Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098661.D
Acq On : 17 Jan 2019 23:55
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 18 01:58:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1023	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	4583	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	3056	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	7547	0.40	ng		-0.01
27) Chrysene-d12	21.41	240	8529	0.40	ng		0.00
34) Perylene-d12	23.92	264	8222	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1064	0.39	ng		0.00
5) Phenol-d6	6.99	99	1564	0.40	ng		0.00
8) Nitrobenzene-d5	8.96	82	1680	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	2827	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	557	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	4778	0.38	ng		0.00
25) Fluoranthene-d10	19.26	212	32464	0.35	ng		0.00
29) Terphenyl-d14	19.86	244	7188	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	634	0.325	ng		95
3) n-Nitrosodimethylamine	3.65	42	570	0.390	ng	#	99
6) bis(2-Chloroethyl)ether	7.23	93	1078	0.367	ng		85
9) Naphthalene	10.65	128	16526	0.362	ng		100
10) Hexachlorobutadiene	10.93	225	1271	0.389	ng		97
12) 2-Methylnaphthalene	12.28	142	2739	0.362	ng		97
16) Acenaphthylene	14.20	152	4789	0.362	ng		99
17) Acenaphthene	14.54	154	2972	0.358	ng		99
18) Fluorene	15.52	166	3984	0.369	ng		99
20) 4-Bromophenyl-phenylether	16.41	248	1462	0.366	ng		92
21) Hexachlorobenzene	16.53	284	1743	0.361	ng		97
22) Pentachlorophenol	16.89	266	485	0.447	ng		97
23) Phenanthrene	17.27	178	6280	0.351	ng		100
24) Anthracene	17.36	178	5258	0.343	ng		98
26) Fluoranthene	19.29	202	7963	0.346	ng		99
28) Pyrene	19.65	202	8267	0.352	ng		100
30) Benzo(a)anthracene	21.39	228	8111	0.354	ng		98
31) Chrysene	21.45	228	8421	0.354	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	16210	0.333	ng		99
33) Indeno(1,2,3-cd)pyrene	26.57	276	9117	0.372	ng		99
35) Benzo(b)fluoranthene	23.15	252	8113	0.362	ng		98
36) Benzo(k)fluoranthene	23.20	252	8900	0.363	ng		99
37) Benzo(a)pyrene	23.81	252	8156	0.370	ng		99
38) Dibenzo(a,h)anthracene	26.59	278	7593	0.389	ng		97
39) Benzo(g,h,i)perylene	27.38	276	7848	0.367	ng		99

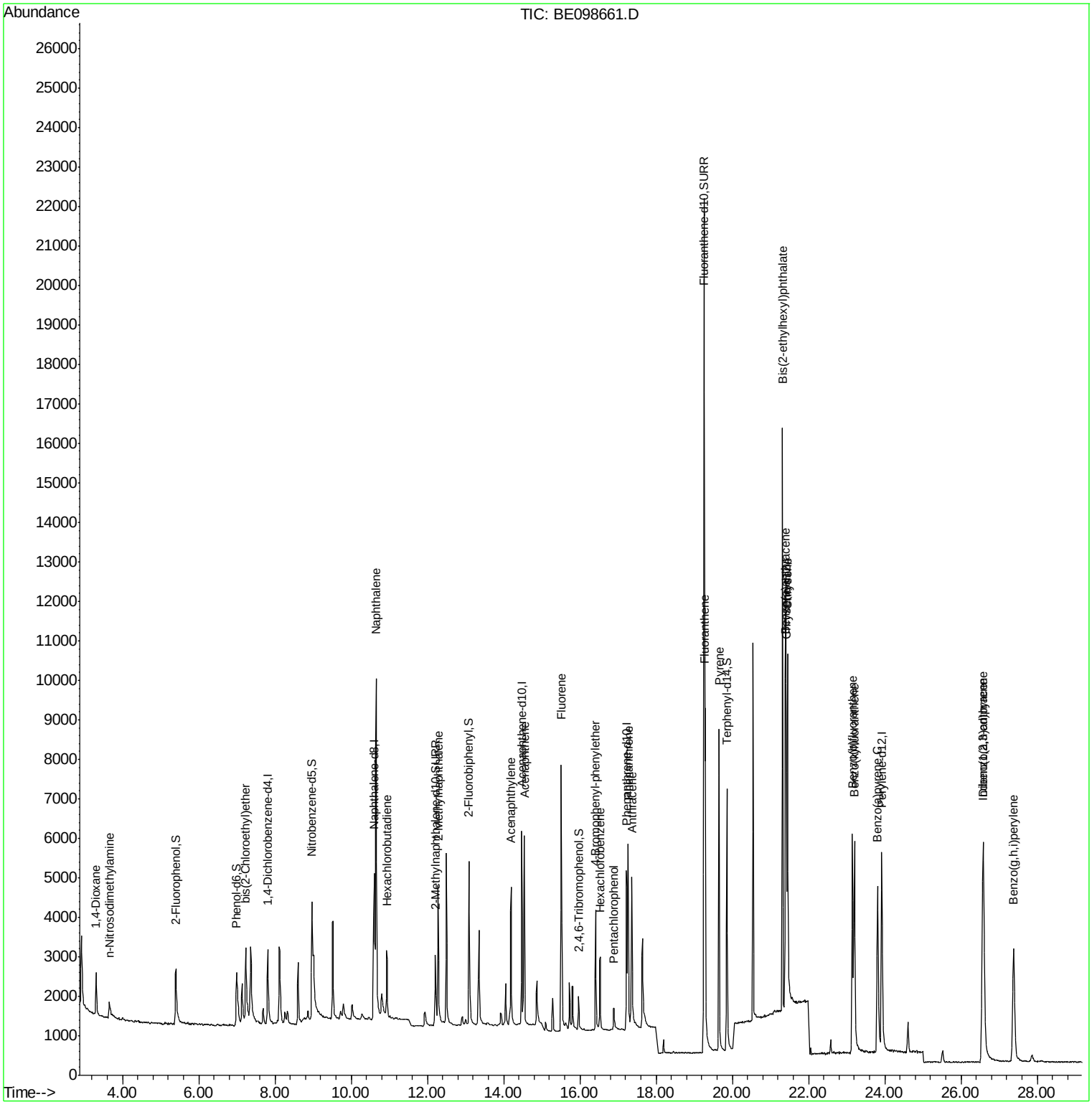
(#) = qualifier out of range (m) = manual integration (+) = signals summed

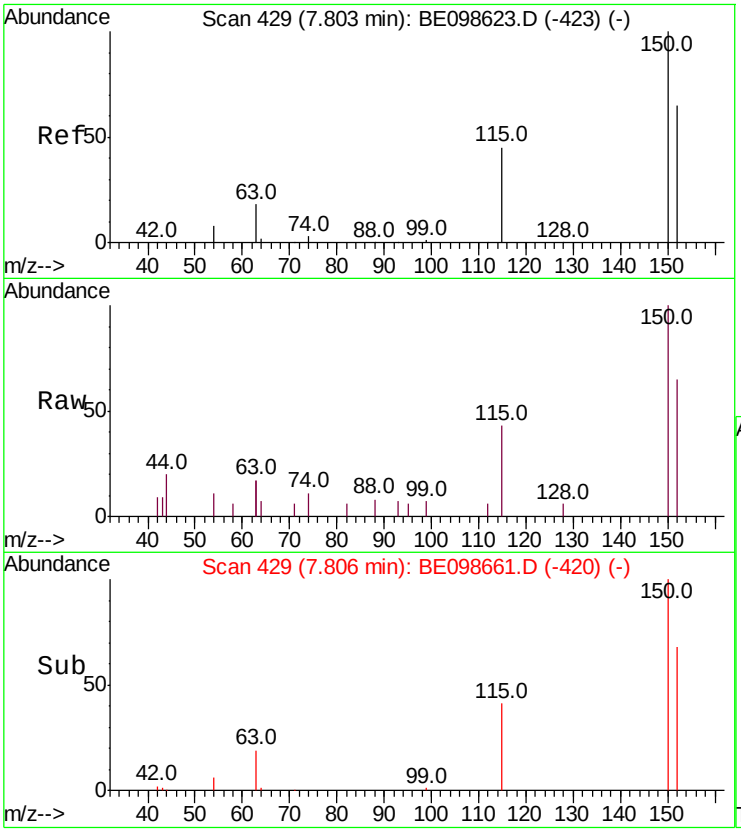
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098661.D
Acq On : 17 Jan 2019 23:55
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 18 01:58:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration



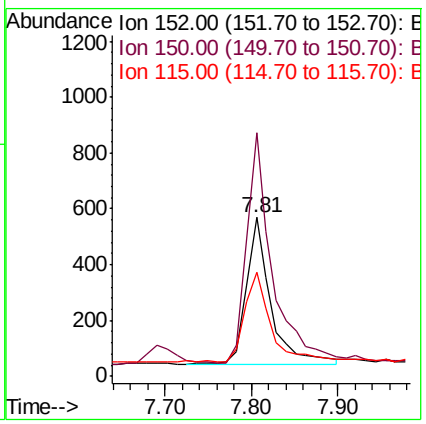


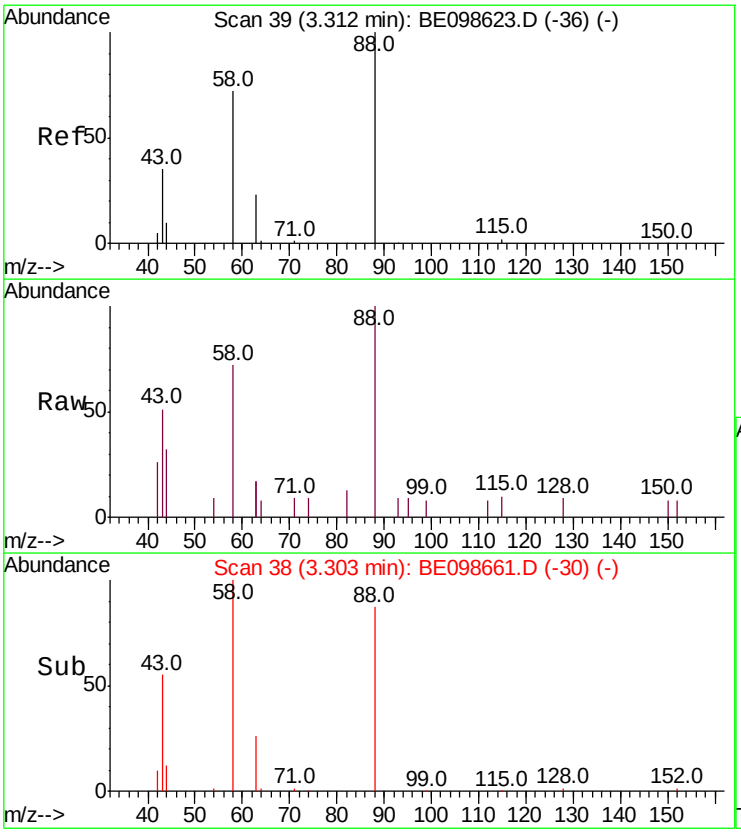
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1023

Ion	Ratio	Lower	Upper
152	100		
150	153.3	121.4	182.2
115	65.6	59.1	88.7

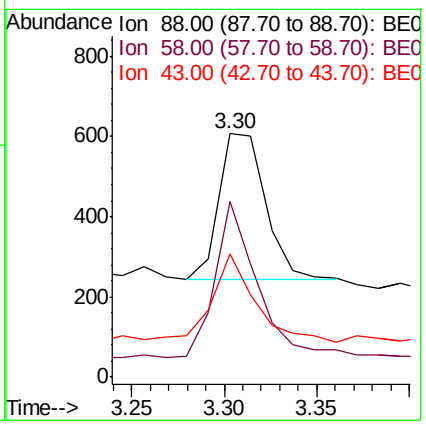


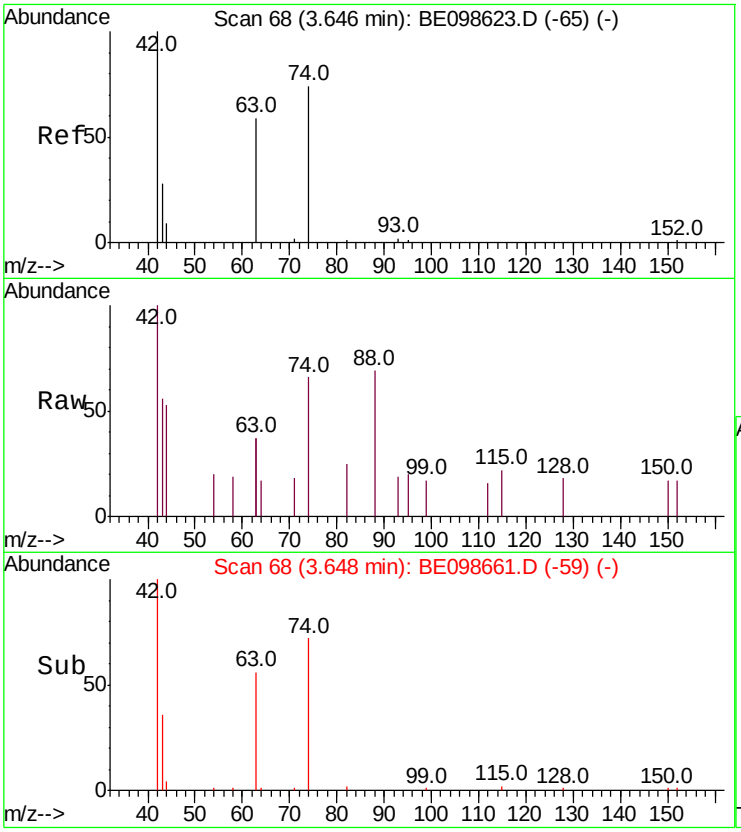


#2
1,4-Dioxane
Concen: 0.325 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion: 88 Resp: 634

