Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100677.D
Acq On : 28 Oct 2019 17:14
Operator : JU
Sample : PB124301BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 29 11:52:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3195	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13326	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8373	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	19733	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	26456	0.40	ng	0.00
34) Perylene-d12	23.82	264	31410	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	3930	0.40	ng	0.00
5) Phenol-d6	7.01	99	5433	0.39	ng	0.00
8) Nitrobenzene-d5	8.99	82	4328	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9201	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	990	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	13020	0.43	ng	0.00
25) Fluoranthene-d10	19.22	212	114636	0.45	ng	0.00
29) Terphenyl-d14	19.82	244	25721	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	2568	0.450	ng	95
3) n-Nitrosodimethylamine	3.69	42	2235	0.371	ng	90
6) bis(2-Chloroethyl)ether	7.28	93	5030	0.440	ng	100
9) Naphthalene	10.68	128	62501	0.446	ng	100
10) Hexachlorobutadiene	10.98	225	2724	0.447	ng	98
12) 2-Methylnaphthalene	12.29	142	10415	0.436	ng	99
16) Acenaphthylene	14.20	152	15074	0.418	ng	100
17) Acenaphthene	14.53	154	10246	0.440	ng	100
18) Fluorene	15.50	166	13632	0.441	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	4469	0.445	ng	95
21) Hexachlorobenzene	16.50	284	4374	0.457	ng	99
22) Pentachlorophenol	16.85	266	1250	0.406	ng	97
23) Phenanthrene	17.23	178	24302	0.448	ng	100
24) Anthracene	17.32	178	21222	0.421	ng	99
26) Fluoranthene	19.25	202	32339	0.457	ng	99
28) Pyrene	19.60	202	33464	0.453	ng	100
30) Benzo(a)anthracene	21.34	228	37973	0.440	ng	98
31) Chrysene	21.39	228	39373	0.457	ng	98
32) Bis(2-ethylhexyl)phthalate	21.28	149	67780	0.375	ng	100
33) Indeno(1,2,3-cd)pyrene	26.43	276	44592	0.421	ng	99
35) Benzo(b)fluoranthene	23.07	252	38682	0.422	ng	99
36) Benzo(k)fluoranthene	23.12	252	41215	0.438	ng	100
37) Benzo(a)pyrene	23.71	252	35893	0.421	ng	99
38) Dibenzo(a,h)anthracene	26.45	278	37408	0.425	ng	99
39) Benzo(g,h,i)perylene	27.22	276	38236	0.431	ng	99

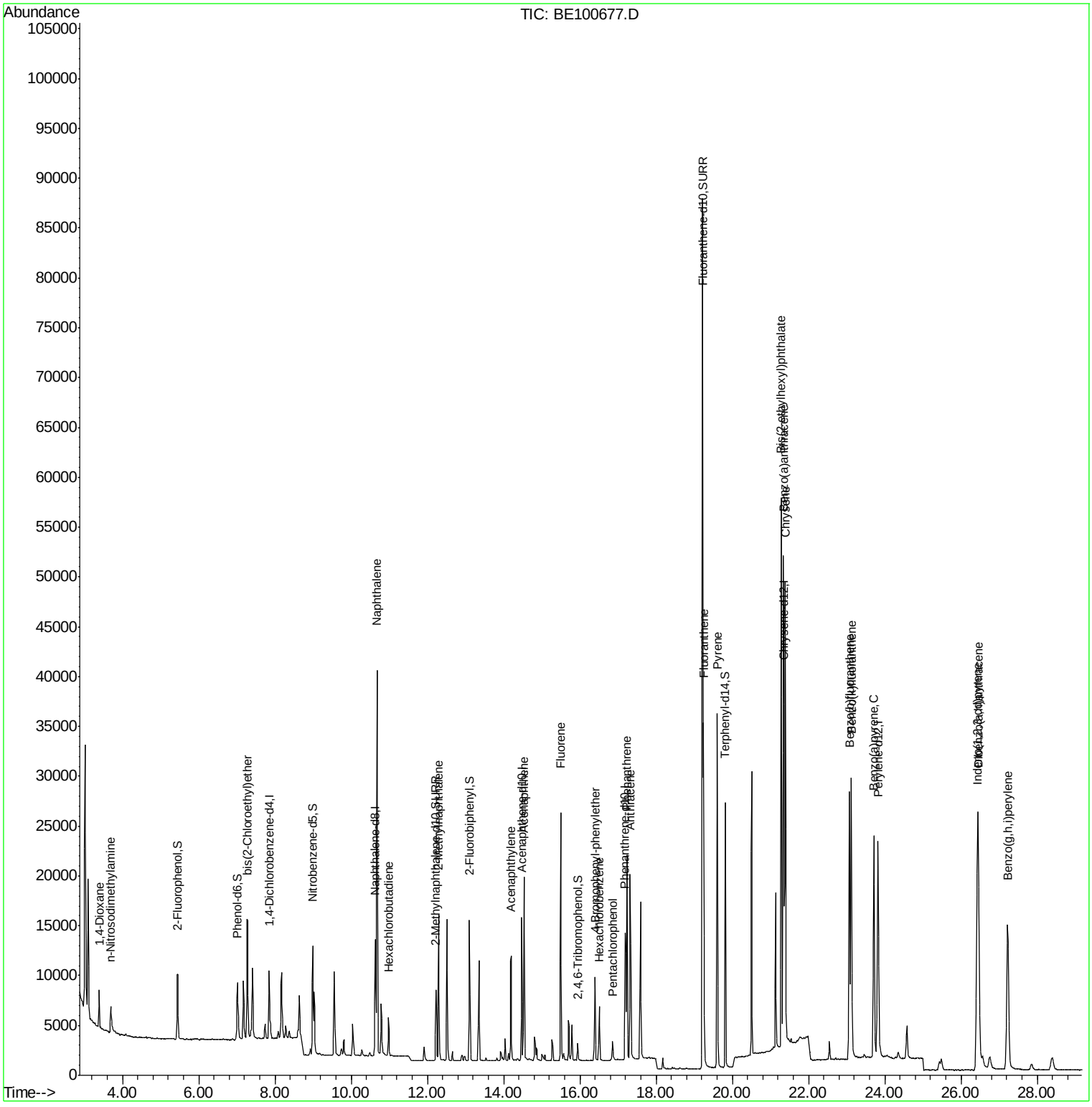
(#) = qualifier out of range (m) = manual integration (+) = signals summed

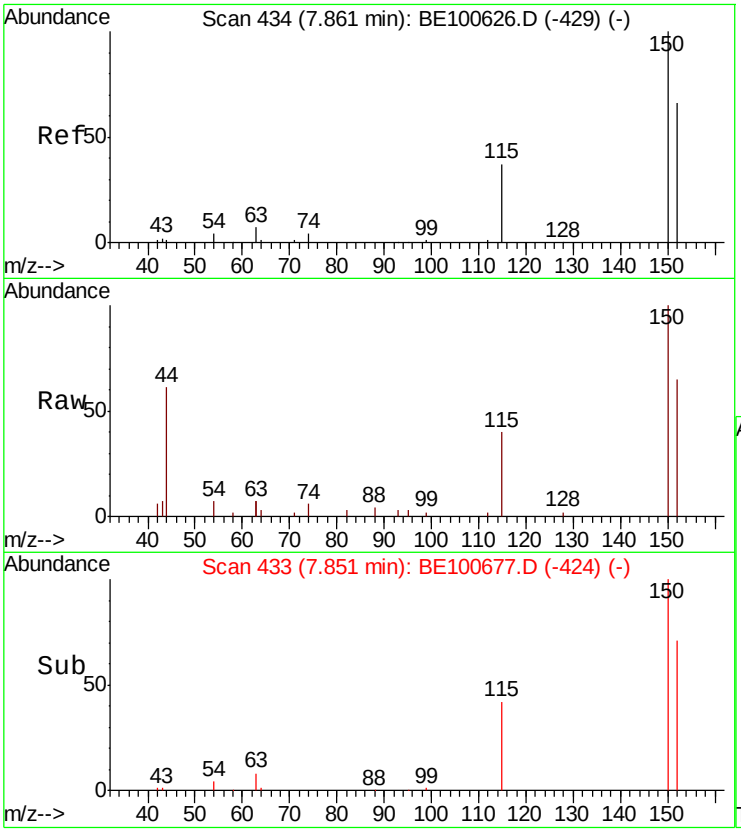
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100677.D
Acq On : 28 Oct 2019 17:14
Operator : JU
Sample : PB124301BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 29 11:52:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



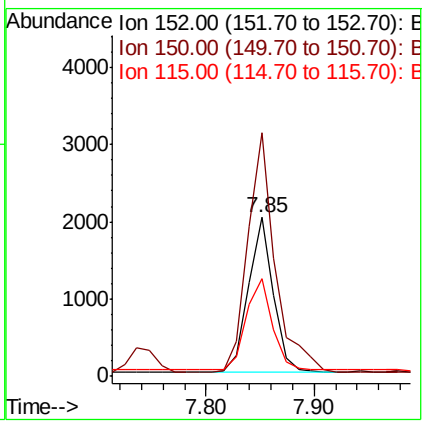


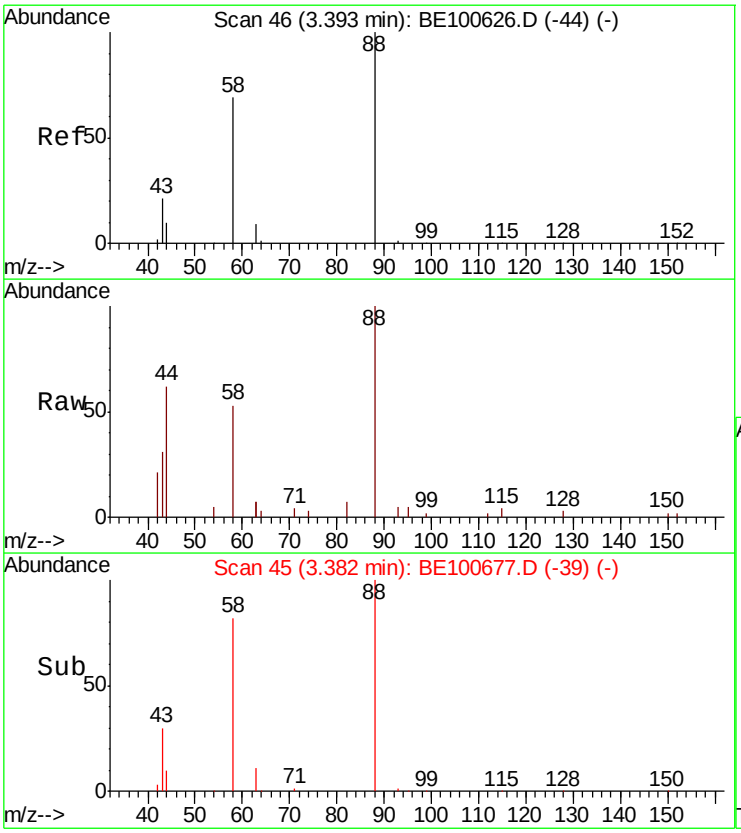
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3195

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.3	184.9
115	61.6	51.9	77.9

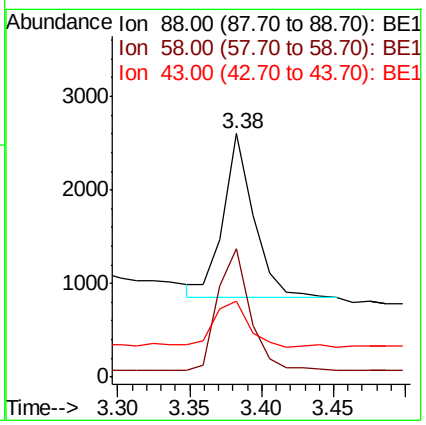


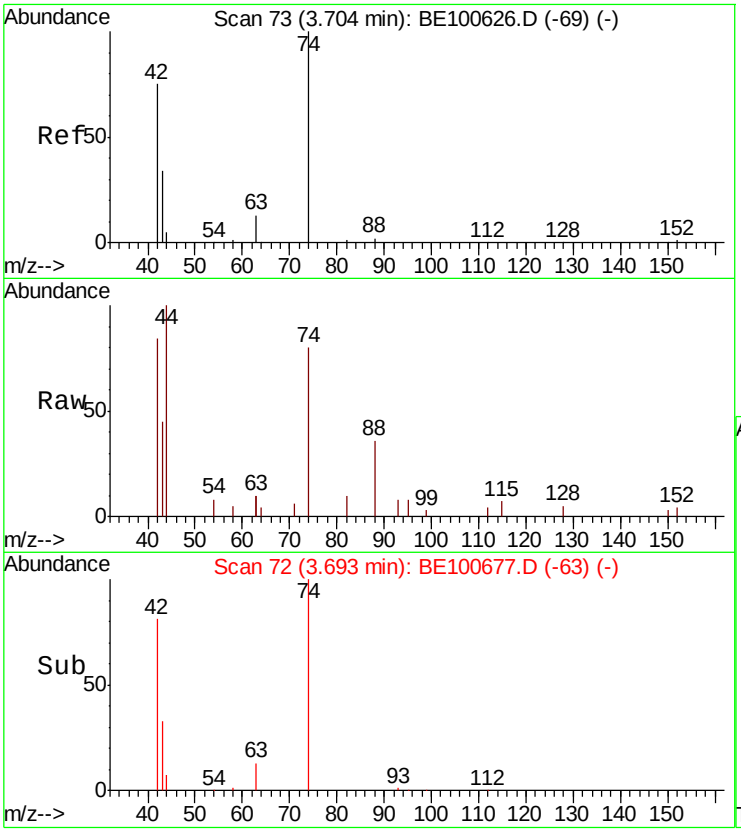


#2
1,4-Dioxane
Concen: 0.450 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion: 88 Resp: 2568

