Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098835.D
Acq On : 8 Mar 2019 15:31
Operator : JU/SJ
Sample : K1793-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE123D1-20190306MS

Quant Time: Mar 08 16:07:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	750	0.40	ng		0.01
7) Naphthalene-d8	10.60	136	3180	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	1998	0.40	ng		0.01
19) Phenanthrene-d10	17.21	188	4988	0.40	ng		0.00
27) Chrysene-d12	21.40	240	7073	0.40	ng		0.00
34) Perylene-d12	23.91	264	6871	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	340	0.15	ng		0.03
5) Phenol-d6	7.00	99	356	0.11	ng		0.01
8) Nitrobenzene-d5	8.98	82	1370	0.41	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	2959	0.50	ng		0.01
14) 2,4,6-Tribromophenol	15.97	330	439	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	3685	0.45	ng		0.00
25) Fluoranthene-d10	19.25	212	29680	0.37	ng		0.00
29) Terphenyl-d14	19.84	244	8058	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	3722	3.119	ng		94
3) n-Nitrosodimethylamine	3.63	42	259	0.137	ng	#	14
6) bis(2-Chloroethyl)ether	7.24	93	791	0.324	ng	#	76
9) Naphthalene	10.65	128	13075	0.359	ng		100
10) Hexachlorobutadiene	10.93	225	741	0.308	ng		94
12) 2-Methylnaphthalene	12.28	142	2154	0.365	ng		98
16) Acenaphthylene	14.18	152	3471	0.338	ng		98
17) Acenaphthene	14.53	154	2214	0.363	ng		95
18) Fluorene	15.51	166	3055	0.348	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	968	0.358	ng	#	82
21) Hexachlorobenzene	16.52	284	1130	0.352	ng		98
22) Pentachlorophenol	16.89	266	618	0.829	ng	#	82
23) Phenanthrene	17.25	178	5347	0.377	ng		98
24) Anthracene	17.35	178	4473	0.369	ng		99
26) Fluoranthene	19.28	202	7349	0.367	ng		100
28) Pyrene	19.64	202	7763	0.359	ng		100
30) Benzo(a)anthracene	21.38	228	8376	0.379	ng		99
31) Chrysene	21.44	228	8431	0.357	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	20530	0.437	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	9328	0.374	ng		99
35) Benzo(b)fluoranthene	23.19	252	8680	0.384	ng		96
36) Benzo(k)fluoranthene	23.19	252	8680	0.367	ng		98
37) Benzo(a)pyrene	23.79	252	8316	0.384	ng	#	98
38) Dibenzo(a,h)anthracene	26.56	278	7415	0.362	ng		97
39) Benzo(g,h,i)perylene	27.35	276	7872	0.367	ng		99

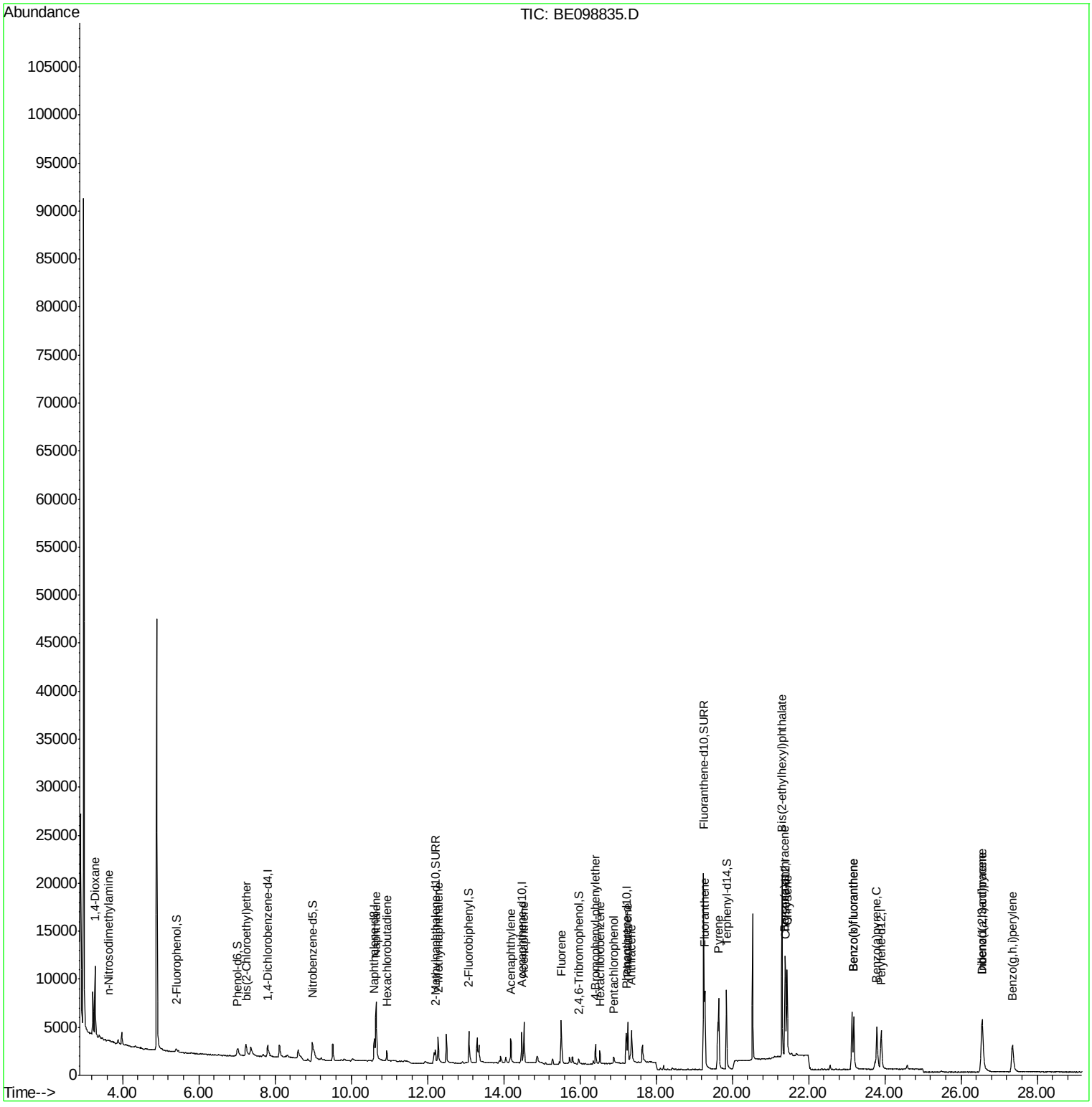
(#) = qualifier out of range (m) = manual integration (+) = signals summed

