Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101019\
Data File : BE100629.D
Acq On : 10 Oct 2019 12:51
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Oct 10 14:07:02 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 12:09:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	6050	0.40	ng		0.00
7) Naphthalene-d8	10.64	136	25921	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	16990	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	39453	0.40	ng		0.00
27) Chrysene-d12	21.37	240	48559	0.40	ng		0.00
34) Perylene-d12	23.85	264	53089	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	61177	3.75	ng		0.00
5) Phenol-d6	7.01	99	88357	4.31	ng		0.00
8) Nitrobenzene-d5	8.99	82	56396	3.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	138426	3.57	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	17188	4.43	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	203283	3.30	ng		0.00
25) Fluoranthene-d10	19.23	212	1688459	3.47	ng		0.00
29) Terphenyl-d14	19.83	244	374379	3.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	33114	3.250	ng	#	100
3) n-Nitrosodimethylamine	3.68	42	38294	7.986	ng	#	95
6) bis(2-Chloroethyl)ether	7.28	93	73374	3.860	ng		100
9) Naphthalene	10.69	128	896830	3.354	ng		100
10) Hexachlorobutadiene	10.99	225	38659	4.482	ng		98
12) 2-Methylnaphthalene	12.31	142	157238	3.580	ng		99
16) Acenaphthylene	14.20	152	249941	3.463	ng		100
17) Acenaphthene	14.54	154	157987	3.270	ng		97
18) Fluorene	15.51	166	212502	3.441	ng		100
20) 4-Bromophenyl-phenylether	16.40	248	66937	3.427	ng	#	65
21) Hexachlorobenzene	16.52	284	63054	3.836	ng		98
22) Pentachlorophenol	16.85	266	23315	5.131	ng		99
23) Phenanthrene	17.24	178	354370	3.157	ng		99
24) Anthracene	17.34	178	343662	3.558	ng		100
26) Fluoranthene	19.25	202	470453	3.403	ng		100
28) Pyrene	19.62	202	473575	3.804	ng		99
30) Benzo(a)anthracene	21.35	228	525388	3.870	ng		99
31) Chrysene	21.40	228	530019	3.649	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	1003354	3.870	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.46	276	623473	3.646	ng		100
35) Benzo(b)fluoranthene	23.09	252	527479	3.667	ng		99
36) Benzo(k)fluoranthene	23.14	252	561309	3.433	ng		99
37) Benzo(a)pyrene	23.74	252	499134	3.780	ng		98
38) Dibenzo(a,h)anthracene	26.50	278	519073	3.737	ng		99
39) Benzo(g,h,i)perylene	27.27	276	504653	3.587	ng		98

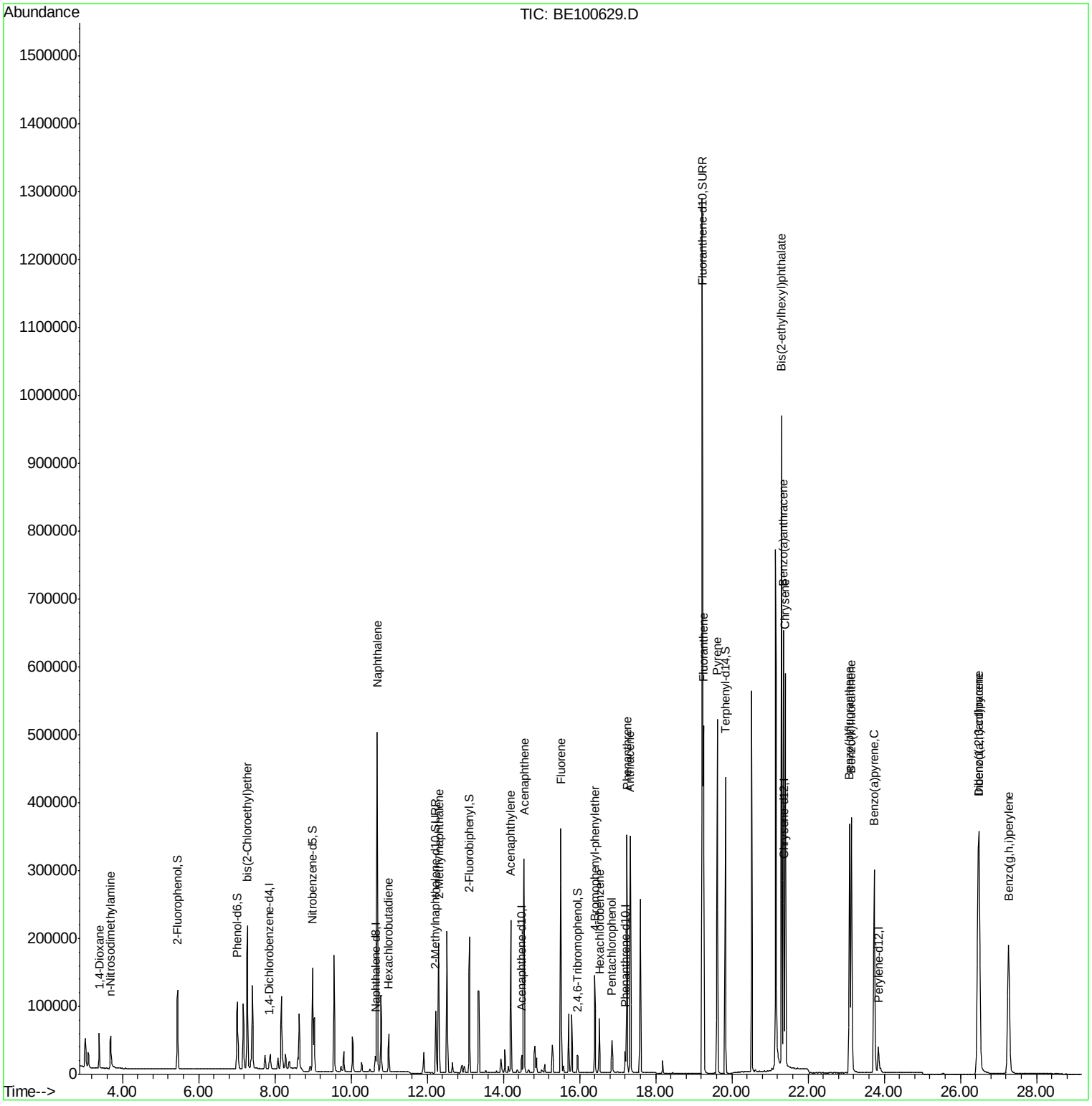
(#) = qualifier out of range (m) = manual integration (+) = signals summed

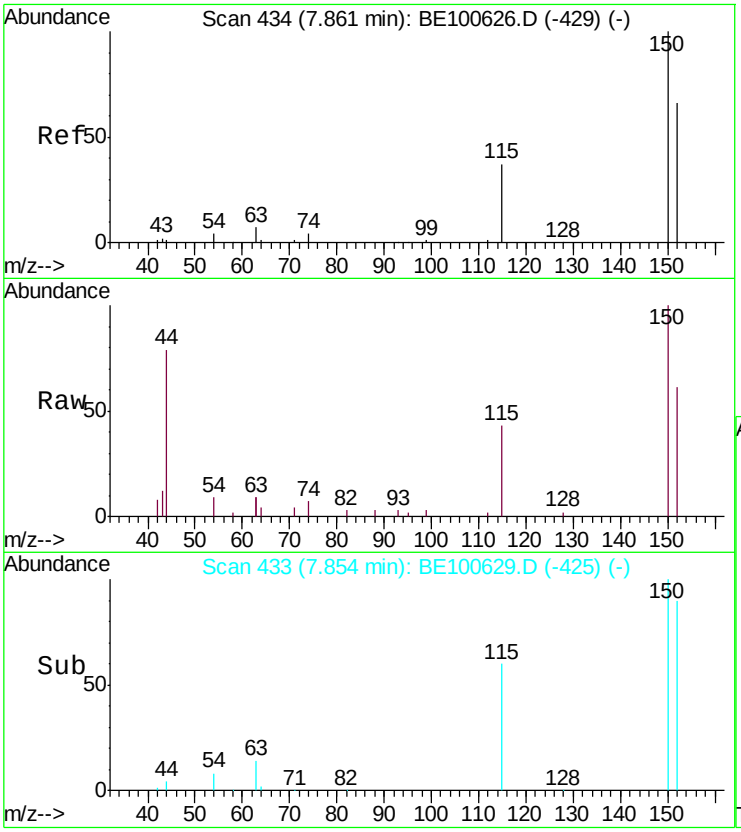
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101019\
Data File : BE100629.D
Acq On : 10 Oct 2019 12:51
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 10 14:07:02 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 12:09:50 2019
Response via : Initial Calibration



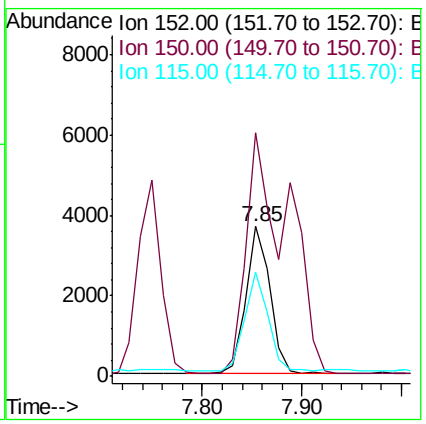


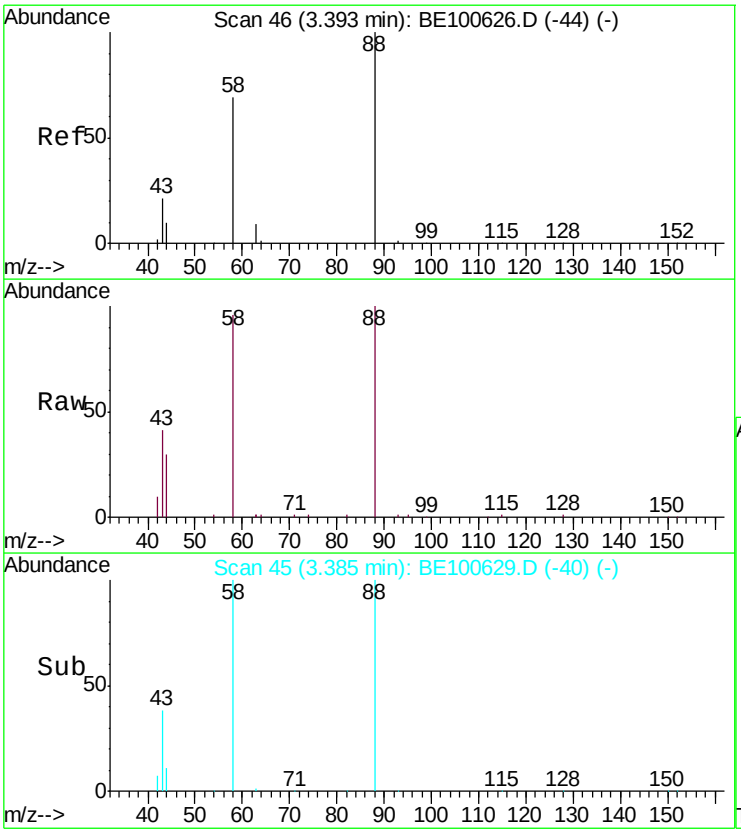
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 6050

Ion	Ratio	Lower	Upper
152	100		
150	162.6	120.7	181.1
115	69.7	48.0	72.0

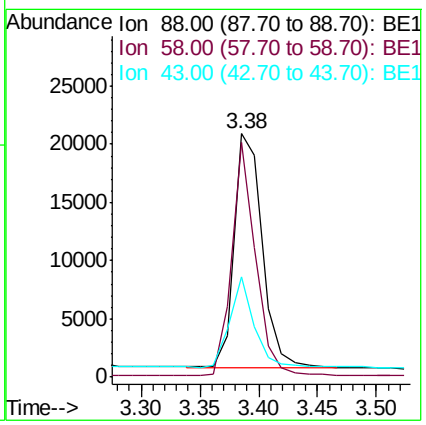


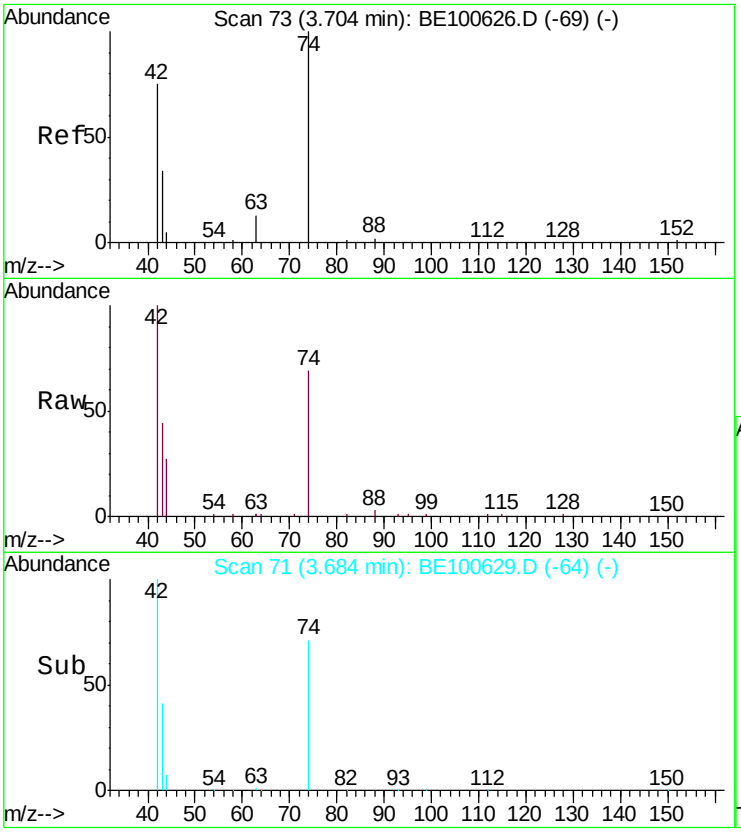


#2
1,4-Dioxane
Concen: 3.250 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.01 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 88 Resp: 33114

