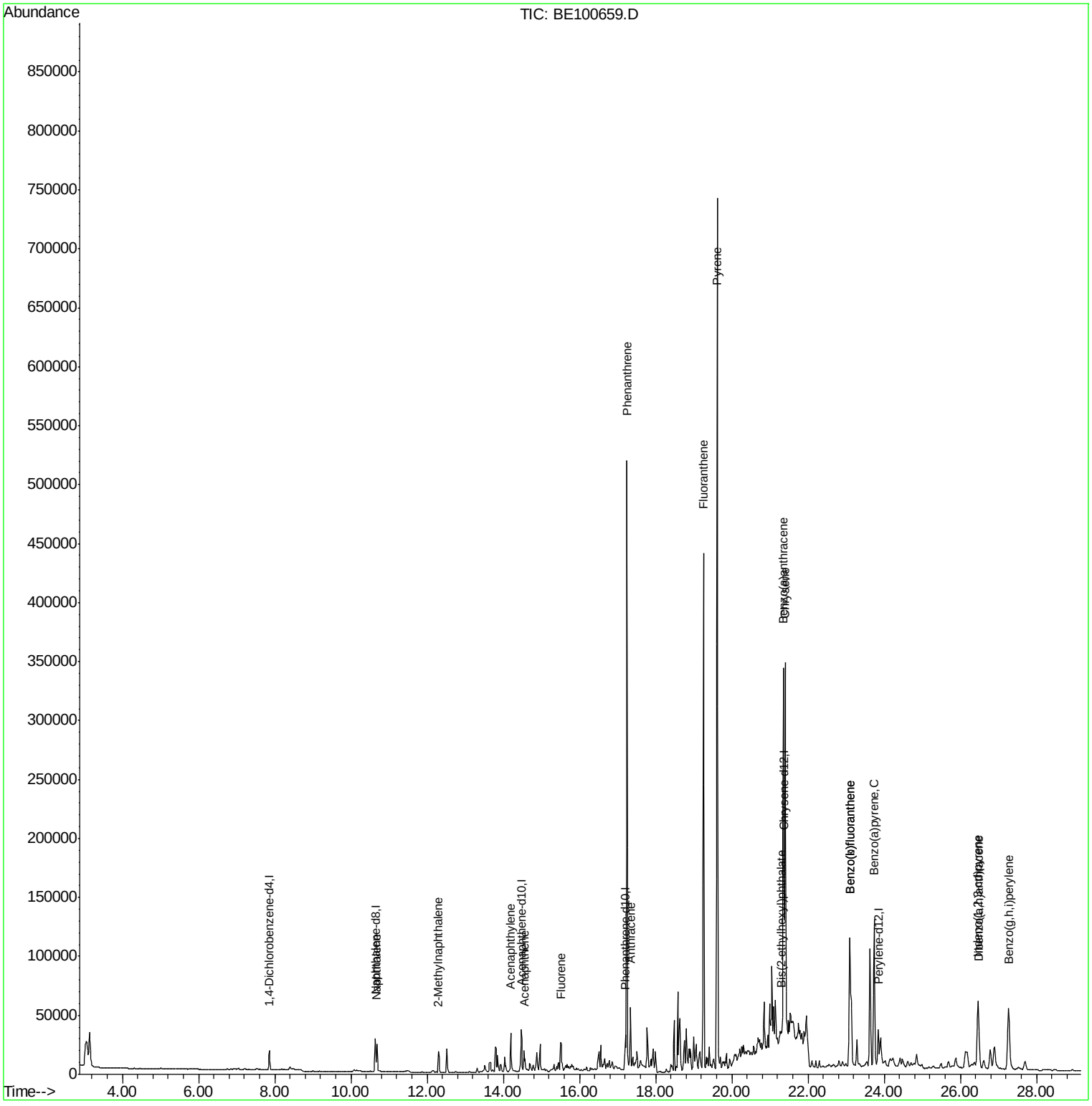
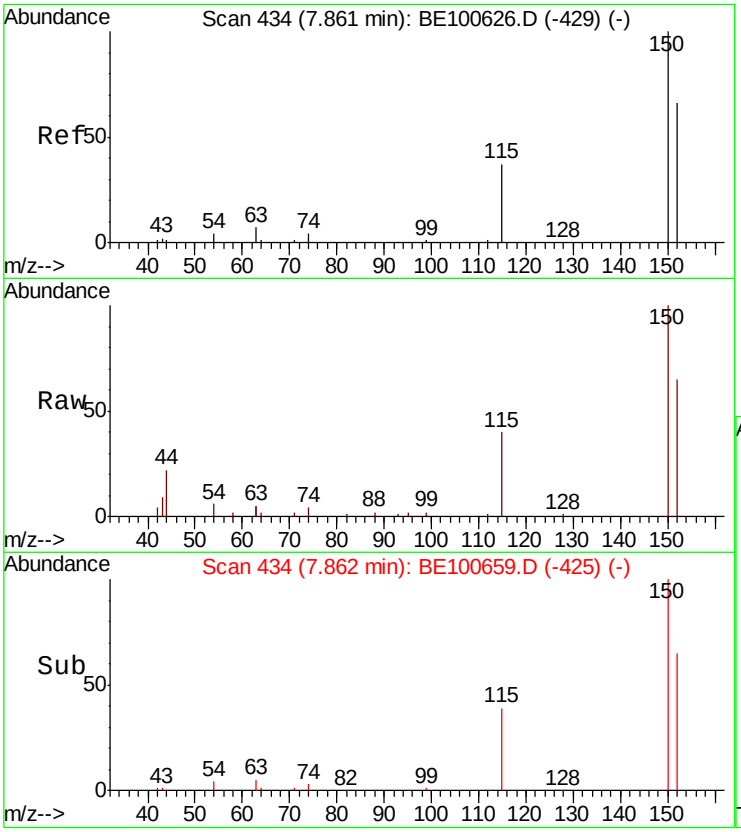


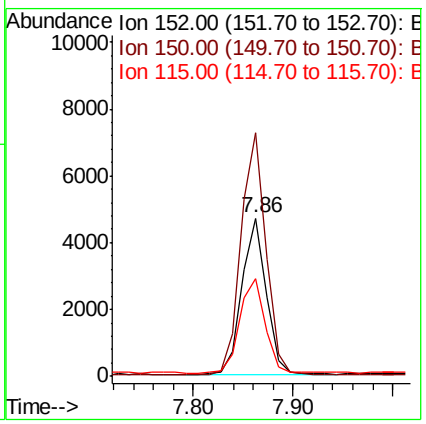


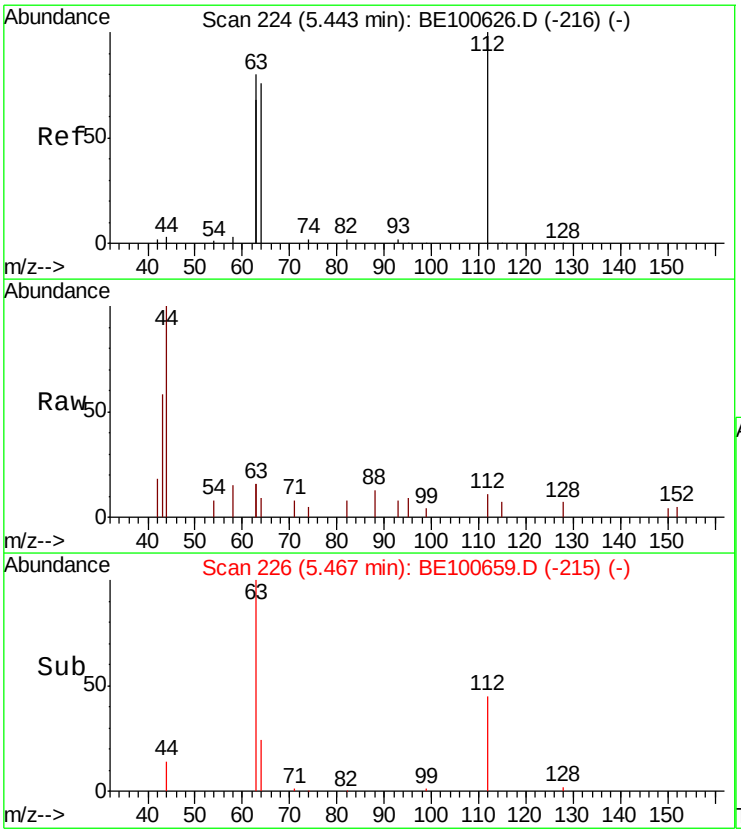
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 7793

Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.7	181.1
115	61.8	48.0	72.0

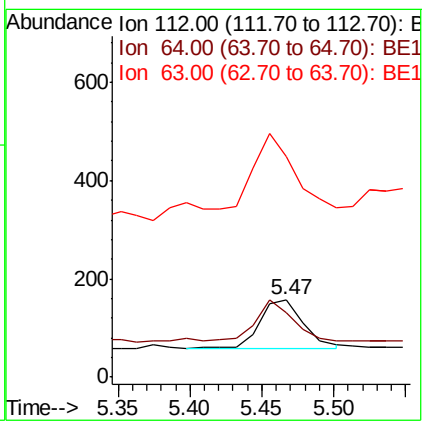


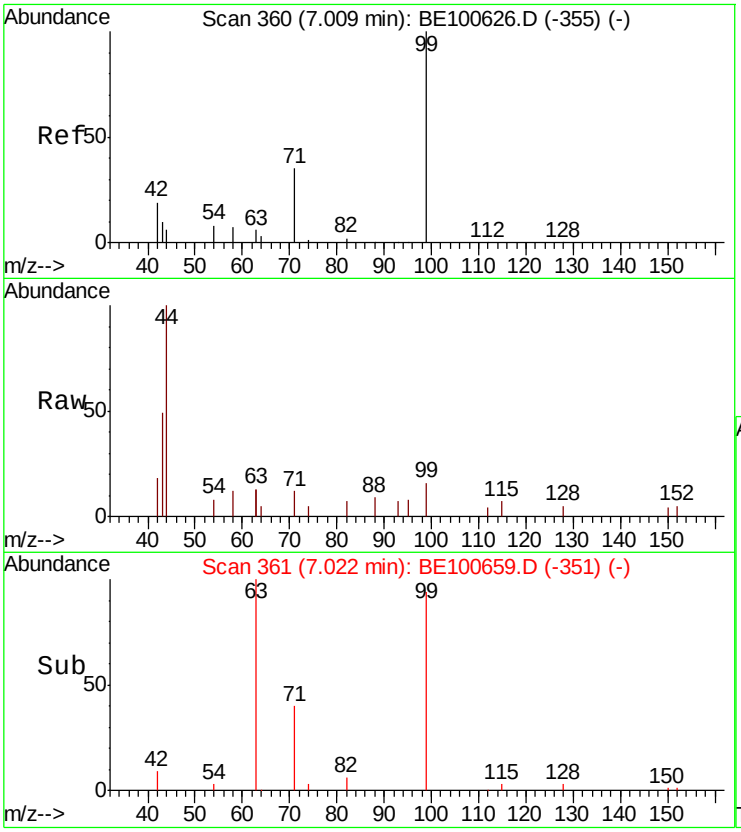


#4
2-Fluorophenol
Concen: 0.009 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.02 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:112 Resp: 216