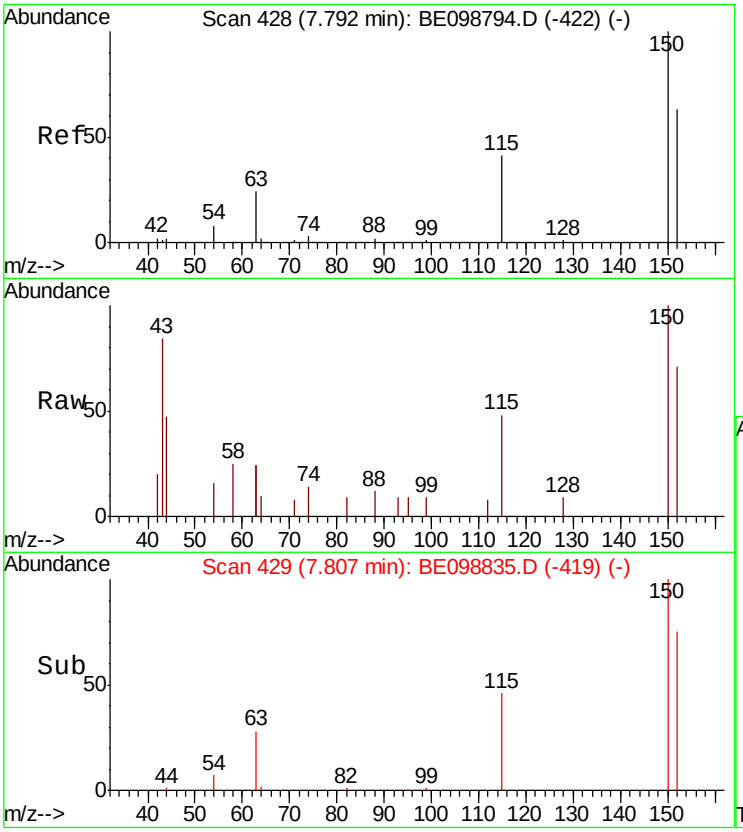
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098835.D
Acq On : 8 Mar 2019 15:31
Operator : JU/SJ
Sample : K1793-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Quant Time: Mar 08 16:07:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



