Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
Data File : BE098438.D
Acq On : 14 Dec 2018 16:32
Operator : SJ/JU
Sample : PB115633BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB115633BS

Quant Time: Dec 14 23:31:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	918	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	3837	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	2268	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	5902	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	7954	0.40	ng		0.00
34) Perylene-d12	24.00	264	7451	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	607	0.28	ng		0.01
5) Phenol-d6	7.06	99	761	0.25	ng		0.01
8) Nitrobenzene-d5	9.04	82	745	0.21	ng		0.03
11) 2-Methylnaphthalene-d10	12.27	152	1478	0.24	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	164	0.20	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	2191	0.23	ng		0.00
25) Fluoranthene-d10	19.30	212	19184	0.25	ng		0.00
29) Terphenyl-d14	19.90	244	3509	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	594	0.374	ng	#	55
3) n-Nitrosodimethylamine	3.69	42	317	0.222	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	522	0.181	ng		89
9) Naphthalene	10.71	128	8896	0.230	ng	#	97
10) Hexachlorobutadiene	10.99	225	540	0.220	ng		95
12) 2-Methylnaphthalene	12.34	142	1354	0.216	ng		97
16) Acenaphthylene	14.24	152	2502	0.235	ng		99
17) Acenaphthene	14.59	154	1365	0.214	ng		94
18) Fluorene	15.57	166	1856	0.217	ng		97
20) 4-Bromophenyl-phenylether	16.46	248	580	0.183	ng		90
21) Hexachlorobenzene	16.58	284	759	0.222	ng		98
22) Pentachlorophenol	16.95	266	69	0.146	ng	#	77
23) Phenanthrene	17.32	178	3247	0.226	ng		99
24) Anthracene	17.41	178	2584	0.202	ng		99
26) Fluoranthene	19.34	202	4797	0.253	ng		98
28) Pyrene	19.70	202	4832	0.194	ng		100
30) Benzo(a)anthracene	21.44	228	5077	0.224	ng		99
31) Chrysene	21.50	228	5304	0.224	ng		100
32) Bis(2-ethylhexyl)phthalate	21.35	149	7795	0.169	ng		100
33) Indeno(1,2,3-cd)pyrene	26.69	276	5258	0.223	ng	#	86
35) Benzo(b)fluoranthene	23.22	252	4761	0.234	ng		96
36) Benzo(k)fluoranthene	23.27	252	5401	0.228	ng		97
37) Benzo(a)pyrene	23.89	252	4897	0.233	ng	#	95
38) Dibenzo(a,h)anthracene	26.72	278	4197	0.212	ng	#	93
39) Benzo(g,h,i)perylene	27.50	276	4385	0.220	ng		97

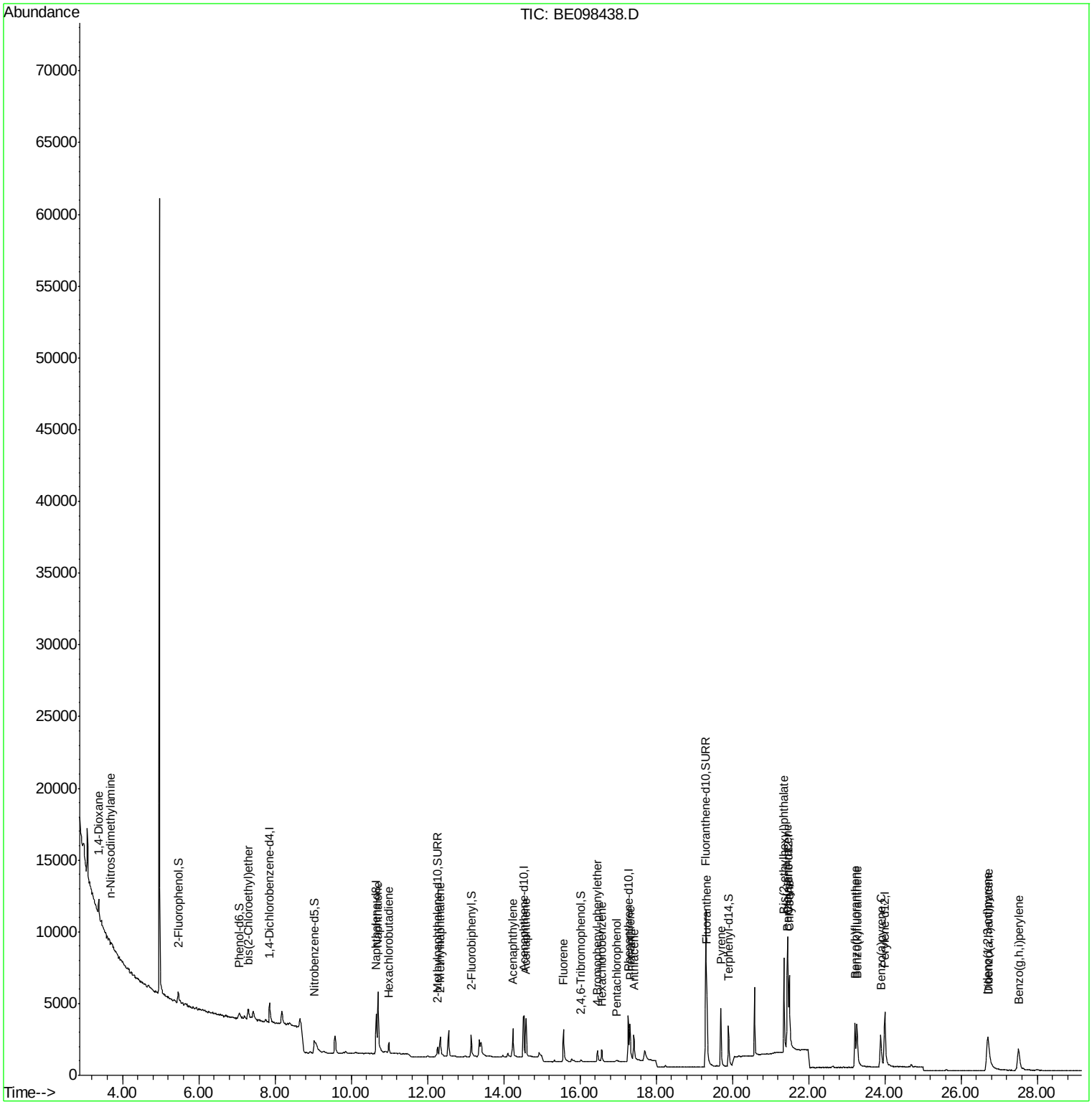
(#) = qualifier out of range (m) = manual integration (+) = signals summed

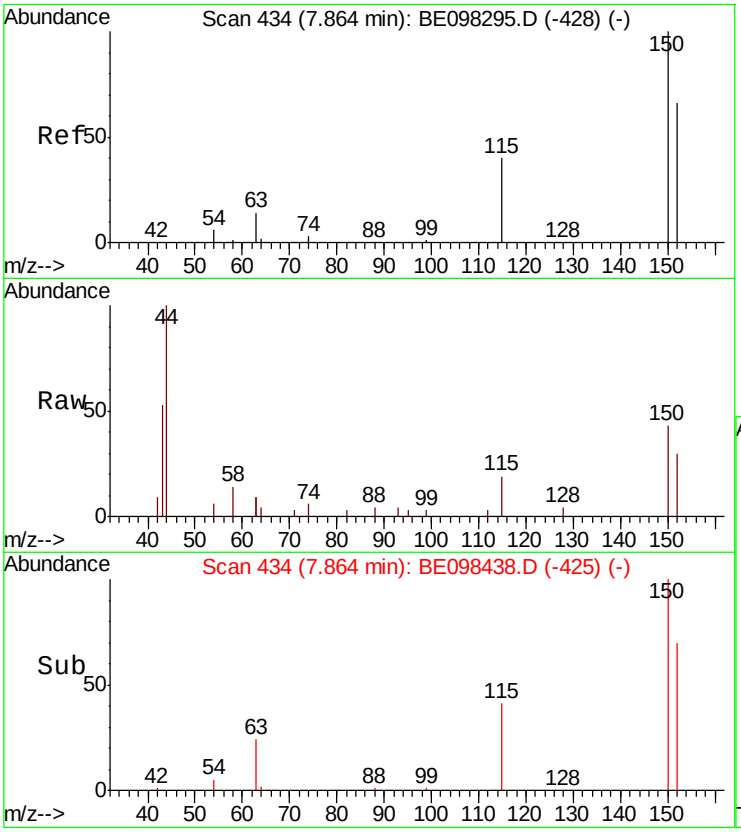
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
Data File : BE098438.D
Acq On : 14 Dec 2018 16:32
Operator : SJ/JU
Sample : PB115633BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Quant Time: Dec 14 23:31:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



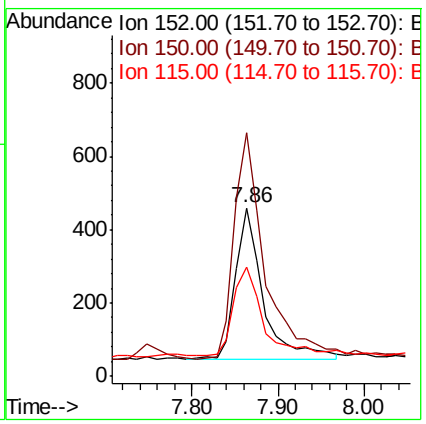


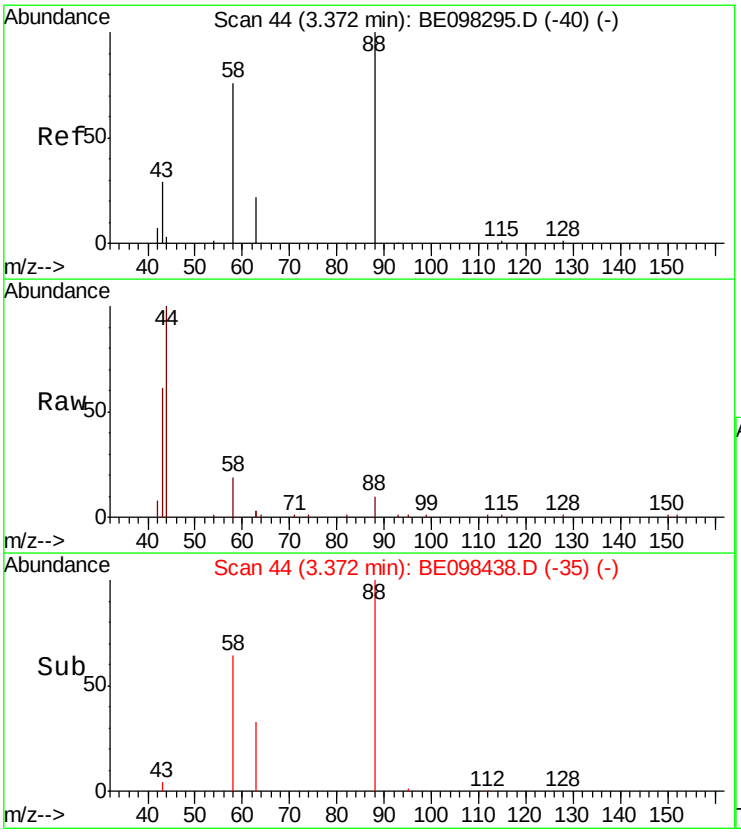
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:152 Resp: 918