Ion	Ratio	Lower	Upper
112	100		
64	68.5	58.9	88.3
63	149.5	118.3	177.5



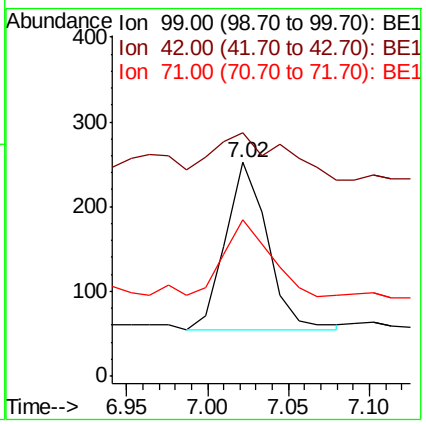


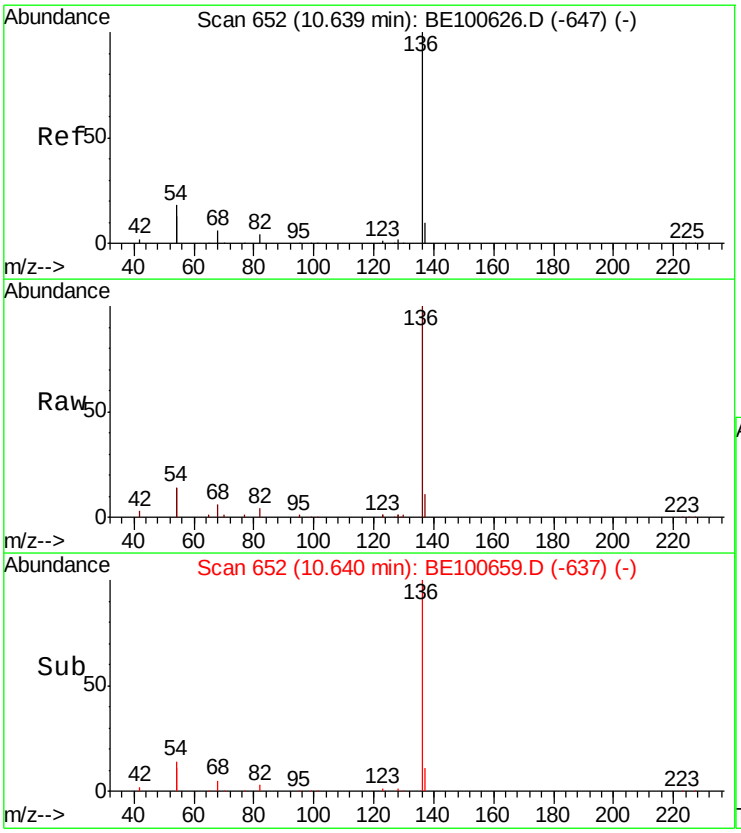
#5
Phenol-d6
Concen: 0.010 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 352

Ion	Ratio	Lower	Upper
99	100		
42	46.0	19.4	29.2#
71	53.7	26.9	40.3#

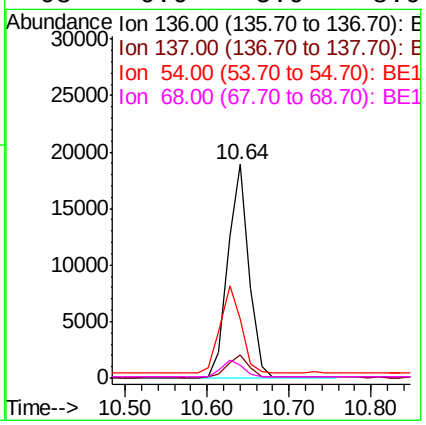


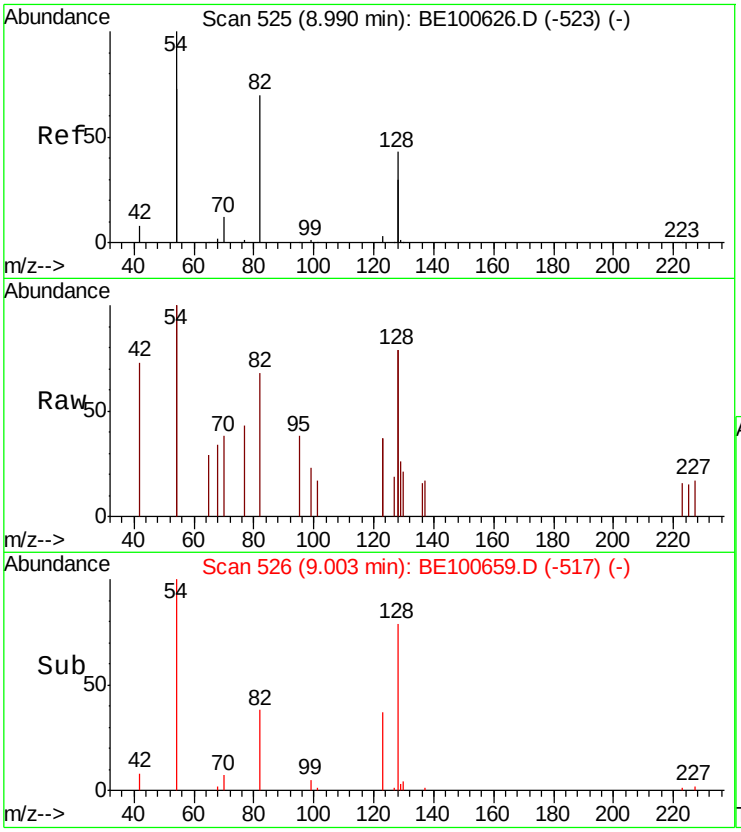


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:136 Resp: 33499

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	27.3	28.7	43.1#
68	6.0	5.9	8.9



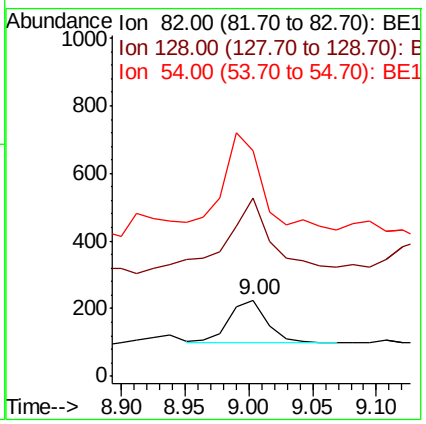


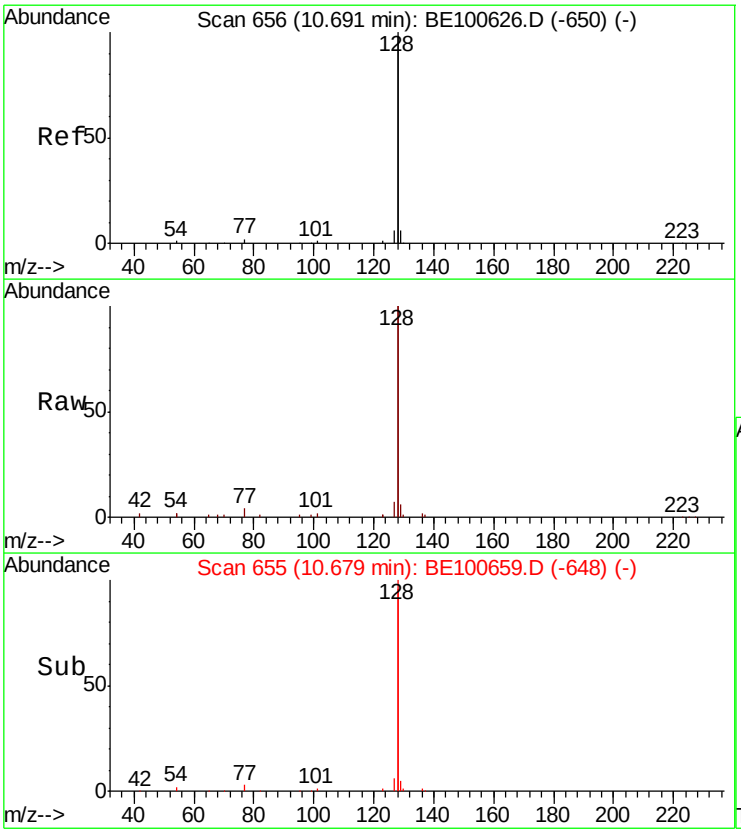
#8
Nitrobenzene-d5
Concen: 0.013 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 263

Ion	Ratio	Lower	Upper
82	100		
128	233.8	90.7	136.1#
54	296.0	210.9	316.3

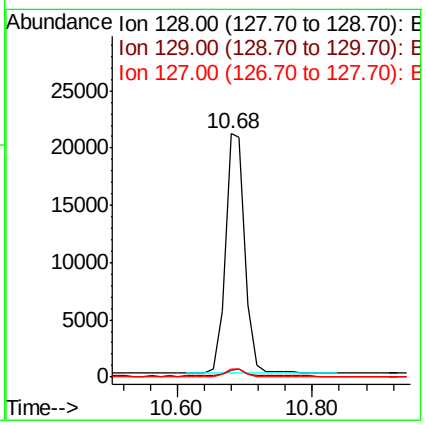


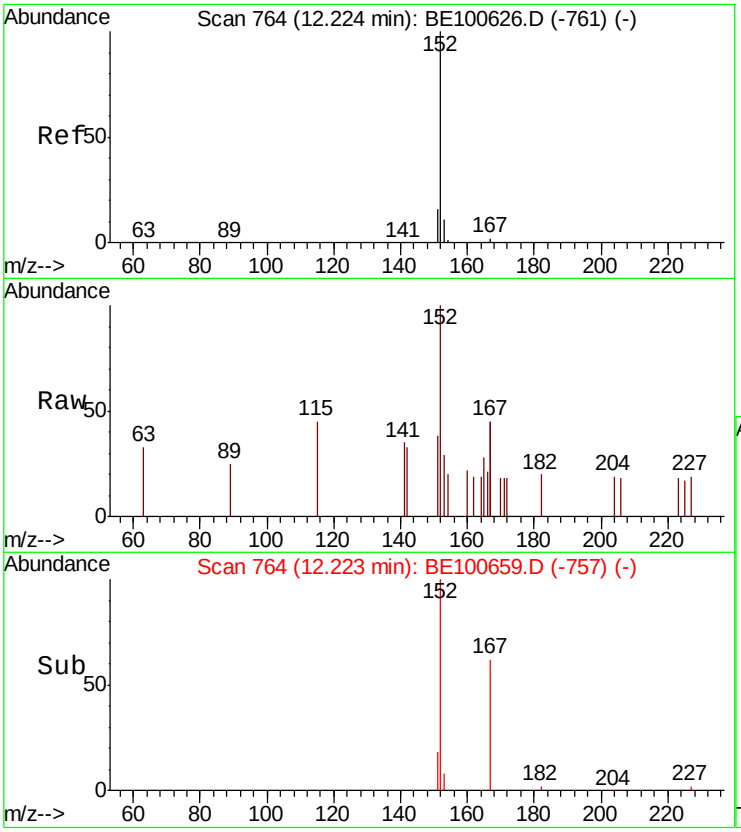


#9
Naphthalene
Concen: 0.120 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:128 Resp: 42313

