Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100738.D
Acq On : 15 Nov 2019 15:40
Operator : JU
Sample : K5728-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-024-SW129-110619-1MS

Quant Time: Nov 15 22:32:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2616	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	10512	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	6456	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	15017	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	18240	0.40	ng	0.00
34) Perylene-d12	23.73	264	20161	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	3930	0.51	ng	0.00
5) Phenol-d6	6.94	99	5390	0.50	ng	0.00
8) Nitrobenzene-d5	8.91	82	3380	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	8174	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	336	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	9375	0.40	ng	0.00
25) Fluoranthene-d10	19.16	212	78873	0.40	ng	0.00
29) Terphenyl-d14	19.75	244	18367	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	1398	0.307	ng	# 40
3) n-Nitrosodimethylamine	3.59	42	1962	0.433	ng	91
6) bis(2-Chloroethyl)ether	7.19	93	3607	0.382	ng	96
9) Naphthalene	10.60	128	43034	0.395	ng	100
10) Hexachlorobutadiene	10.90	225	1747	0.347	ng	99
12) 2-Methylnaphthalene	12.22	142	7331	0.395	ng	96
16) Acenaphthylene	14.13	152	10486	0.402	ng	98
17) Acenaphthene	14.47	154	6773	0.395	ng	99
18) Fluorene	15.43	166	9272	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	3392	0.427	ng	94
21) Hexachlorobenzene	16.45	284	2678	0.347	ng	99
23) Phenanthrene	17.18	178	28221	0.689	ng	99
24) Anthracene	17.26	178	15304	0.419	ng	99
26) Fluoranthene	19.18	202	50428	0.922	ng	99
28) Pyrene	19.55	202	47896	0.945	ng	98
30) Benzo(a)anthracene	21.28	228	35949	0.614	ng	99
31) Chrysene	21.33	228	36408	0.613	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	61689	0.594	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	35594	0.511	ng	99
35) Benzo(b)fluoranthene	22.99	252	39486	0.671	ng	98
36) Benzo(k)fluoranthene	23.03	252	33310	0.540	ng	99
37) Benzo(a)pyrene	23.62	252	33898	0.618	ng	99
38) Dibenzo(a,h)anthracene	26.31	278	24143	0.422	ng	98
39) Benzo(g,h,i)perylene	27.07	276	32427	0.578	ng	99

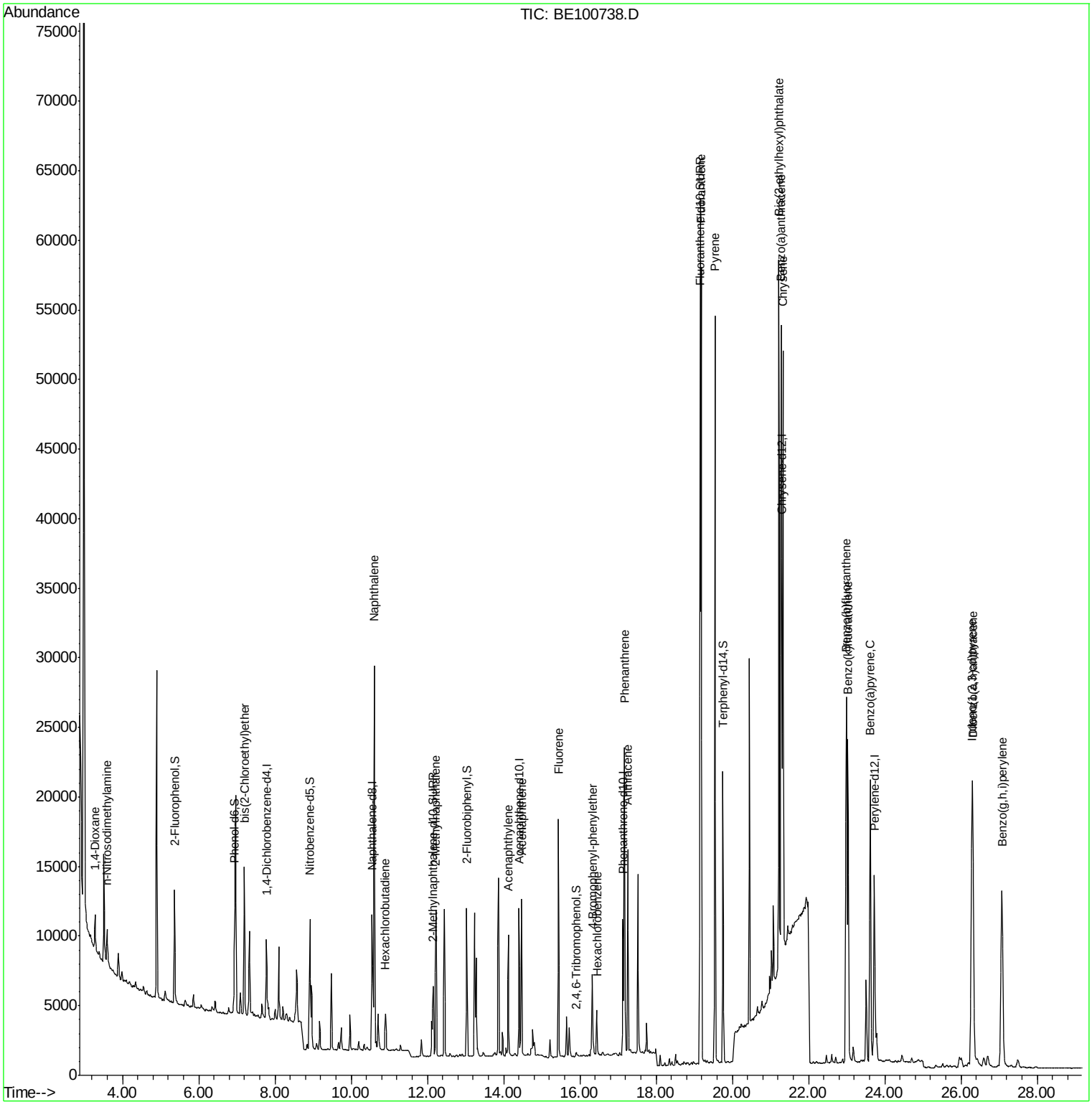
(#) = qualifier out of range (m) = manual integration (+) = signals summed

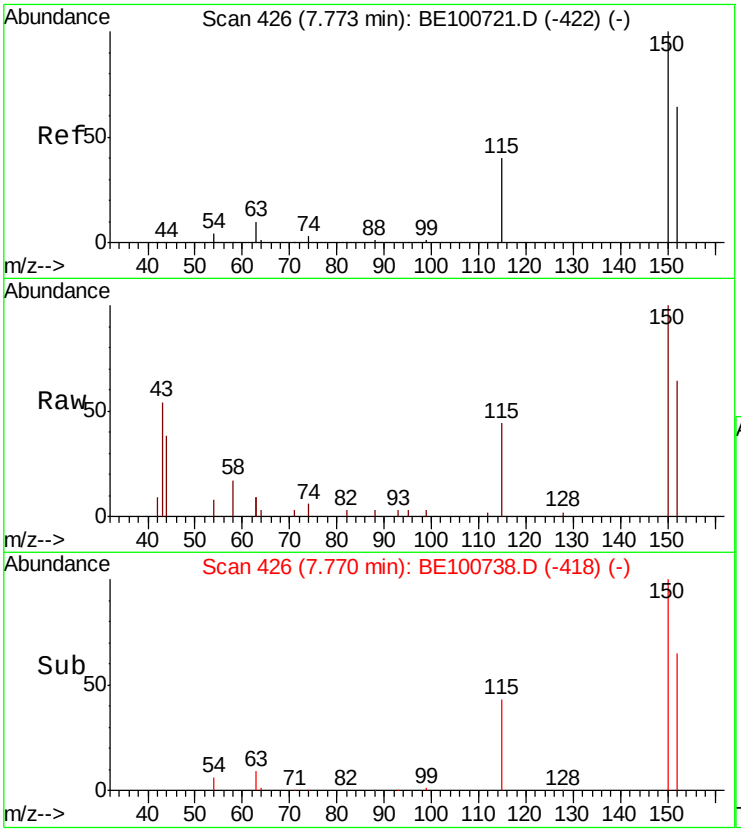
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100738.D
Acq On : 15 Nov 2019 15:40
Operator : JU
Sample : K5728-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Quant Time: Nov 15 22:32:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 15 15:55:40 2019
Response via : Initial Calibration



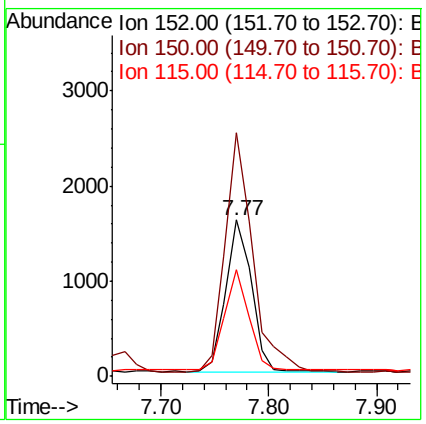


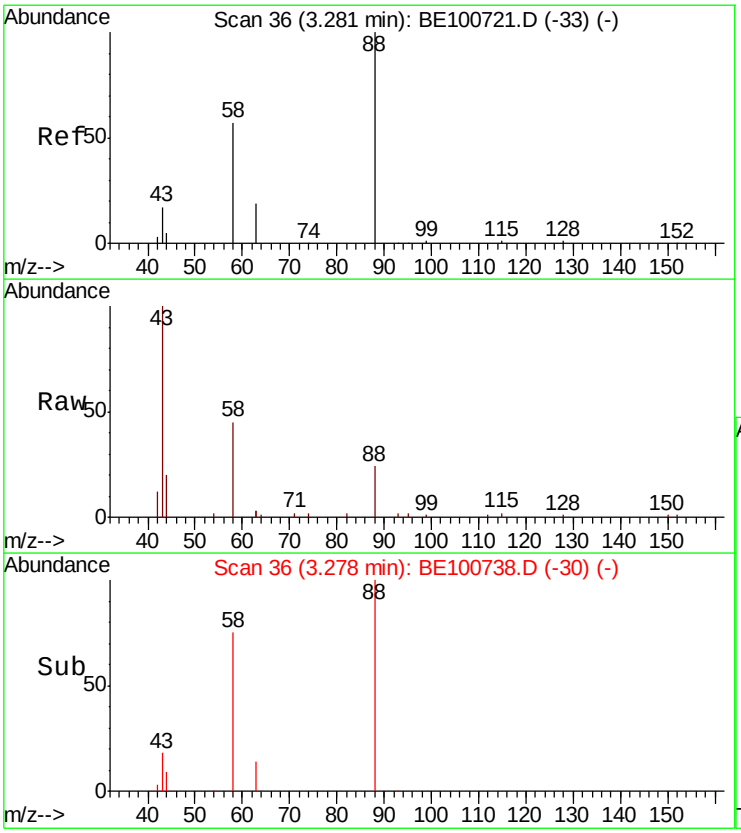
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:152 Resp: 2616

Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.4	185.0
115	68.0	52.1	78.1

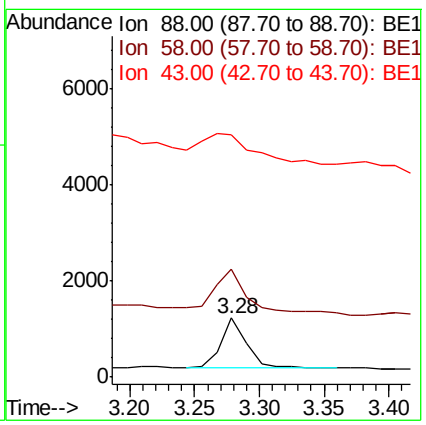


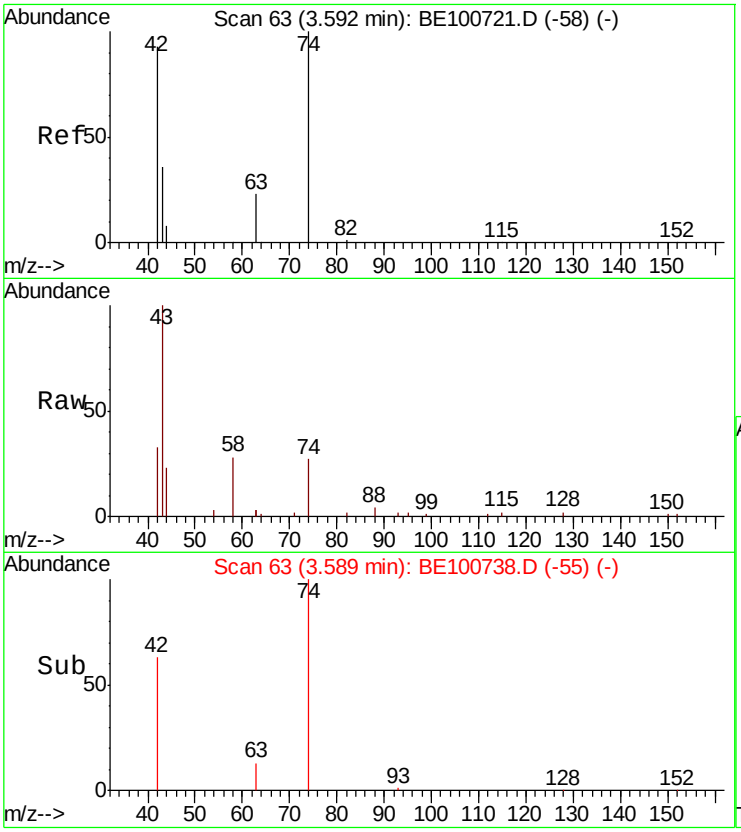


#2
1,4-Dioxane
Concen: 0.307 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion: 88 Resp: 1398