Ion	Ratio	Lower	Upper
152	100		
150	144.3	124.2	186.4
115	64.6	53.9	80.9

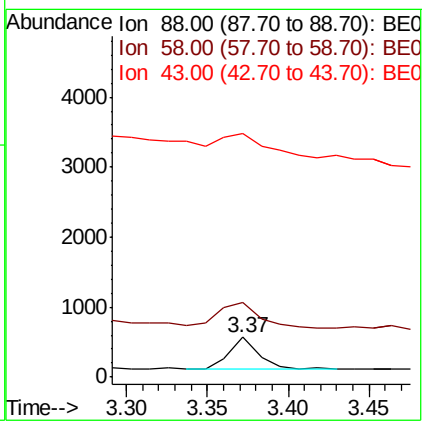


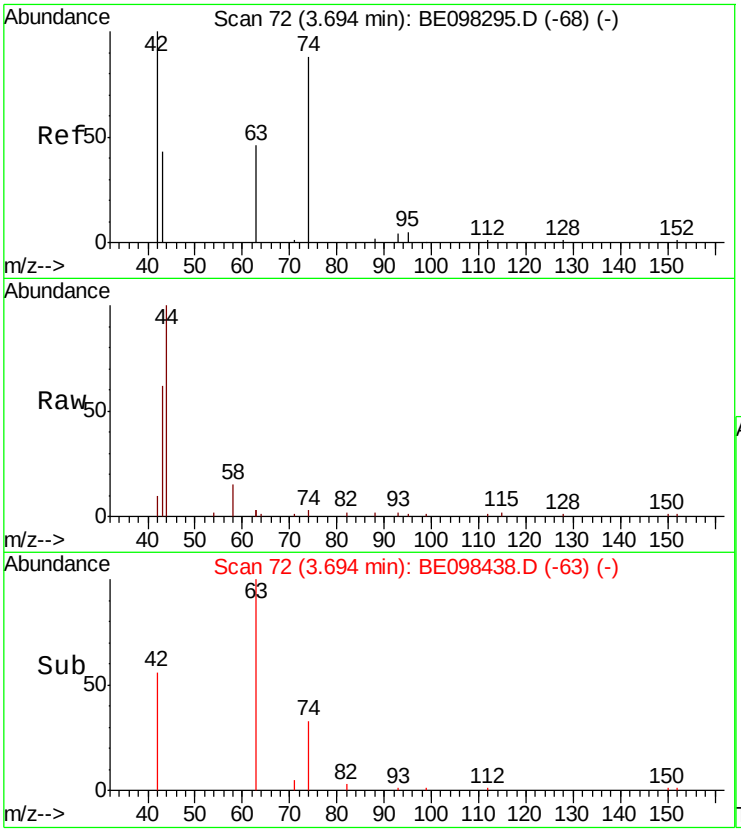


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion: 88 Resp: 594

Ion	Ratio	Lower	Upper
88	100		
58	114.0	75.0	112.6#
43	109.4	38.3	57.5#



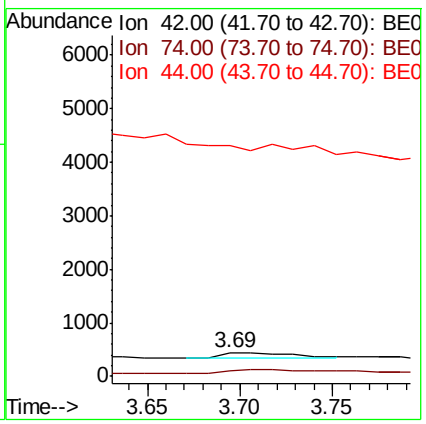


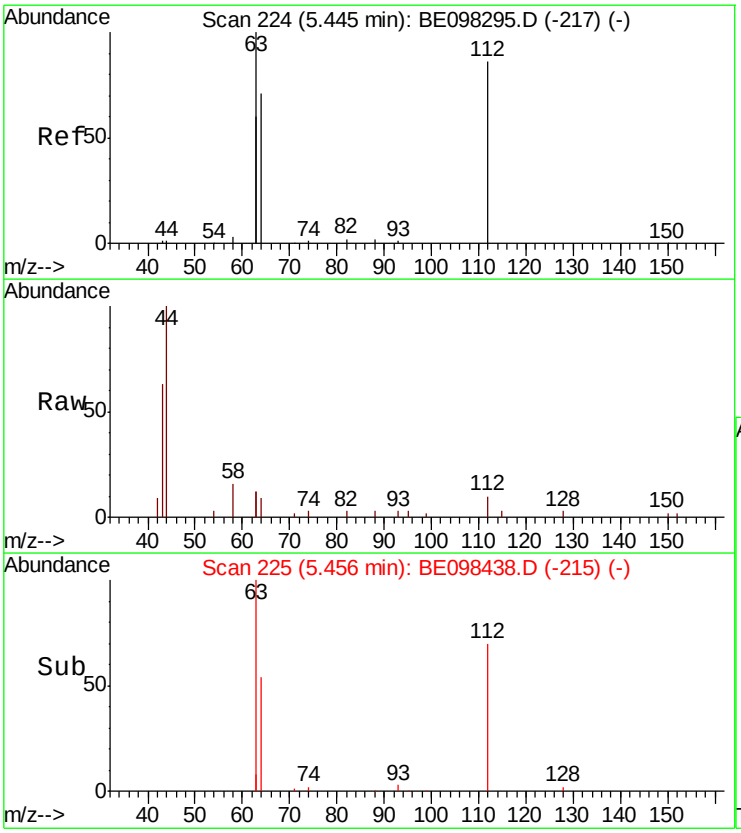
#3
n-Nitrosodimethylamine
Concen: 0.222 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion: 42 Resp: 317

Ion	Ratio	Lower	Upper
42	100		
74	77.3	0.0	0.0#
44	0.0	0.0	0.0

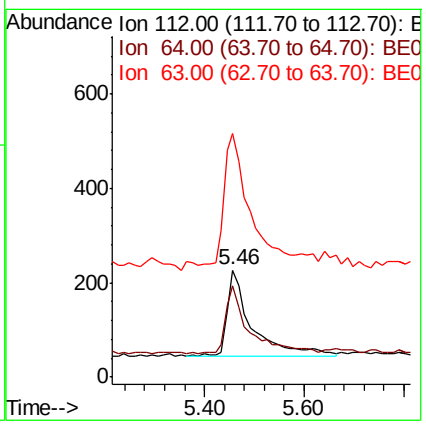


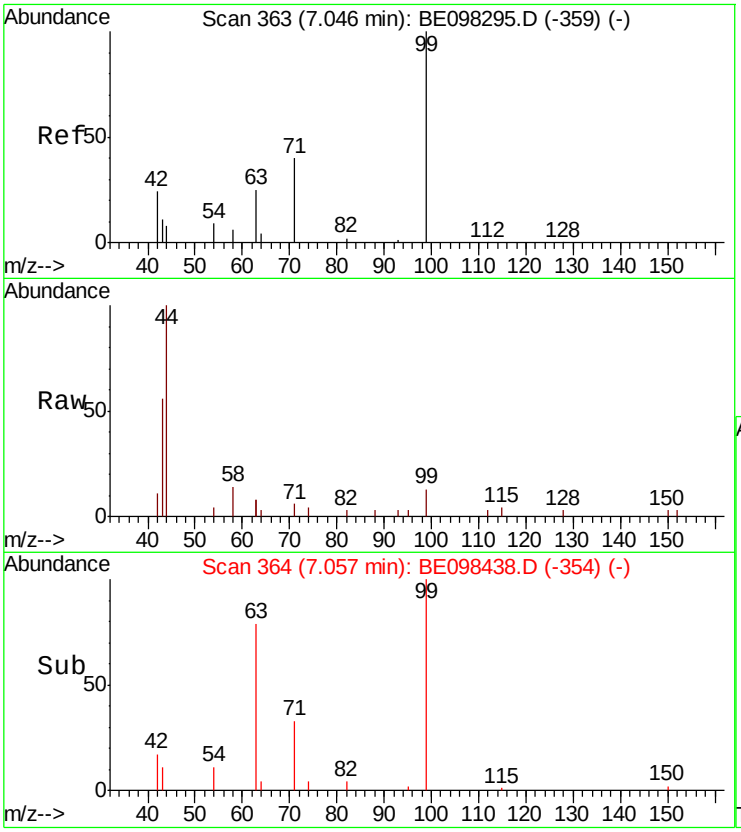


#4
2-Fluorophenol
Concen: 0.283 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:112 Resp: 607

Ion	Ratio	Lower	Upper
112	100		
64	77.9	59.8	89.8
63	157.8	133.7	200.5



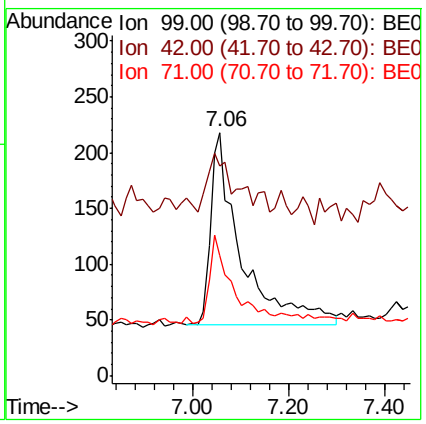


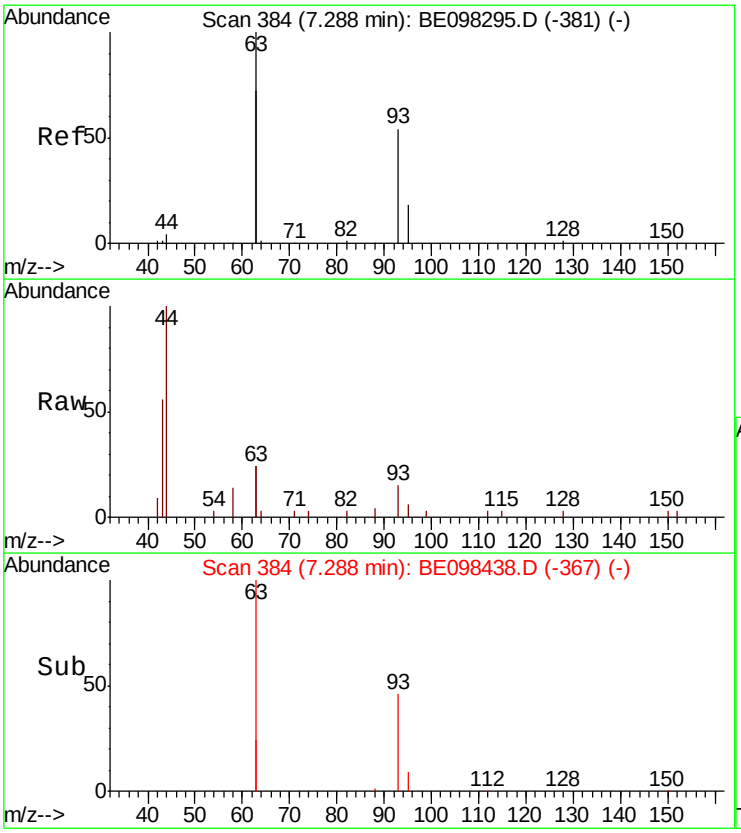
#5
Phenol-d6
Concen: 0.250 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion: 99 Resp: 761

Ion	Ratio	Lower	Upper
99	100		
42	25.0	26.3	39.5#
71	34.6	33.6	50.4

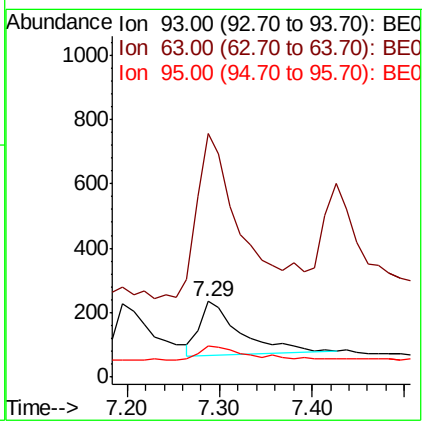


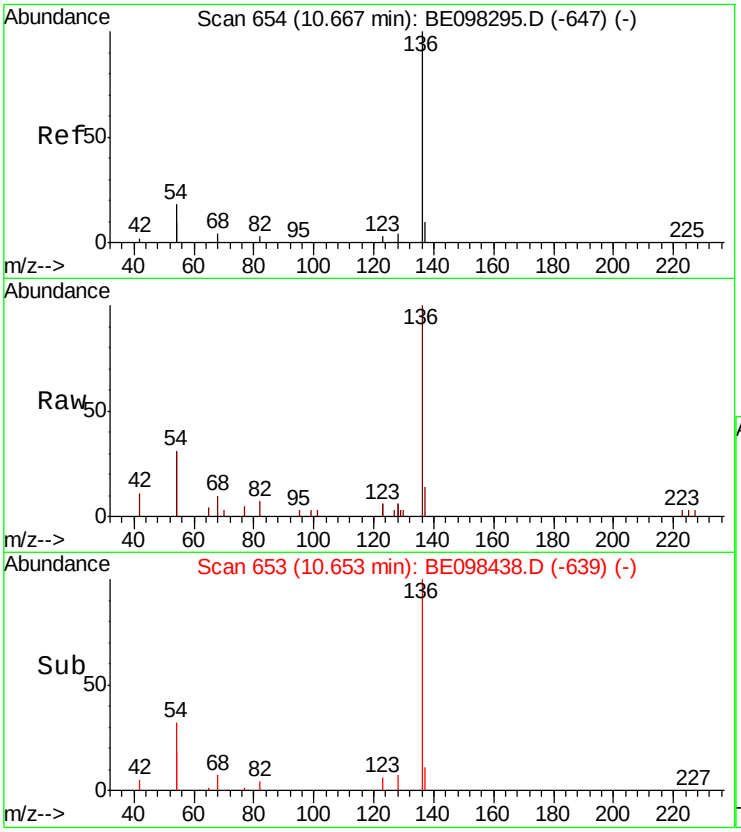


#6
bis(2-Chloroethyl)ether
Concen: 0.181 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion: 93 Resp: 522

Ion	Ratio	Lower	Upper
93	100		
63	306.1	264.4	396.6
95	34.3	26.6	40.0



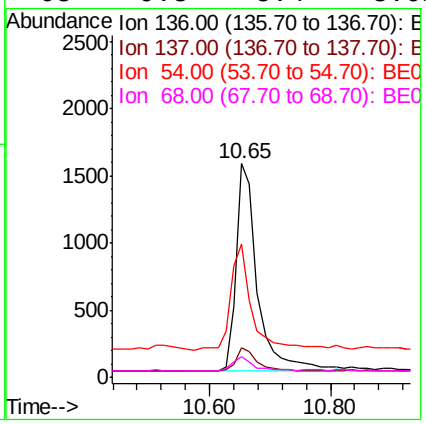


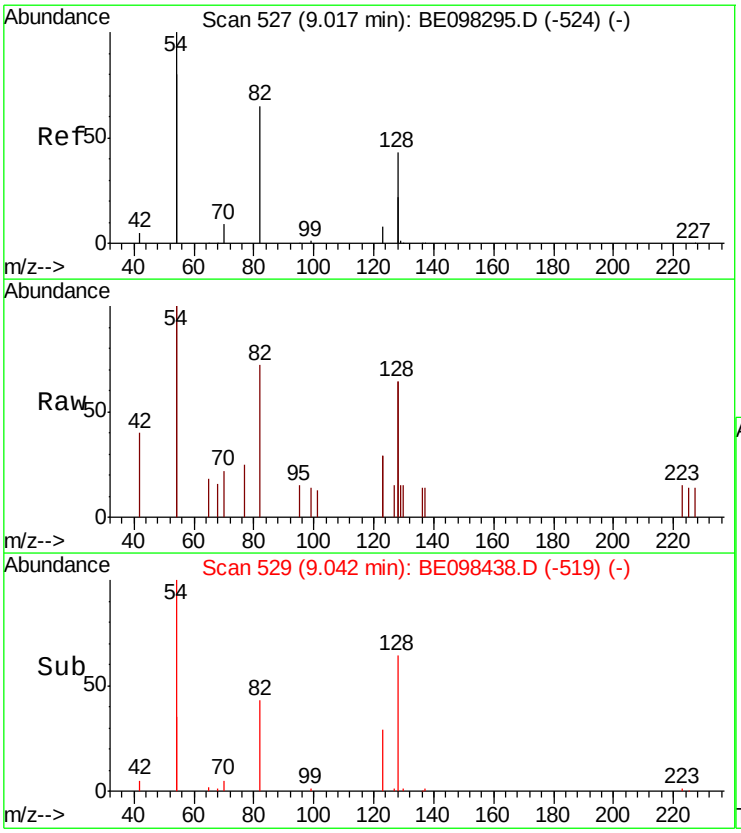
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:136 Resp: 3837

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.2	13.8
54	62.3	28.4	42.6#
68	9.8	5.4	8.0#