Ion	Ratio	Lower	Upper
88	100		
58	85.7	0.0	0.0#
43	33.2	0.0	0.0#



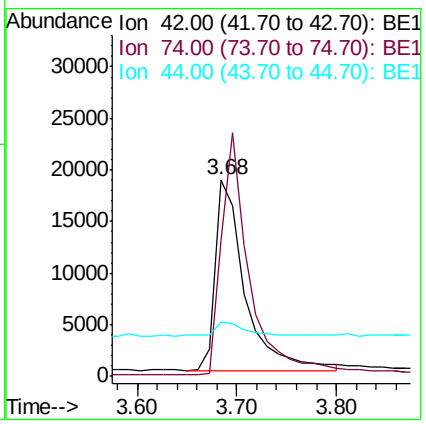


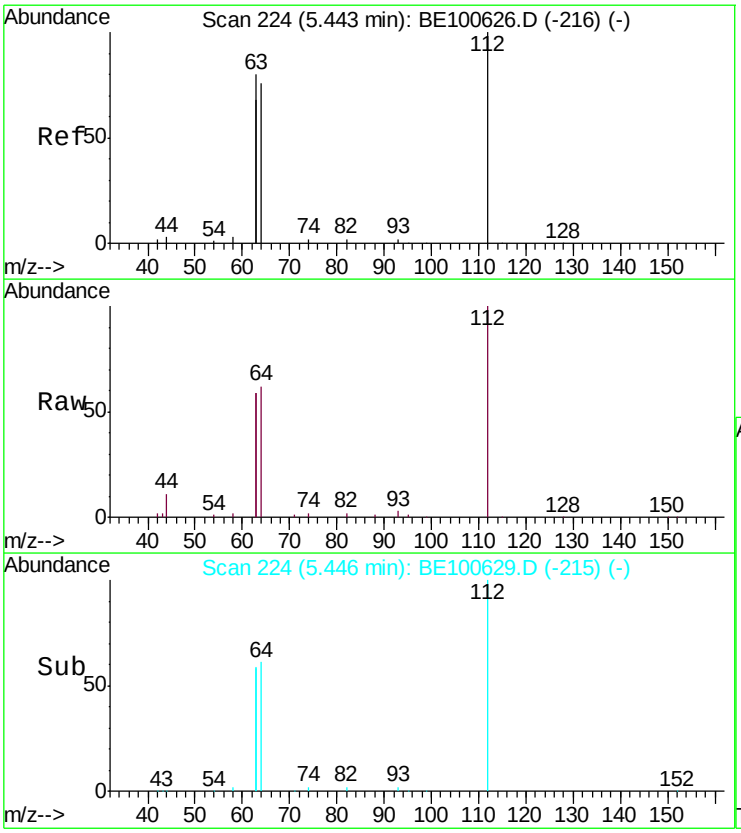
#3
n-Nitrosodimethylamine
Concen: 7.986 ng
RT: 3.68 min Scan# 71
Delta R.T. -0.02 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 38294

Ion	Ratio	Lower	Upper
42	100		
74	119.4	91.7	137.5
44	7.7	8.2	12.2#

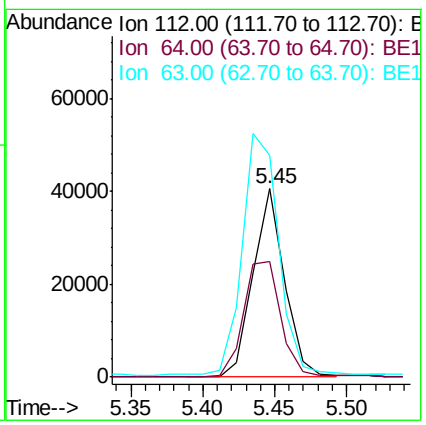


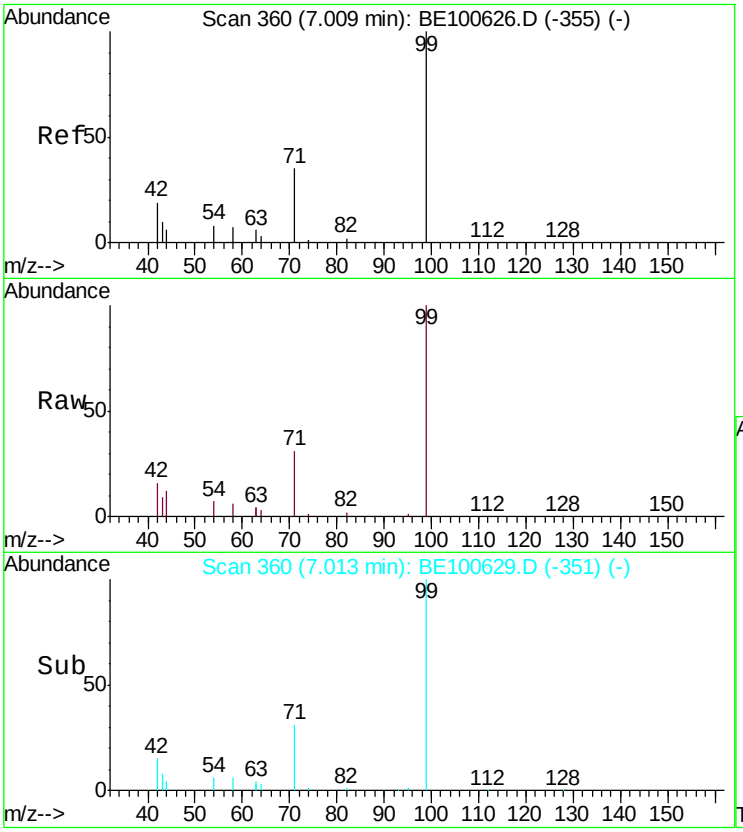


#4
2-Fluorophenol
Concen: 3.747 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:112 Resp: 61177

Ion	Ratio	Lower	Upper
112	100		
64	72.6	58.9	88.3
63	147.4	118.3	177.5



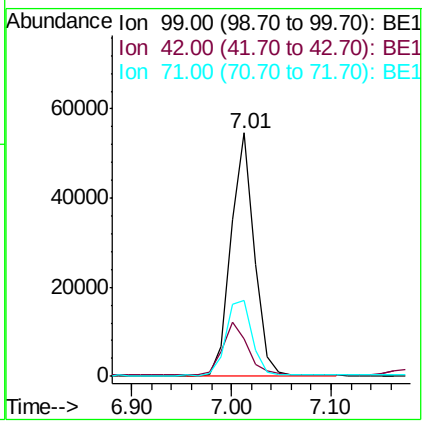


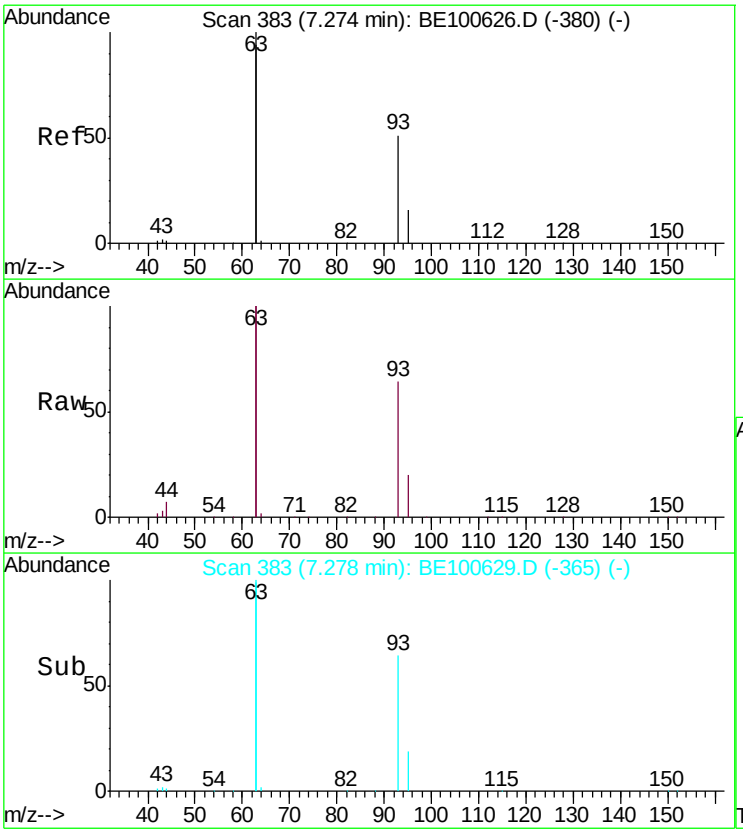
#5
Phenol-d6
Concen: 4.306 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 88357

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.4	29.2
71	34.9	26.9	40.3

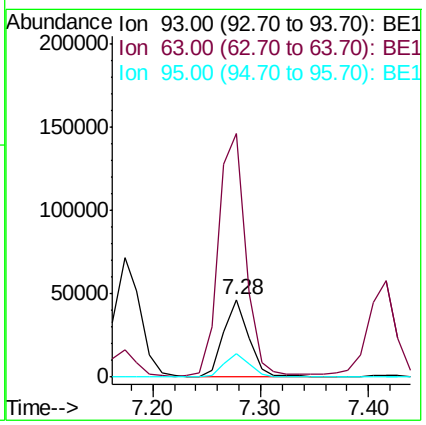


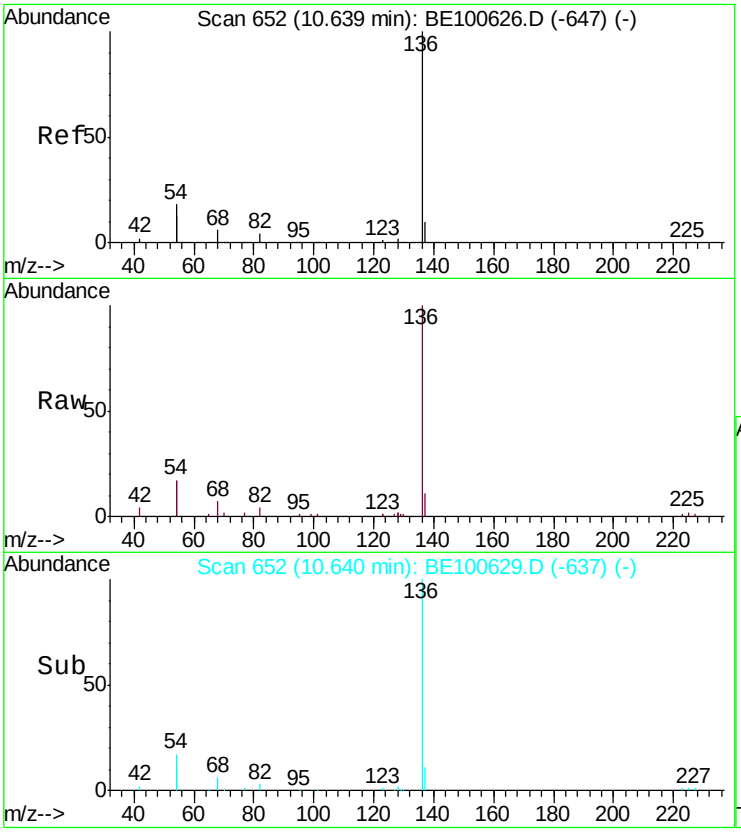


#6
bis(2-Chloroethyl)ether
Concen: 3.860 ng
RT: 7.28 min Scan# 383
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 93 Resp: 73374

Ion	Ratio	Lower	Upper
93	100		
63	346.6	277.4	416.0
95	31.1	24.7	37.1



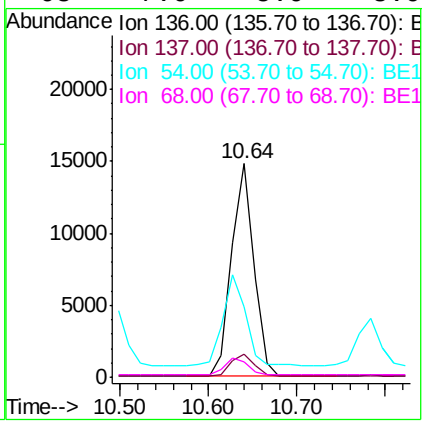


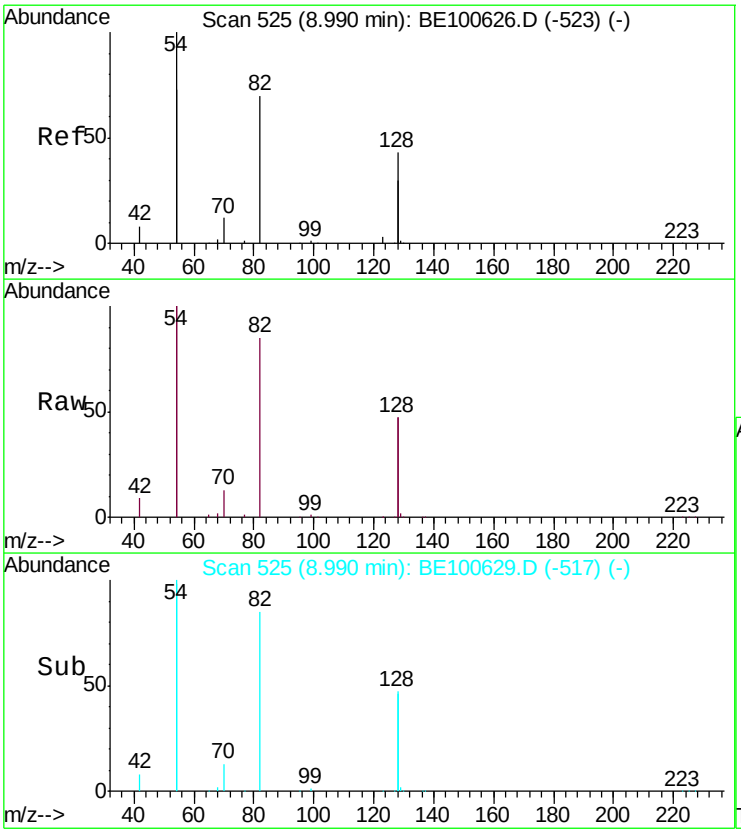
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 25921

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	33.2	28.7	43.1
68	7.0	5.9	8.9

