Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
Data File : BE100178.D
Acq On : 25 Jun 2019 12:25
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 25 14:03:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 13:57:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	422	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	1377	0.40	ng		-0.01
13) Acenaphthene-d10	14.34	164	1046	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	3020	0.40	ng		0.00
27) Chrysene-d12	21.28	240	4857	0.40	ng		0.00
34) Perylene-d12	23.73	264	6411	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	1582	1.59	ng		-0.01
5) Phenol-d6	6.84	99	2079	1.70	ng		-0.03
8) Nitrobenzene-d5	8.83	82	2360	1.82	ng		-0.01
11) 2-Methylnaphthalene-d10	12.06	152	4112	1.60	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	990	1.38	ng		-0.01
15) 2-Fluorobiphenyl	12.97	172	6631	1.65	ng		0.00
25) Fluoranthene-d10	19.13	212	70737	1.64	ng		0.00
29) Terphenyl-d14	19.74	244	14531	1.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	1123	1.874	ng		98
3) n-Nitrosodimethylamine	3.46	42	487	1.968	ng	#	1
6) bis(2-Chloroethyl)ether	7.09	93	1976	1.738	ng	#	97
9) Naphthalene	10.51	128	24461	1.644	ng	#	96
10) Hexachlorobutadiene	10.78	225	2465	1.734	ng		98
12) 2-Methylnaphthalene	12.15	142	4034	1.637	ng		96
16) Acenaphthylene	14.07	152	7968	1.598	ng		98
17) Acenaphthene	14.41	154	4573	1.613	ng		99
18) Fluorene	15.38	166	6684	1.612	ng		99
20) 4-Bromophenyl-phenylether	16.29	248	3039	1.615	ng	#	89
21) Hexachlorobenzene	16.40	284	3284	1.653	ng		99
22) Pentachlorophenol	16.76	266	774	1.336	ng	#	84
23) Phenanthrene	17.13	178	11814	1.672	ng		100
24) Anthracene	17.23	178	10631	1.689	ng		98
26) Fluoranthene	19.16	202	19357	1.703	ng		100
28) Pyrene	19.52	202	19293	1.412	ng		100
30) Benzo(a)anthracene	21.26	228	24877	1.688	ng		97
31) Chrysene	21.32	228	26370	1.620	ng		100
32) Bis(2-ethylhexyl)phthalate	21.18	149	25295	1.038	ng		100
33) Indeno(1,2,3-cd)pyrene	26.30	276	40338	2.154	ng	#	94
35) Benzo(b)fluoranthene	22.97	252	28839	1.761	ng	#	96
36) Benzo(k)fluoranthene	23.02	252	33380	1.679	ng		97
37) Benzo(a)pyrene	23.61	252	29358	1.725	ng	#	94
38) Dibenzo(a,h)anthracene	26.33	278	32493	1.898	ng	#	93
39) Benzo(g,h,i)perylene	27.09	276	33463	1.868	ng		97

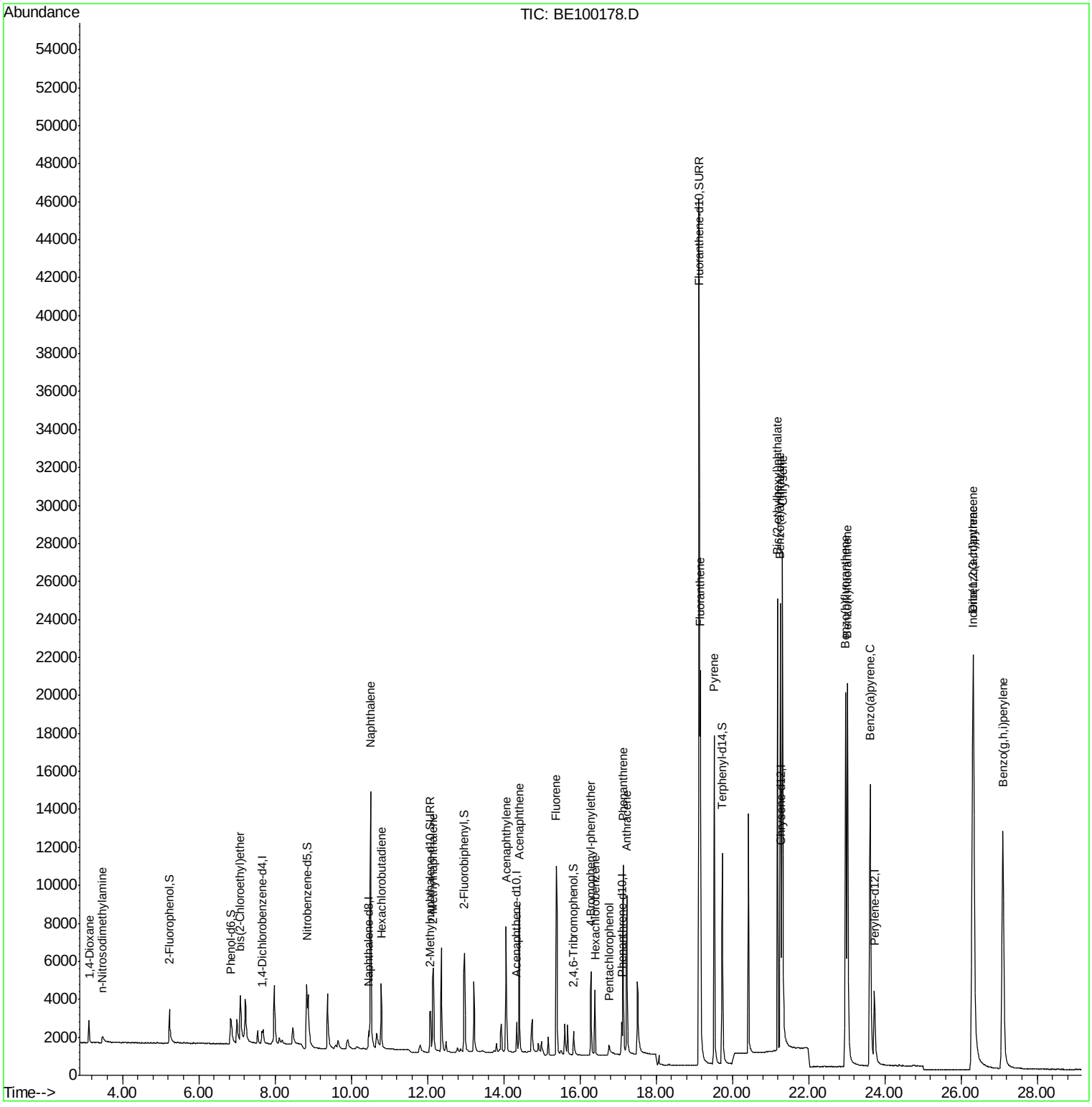
(#) = qualifier out of range (m) = manual integration (+) = signals summed

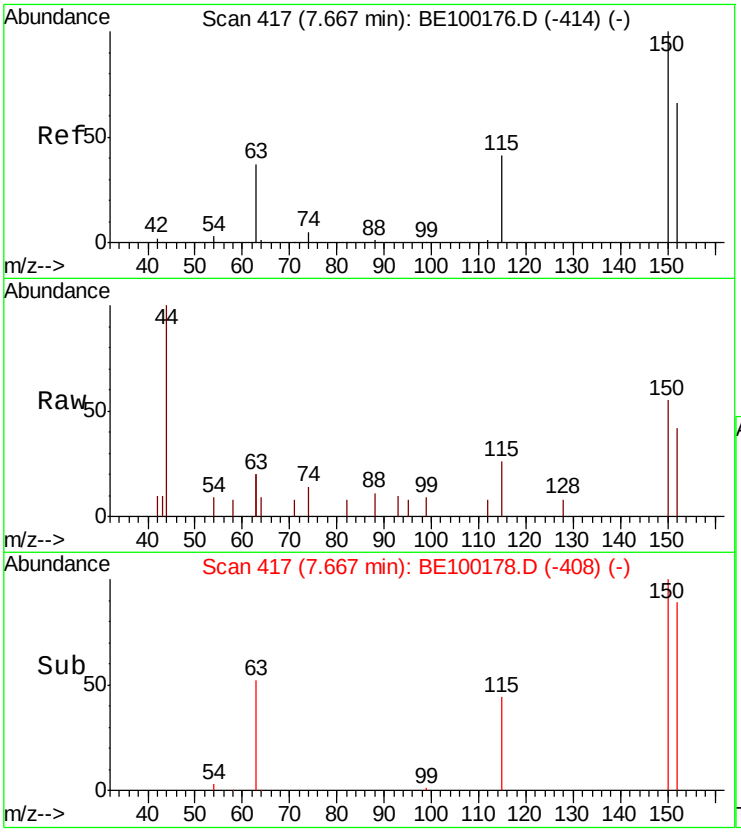
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
Data File : BE100178.D
Acq On : 25 Jun 2019 12:25
Operator : JU/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 25 14:03:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 13:57:09 2019
Response via : Initial Calibration



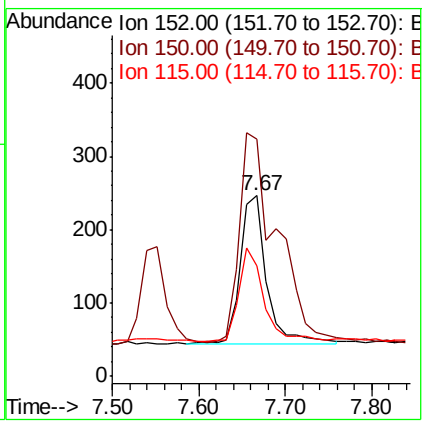


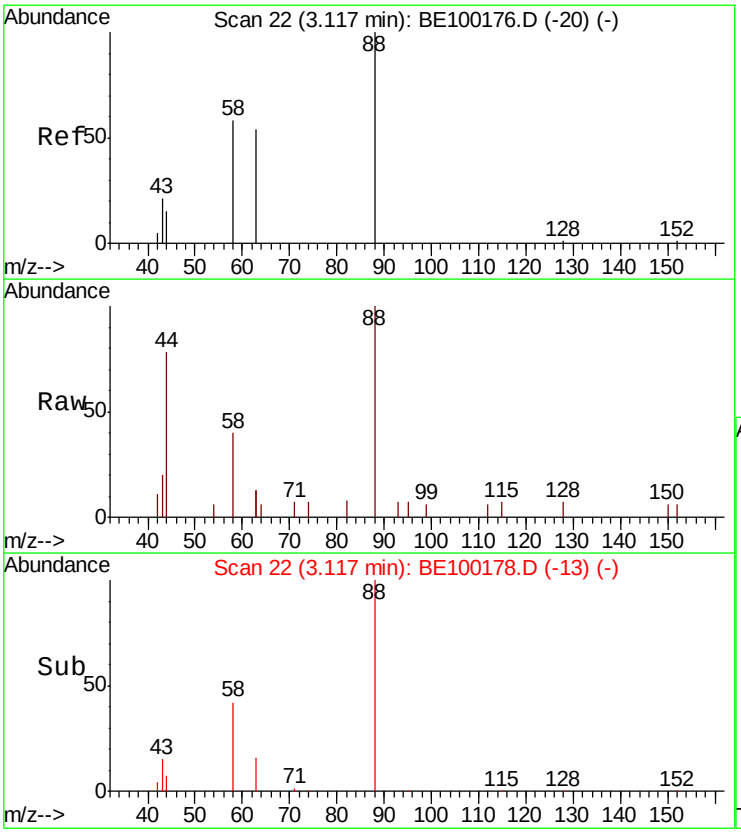
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.67 min Scan# 417
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 422

Ion	Ratio	Lower	Upper
152	100		
150	131.3	113.4	170.2
115	61.4	55.8	83.6

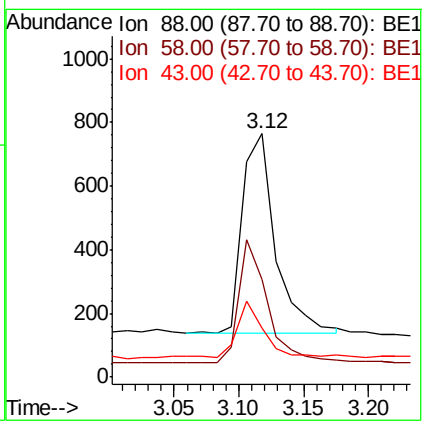


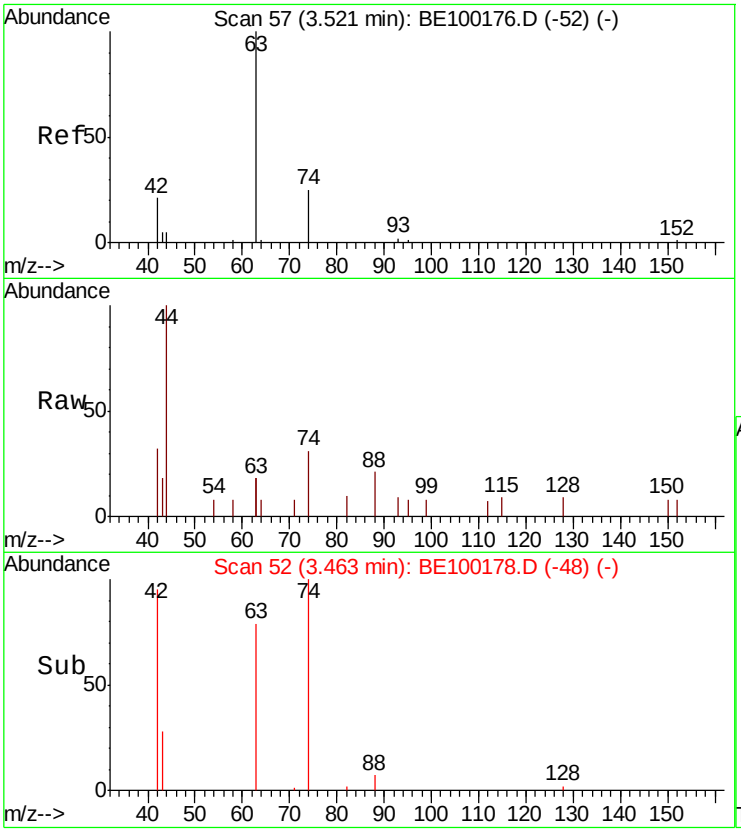


#2
1,4-Dioxane
Concen: 1.874 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion: 88 Resp: 1123