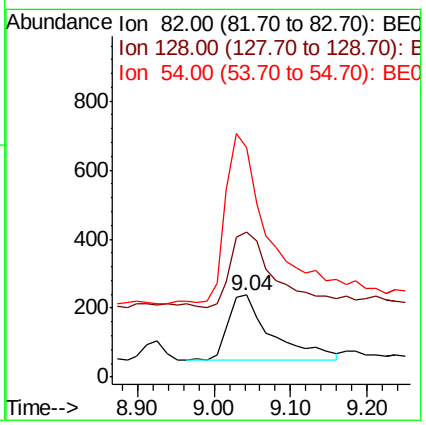


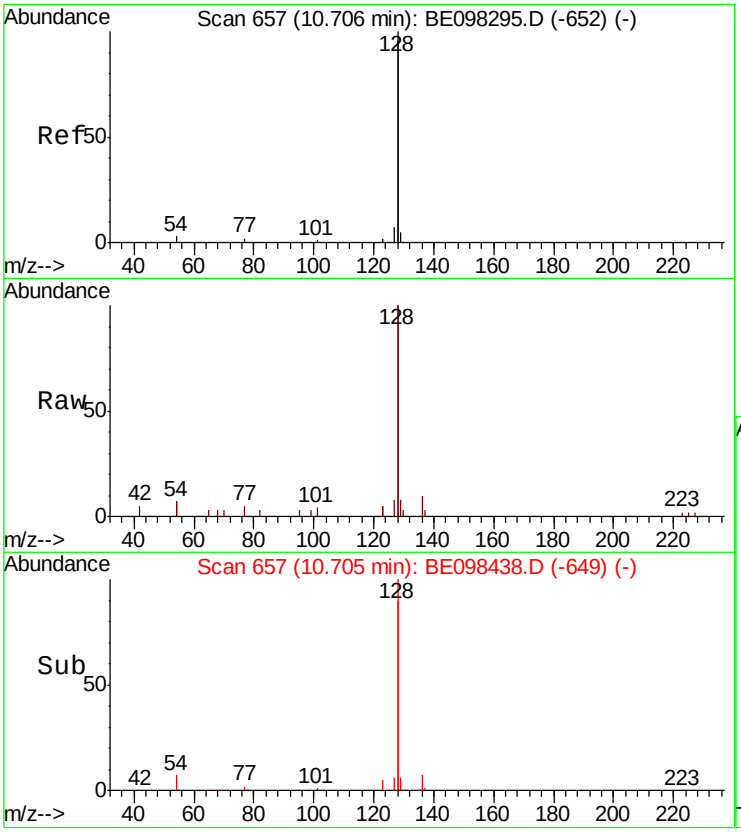


#8
Nitrobenzene-d5
Concen: 0.213 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion: 82 Resp: 745

Ion	Ratio	Lower	Upper
82	100		
128	177.3	102.4	153.6#
54	279.0	221.8	332.8



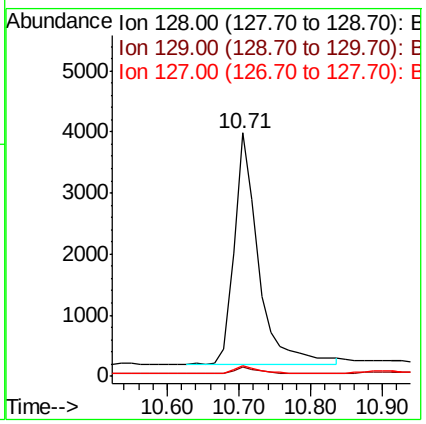


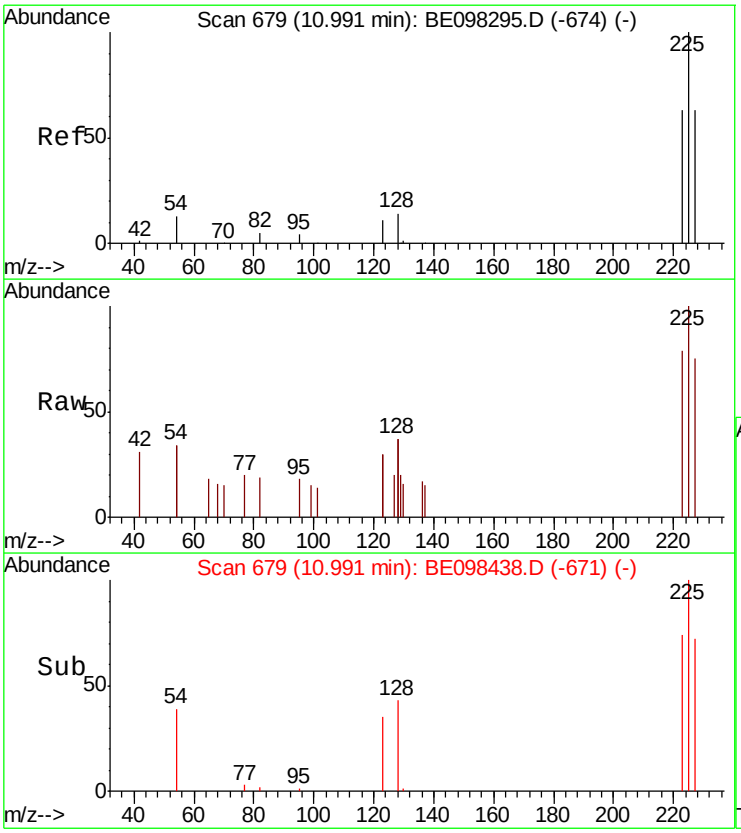
#9
Naphthalene
Concen: 0.230 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:128 Resp: 8896

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.5	3.7#
127	4.2	2.7	4.1#

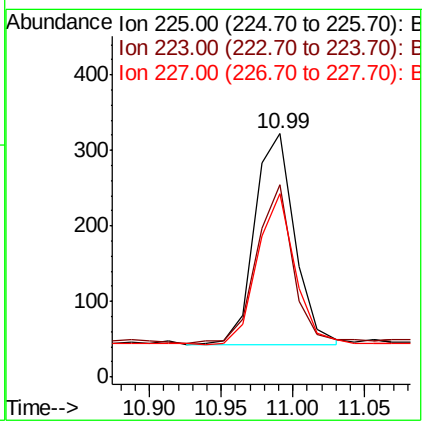


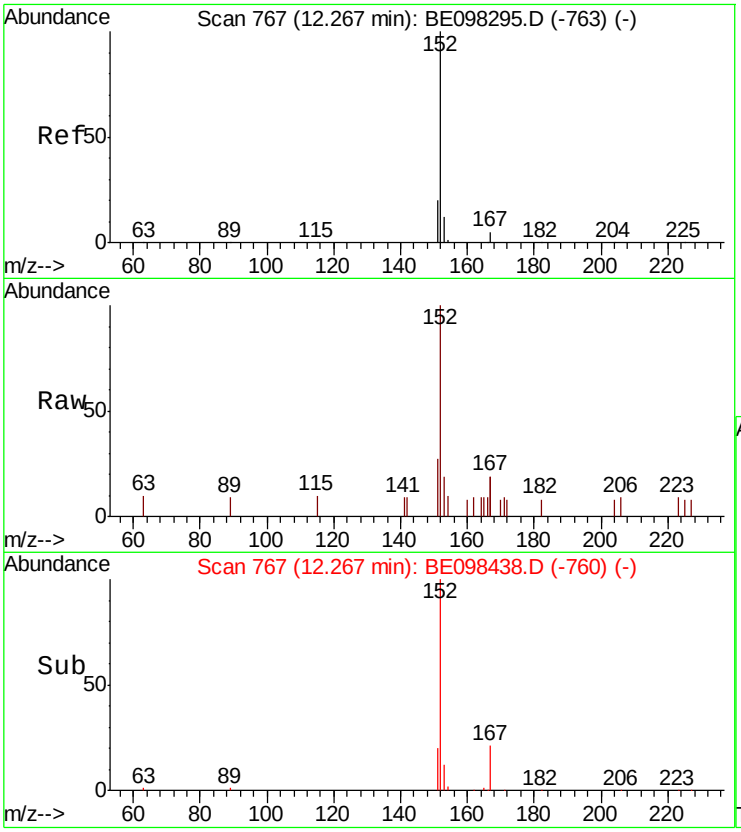


#10
Hexachlorobutadiene
Concen: 0.220 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:225 Resp: 540

Ion	Ratio	Lower	Upper
225	100		
223	67.8	49.4	74.0
227	67.0	52.0	78.0



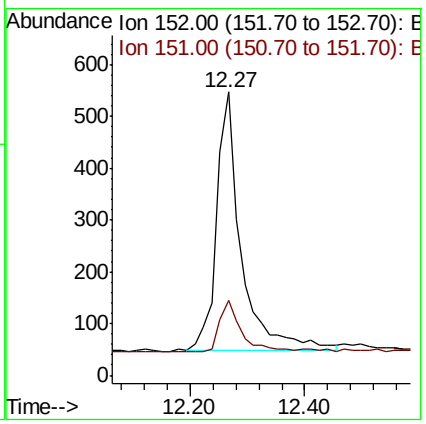


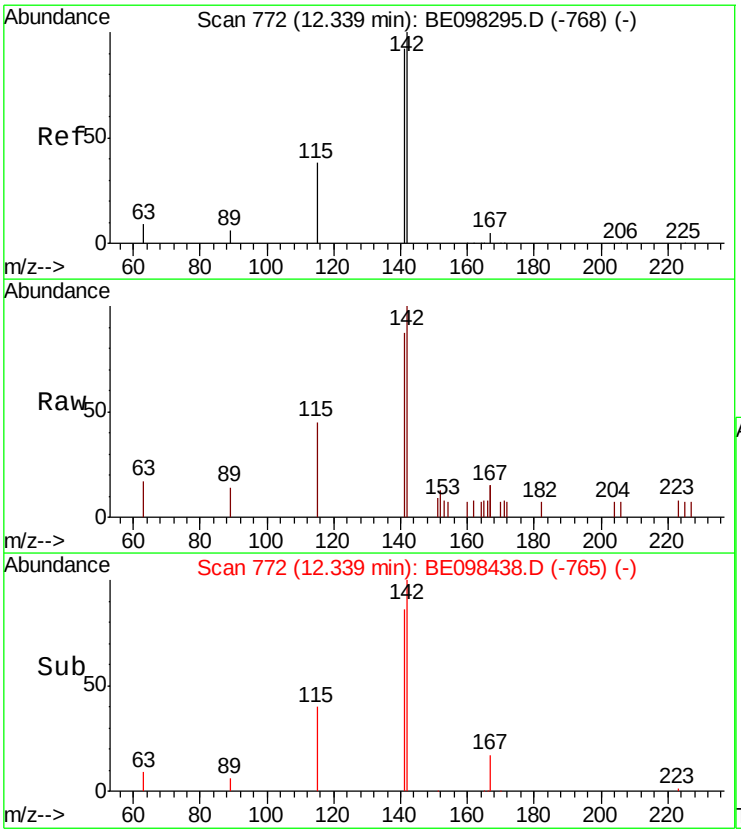
#11
2-Methylnaphthalene-d10
Concen: 0.237 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:152 Resp: 1478

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.2	24.4

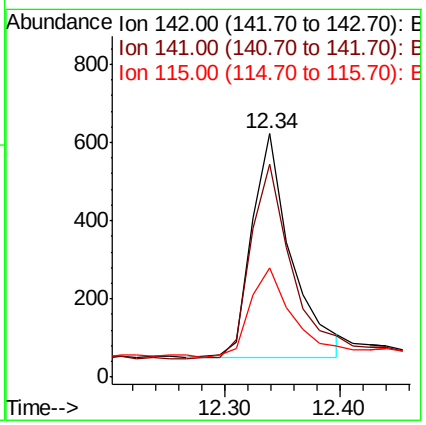


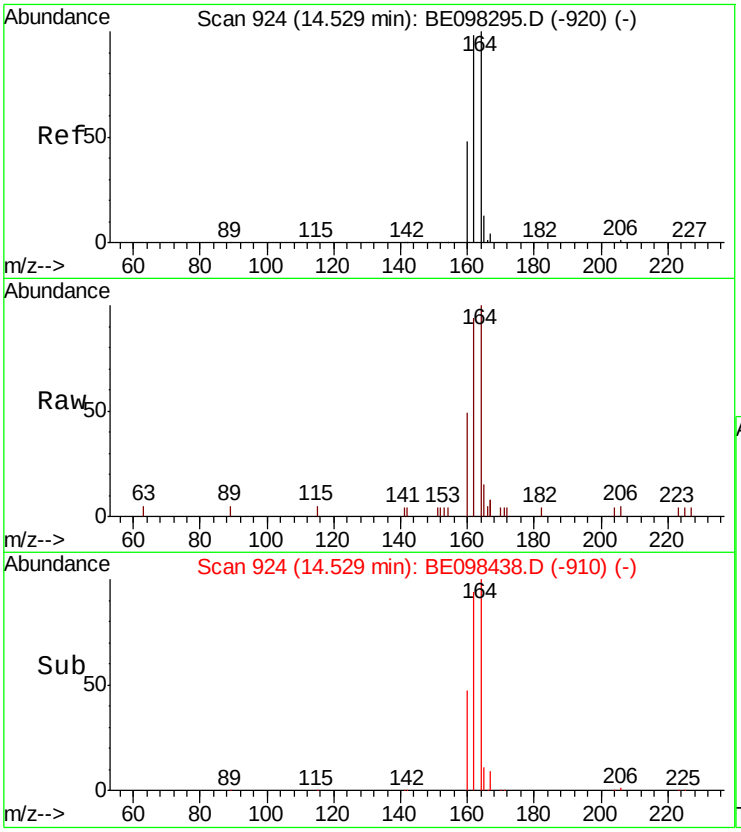


#12
2-Methylnaphthalene
Concen: 0.216 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:142 Resp: 1354