Ion	Ratio	Lower	Upper
88	100		
58	80.4	59.8	89.6
43	29.9	24.6	36.8

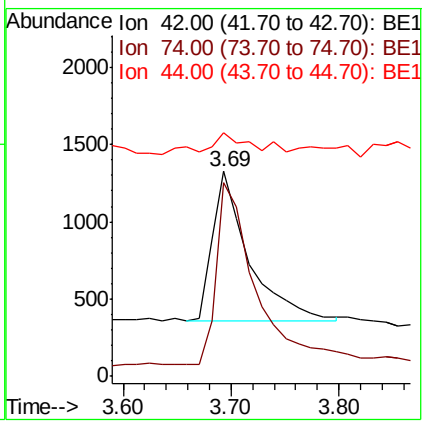




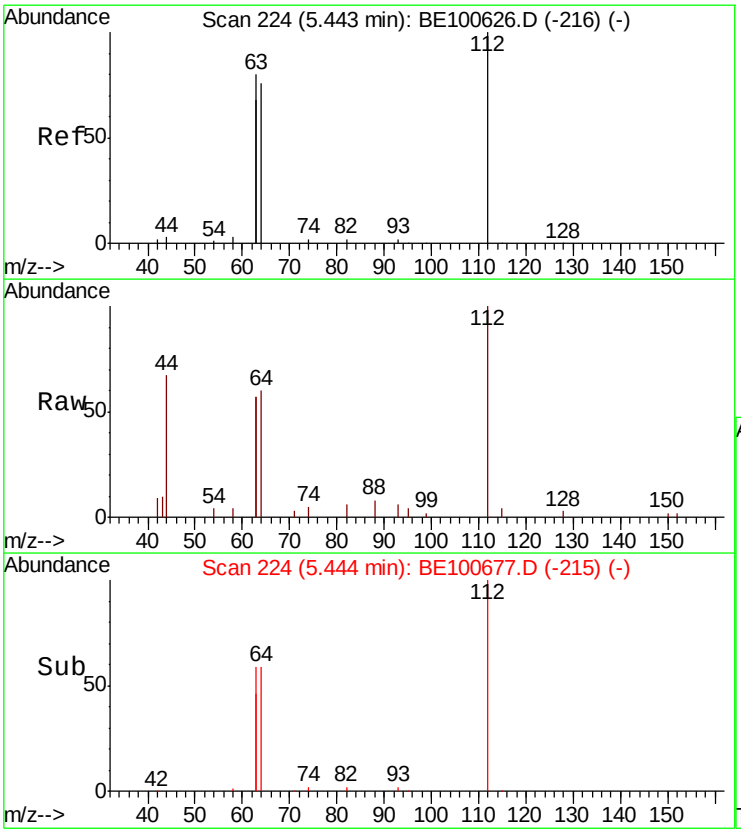
#3
n-Nitrosodimethylamine
Concen: 0.371 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion: 42 Resp: 2235

Ion	Ratio	Lower	Upper
42	100		
74	134.1	97.2	145.8
44	19.7	16.6	24.8



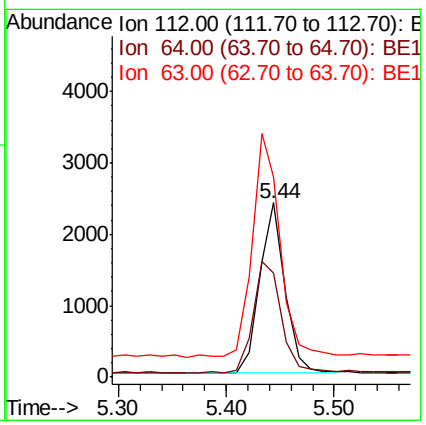
Instrument :
BNA_E
ClientSampleId :

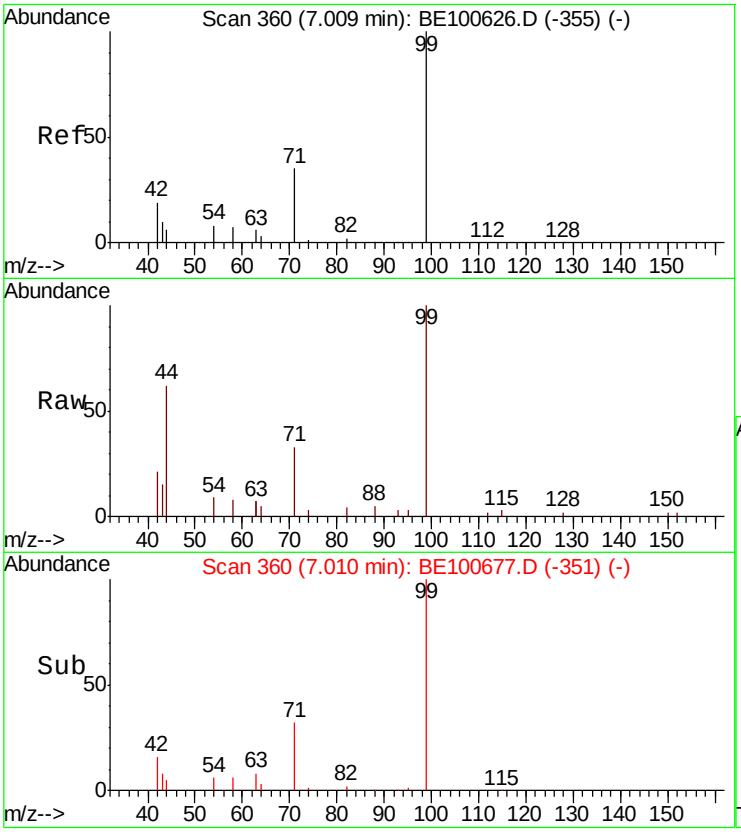


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:112 Resp: 3930

Ion	Ratio	Lower	Upper
112	100		
64	72.0	55.4	83.2
63	141.1	114.2	171.4



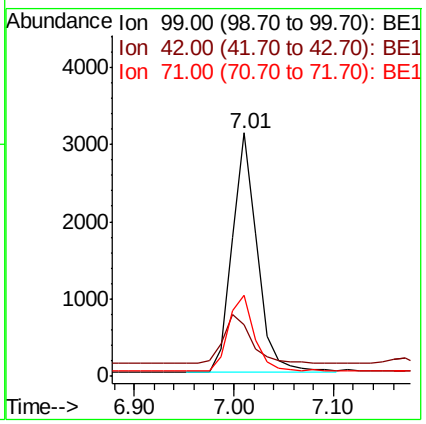


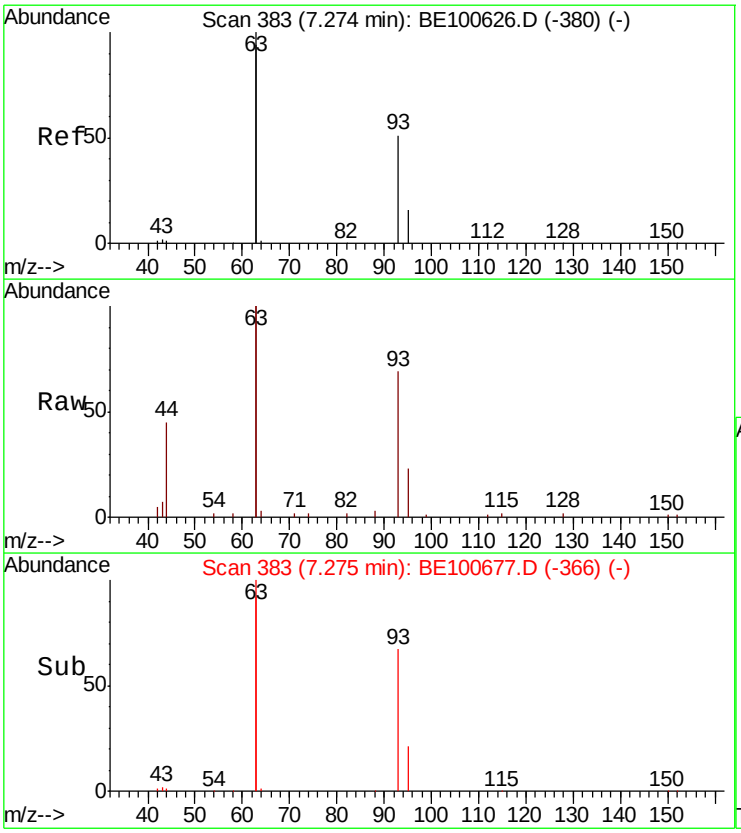
#5
Phenol-d6
Concen: 0.390 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5433

Ion	Ratio	Lower	Upper
99	100		
42	23.7	17.7	26.5
71	33.4	27.4	41.0

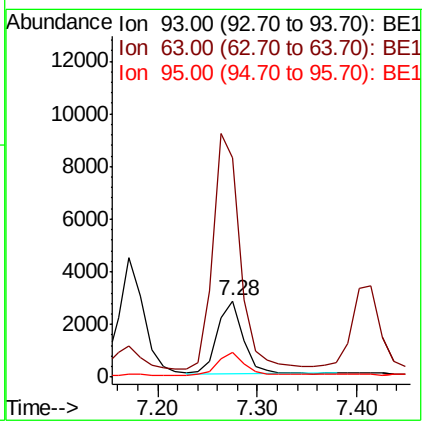


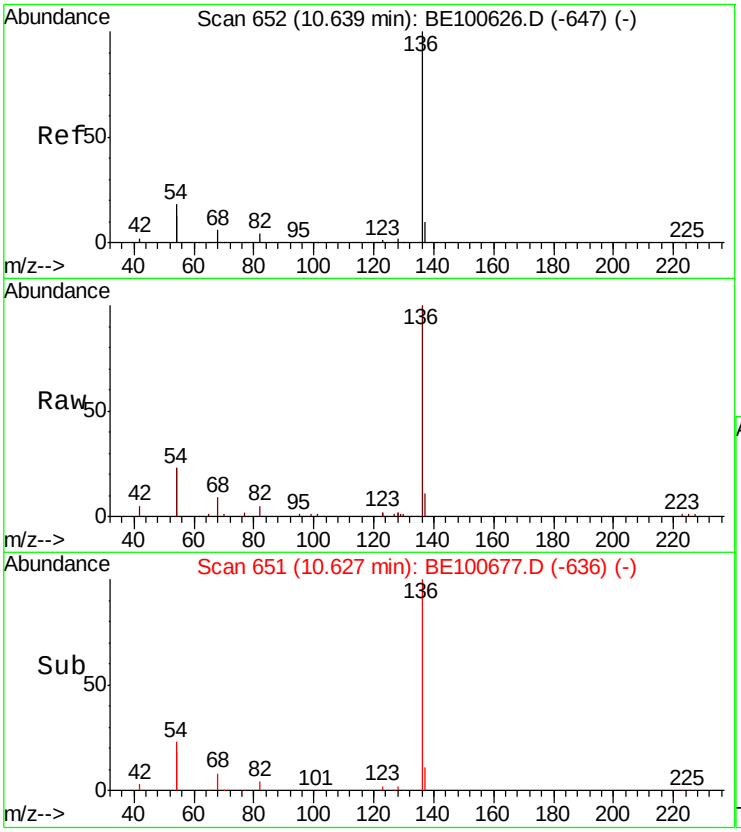


#6
bis(2-Chloroethyl)ether
Concen: 0.440 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion: 93 Resp: 5030

Ion	Ratio	Lower	Upper
93	100		
63	336.2	268.8	403.2
95	31.2	25.6	38.4



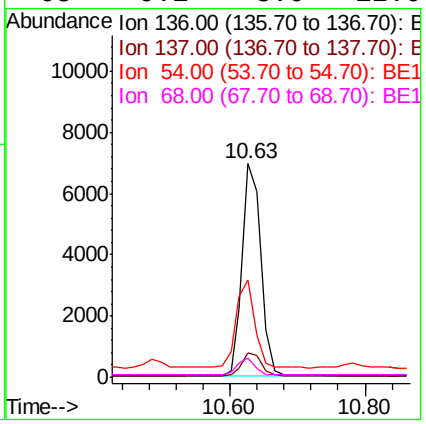


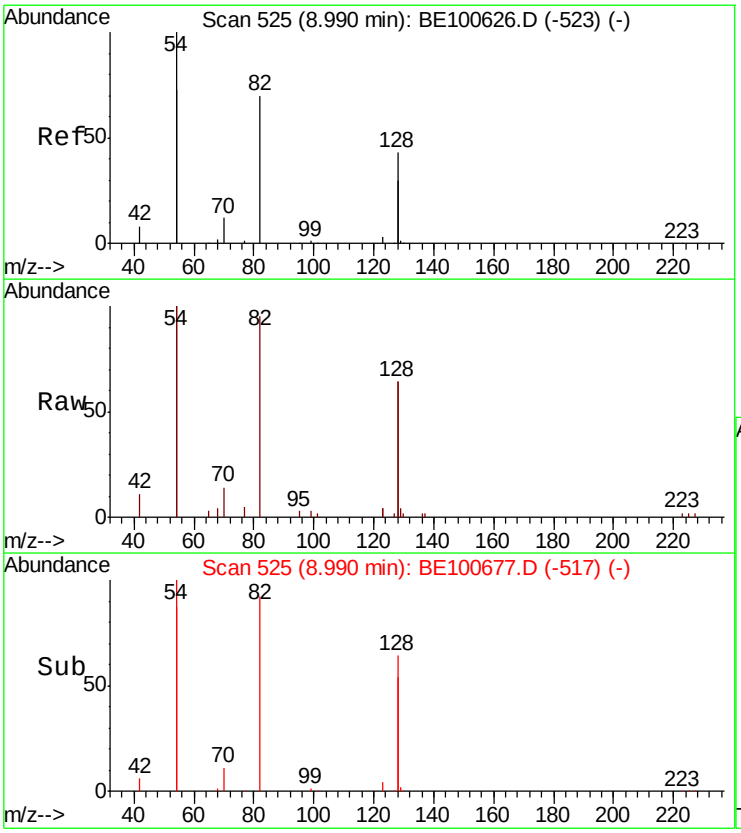
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13326

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	45.5	39.4	59.2
68	9.1	8.0	12.0