Ion	Ratio	Lower	Upper
88	100		
58	107.6	69.8	104.8#
43	124.3	27.0	40.4#



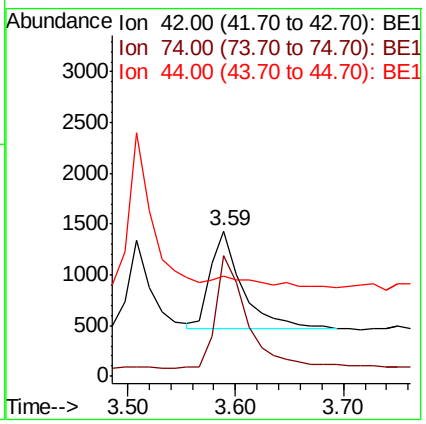


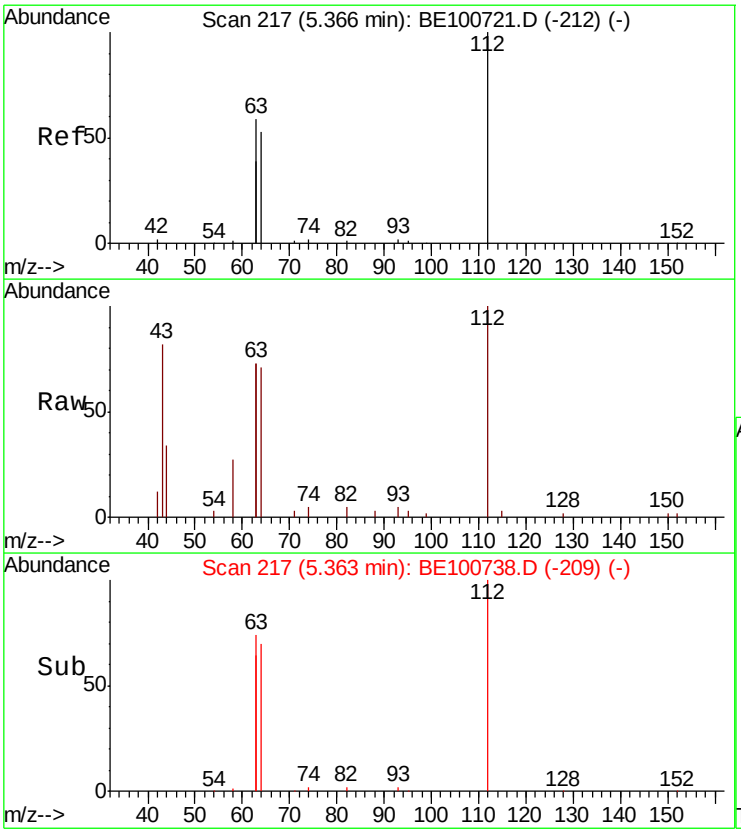
#3
n-Nitrosodimethylamine
Concen: 0.433 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion: 42 Resp: 1962

Ion	Ratio	Lower	Upper
42	100		
74	113.6	99.7	149.5
44	15.2	11.8	17.8

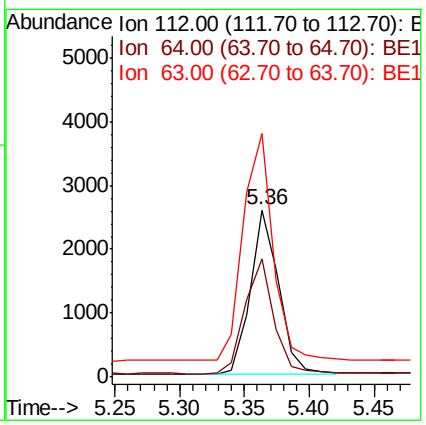


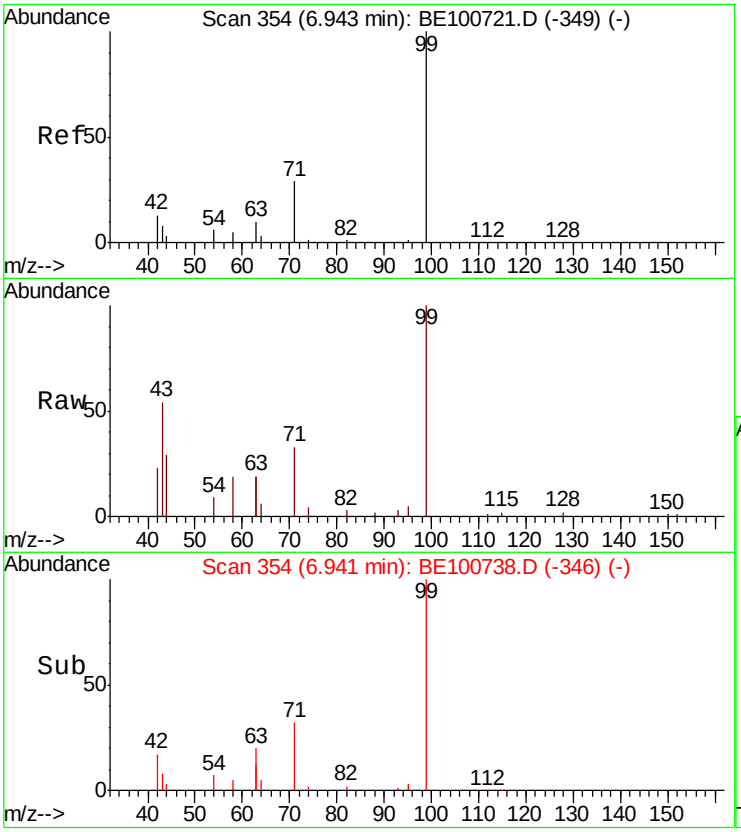


#4
2-Fluorophenol
Concen: 0.514 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:112 Resp: 3930

Ion	Ratio	Lower	Upper
112	100		
64	71.2	58.3	87.5
63	144.6	115.4	173.2



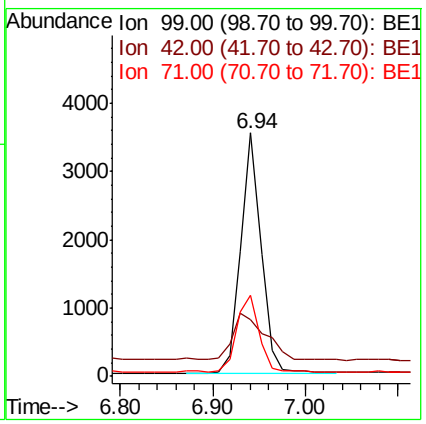


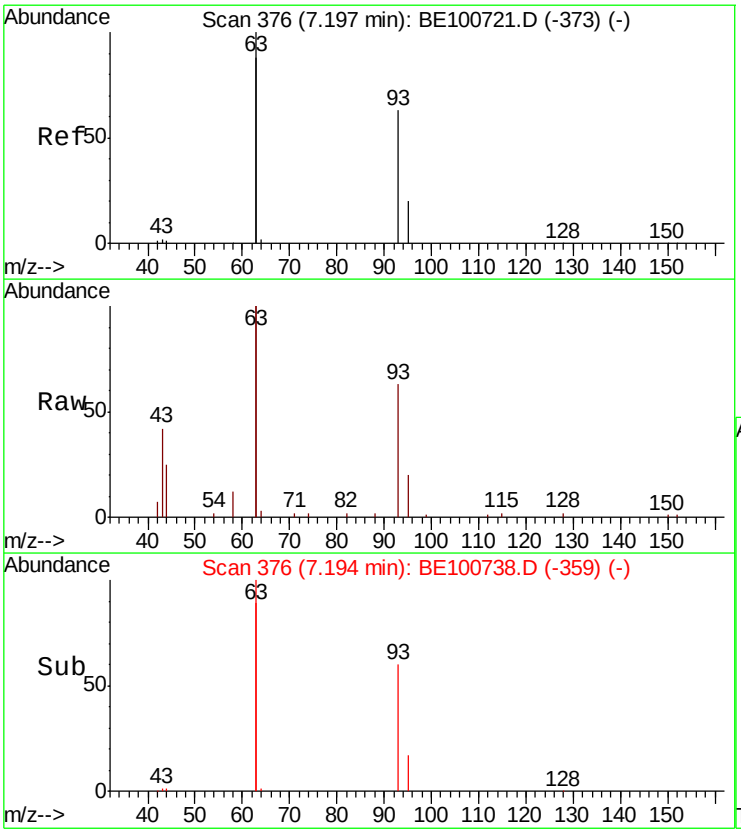
#5
Phenol-d6
Concen: 0.499 ng
RT: 6.94 min Scan# 354
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion: 99 Resp: 5390

Ion	Ratio	Lower	Upper
99	100		
42	31.2	17.8	26.6#
71	34.9	27.3	40.9

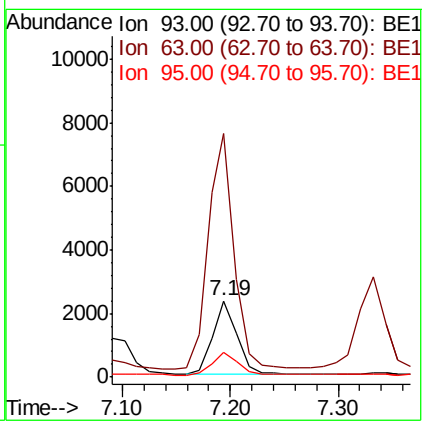


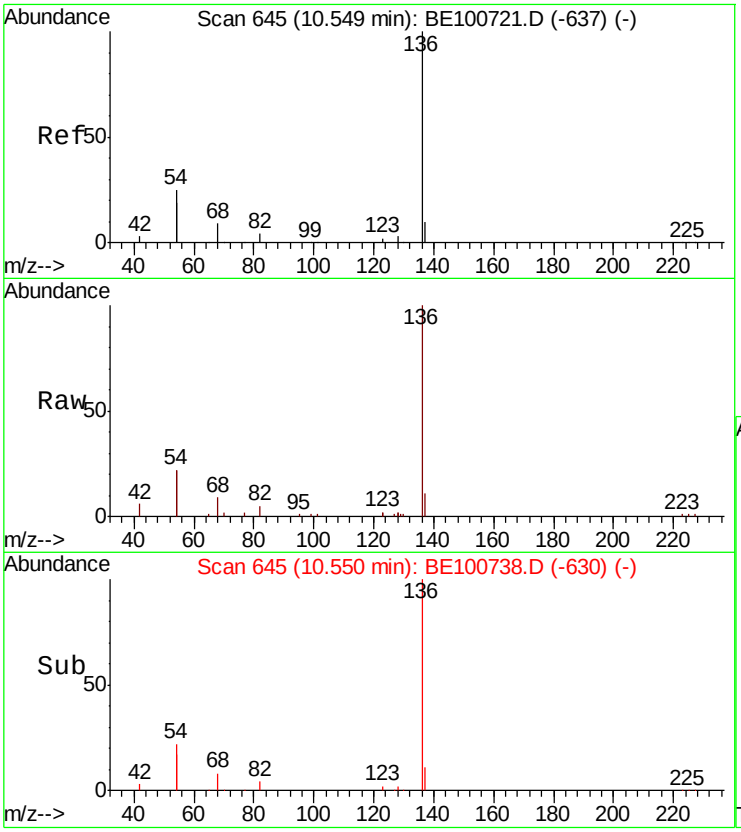


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.19 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion: 93 Resp: 3607

Ion	Ratio	Lower	Upper
93	100		
63	335.6	260.7	391.1
95	31.0	24.2	36.2



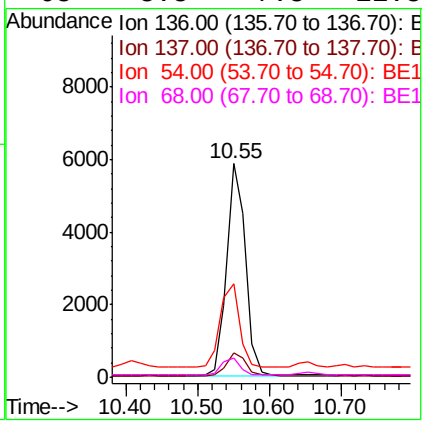


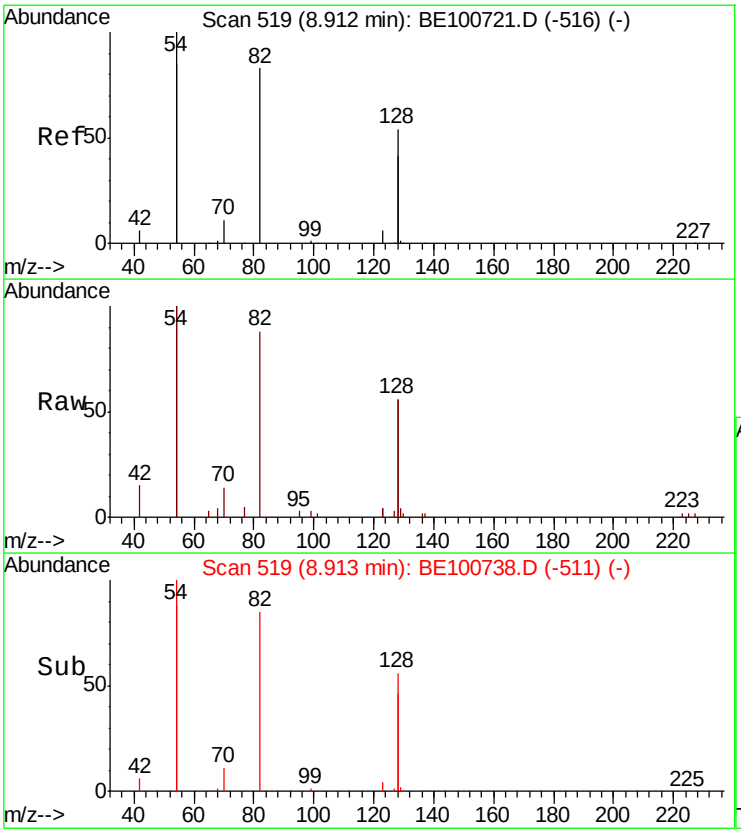
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:136 Resp: 10512