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.0	106.6
115	44.6	32.2	48.2



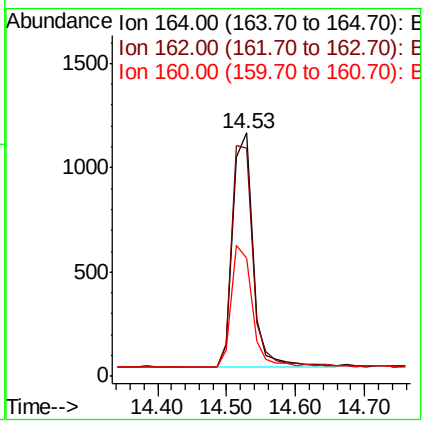


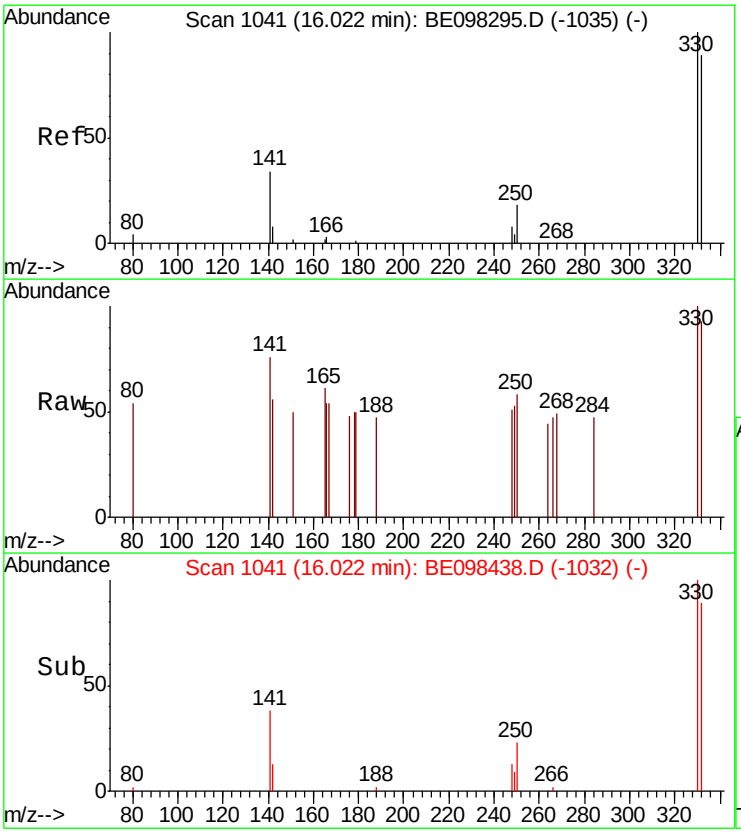
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:164 Resp: 2268

Ion	Ratio	Lower	Upper
164	100		
162	93.8	77.6	116.4
160	48.6	36.0	54.0

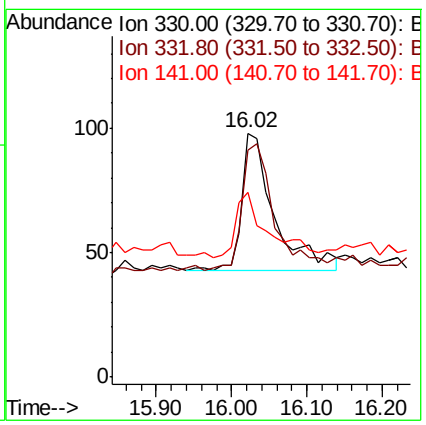


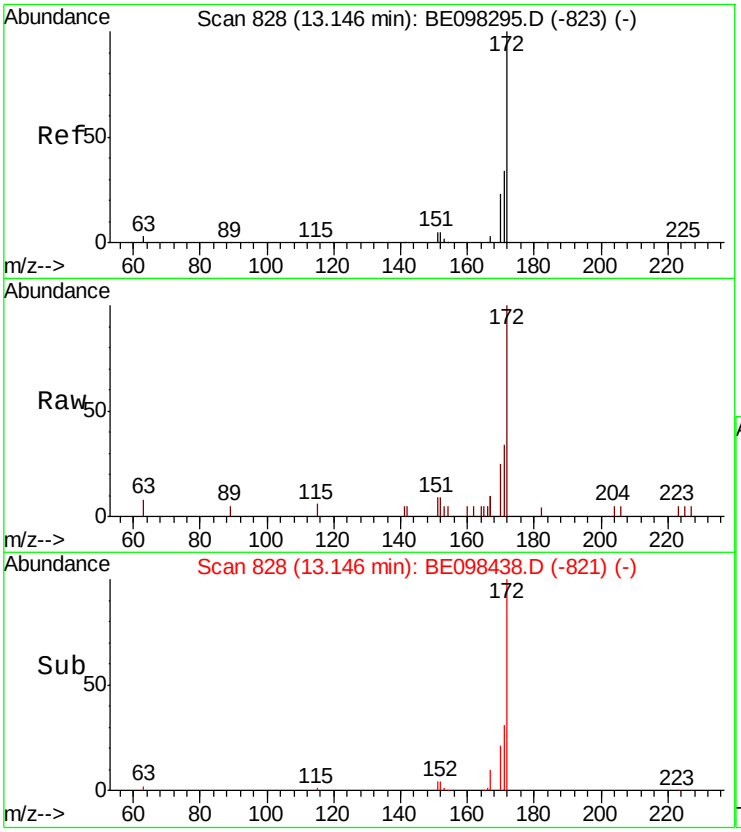


#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 16.02 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:330 Resp: 164

Ion	Ratio	Lower	Upper
330	100		
332	91.5	76.2	114.4
141	47.0	39.0	58.4



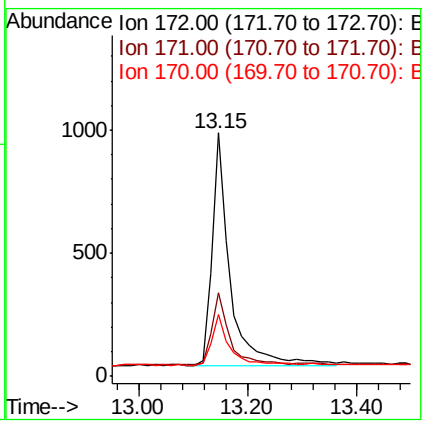


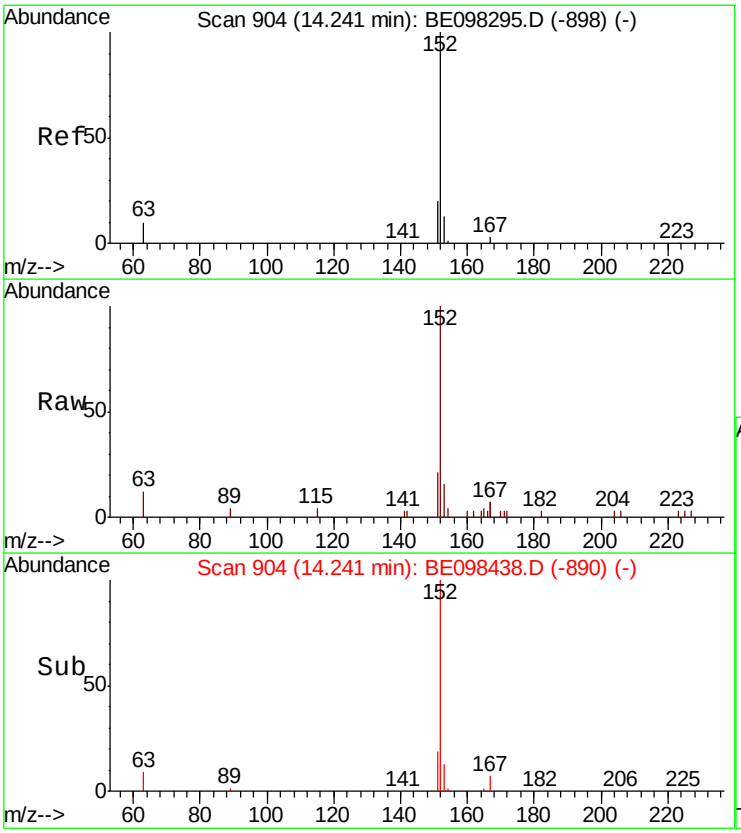
#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:172 Resp: 2191

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	25.2	19.6	29.4

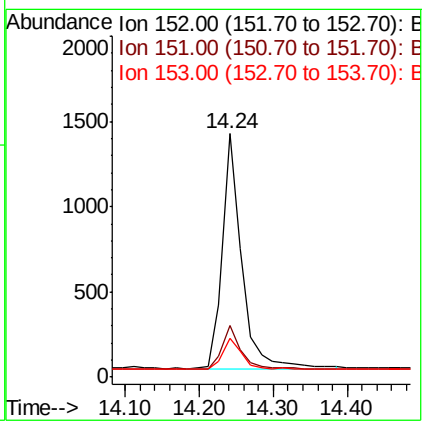


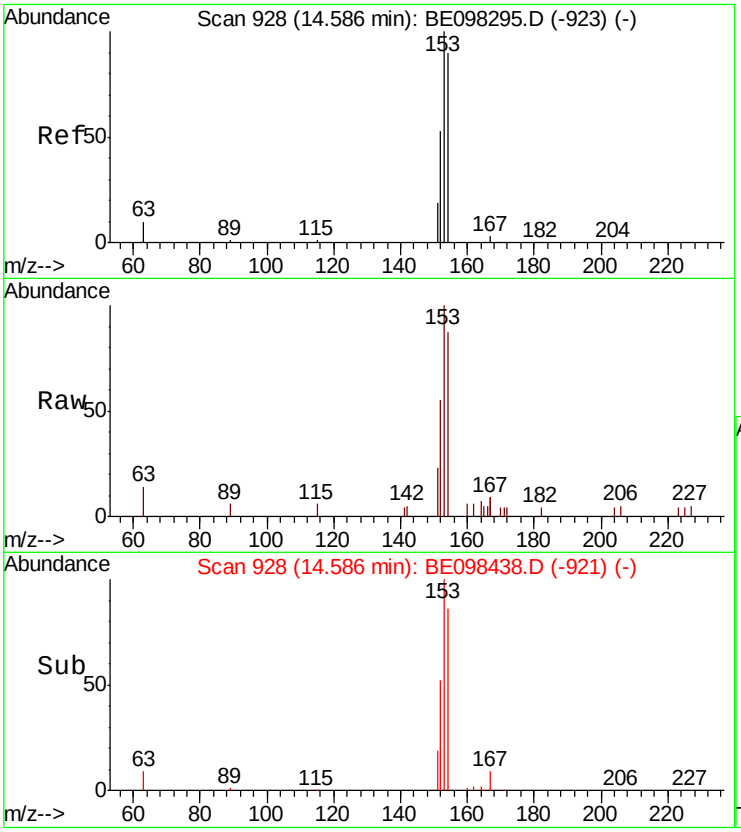


#16
Acenaphthylene
Concen: 0.235 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:152 Resp: 2502

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.5	23.3
153	13.5	10.6	16.0



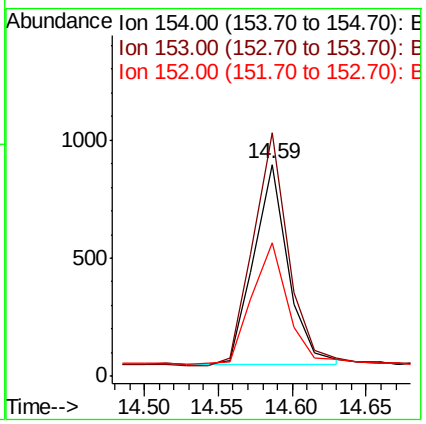


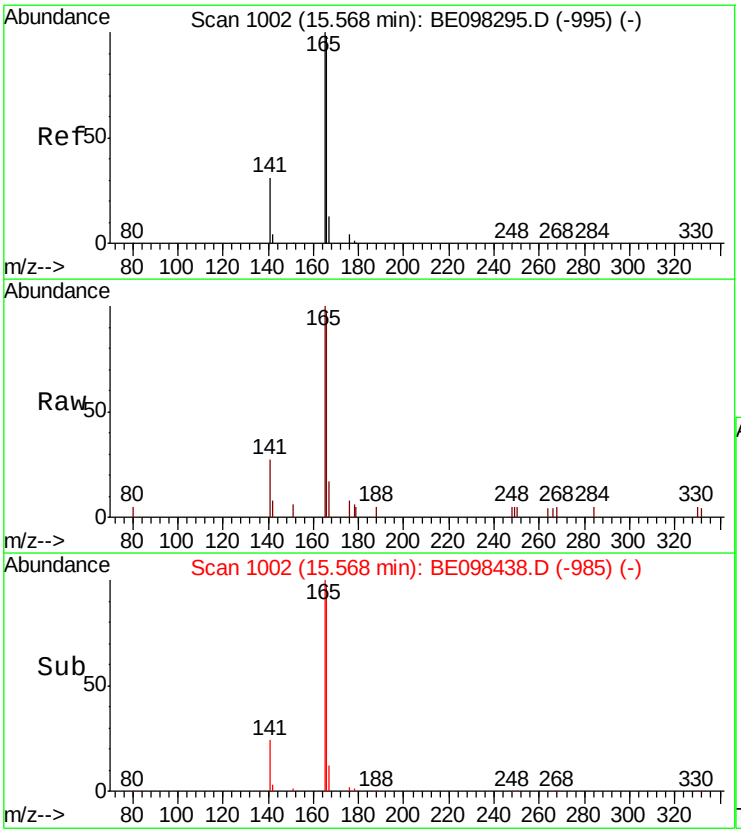
#17
Acenaphthene
Concen: 0.214 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:154 Resp: 1365