Ion	Ratio	Lower	Upper
88	100		
58	98.4	73.9	110.9
43	57.3	43.7	65.5



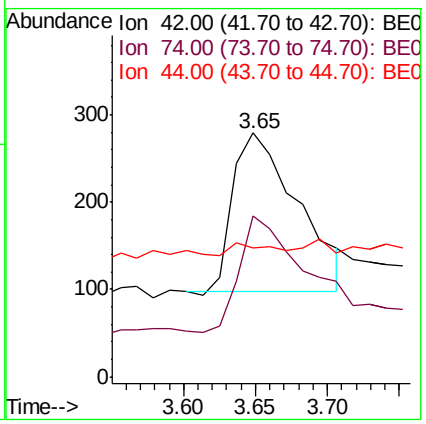


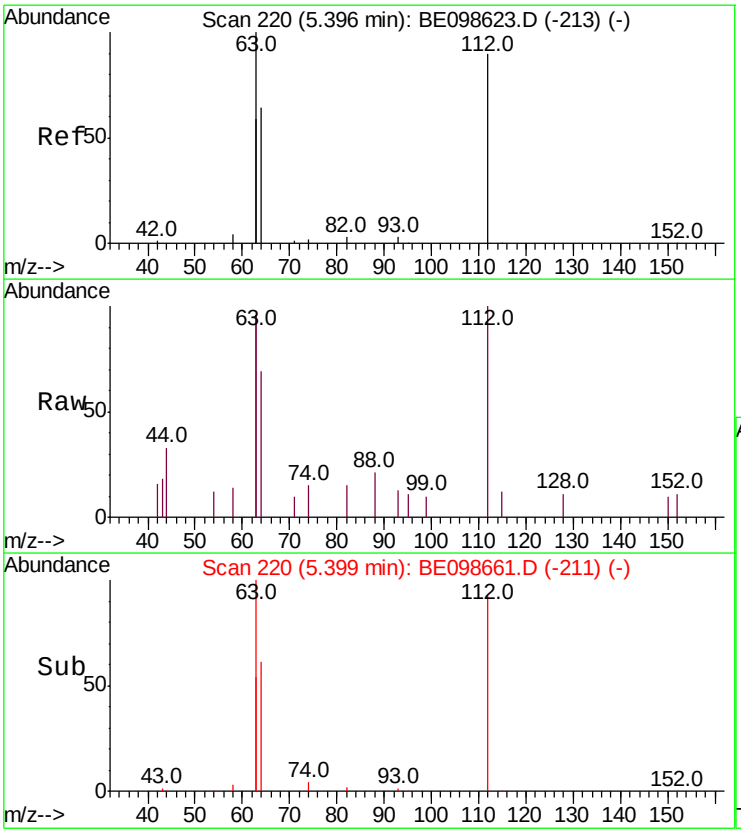
#3
n-Nitrosodimethylamine
Concen: 0.390 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Tgt Ion: 42 Resp: 570

Ion	Ratio	Lower	Upper
42	100		
74	72.8	58.9	88.3
44	4.7	0.0	0.0#

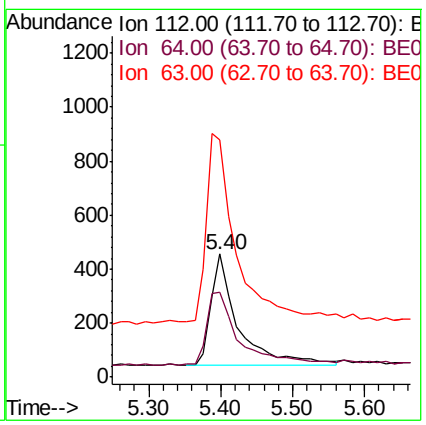


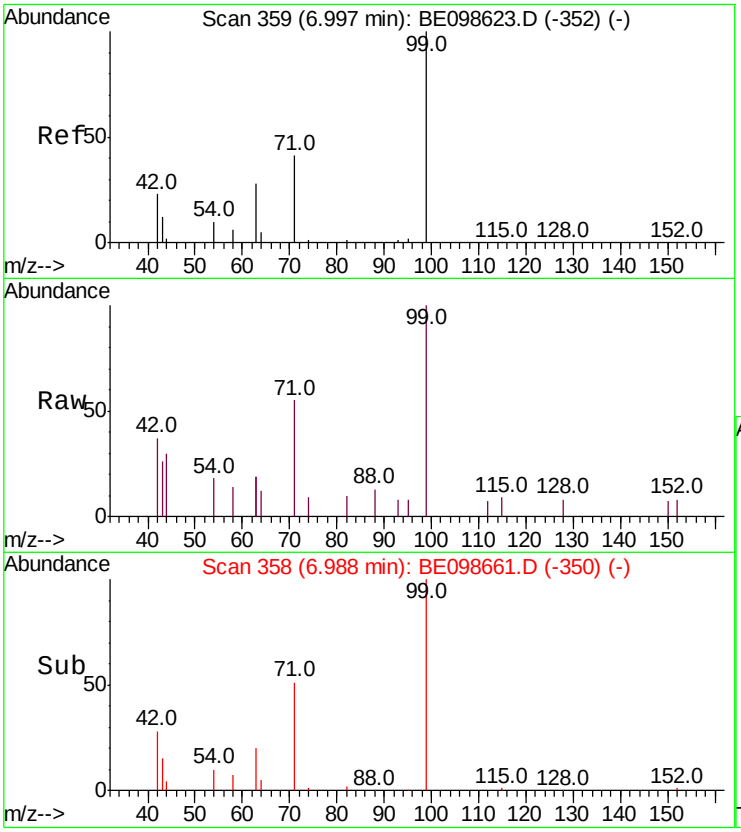


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:112 Resp: 1064

Ion	Ratio	Lower	Upper
112	100		
64	77.2	62.9	94.3
63	191.8	152.2	228.4



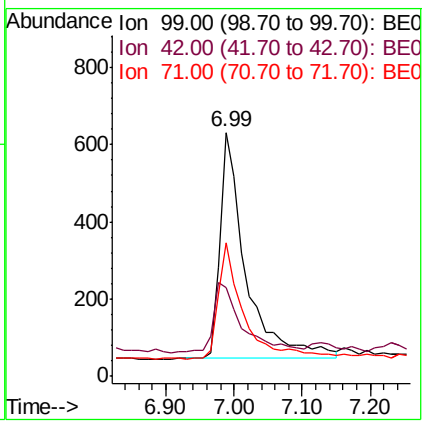


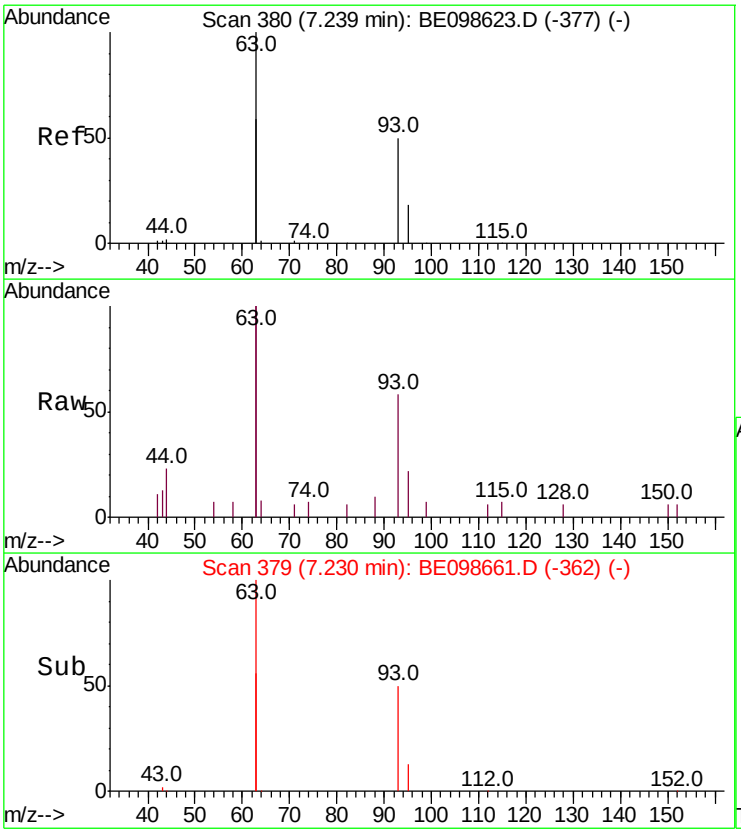
#5
Phenol-d6
Concen: 0.403 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1564

Ion	Ratio	Lower	Upper
99	100		
42	33.2	24.6	37.0
71	53.7	35.1	52.7#

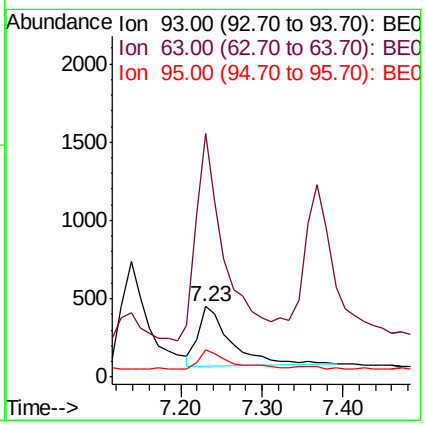


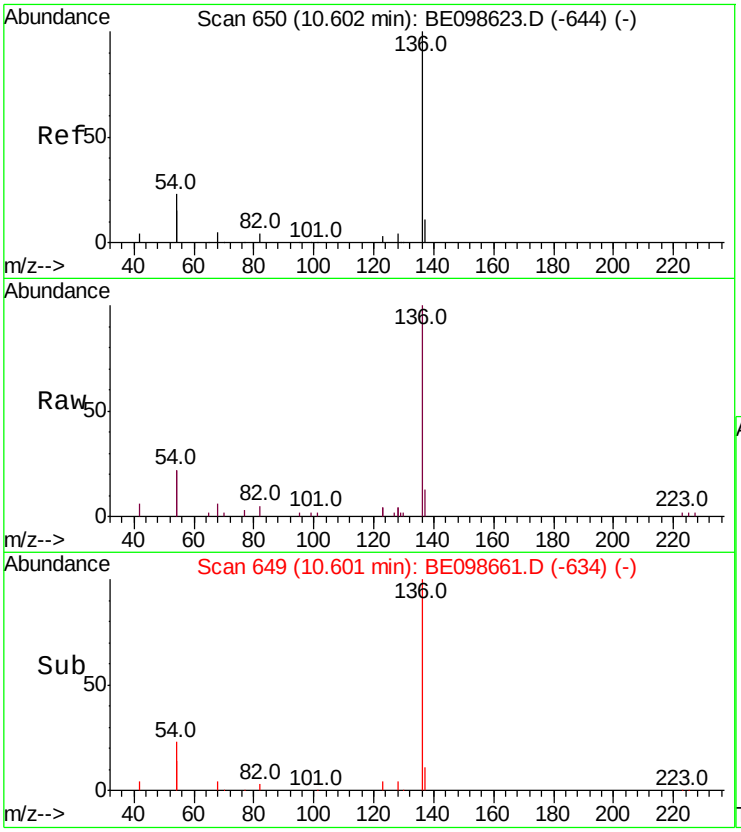


#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion: 93 Resp: 1078

Ion	Ratio	Lower	Upper
93	100		
63	301.3	267.3	400.9
95	27.8	26.2	39.4



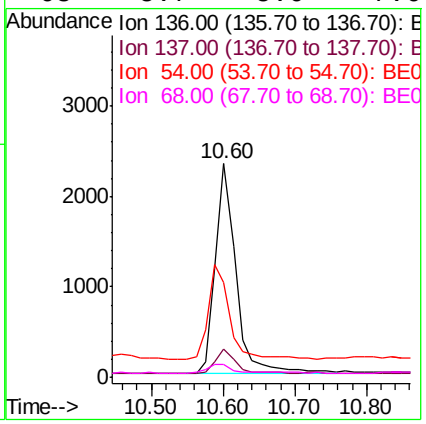


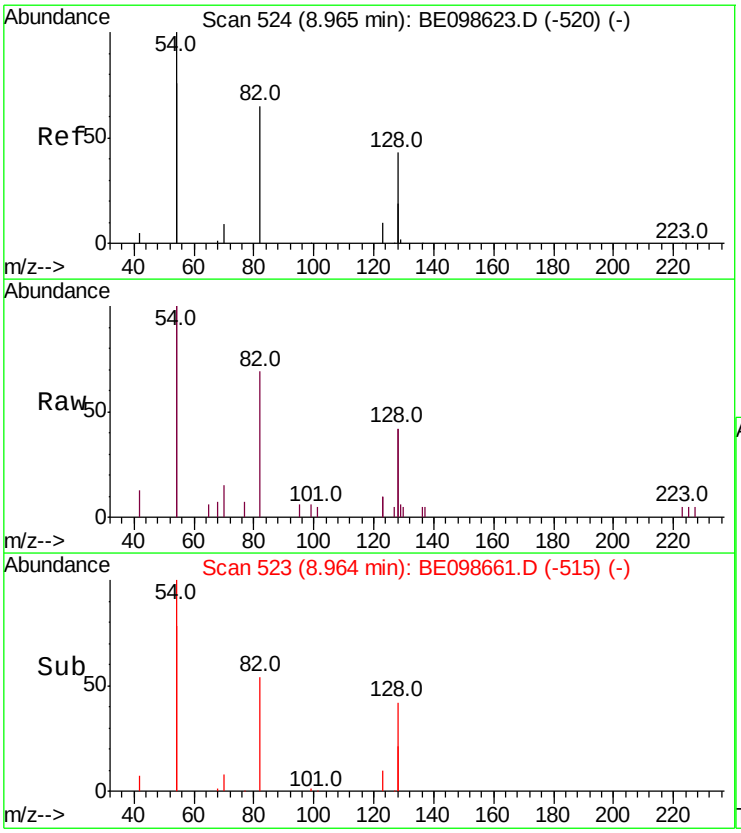
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 4583

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.7	14.5
54	44.2	35.5	53.3
68	5.7	5.0	7.6