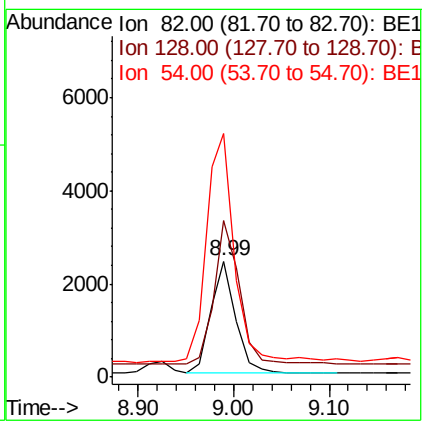


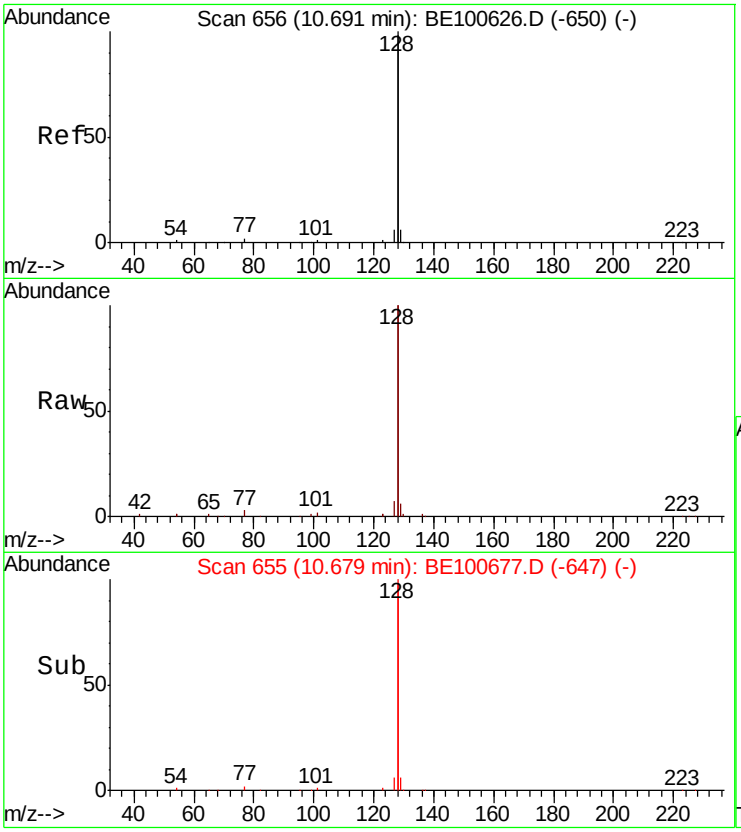


#8
Nitrobenzene-d5
Concen: 0.524 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion: 82 Resp: 4328

Ion	Ratio	Lower	Upper
82	100		
128	135.5	107.8	161.8
54	210.2	166.1	249.1



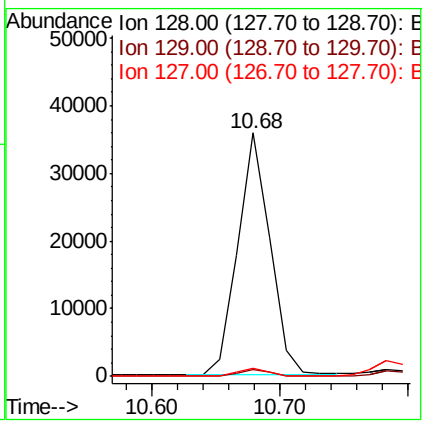


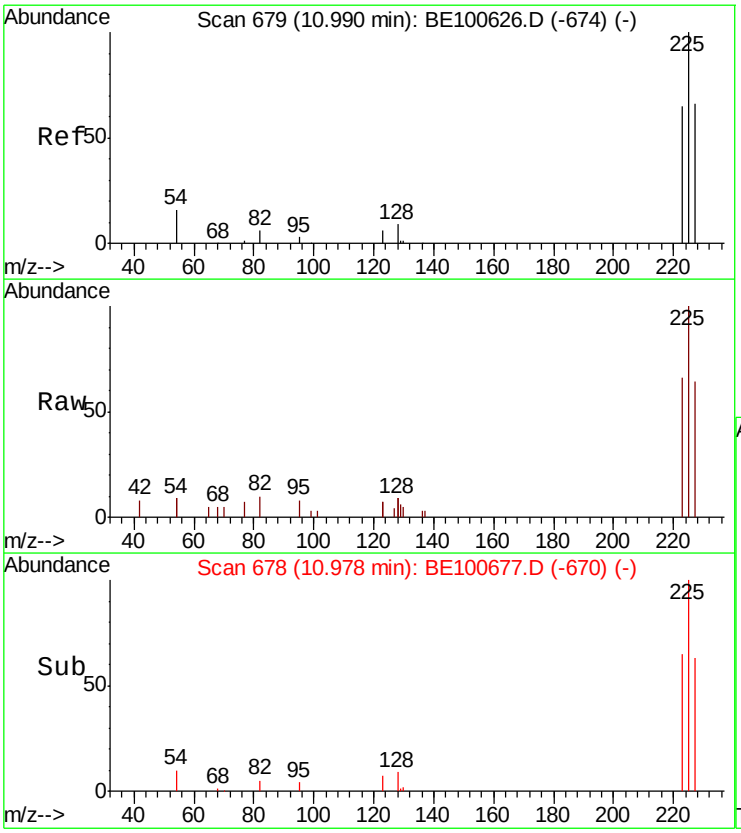
#9
Naphthalene
Concen: 0.446 ng
RT: 10.68 min Scan# 655
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 62501

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.3	2.7	4.1

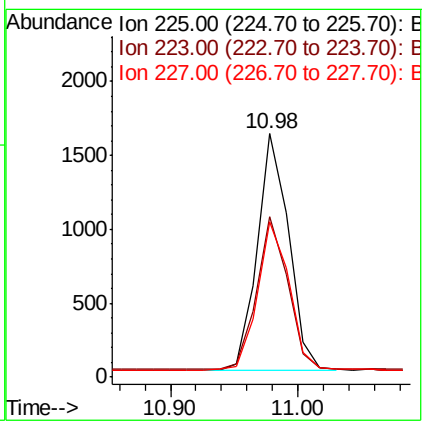


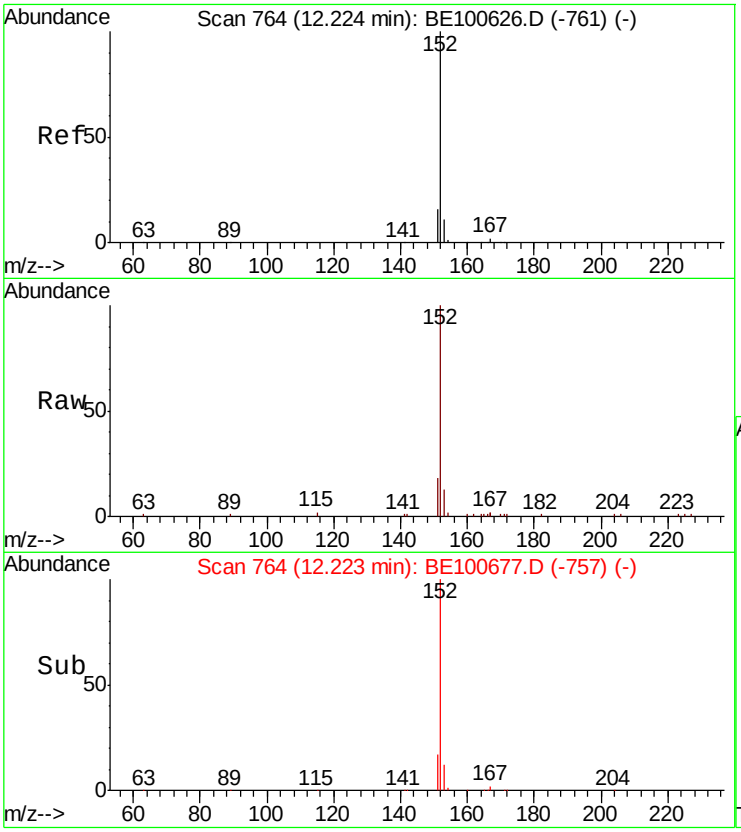


#10
Hexachlorobutadiene
Concen: 0.447 ng
RT: 10.98 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:225 Resp: 2724

Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.6	72.8
227	63.7	51.6	77.4



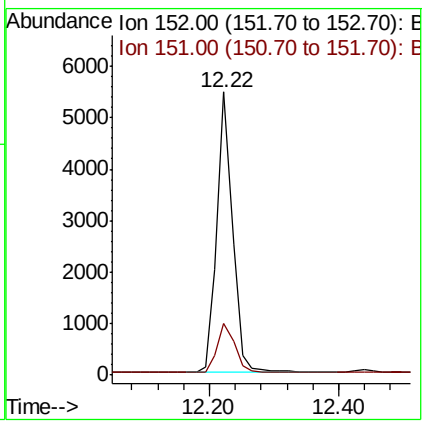


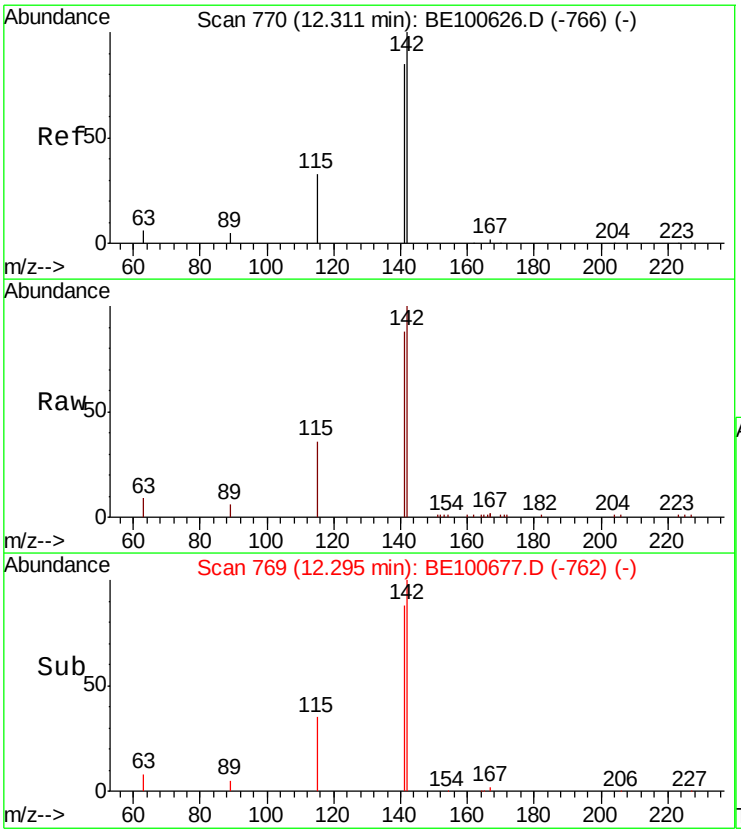
#11
2-Methylnaphthalene-d10
Concen: 0.438 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 9201

Ion	Ratio	Lower	Upper
152	100		
151	19.5	14.7	22.1

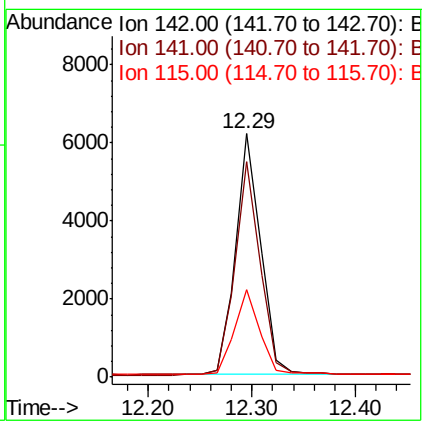


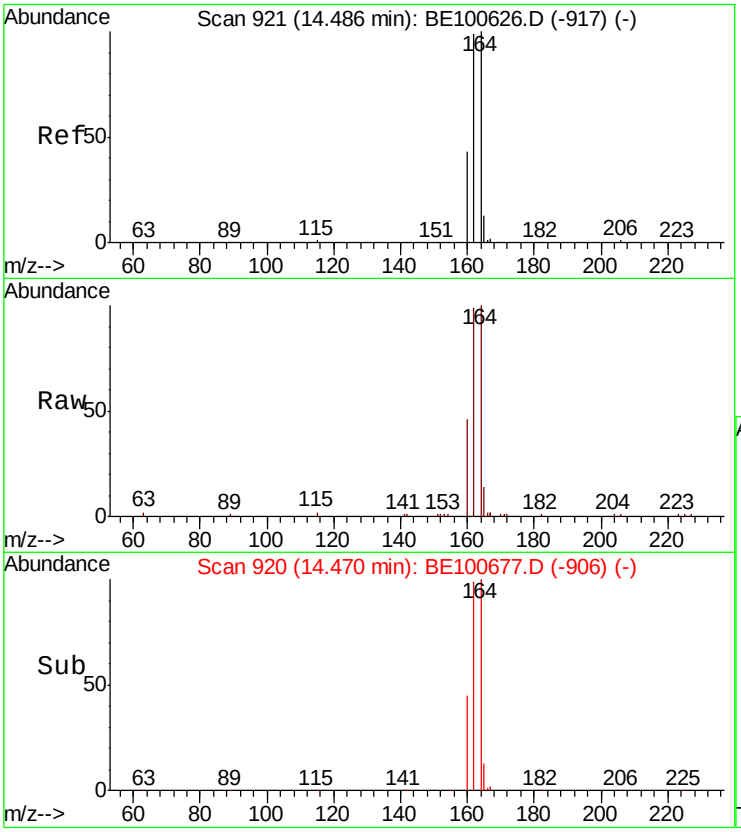


#12
2-Methylnaphthalene
Concen: 0.436 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:142 Resp: 10415