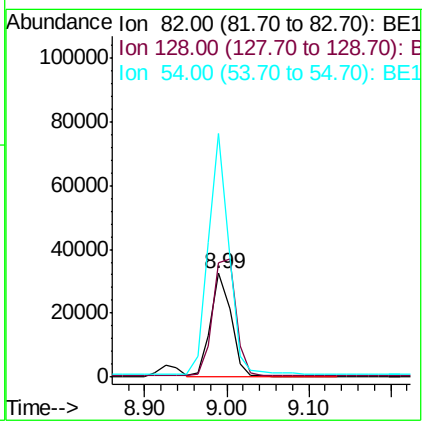


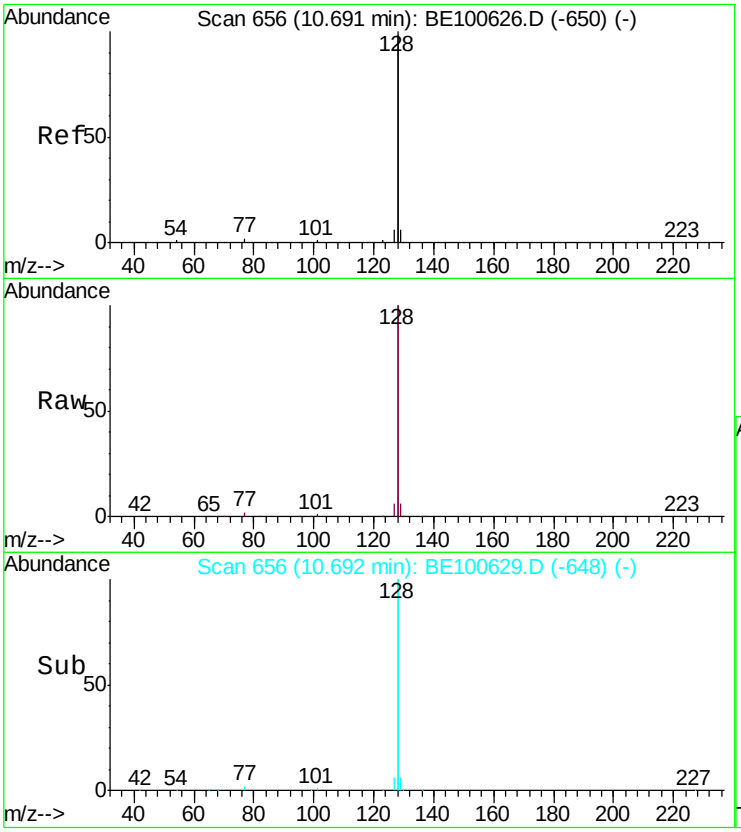


#8
Nitrobenzene-d5
Concen: 3.485 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion: 82 Resp: 56396

Ion	Ratio	Lower	Upper
82	100		
128	109.8	90.7	136.1
54	234.3	210.9	316.3



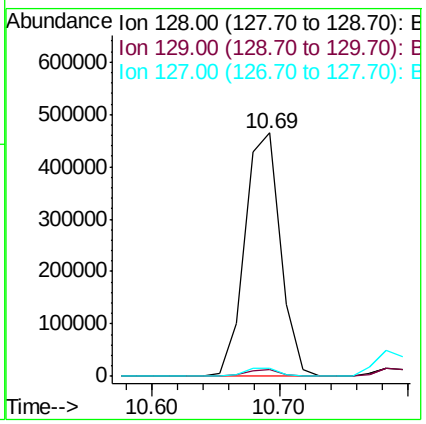


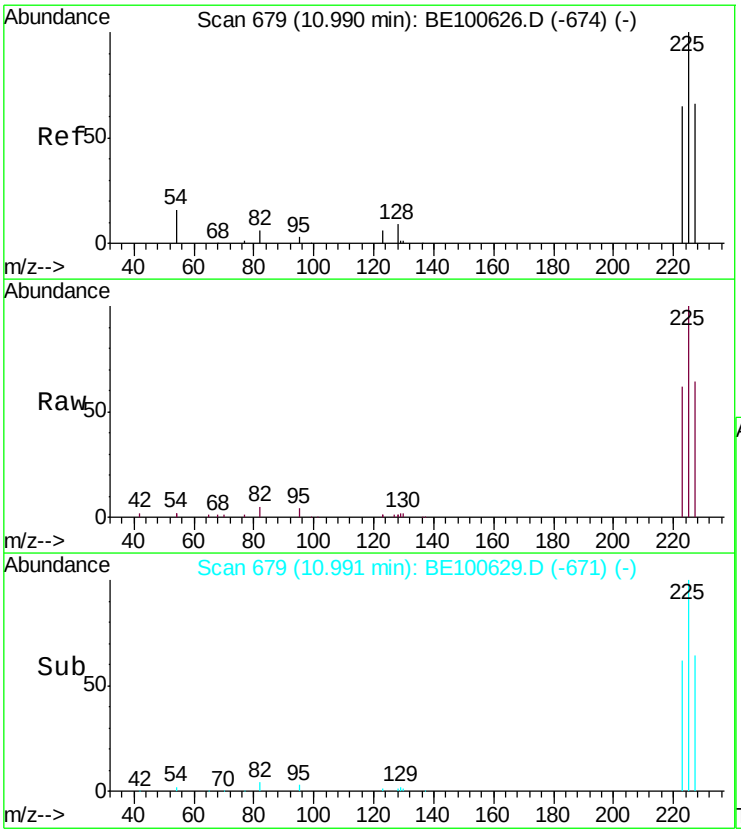
#9
Naphthalene
Concen: 3.354 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 896830

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.4	3.6
127	3.2	2.6	3.8

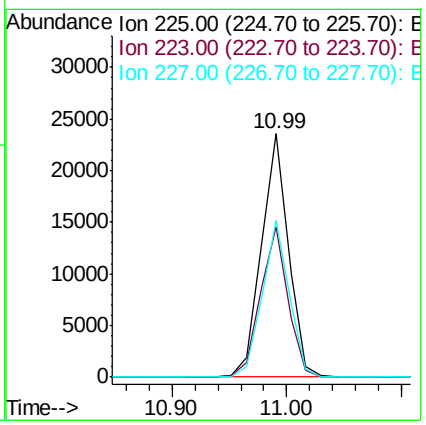


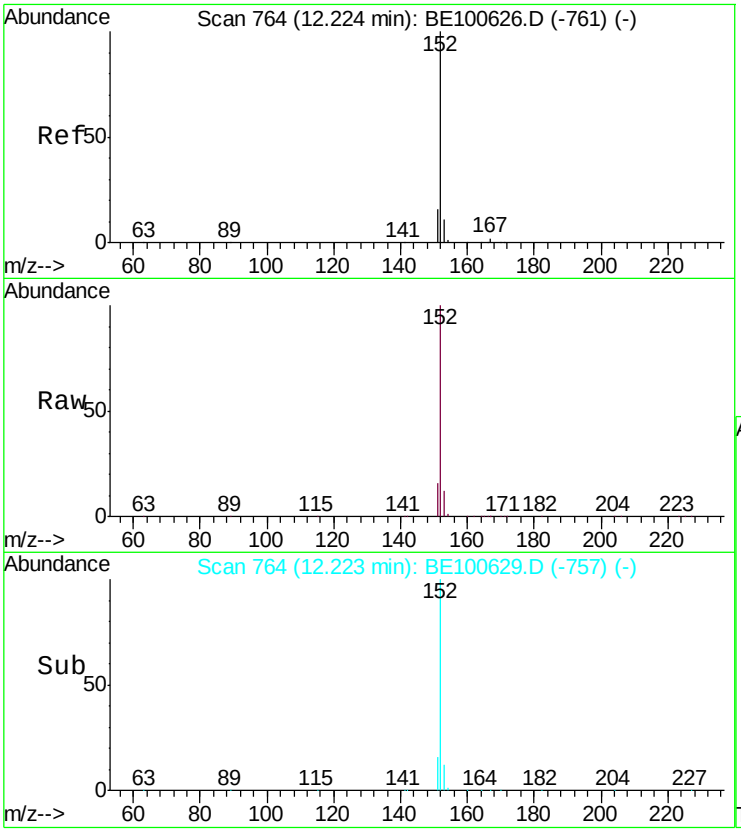


#10
Hexachlorobutadiene
Concen: 4.482 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:225 Resp: 38659

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.2	76.8
227	63.8	51.8	77.8



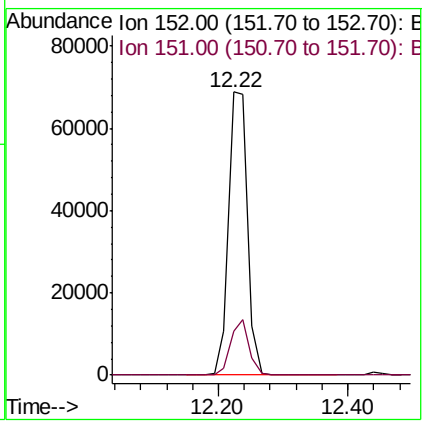


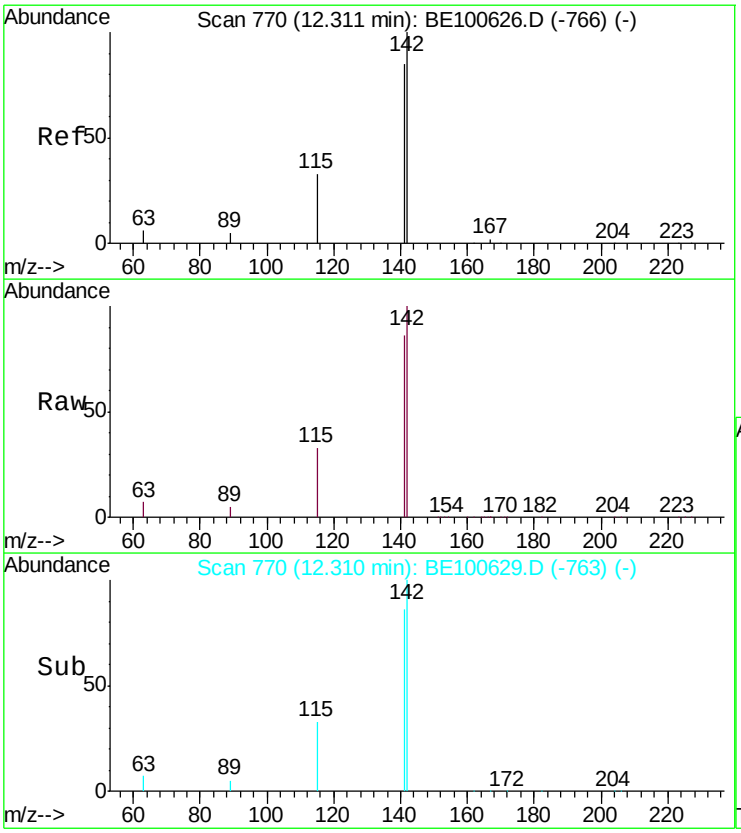
#11
2-Methylnaphthalene-d10
Concen: 3.568 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 138426

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8

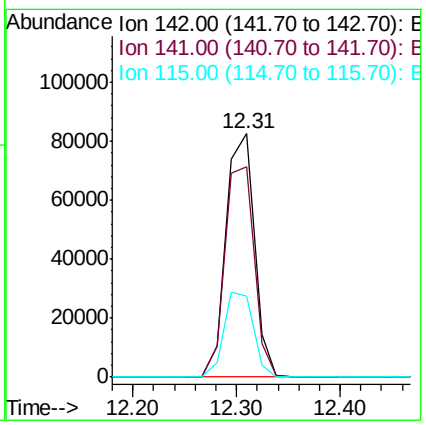


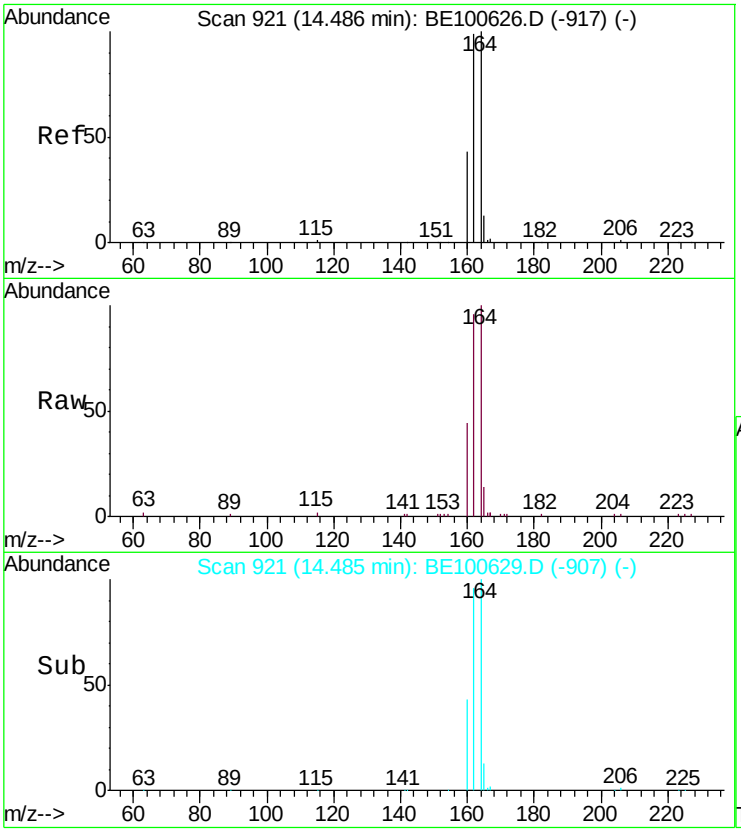


#12
2-Methylnaphthalene
Concen: 3.580 ng
RT: 12.31 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:142 Resp: 157238