Ion	Ratio	Lower	Upper
154	100		
153	119.4	91.8	137.6
152	63.6	45.5	68.3

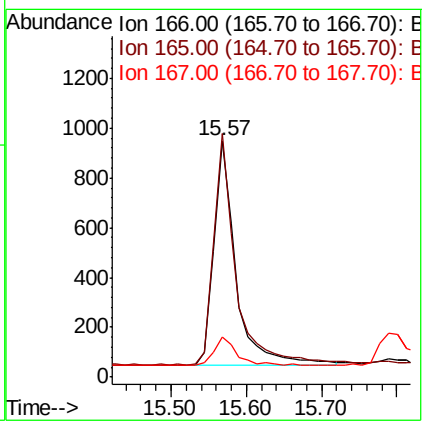


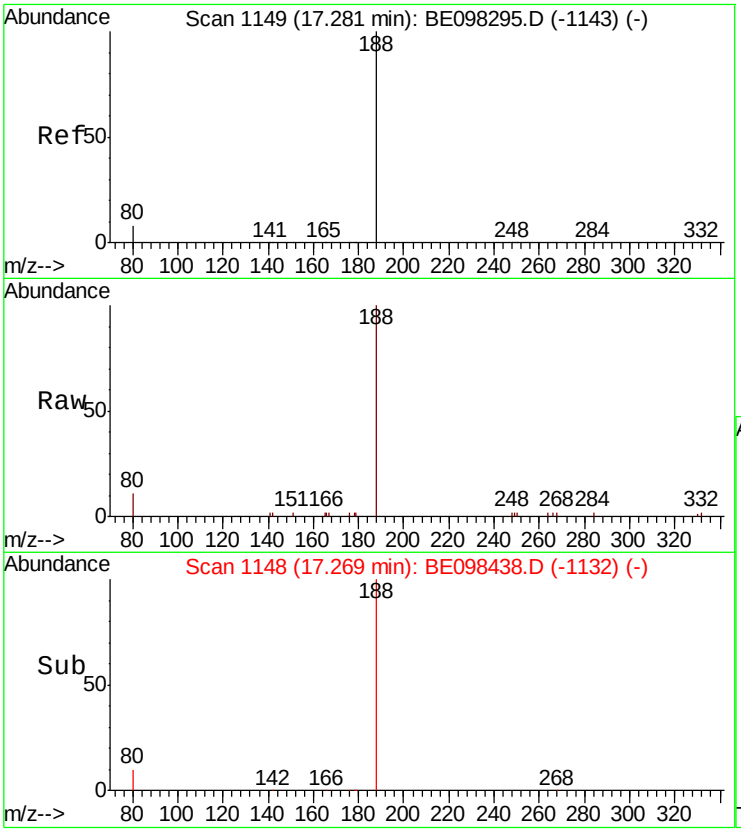


#18
Fluorene
Concen: 0.217 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:166 Resp: 1856

Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.3	118.9
167	13.1	11.3	16.9



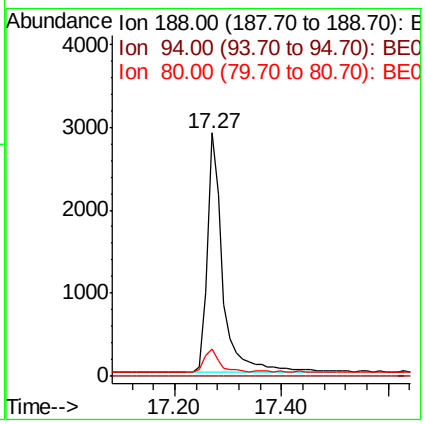


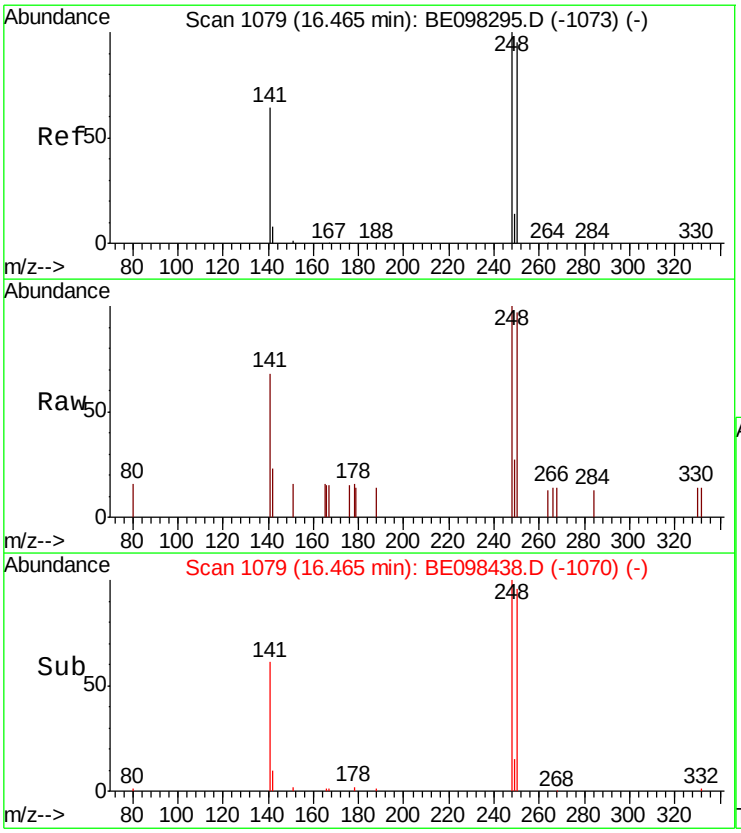
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:188 Resp: 5902

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	7.2	10.8#

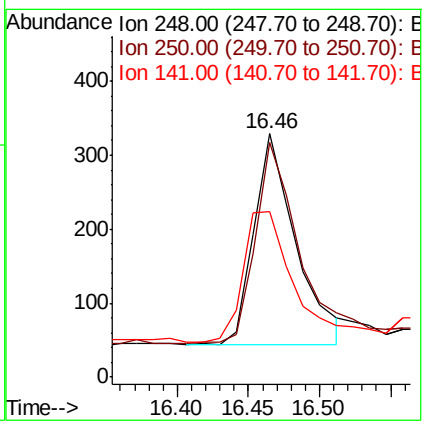


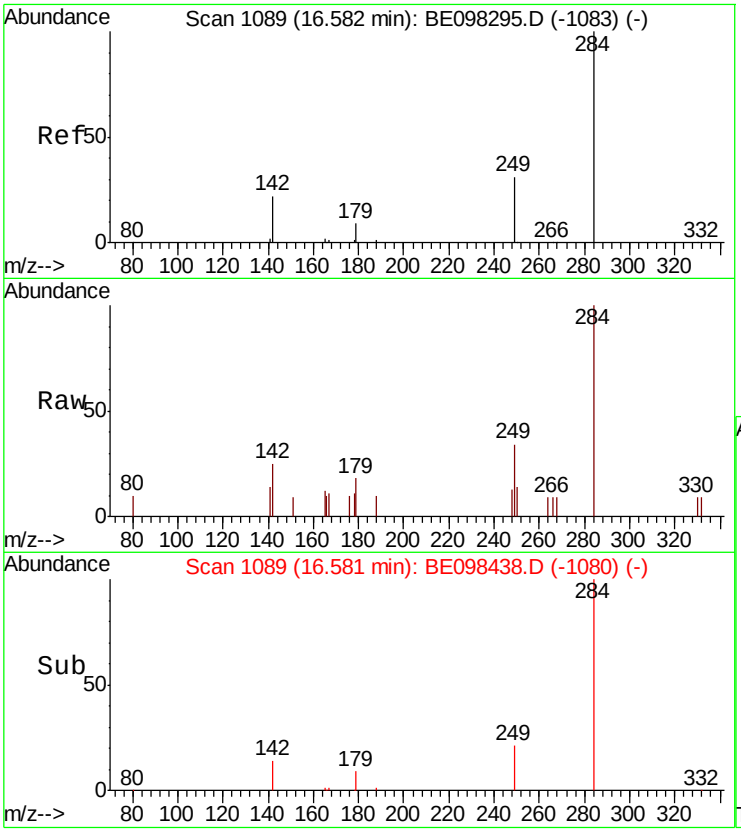


#20
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:248 Resp: 580

Ion	Ratio	Lower	Upper
248	100		
250	96.7	71.0	106.6
141	68.1	62.1	93.1



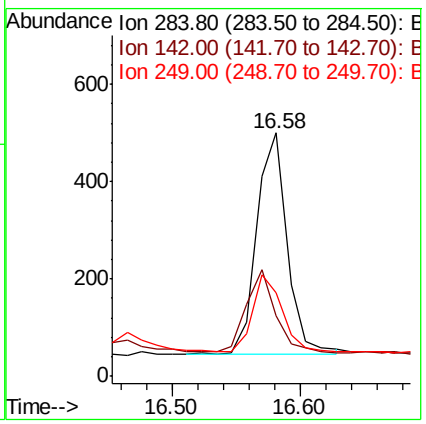


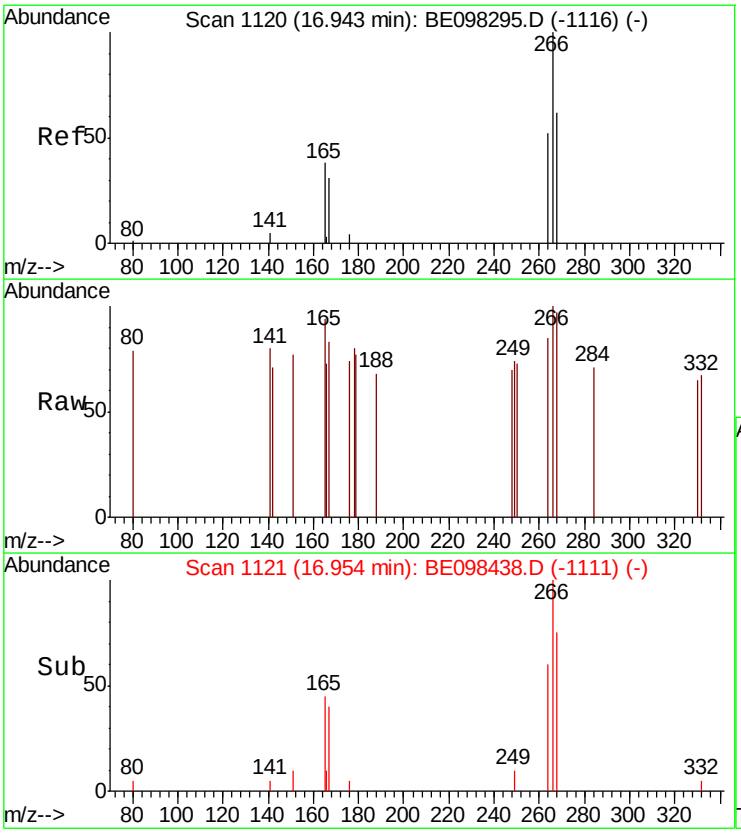
#21
Hexachlorobenzene
Concen: 0.222 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:284 Resp: 759

Ion	Ratio	Lower	Upper
284	100		
142	35.4	26.3	39.5
249	32.3	26.0	39.0

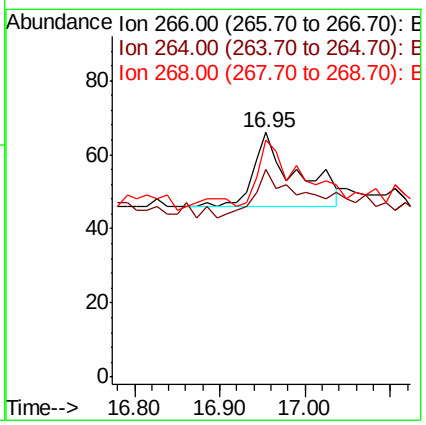


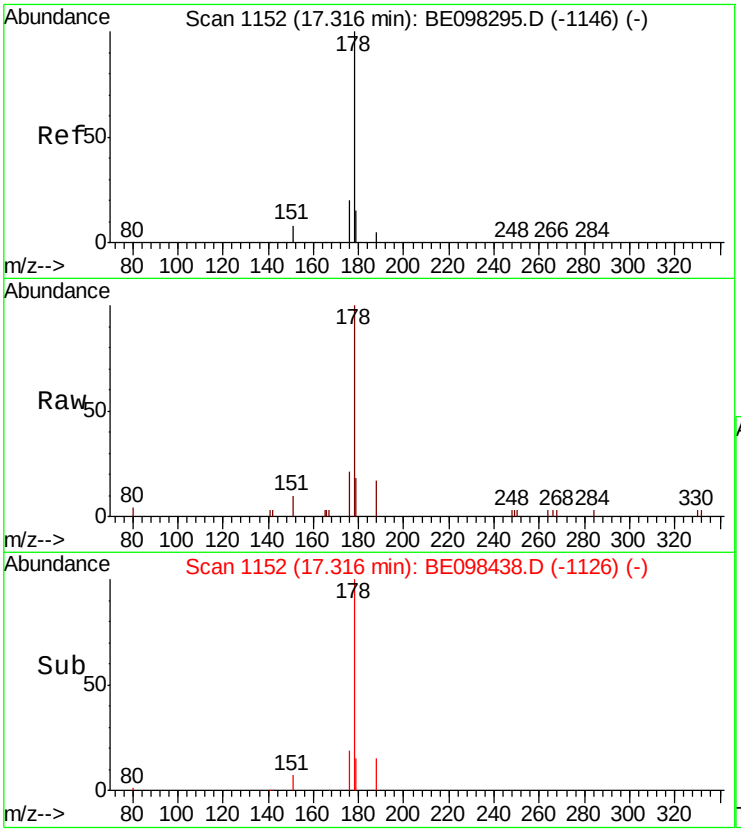


#22
Pentachlorophenol
Concen: 0.146 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
264	84.8	59.0	88.4
268	97.0	55.1	82.7#



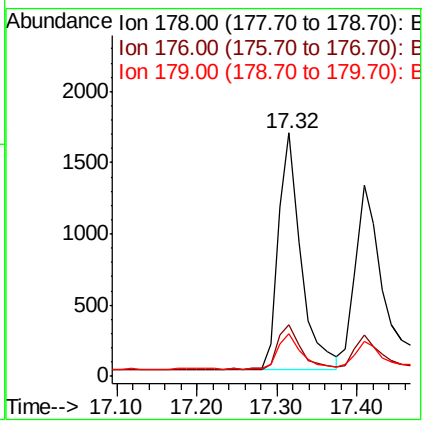


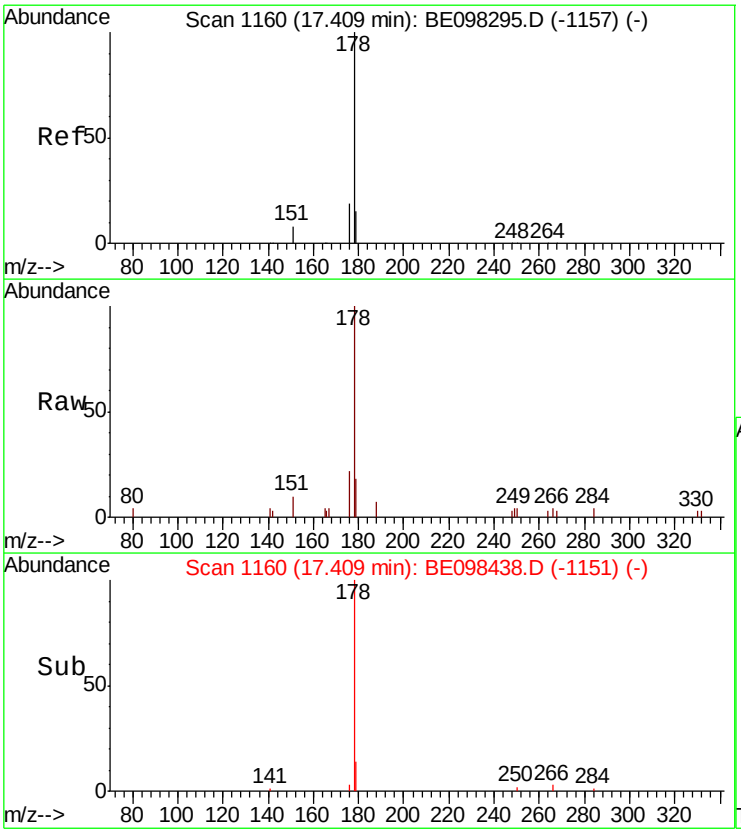
#23
Phenanthrene
Concen: 0.226 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:178 Resp: 3247