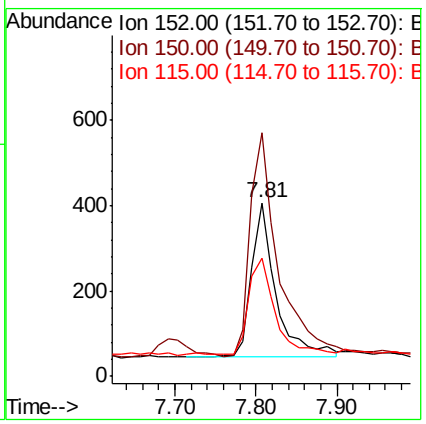


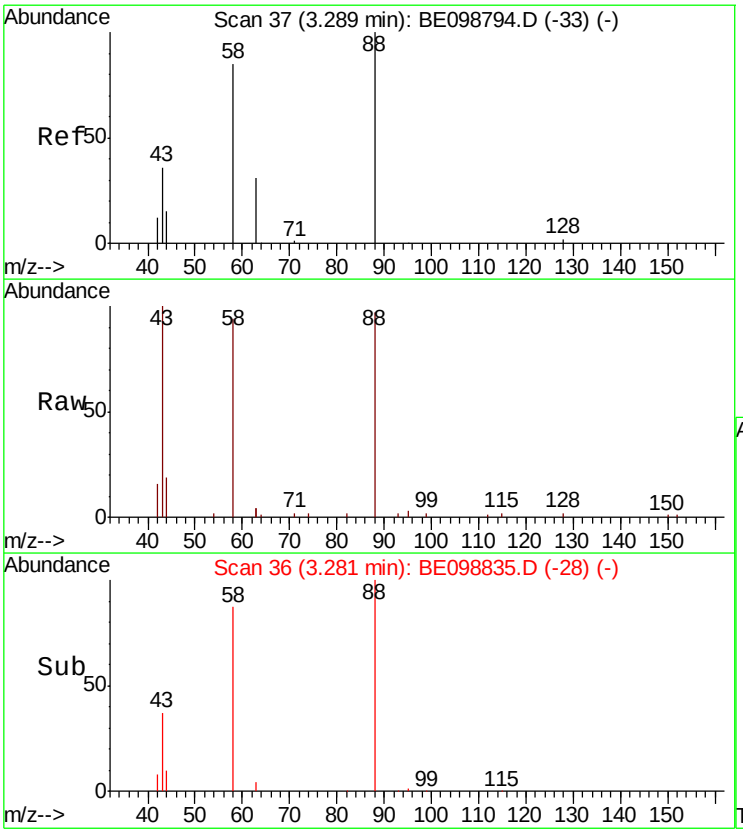
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:152 Resp: 750

Ion	Ratio	Lower	Upper
152	100		
150	140.3	122.5	183.7
115	67.8	57.4	86.2

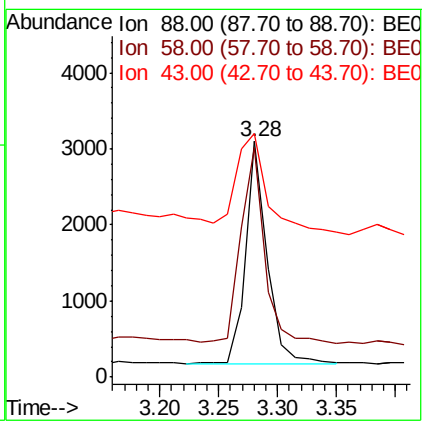


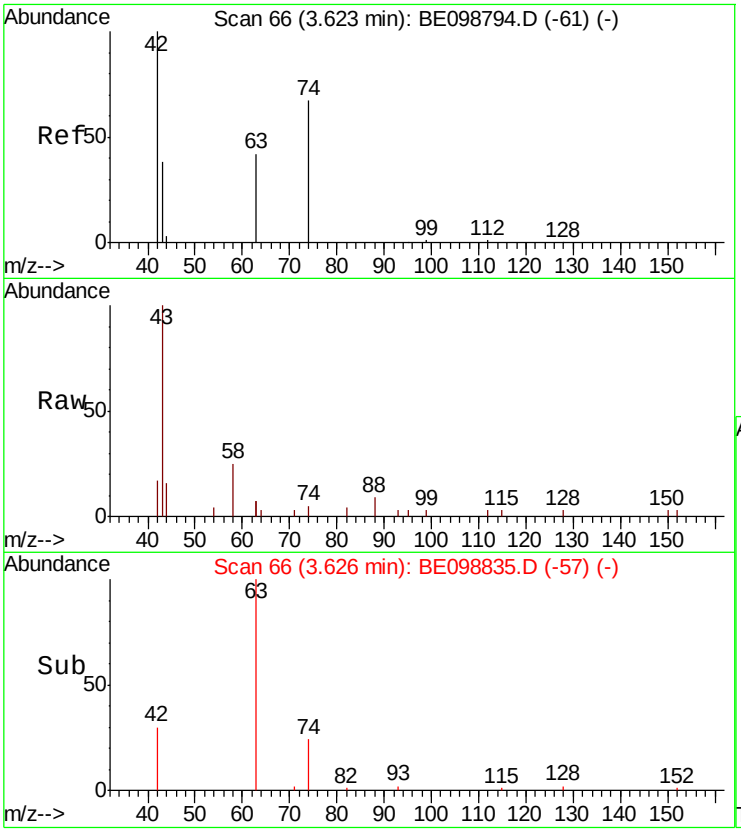


#2
1,4-Dioxane
Concen: 3.119 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion: 88 Resp: 3722