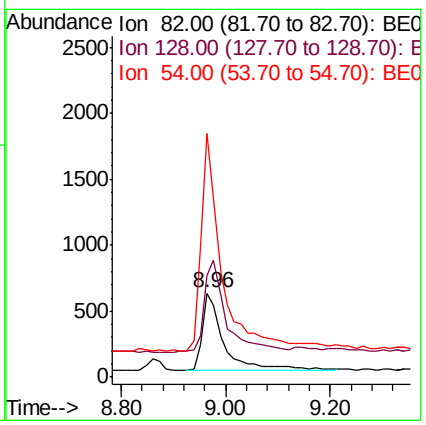


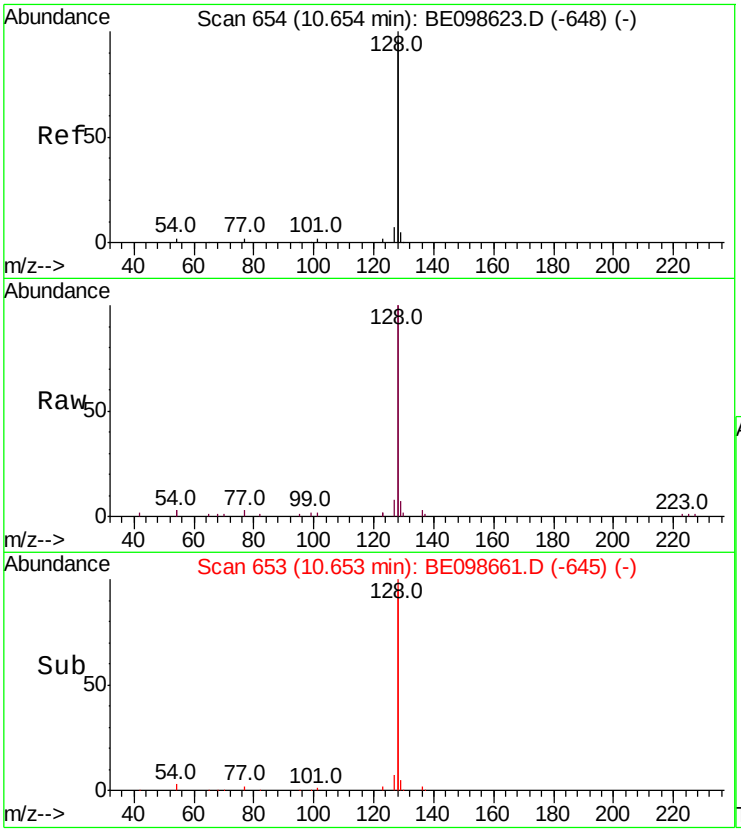


#8
Nitrobenzene-d5
Concen: 0.462 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion: 82 Resp: 1680

Ion	Ratio	Lower	Upper
82	100		
128	120.6	96.5	144.7
54	289.8	224.7	337.1



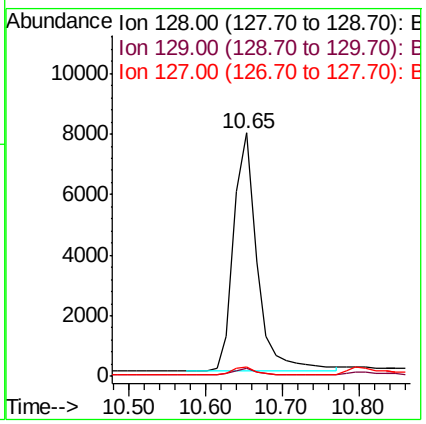


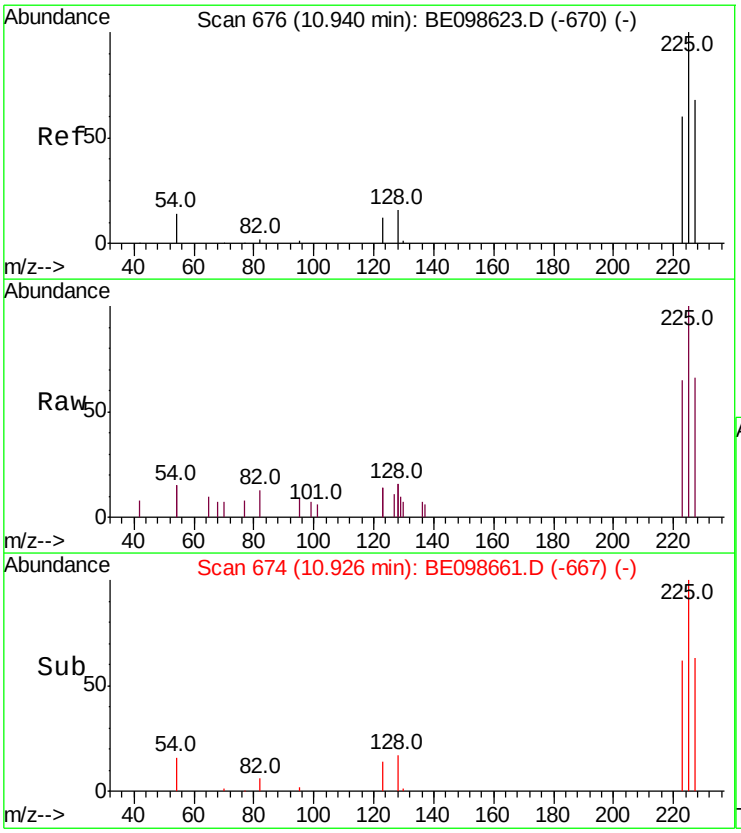
#9
Naphthalene
Concen: 0.362 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 16526

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.9	3.0	4.6

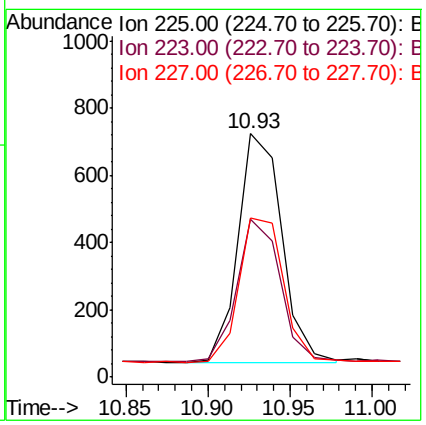


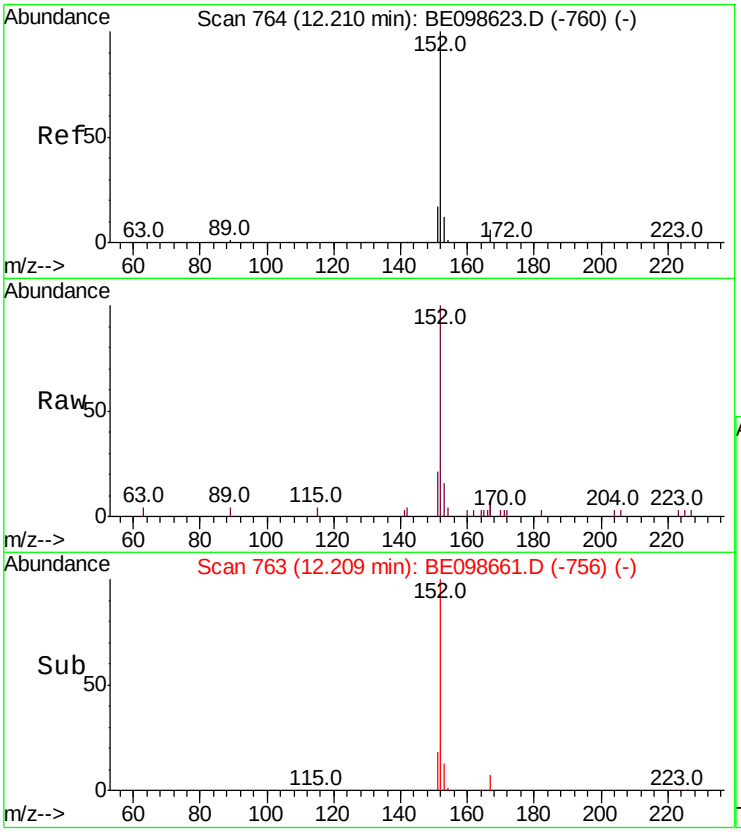


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:225 Resp: 1271

Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.8	71.8
227	65.3	50.5	75.7



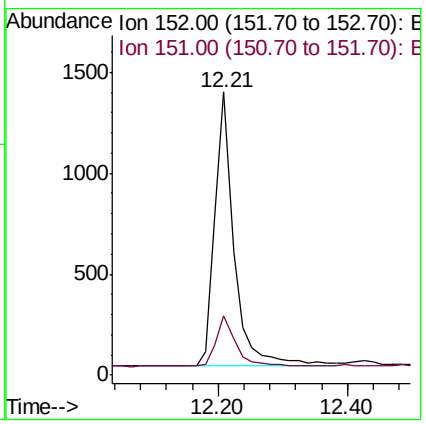


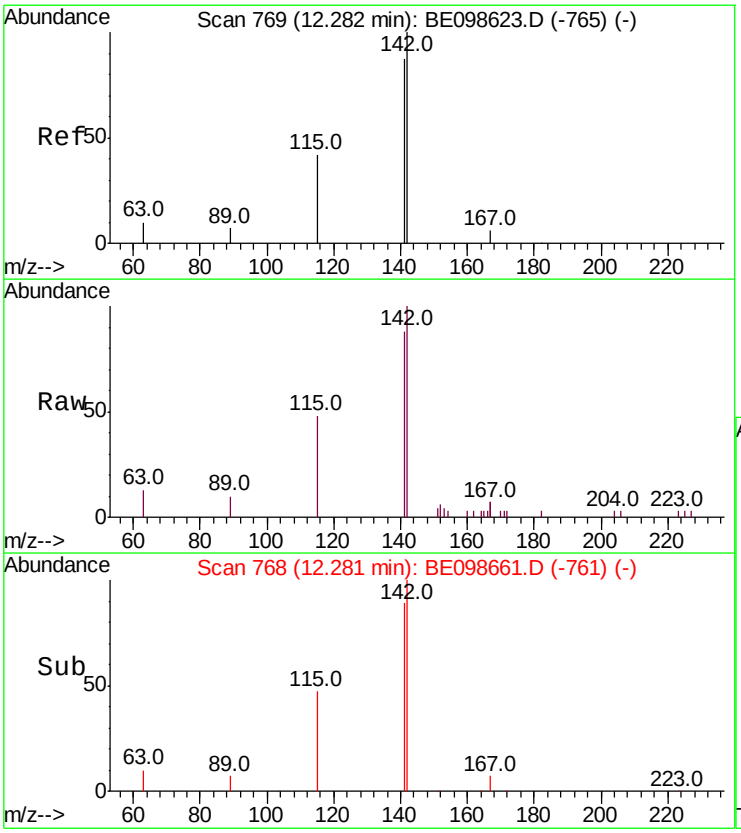
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2827

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

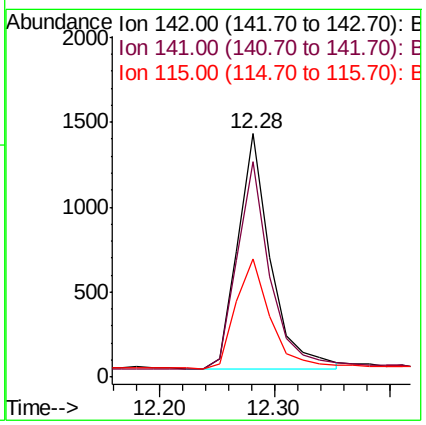


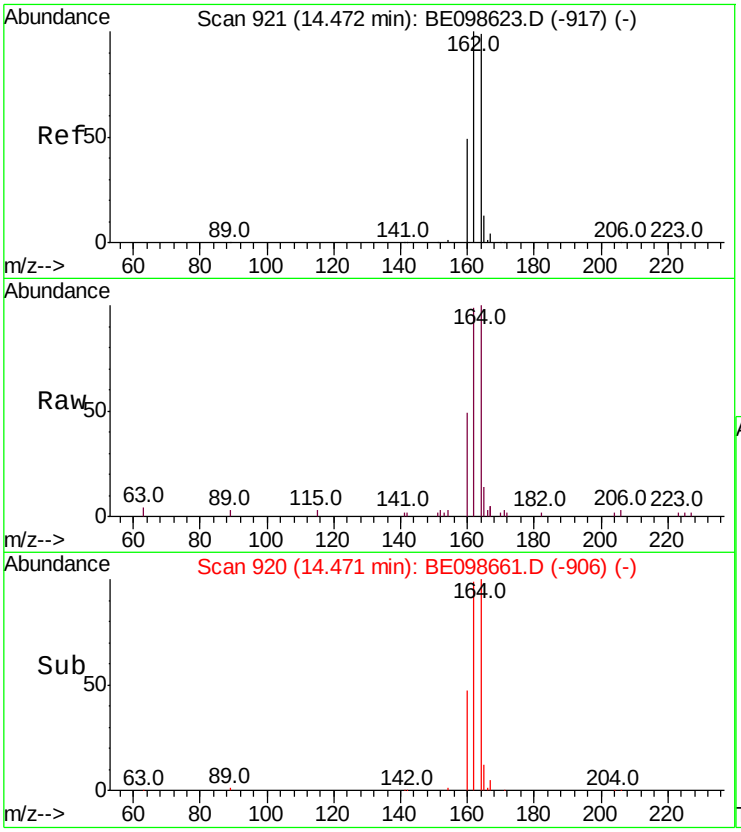


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:142 Resp: 2739

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	48.5	35.2	52.8



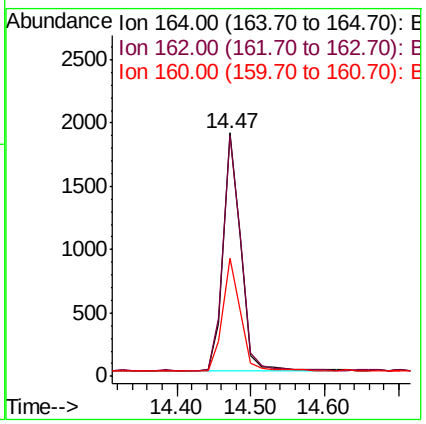


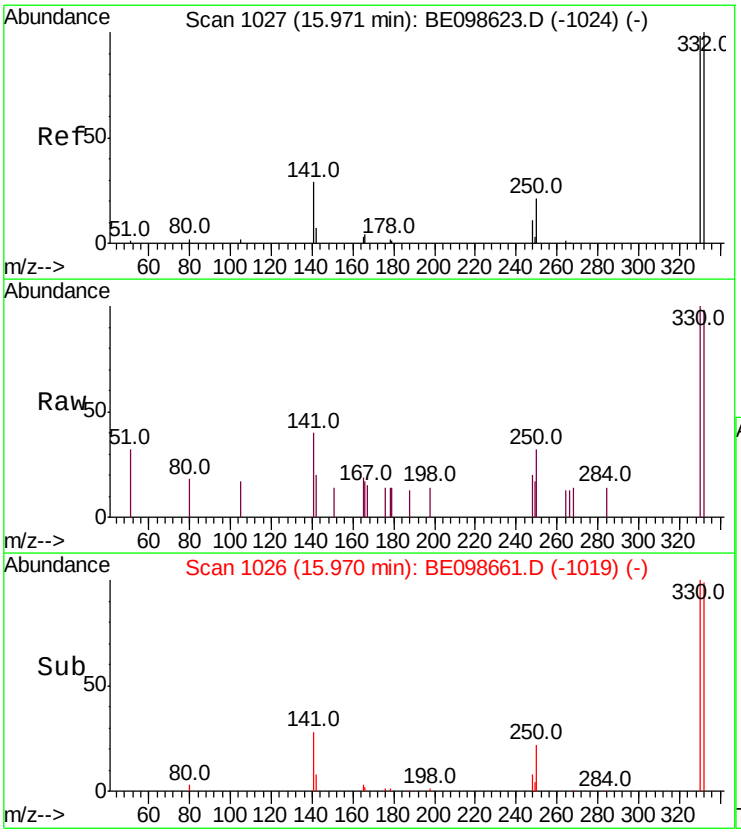
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3056