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.2	12.3	18.5

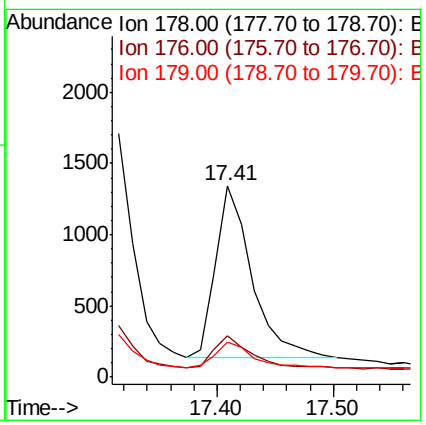


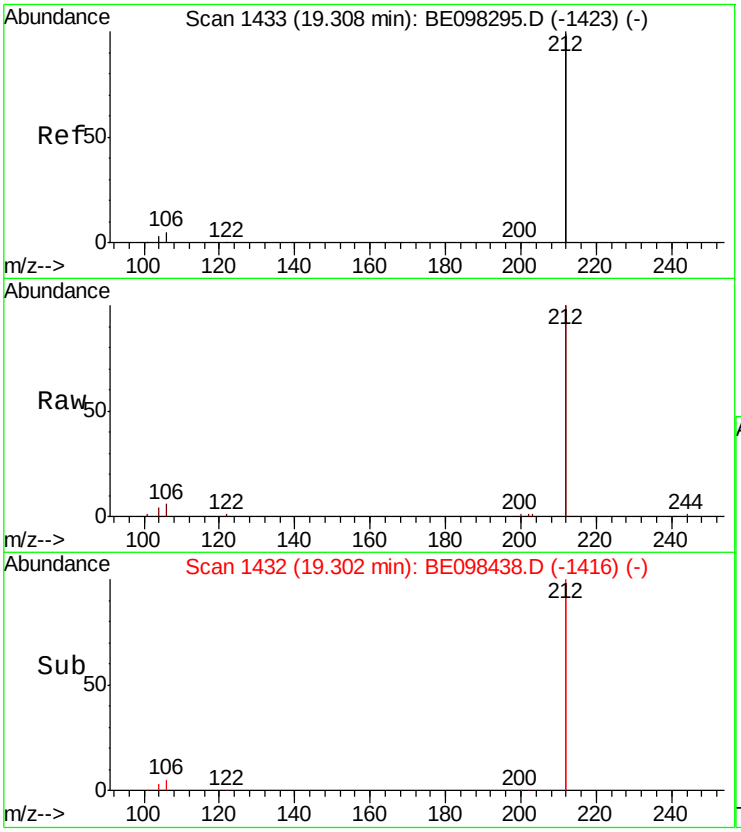


#24
Anthracene
Concen: 0.202 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:178 Resp: 2584

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	16.4	12.3	18.5



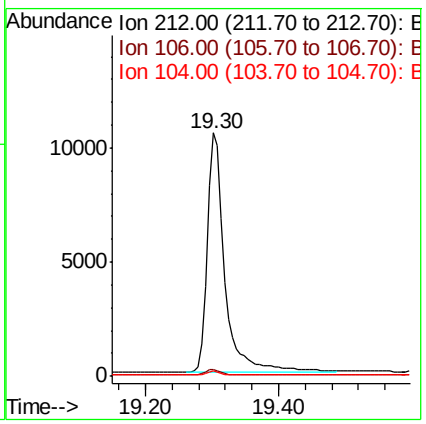


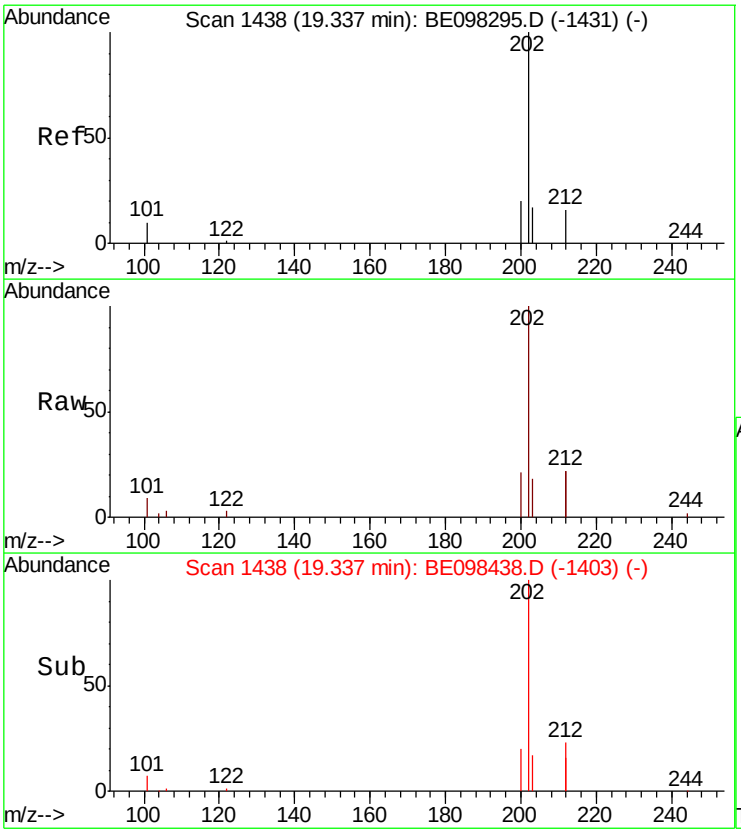
#25
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:212 Resp: 19184

Ion	Ratio	Lower	Upper
212	100		
106	2.5	2.2	3.2
104	1.4	1.3	1.9

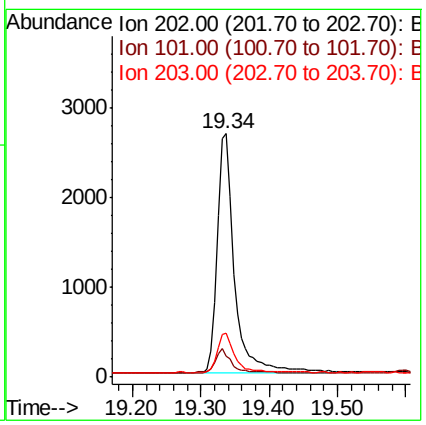


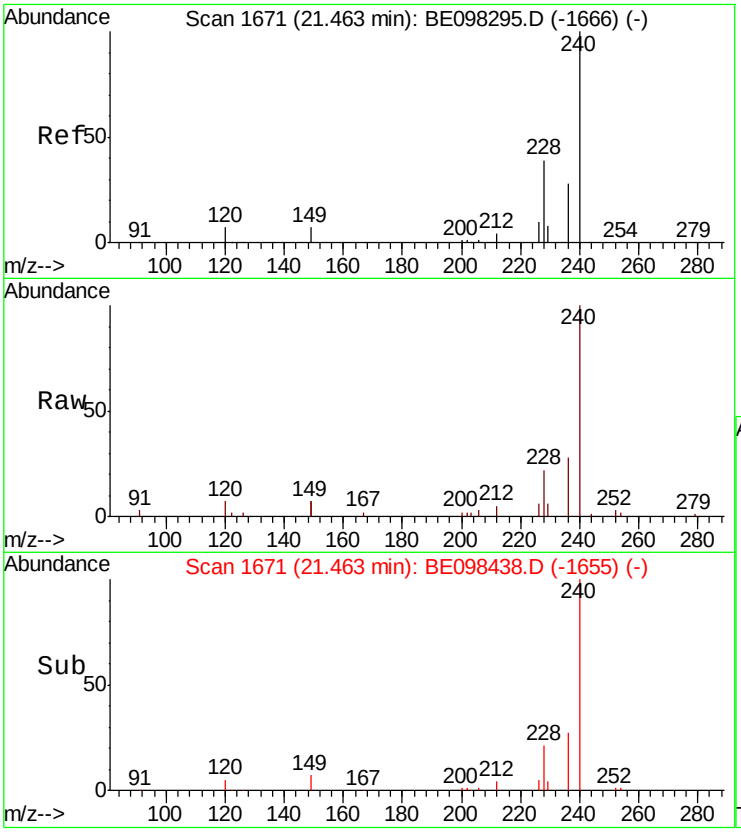


#26
Fluoranthene
Concen: 0.253 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:202 Resp: 4797

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.0	12.0
203	16.7	13.8	20.6



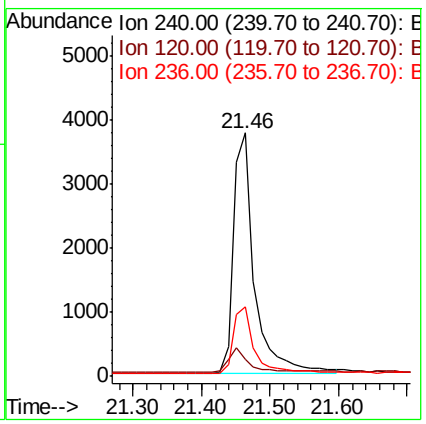


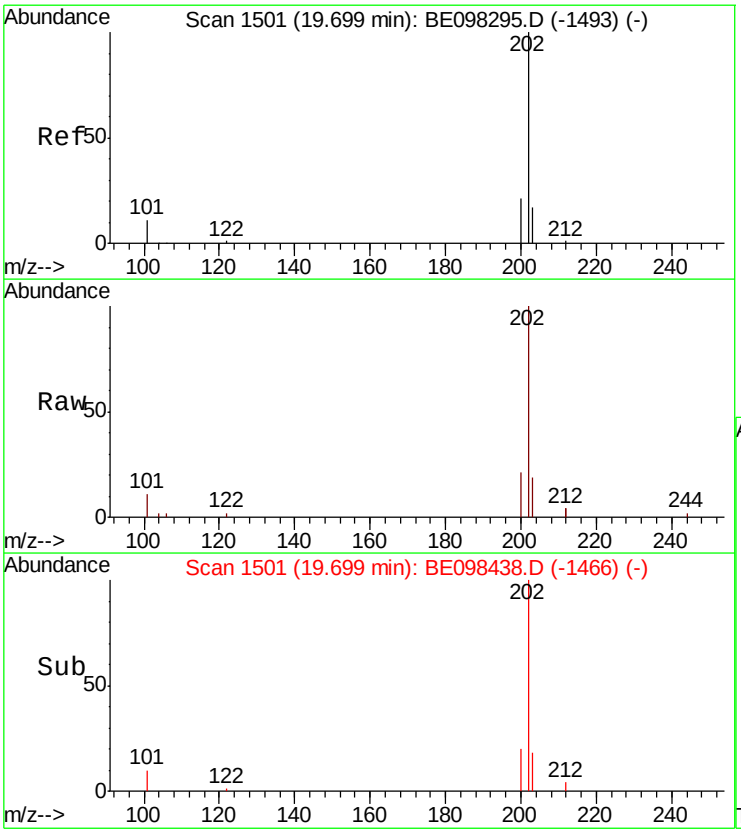
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:240 Resp: 7954

Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.5	14.3#
236	28.4	22.7	34.1

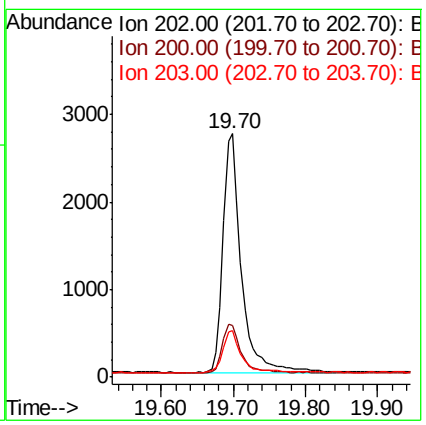


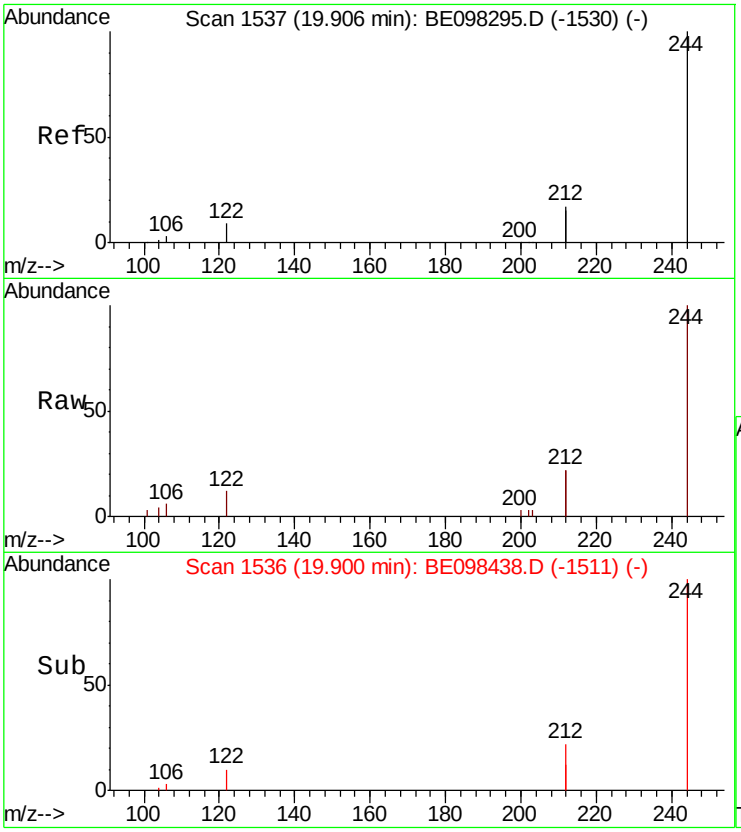


#28
Pyrene
Concen: 0.194 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:202 Resp: 4832