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	43.5	39.0	58.6
68	8.8	7.8	11.8

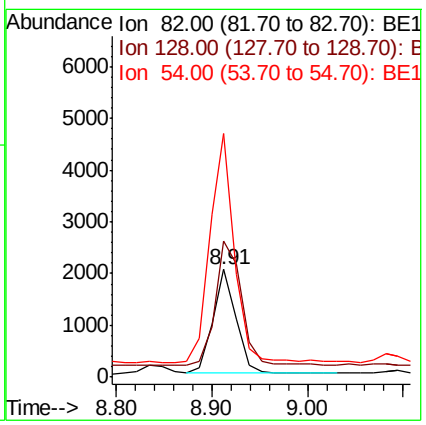


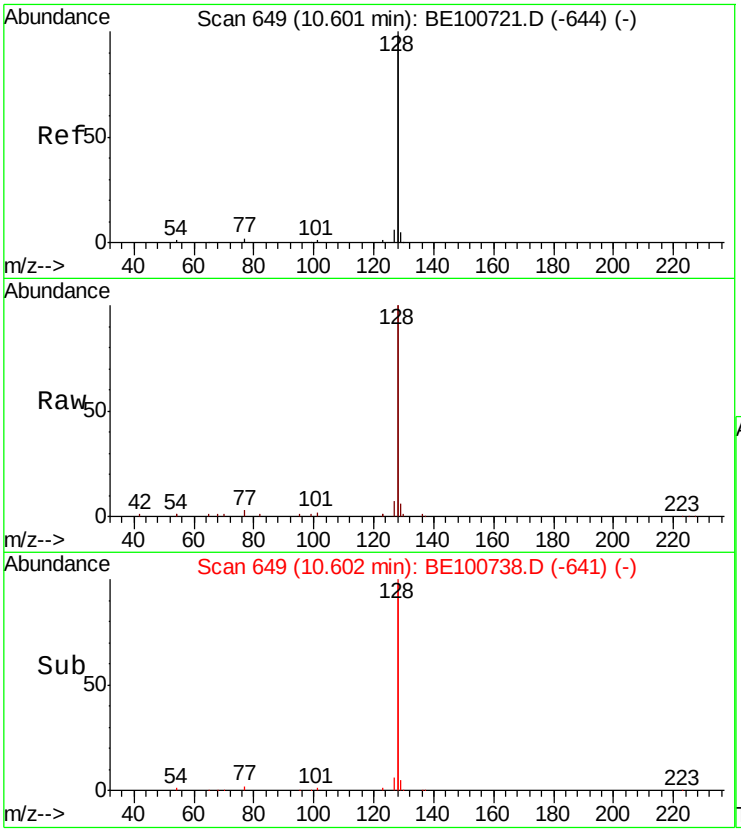


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.91 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion: 82 Resp: 3380

Ion	Ratio	Lower	Upper
82	100		
128	126.5	99.6	149.4
54	226.7	183.8	275.8



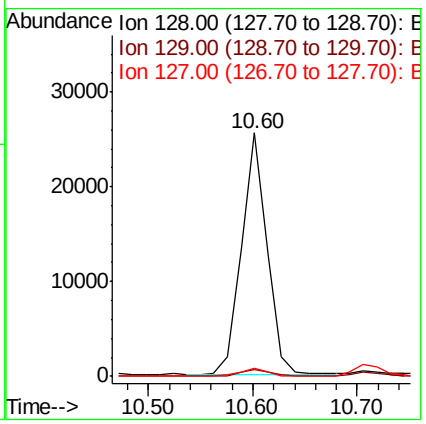


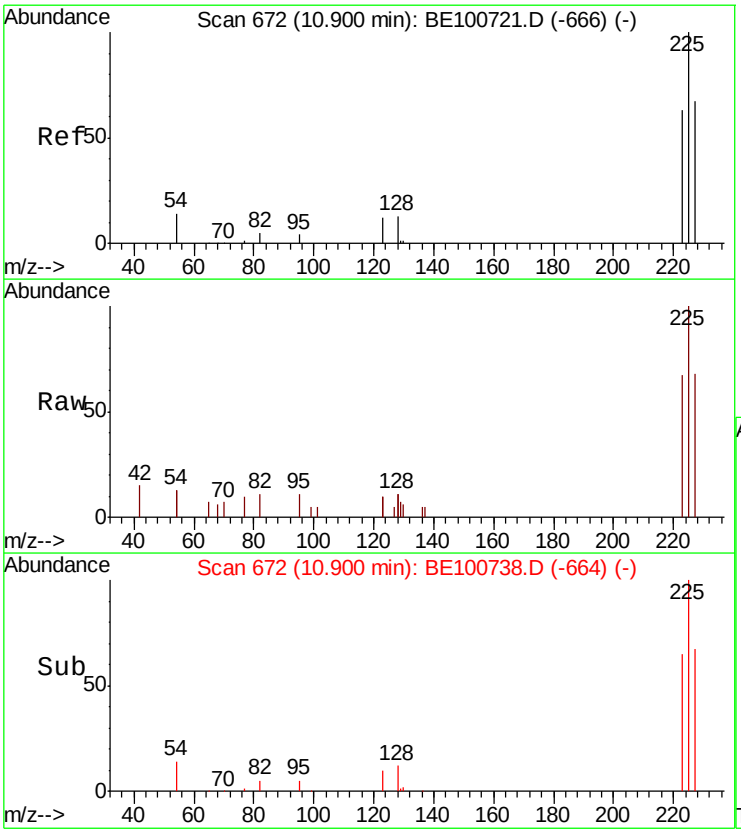
#9
Naphthalene
Concen: 0.395 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:128 Resp: 43034

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.4	3.6
127	3.3	2.7	4.1

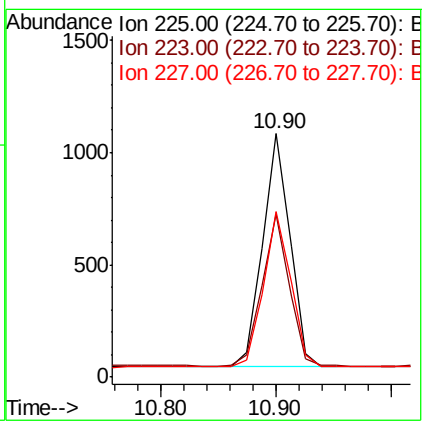


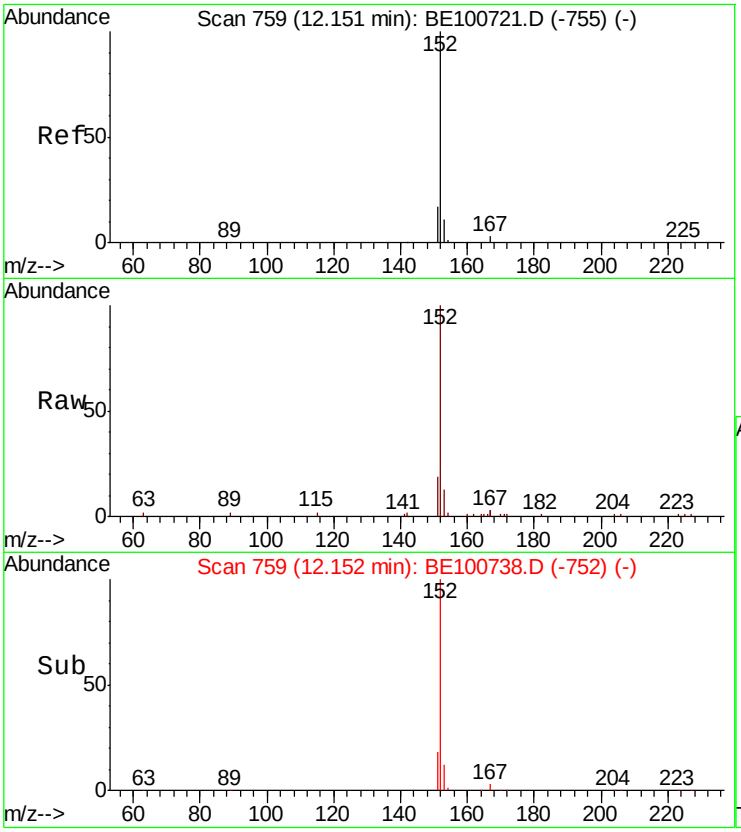


#10
Hexachlorobutadiene
Concen: 0.347 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:225 Resp: 1747

Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	66.1	53.0	79.6



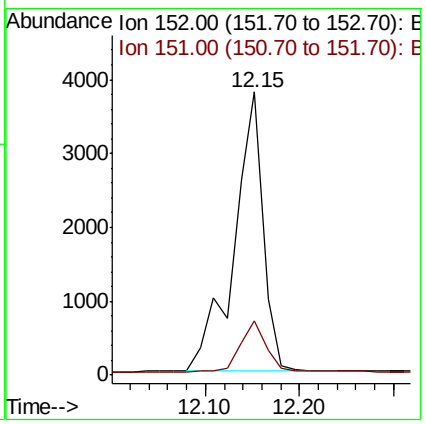


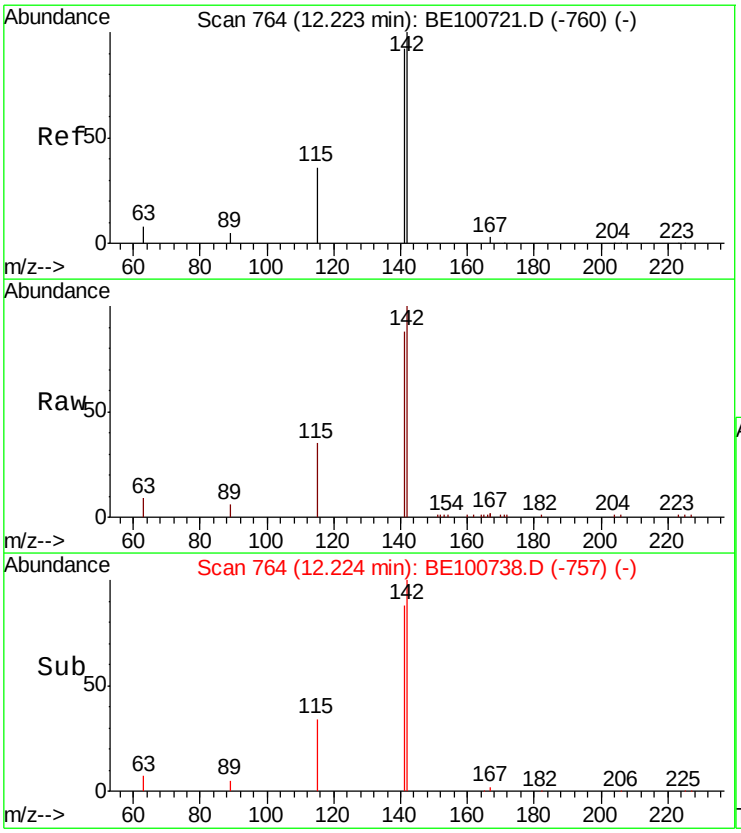
#11
2-Methylnaphthalene-d10
Concen: 0.488 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:152 Resp: 8174