Ion	Ratio	Lower	Upper
88	100		
58	53.3	43.8	65.6
43	22.7	19.4	29.2



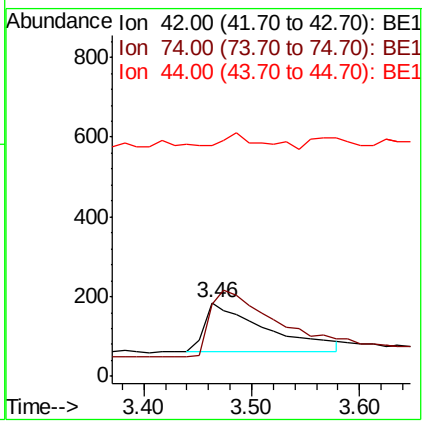


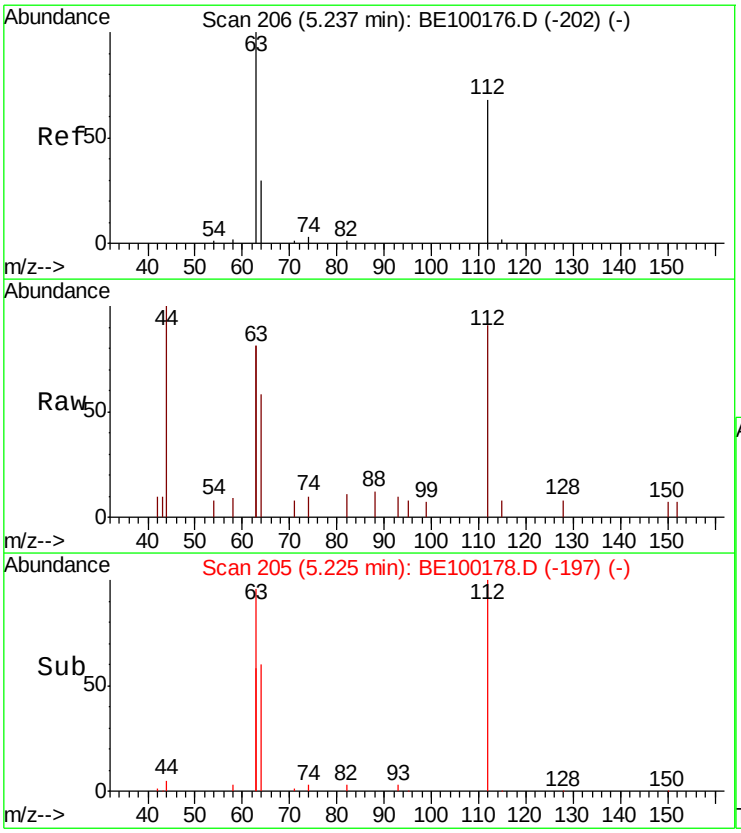
#3
n-Nitrosodimethylamine
Concen: 1.968 ng
RT: 3.46 min Scan# 52
Delta R.T. -0.06 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 487

Ion	Ratio	Lower	Upper
42	100		
74	0.0	193.2	289.8#
44	0.0	114.5	171.7#

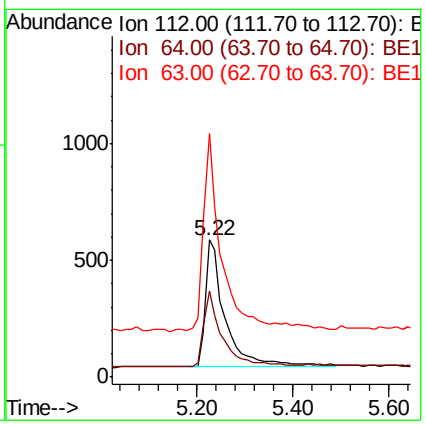


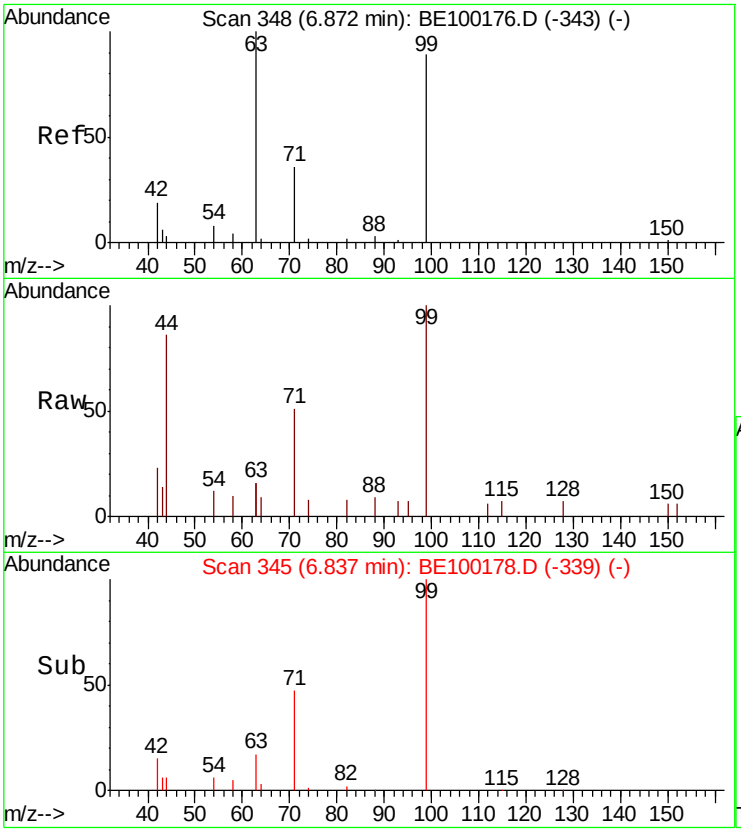


#4
2-Fluorophenol
Concen: 1.593 ng
RT: 5.22 min Scan# 205
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:112 Resp: 1582

Ion	Ratio	Lower	Upper
112	100		
64	55.0	40.7	61.1
63	130.6	93.2	139.8



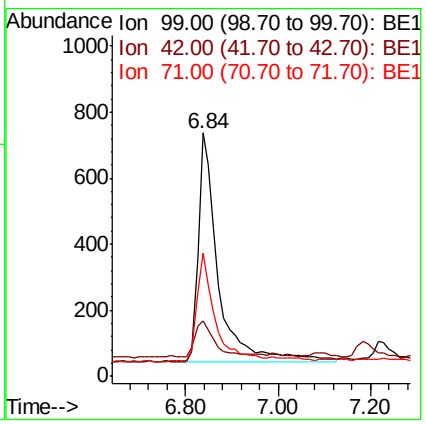


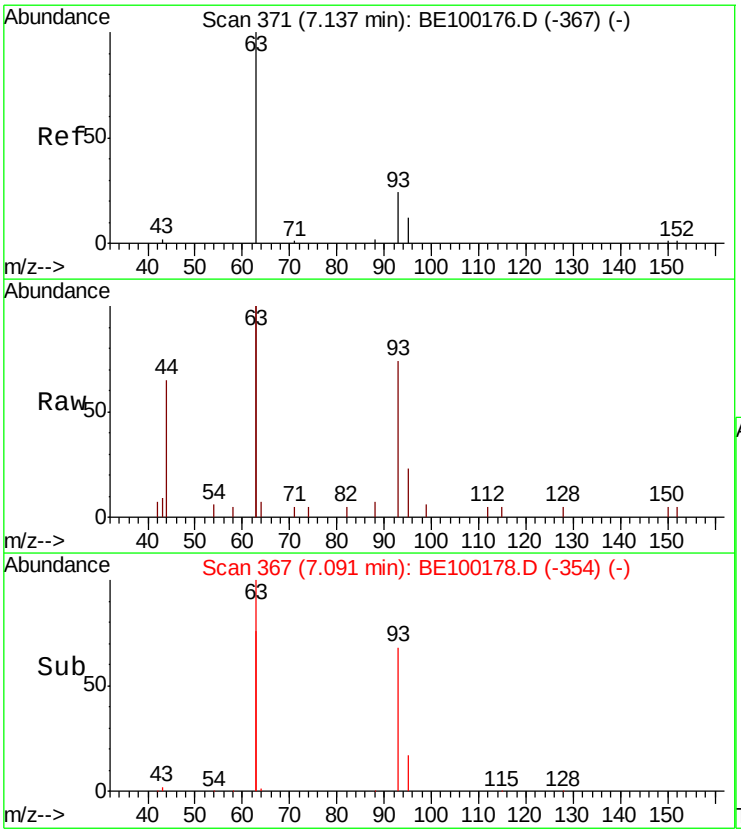
#5
Phenol-d6
Concen: 1.705 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.03 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2079

Ion	Ratio	Lower	Upper
99	100		
42	15.5	10.4	15.6
71	43.3	32.4	48.6

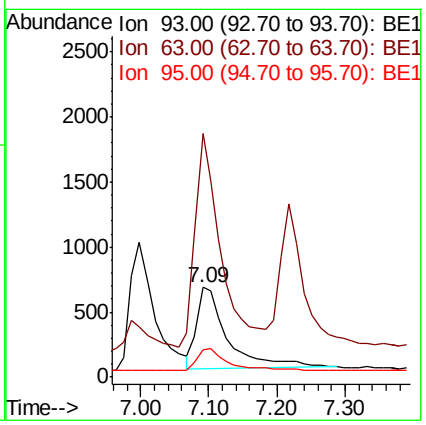


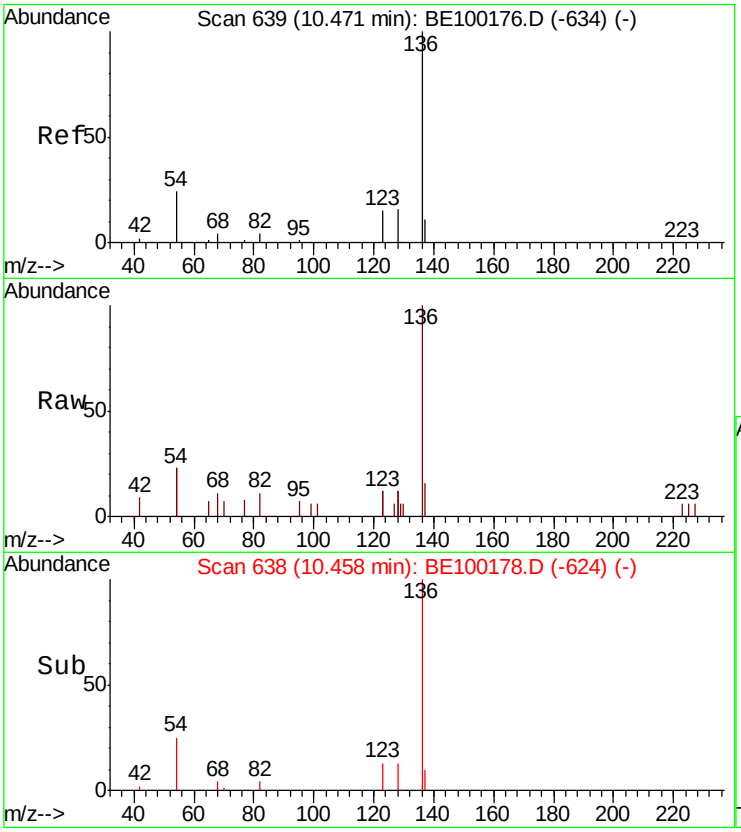


#6
bis(2-Chloroethyl)ether
Concen: 1.738 ng
RT: 7.09 min Scan# 367
Delta R.T. -0.05 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion: 93 Resp: 1976

Ion	Ratio	Lower	Upper
93	100		
63	215.4	0.0	0.0#
95	28.1	21.0	31.6



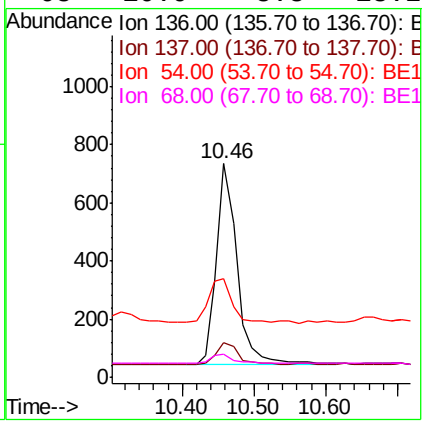


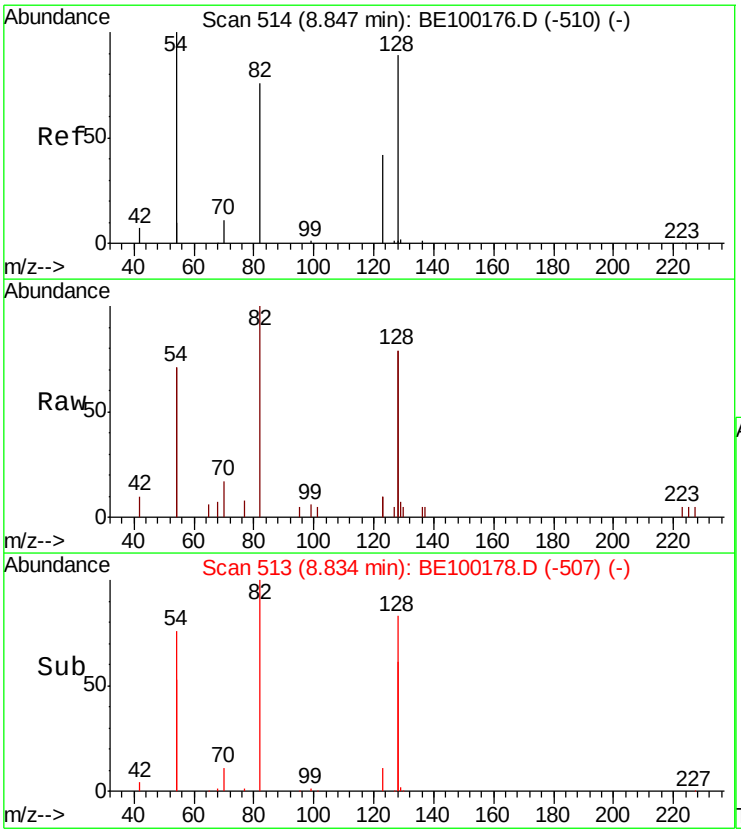
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 1377

Ion	Ratio	Lower	Upper
136	100		
137	15.9	13.8	20.8
54	46.3	35.4	53.2
68	10.9	8.8	13.2