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.1	105.1
115	36.1	28.3	42.5



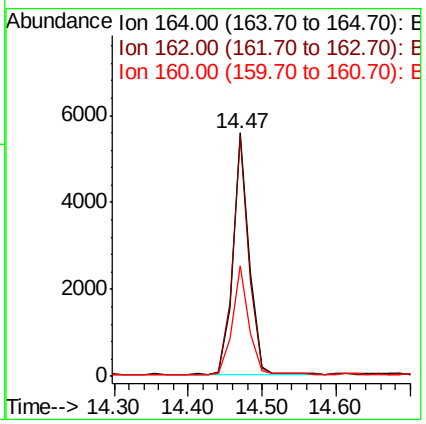


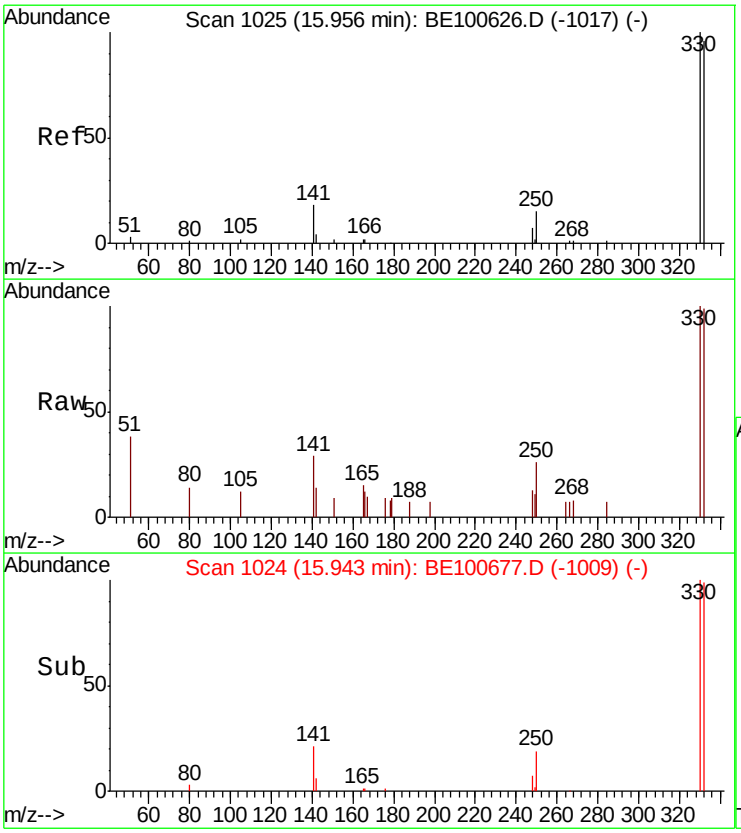
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8373

Ion	Ratio	Lower	Upper
164	100		
162	98.6	82.0	123.0
160	45.5	37.5	56.3

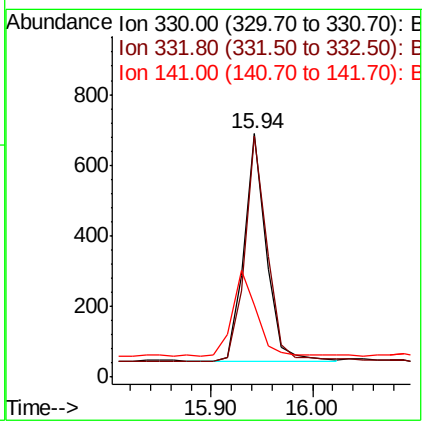


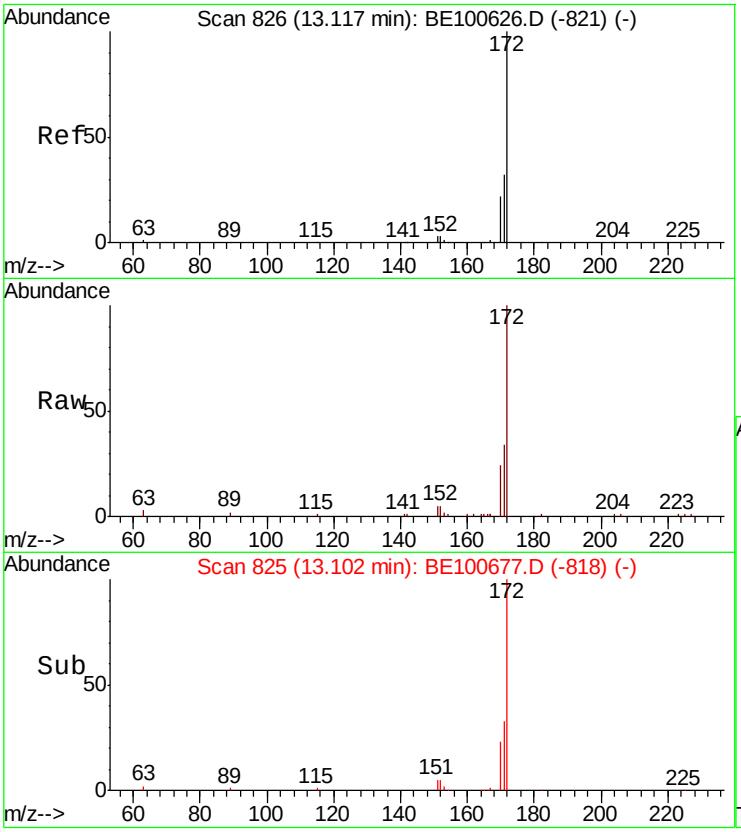


#14
2,4,6-Tribromophenol
Concen: 0.447 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:330 Resp: 990

Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.9	116.9
141	41.5	33.0	49.6



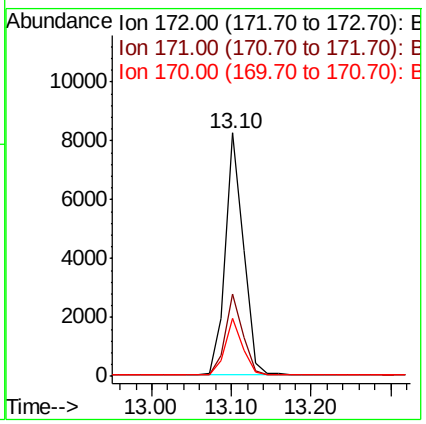


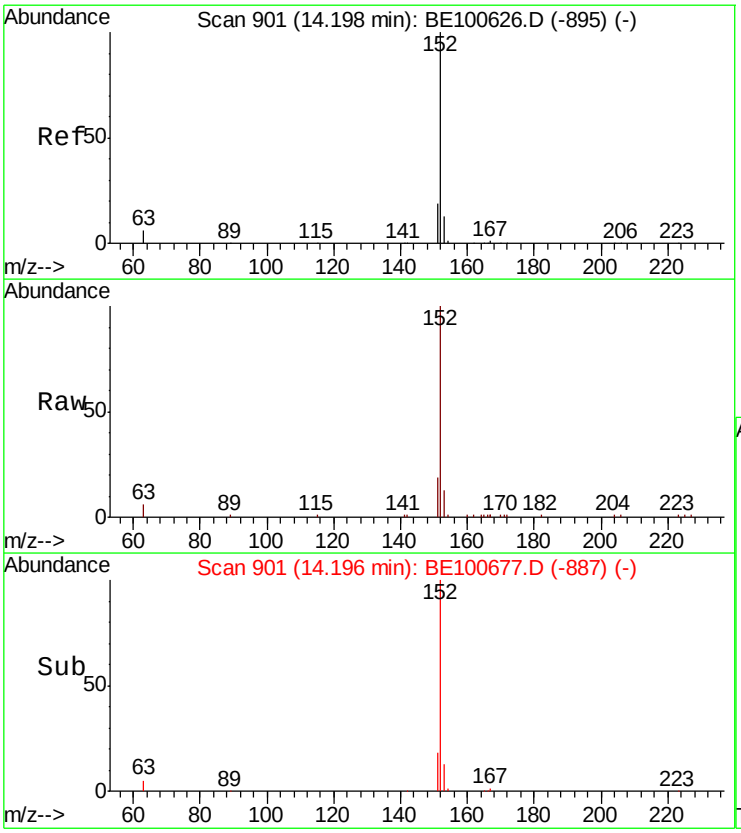
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 13020

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.5	39.7
170	23.8	19.0	28.4

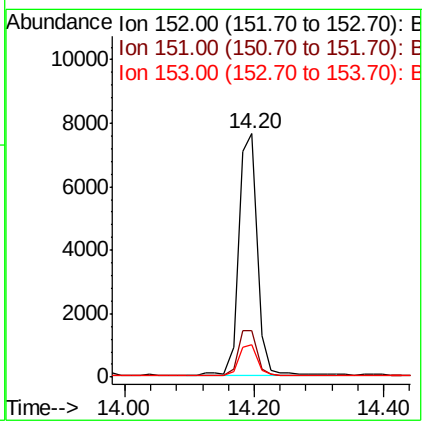


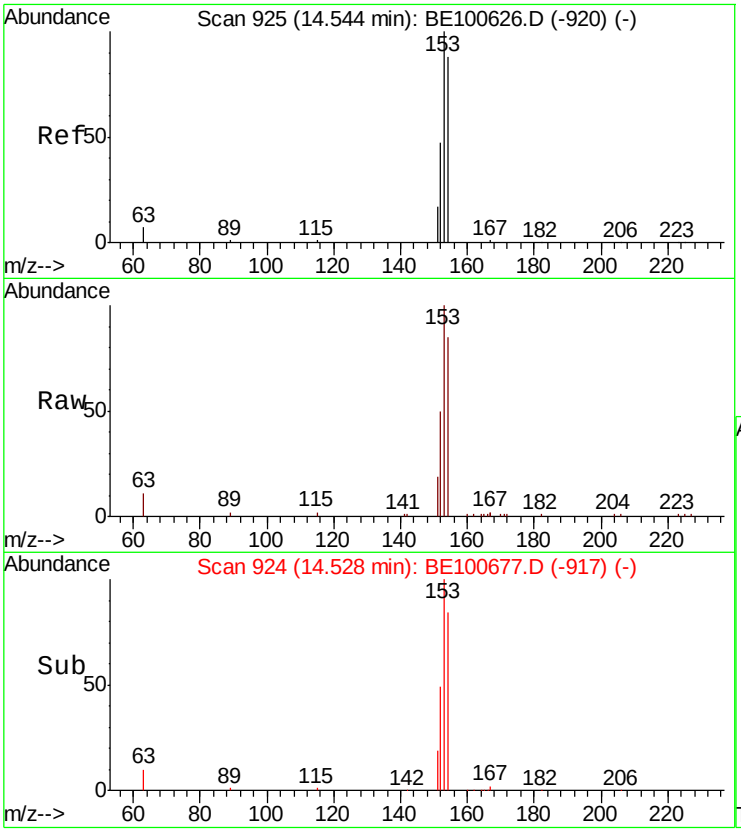


#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:152 Resp: 15074

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	13.0	10.3	15.5



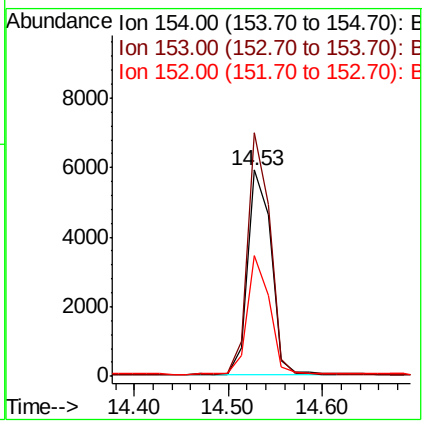


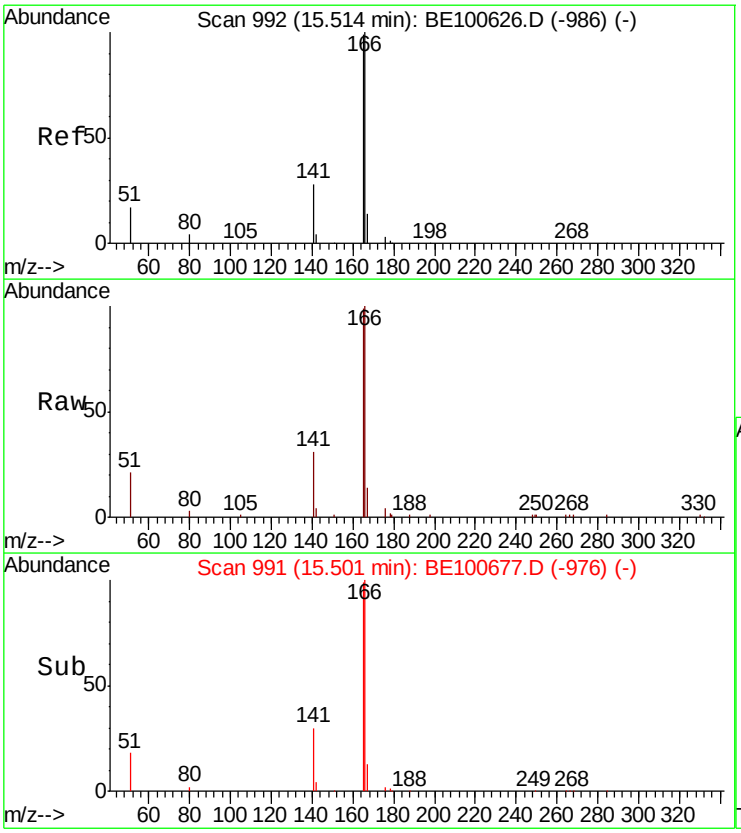
#17
Acenaphthene
Concen: 0.440 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 10246