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.5	120.7
160	48.6	40.1	60.1

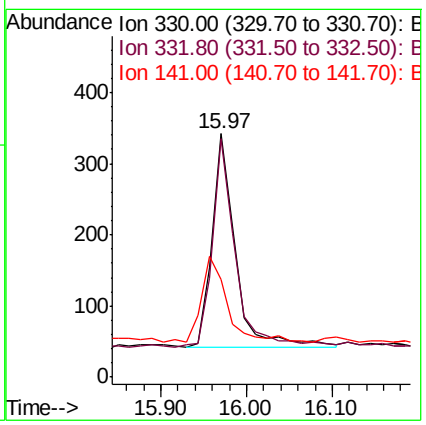


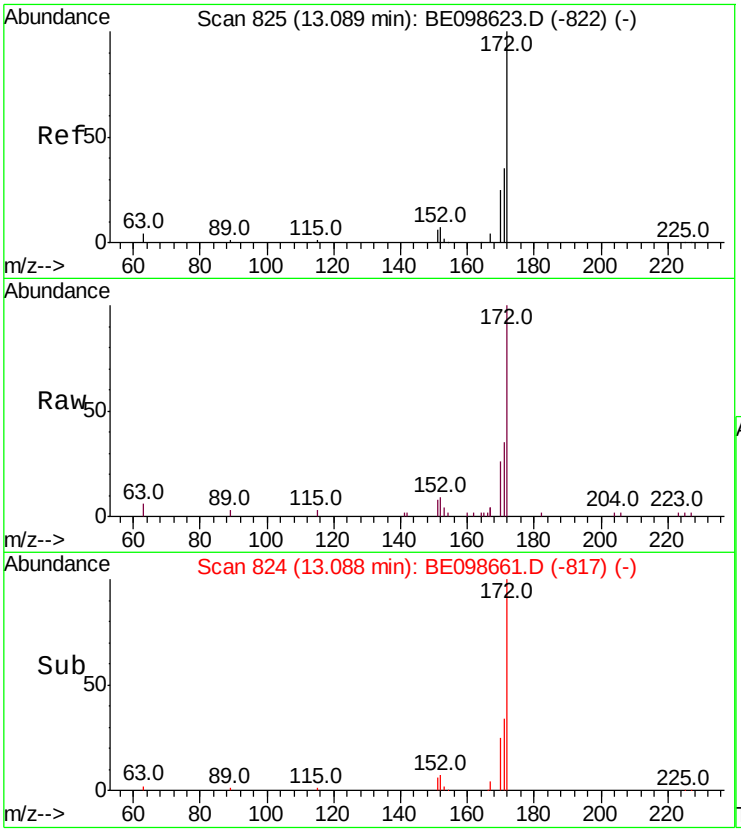


#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:330 Resp: 557

Ion	Ratio	Lower	Upper
330	100		
332	96.2	73.3	109.9
141	45.8	33.1	49.7



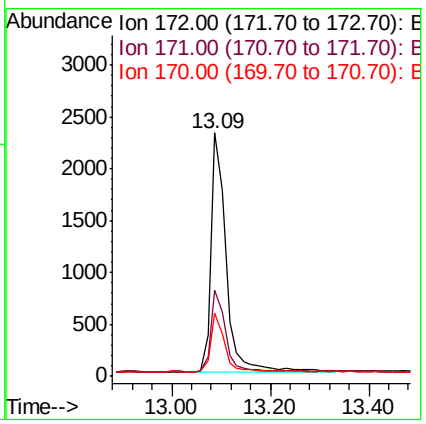


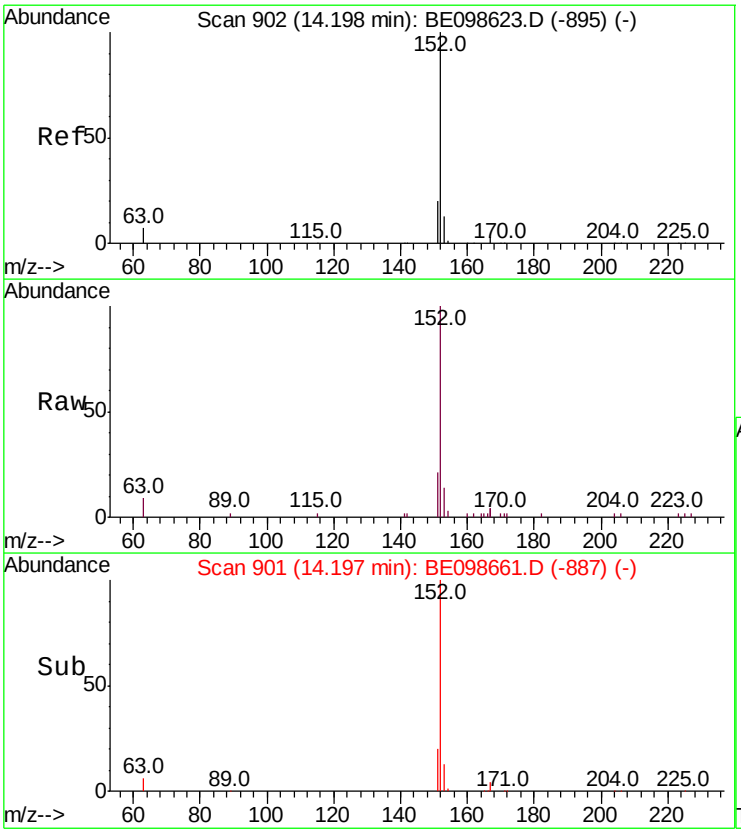
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 4778

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	26.0	20.8	31.2

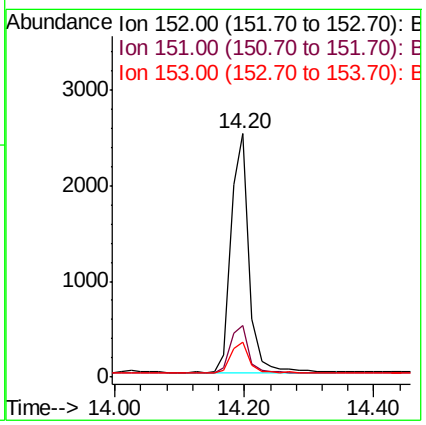


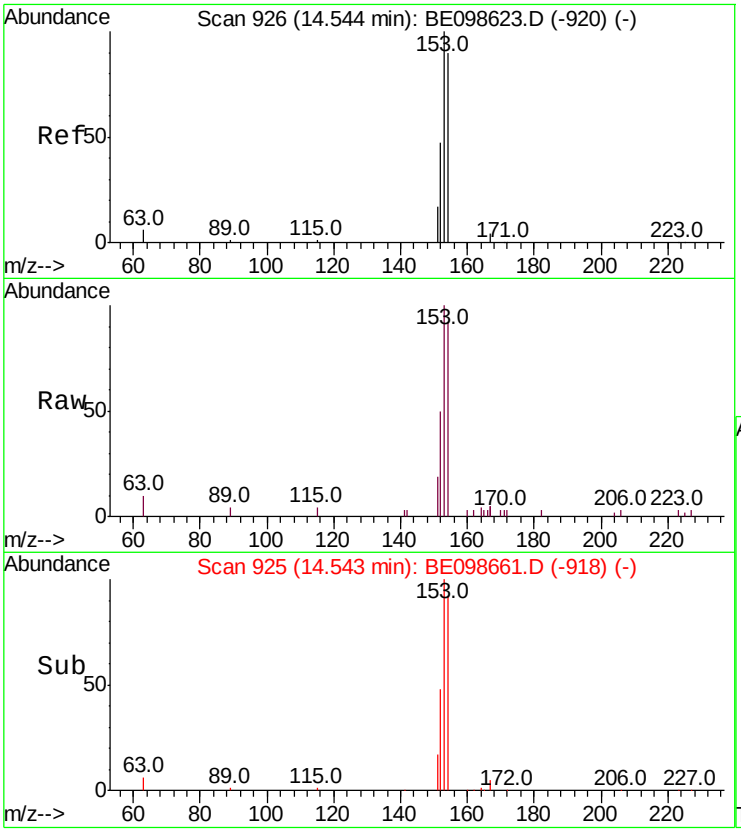


#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:152 Resp: 4789

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.1	10.7	16.1



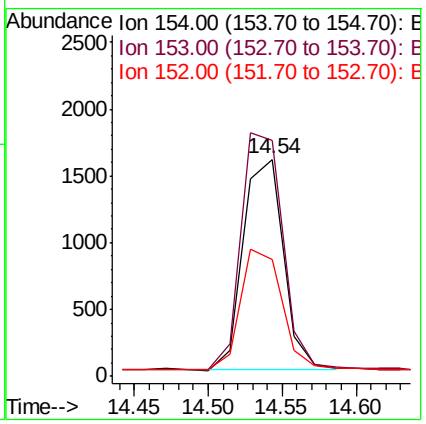


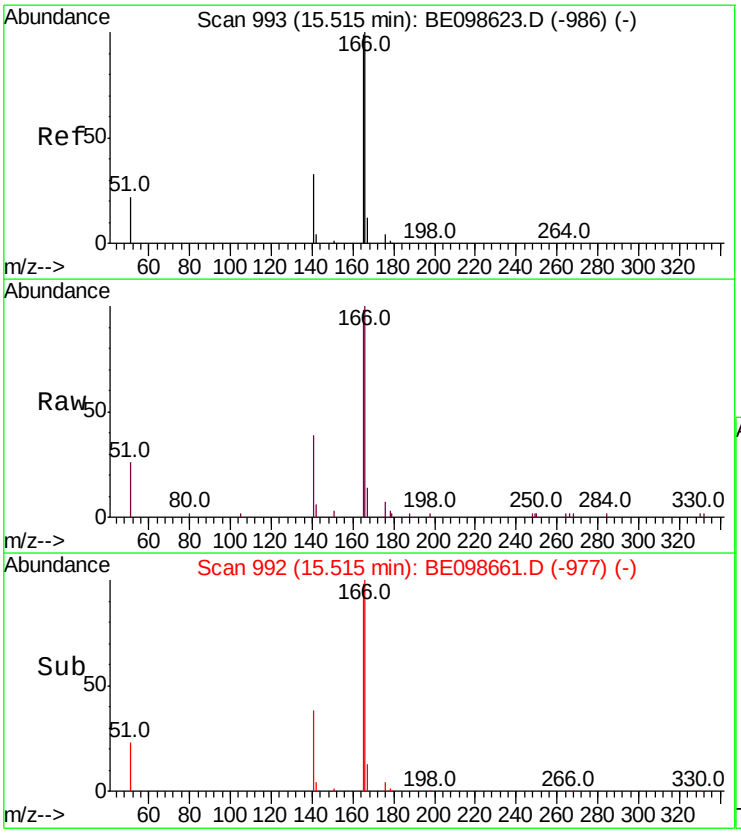
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 2972