Ion	Ratio	Lower	Upper
88	100		
58	97.3	75.8	113.6
43	61.8	41.8	62.8



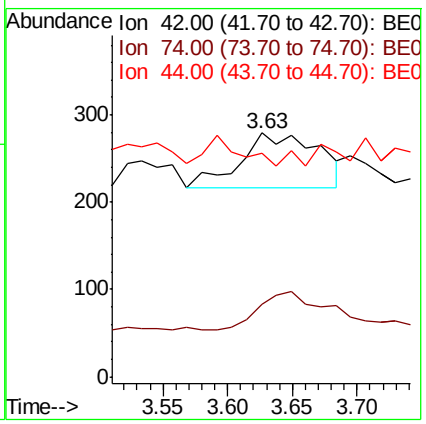


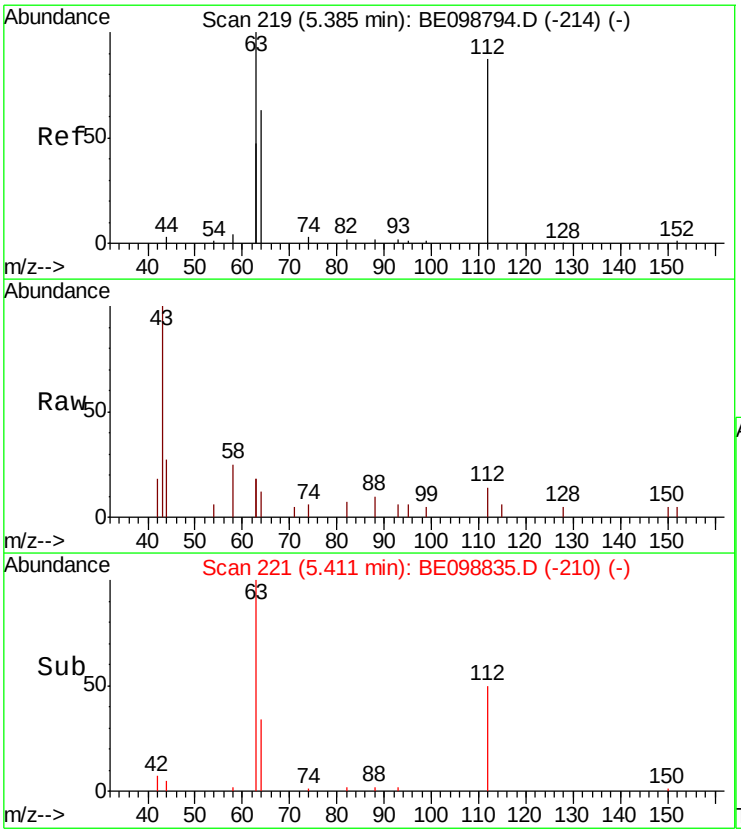
#3
n-Nitrosodimethylamine
Concen: 0.137 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion: 42 Resp: 259