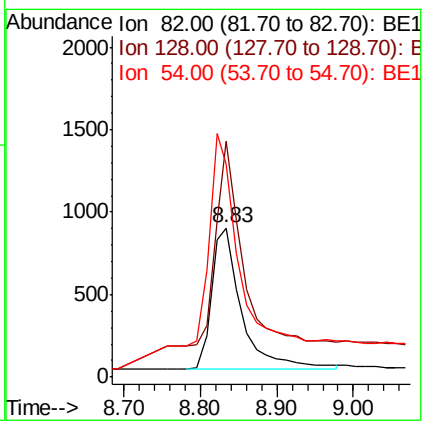


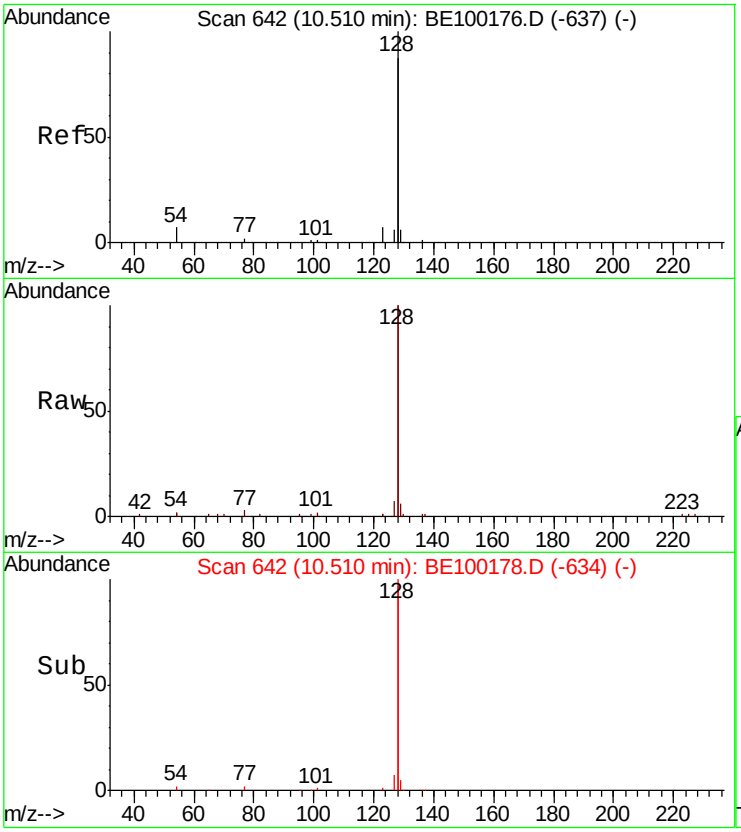


#8
Nitrobenzene-d5
Concen: 1.816 ng
RT: 8.83 min Scan# 513
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion: 82 Resp: 2360

Ion	Ratio	Lower	Upper
82	100		
128	157.6	144.6	217.0
54	142.8	163.0	244.6#



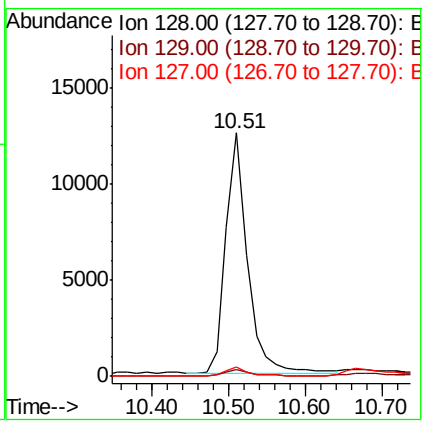


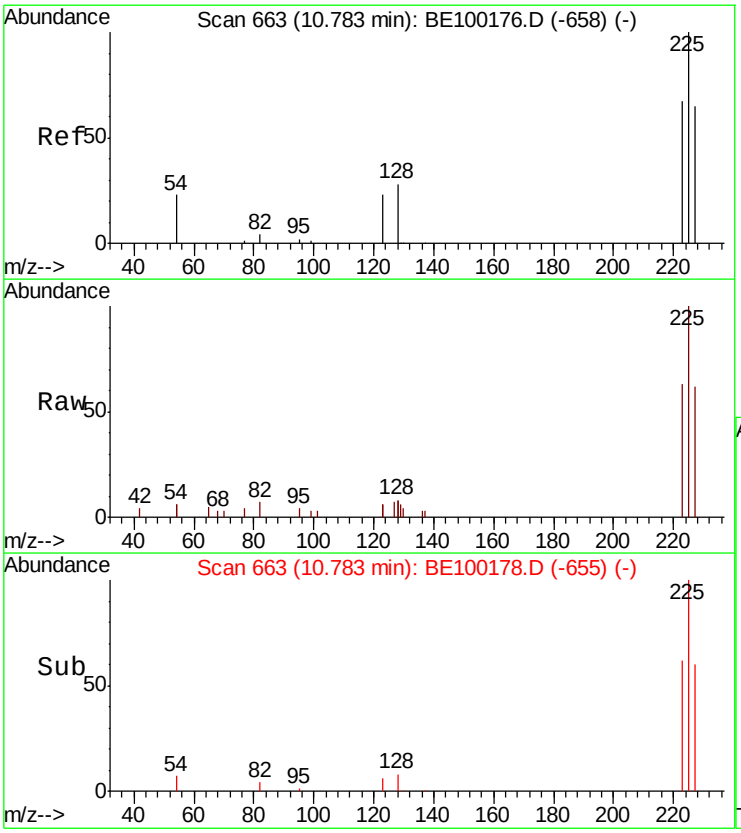
#9
Naphthalene
Concen: 1.644 ng
RT: 10.51 min Scan# 642
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 24461

Ion	Ratio	Lower	Upper
128	100		
129	3.0	3.6	5.4#
127	3.7	3.8	5.8#

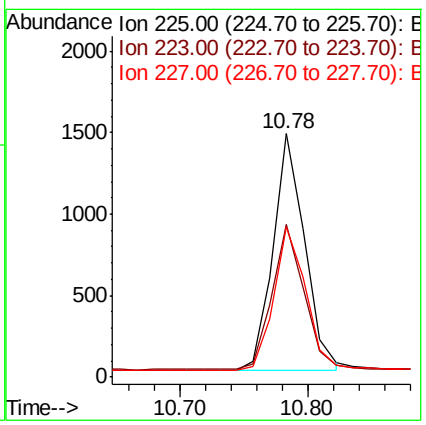


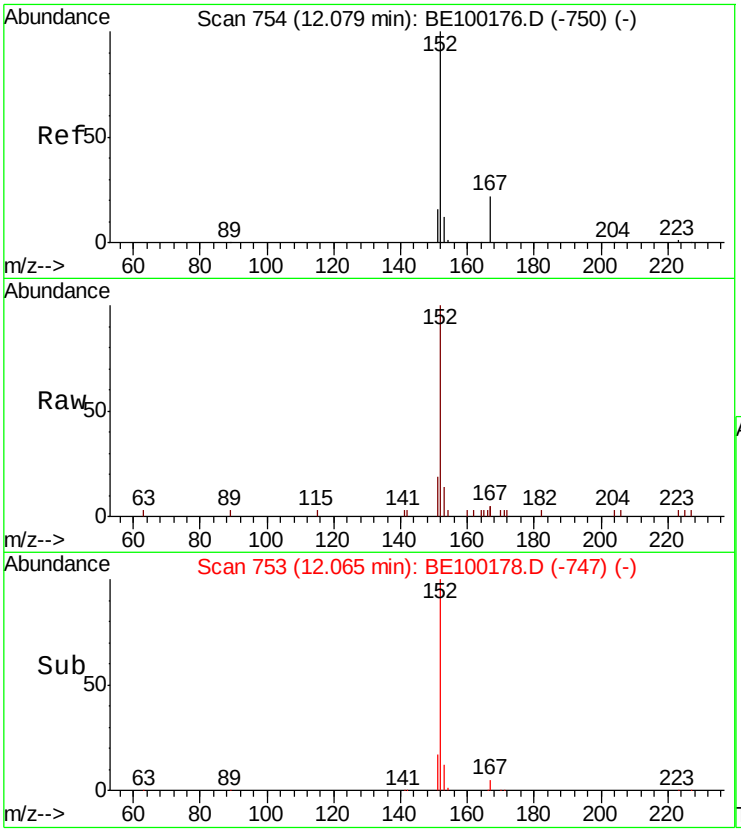


#10
Hexachlorobutadiene
Concen: 1.734 ng
RT: 10.78 min Scan# 663
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:225 Resp: 2465

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	61.2	50.9	76.3



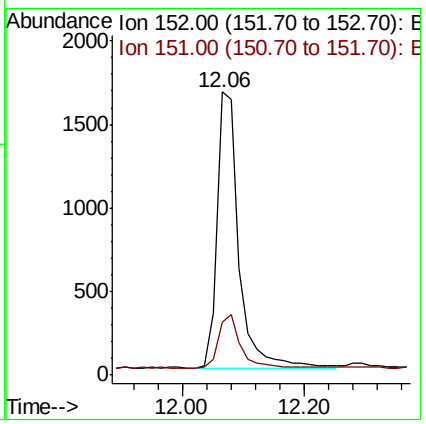


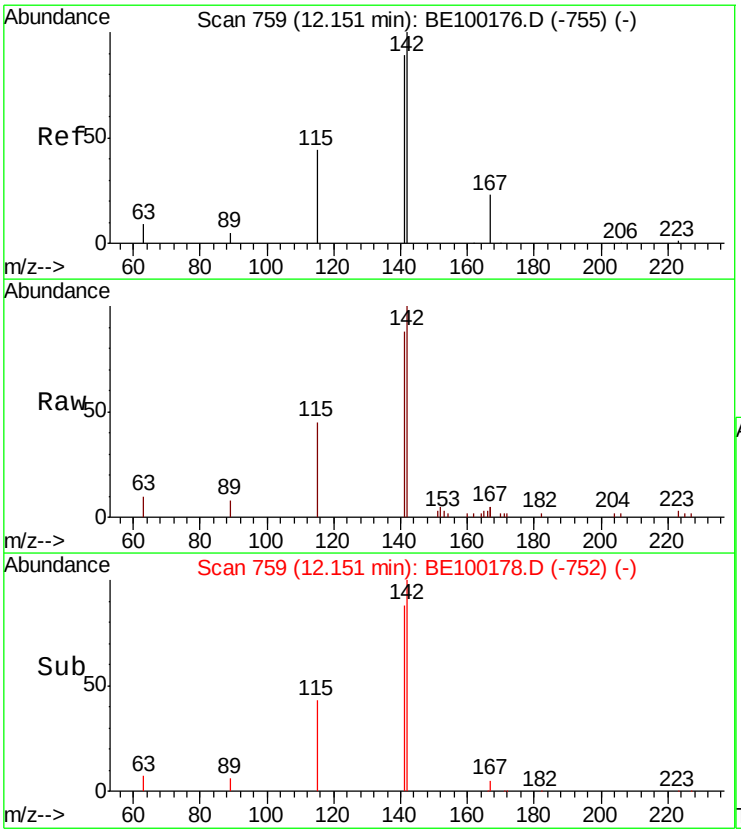
#11
2-Methylnaphthalene-d10
Concen: 1.599 ng
RT: 12.06 min Scan# 753
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 4112

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5

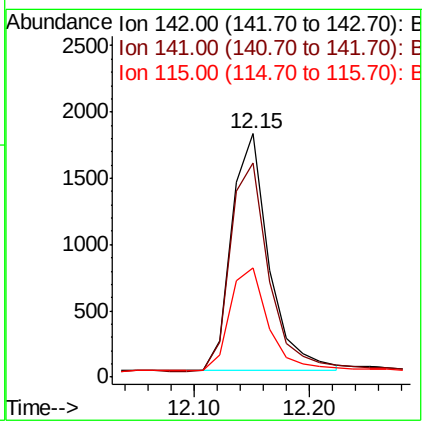


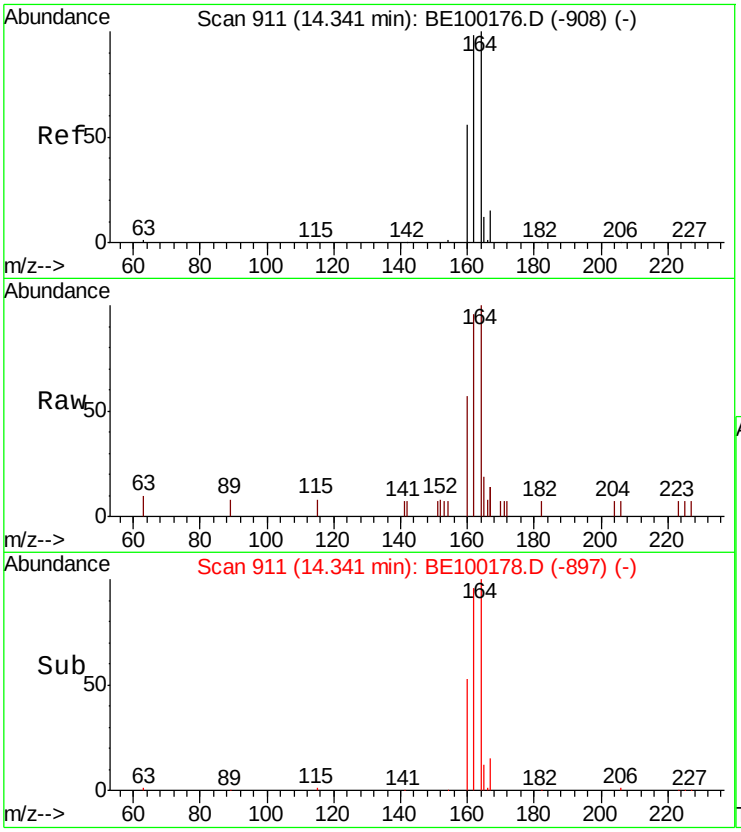


#12
2-Methylnaphthalene
Concen: 1.637 ng
RT: 12.15 min Scan# 759
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:142 Resp: 4034