Ion	Ratio	Lower	Upper
154	100		
153	117.8	93.9	140.9
152	58.4	45.8	68.8

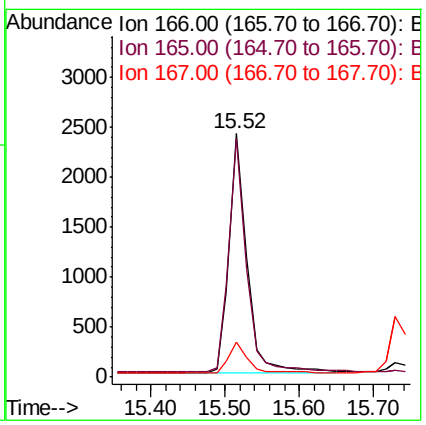


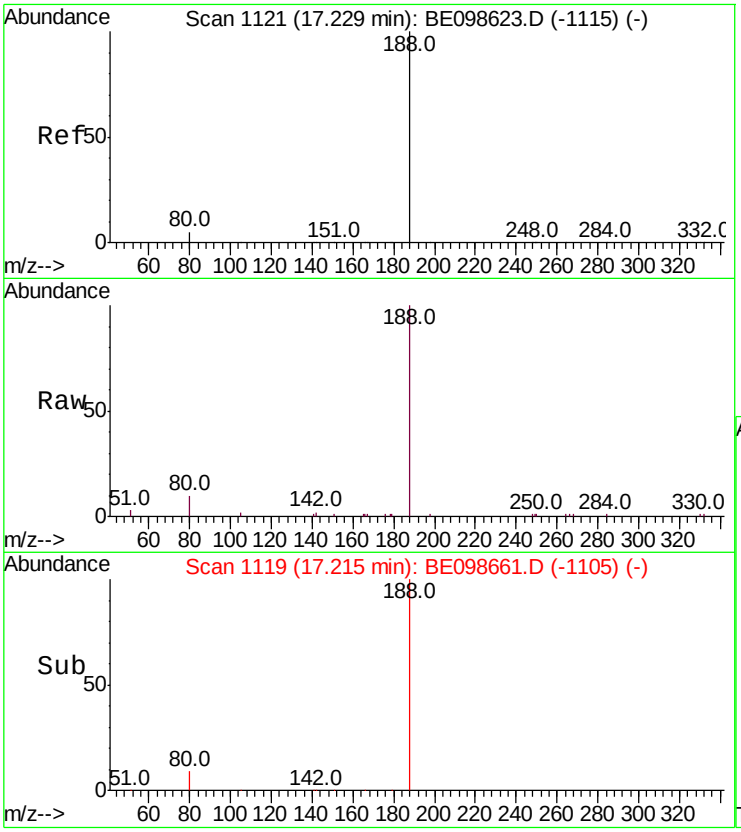


#18
Fluorene
Concen: 0.369 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:166 Resp: 3984

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.3	118.9
167	13.5	10.6	15.8



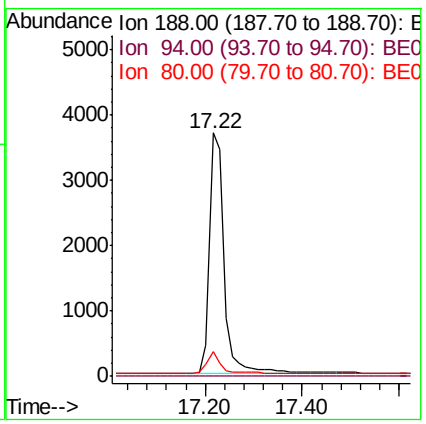


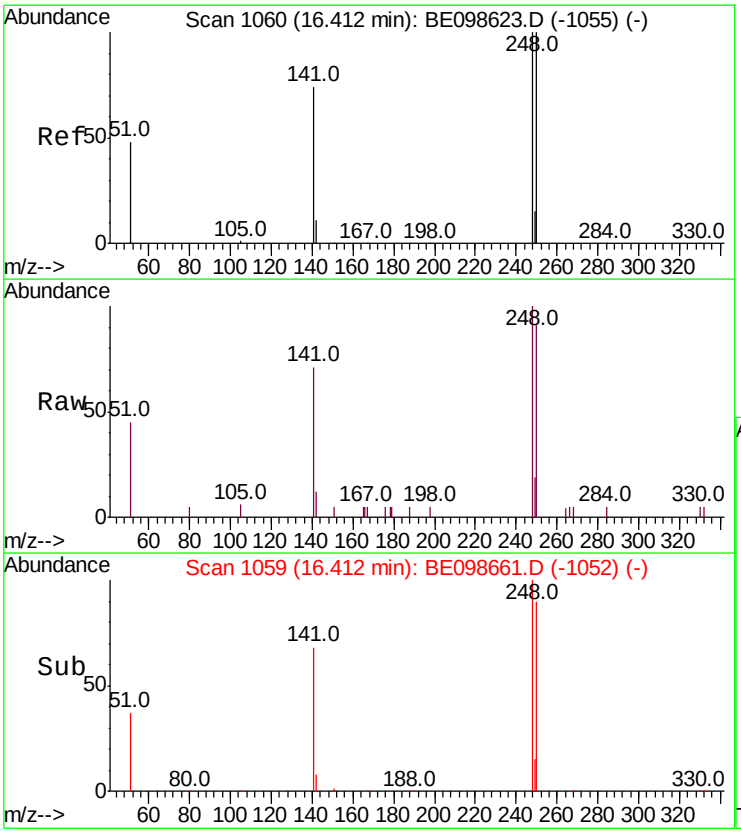
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 7547

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	4.7	7.1#

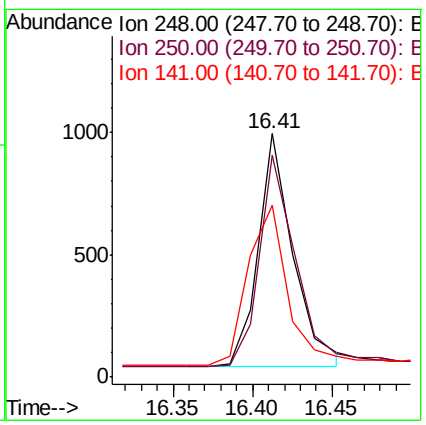


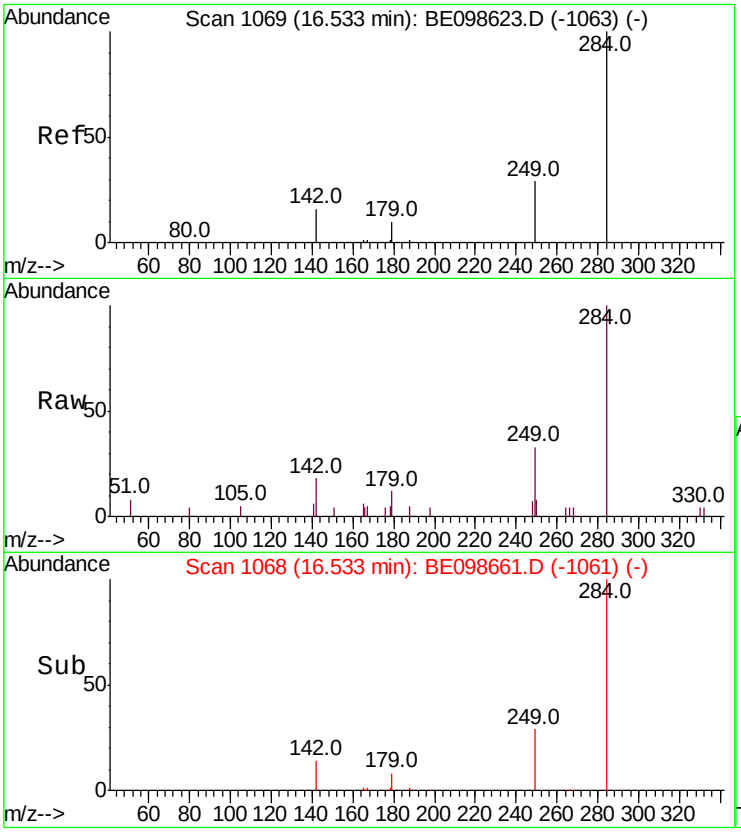


#20
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:248 Resp: 1462

Ion	Ratio	Lower	Upper
248	100		
250	90.9	80.2	120.4
141	70.6	60.5	90.7



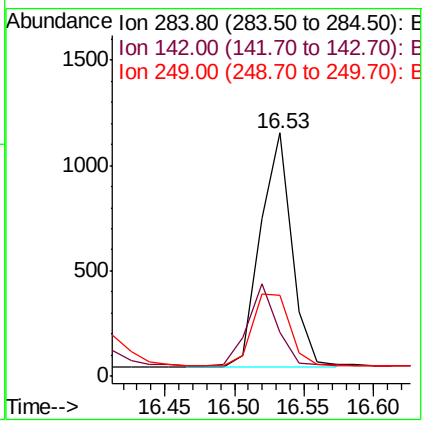


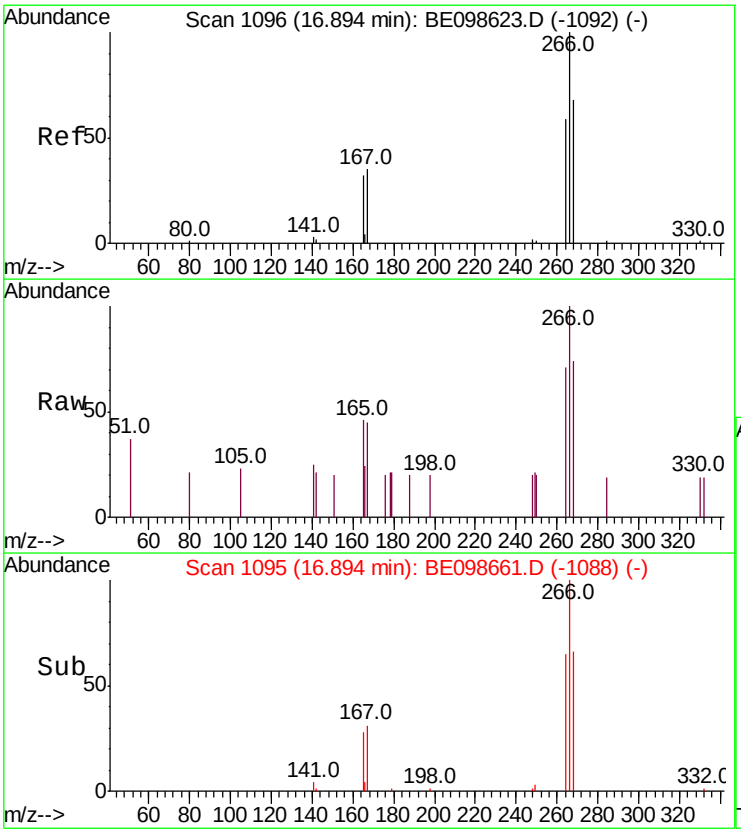
#21
Hexachlorobenzene
Concen: 0.361 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1743

Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.5	38.3
249	35.9	26.6	39.8

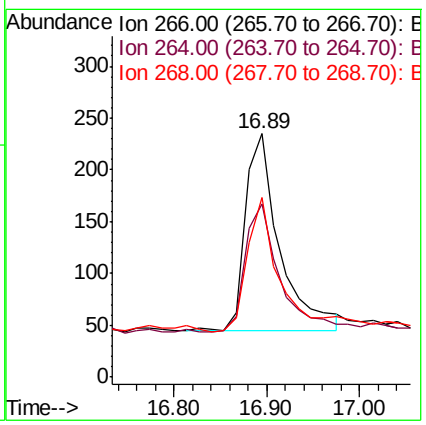


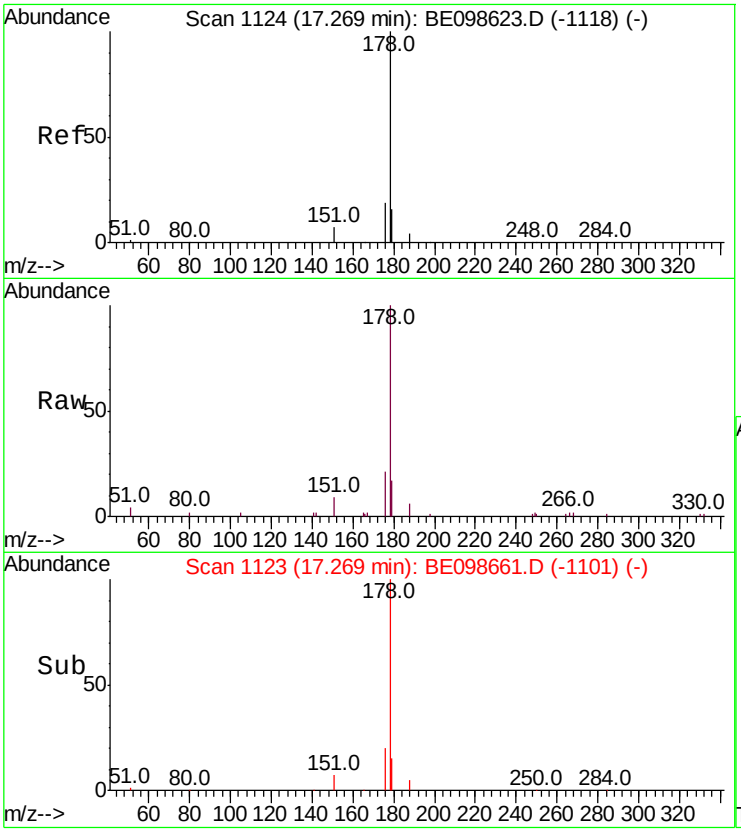


#22
Pentachlorophenol
Concen: 0.447 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:266 Resp: 485

Ion	Ratio	Lower	Upper
266	100		
264	71.1	53.7	80.5
268	73.6	59.8	89.8



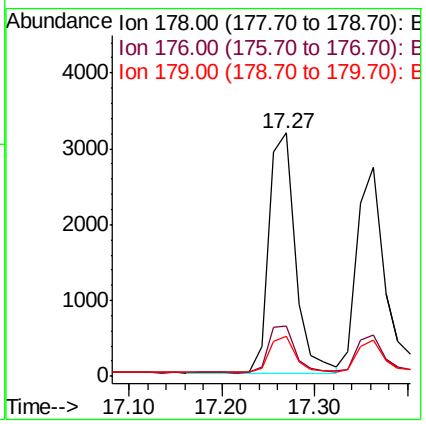


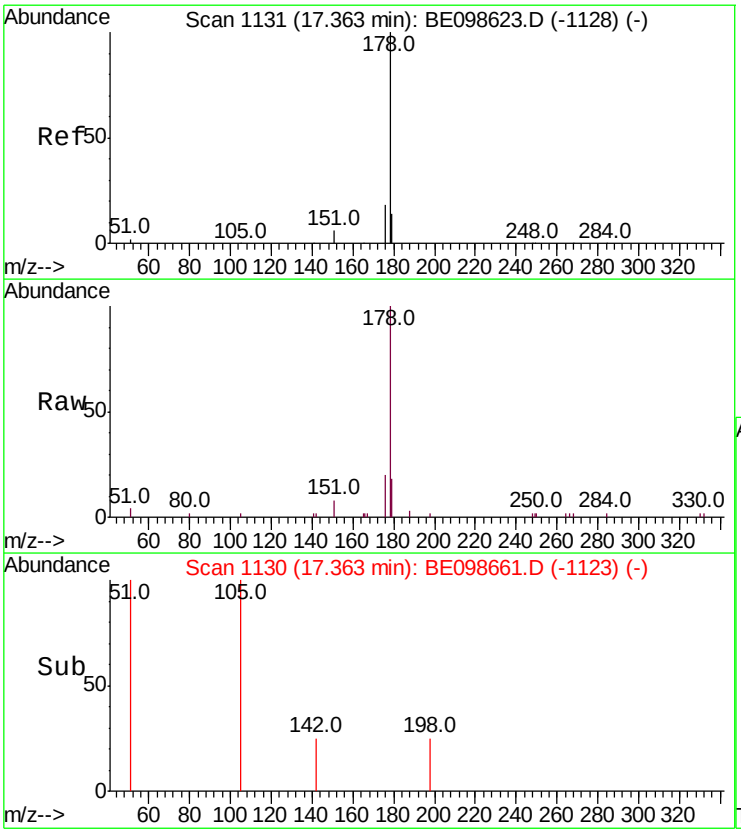
#23
Phenanthrene
Concen: 0.351 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6280