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.5	2.6	3.8



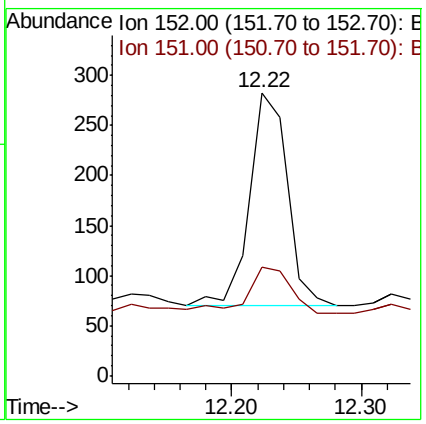


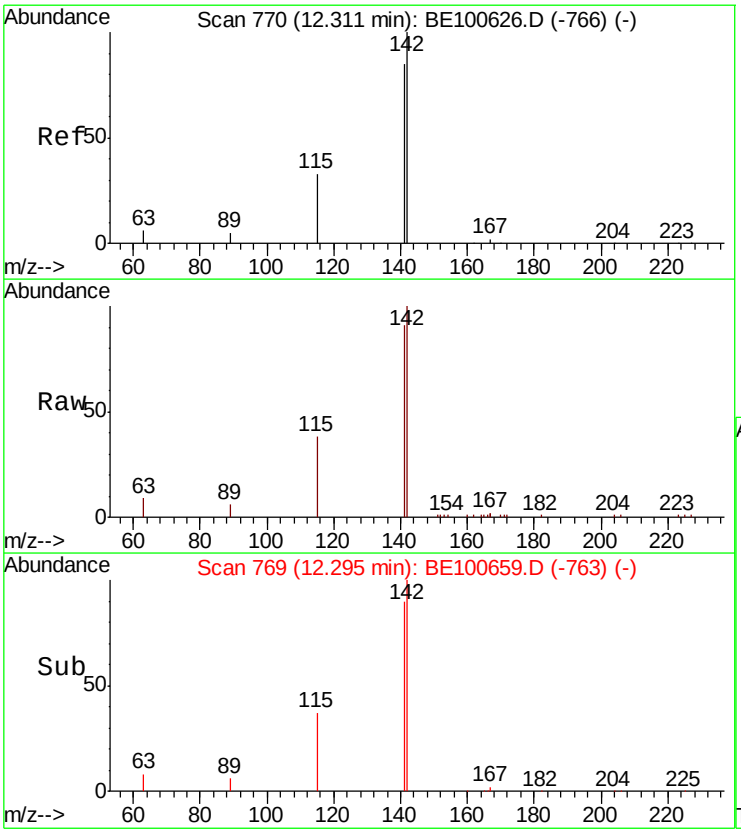
#11
2-Methylnaphthalene-d10
Concen: 0.008 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 432

Ion	Ratio	Lower	Upper
152	100		
151	24.1	15.2	22.8#

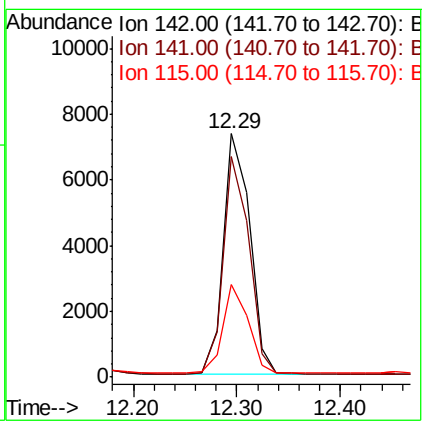


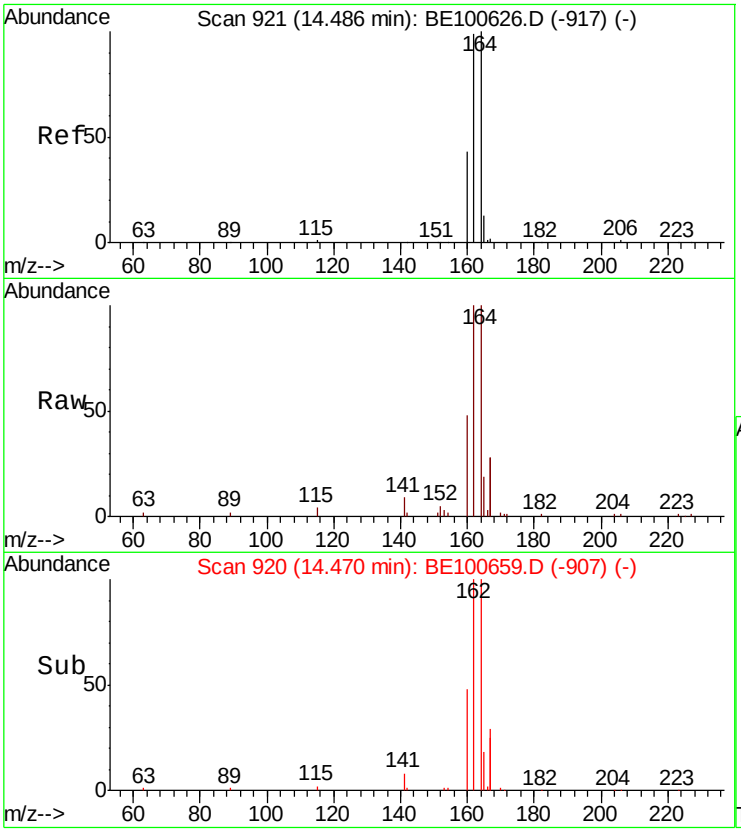


#12
2-Methylnaphthalene
Concen: 0.218 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.02 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:142 Resp: 13073

Ion	Ratio	Lower	Upper
142	100		
141	90.7	68.3	102.5
115	38.1	27.5	41.3



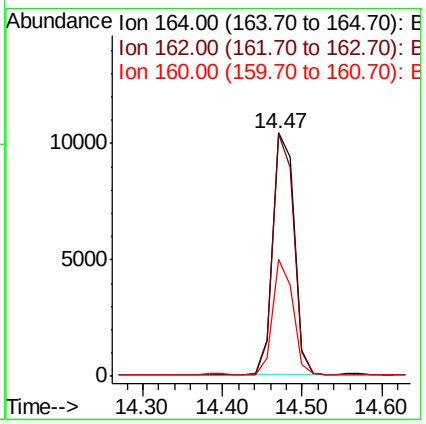


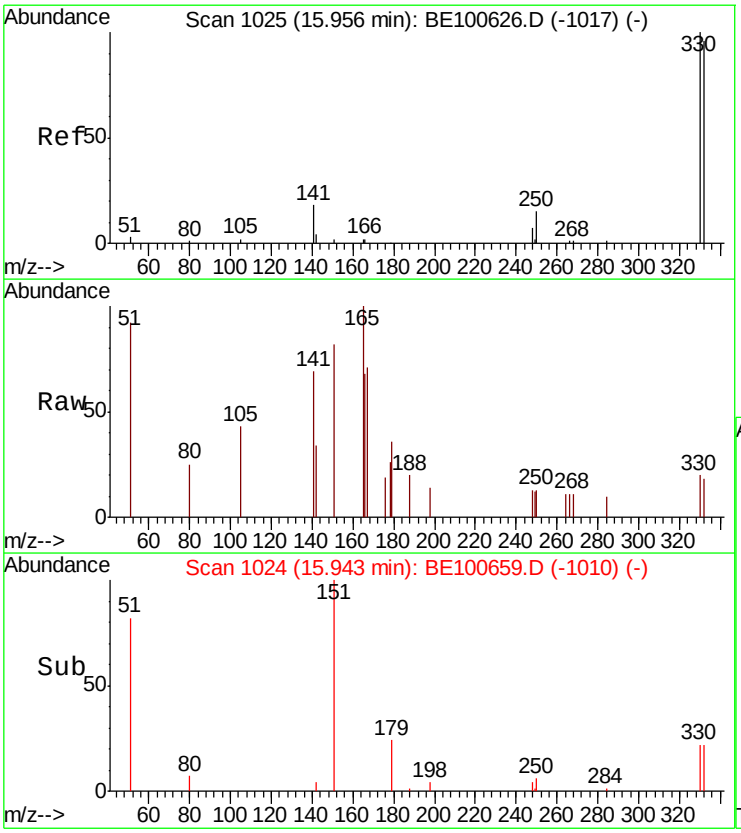
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 19501

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.1	118.7
160	48.1	34.7	52.1

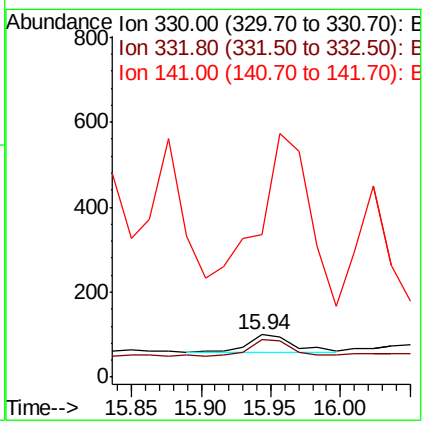


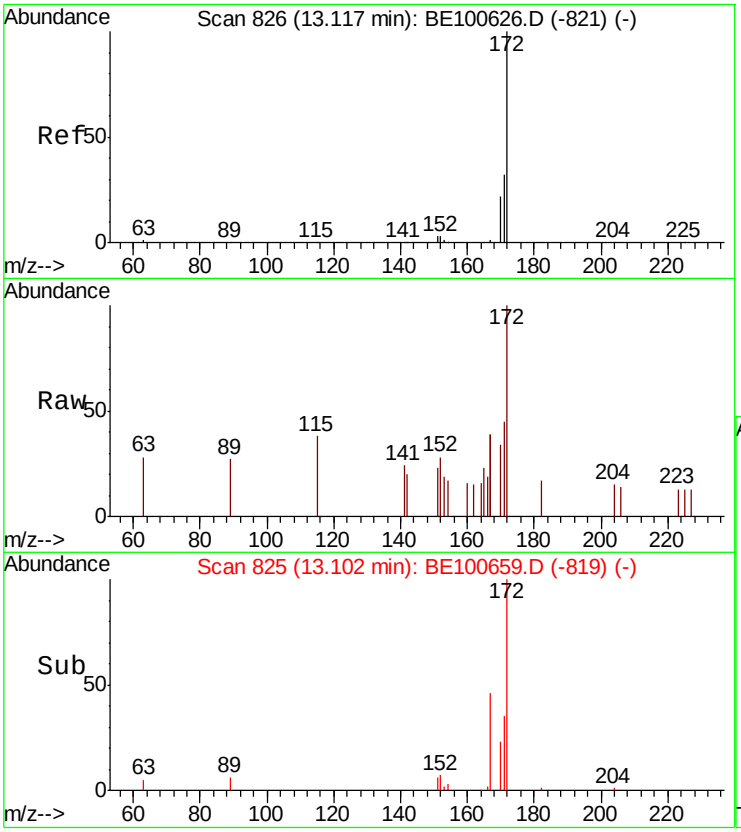


#14
2,4,6-Tribromophenol
Concen: 0.017 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:330 Resp: 90

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.2	112.8
141	1193.3	37.5	56.3#