Ion	Ratio	Lower	Upper
142	100		
141	86.3	68.3	102.5
115	33.2	27.5	41.3



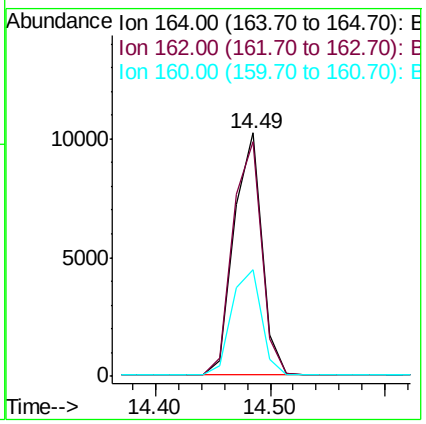


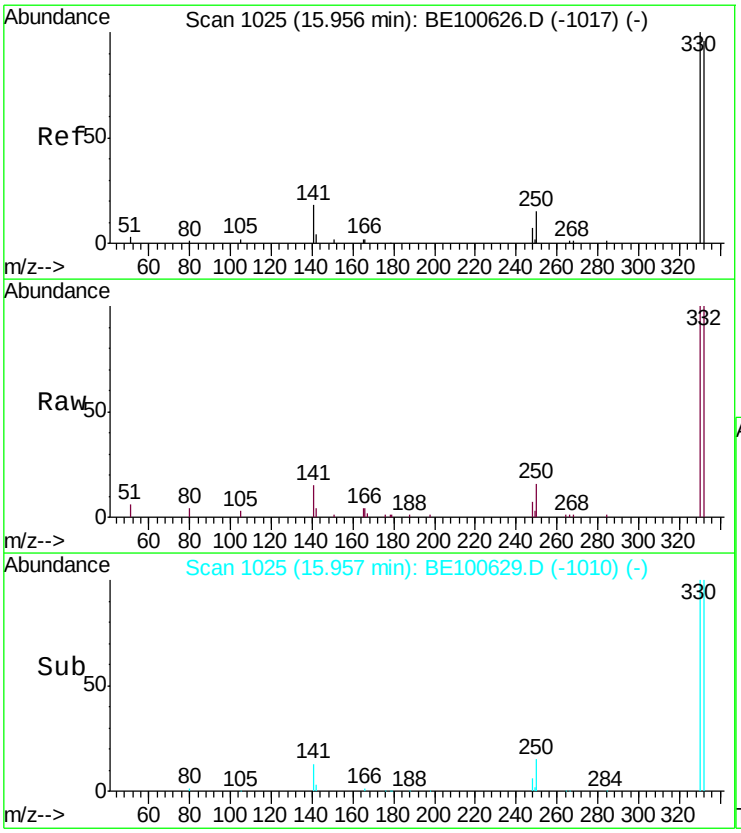
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 16990

Ion	Ratio	Lower	Upper
164	100		
162	96.3	79.1	118.7
160	43.6	34.7	52.1

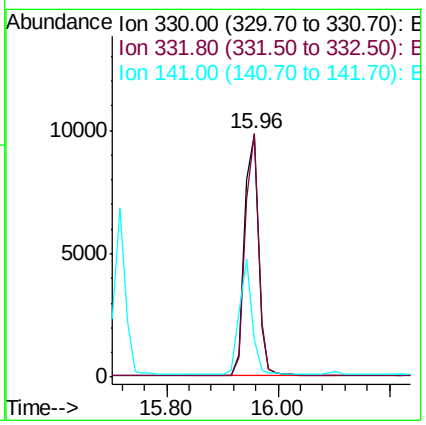


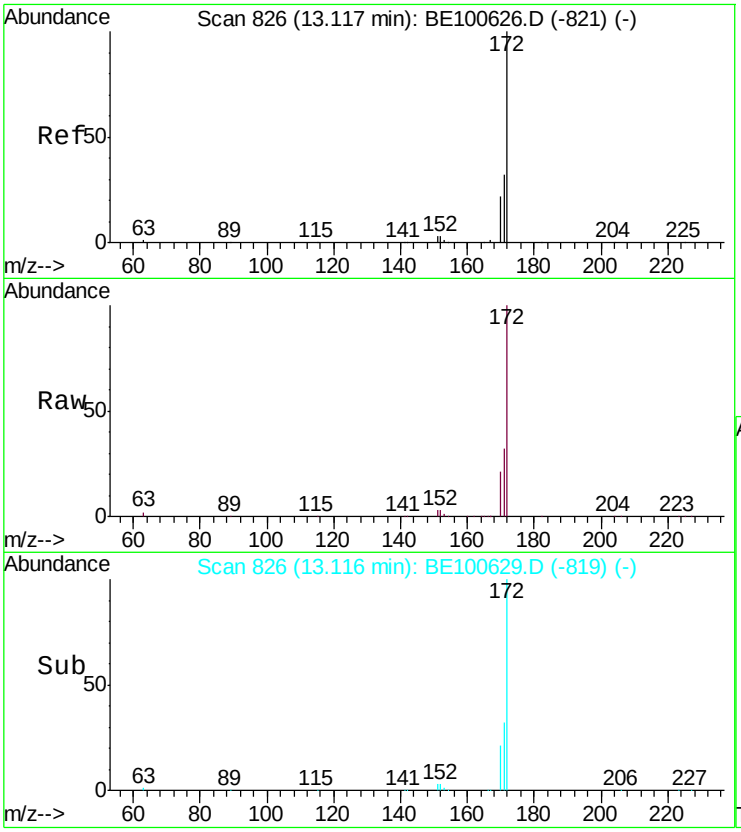


#14
2,4,6-Tribromophenol
Concen: 4.428 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:330 Resp: 17188

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.2	112.8
141	43.3	37.5	56.3



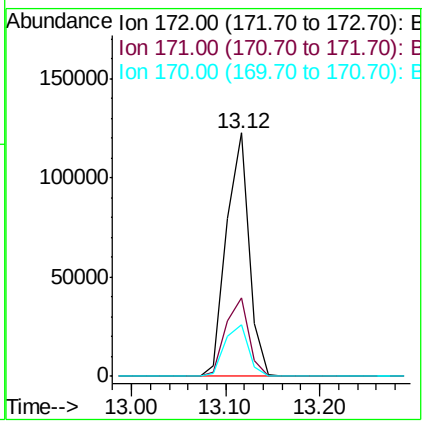


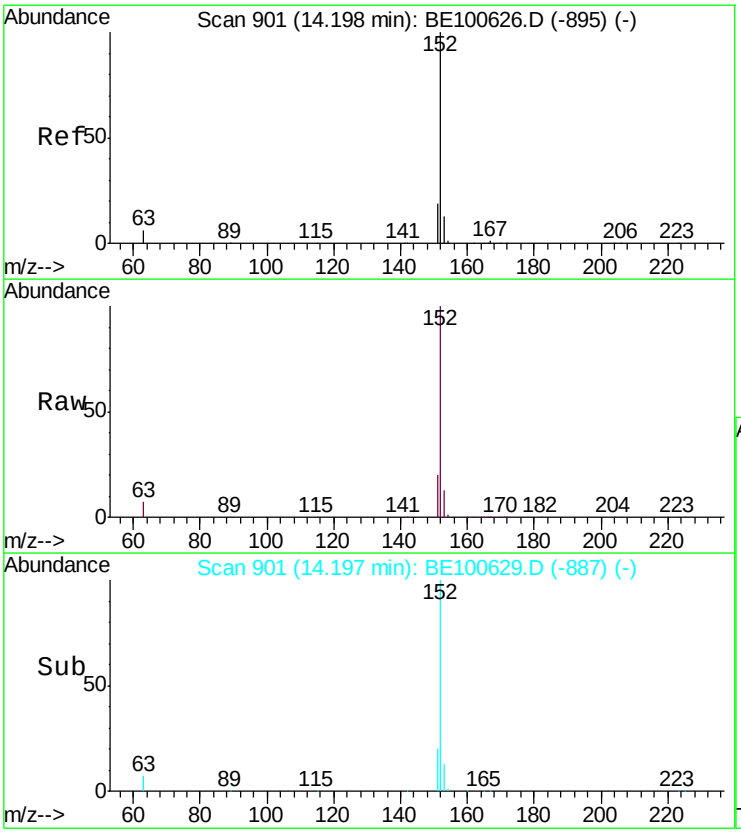
#15
2-Fluorobiphenyl
Concen: 3.299 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 203283

Ion	Ratio	Lower	Upper
172	100		
171	32.3	26.2	39.4
170	21.5	17.5	26.3

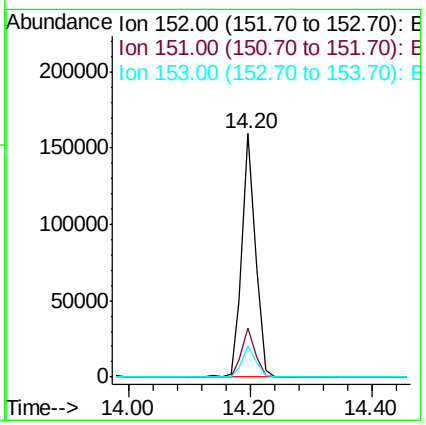


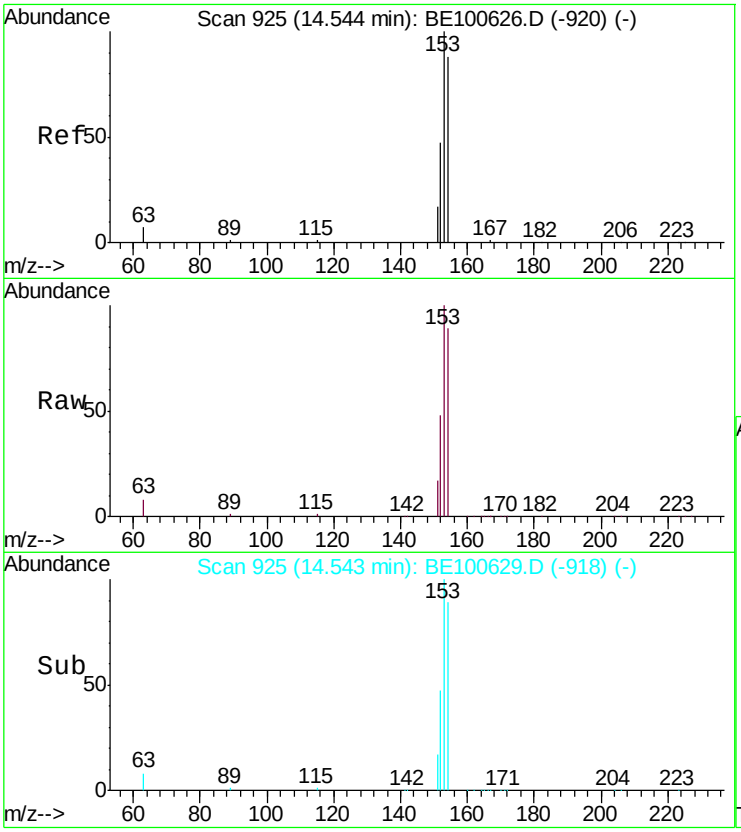


#16
Acenaphthylene
Concen: 3.463 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:152 Resp: 249941

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	12.9	10.5	15.7



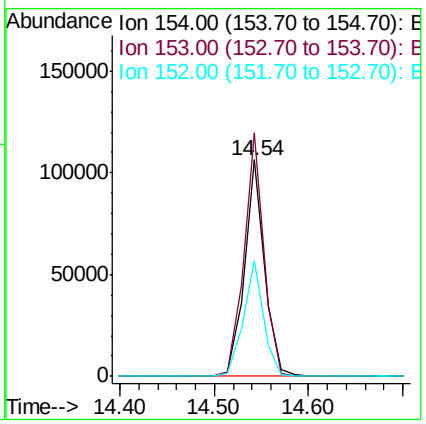


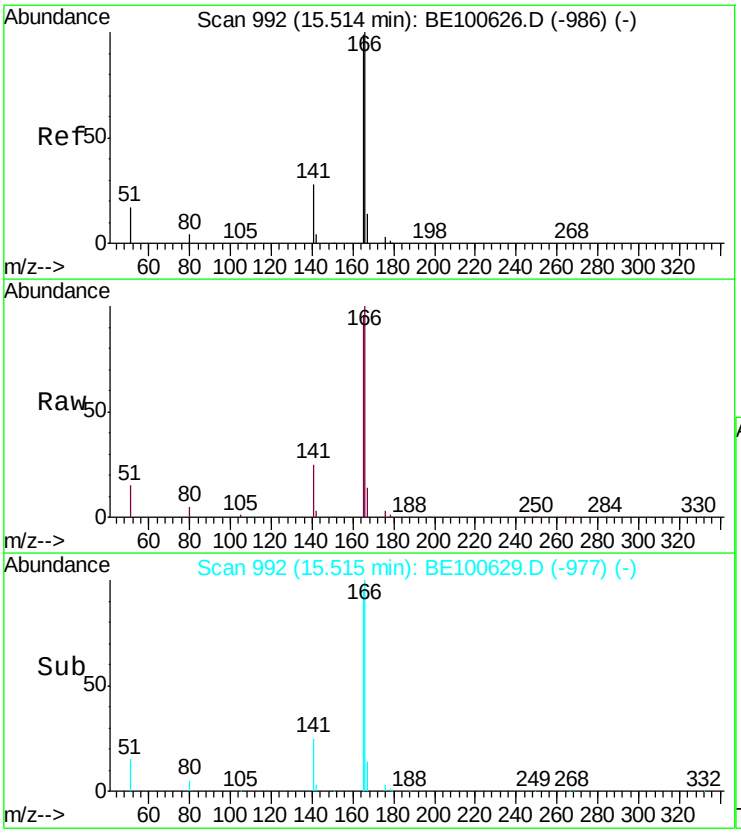
#17
Acenaphthene
Concen: 3.270 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 157987