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.3	12.2	18.4

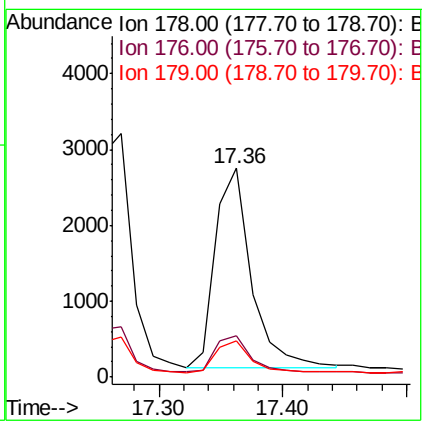


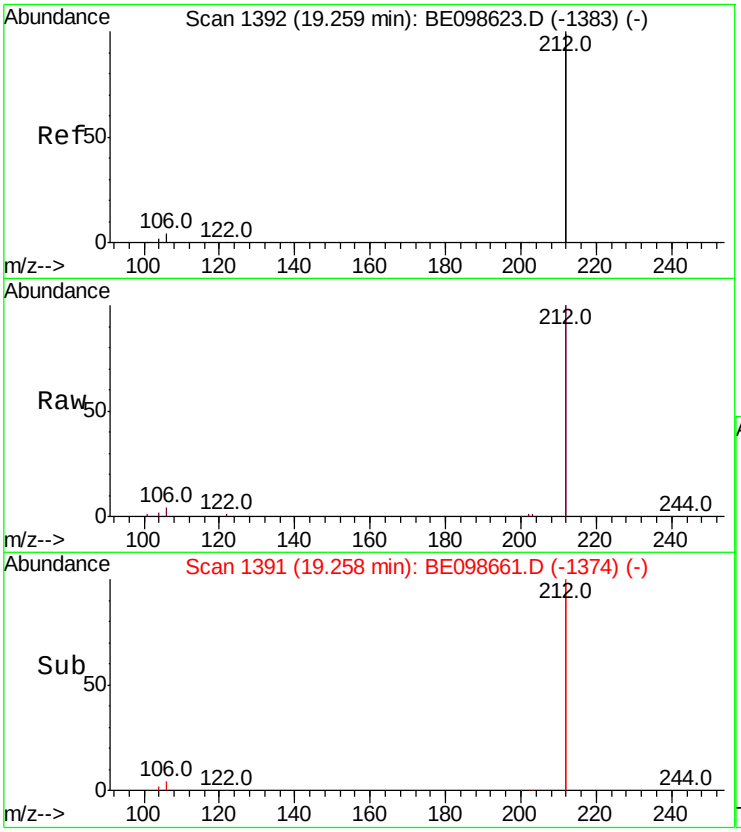


#24
Anthracene
Concen: 0.343 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:178 Resp: 5258

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	15.6	11.8	17.8



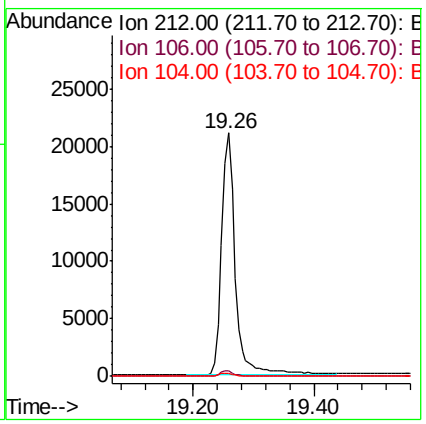


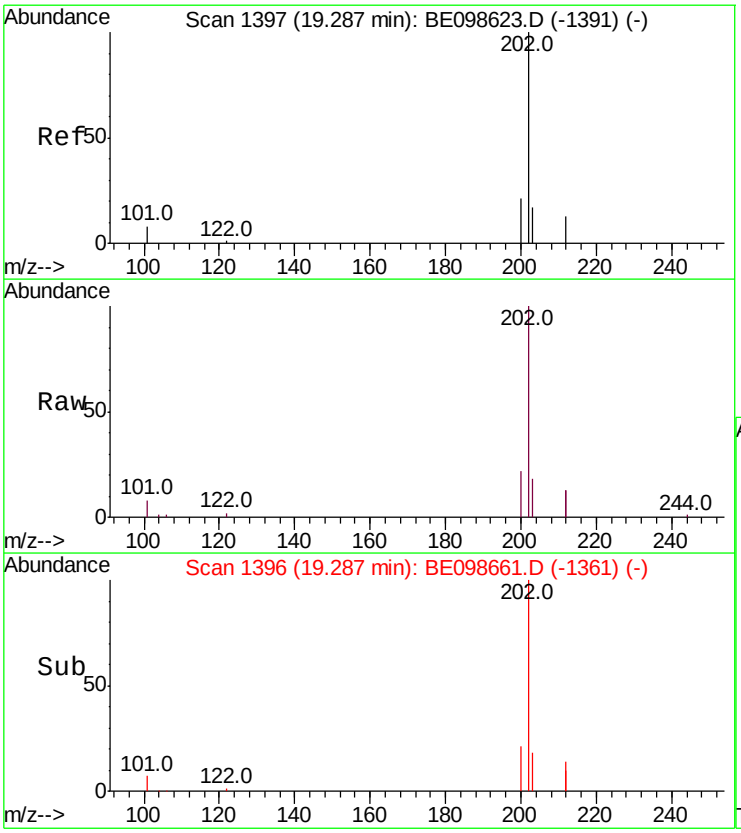
#25
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 32464

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.7	2.5
104	1.1	1.0	1.6

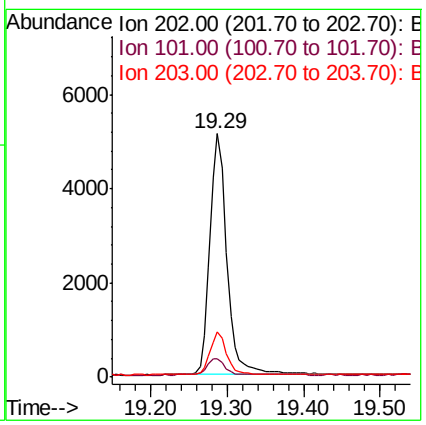


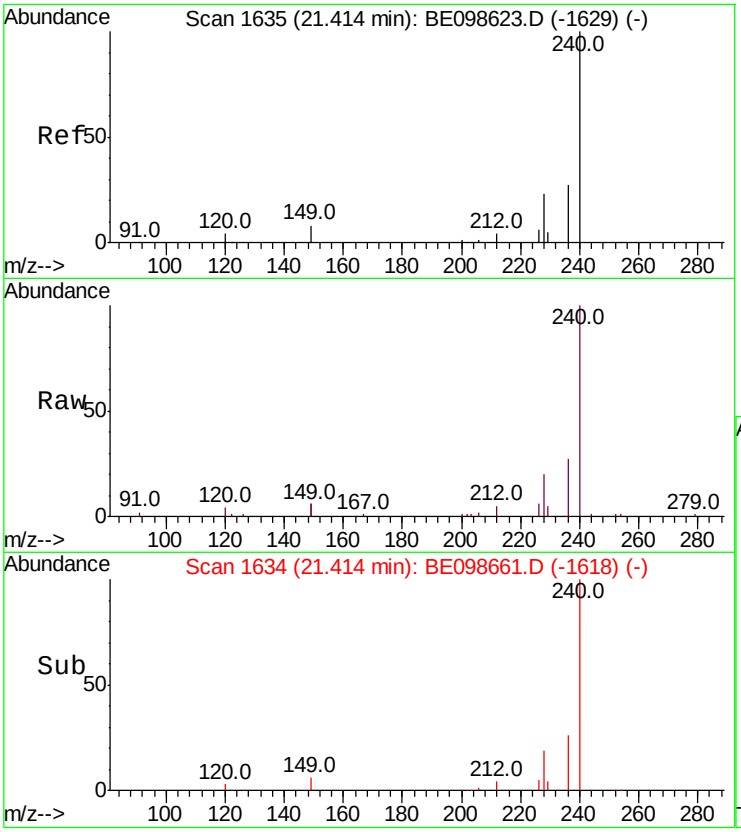


#26
Fluoranthene
Concen: 0.346 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:202 Resp: 7963

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.7	10.1
203	16.6	13.3	19.9



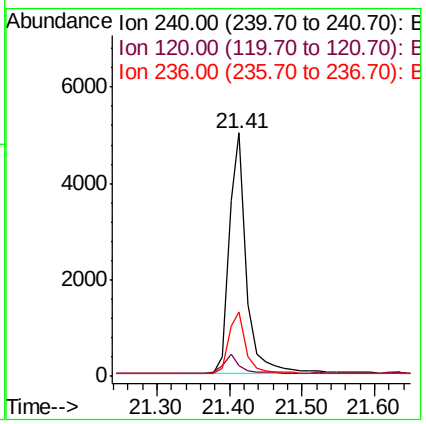


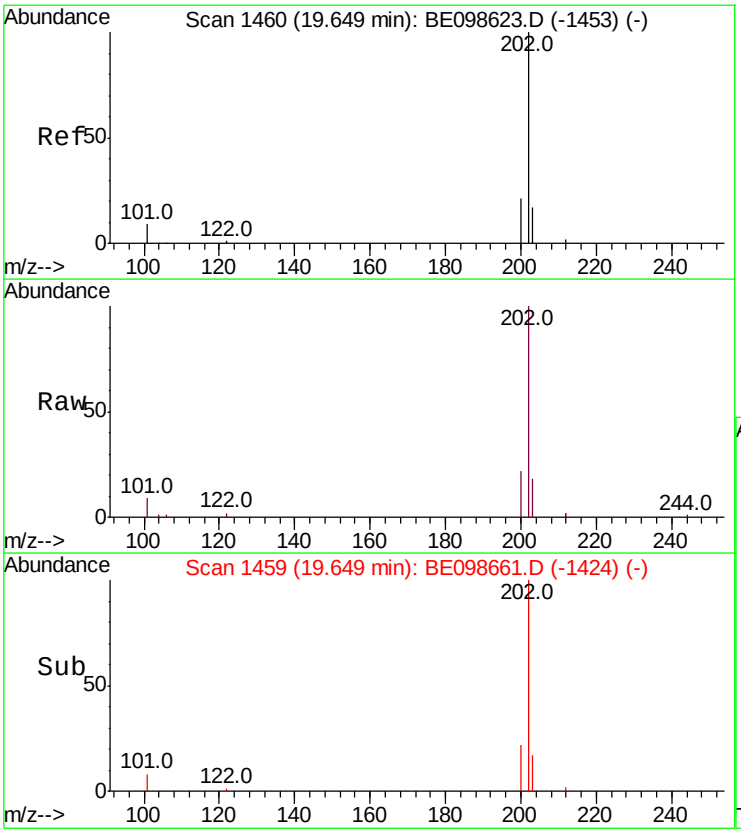
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8529

Ion	Ratio	Lower	Upper
240	100		
120	4.4	4.7	7.1#
236	26.7	21.9	32.9

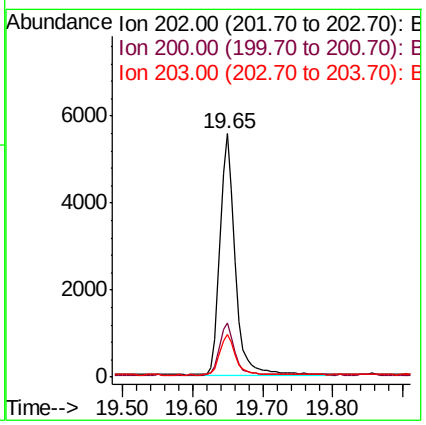


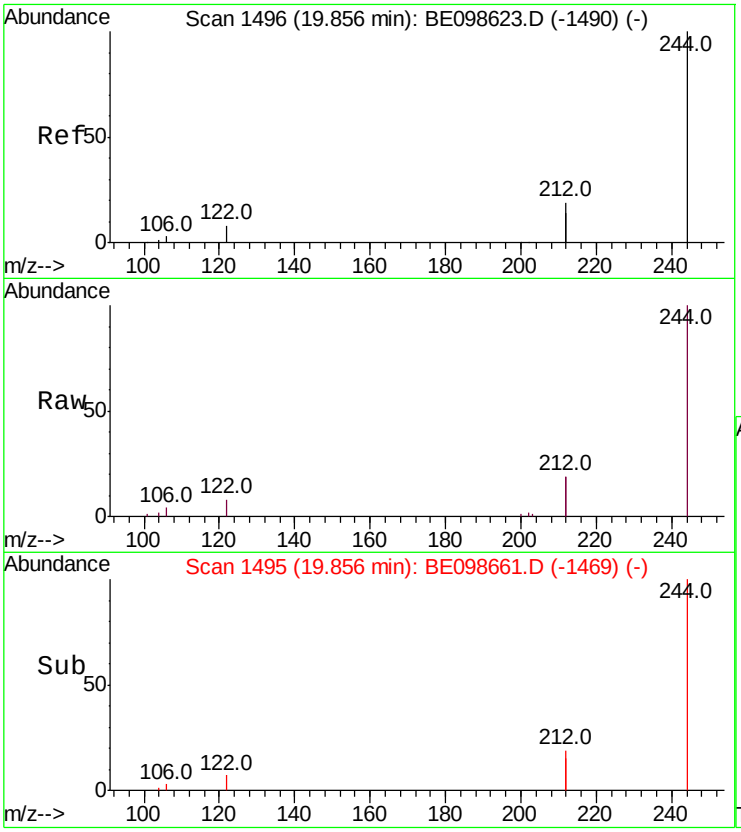


#28
Pyrene
Concen: 0.352 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:202 Resp: 8267