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0

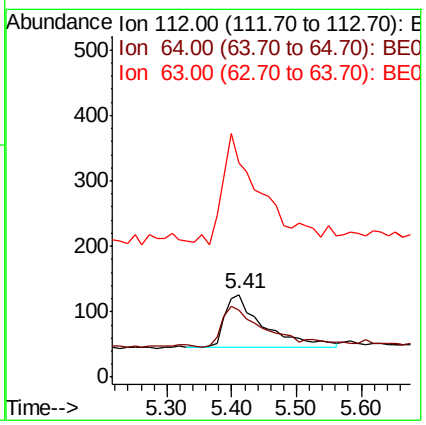


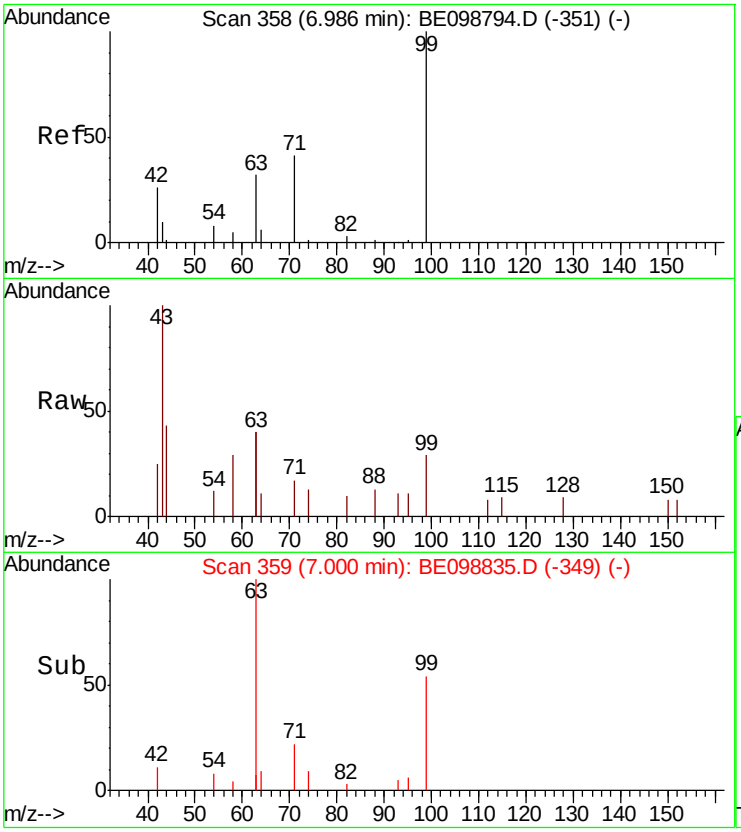


#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.03 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:112 Resp: 340

Ion	Ratio	Lower	Upper
112	100		
64	89.7	57.9	86.9#
63	177.4	158.3	237.5



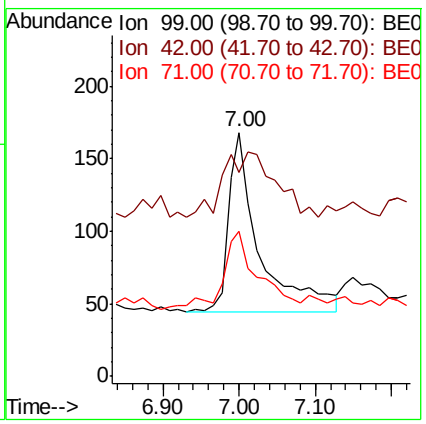


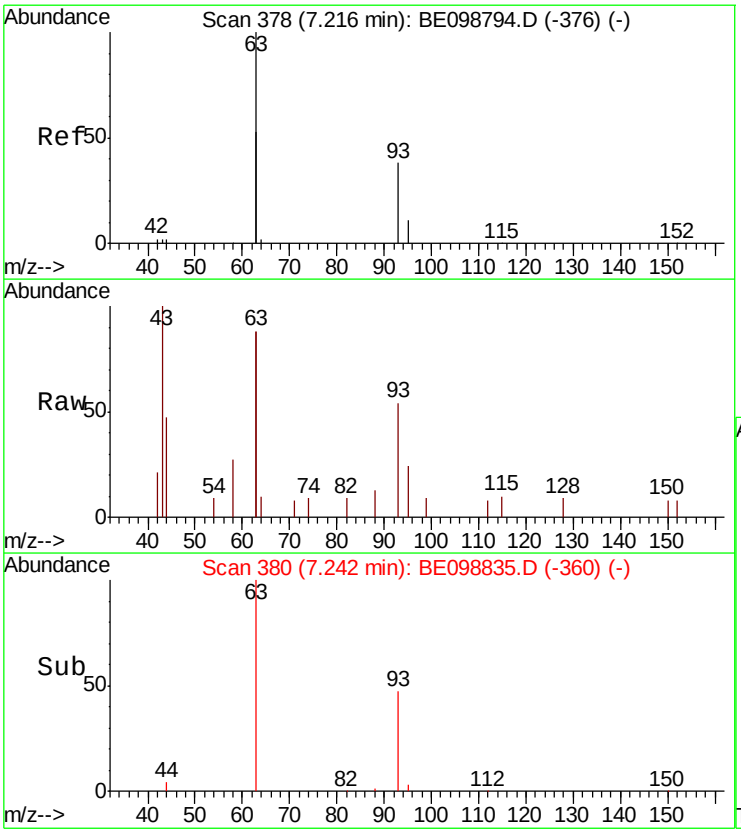
#5
Phenol-d6
Concen: 0.112 ng
RT: 7.00 min Scan# 359
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion: 99 Resp: 356