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.6	14.1	21.1



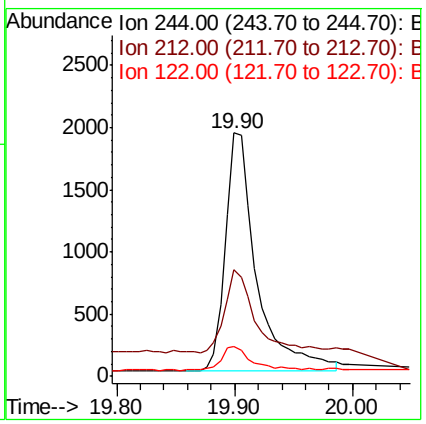


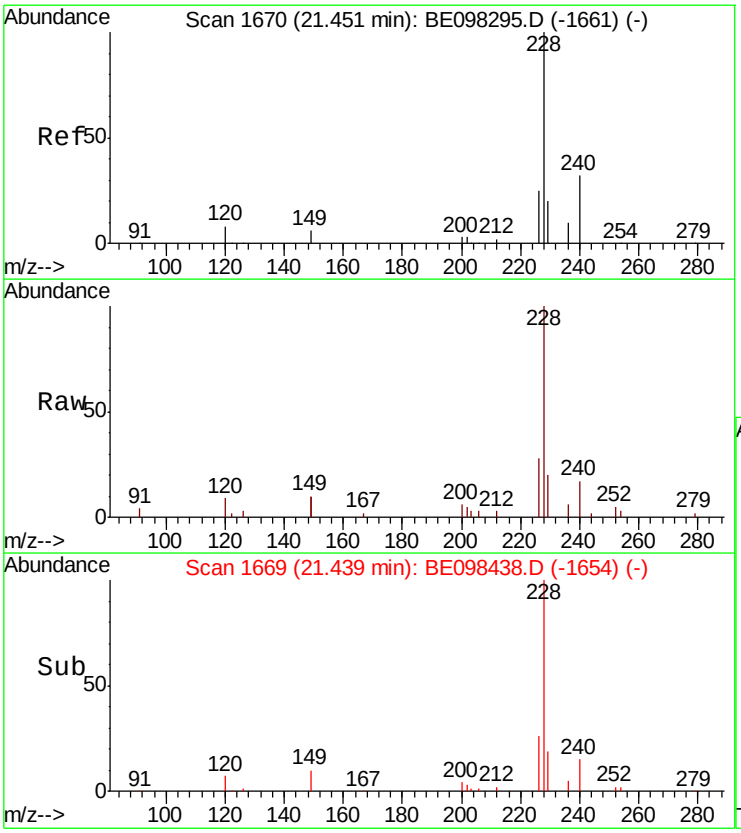
#29
Terphenyl-d14
Concen: 0.182 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:244 Resp: 3509

Ion	Ratio	Lower	Upper
244	100		
212	43.8	27.4	41.0#
122	12.3	8.3	12.5

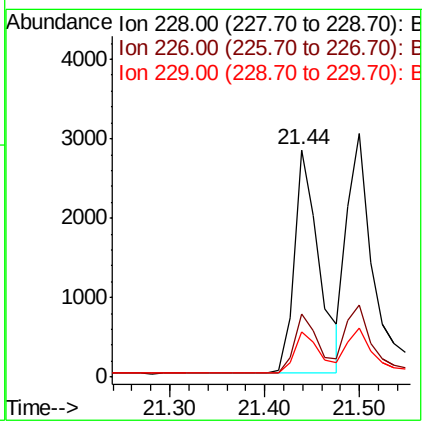


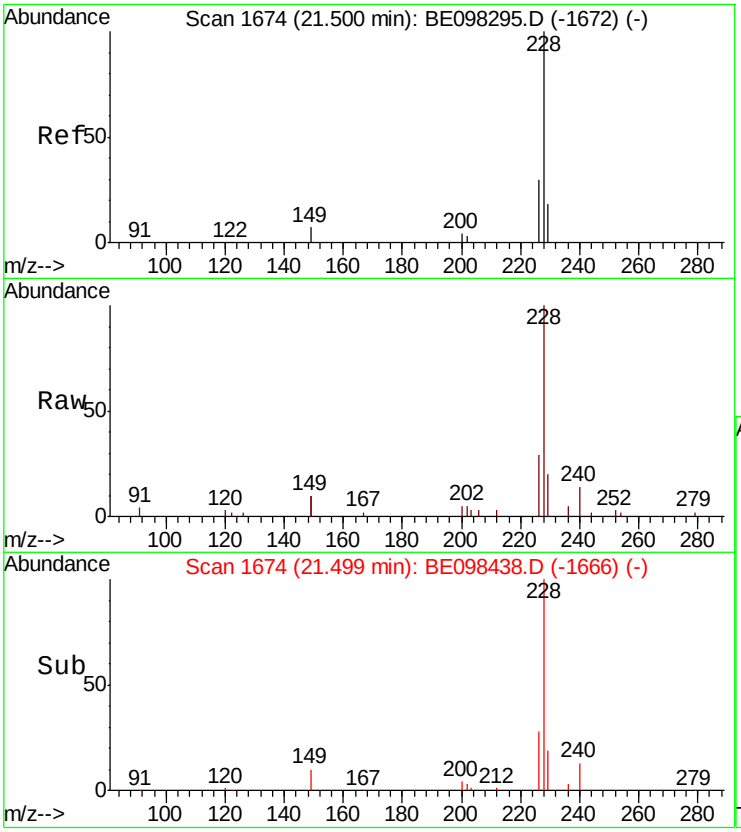


#30
Benzo(a)anthracene
Concen: 0.224 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:228 Resp: 5077

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.1	16.3	24.5



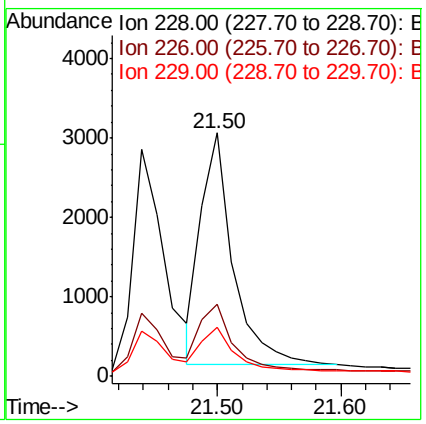


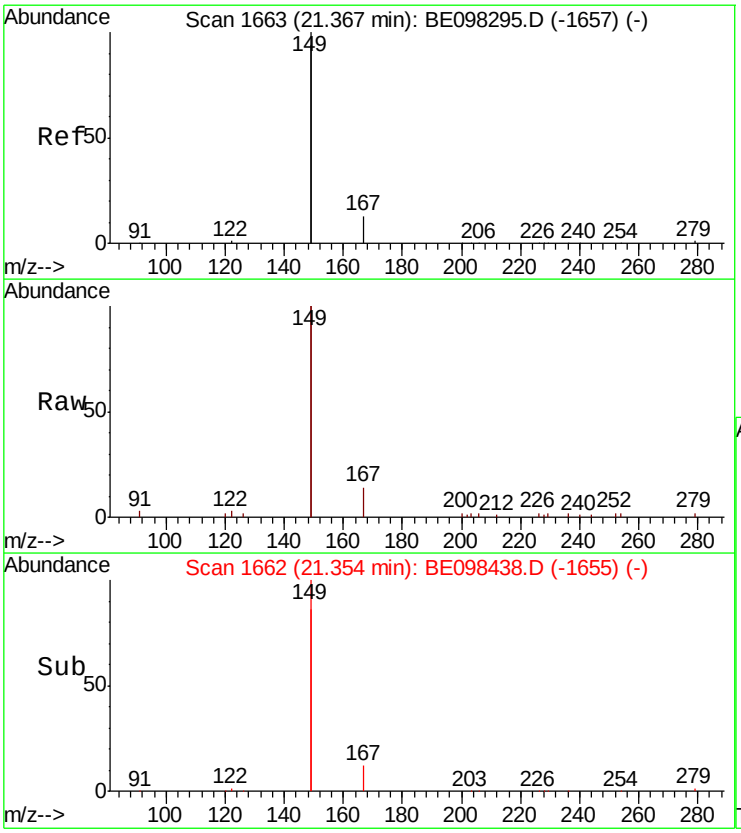
#31
Chrysene
Concen: 0.224 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:228 Resp: 5304

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	20.4	16.2	24.4

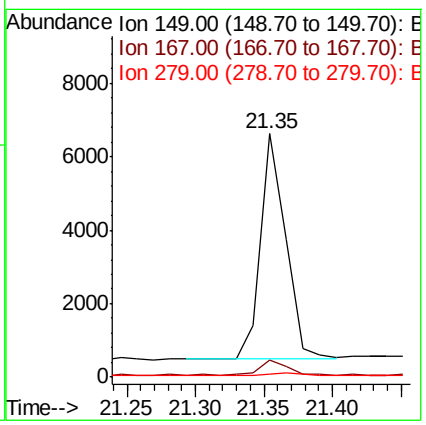


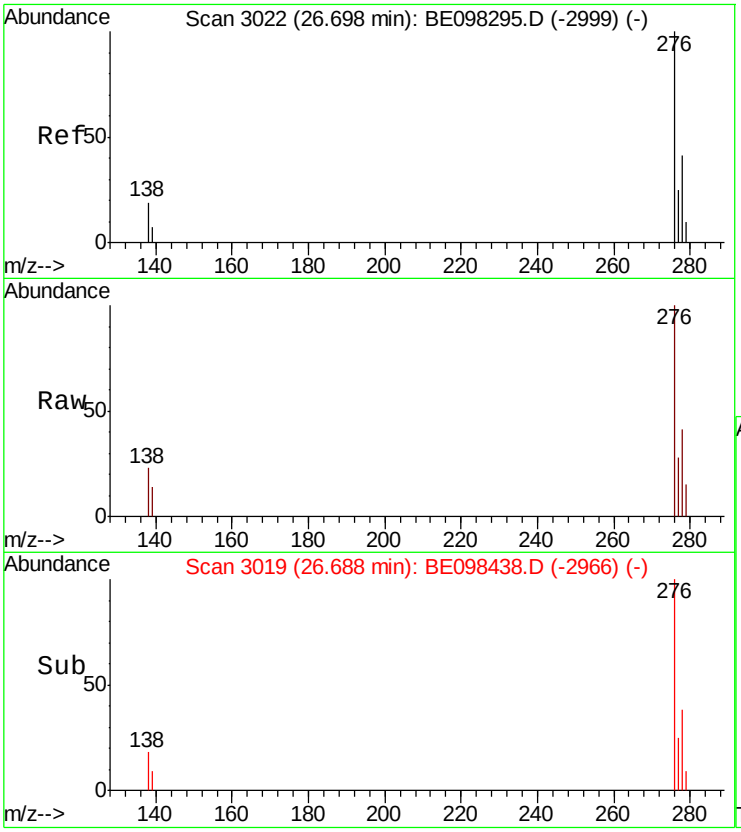


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.169 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:149 Resp: 7795

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.2	1.0	1.4



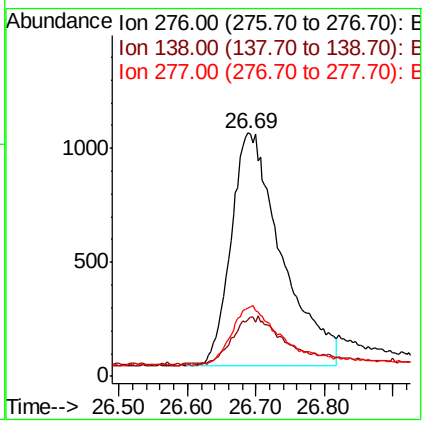


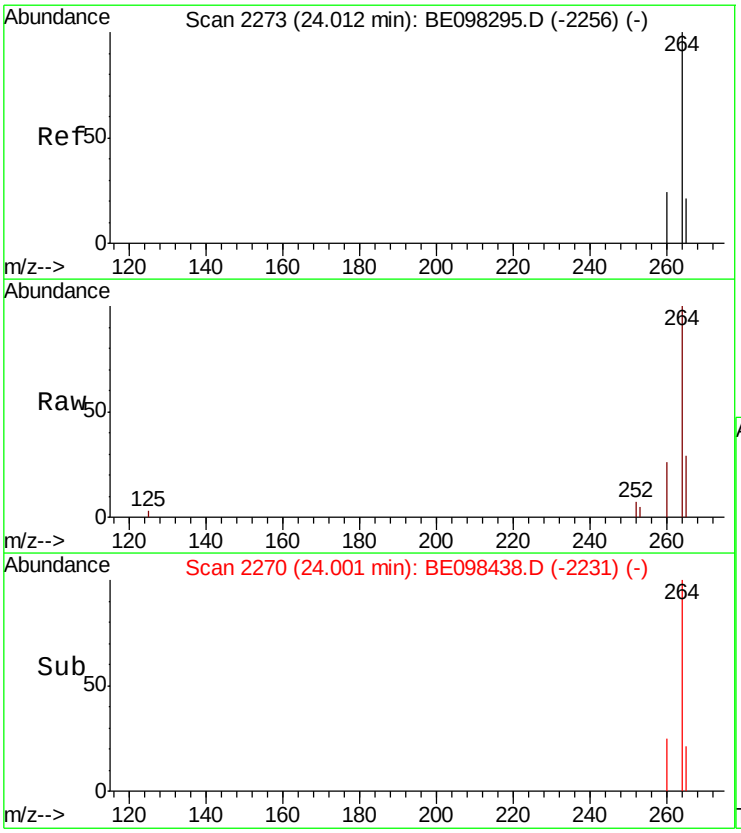
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.223 ng
RT: 26.69 min Scan# 3019
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:276 Resp: 5258