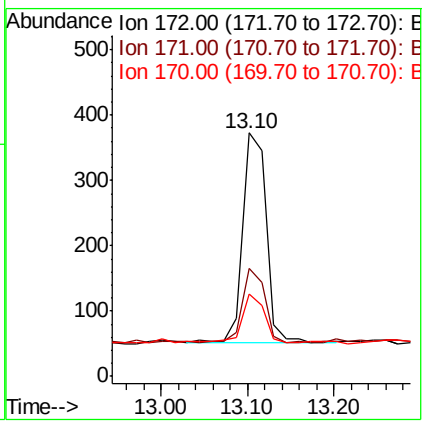


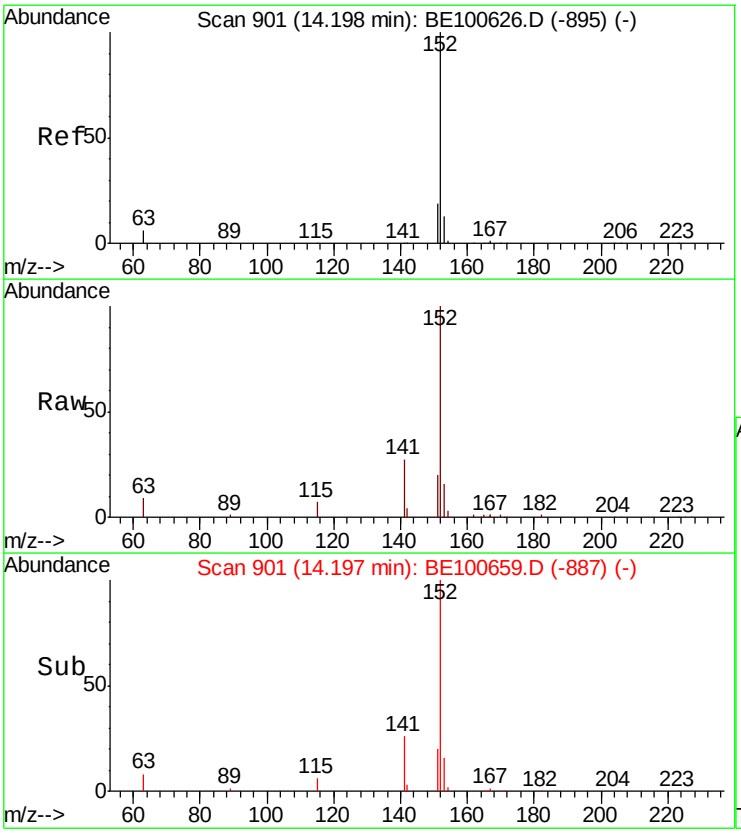
#15
2-Fluorobiphenyl
Concen: 0.009 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 614

Ion	Ratio	Lower	Upper
172	100		
171	44.5	26.2	39.4#
170	33.8	17.5	26.3#

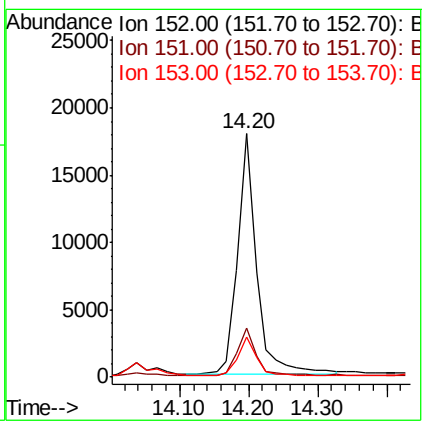


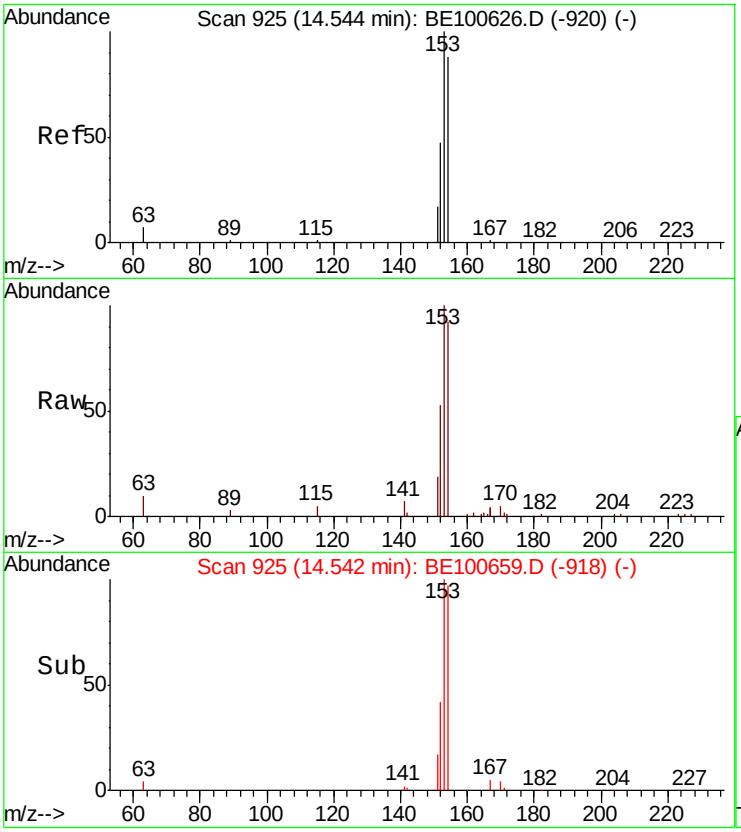


#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:152 Resp: 33789

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	15.6	10.5	15.7



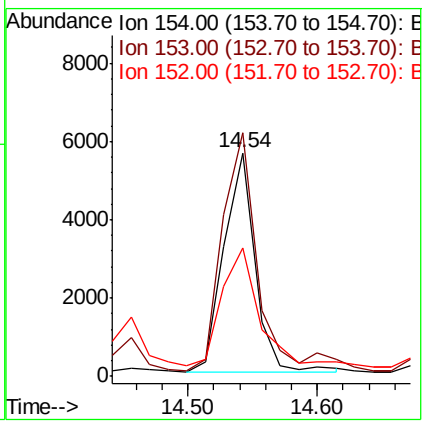


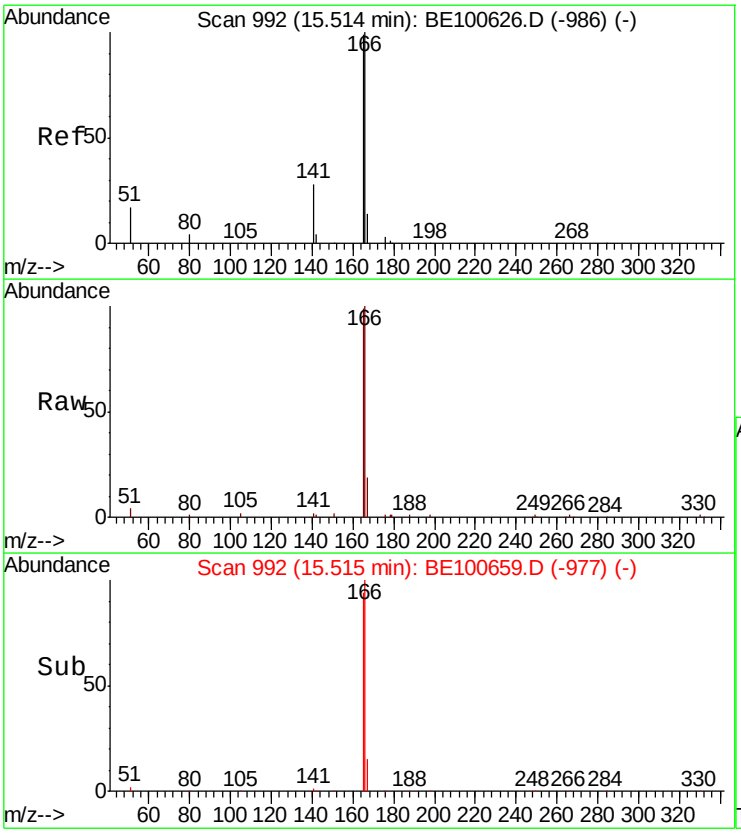
#17
Acenaphthene
Concen: 0.171 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 9287

Ion	Ratio	Lower	Upper
154	100		
153	123.9	91.4	137.2
152	62.3	44.0	66.0

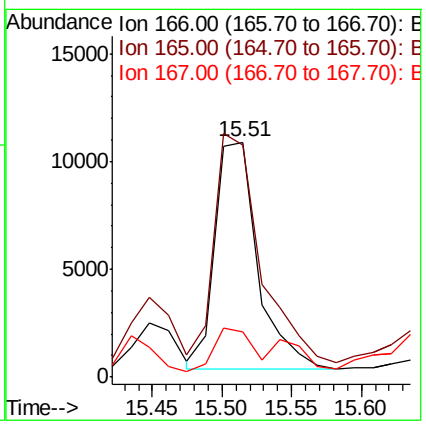


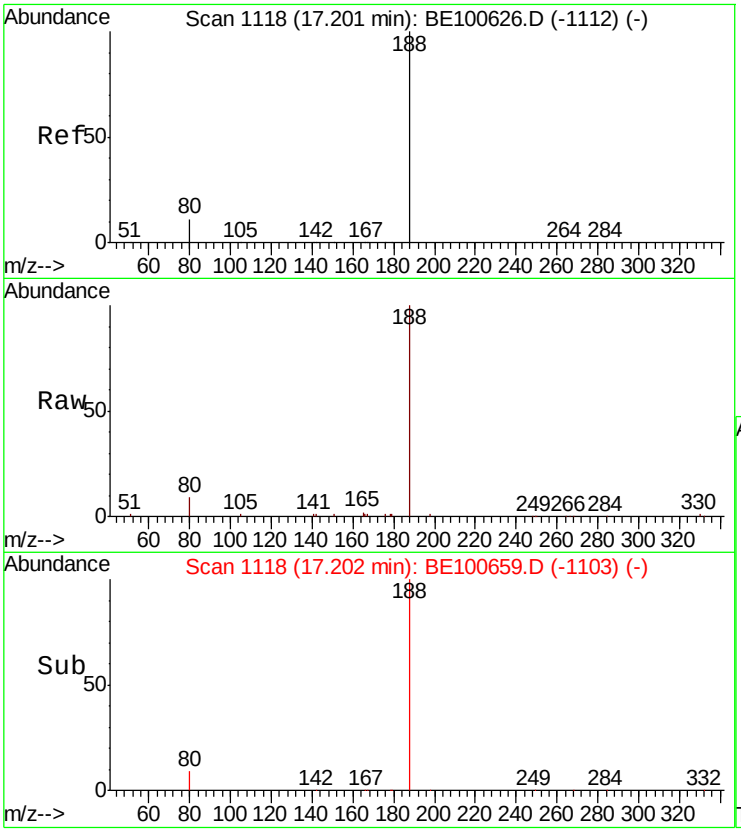


#18
Fluorene
Concen: 0.309 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:166 Resp: 22241

Ion	Ratio	Lower	Upper
166	100		
165	109.4	78.9	118.3
167	27.8	10.9	16.3#



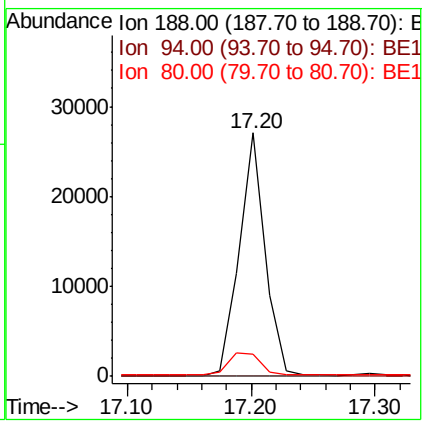


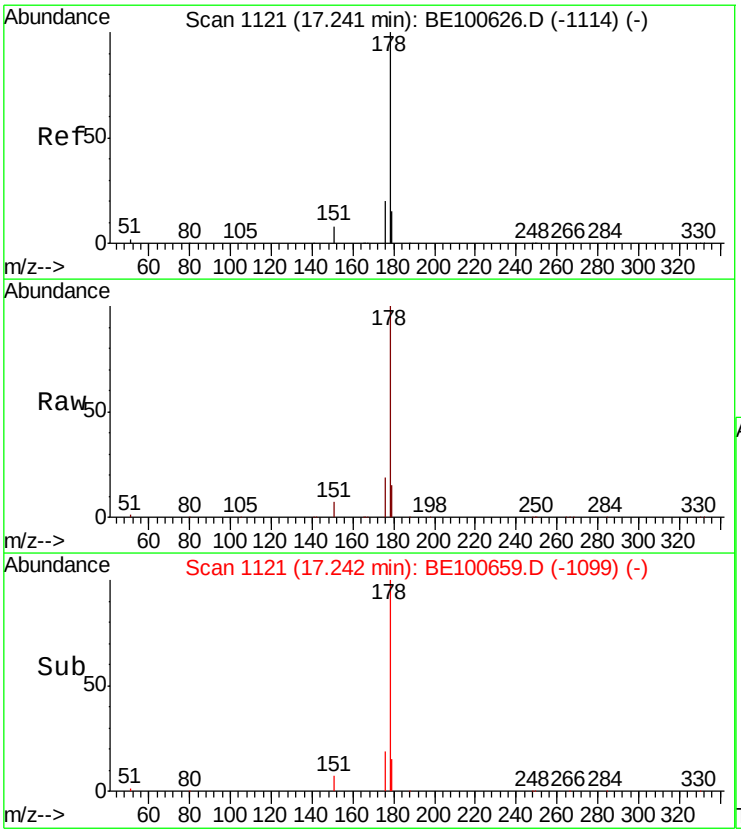
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 39059