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.8	107.8
115	44.7	40.4	60.6



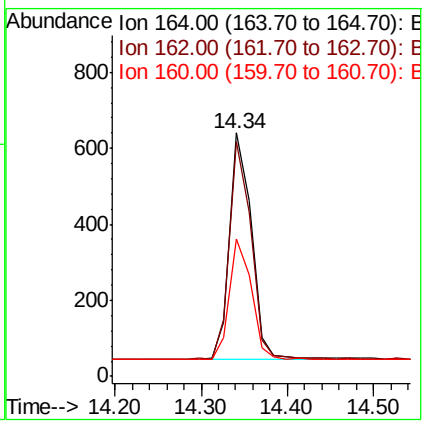


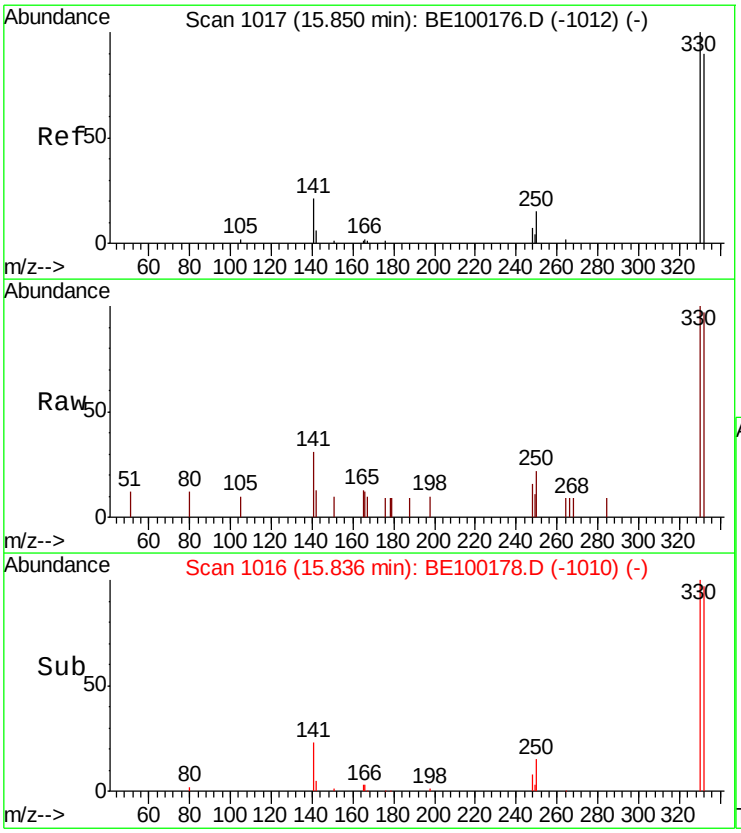
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 911
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1046

Ion	Ratio	Lower	Upper
164	100		
162	96.3	78.6	118.0
160	56.6	46.9	70.3

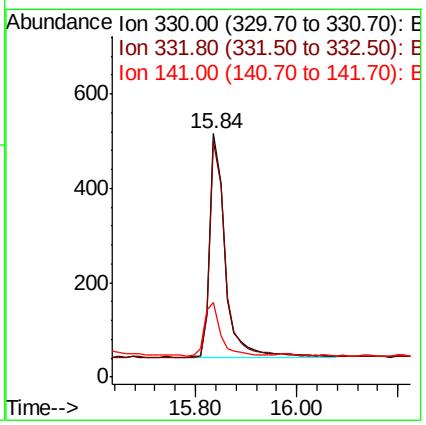


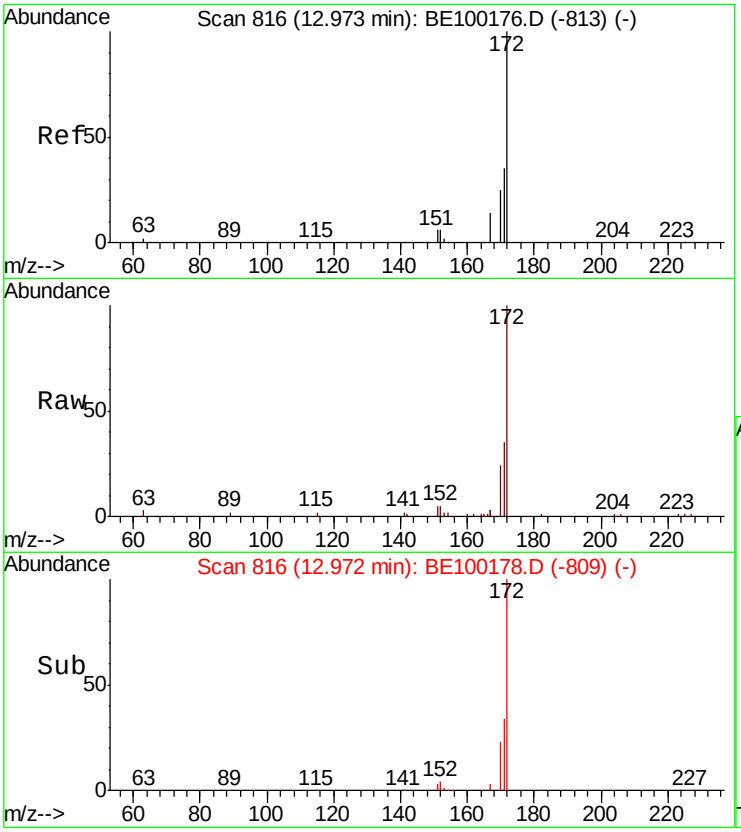


#14
2,4,6-Tribromophenol
Concen: 1.382 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:330 Resp: 990

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.7	116.5
141	26.2	18.9	28.3



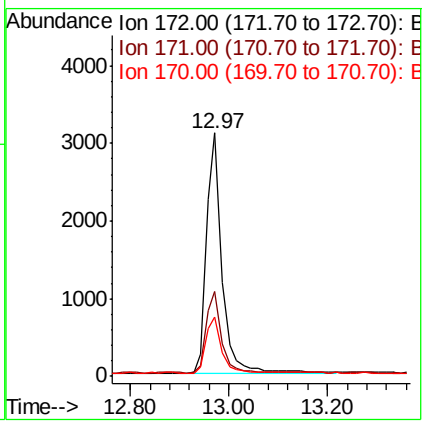


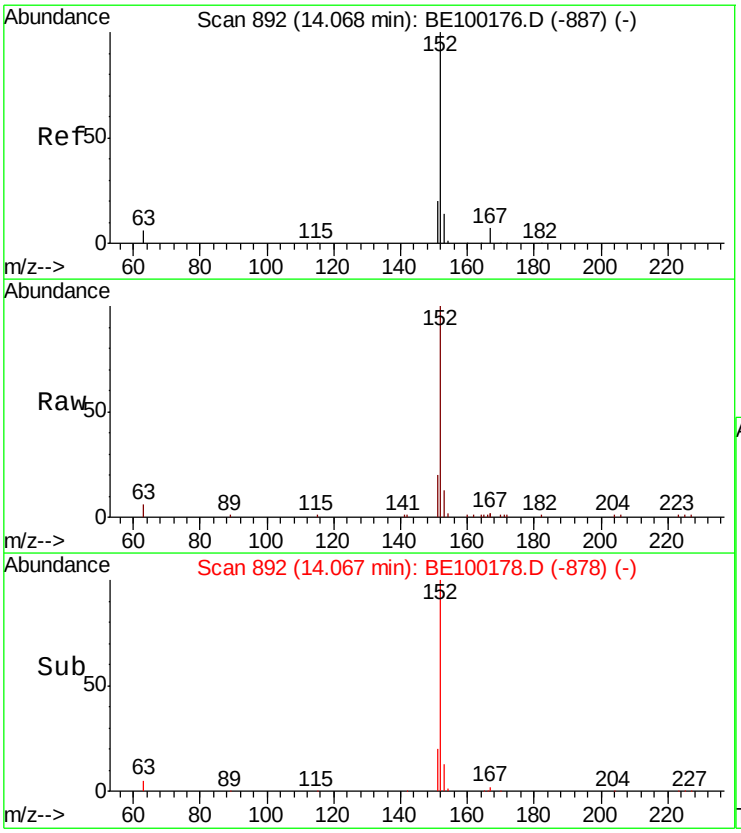
#15
2-Fluorobiphenyl
Concen: 1.648 ng
RT: 12.97 min Scan# 816
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 6631

Ion	Ratio	Lower	Upper
172	100		
171	34.7	31.0	46.4
170	24.4	23.9	35.9

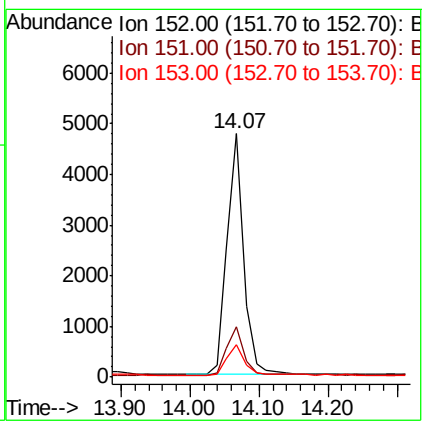


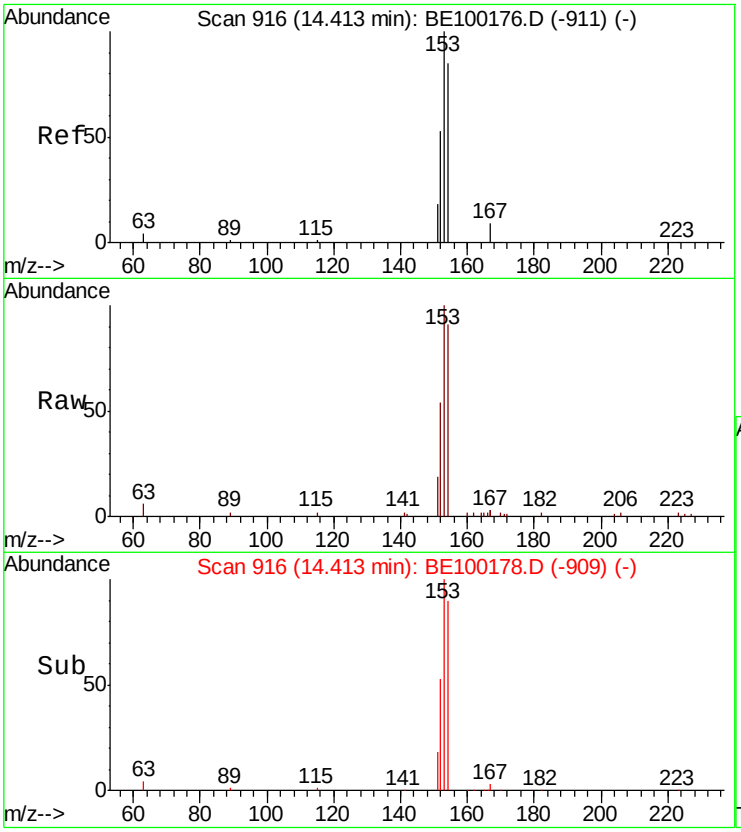


#16
Acenaphthylene
Concen: 1.598 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:152 Resp: 7968

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.0
153	12.8	10.8	16.2



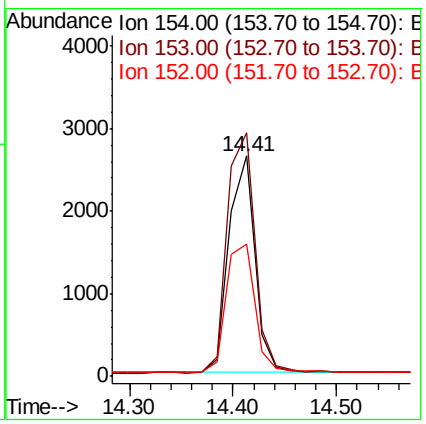


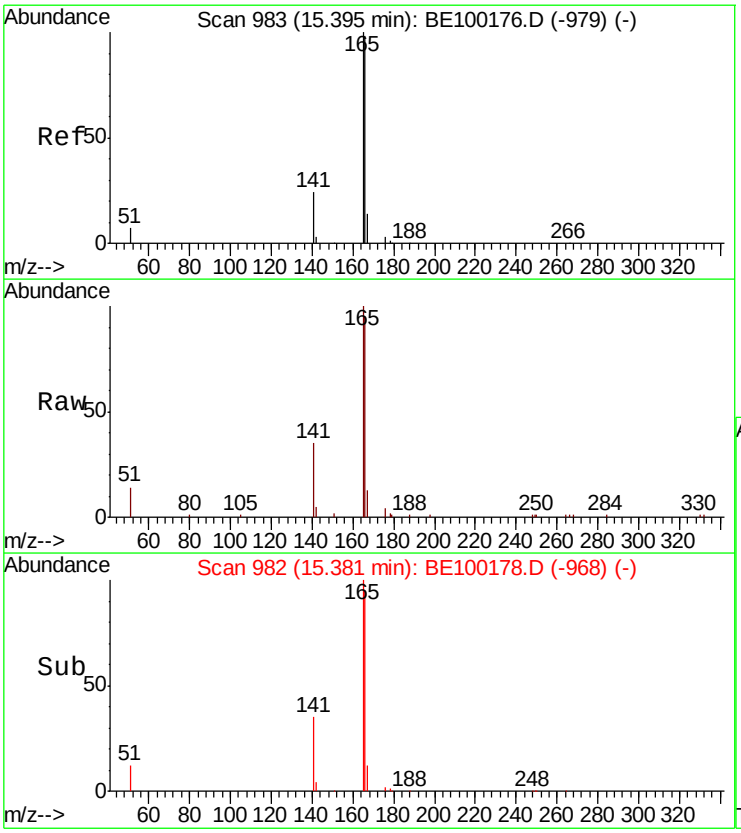
#17
Acenaphthene
Concen: 1.613 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4573