Ion	Ratio	Lower	Upper
152	100		
151	15.5	14.2	21.4

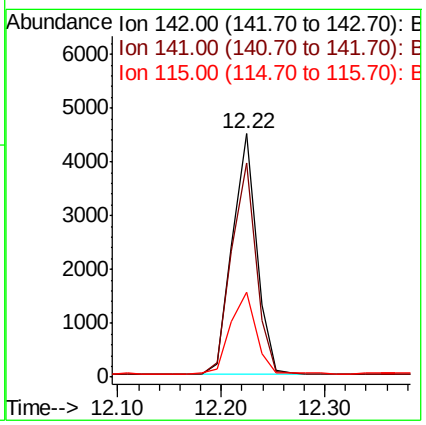


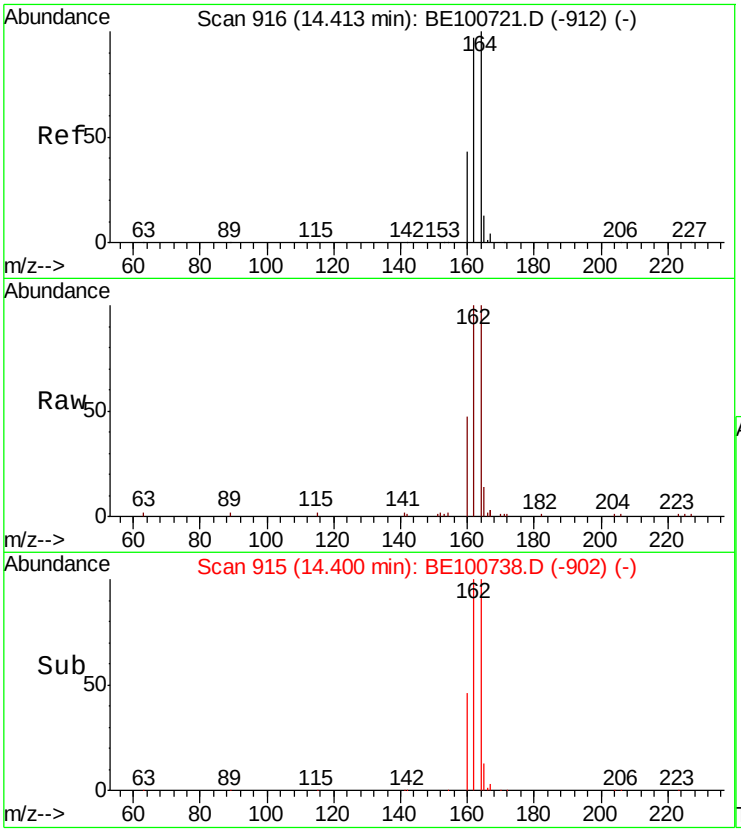


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:142 Resp: 7331

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.3	109.9
115	35.0	29.9	44.9



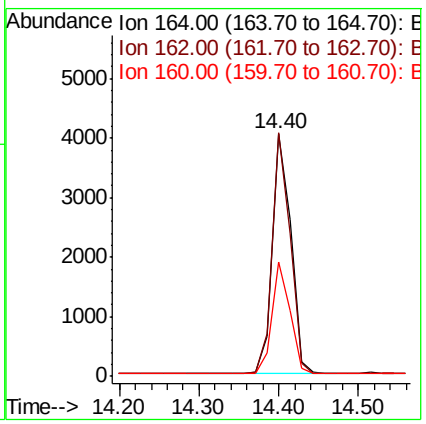


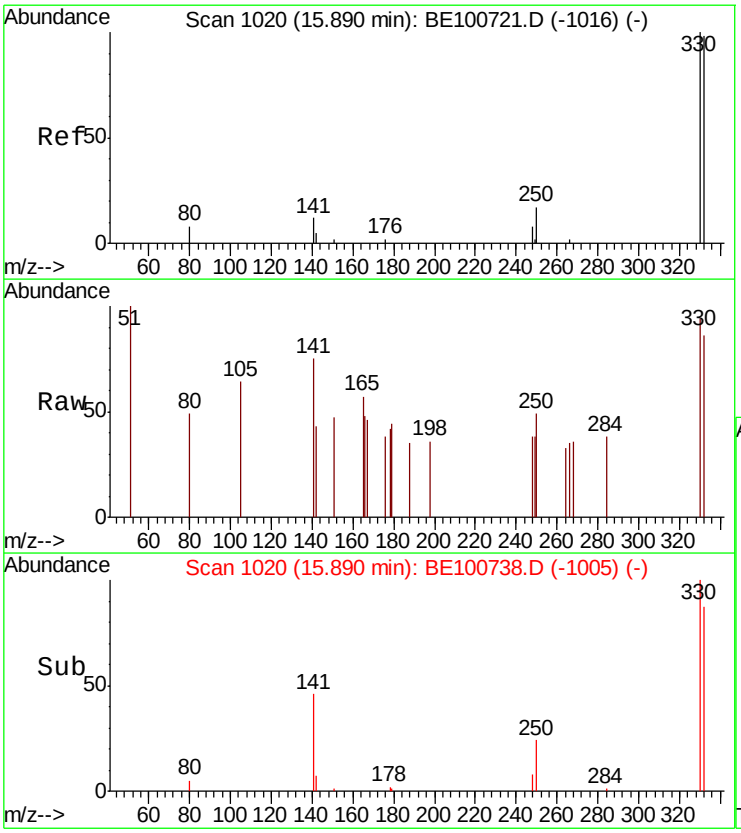
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:164 Resp: 6456

Ion	Ratio	Lower	Upper
164	100		
162	100.4	77.8	116.8
160	47.0	35.3	52.9

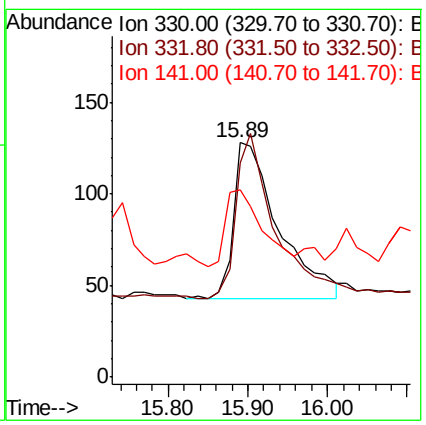


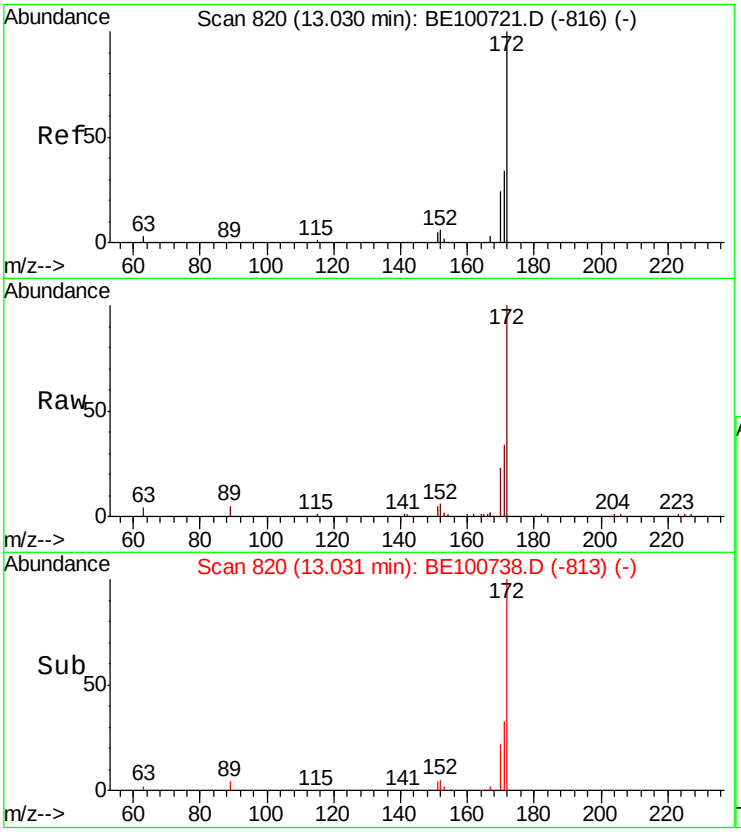


#14
2,4,6-Tribromophenol
Concen: 0.623 ng
RT: 15.89 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:330 Resp: 336

Ion	Ratio	Lower	Upper
330	100		
332	92.9	85.0	127.6
141	40.8	28.2	42.2



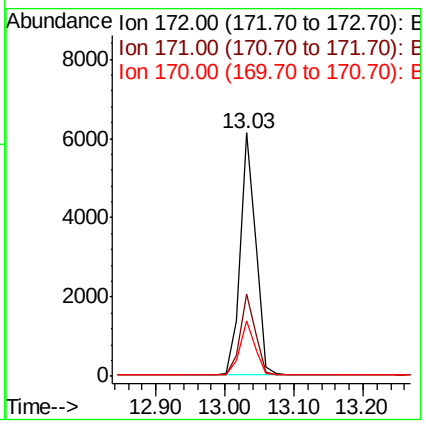


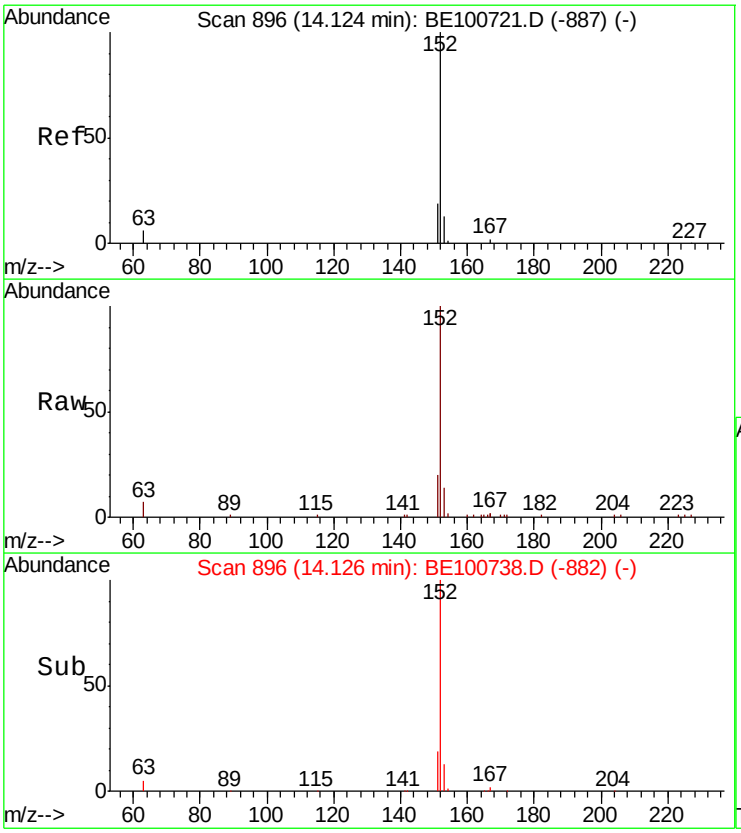
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:172 Resp: 9375

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	22.8	19.8	29.6

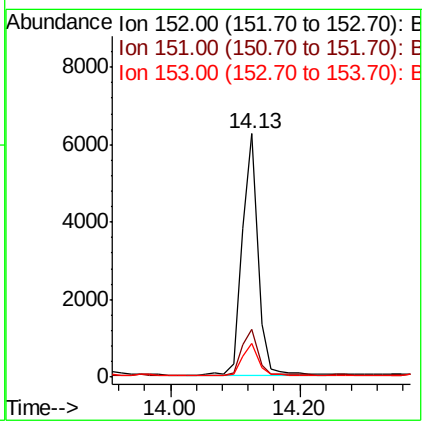


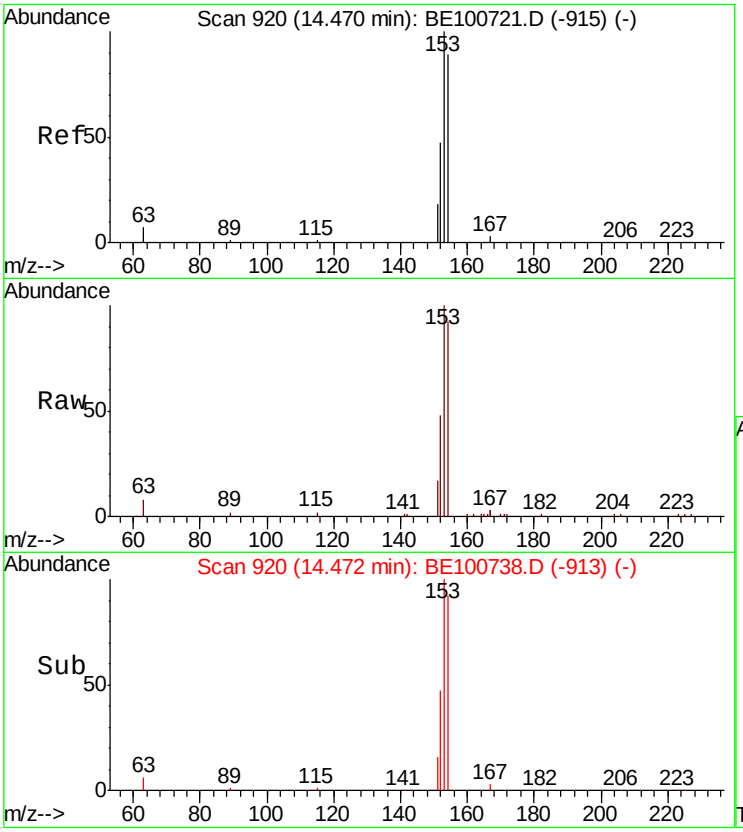


#16
Acenaphthylene
Concen: 0.402 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:152 Resp: 10486

Ion	Ratio	Lower	Upper
152	100		
151	19.7	14.9	22.3
153	13.2	10.7	16.1



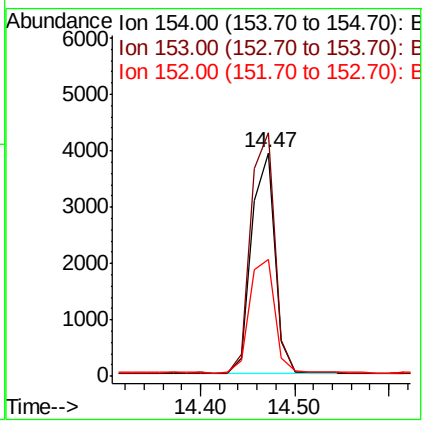


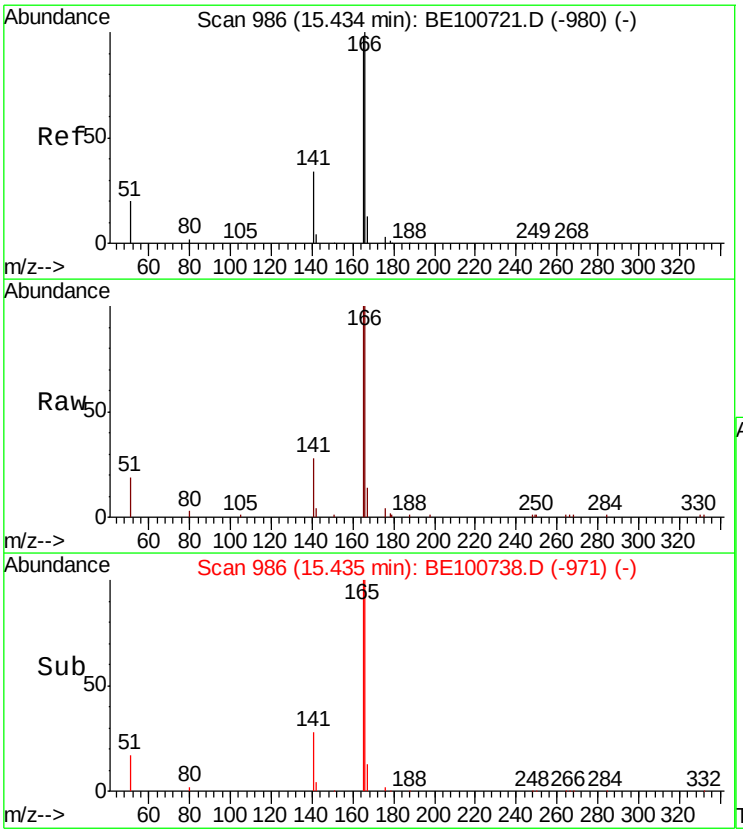
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:154 Resp: 6773