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	9.4	14.2#

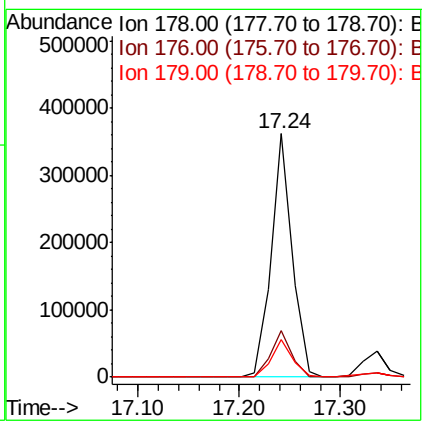


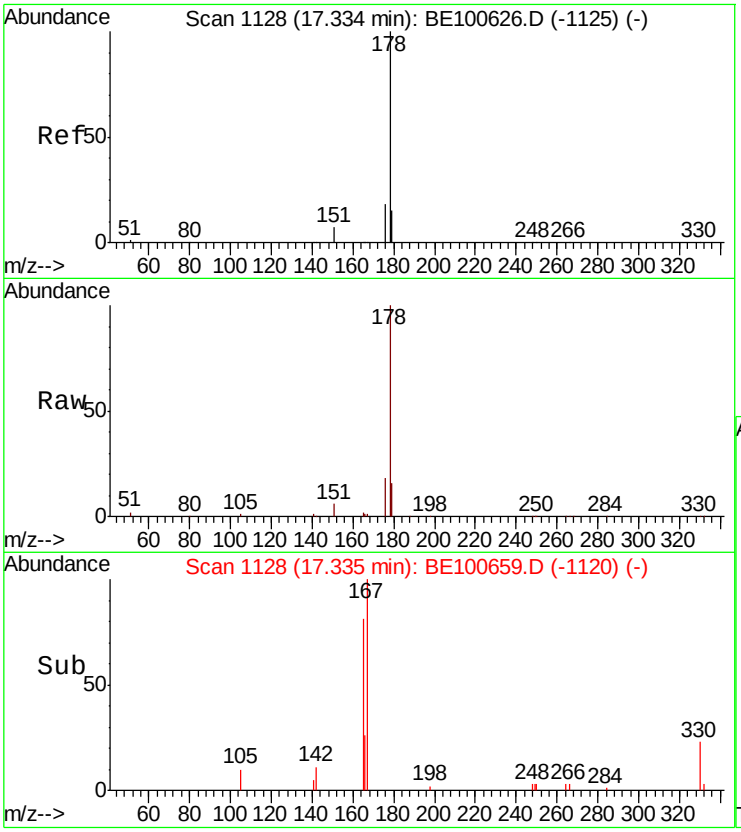


#23
Phenanthrene
Concen: 4.805 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:178 Resp: 516179

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.6	12.4	18.6



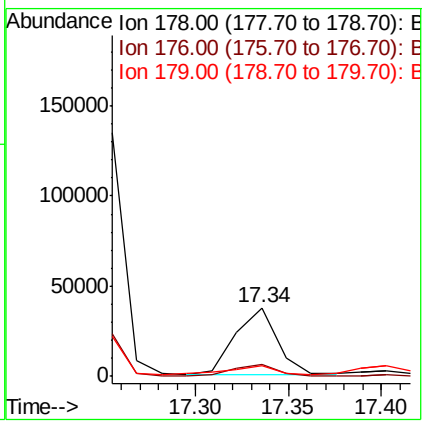


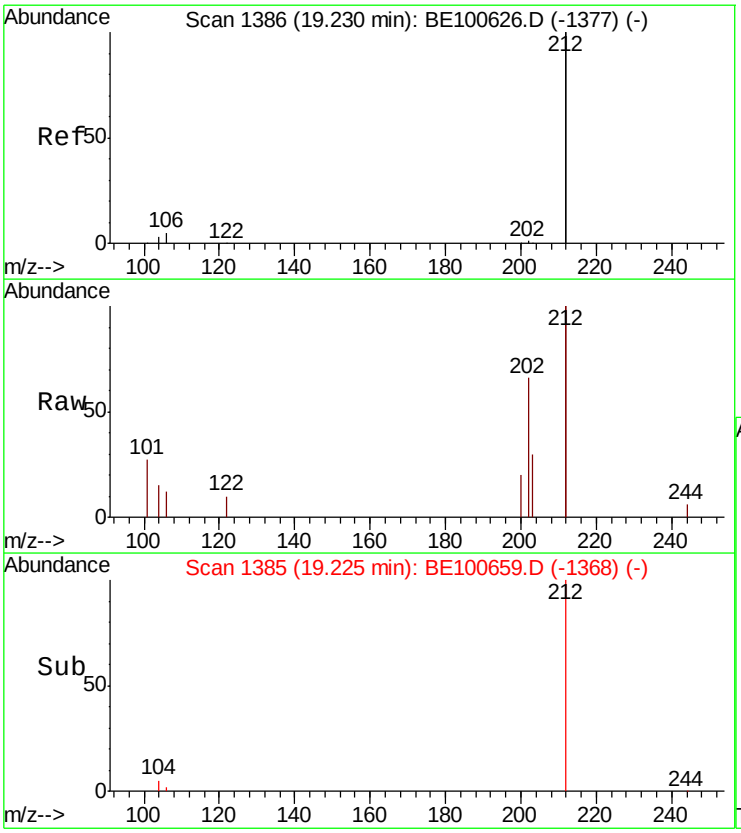
#24
Anthracene
Concen: 0.576 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 57452

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	17.0	12.4	18.6

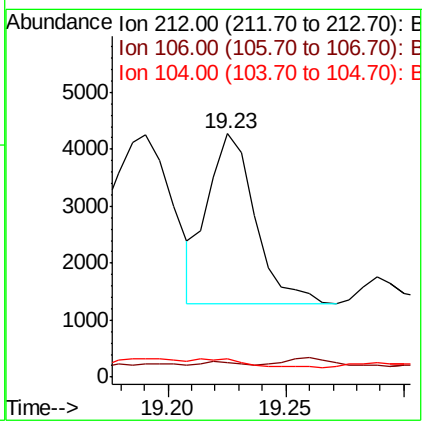


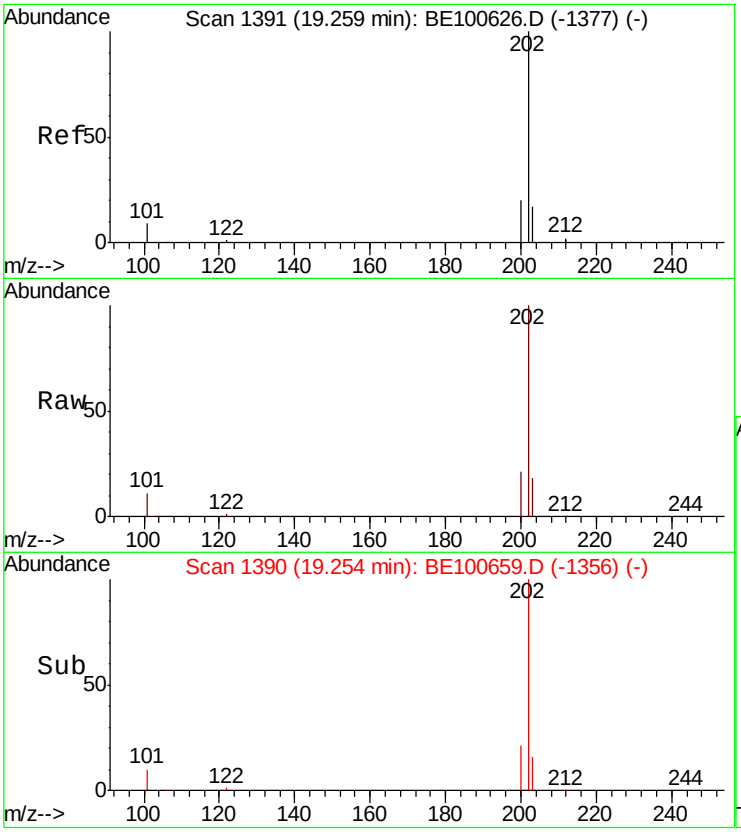


#25
Fluoranthene-d10
Concen: 0.008 ng
RT: 19.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:212 Resp: 4167

Ion	Ratio	Lower	Upper
212	100		
106	1.6	2.2	3.4#
104	0.0	1.3	1.9#



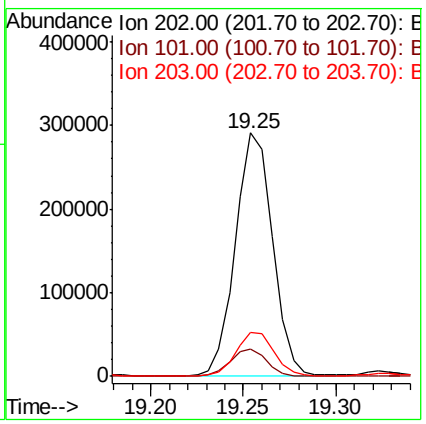


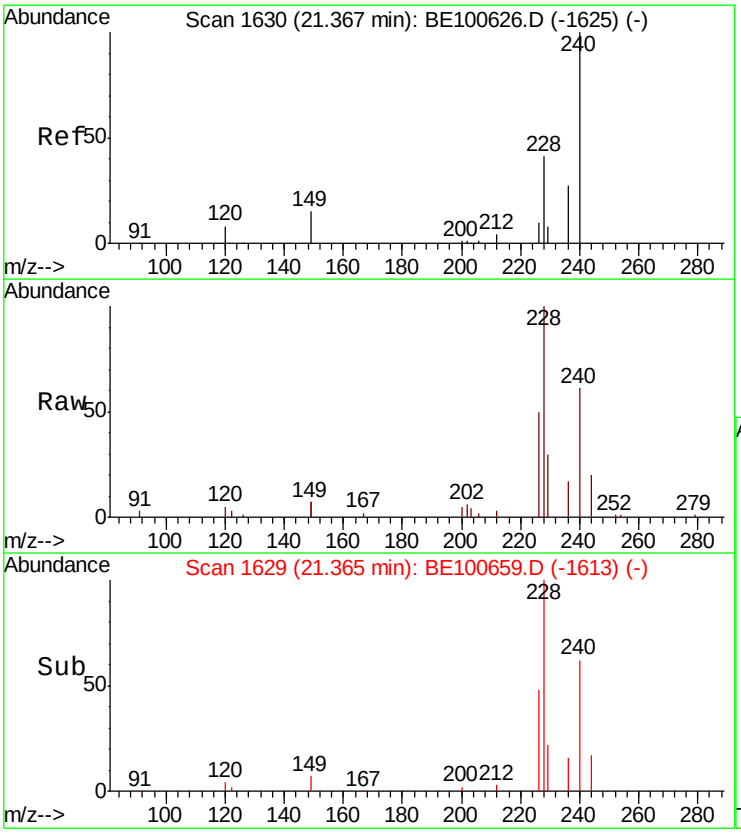
#26
Fluoranthene
Concen: 2.881 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 403961