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.2	13.8	20.8



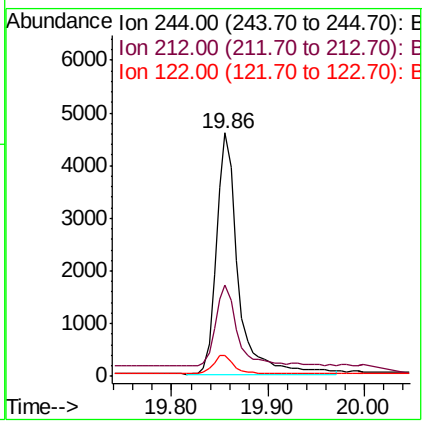


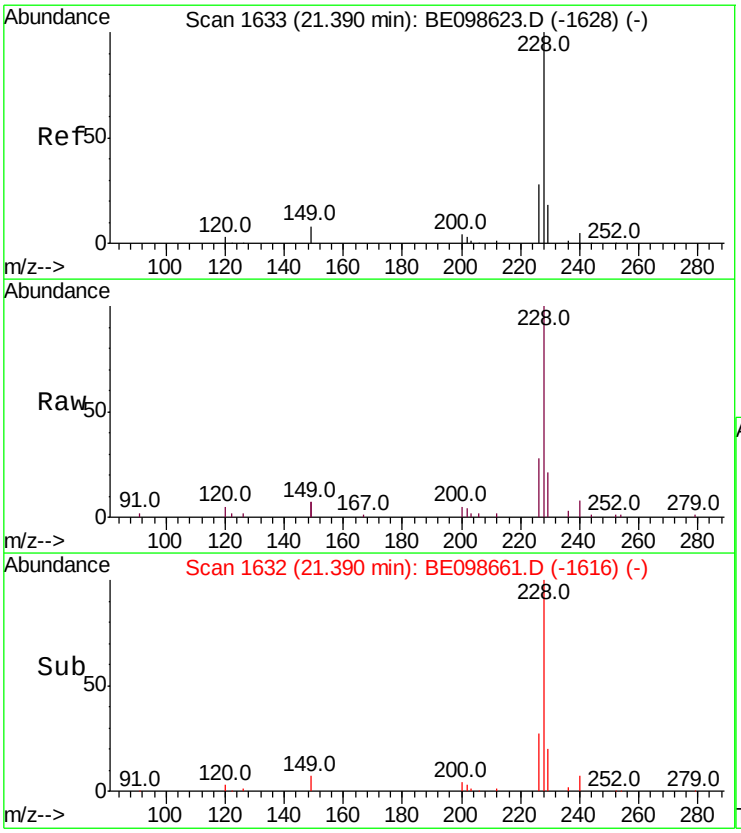
#29
Terphenyl-d14
Concen: 0.381 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7188

Ion	Ratio	Lower	Upper
244	100		
212	37.6	29.4	44.2
122	8.4	7.1	10.7

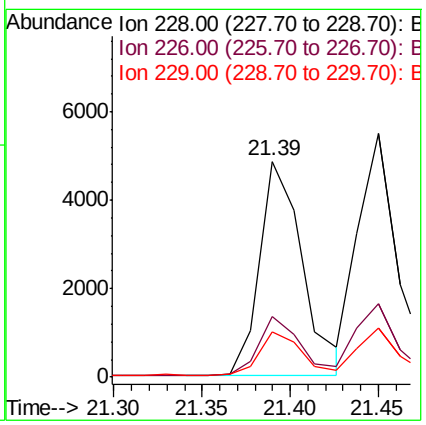


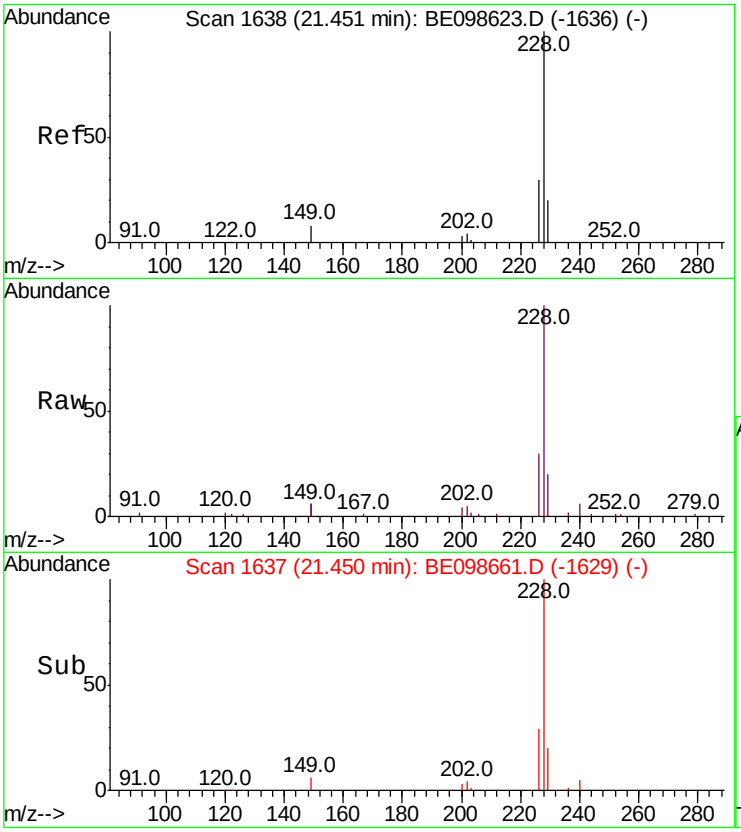


#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:228 Resp: 8111

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	20.8	15.0	22.6



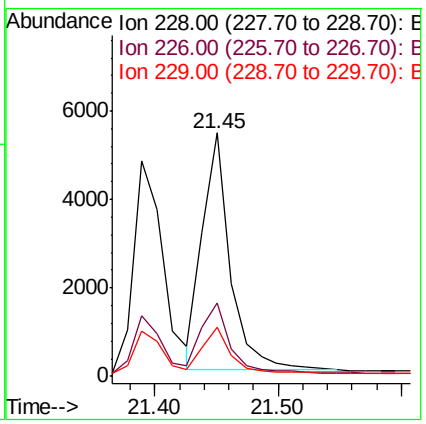


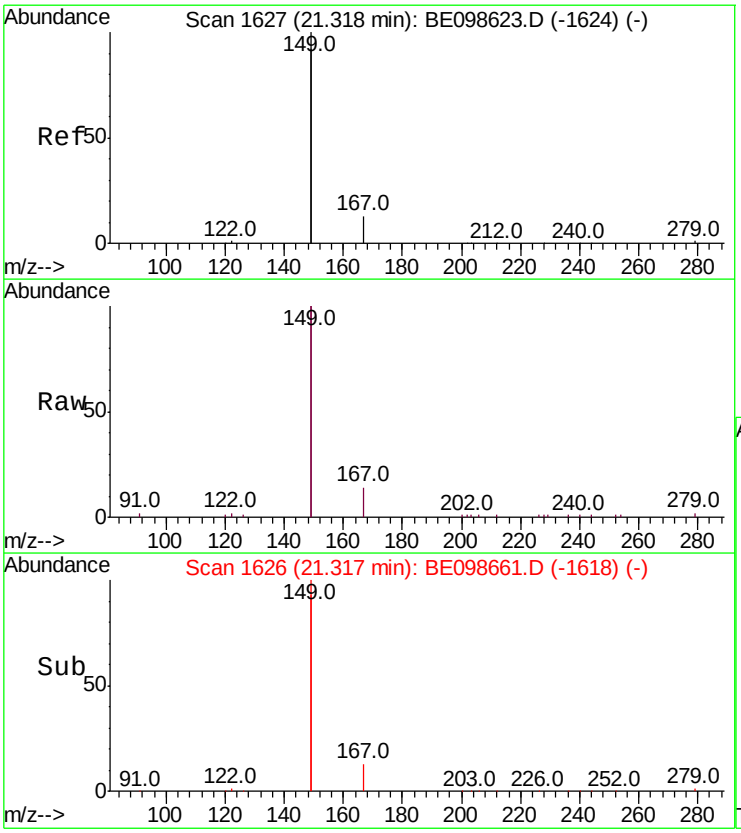
#31
Chrysene
Concen: 0.354 ng
RT: 21.45 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 8421

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	36.8
229	20.3	16.4	24.6

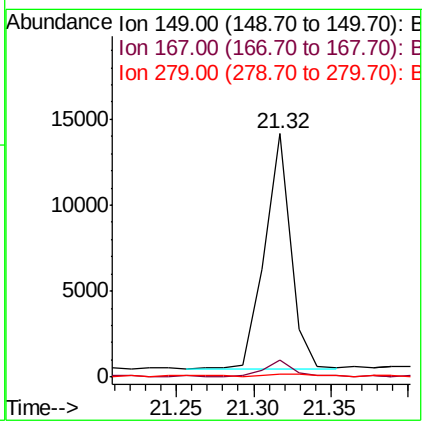


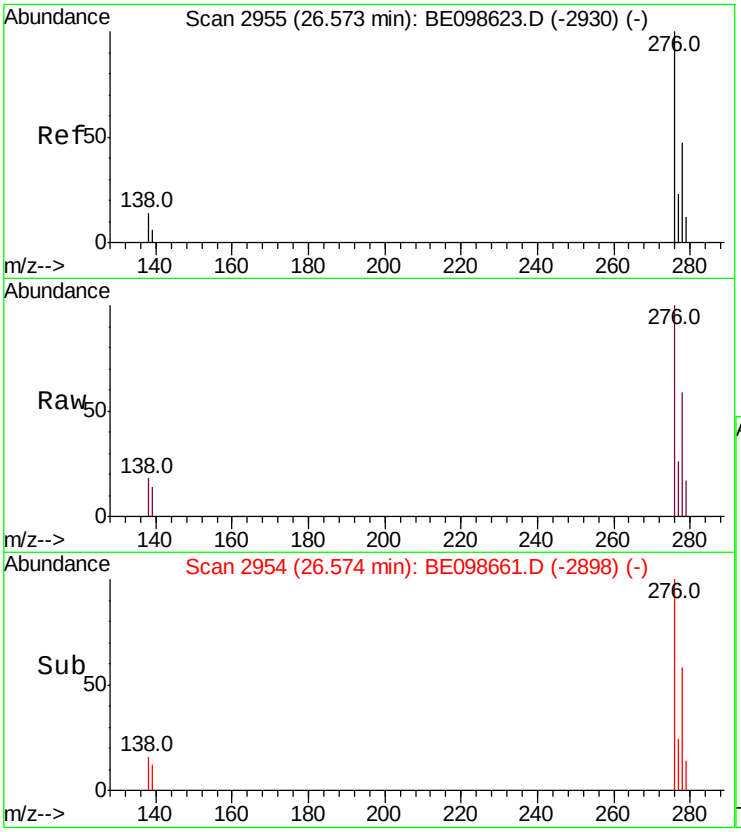


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.333 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:149 Resp: 16210

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.2
279	1.2	1.0	1.4



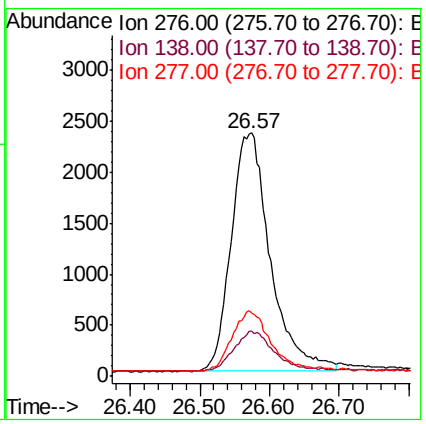


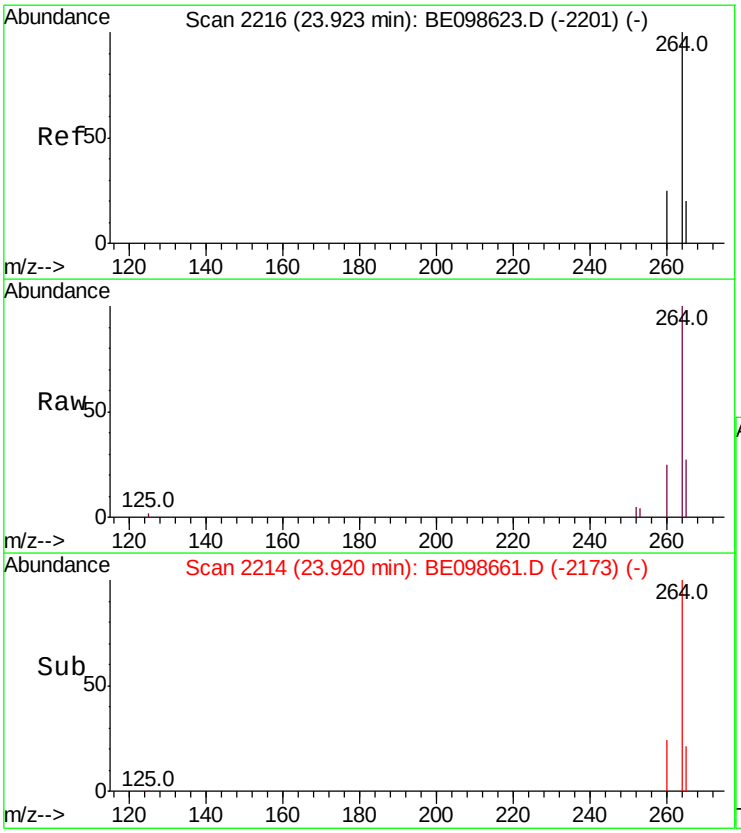
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 26.57 min Scan# 2954
Delta R.T. 0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 9117