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.4	134.2
152	55.0	44.1	66.1

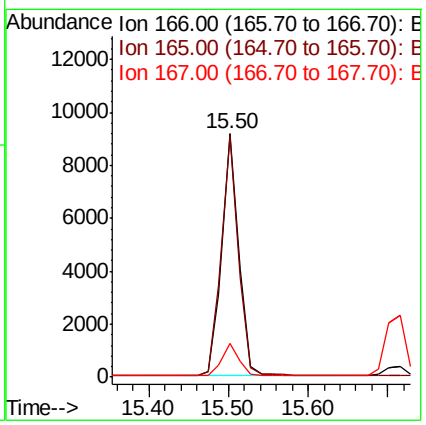


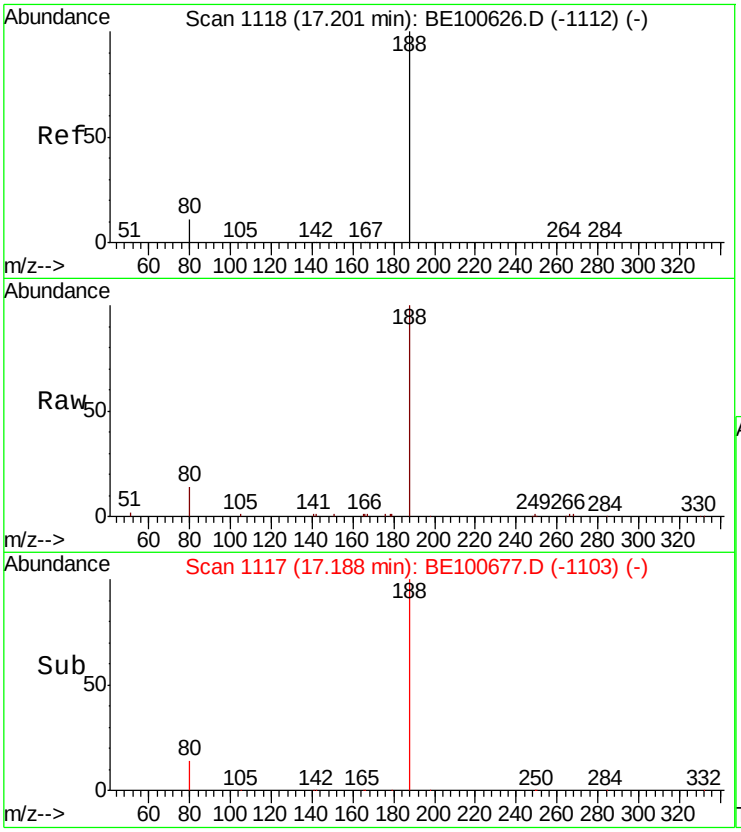


#18
Fluorene
Concen: 0.441 ng
RT: 15.50 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:166 Resp: 13632

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	13.4	10.9	16.3



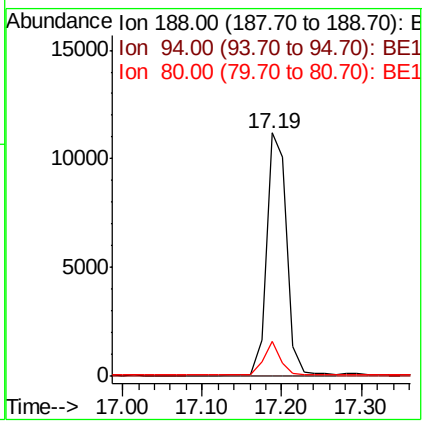


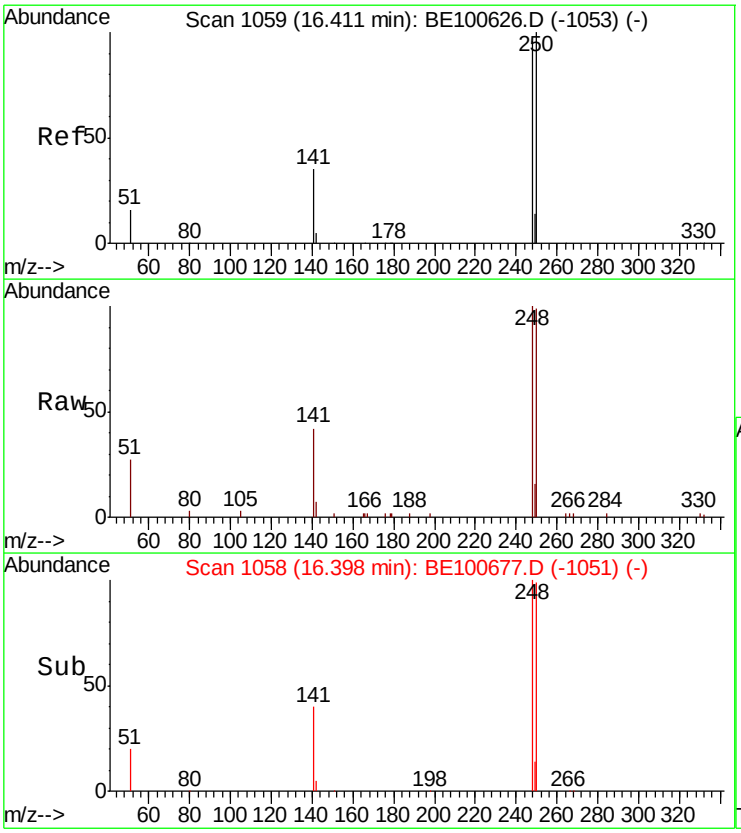
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19733

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	5.4	8.0#

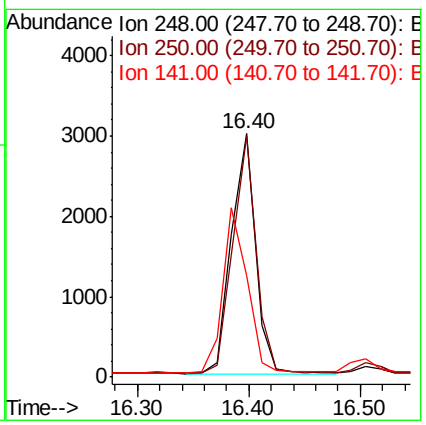


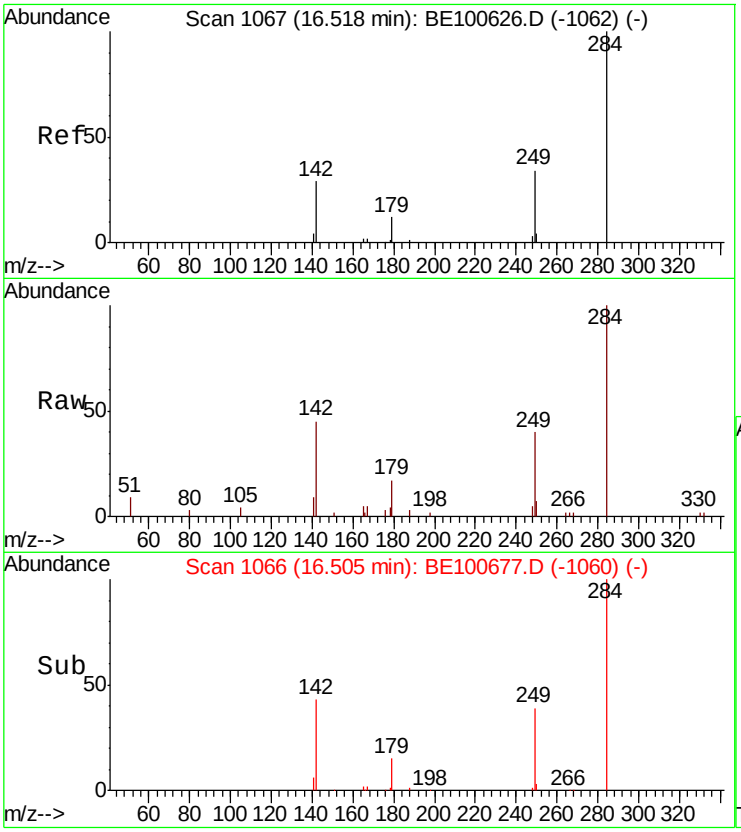


#20
4-Bromophenyl-phenylether
Concen: 0.445 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:248 Resp: 4469

Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.3	114.5
141	41.8	37.3	55.9



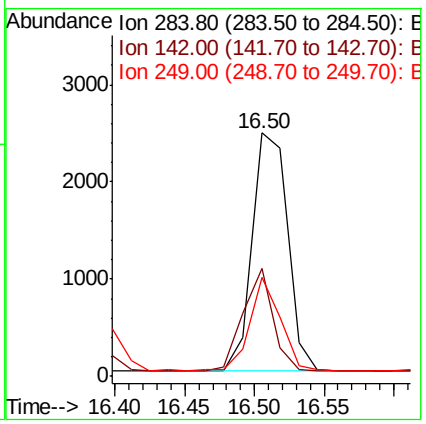


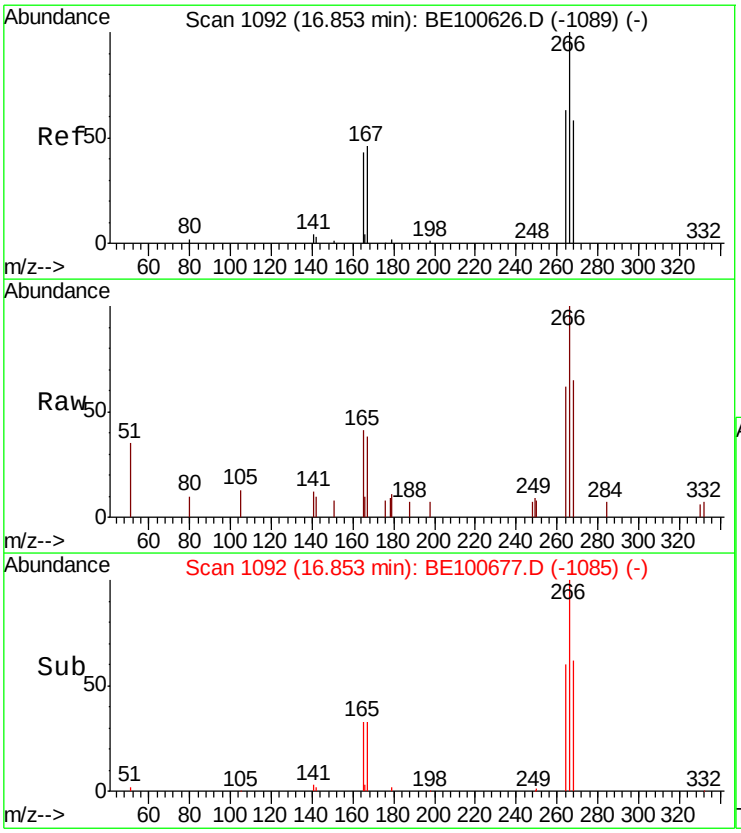
#21
Hexachlorobenzene
Concen: 0.457 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 4374

Ion	Ratio	Lower	Upper
284	100		
142	36.2	28.6	42.8
249	32.6	26.3	39.5

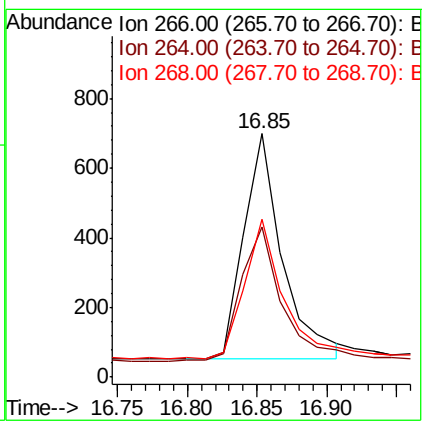


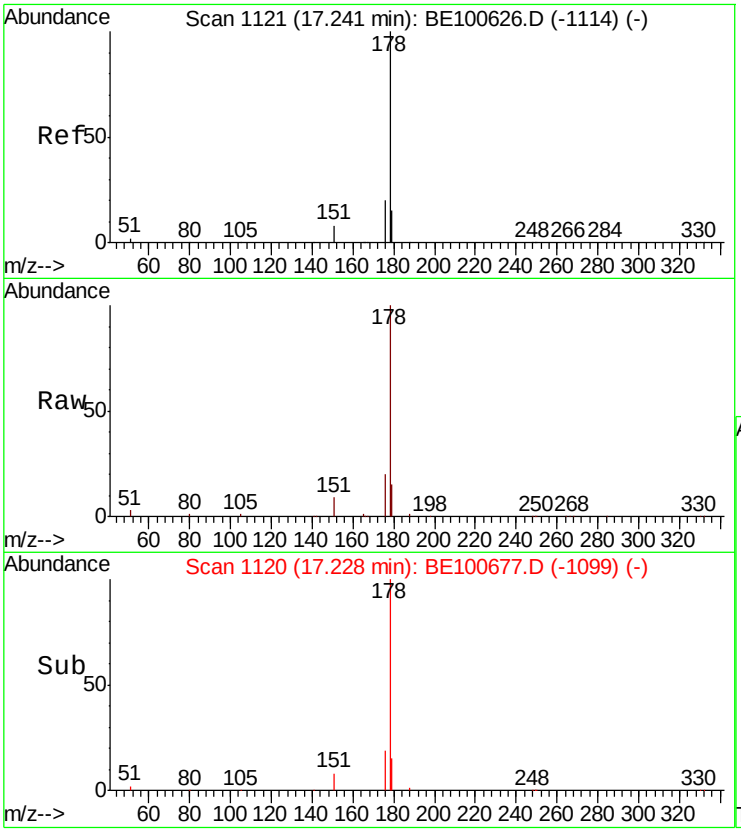


#22
Pentachlorophenol
Concen: 0.406 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:266 Resp: 1250

Ion	Ratio	Lower	Upper
266	100		
264	61.9	52.2	78.4
268	64.8	53.1	79.7



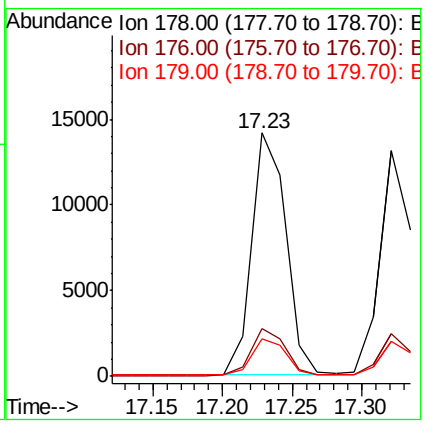


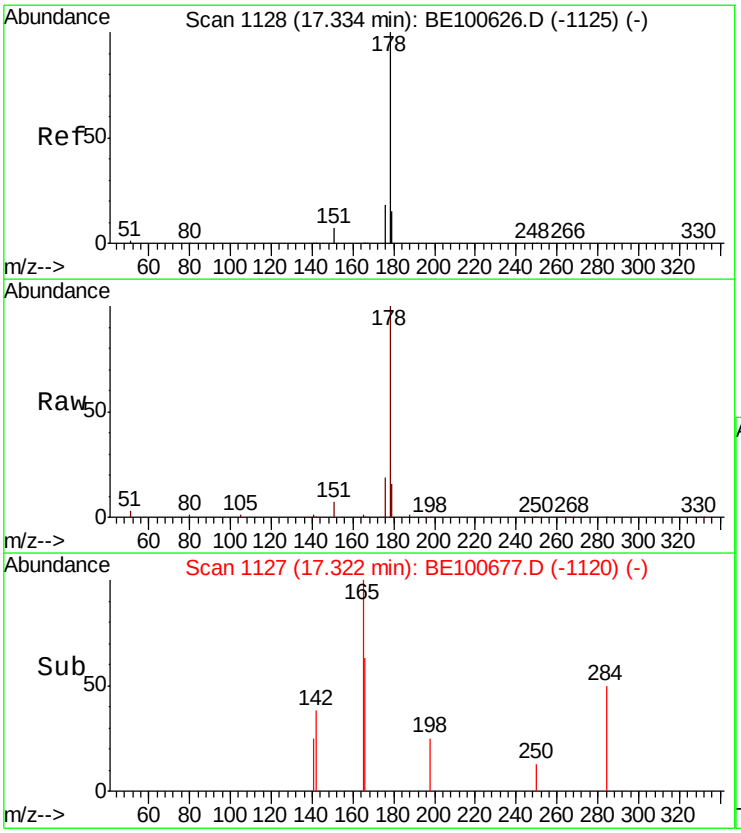
#23
Phenanthrene
Concen: 0.448 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 24302