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	18.1	13.8	20.6

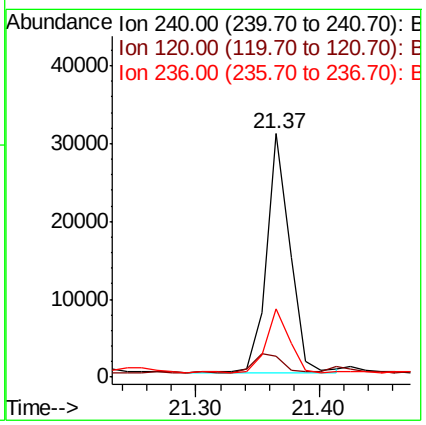


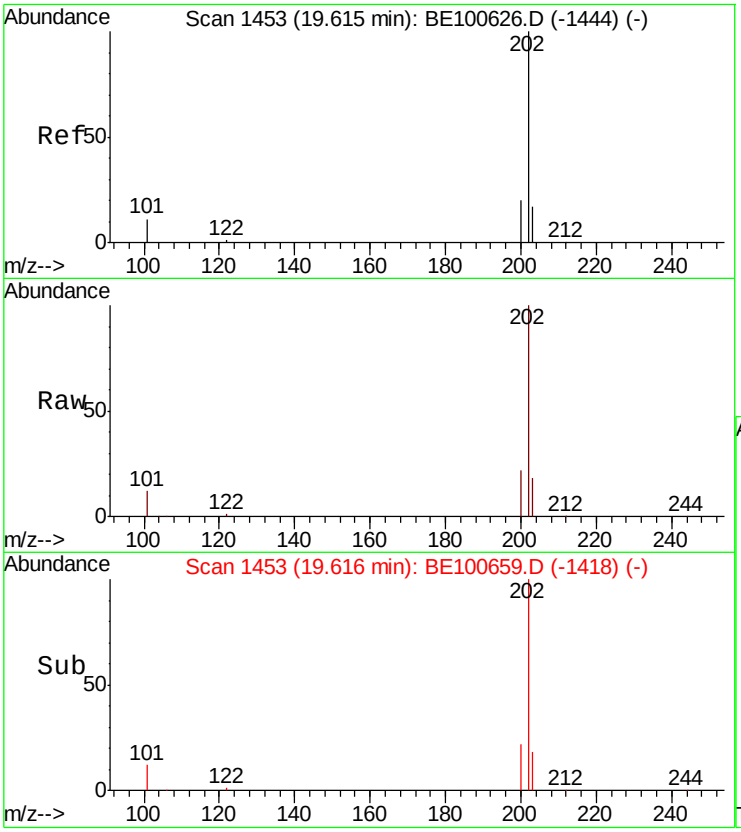


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:240 Resp: 40648

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.4	11.0
236	28.2	21.7	32.5



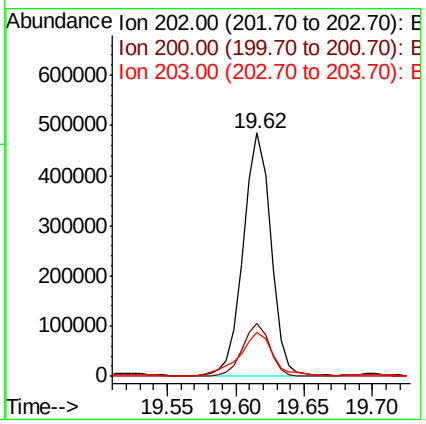


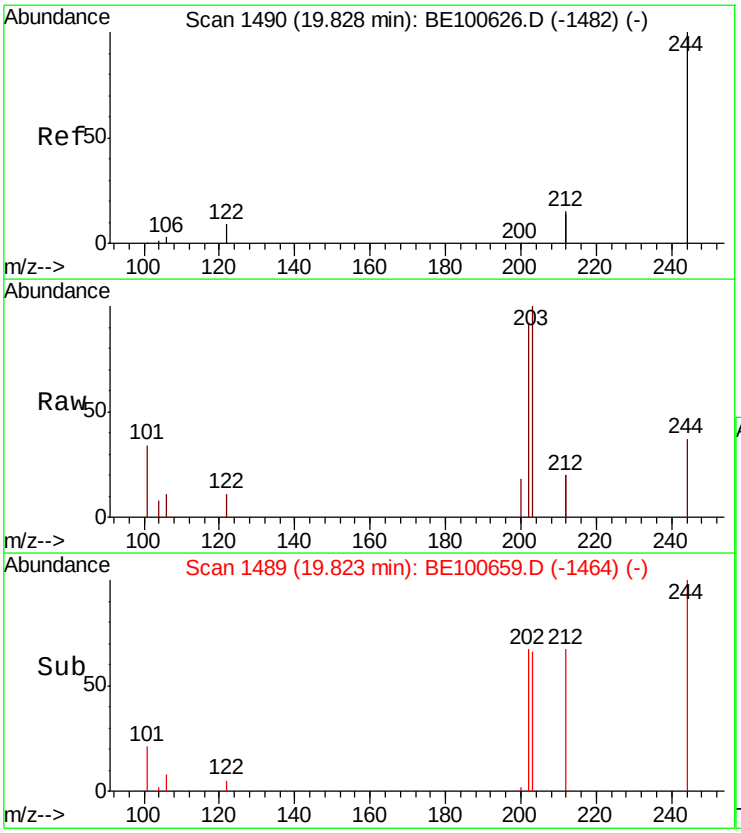
#28
Pyrene
Concen: 5.937 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 674251

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	21.5	13.9	20.9#

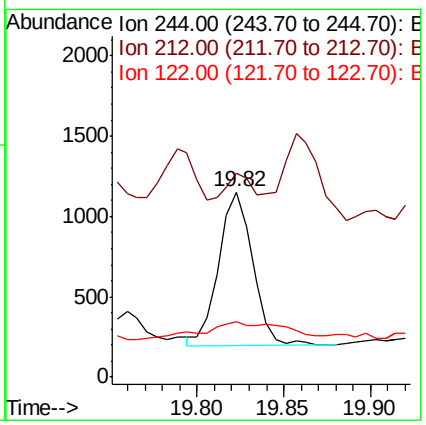


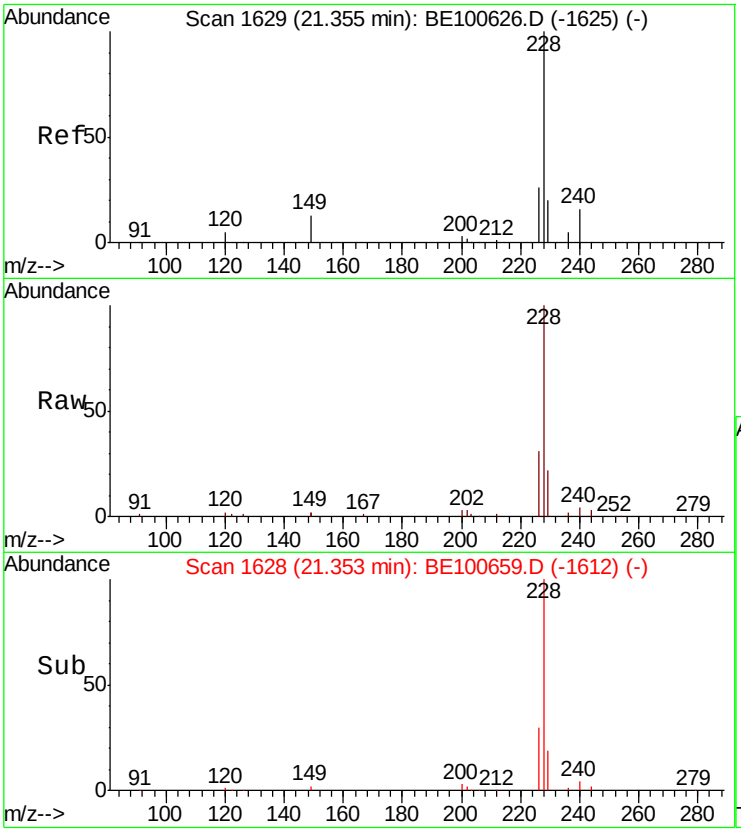


#29
Terphenyl-d14
Concen: 0.015 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:244 Resp: 1326

Ion	Ratio	Lower	Upper
244	100		
212	110.0	23.9	35.9#
122	30.2	7.7	11.5#



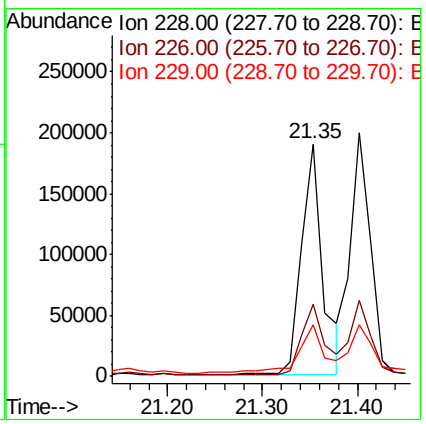


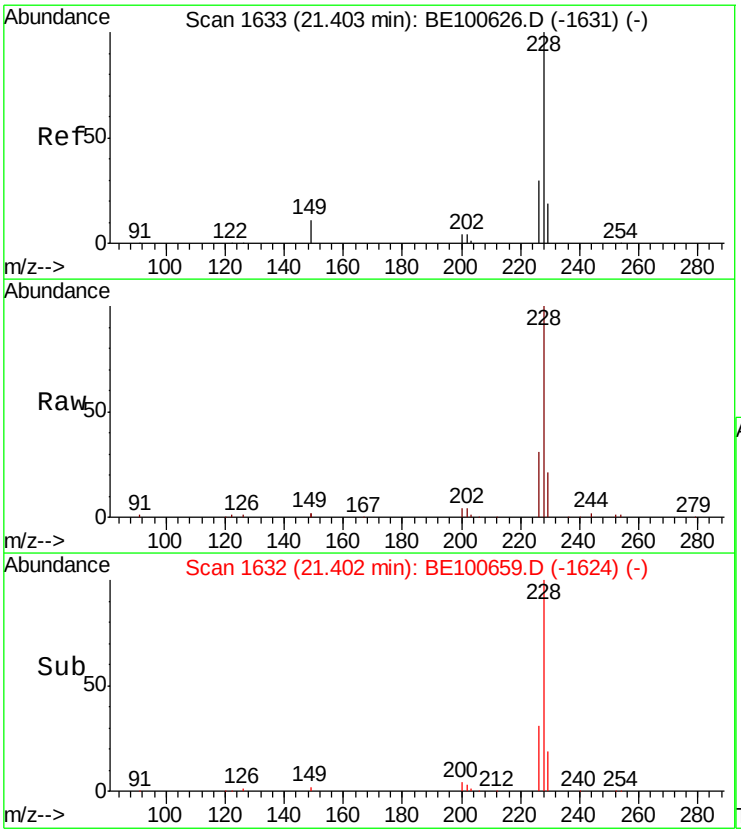
#30
Benzo(a)anthracene
Concen: 2.226 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 295214