Ion	Ratio	Lower	Upper
154	100		
153	118.6	95.3	142.9
152	65.6	52.9	79.3

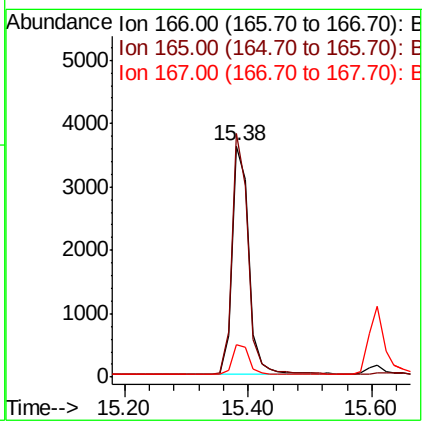


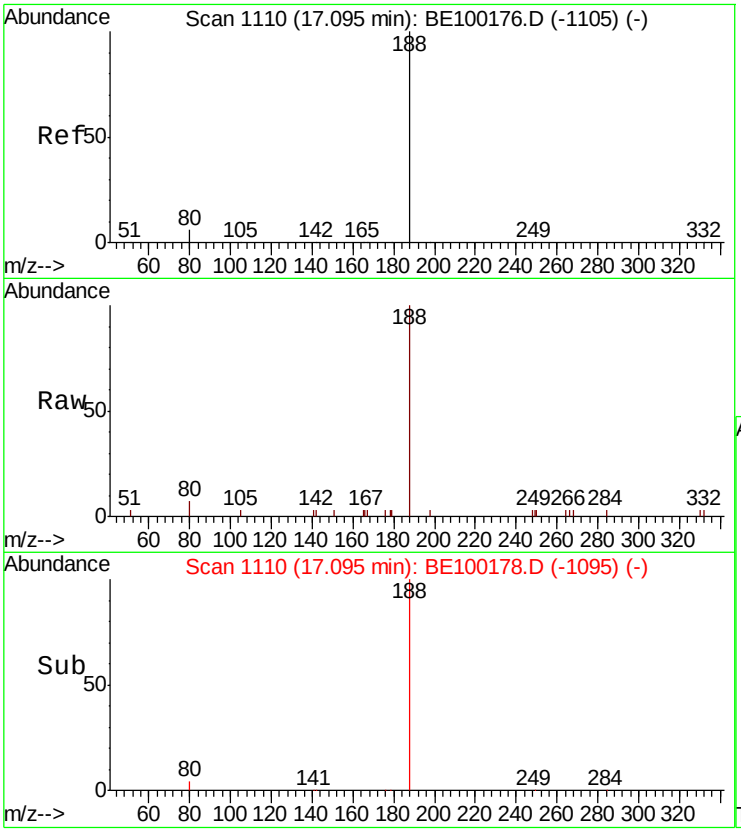


#18
Fluorene
Concen: 1.612 ng
RT: 15.38 min Scan# 982
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:166 Resp: 6684

Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.0	121.4
167	13.2	11.4	17.0



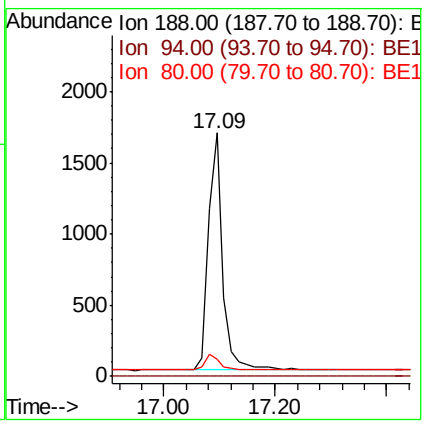


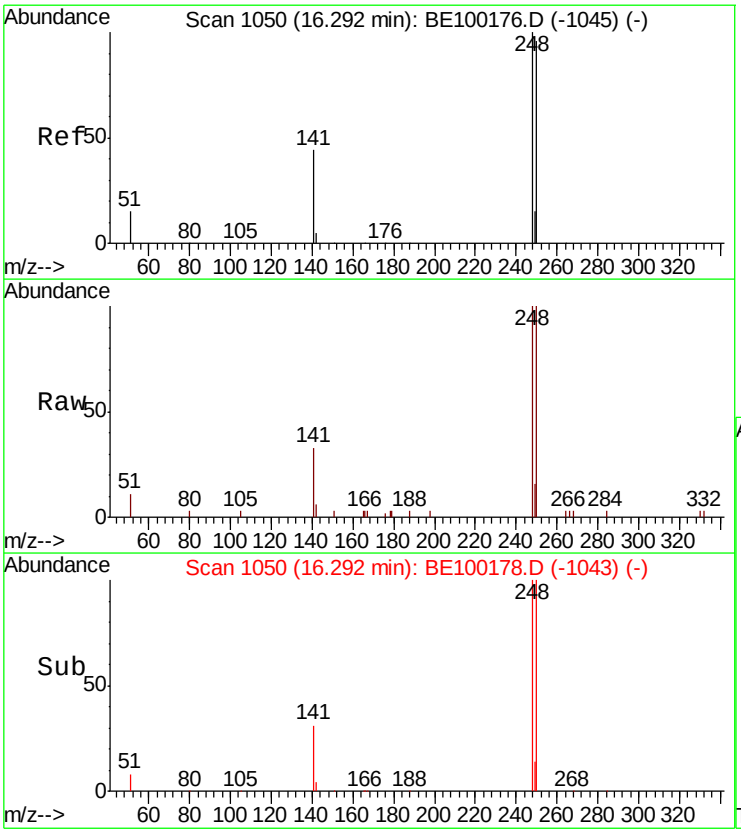
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3020

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.4	9.6

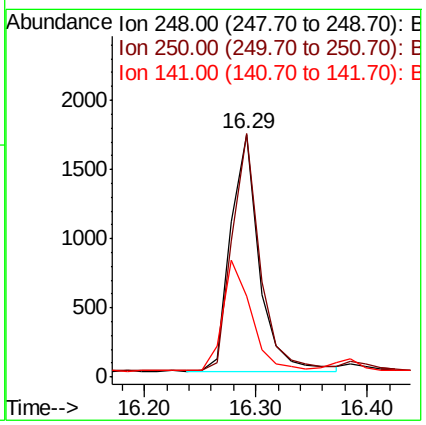


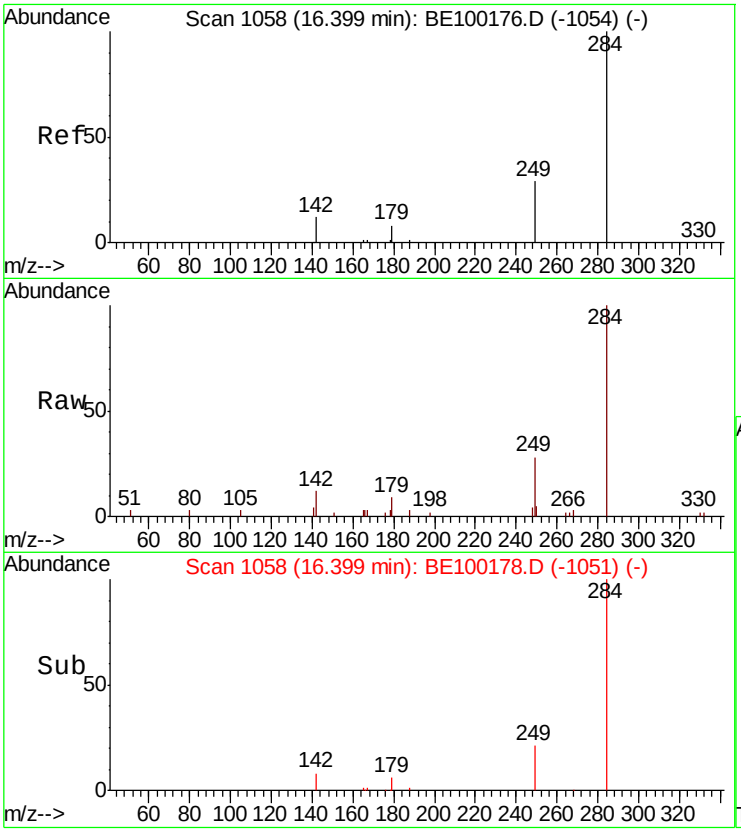


#20
4-Bromophenyl-phenylether
Concen: 1.615 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:248 Resp: 3039

Ion	Ratio	Lower	Upper
248	100		
250	100.5	77.1	115.7
141	33.4	39.5	59.3#



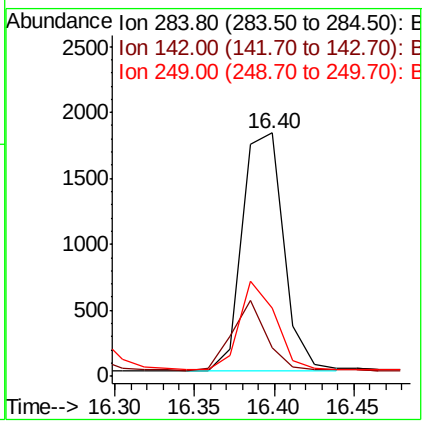


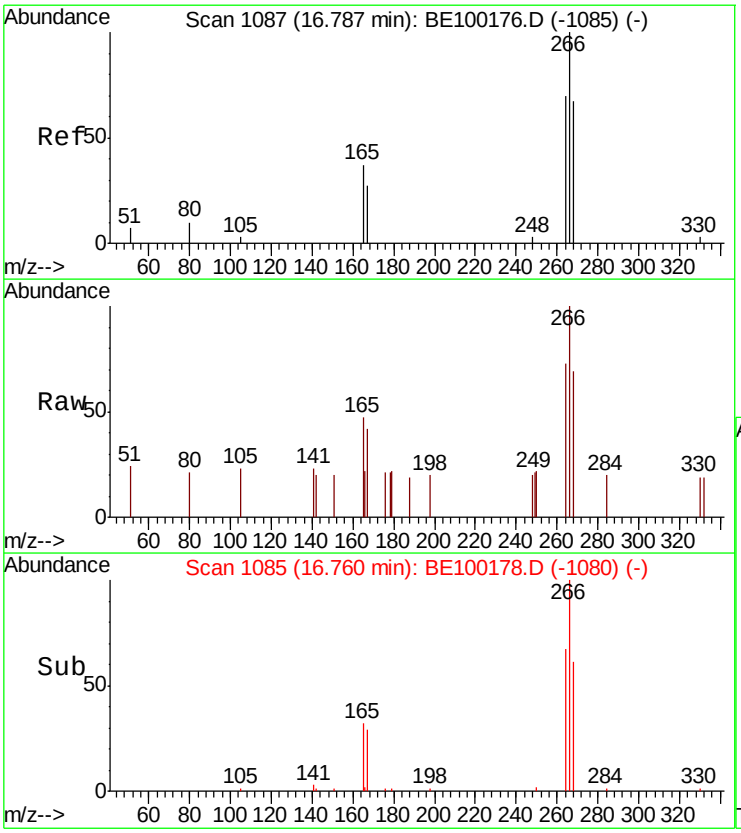
#21
Hexachlorobenzene
Concen: 1.653 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3284

Ion	Ratio	Lower	Upper
284	100		
142	24.4	20.1	30.1
249	32.1	26.2	39.4

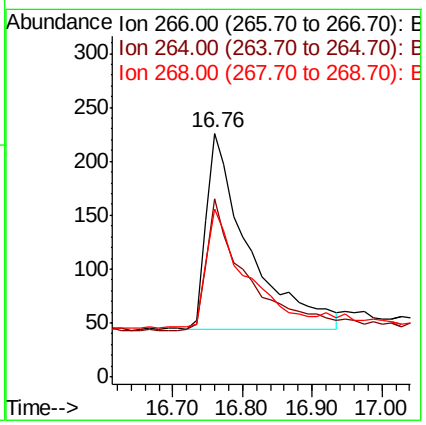


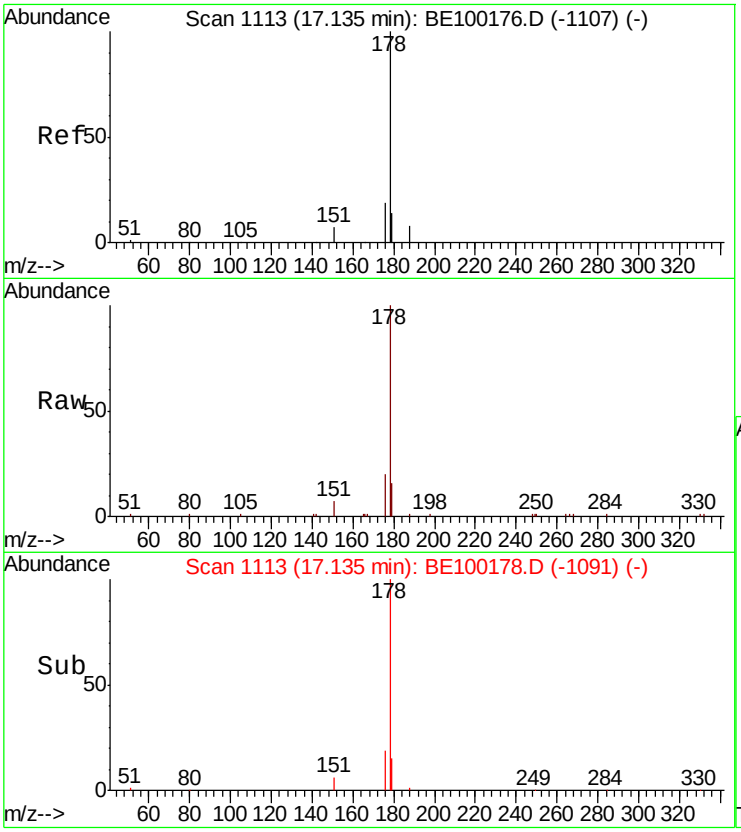


#22
Pentachlorophenol
Concen: 1.336 ng
RT: 16.76 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:266 Resp: 774