Ion	Ratio	Lower	Upper
154	100		
153	111.0	91.4	137.2
152	53.7	44.0	66.0

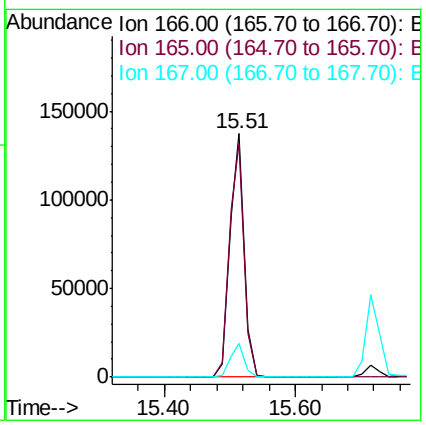


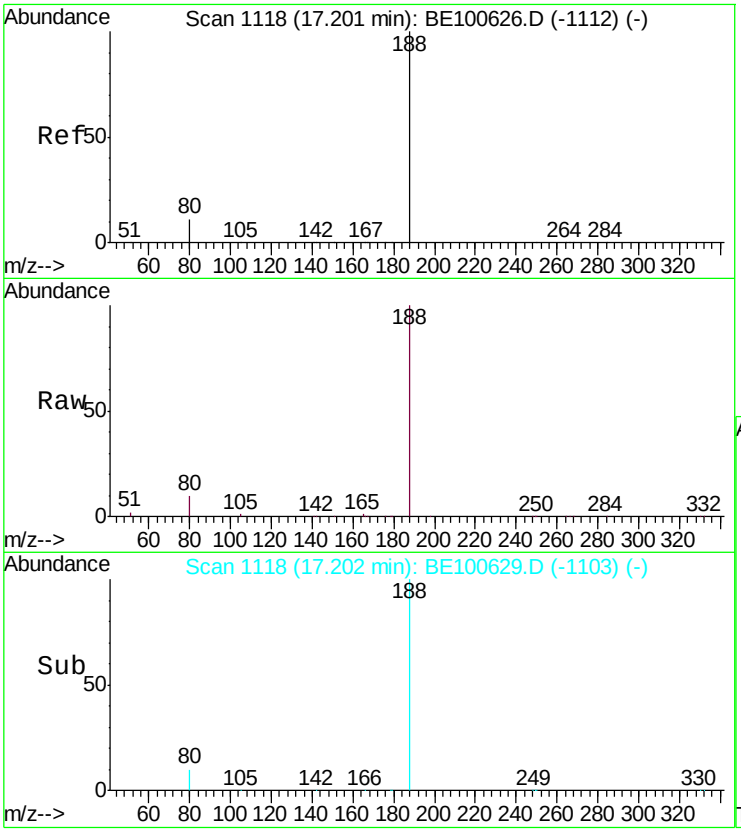


#18
Fluorene
Concen: 3.441 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:166 Resp: 212502

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.9	118.3
167	13.4	10.9	16.3



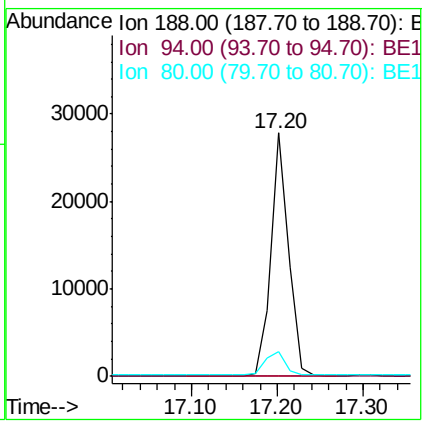


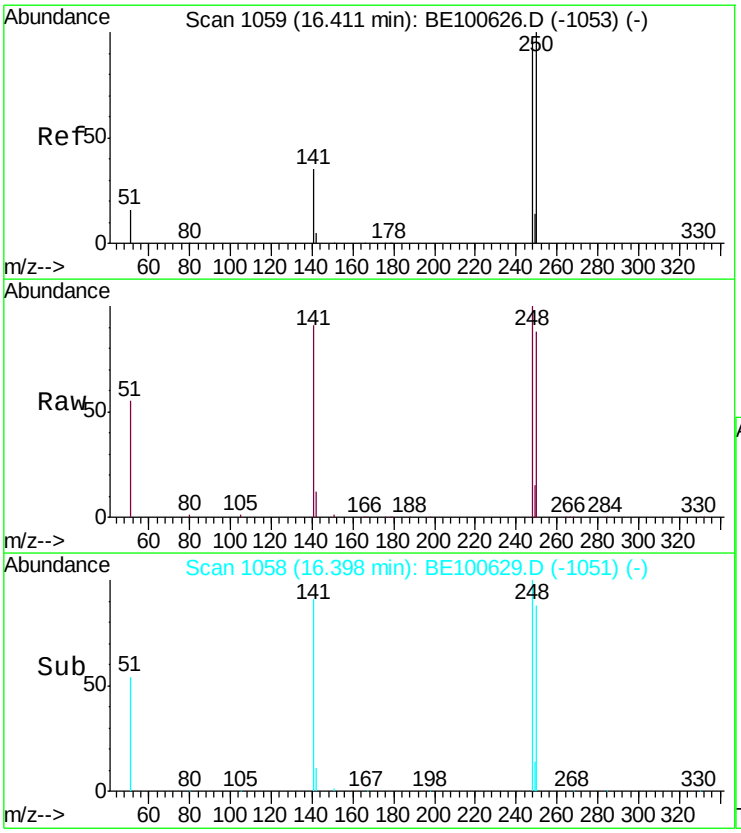
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 39453

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	9.4	14.2

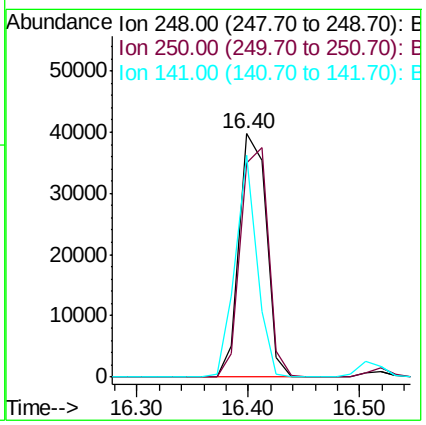


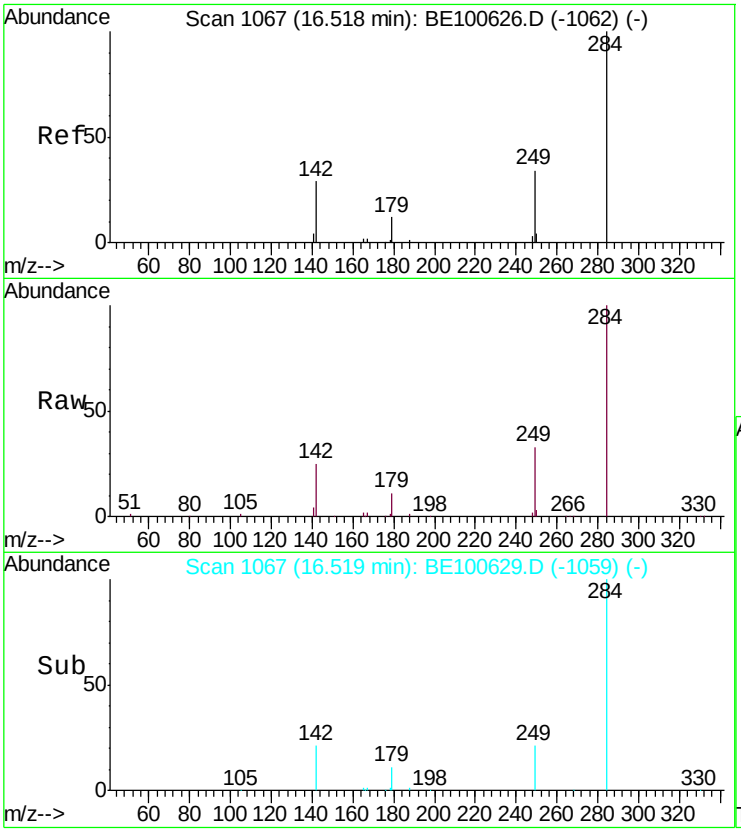


#20
4-Bromophenyl-phenylether
Concen: 3.427 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:248 Resp: 66937

Ion	Ratio	Lower	Upper
248	100		
250	88.1	83.4	125.2
141	91.2	30.8	46.2#



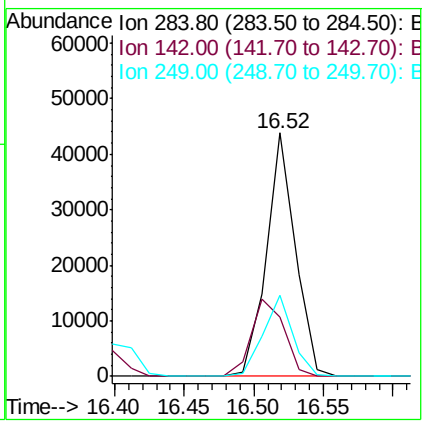


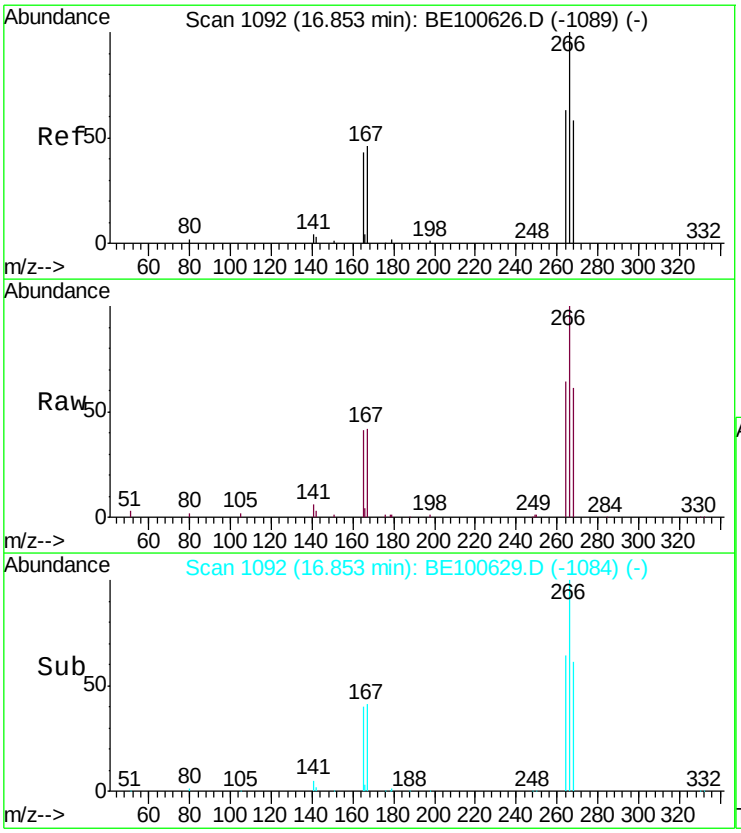
#21
Hexachlorobenzene
Concen: 3.836 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 63054

Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.8	44.8
249	33.6	27.3	40.9

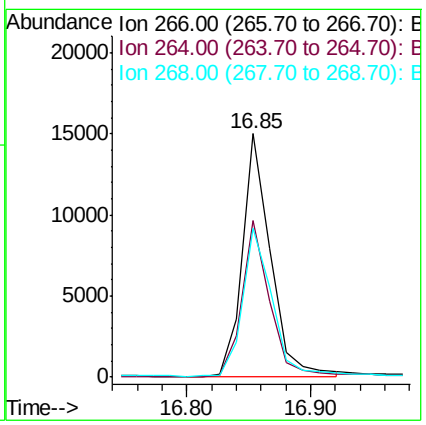


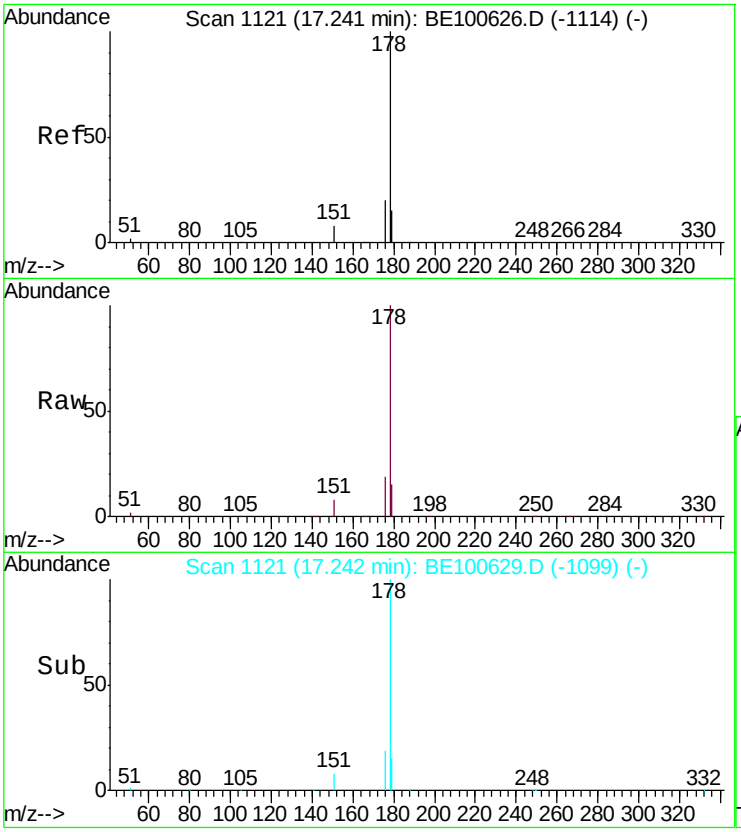


#22
Pentachlorophenol
Concen: 5.131 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:266 Resp: 23315

Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.7	76.1
268	61.4	48.5	72.7



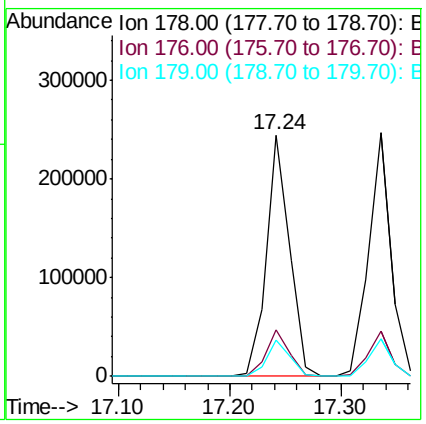


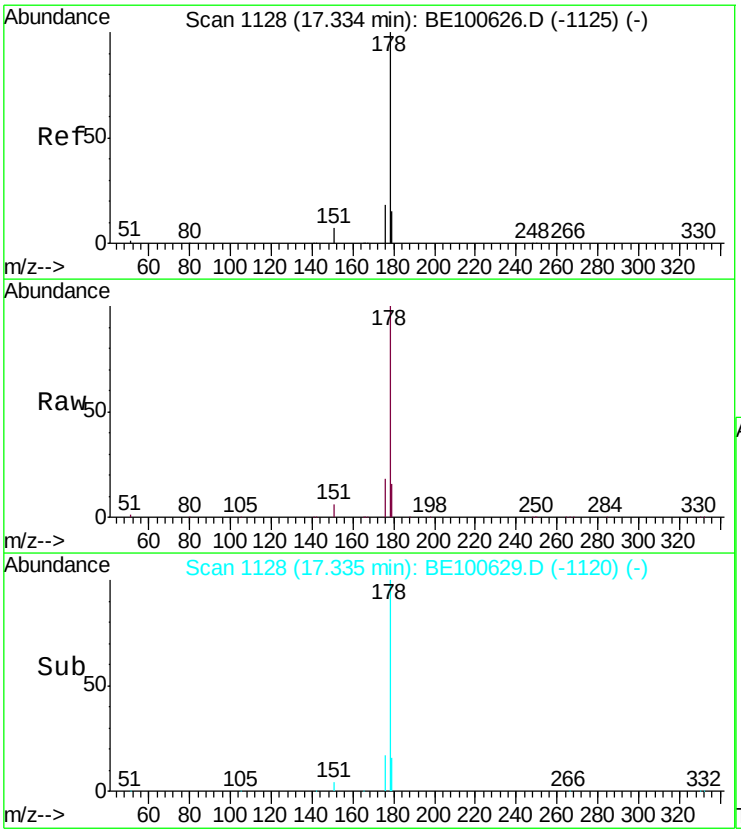
#23
Phenanthrene
Concen: 3.157 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 354370