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.0	31.6
229	22.4	15.8	23.8

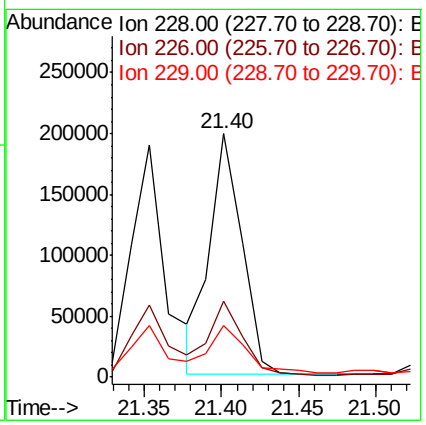


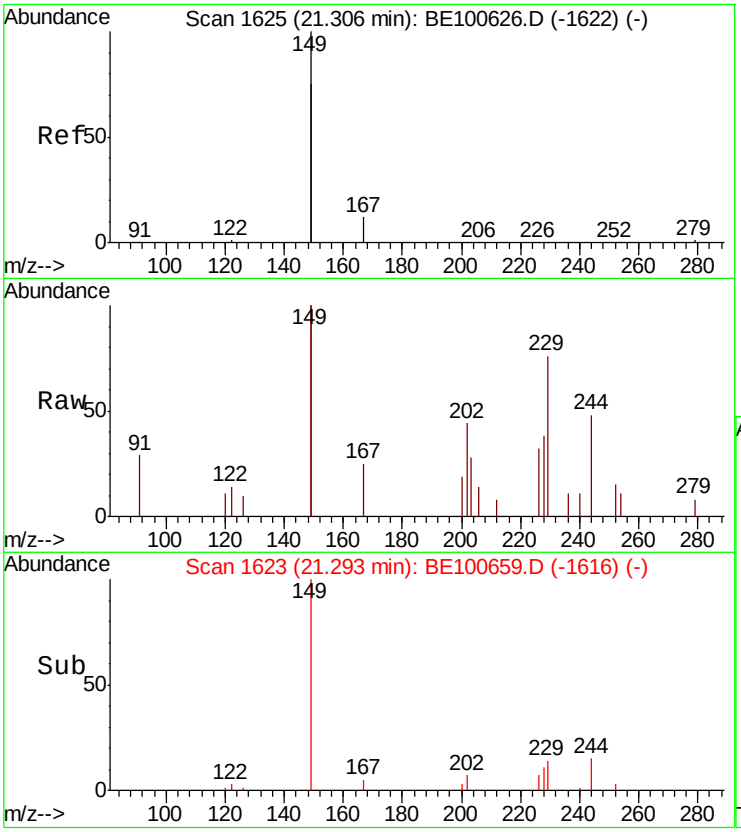


#31
Chrysene
Concen: 2.171 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:228 Resp: 287618

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	21.4	15.6	23.4



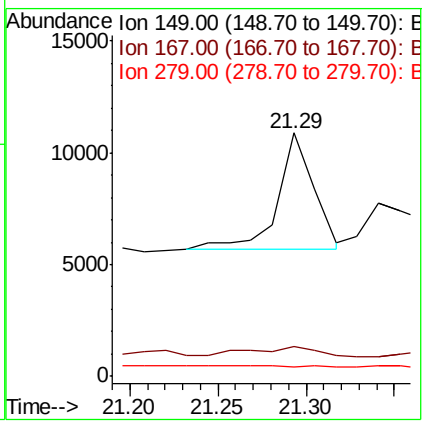


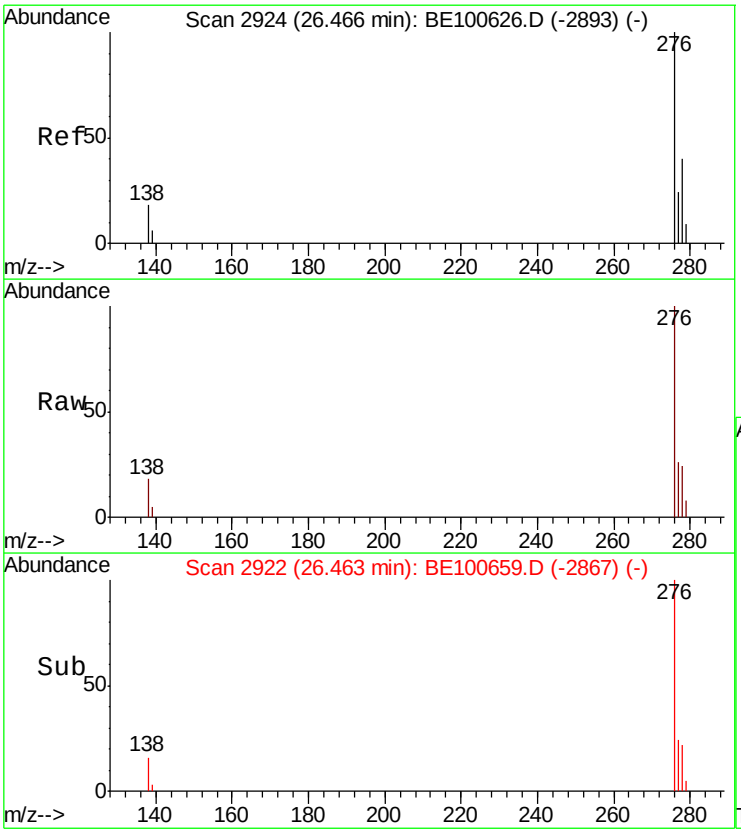
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.027 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 7404

Ion	Ratio	Lower	Upper
149	100		
167	15.7	5.4	8.2#
279	1.0	1.5	2.3#

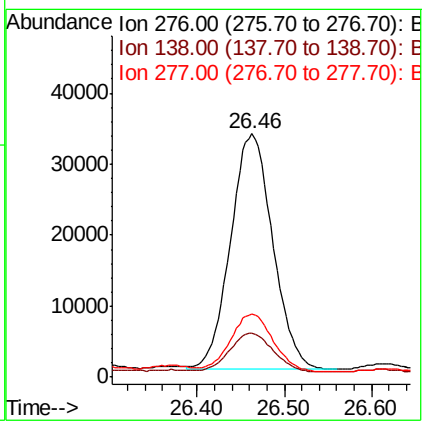


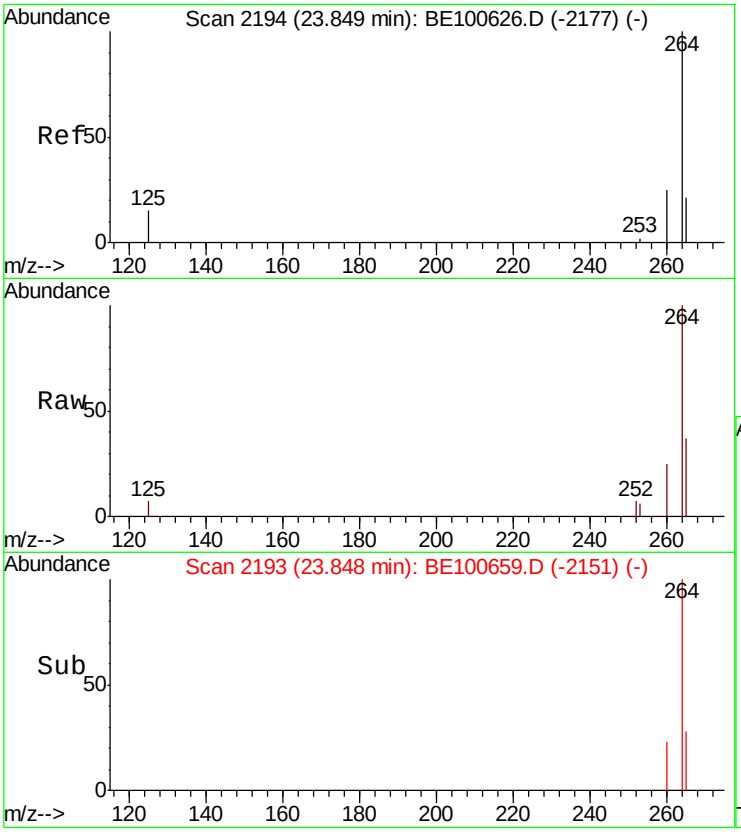


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.683 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:276 Resp: 111219

Ion	Ratio	Lower	Upper
276	100		
138	17.3	16.0	24.0
277	25.5	19.7	29.5



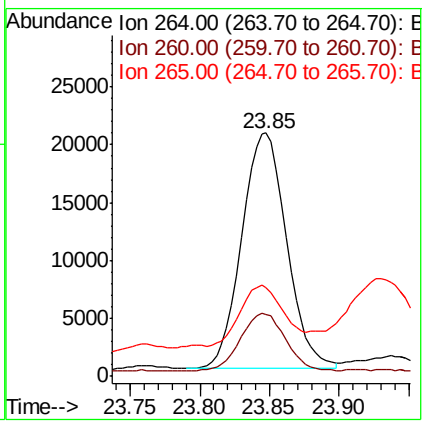


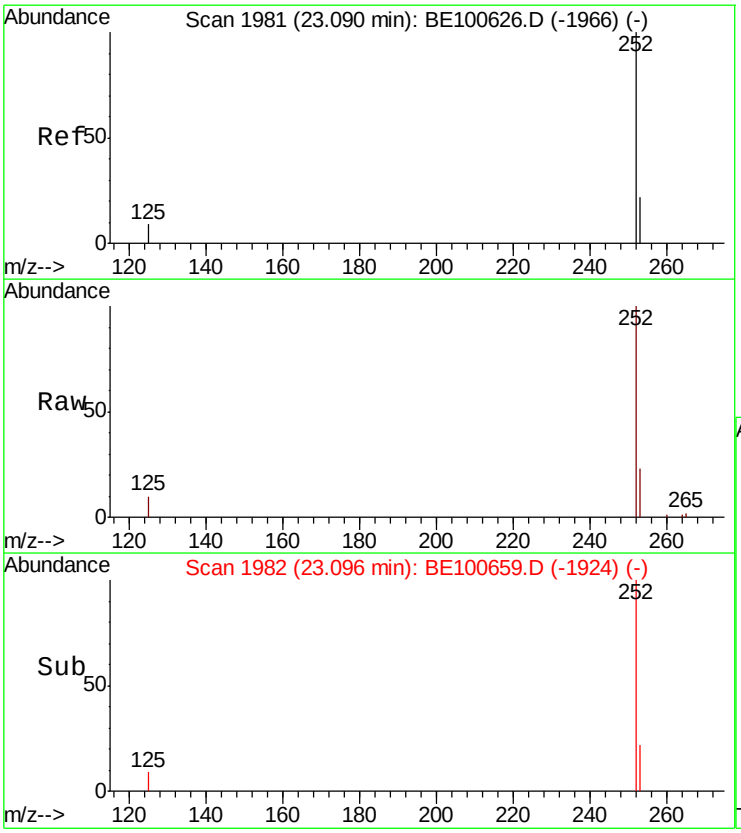
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 45638