Ion	Ratio	Lower	Upper
266	100		
264	73.0	67.7	101.5
268	69.0	69.8	104.6#



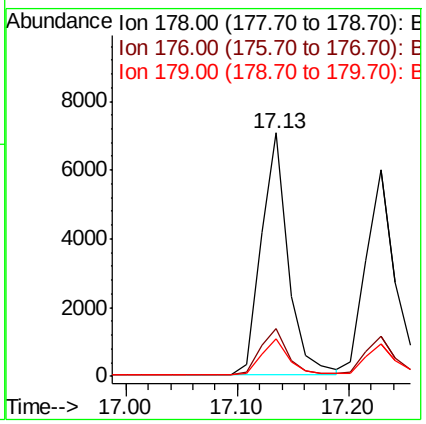


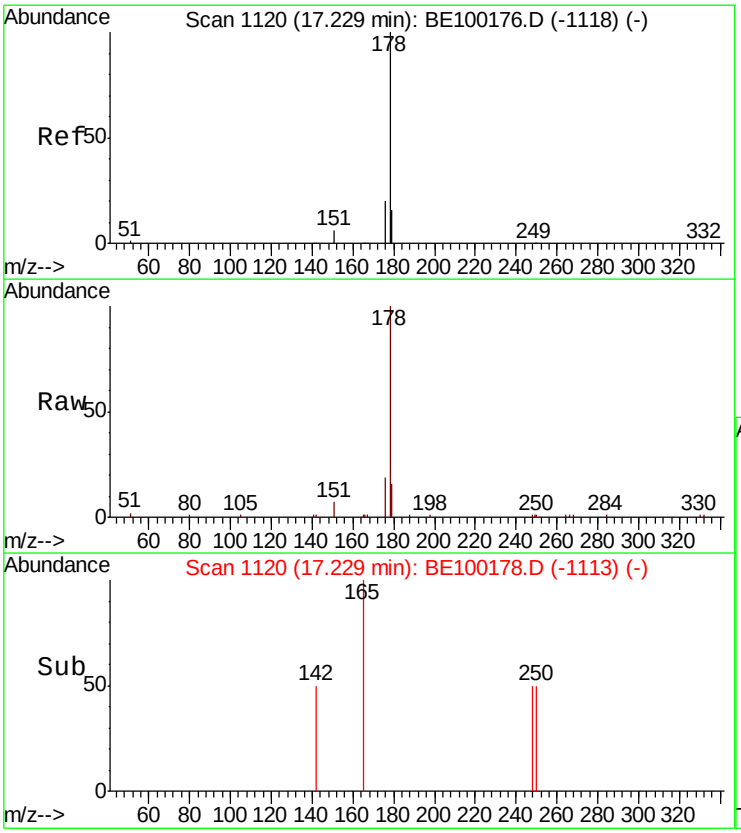
#23
Phenanthrene
Concen: 1.672 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 11814

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.2	18.2

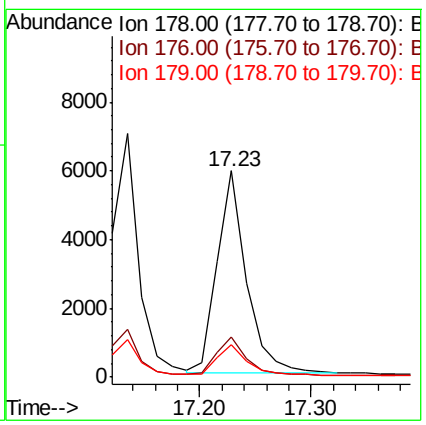


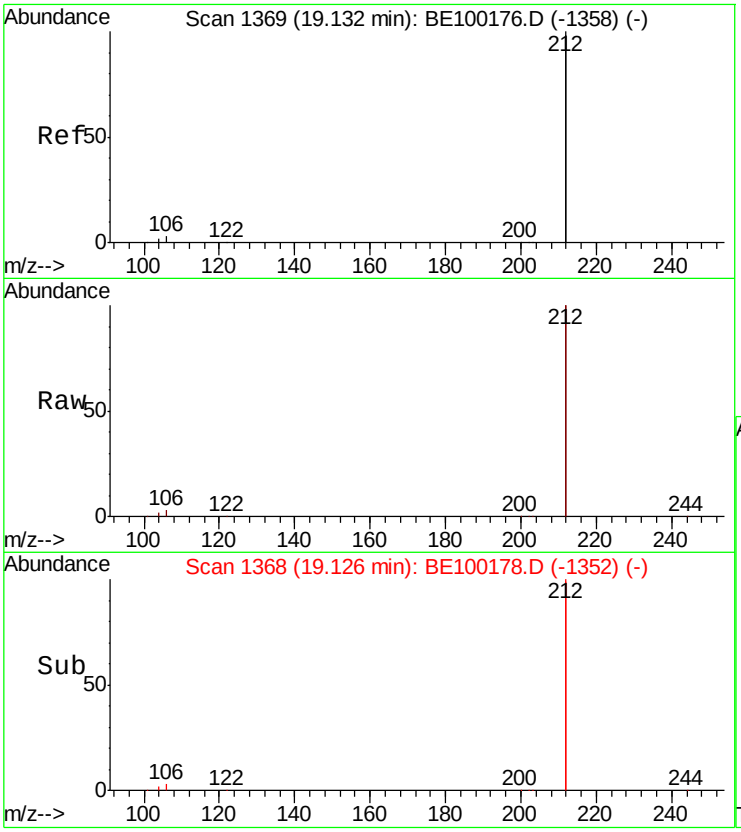


#24
Anthracene
Concen: 1.689 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:178 Resp: 10631

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.7	23.5
179	15.4	12.9	19.3



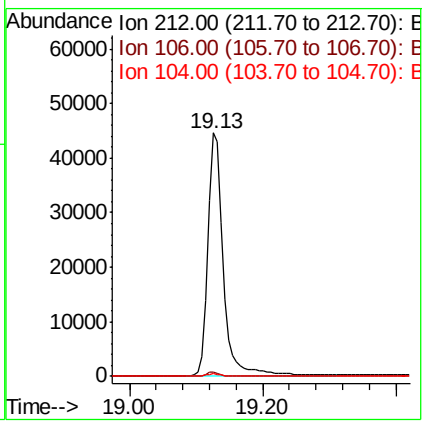


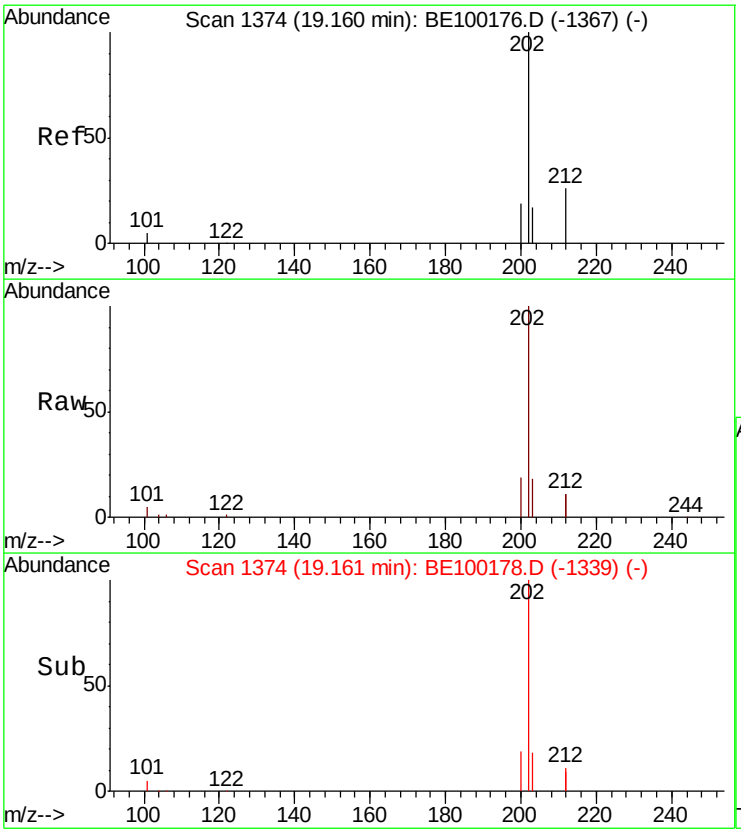
#25
Fluoranthene-d10
Concen: 1.642 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 70737

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.7	1.1

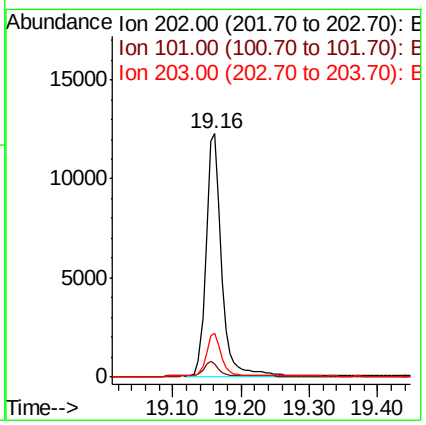


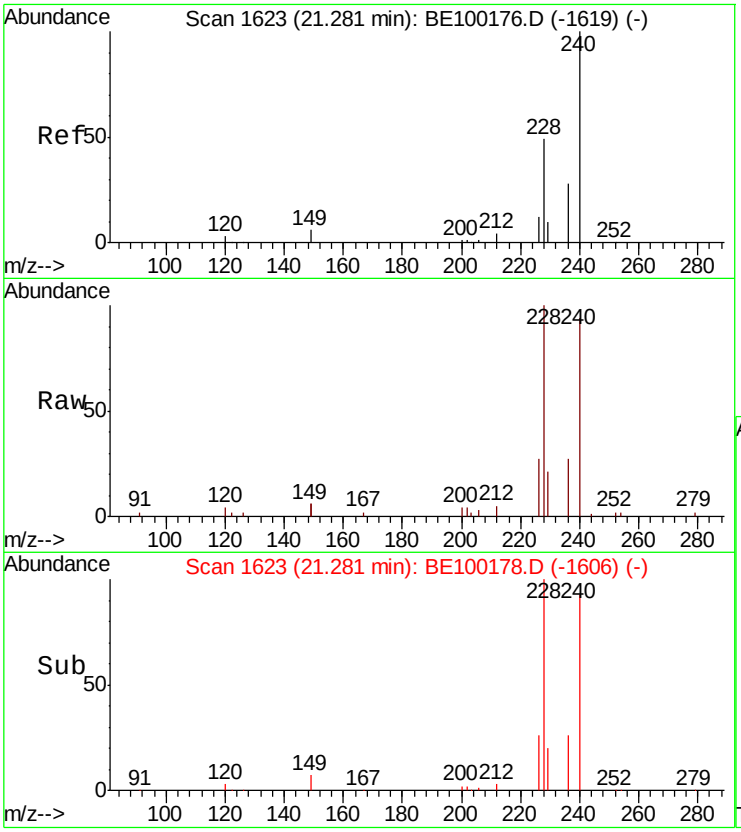


#26
Fluoranthene
Concen: 1.703 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:202 Resp: 19357

Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.5	6.7
203	17.2	13.7	20.5



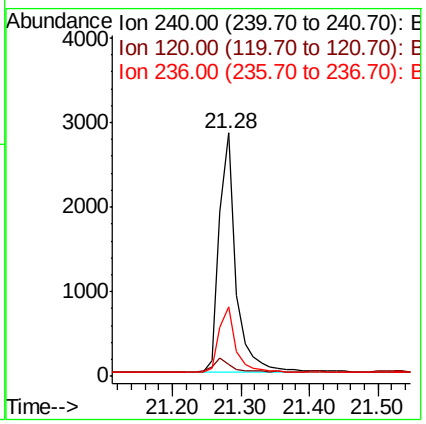


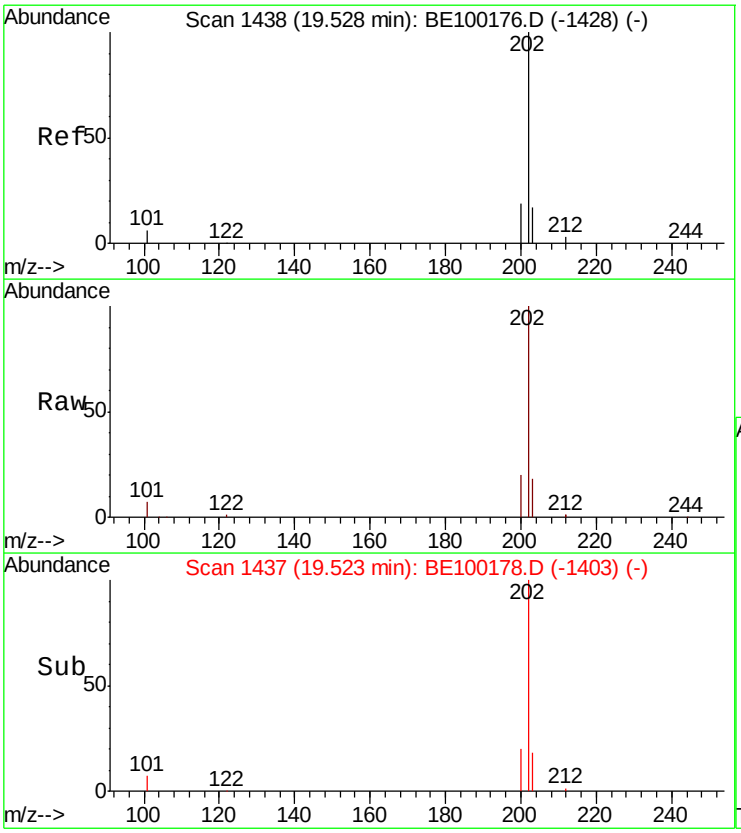
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4857

Ion	Ratio	Lower	Upper
240	100		
120	4.8	4.1	6.1
236	28.5	23.0	34.6

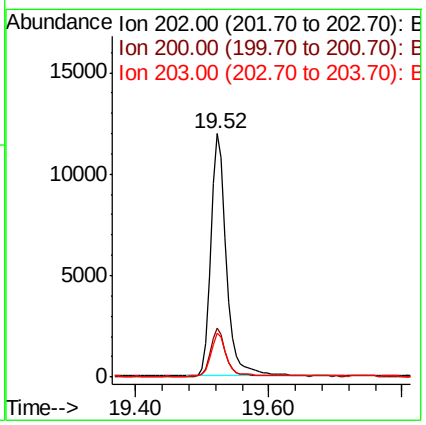


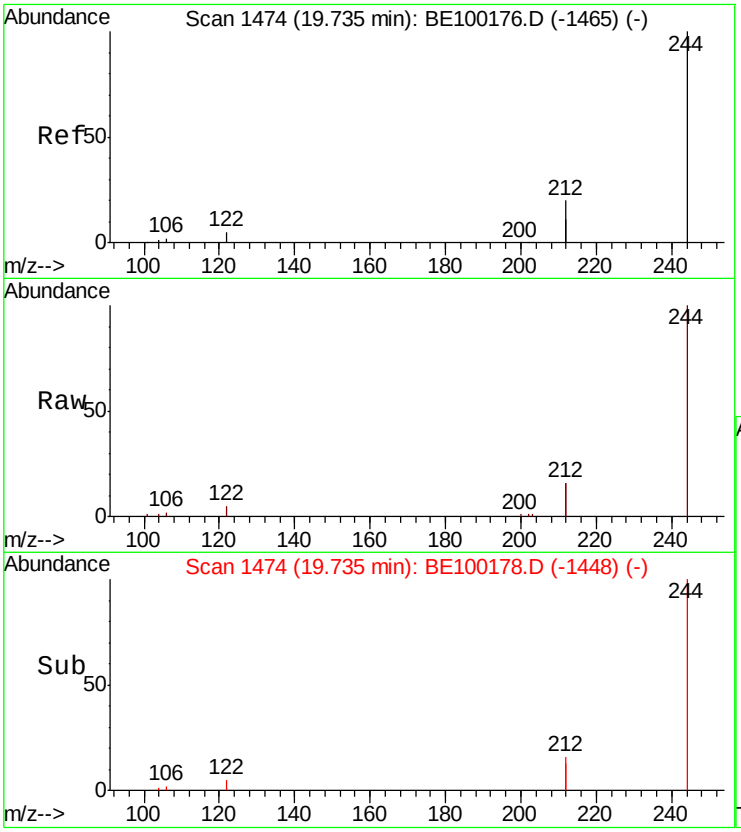


#28
Pyrene
Concen: 1.412 ng
RT: 19.52 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:202 Resp: 19293