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.1	12.4	18.6

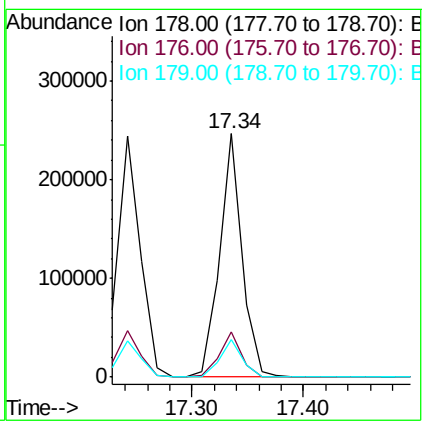


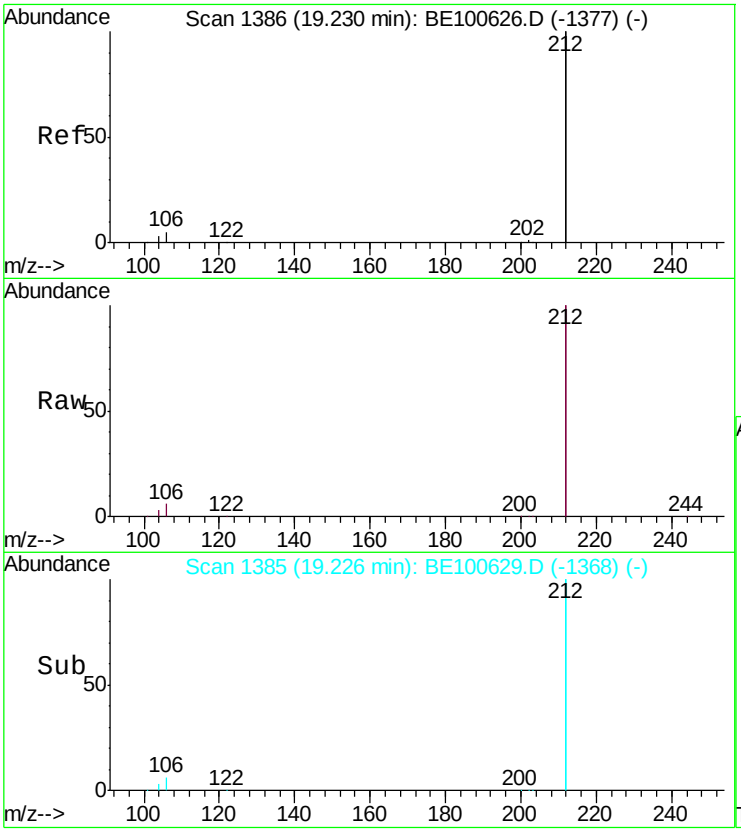


#24
Anthracene
Concen: 3.558 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:178 Resp: 343662

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.5	12.4	18.6



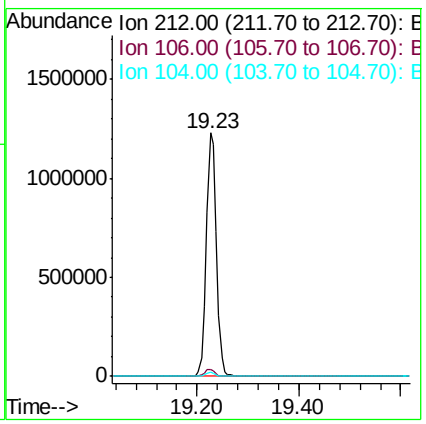


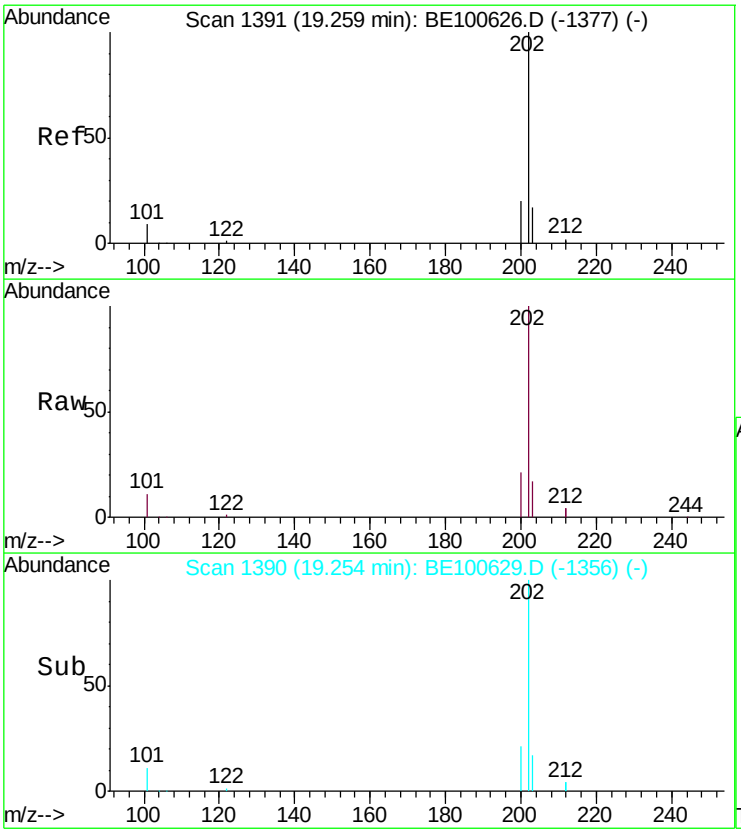
#25
Fluoranthene-d10
Concen: 3.469 ng
RT: 19.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1688459

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.2	3.4
104	1.6	1.3	1.9

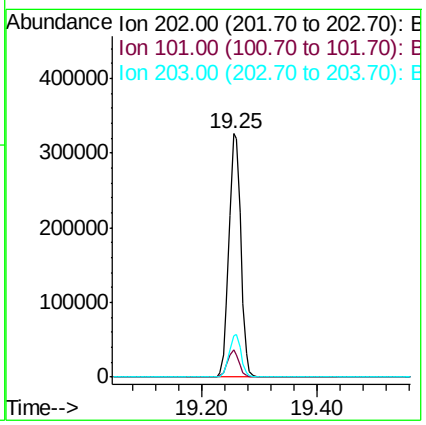


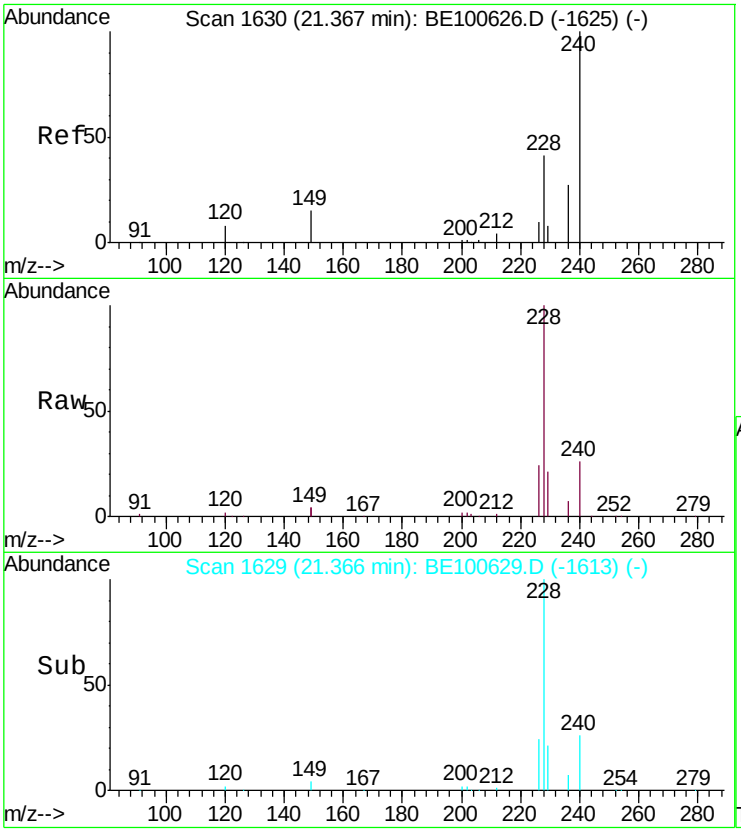


#26
Fluoranthene
Concen: 3.403 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:202 Resp: 470453

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
203	17.4	13.8	20.6



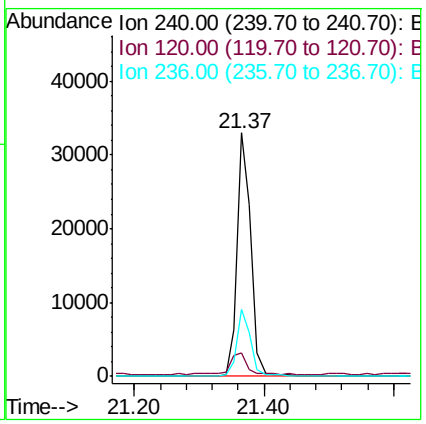


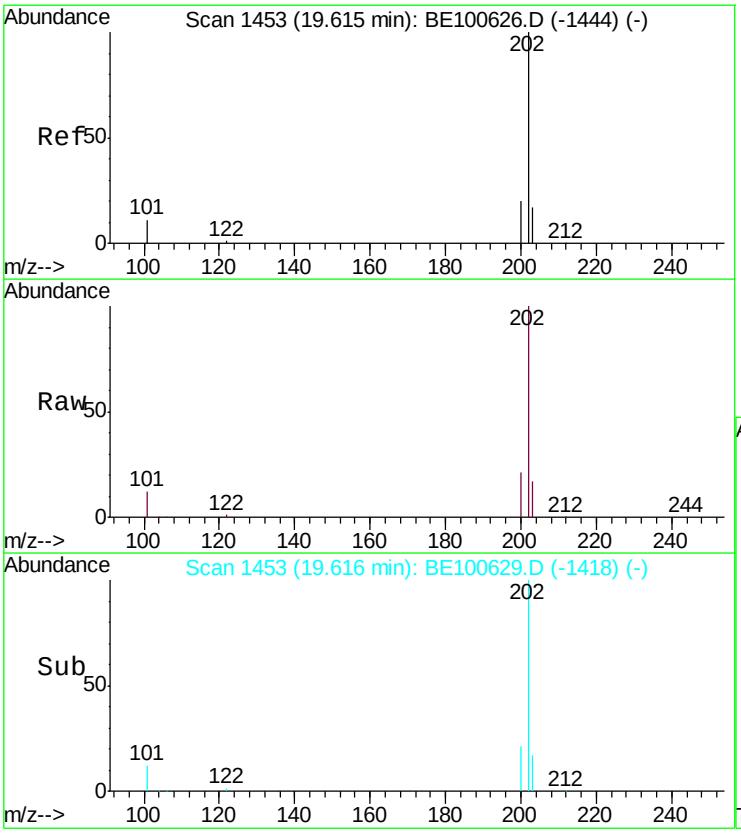
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 48559

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.4	11.0
236	27.7	21.7	32.5

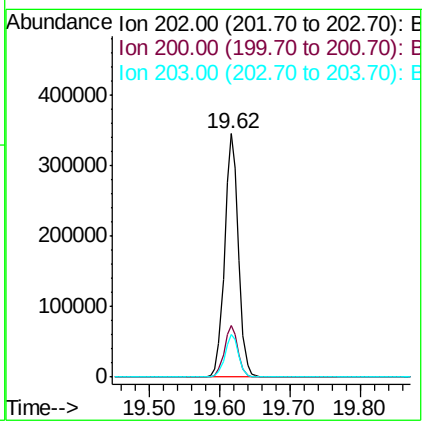


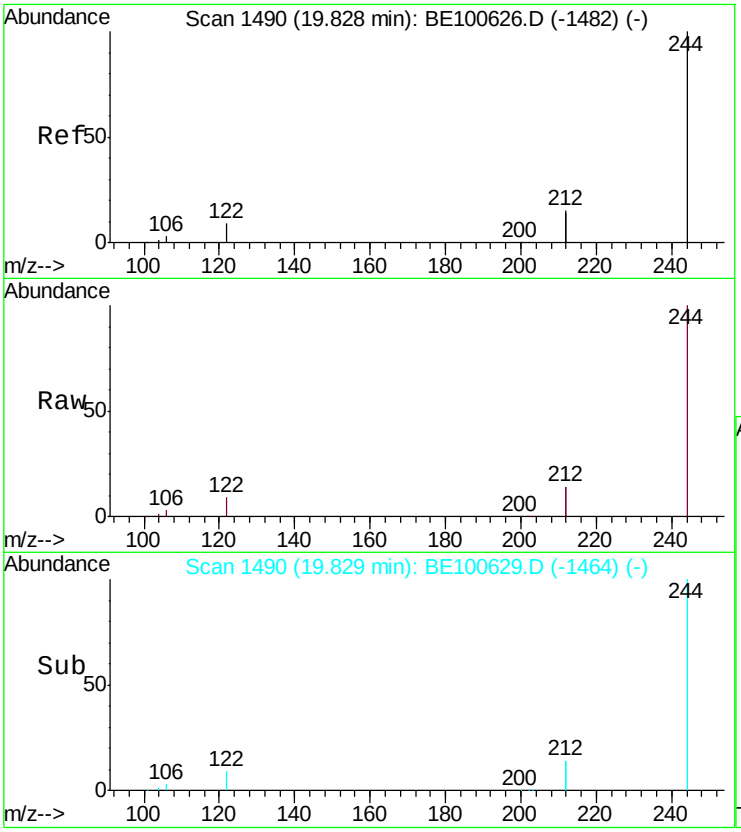


#28
Pyrene
Concen: 3.804 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:202 Resp: 473575