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.2	12.1	18.1

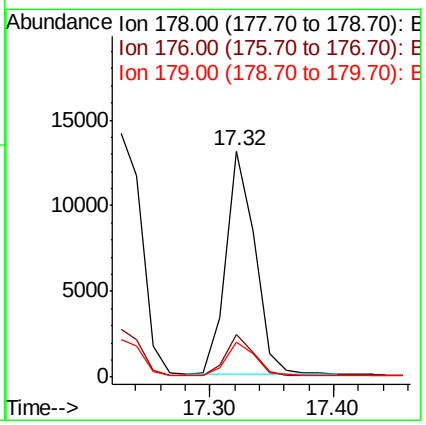


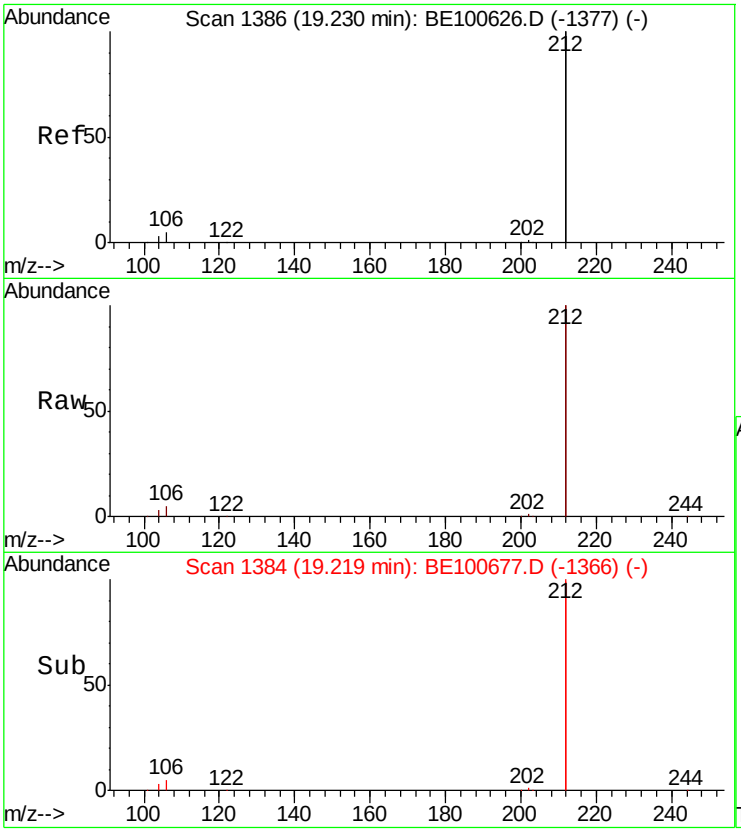


#24
Anthracene
Concen: 0.421 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:178 Resp: 21222

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	15.2	12.5	18.7



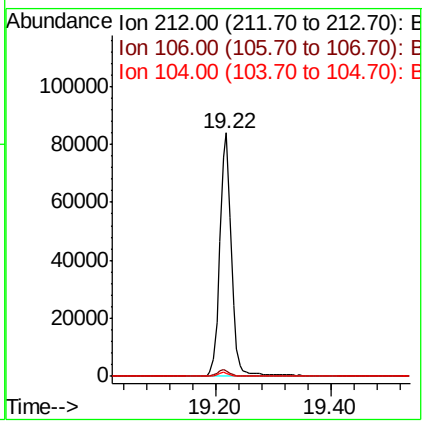


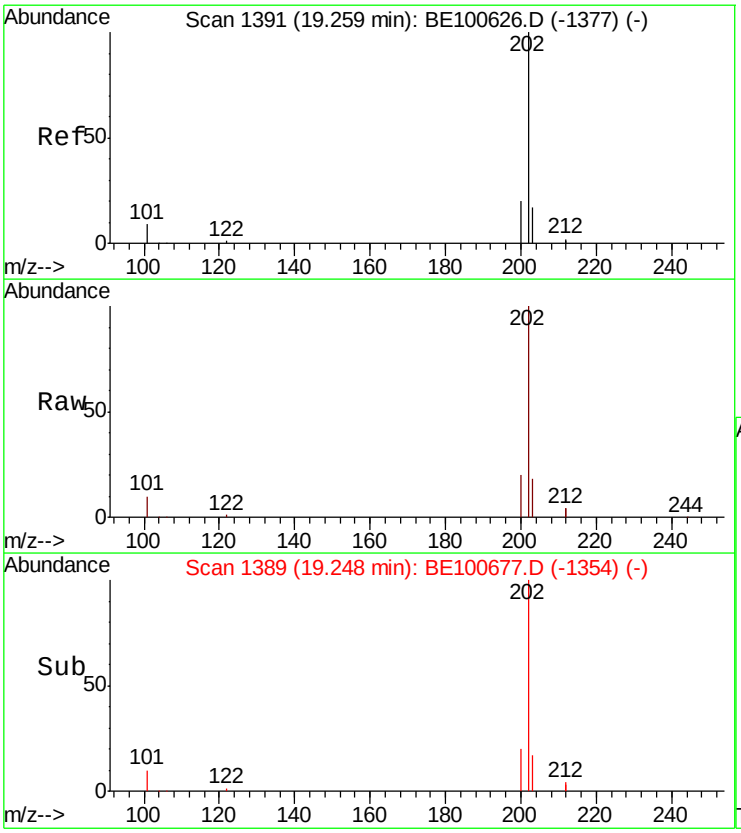
#25
Fluoranthene-d10
Concen: 0.450 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 114636

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.3	3.5
104	1.5	1.3	1.9

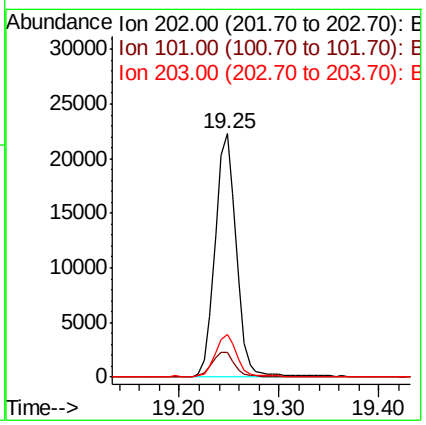


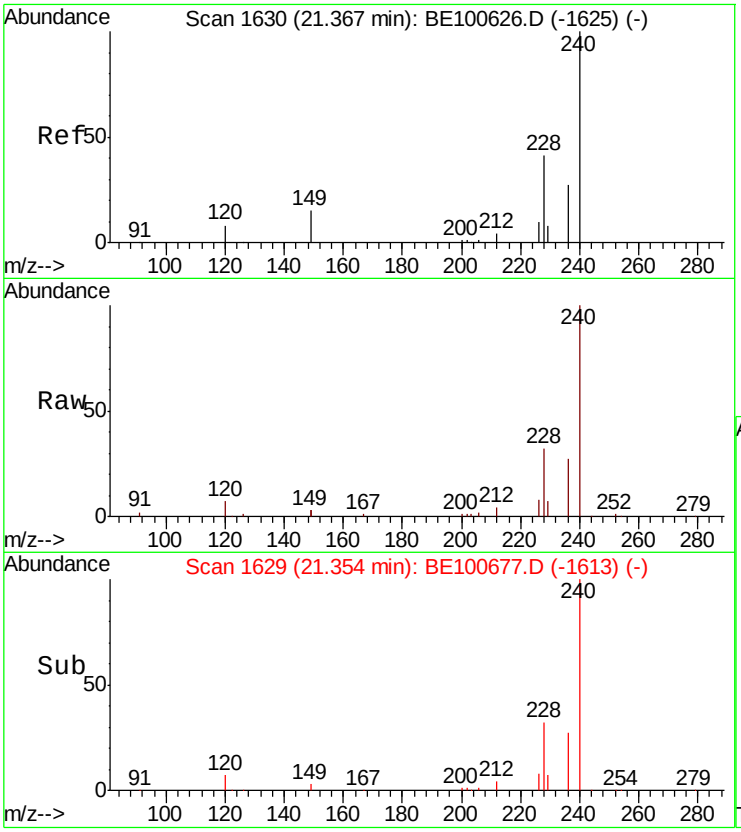


#26
Fluoranthene
Concen: 0.457 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:202 Resp: 32339

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.5	12.7
203	17.0	13.8	20.8



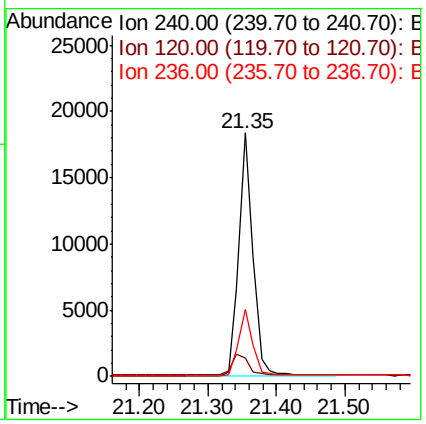


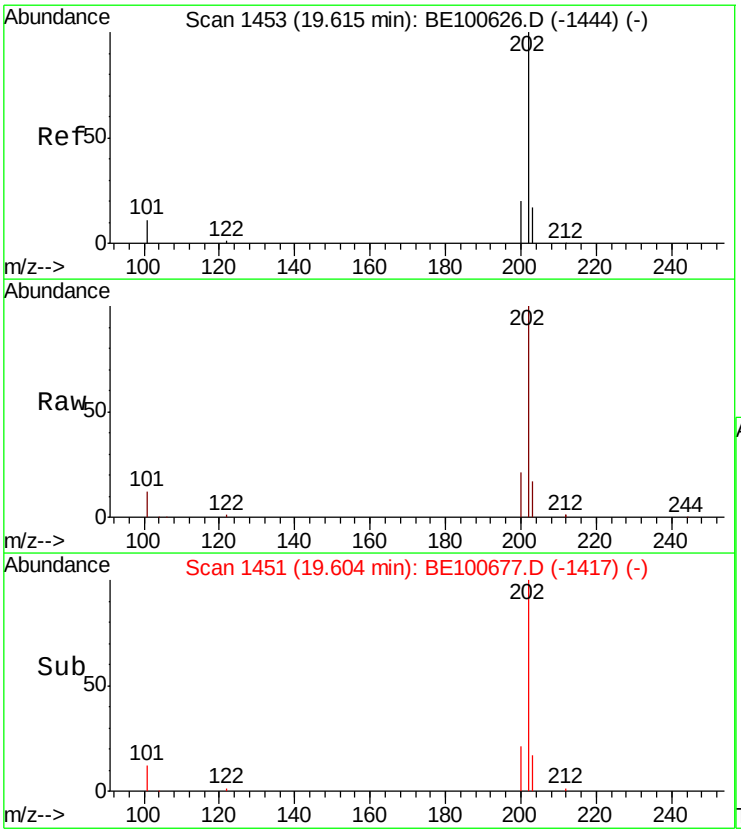
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 26456

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.6	11.4#
236	27.4	22.1	33.1

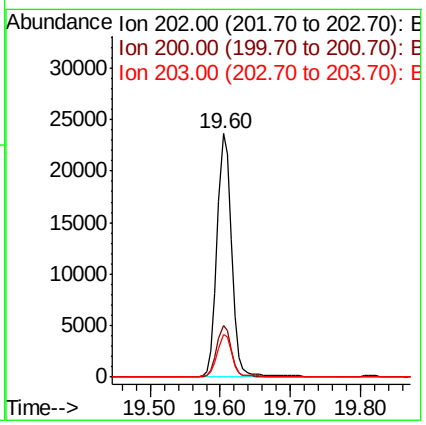


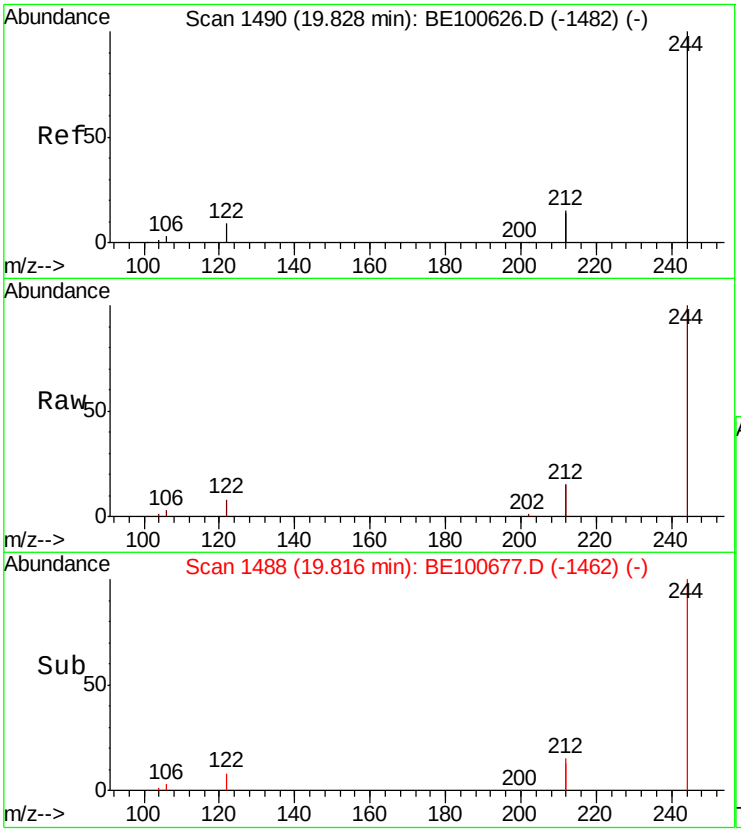


#28
Pyrene
Concen: 0.453 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:202 Resp: 33464