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.3	19.9
277	25.1	19.4	29.0

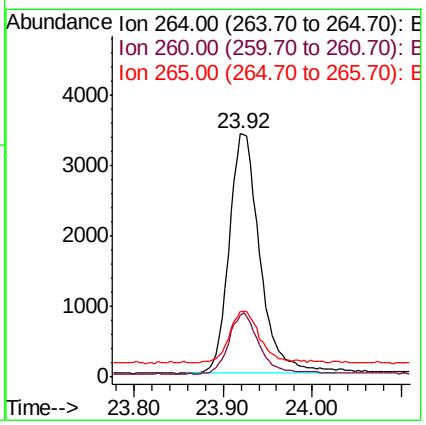


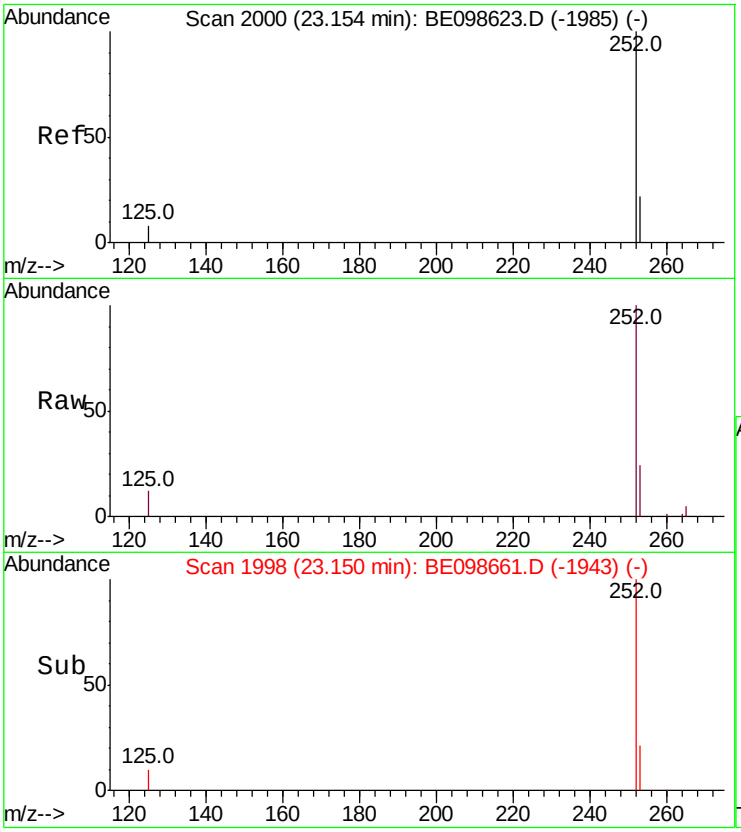


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:264 Resp: 8222

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	26.8	22.3	33.5



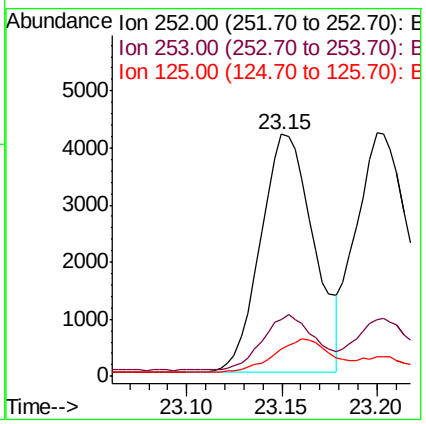


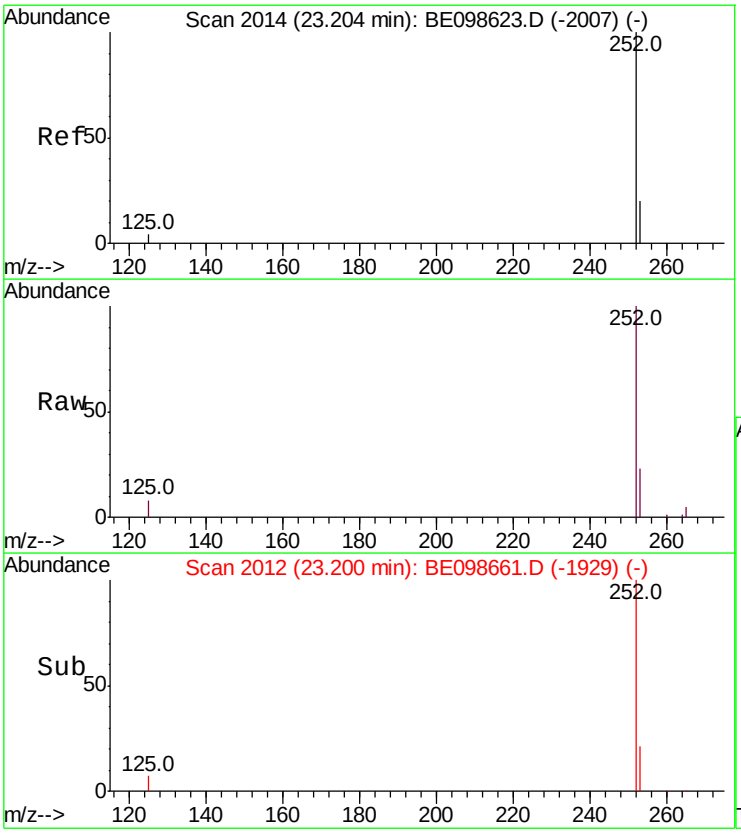
#35
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8113

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.0
125	11.5	8.2	12.4

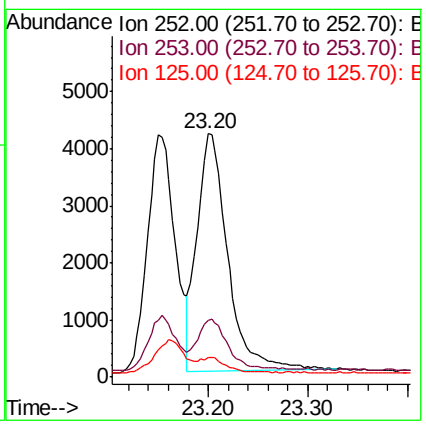


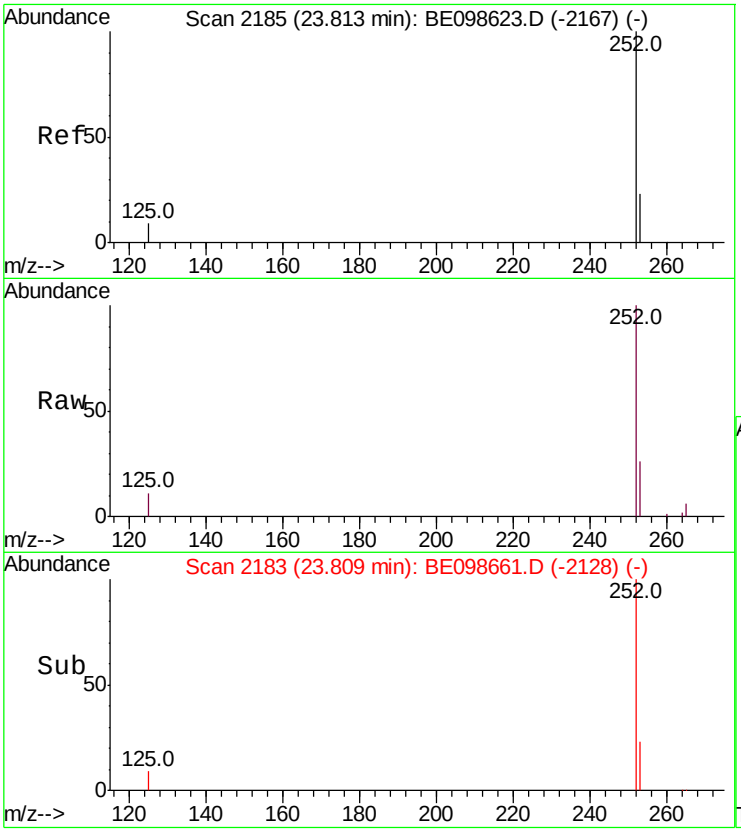


#36
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:252 Resp: 8900

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	8.2	7.0	10.4



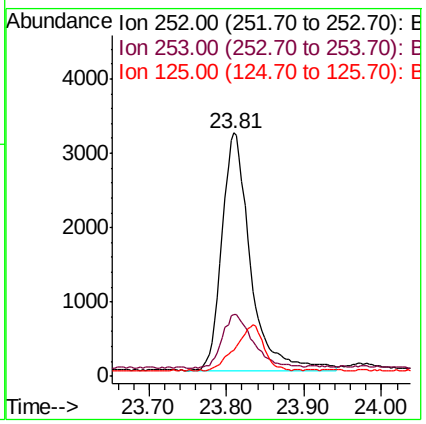


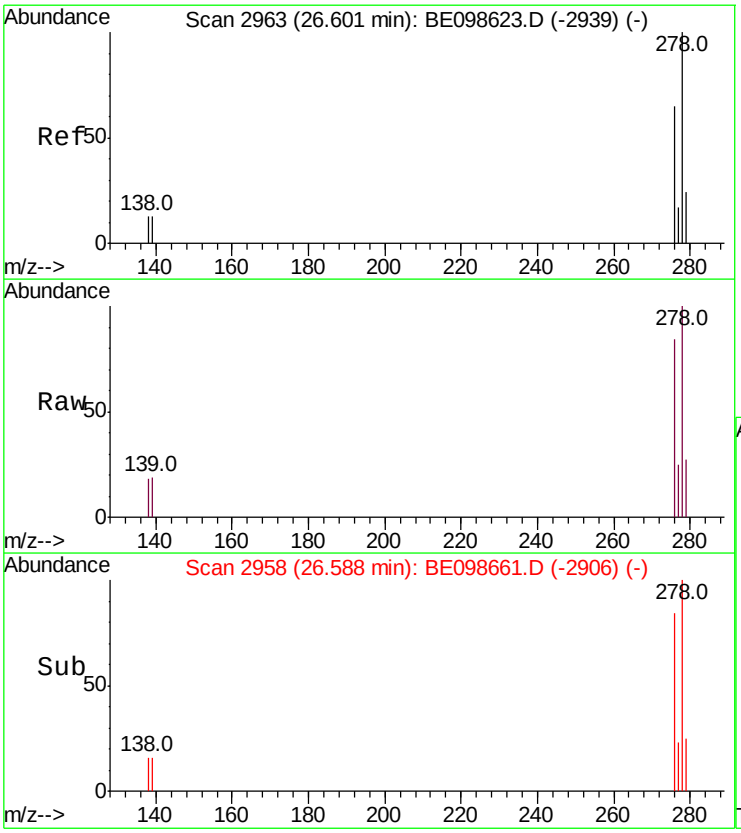
#37
Benzo(a)pyrene
Concen: 0.370 ng
RT: 23.81 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8156

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.0	31.4
125	10.9	9.2	13.8

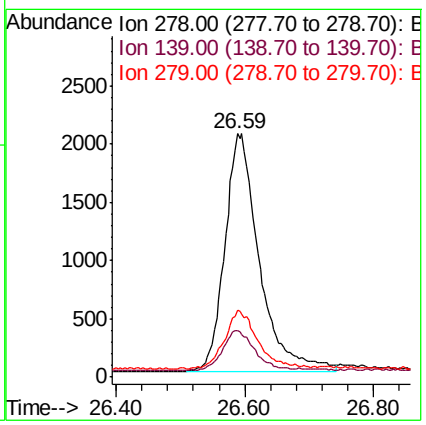


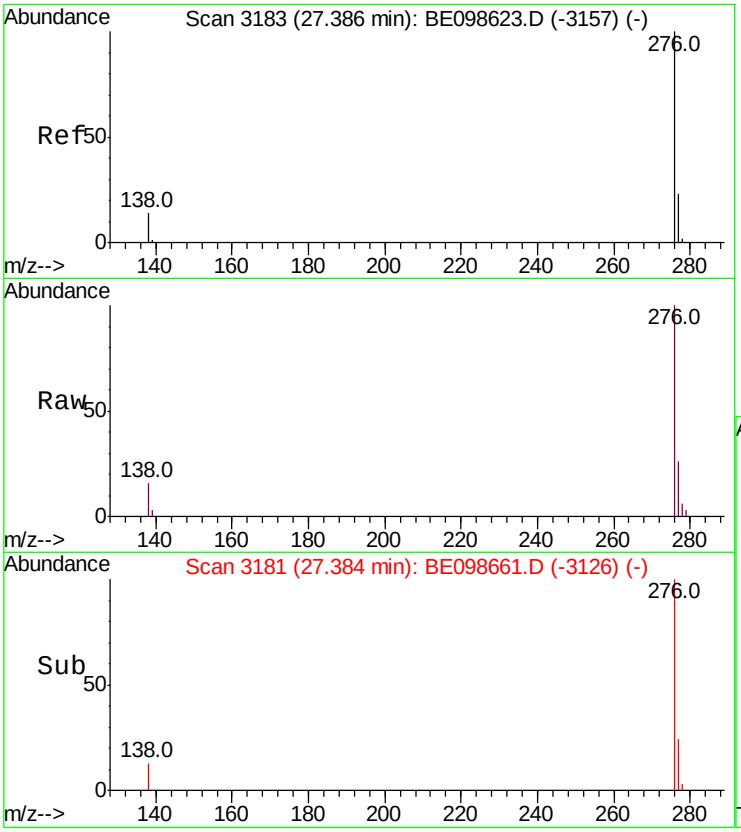


#38
Dibenzo(a,h)anthracene
Concen: 0.389 ng
RT: 26.59 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Tgt Ion:278 Resp: 7593

Ion	Ratio	Lower	Upper
278	100		
139	18.8	12.7	19.1
279	27.4	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 27.38 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE098661.D
Acq: 17 Jan 2019 23:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 7848

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.3	30.5
138	15.8	13.3	19.9