Ion	Ratio	Lower	Upper
99	100		
42	59.3	24.2	36.2#
71	40.4	35.7	53.5

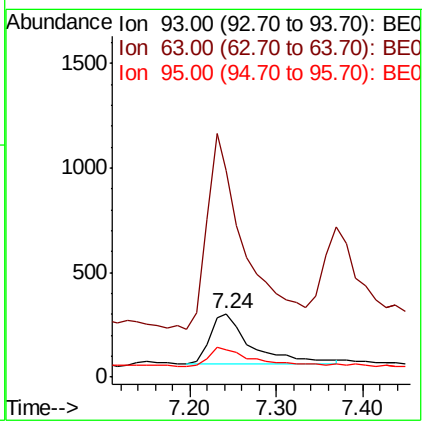


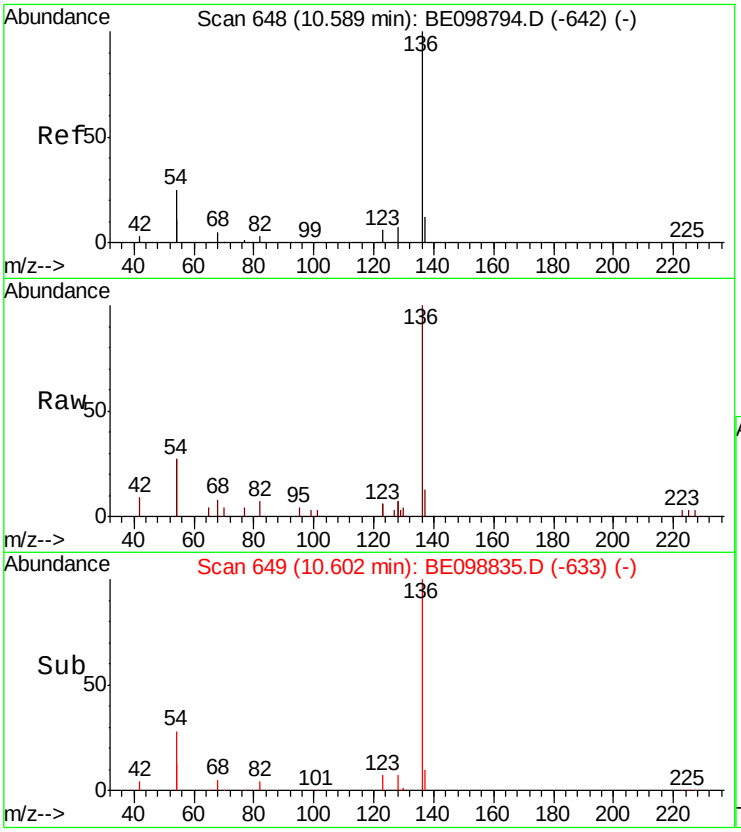


#6
bis(2-Chloroethyl)ether
Concen: 0.324 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.03 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion: 93 Resp: 791

Ion	Ratio	Lower	Upper
93	100		
63	355.9	247.5	371.3
95	42.9	21.8	32.8#



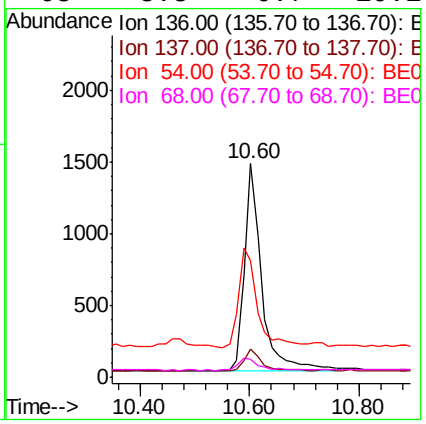


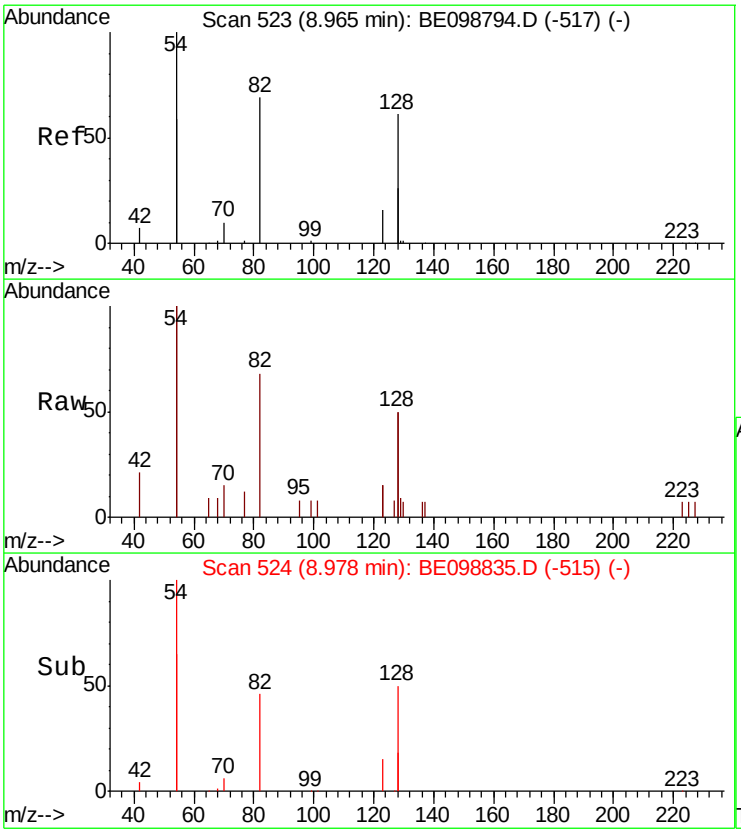
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:136 Resp: 3180