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.9	29.9
265	36.7	20.0	30.0#

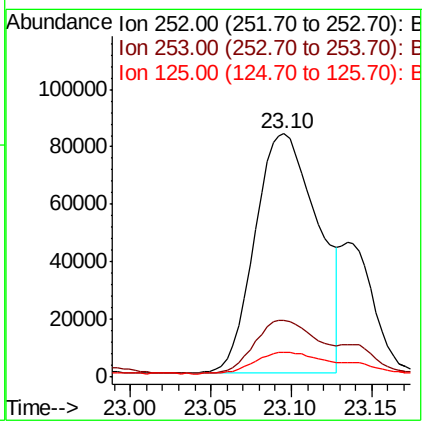


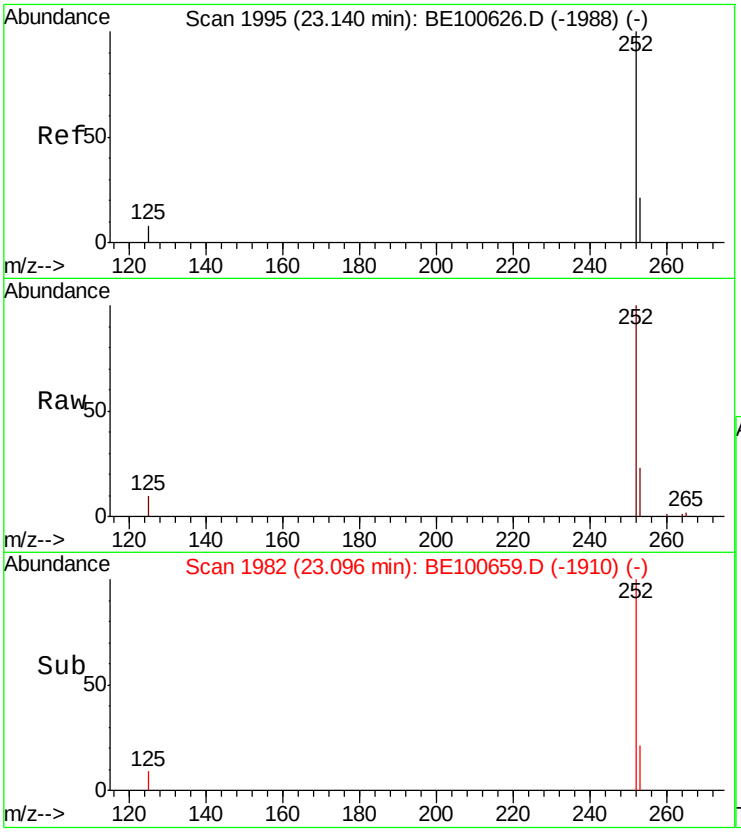


#35
Benzo(b)fluoranthene
Concen: 1.714 ng
RT: 23.10 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:252 Resp: 228109

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	10.1	7.6	11.4



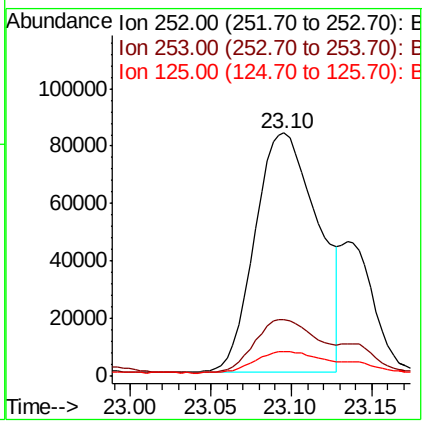


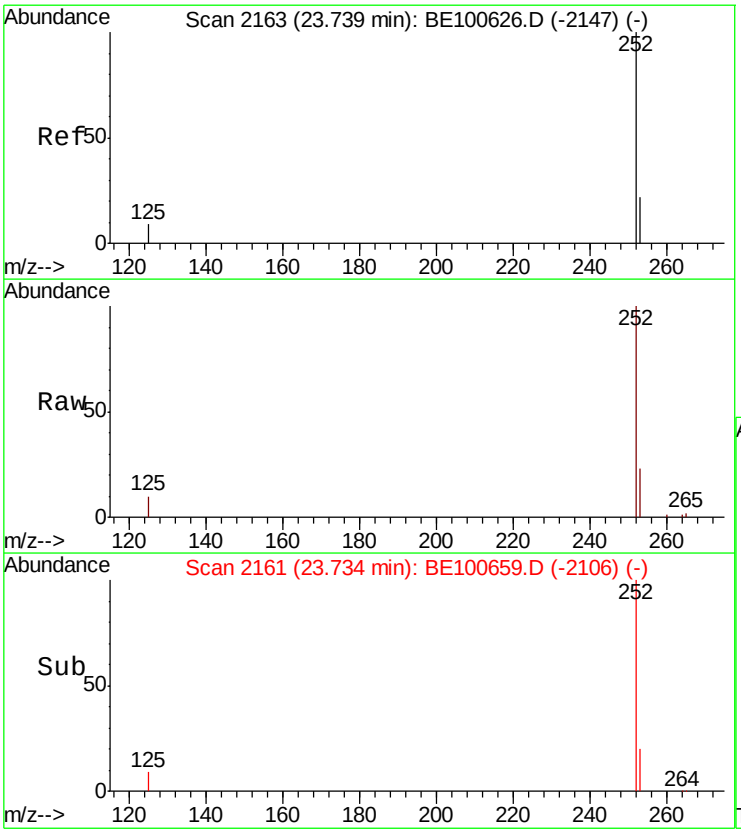
#36
Benzo(k)fluoranthene
Concen: 1.667 ng
RT: 23.10 min Scan# 1982
Delta R.T. -0.04 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 228109

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.1	7.6	11.4

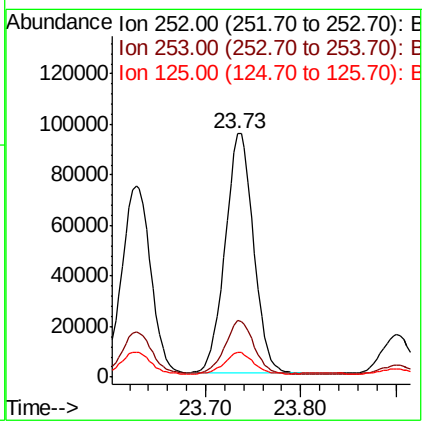


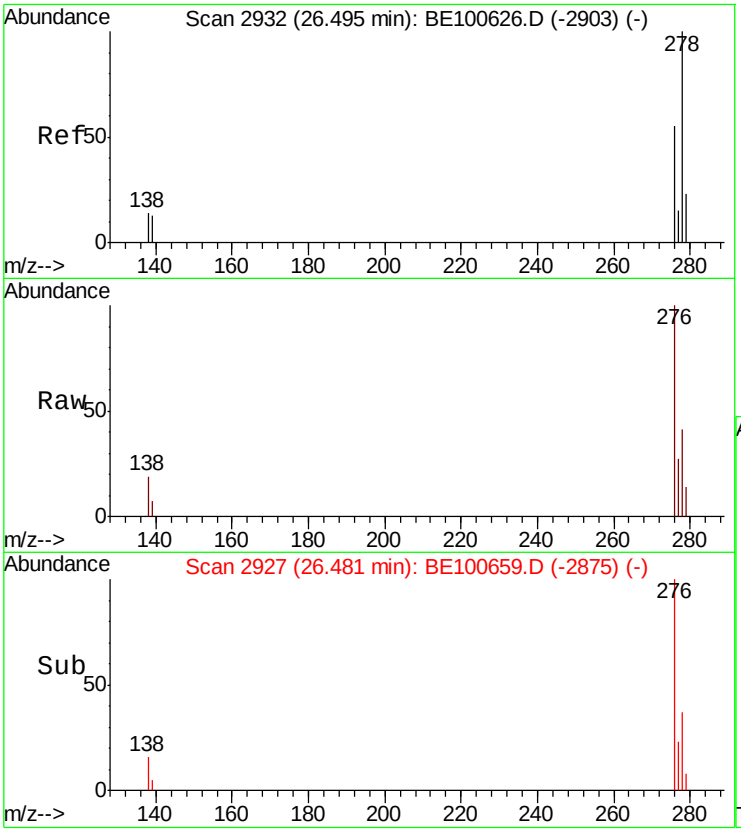


#37
Benzo(a)pyrene
Concen: 1.586 ng
RT: 23.73 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:252 Resp: 196431

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.0	8.1	12.1



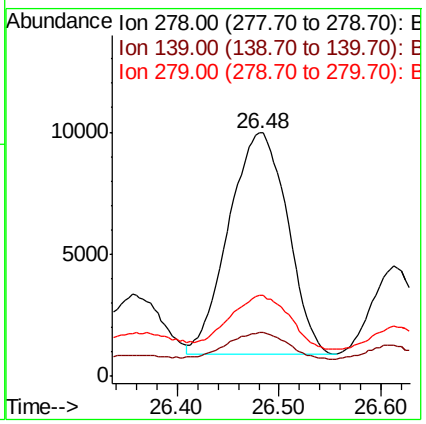


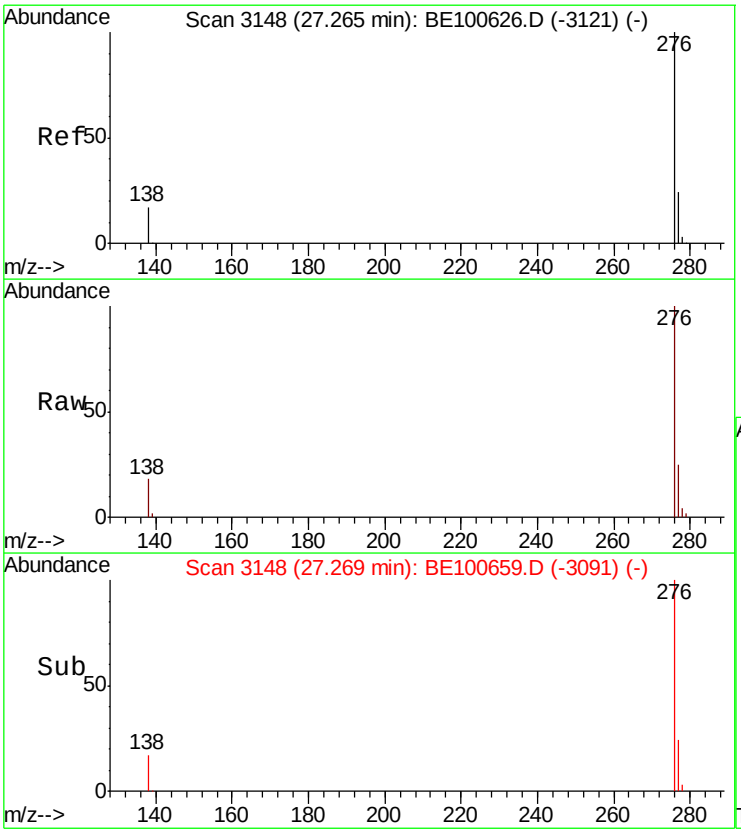
#38
Dibenzo(a,h)anthracene
Concen: 0.283 ng
RT: 26.48 min Scan# 2927
Delta R.T. -0.01 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 36215

Ion	Ratio	Lower	Upper
278	100		
139	18.1	11.2	16.8#
279	33.1	19.0	28.6#





#39
Benzo(g,h,i)perylene
Concen: 1.073 ng
RT: 27.27 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BE100659.D
Acq: 18 Oct 2019 17:28

Tgt Ion:276 Resp: 138150

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.3	28.9
138	18.0	14.5	21.7