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.2	14.0	21.0



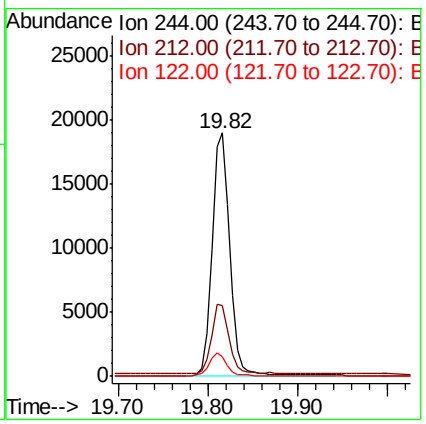


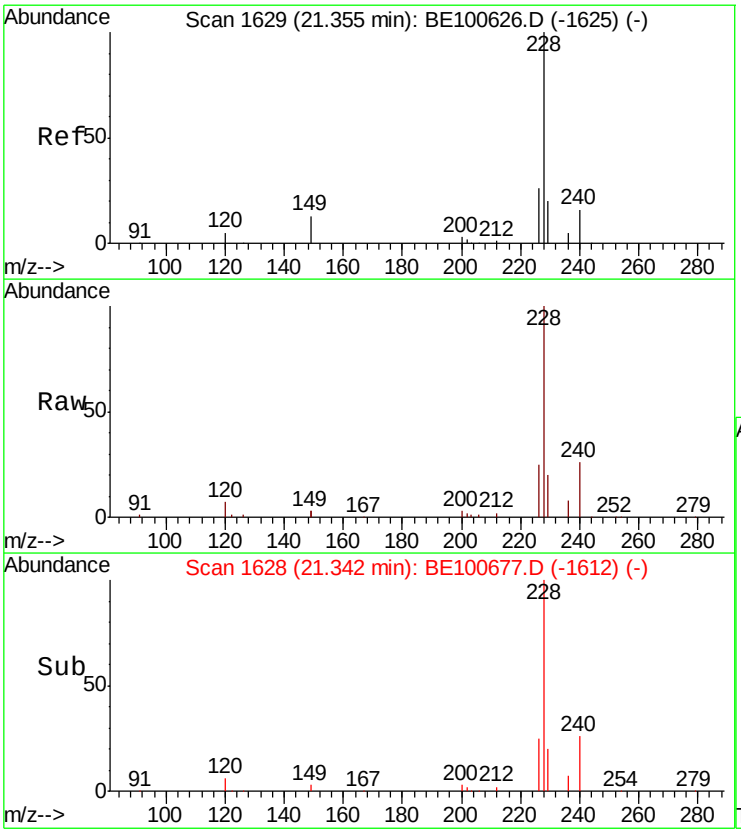
#29
Terphenyl-d14
Concen: 0.445 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 25721

Ion	Ratio	Lower	Upper
244	100		
212	29.2	23.7	35.5
122	8.3	7.9	11.9

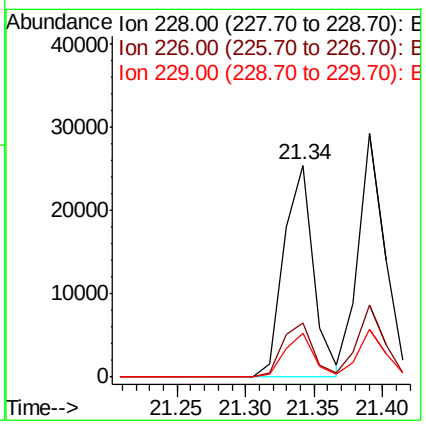


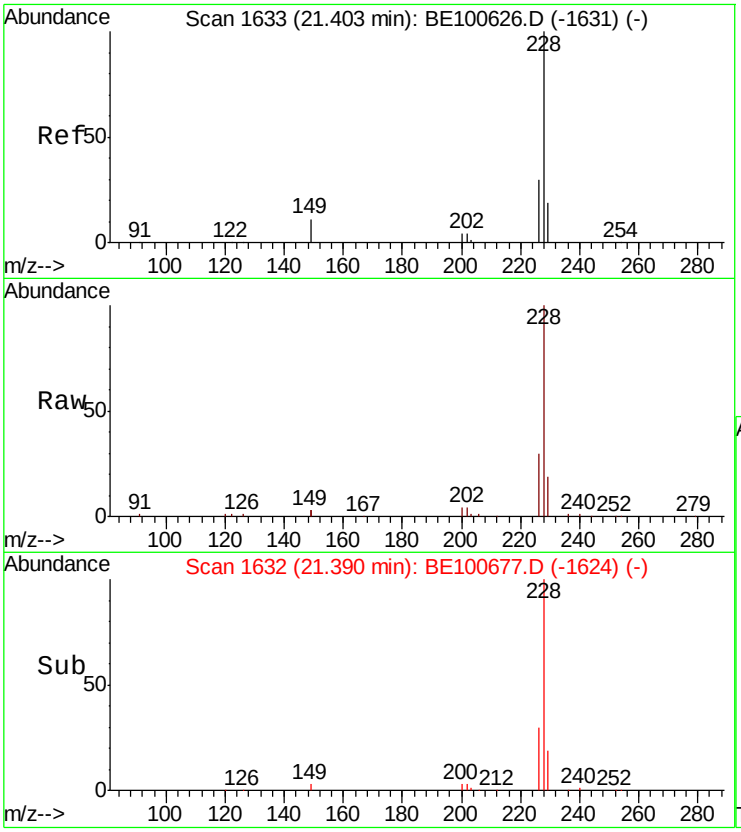


#30
Benzo(a)anthracene
Concen: 0.440 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:228 Resp: 37973

Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.4	32.0
229	20.4	16.0	24.0



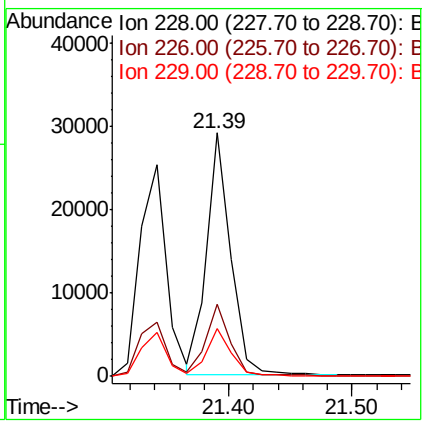


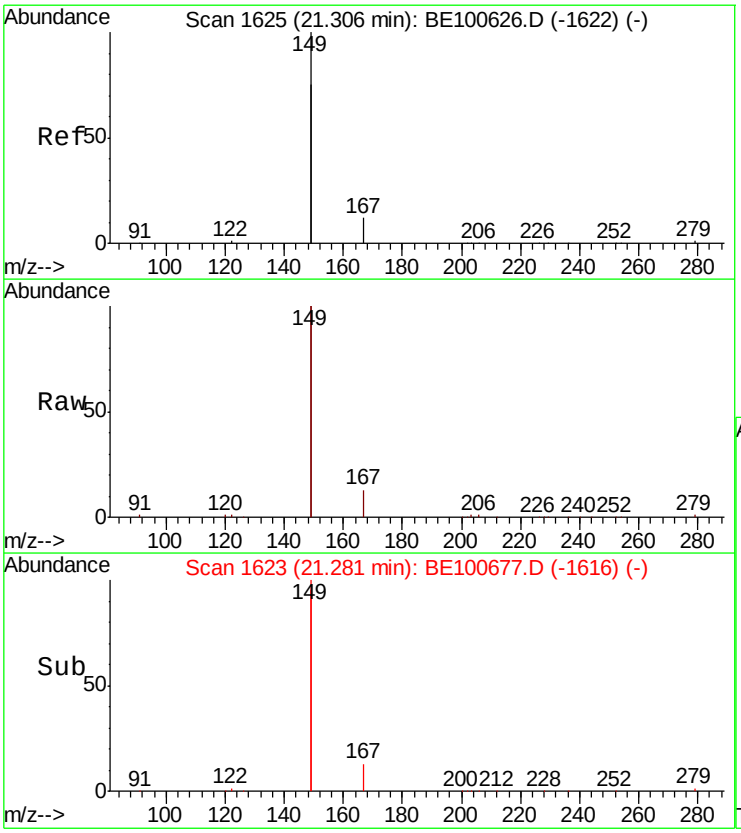
#31
Chrysene
Concen: 0.457 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 39373

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	19.4	15.8	23.8

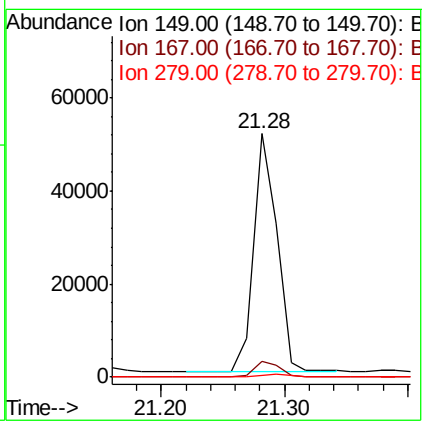


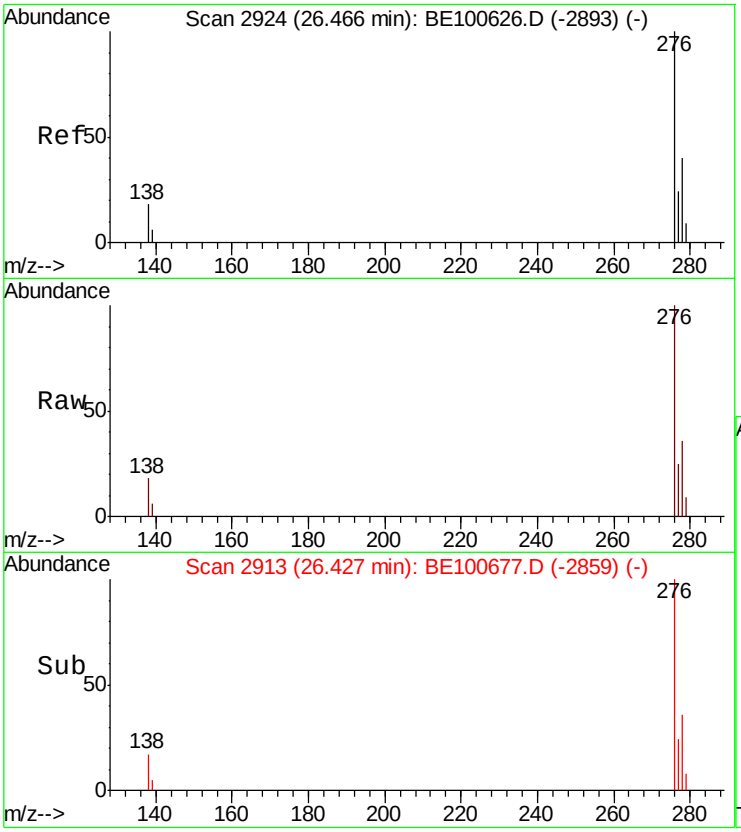


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.375 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:149 Resp: 67780

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.1	0.9	1.3



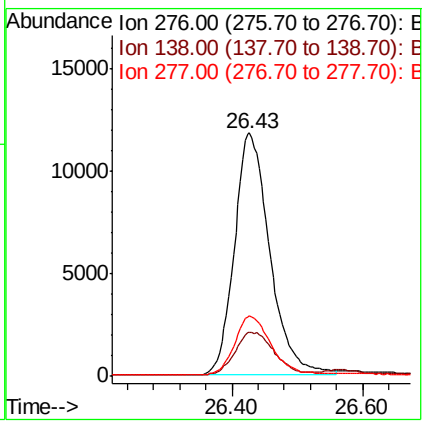


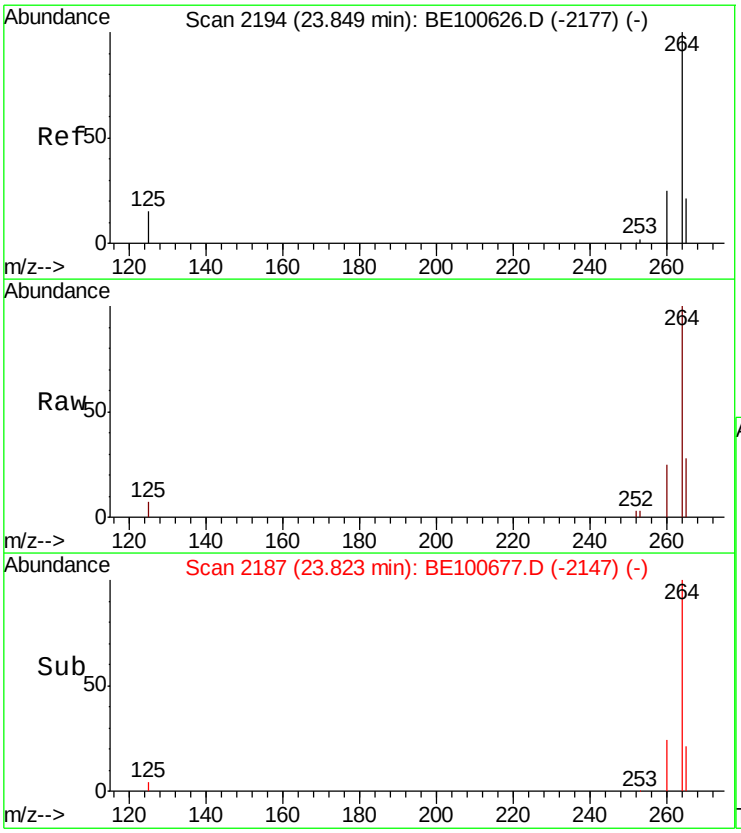
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 26.43 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 44592