Ion	Ratio	Lower	Upper
136	100		
137	13.4	11.4	17.0
54	54.3	39.3	58.9
68	8.3	6.7	10.1

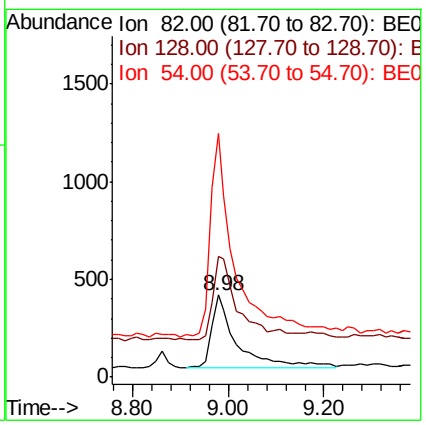


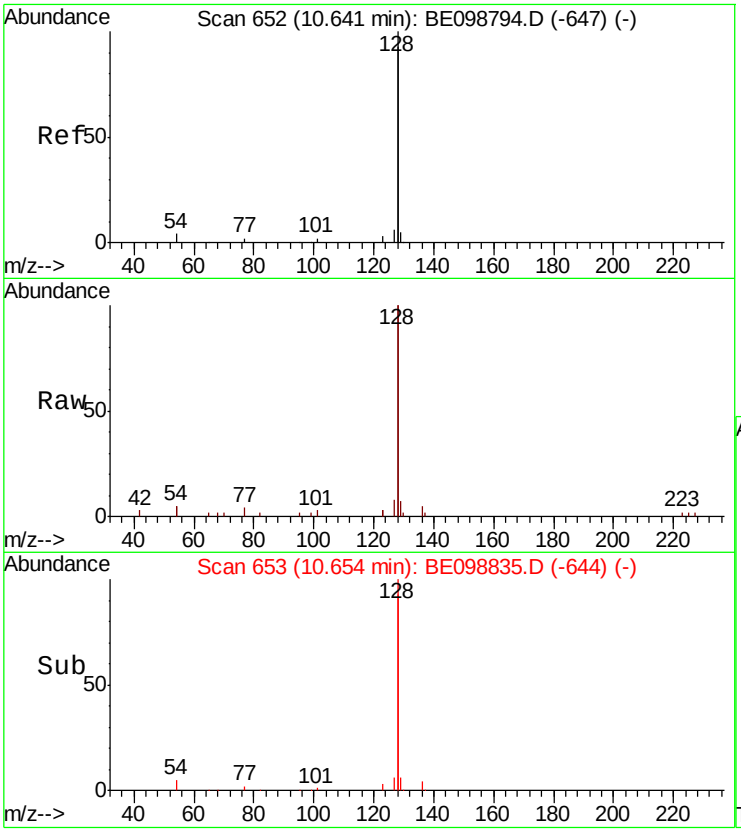


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion: 82 Resp: 1370

Ion	Ratio	Lower	Upper
82	100		
128	146.8	123.8	185.8
54	296.0	203.4	305.2



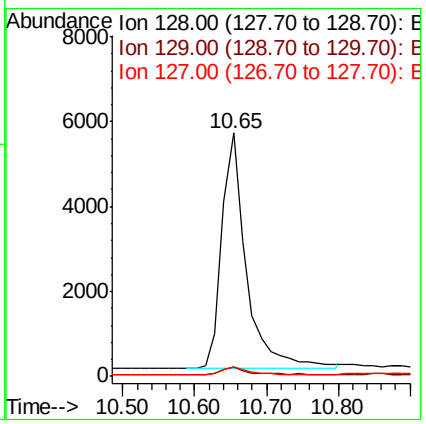


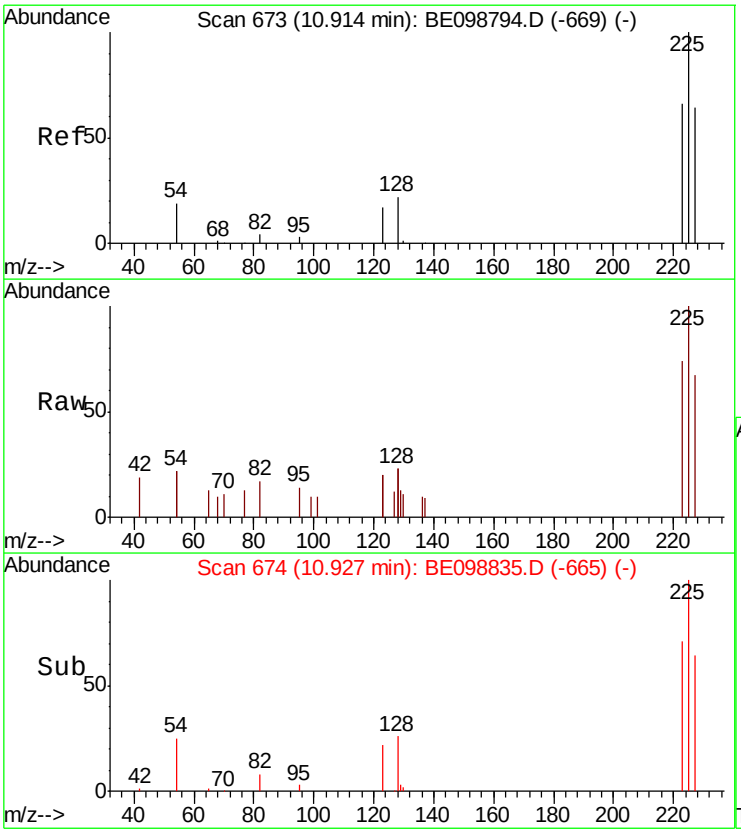
#9
Naphthalene