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.9	137.9
152	55.8	44.8	67.2

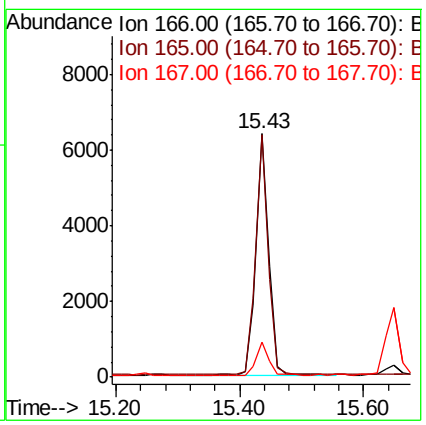


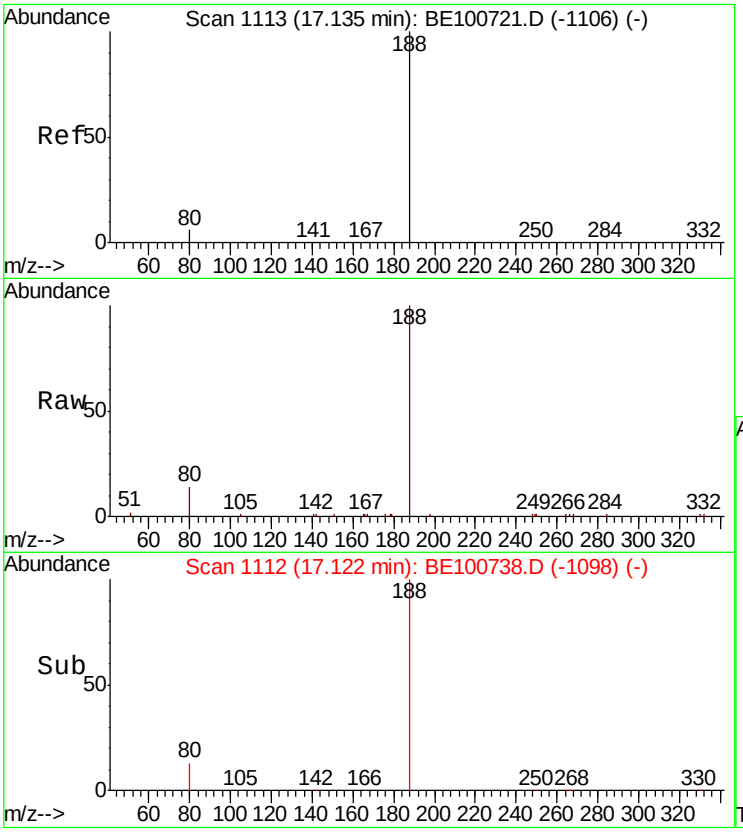


#18
Fluorene
Concen: 0.395 ng
RT: 15.43 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:166 Resp: 9272

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.4
167	13.3	10.6	16.0



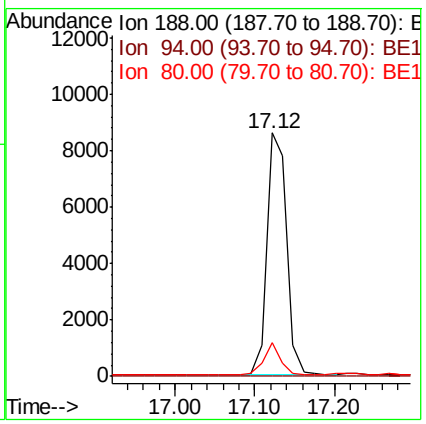


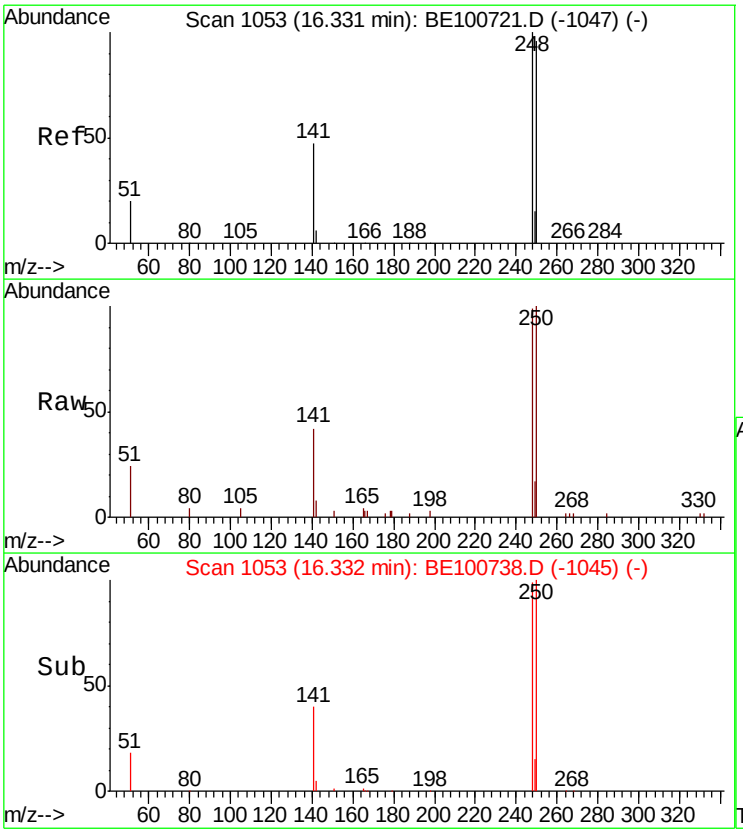
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:188 Resp: 15017

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	5.4	8.0#

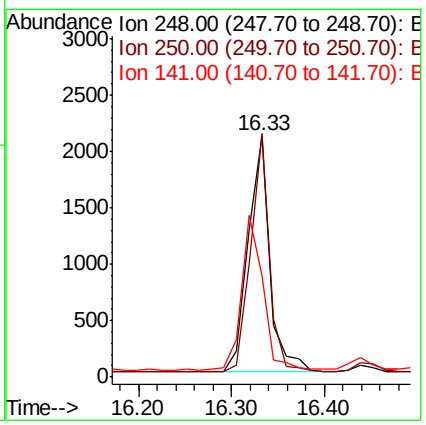


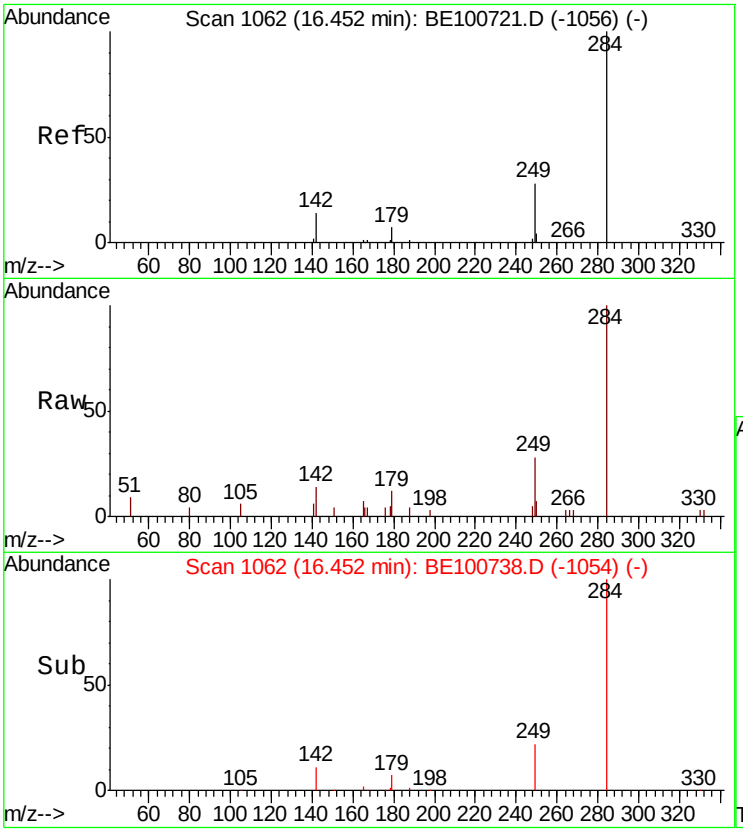


#20
4-Bromophenyl-phenylether
Concen: 0.427 ng
RT: 16.33 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:248 Resp: 3392

Ion	Ratio	Lower	Upper
248	100		
250	101.0	77.1	115.7
141	42.3	38.6	58.0



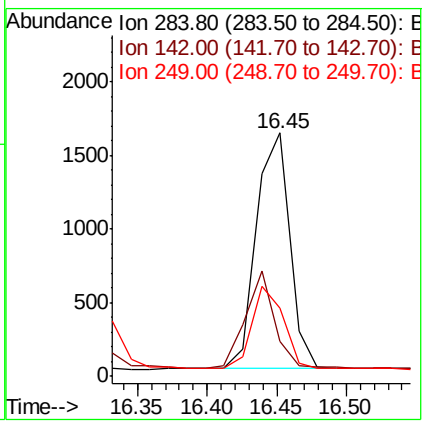


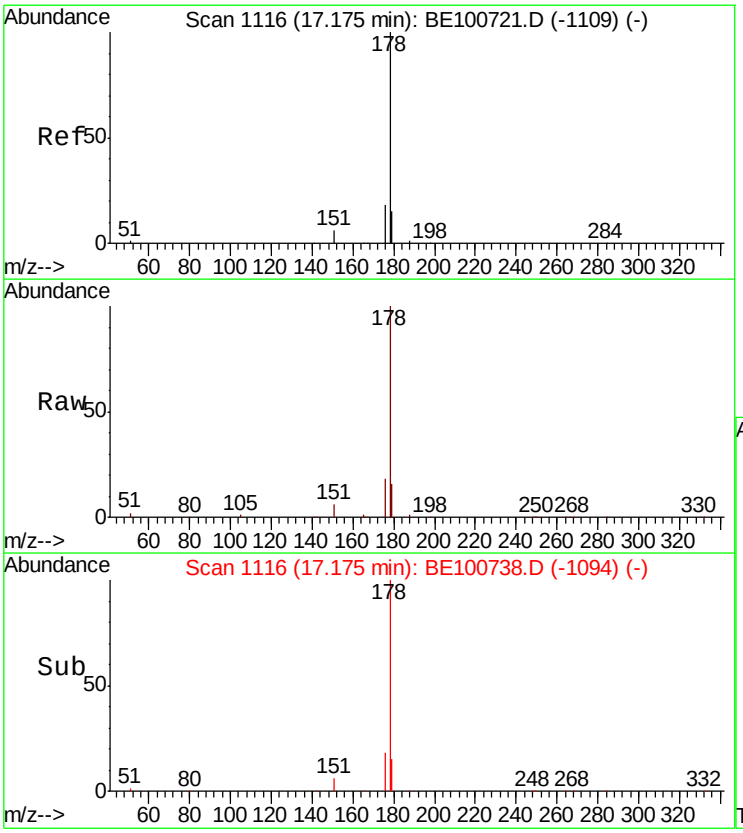
#21
Hexachlorobenzene
Concen: 0.347 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:284 Resp: 2678

Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.2	42.2
249	32.9	26.5	39.7

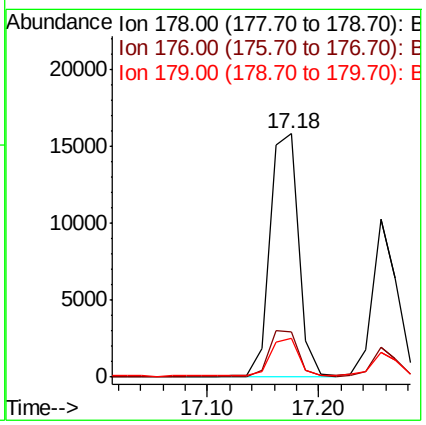


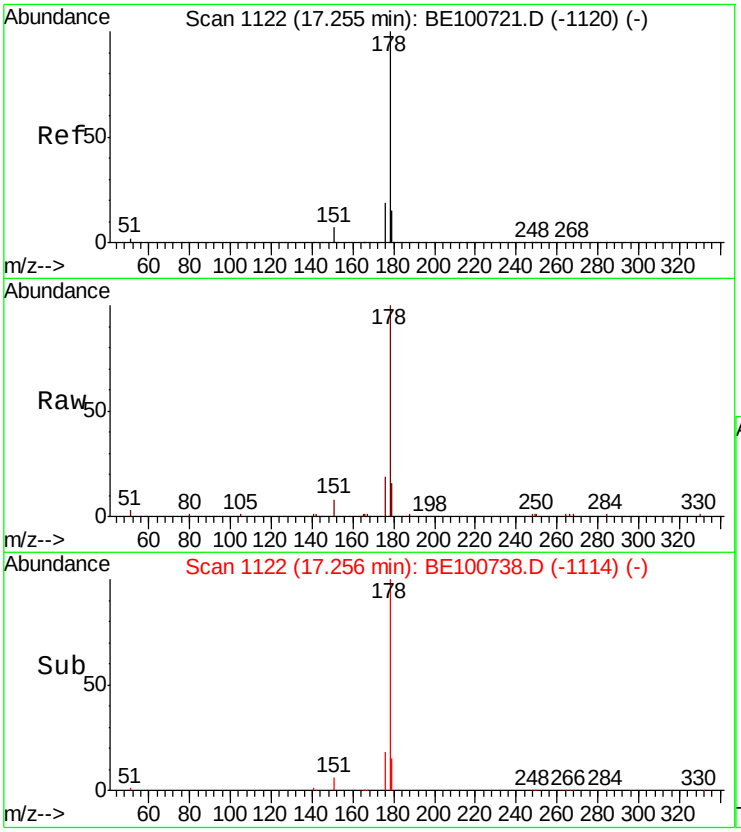


#23
Phenanthrene
Concen: 0.689 ng
RT: 17.18 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:178 Resp: 28221