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.3	22.9
277	24.8	19.4	29.2

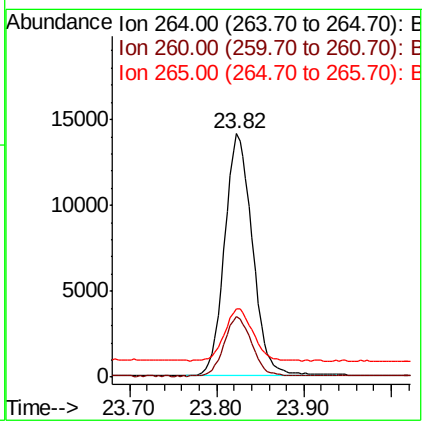


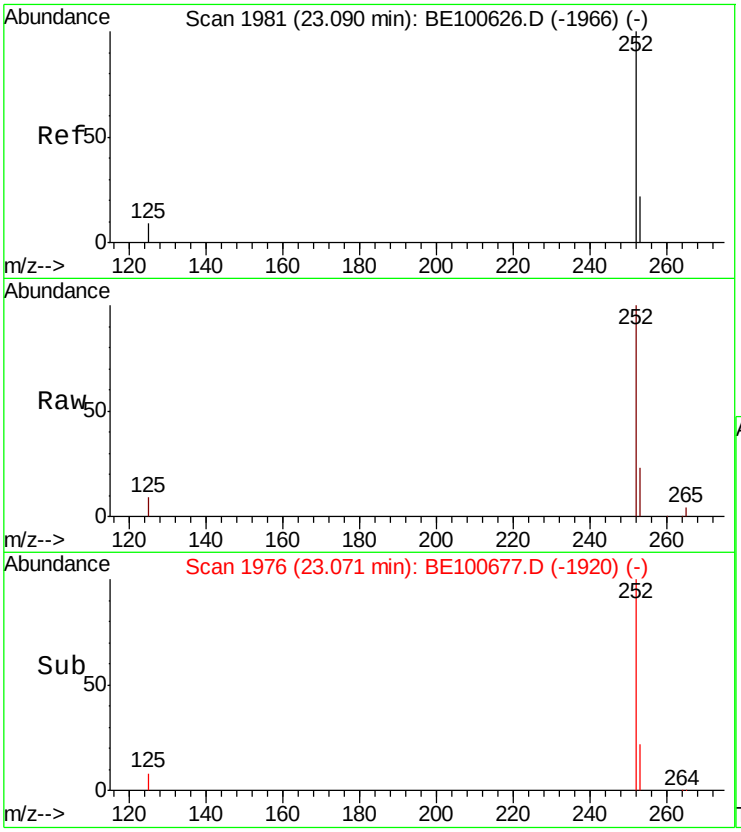


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:264 Resp: 31410

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	28.1	21.7	32.5



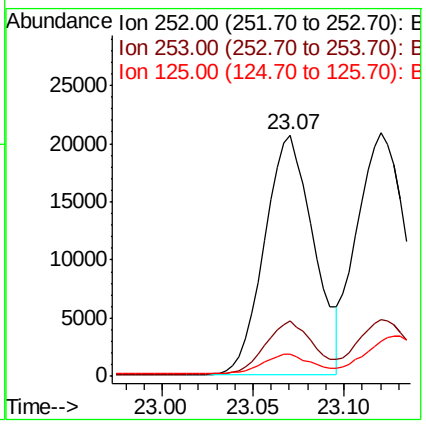


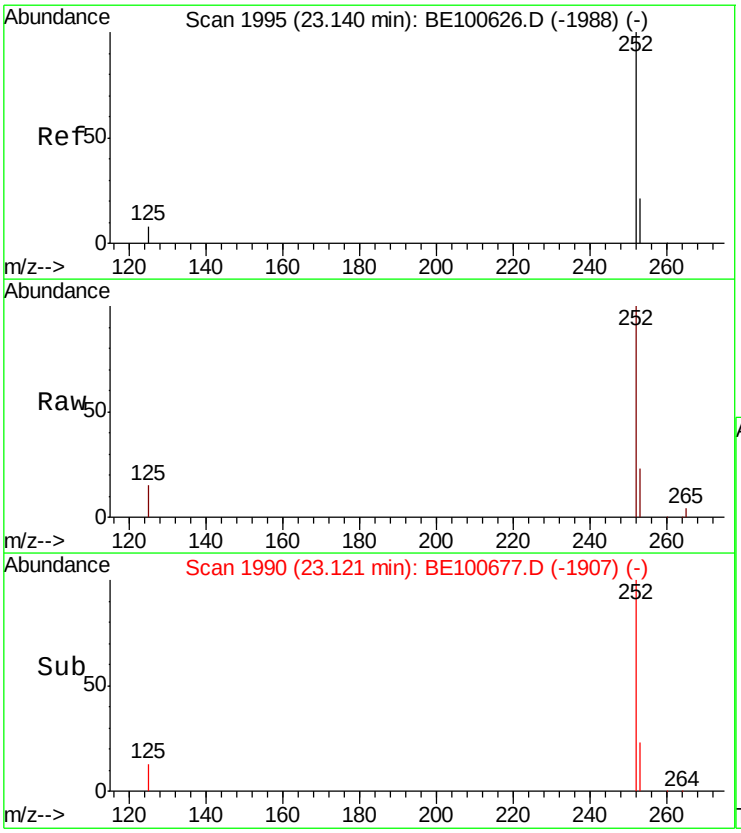
#35
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 38682

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	9.2	7.6	11.4

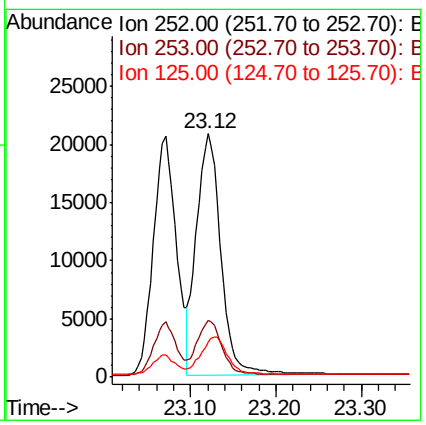


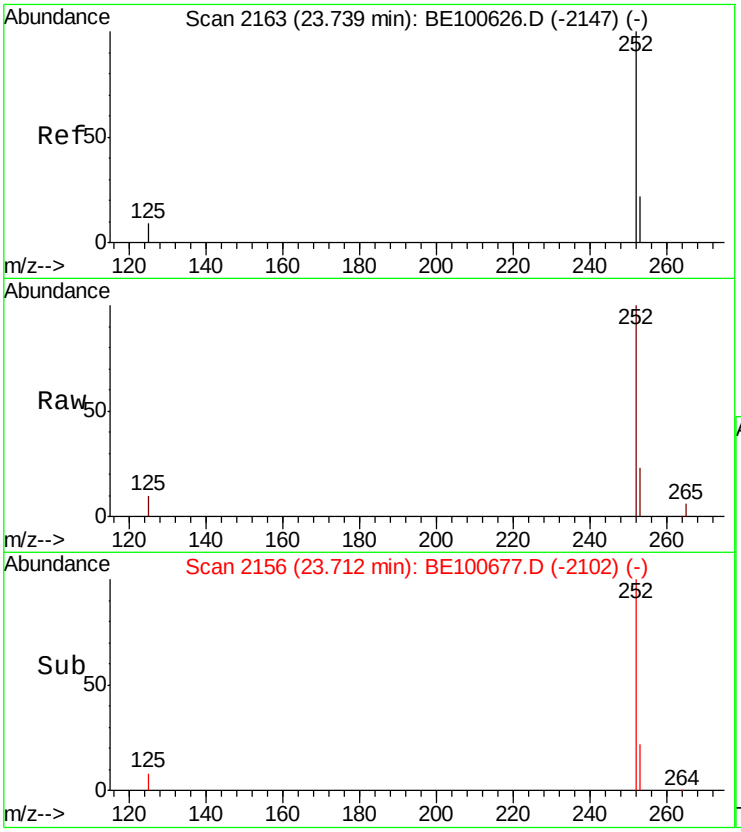


#36
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:252 Resp: 41215

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.6	11.6	17.4



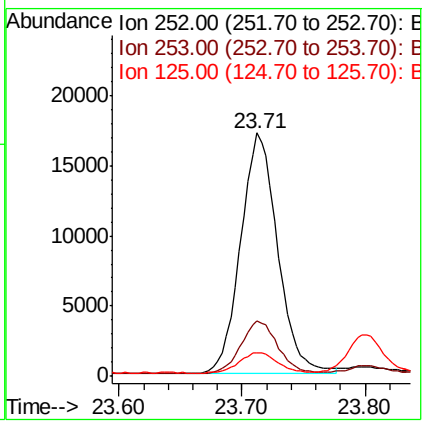


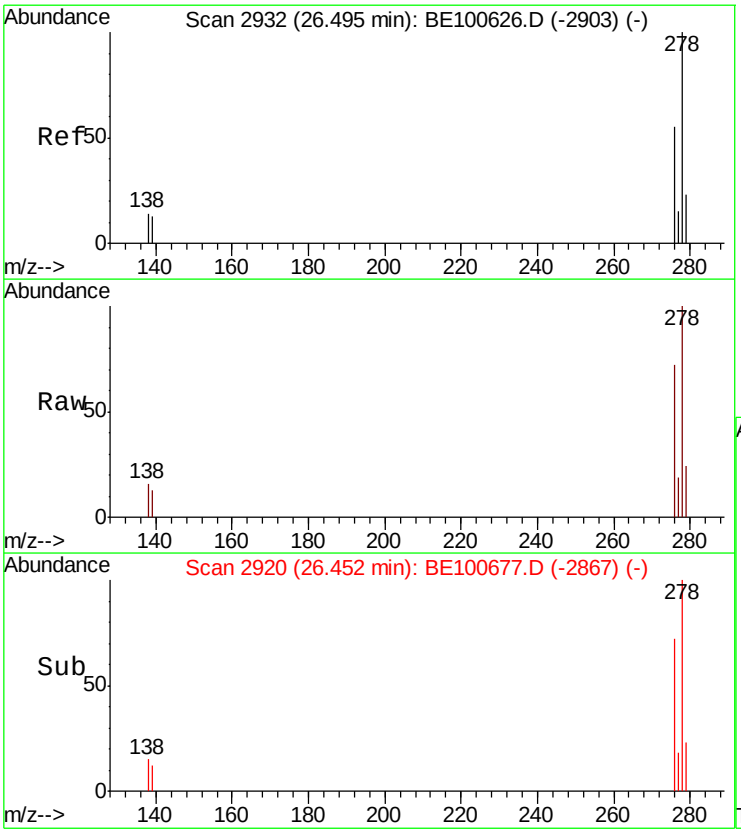
#37
Benzo(a)pyrene
Concen: 0.421 ng
RT: 23.71 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35893

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	9.9	8.2	12.4

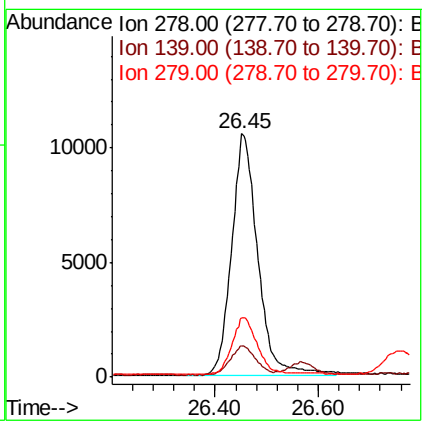


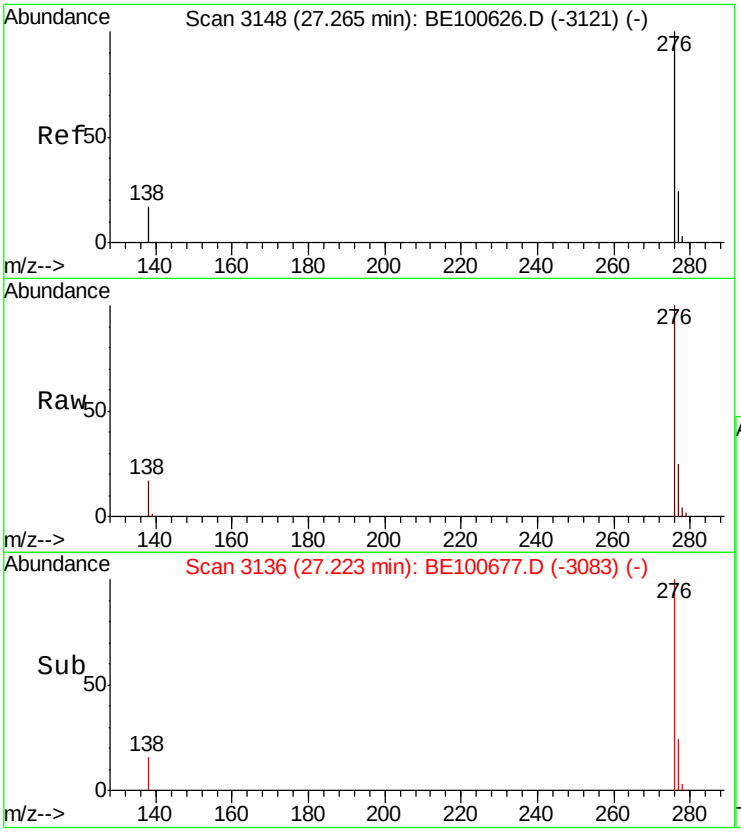


#38
Dibenzo(a,h)anthracene
Concen: 0.425 ng
RT: 26.45 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Tgt Ion:278 Resp: 37408

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.9	16.3
279	24.5	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.431 ng
RT: 27.22 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BE100677.D
Acq: 28 Oct 2019 17:14

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 38236

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	17.2	13.6	20.4