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.5	13.9	20.9



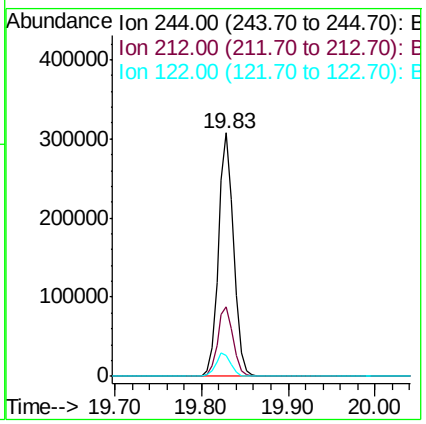


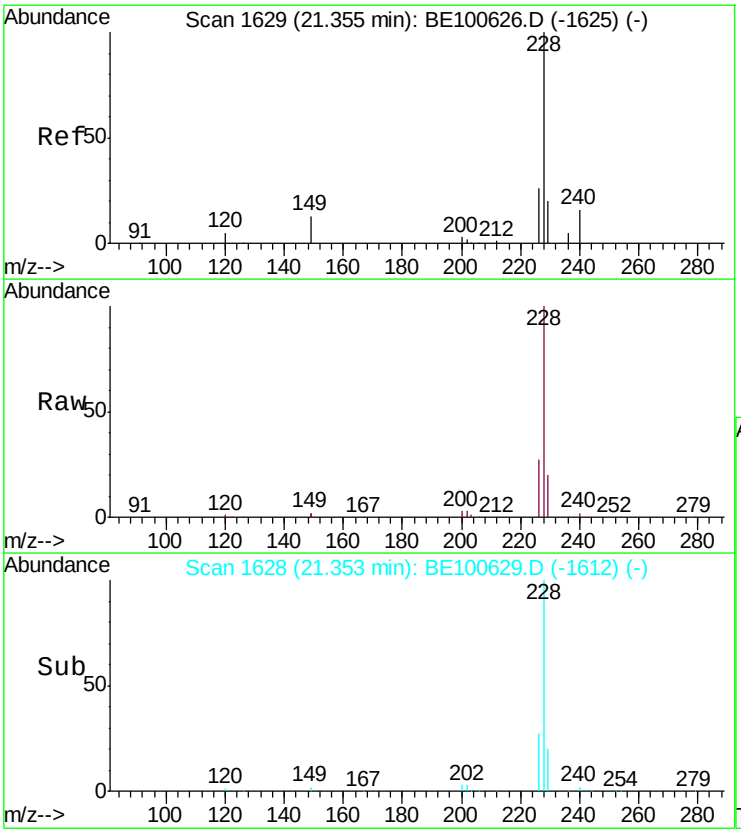
#29
Terphenyl-d14
Concen: 3.489 ng
RT: 19.83 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 374379

Ion	Ratio	Lower	Upper
244	100		
212	28.8	23.9	35.9
122	8.7	7.7	11.5

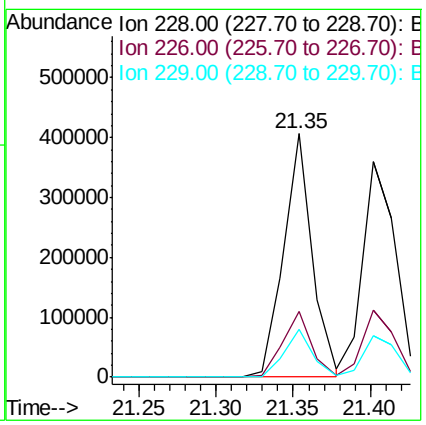


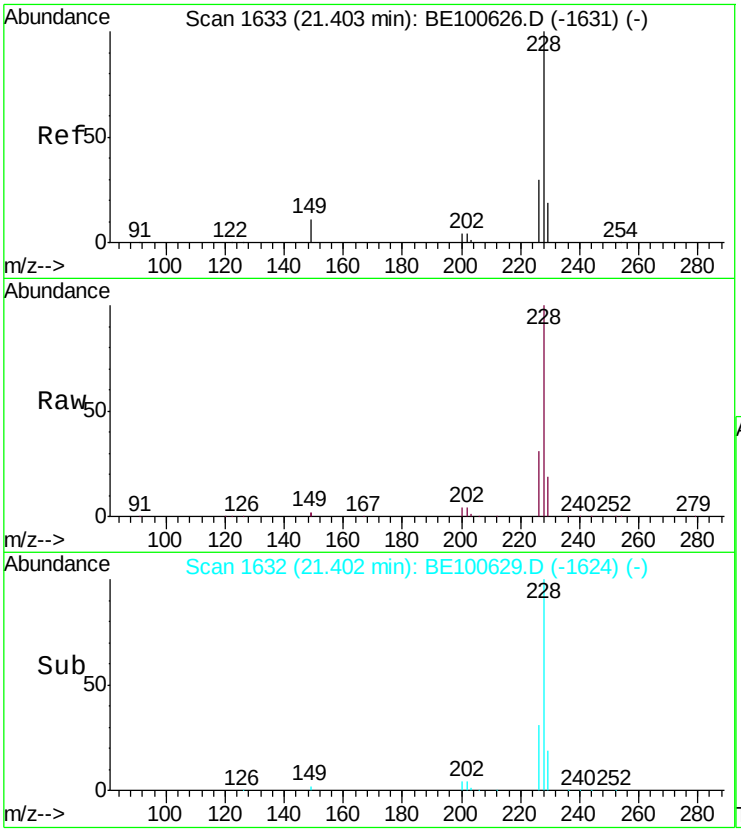


#30
Benzo(a)anthracene
Concen: 3.870 ng
RT: 21.35 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:228 Resp: 525388

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.0	31.6
229	19.8	15.8	23.8



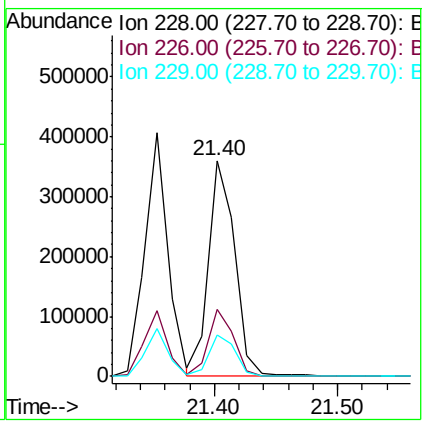


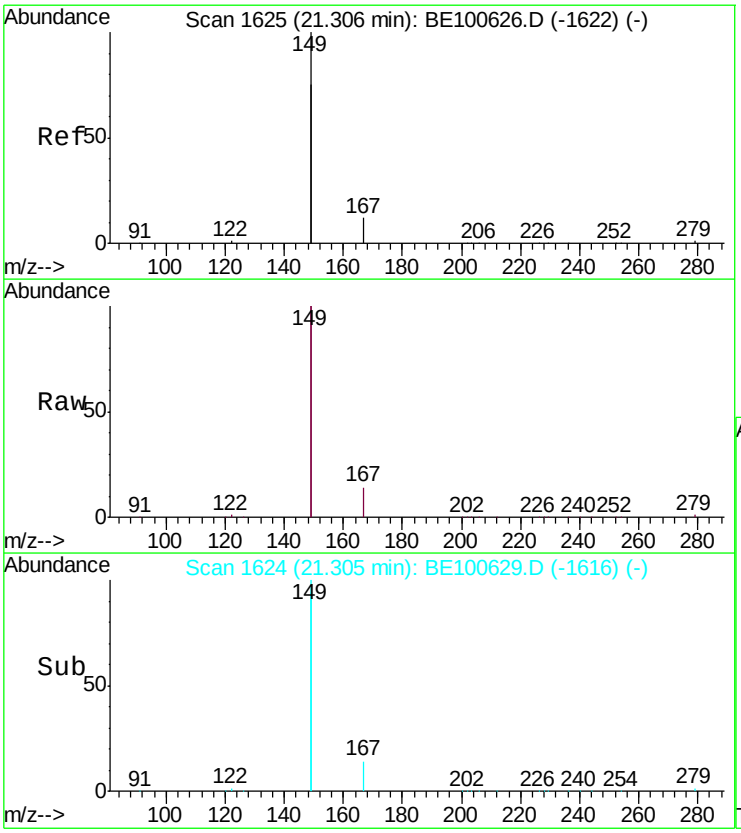
#31
Chrysene
Concen: 3.649 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 530019

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	19.1	15.6	23.4

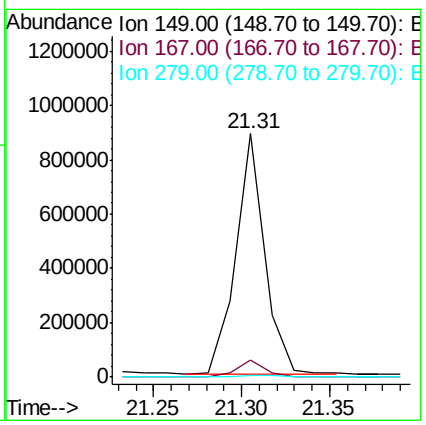


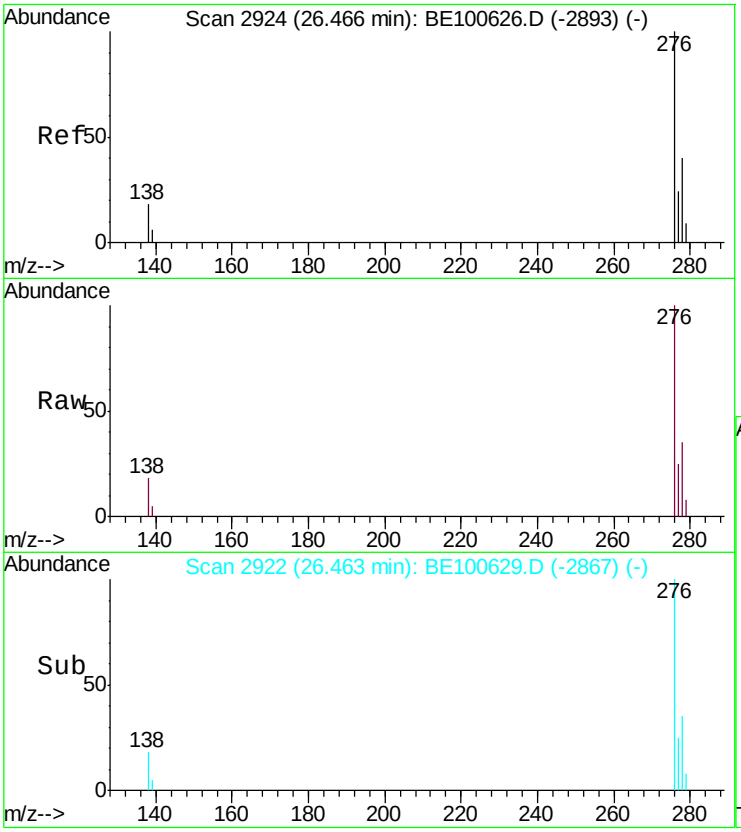


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.870 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:149 Resp: 1003354

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.0	1.5	2.3#



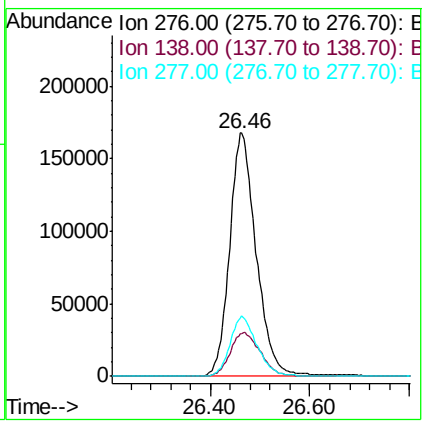


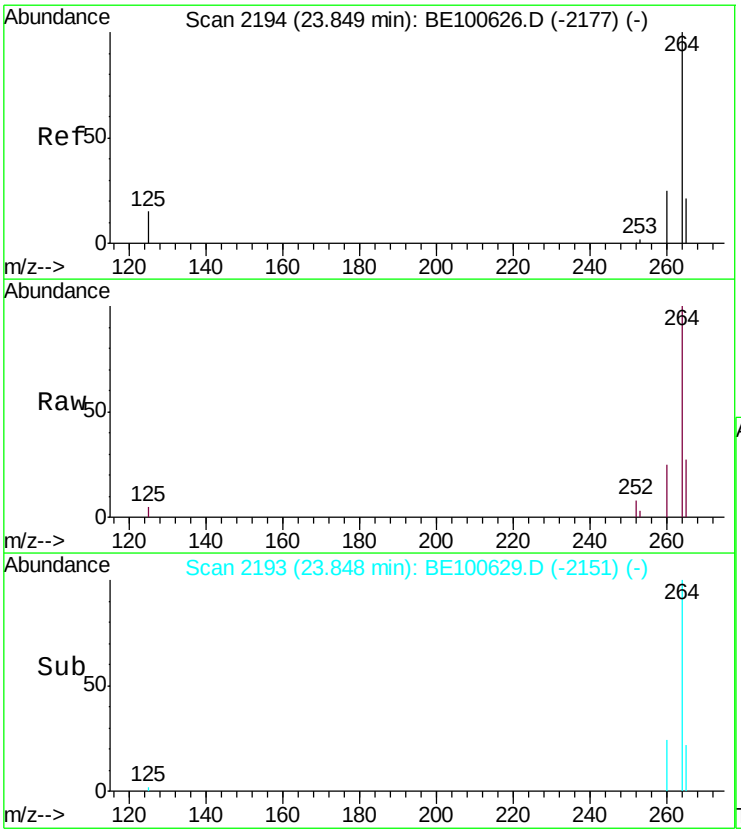
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.646 ng
RT: 26.46 min Scan# 2922
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 623473