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.5	23.3
203	17.7	13.9	20.9



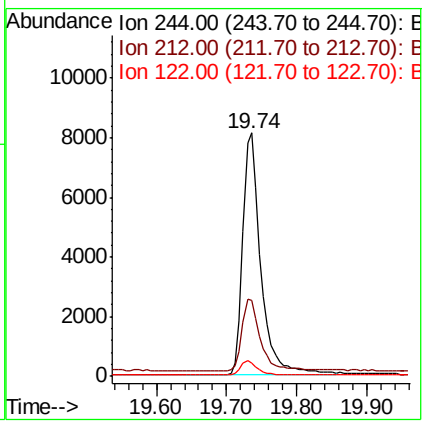


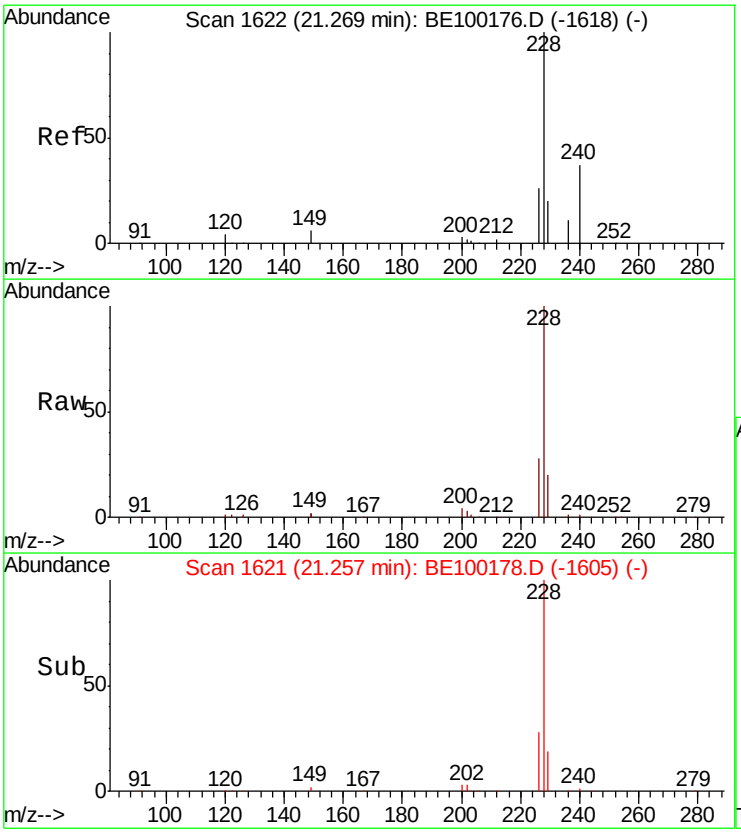
#29
Terphenyl-d14
Concen: 1.400 ng
RT: 19.74 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14531

Ion	Ratio	Lower	Upper
244	100		
212	31.2	30.7	46.1
122	5.4	5.8	8.6#

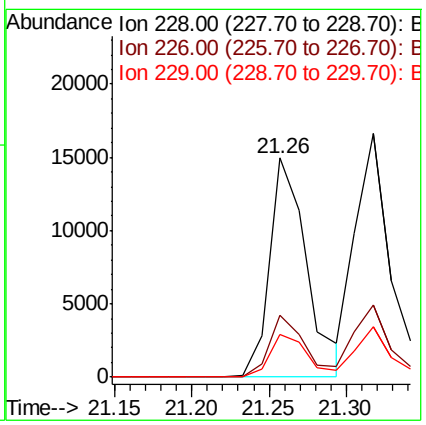


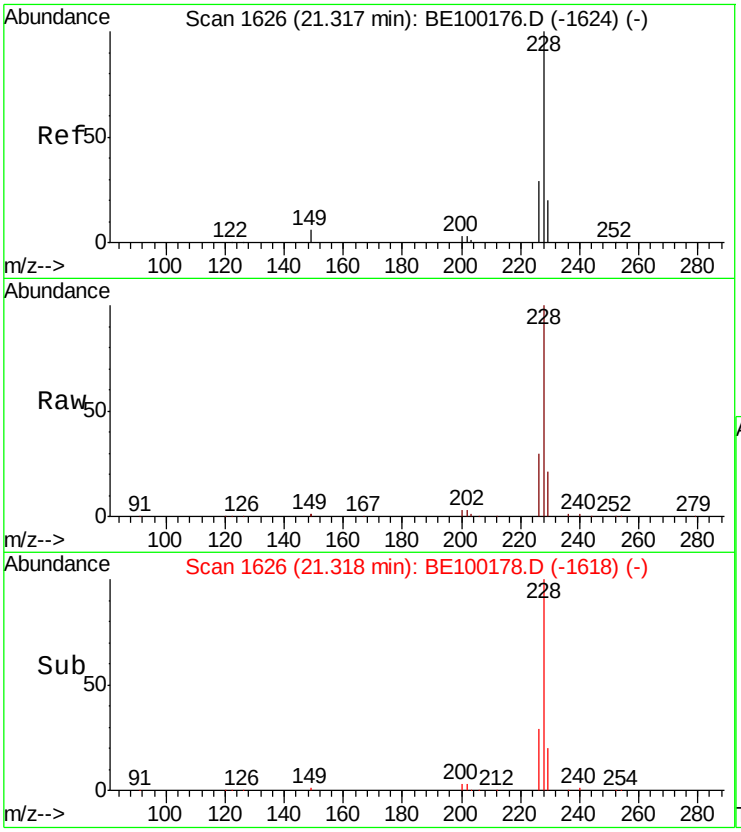


#30
Benzo(a)anthracene
Concen: 1.688 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:228 Resp: 24877

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.5	32.3
229	19.7	17.2	25.8



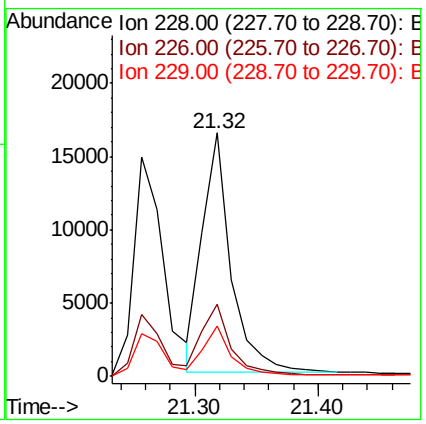


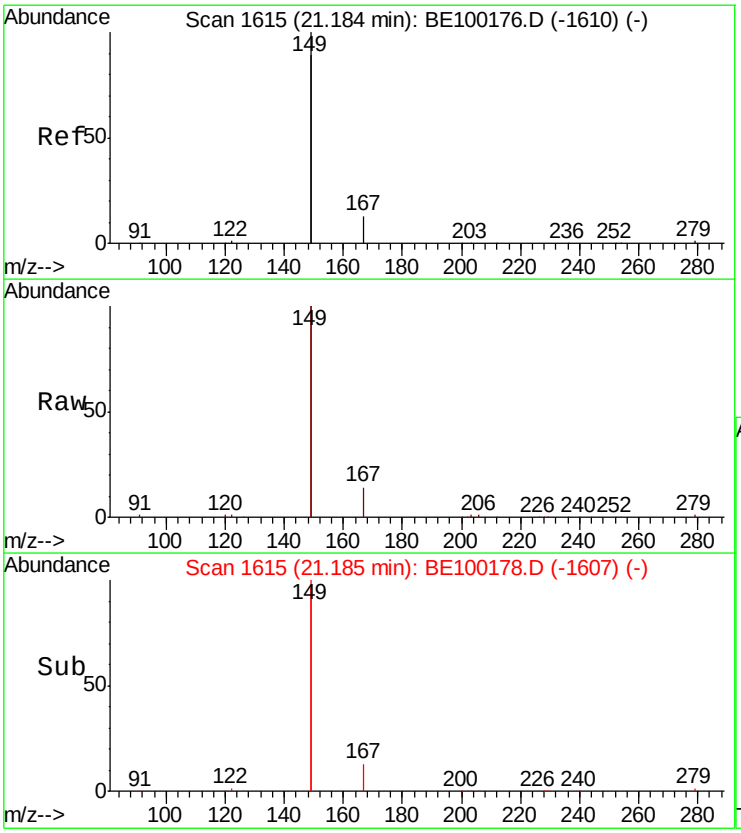
#31
Chrysene
Concen: 1.620 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 26370

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.7	35.5
229	20.5	16.5	24.7

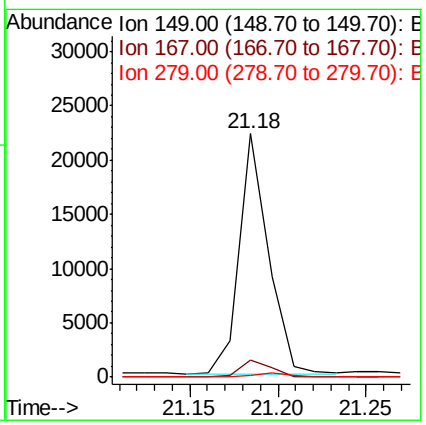


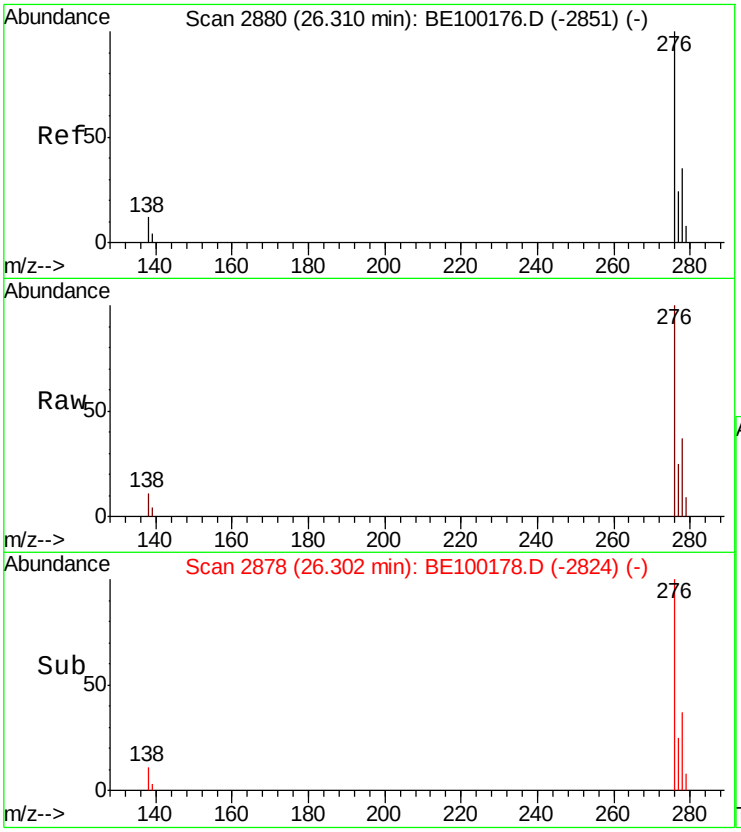


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.038 ng
RT: 21.18 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:149 Resp: 25295

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.5	1.0	1.6



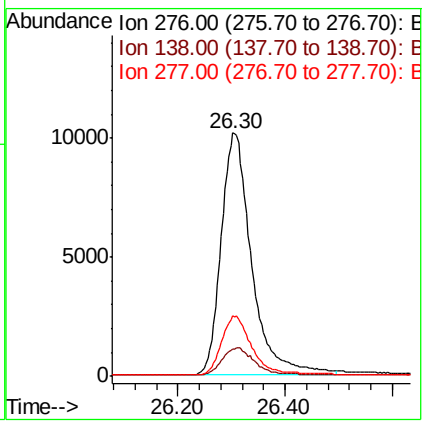


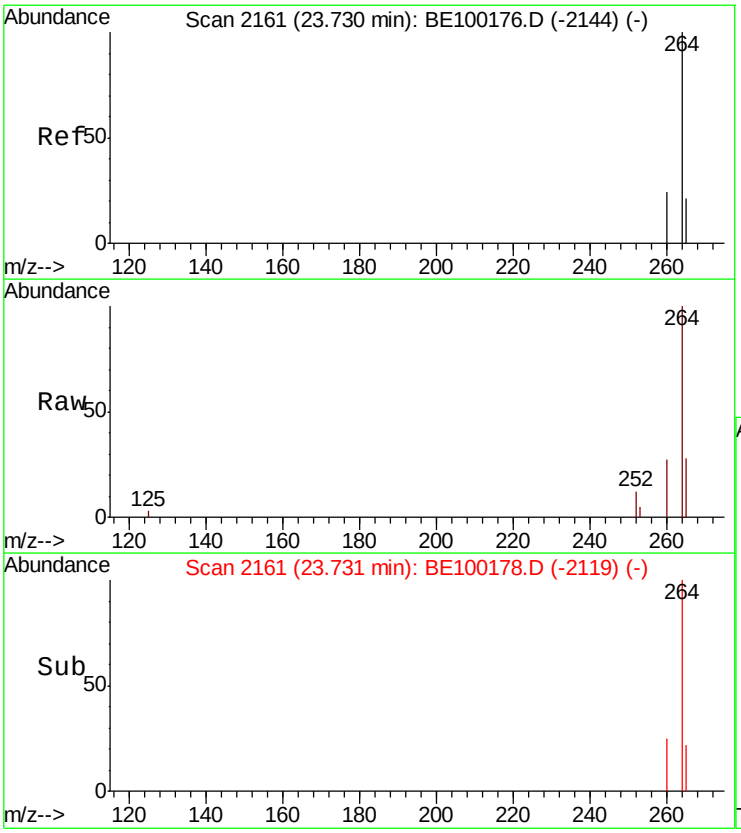
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.154 ng
RT: 26.30 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 40338