Ion	Ratio	Lower	Upper
276	100		
138	8.8	16.3	24.5#
277	22.7	20.2	30.4

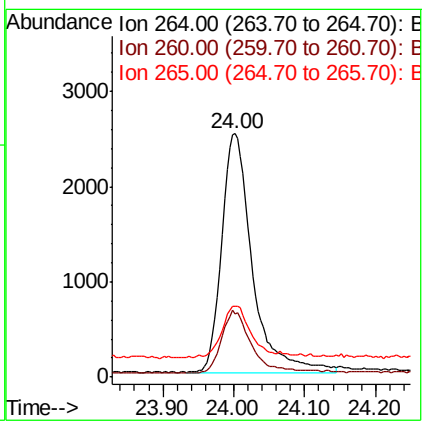


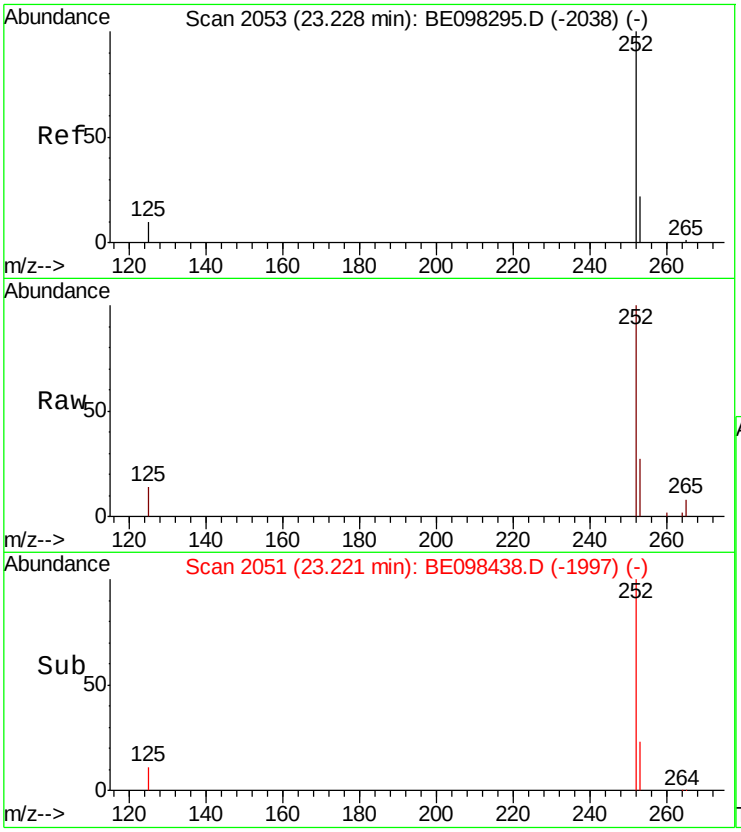


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:264 Resp: 7451

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.2	30.2
265	29.0	25.2	37.8



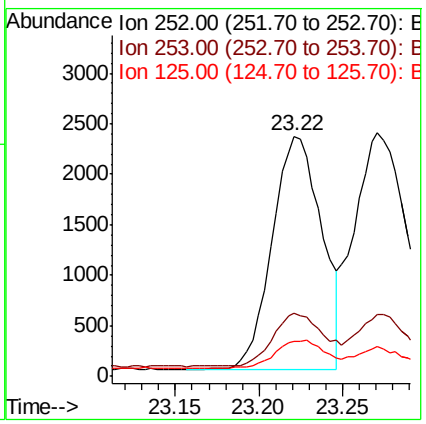


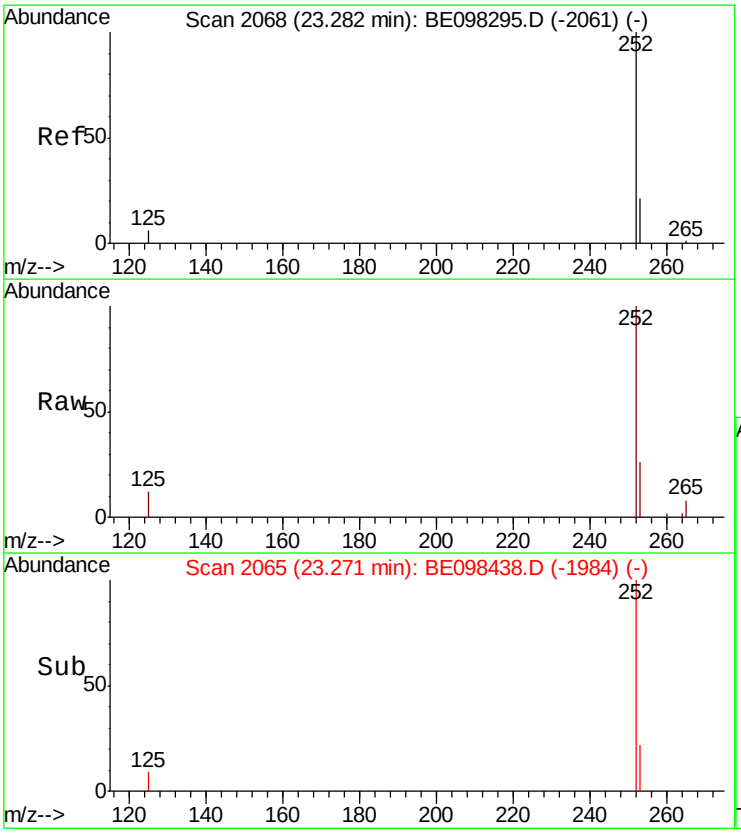
#35
Benzo(b)fluoranthene
Concen: 0.234 ng
RT: 23.22 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:252 Resp: 4761

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.0	30.0
125	14.4	9.6	14.4

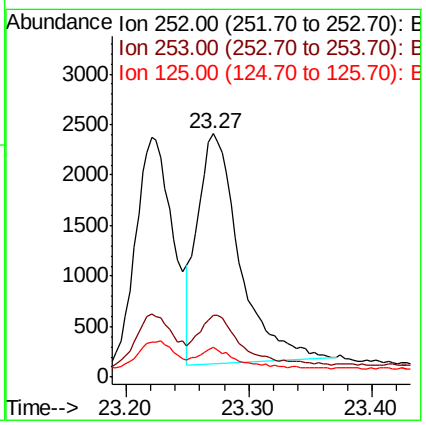


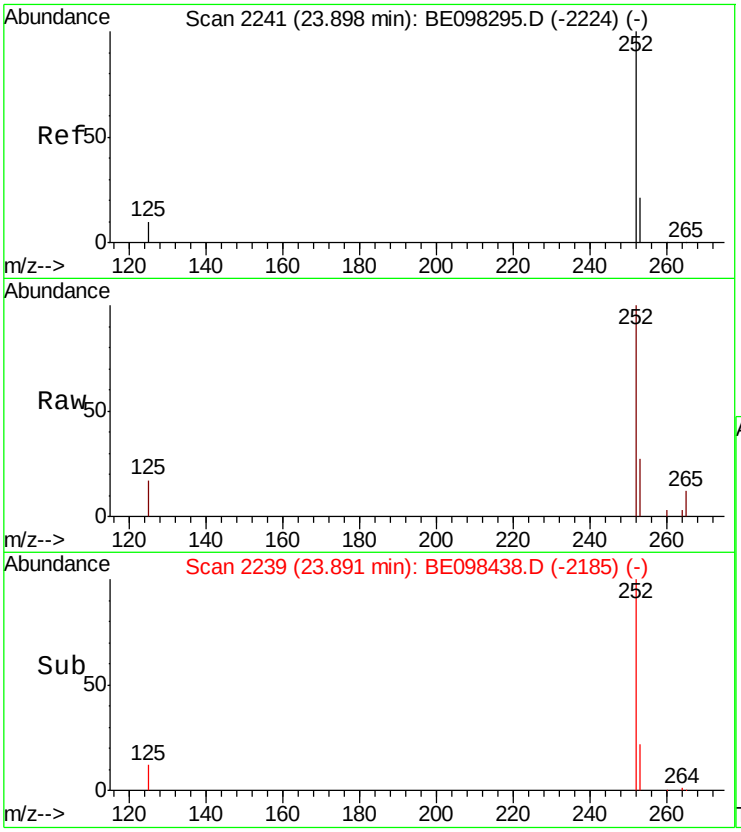


#36
Benzo(k)fluoranthene
Concen: 0.228 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:252 Resp: 5401

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.0	28.6
125	12.0	9.1	13.7



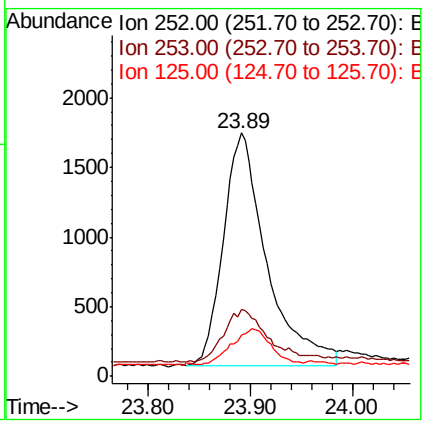


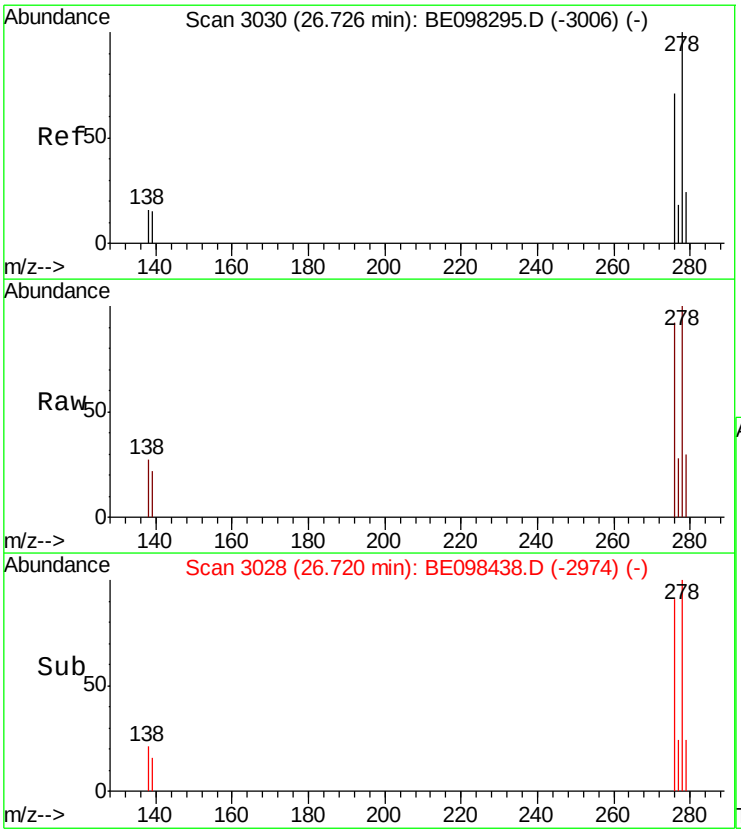
#37
Benzo(a)pyrene
Concen: 0.233 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:252 Resp: 4897

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.6	30.8
125	17.0	10.5	15.7#

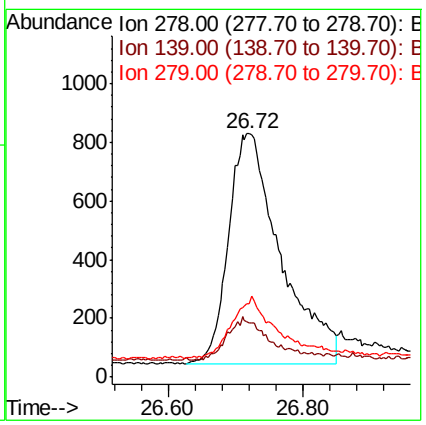


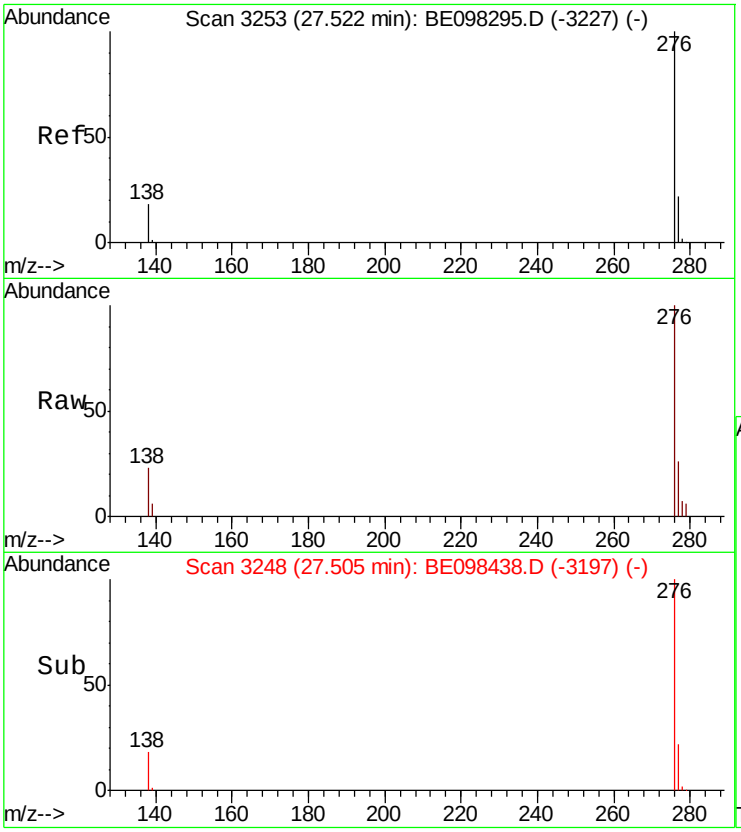


#38
Dibenzo(a,h)anthracene
Concen: 0.212 ng
RT: 26.72 min Scan# 3028
Delta R.T. -0.01 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Tgt Ion:278 Resp: 4197

Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.5	21.7#
279	30.4	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.220 ng
RT: 27.50 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BE098438.D
Acq: 14 Dec 2018 16:32

Instrument :
BNA_E
ClientSampleId :
PB115633BS

Tgt Ion:276 Resp: 4385

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.8	31.2
138	23.0	15.8	23.6