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.0	24.0
277	24.9	19.7	29.5

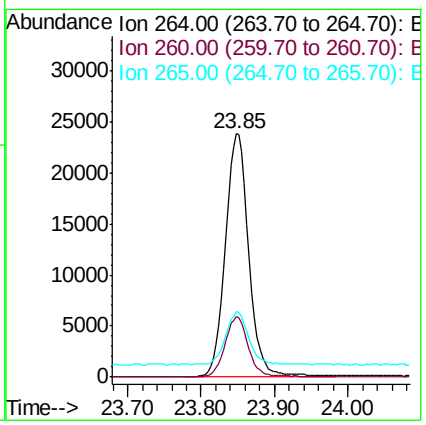


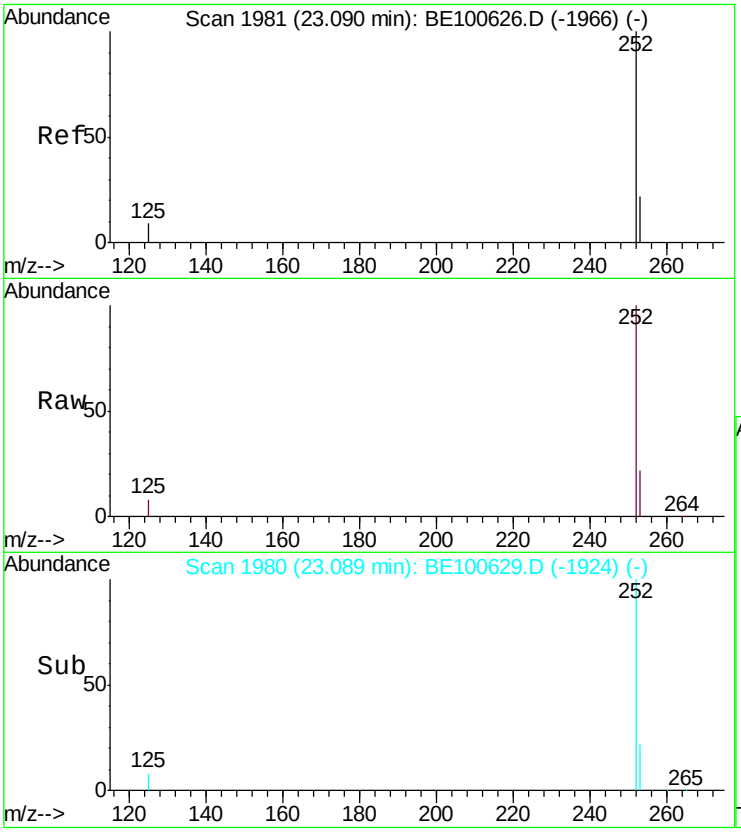


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:264 Resp: 53089

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	27.0	20.0	30.0



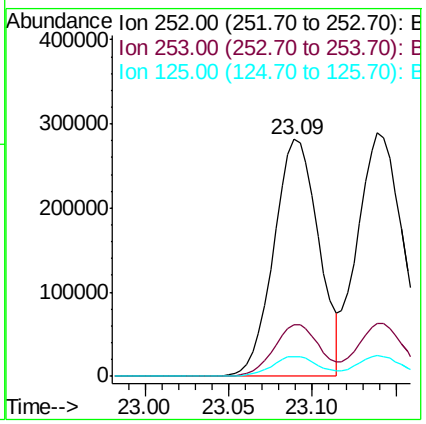


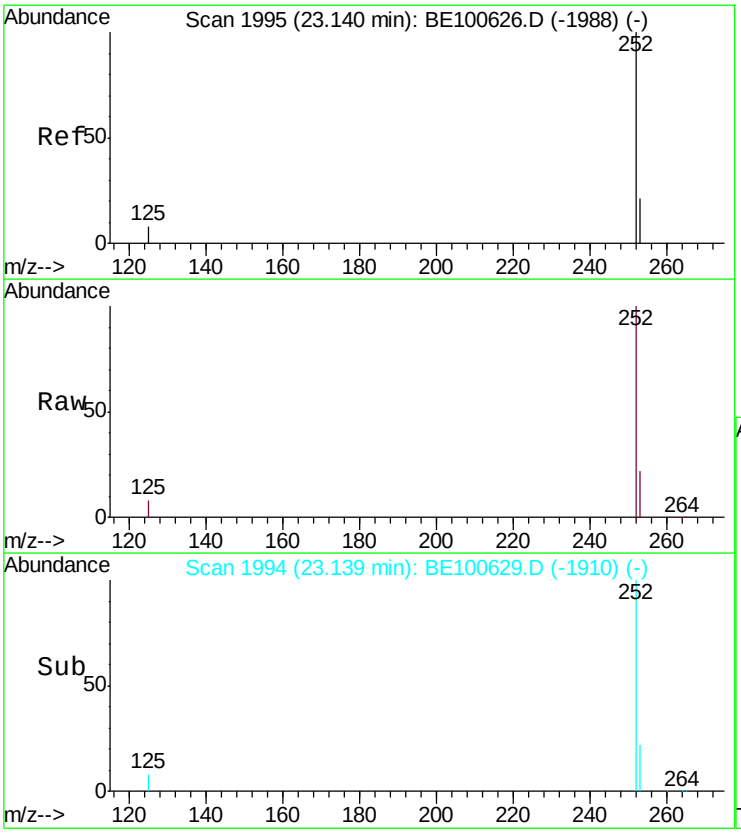
#35
Benzo(b)fluoranthene
Concen: 3.667 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 527479

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.4	7.6	11.4

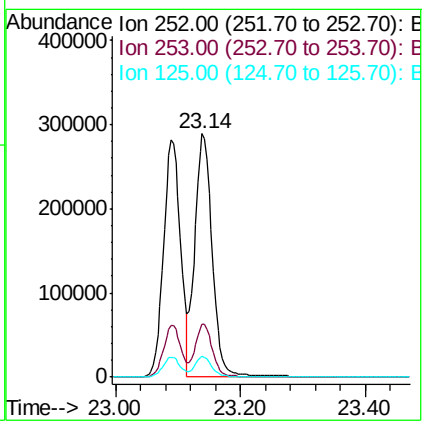


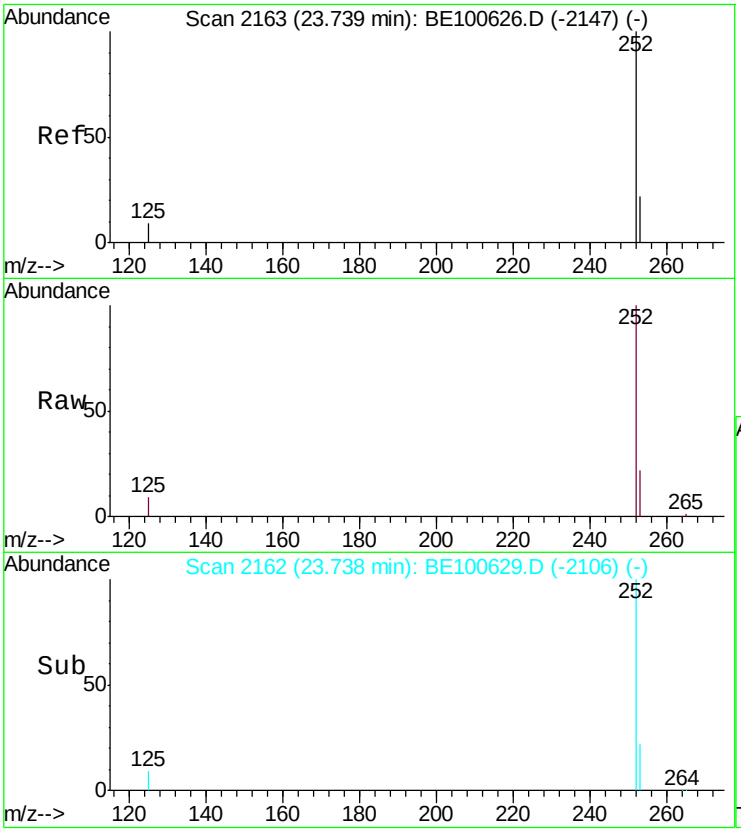


#36
Benzo(k)fluoranthene
Concen: 3.433 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:252 Resp: 561309

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.5	7.6	11.4



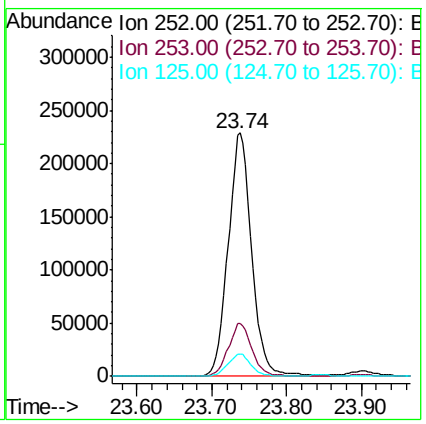


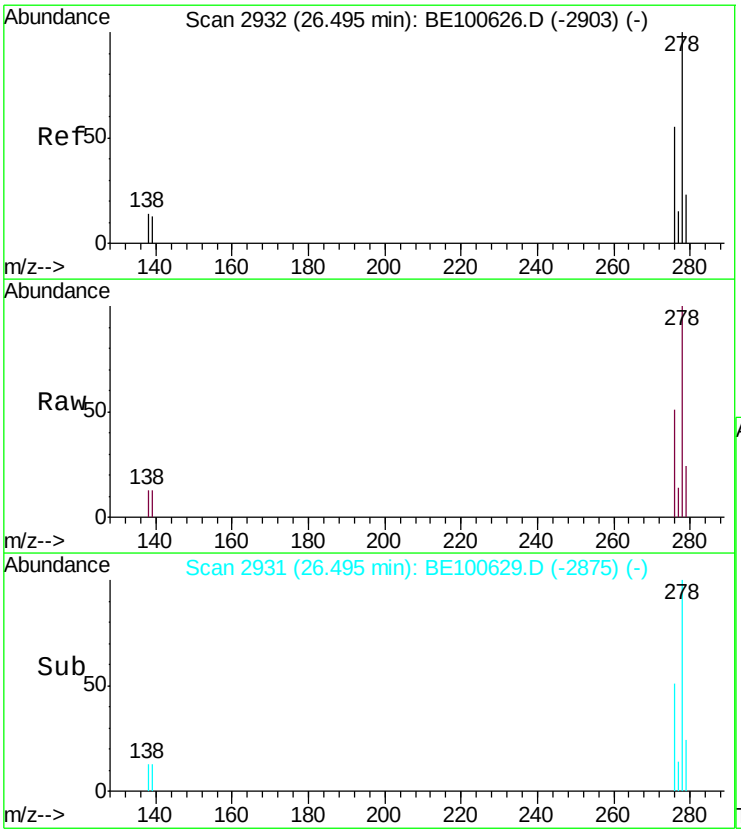
#37
Benzo(a)pyrene
Concen: 3.780 ng
RT: 23.74 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 499134

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.2	8.1	12.1

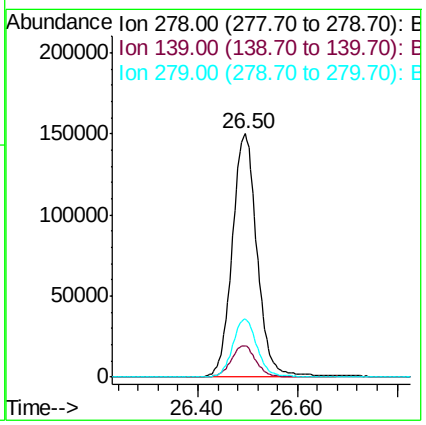


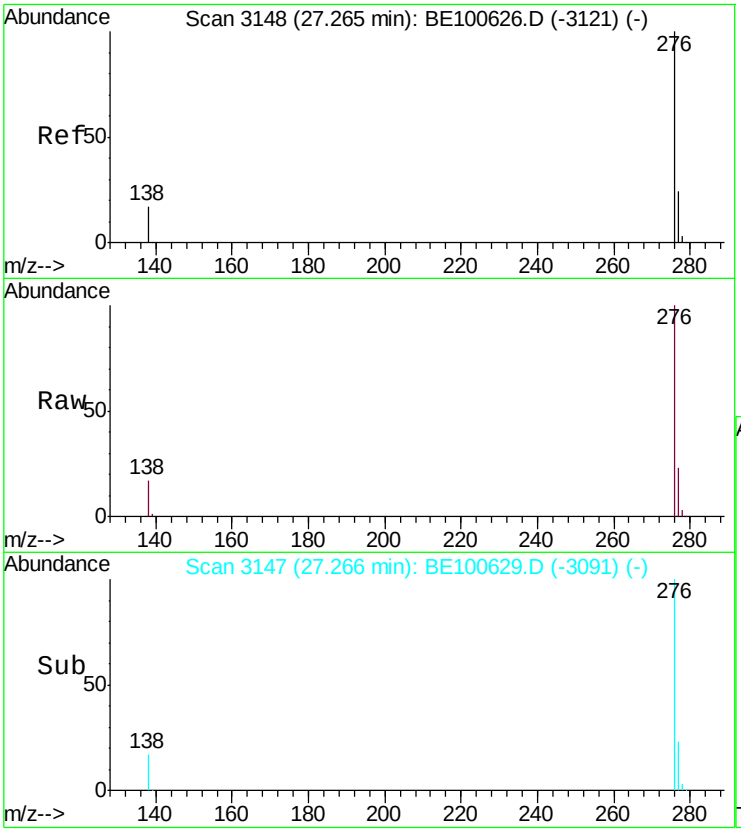


#38
Dibenzo(a,h)anthracene
Concen: 3.737 ng
RT: 26.50 min Scan# 2931
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Tgt Ion:278 Resp: 519073

Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.2	16.8
279	23.8	19.0	28.6





#39
Benzo(g,h,i)perylene
Concen: 3.587 ng
RT: 27.27 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BE100629.D
Acq: 10 Oct 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 504653

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	17.3	14.5	21.7