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.3	12.6	18.8



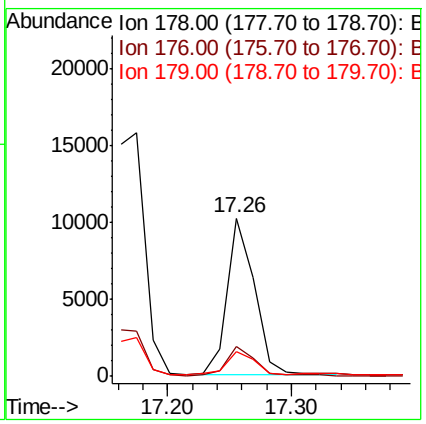


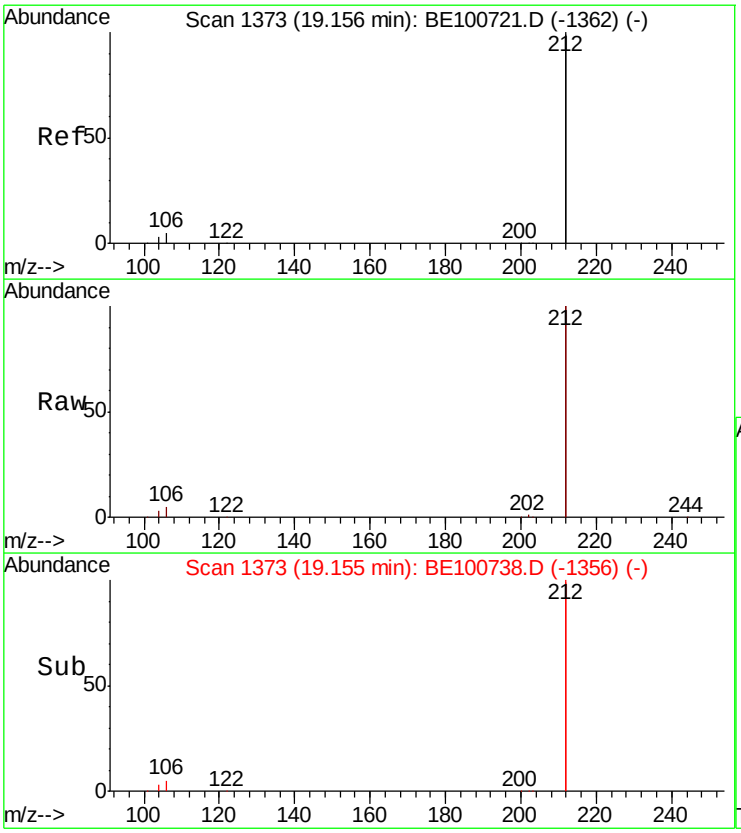
#24
Anthracene
Concen: 0.419 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:178 Resp: 15304

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.1	12.6	18.8

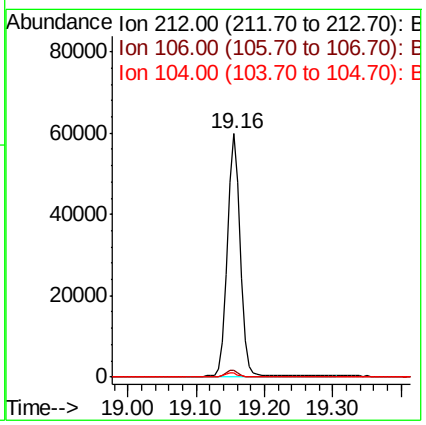


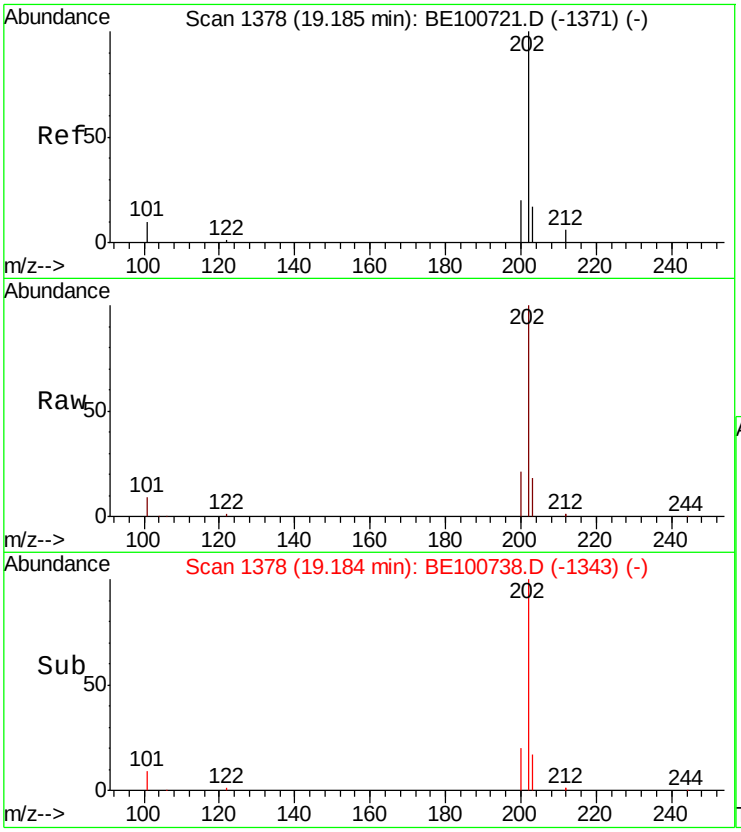


#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:212 Resp: 78873

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.4
104	1.5	1.2	1.8



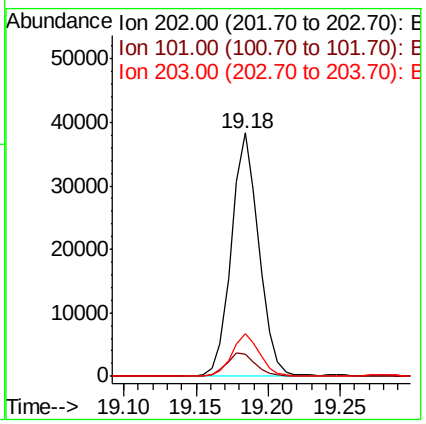


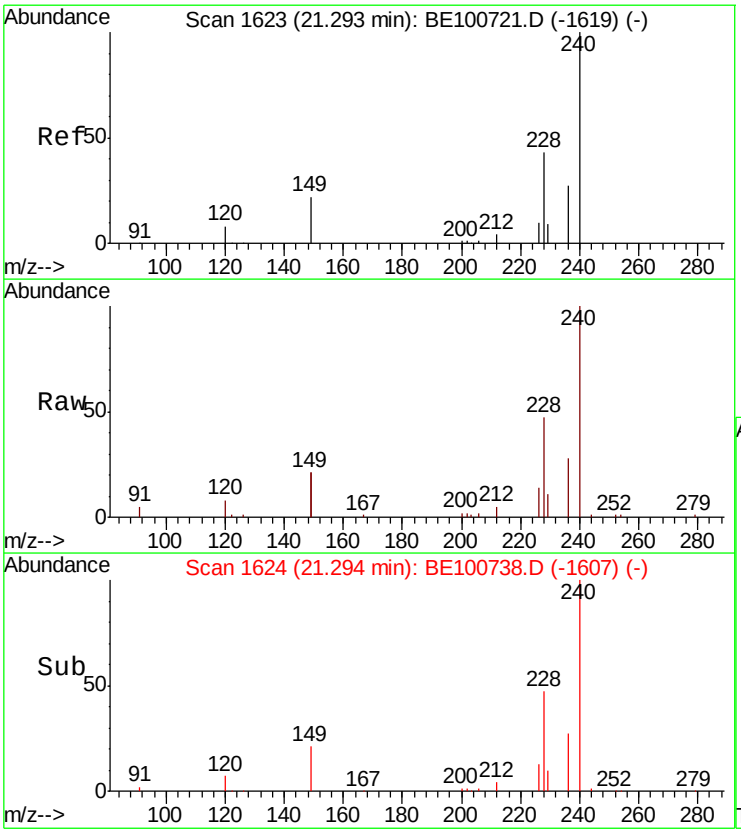
#26
Fluoranthene
Concen: 0.922 ng
RT: 19.18 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:202 Resp: 50428

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.6	12.8
203	17.2	13.6	20.4

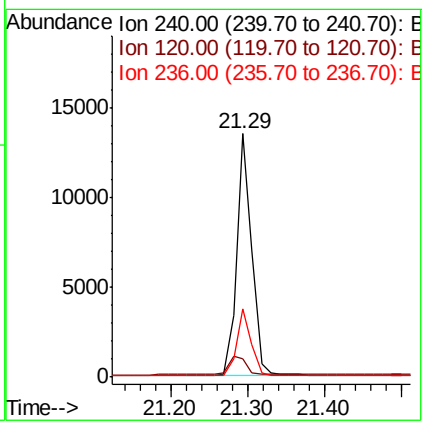


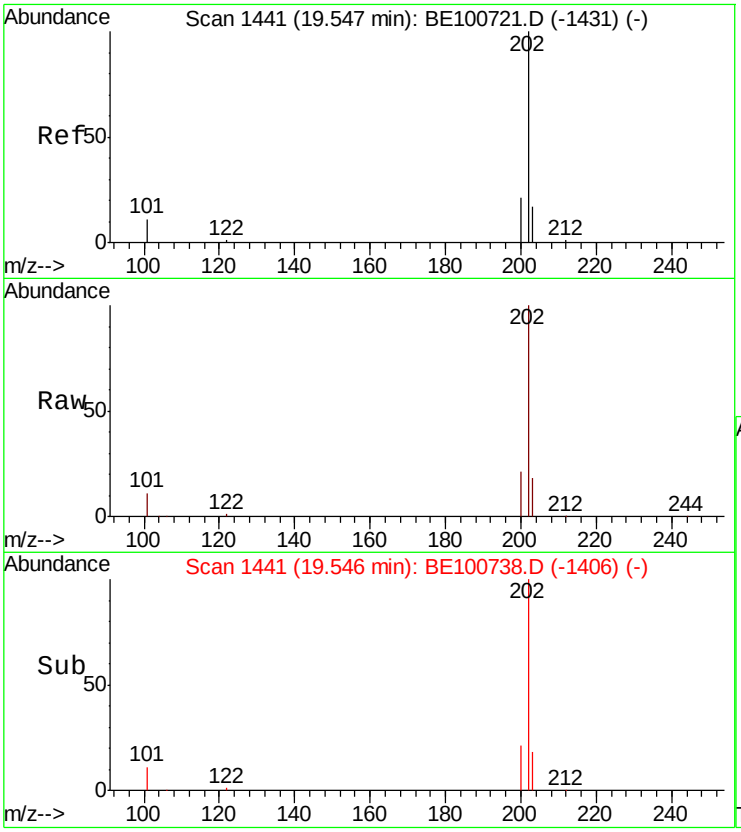


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:240 Resp: 18240

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.4	11.0
236	27.9	21.8	32.6



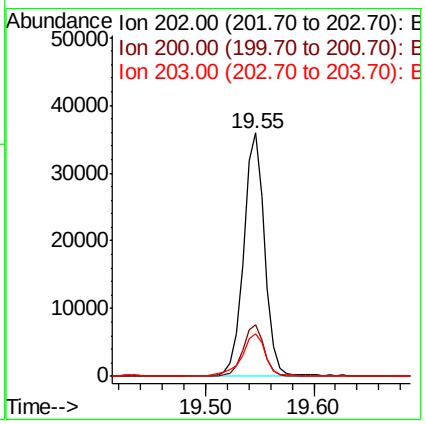


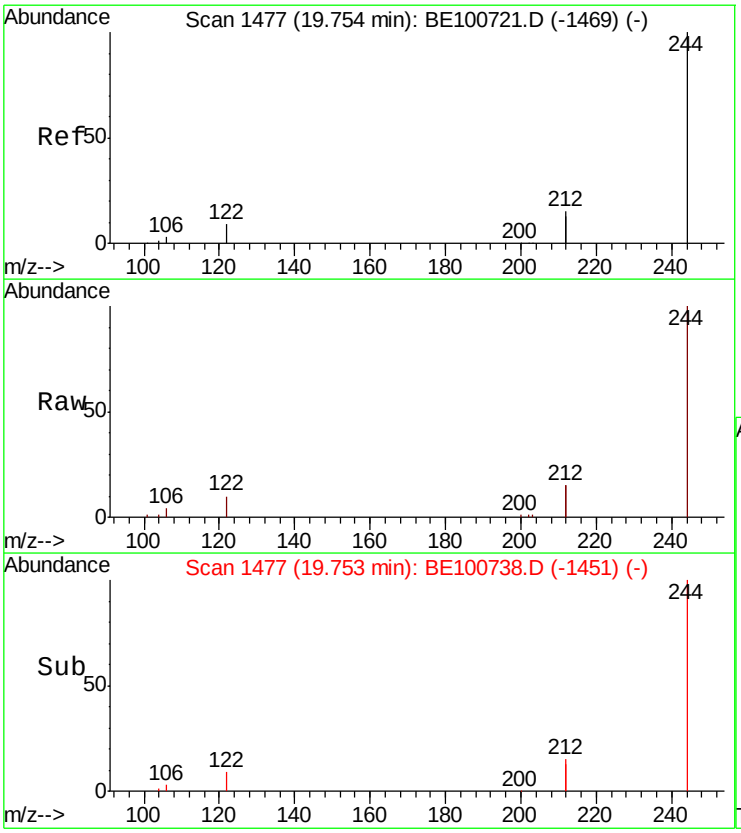
#28
Pyrene
Concen: 0.945 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:202 Resp: 47896