Ion	Ratio	Lower	Upper
276	100		
138	12.1	3.7	5.5#
277	24.5	18.7	28.1

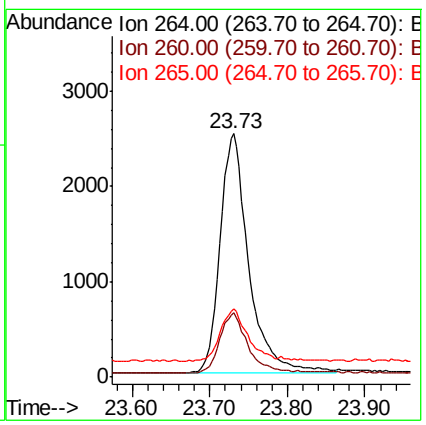


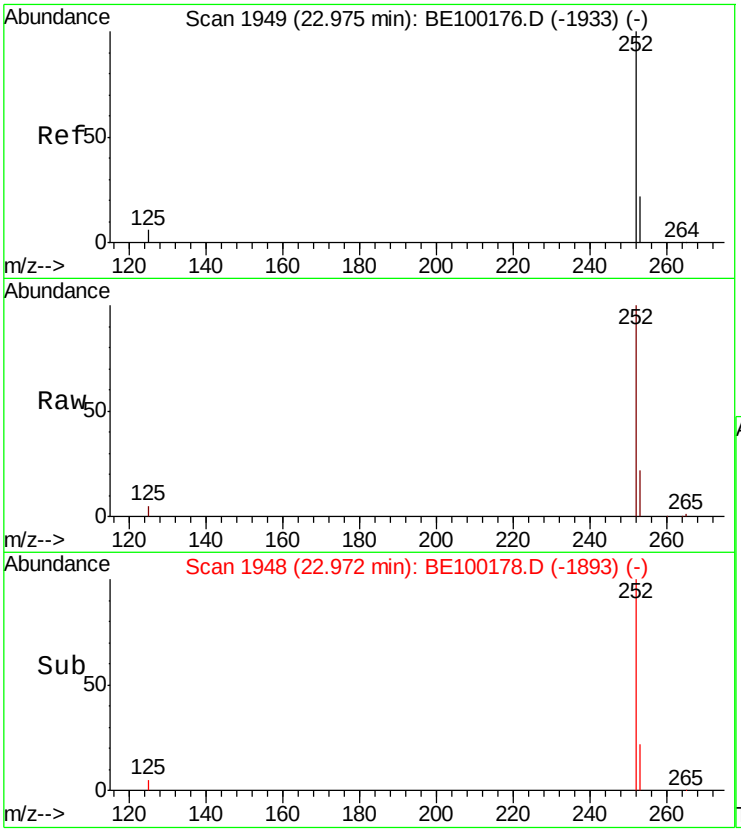


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:264 Resp: 6411

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.4	30.6
265	27.9	22.5	33.7



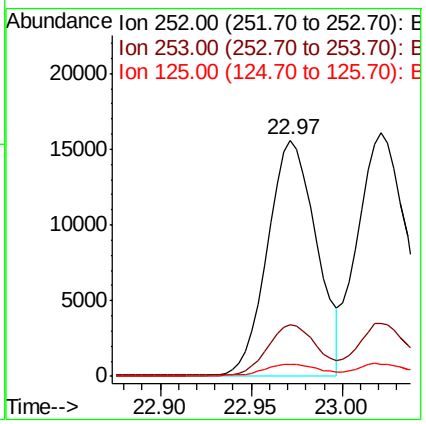


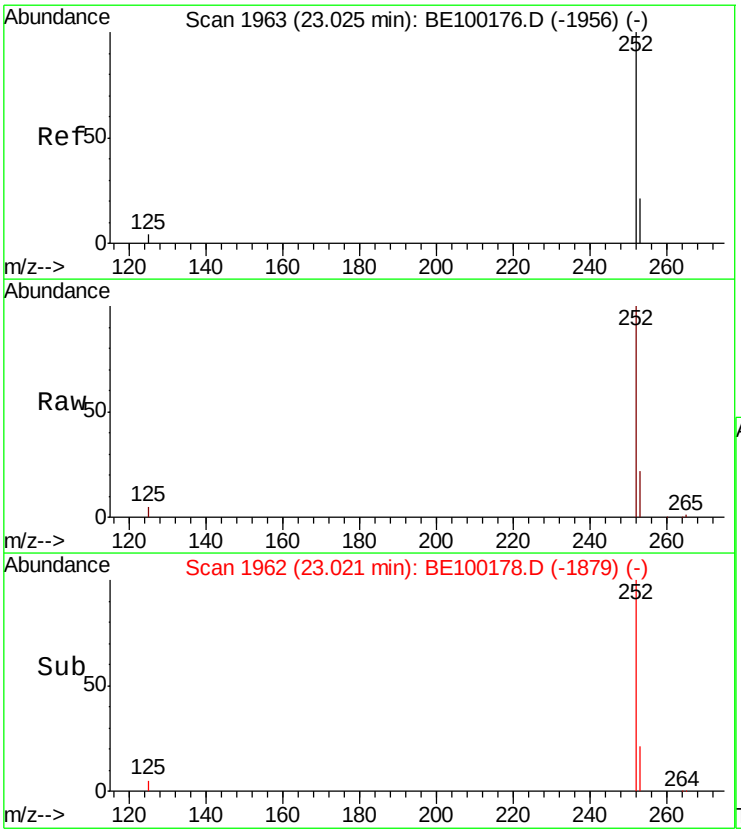
#35
Benzo(b)fluoranthene
Concen: 1.761 ng
RT: 22.97 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 28839

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.4
125	5.3	6.3	9.5#

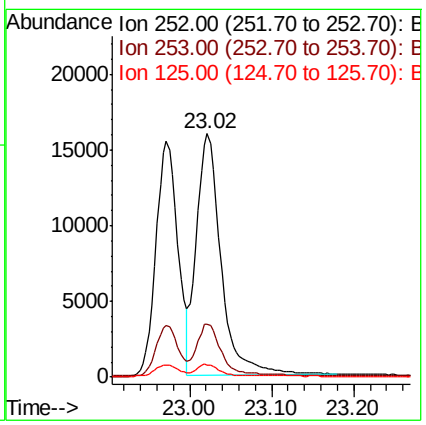


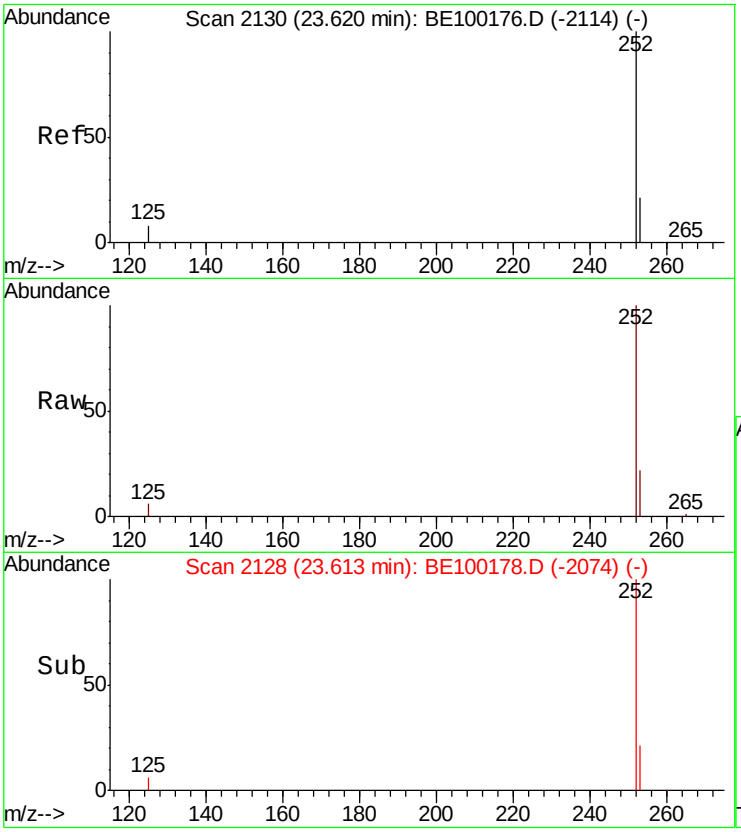


#36
Benzo(k)fluoranthene
Concen: 1.679 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:252 Resp: 33380

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	5.1	5.0	7.4



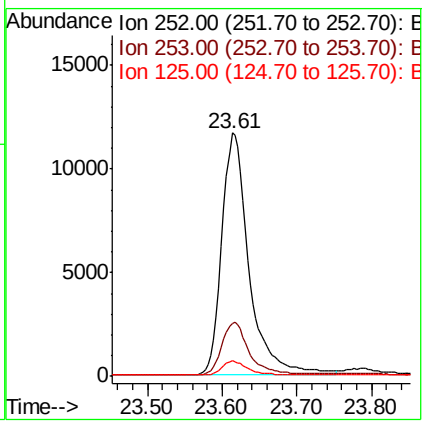


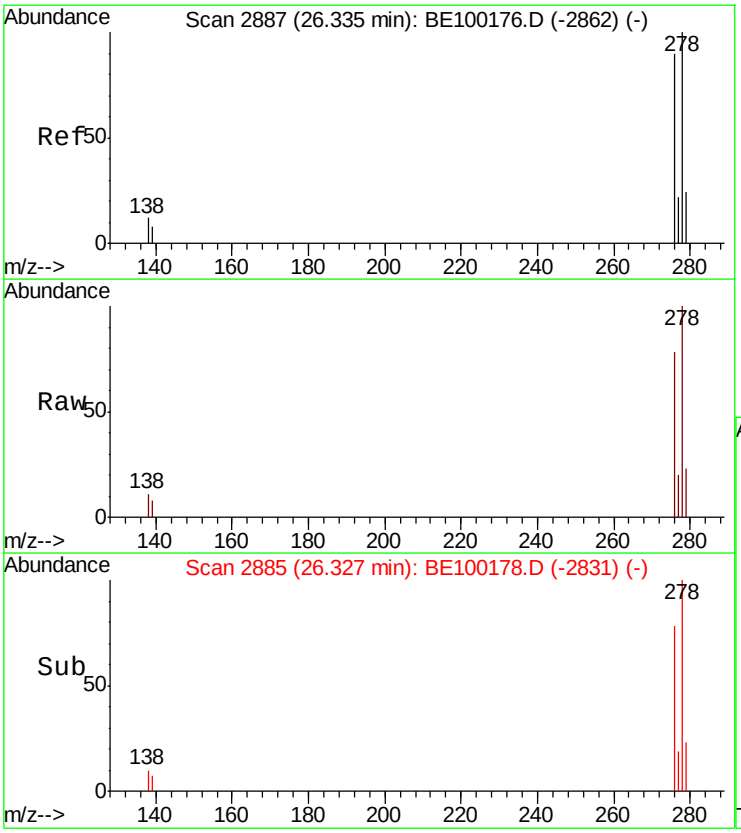
#37
Benzo(a)pyrene
Concen: 1.725 ng
RT: 23.61 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 29358

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.2	28.8
125	6.4	8.2	12.2#

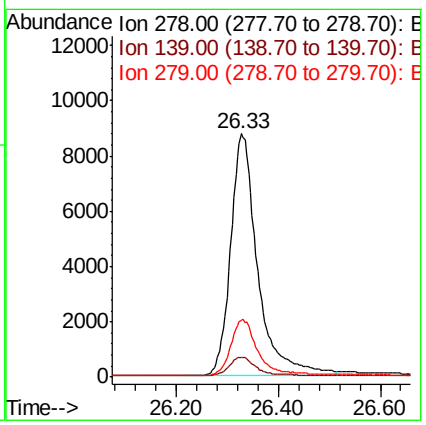


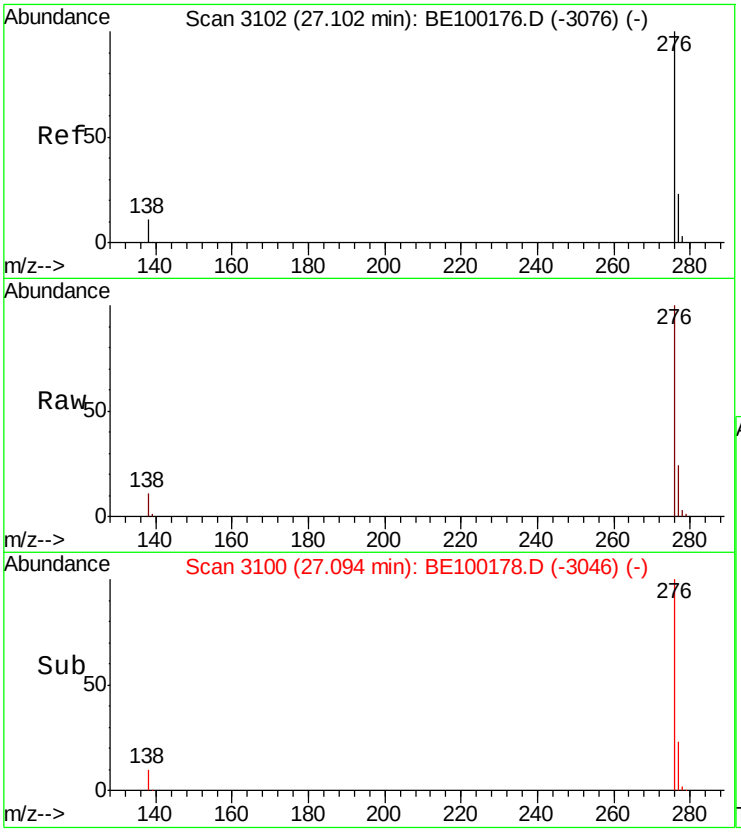


#38
Dibenzo(a,h)anthracene
Concen: 1.898 ng
RT: 26.33 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Tgt Ion:278 Resp: 32493

Ion	Ratio	Lower	Upper
278	100		
139	8.0	9.0	13.4#
279	23.4	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 1.868 ng
RT: 27.09 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BE100178.D
Acq: 25 Jun 2019 12:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 33463

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.6
138	10.6	10.2	15.4