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	19.3	14.0	21.0

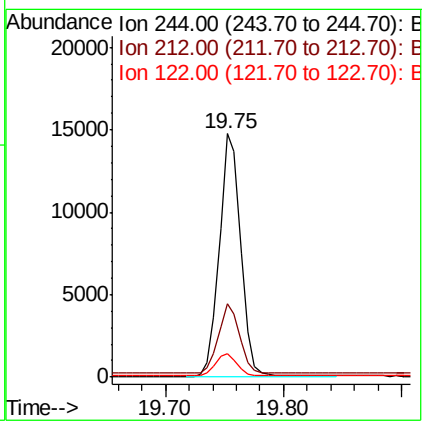


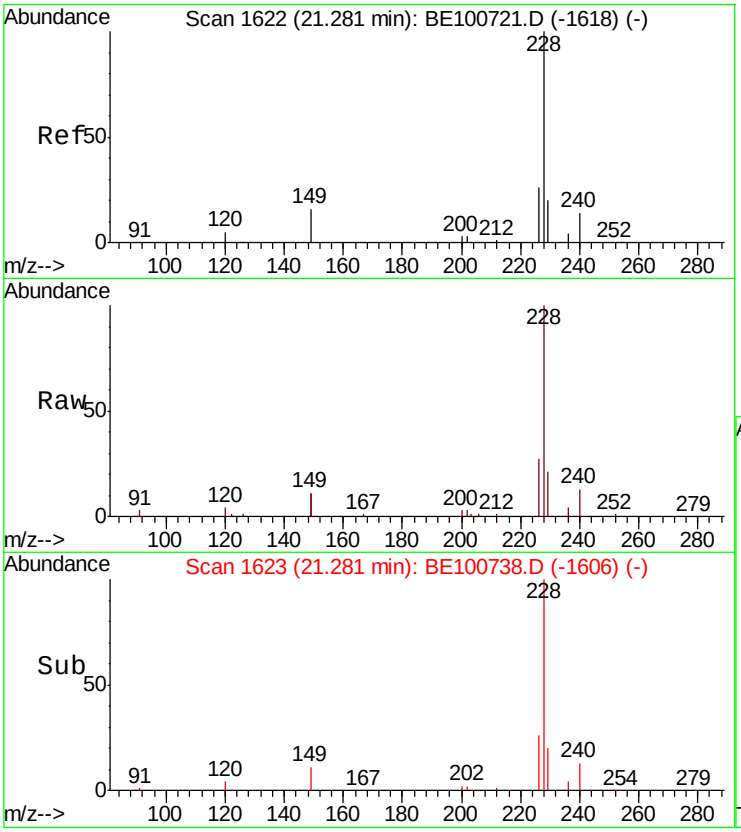


#29
Terphenyl-d14
Concen: 0.422 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:244 Resp: 18367

Ion	Ratio	Lower	Upper
244	100		
212	30.1	24.3	36.5
122	9.7	7.6	11.4



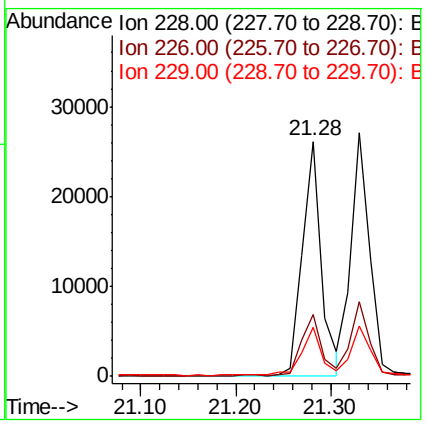


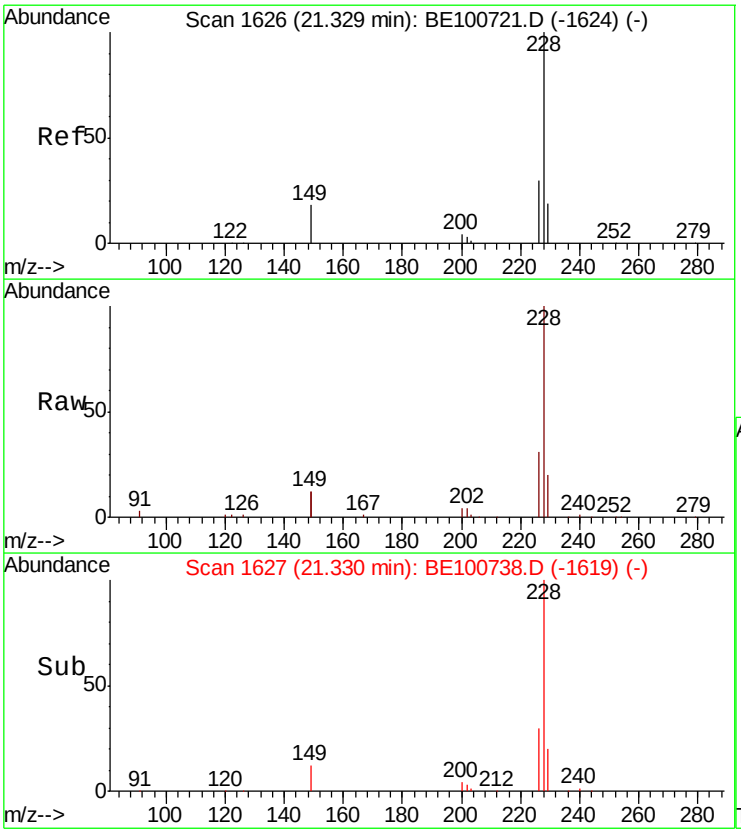
#30
Benzo(a)anthracene
Concen: 0.614 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:228 Resp: 35949

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.1	31.7
229	20.8	15.9	23.9

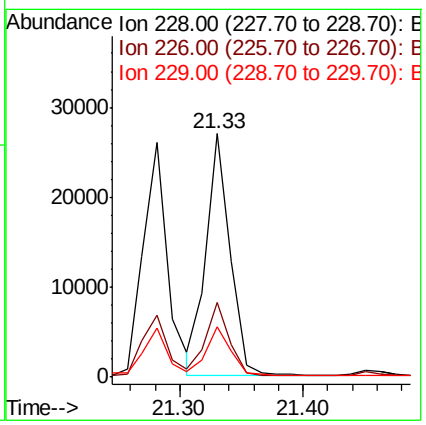


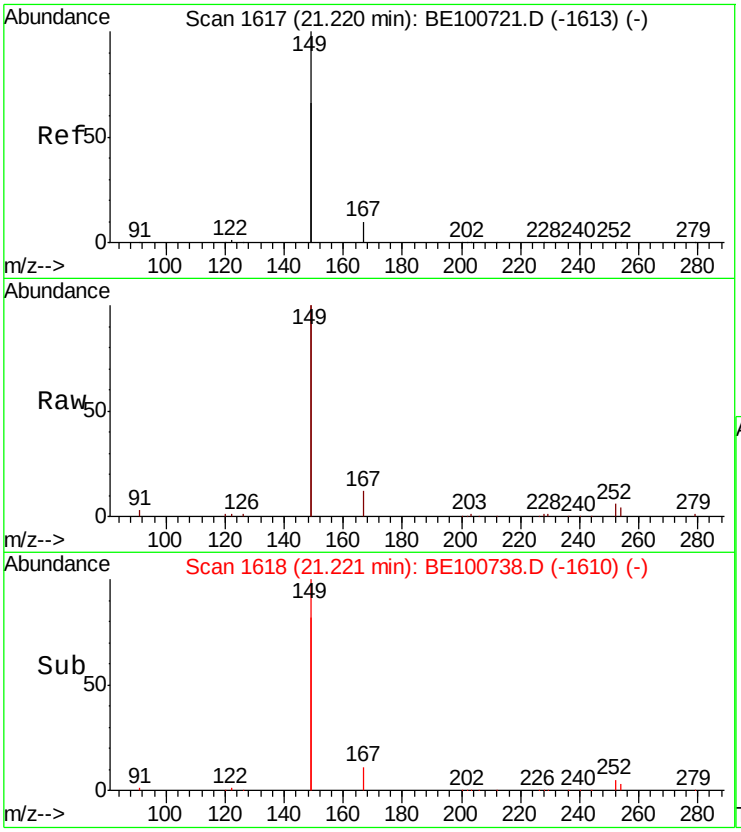


#31
Chrysene
Concen: 0.613 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:228 Resp: 36408

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	20.5	15.5	23.3



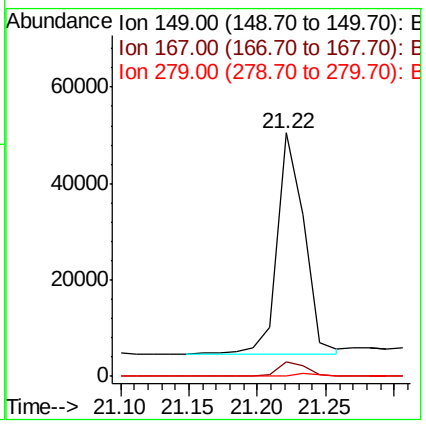


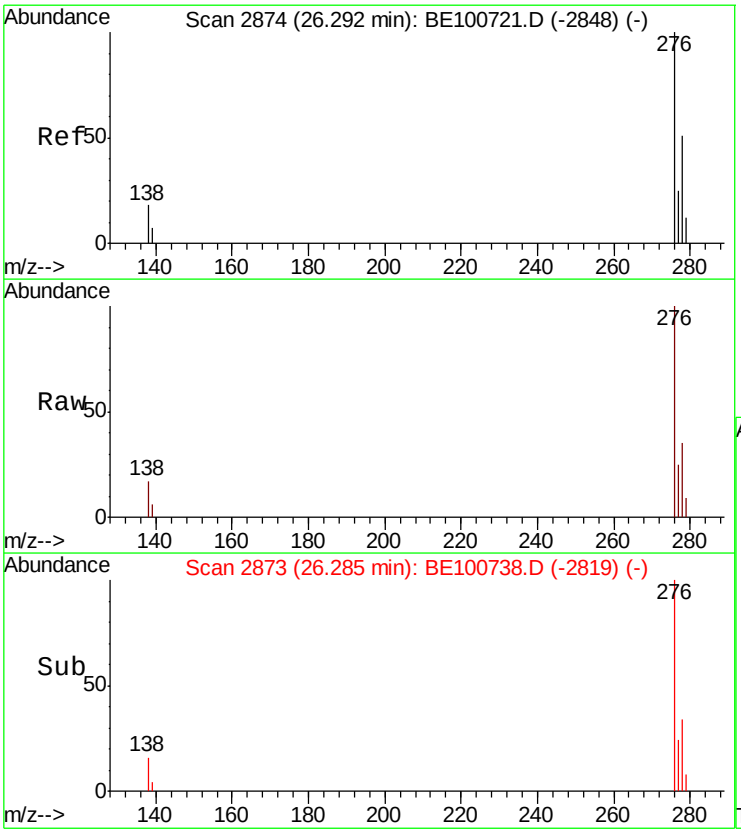
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.594 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:149 Resp: 61689

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.1	0.9	1.3

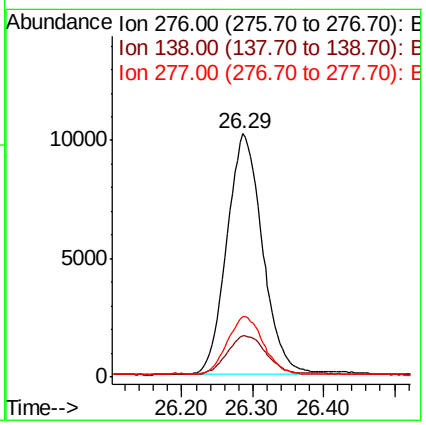


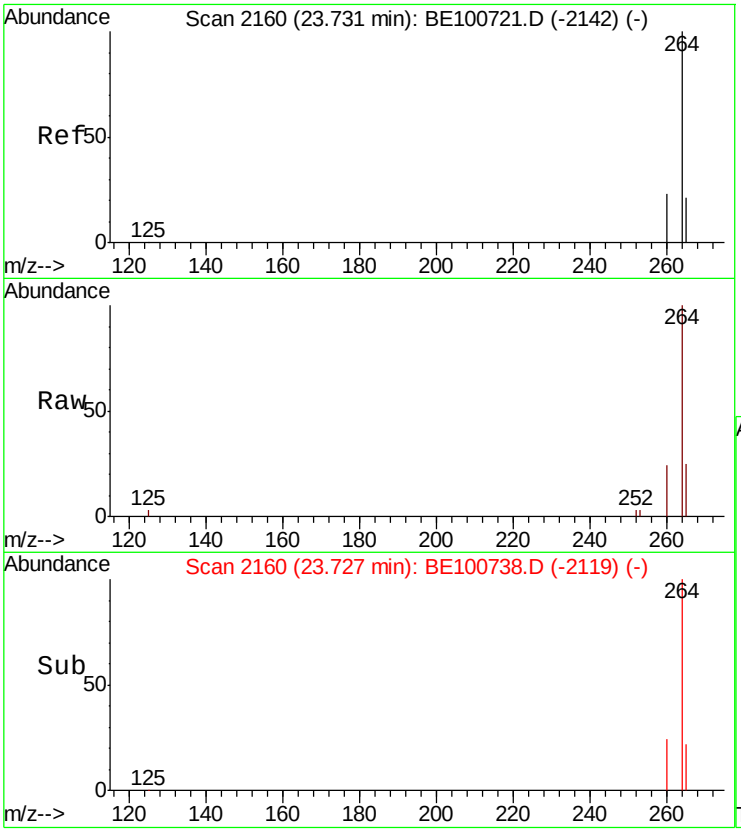


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.511 ng
RT: 26.29 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:276 Resp: 35594

Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.8	22.2
277	24.4	19.6	29.4



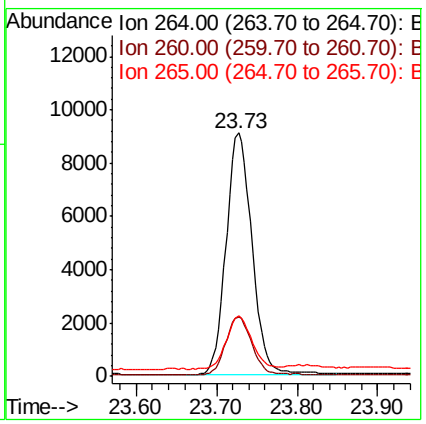


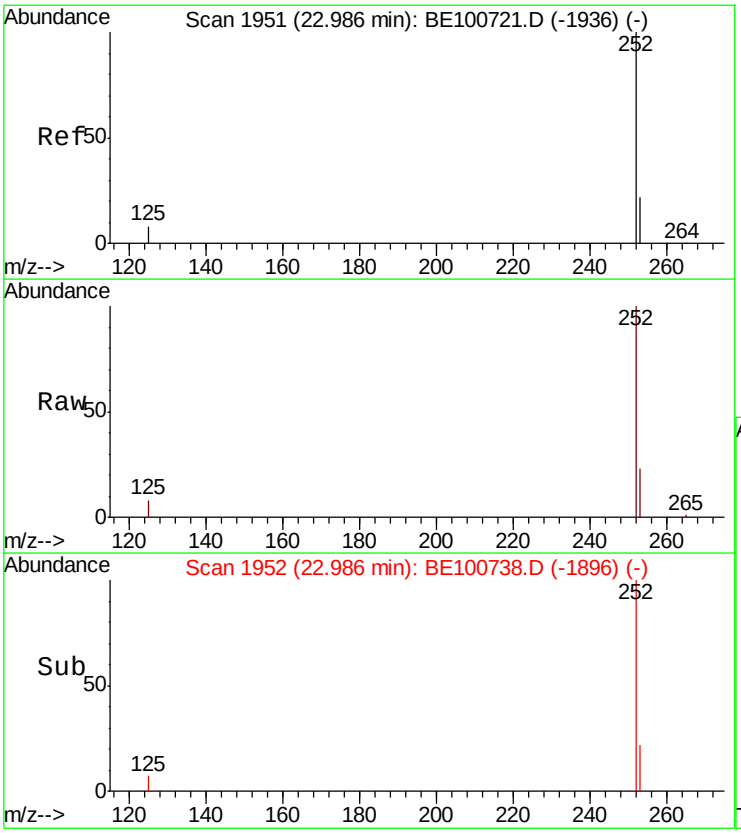
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:264 Resp: 20161

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	24.7	19.7	29.5

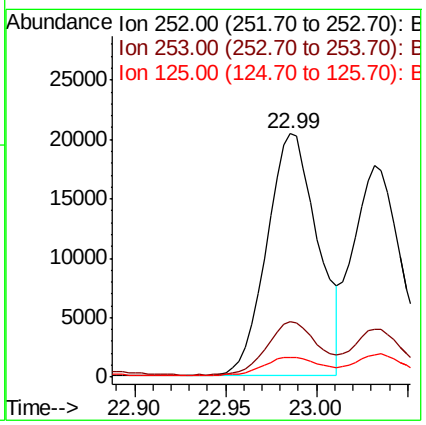


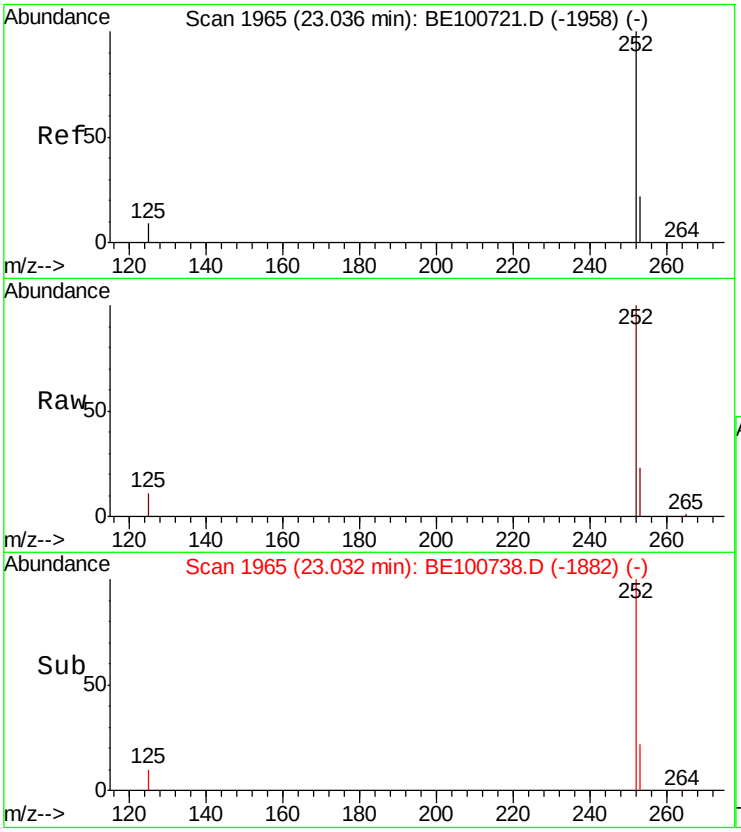


#35
Benzo(b)fluoranthene
Concen: 0.671 ng
RT: 22.99 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:252 Resp: 39486

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	8.2	7.0	10.4



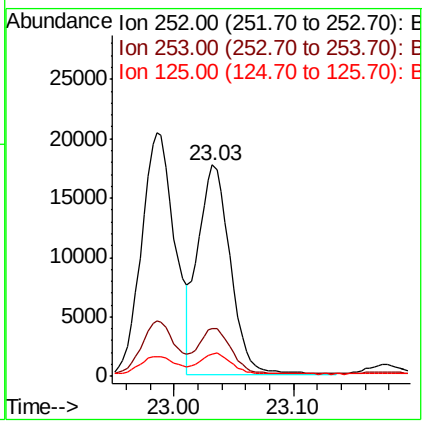


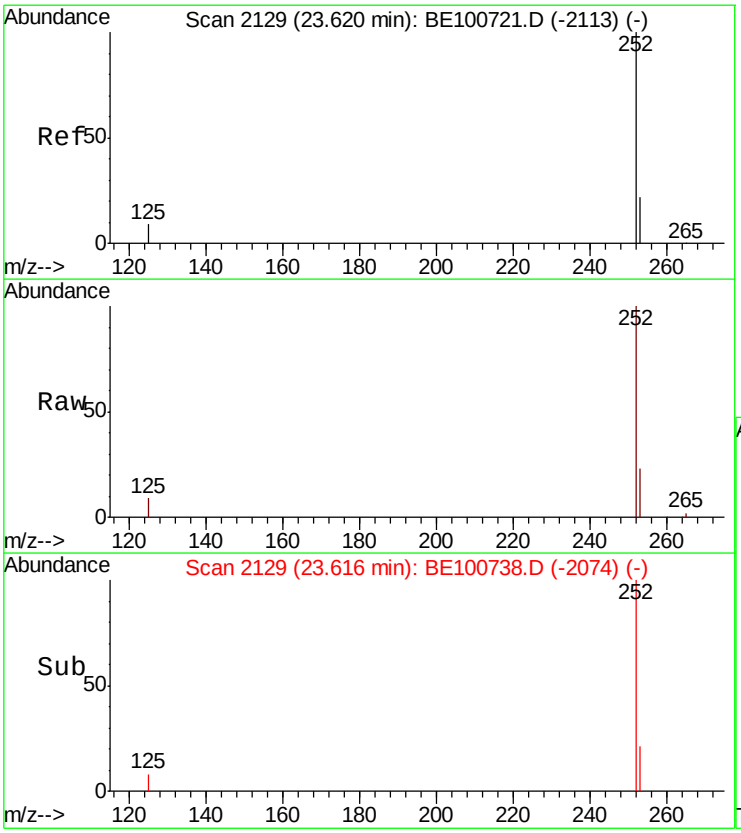
#36
Benzo(k)fluoranthene
Concen: 0.540 ng
RT: 23.03 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:252 Resp: 33310

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	10.8	7.6	11.4

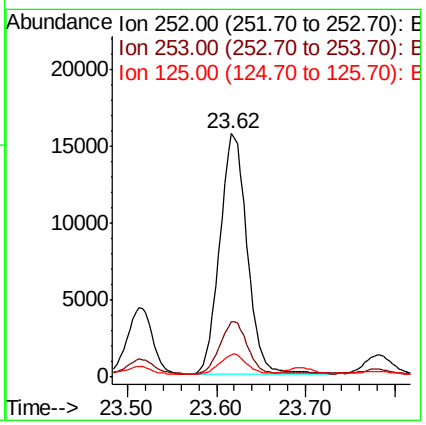


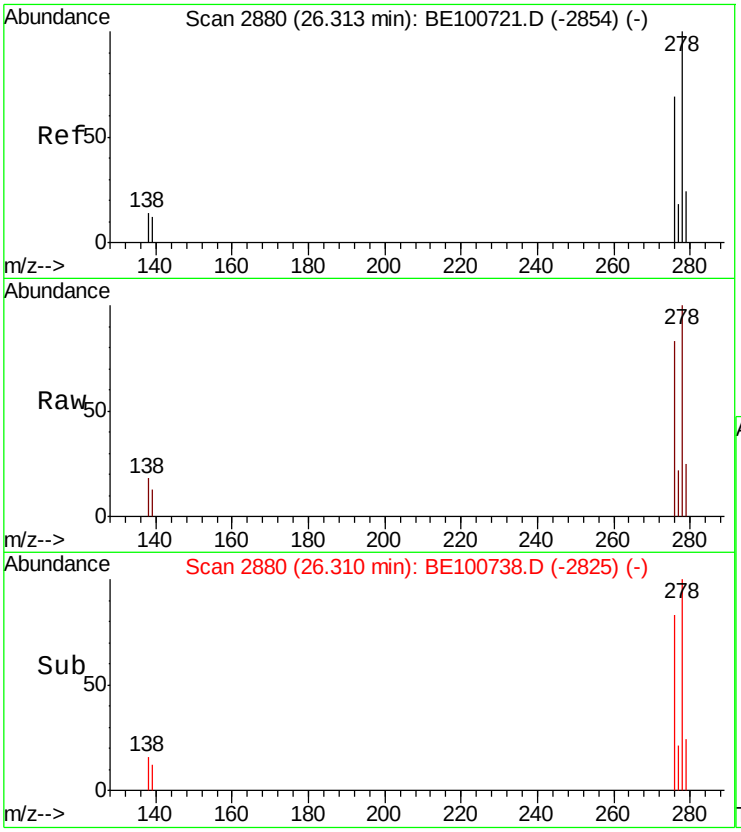


#37
Benzo(a)pyrene
Concen: 0.618 ng
RT: 23.62 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:252 Resp: 33898

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	9.1	7.9	11.9



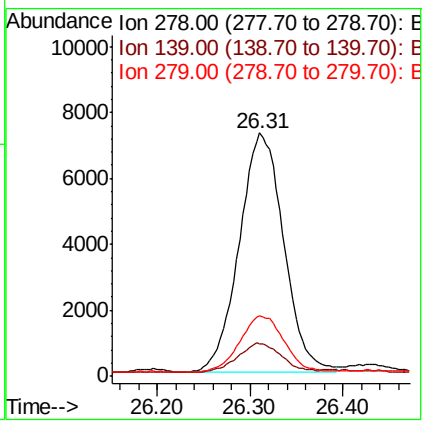


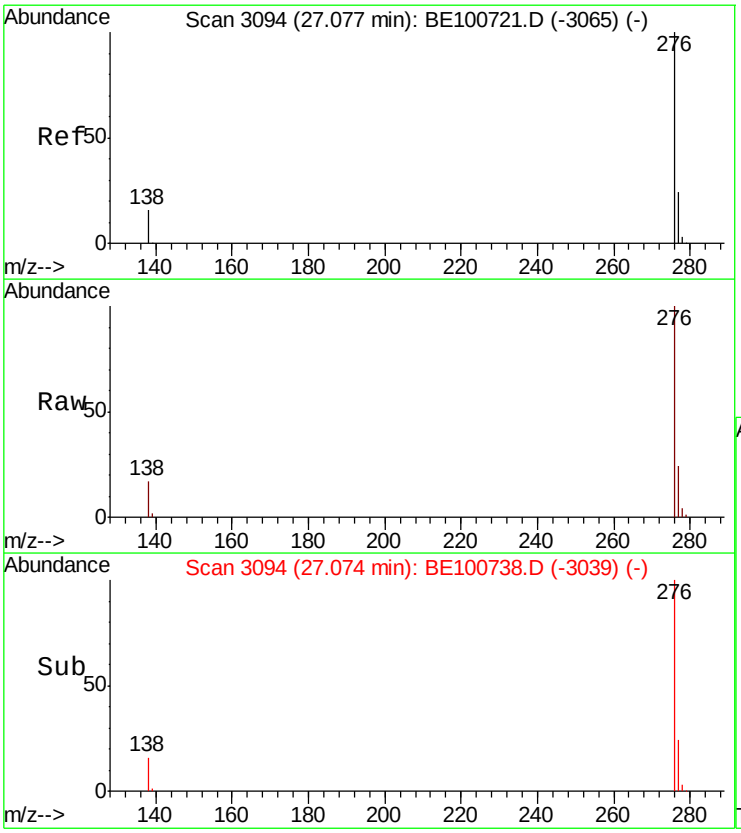
#38
Dibenzo(a,h)anthracene
Concen: 0.422 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Instrument :
BNA_E
ClientSampleId :
PST-024-SW129-110619-1MS

Tgt Ion:278 Resp: 24143

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.3	15.5
279	24.9	20.6	31.0





#39
Benzo(g,h,i)perylene
Concen: 0.578 ng
RT: 27.07 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BE100738.D
Acq: 15 Nov 2019 15:40

Tgt Ion:276 Resp: 32427

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.6
138	17.4	13.6	20.4