Concen: 0.359 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:128 Resp: 13075

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.6	4.0
127	3.9	3.1	4.7

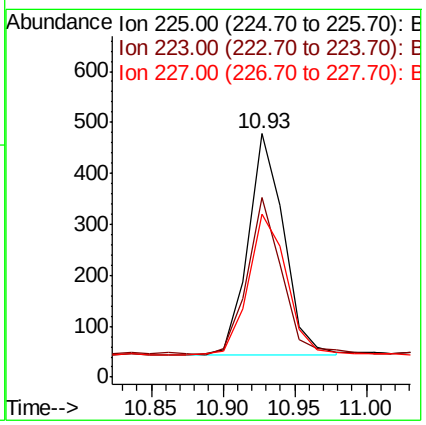


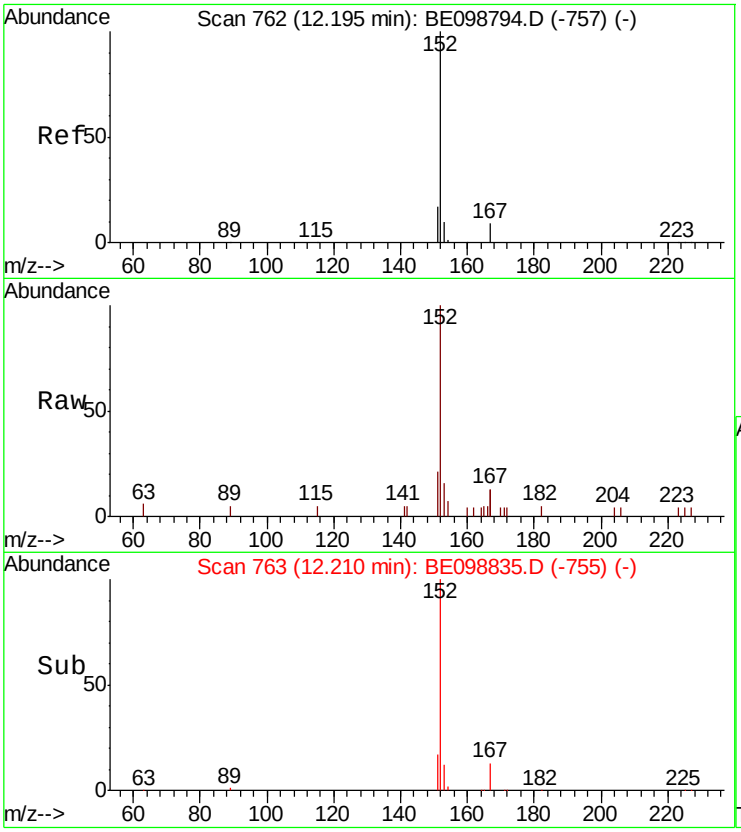


#10
Hexachlorobutadiene
Concen: 0.308 ng
RT: 10.93 min Scan# 674
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:225 Resp: 741

Ion	Ratio	Lower	Upper
225	100		
223	69.0	51.1	76.7
227	68.6	51.6	77.4



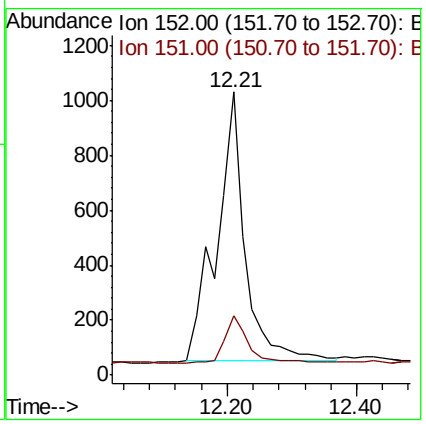


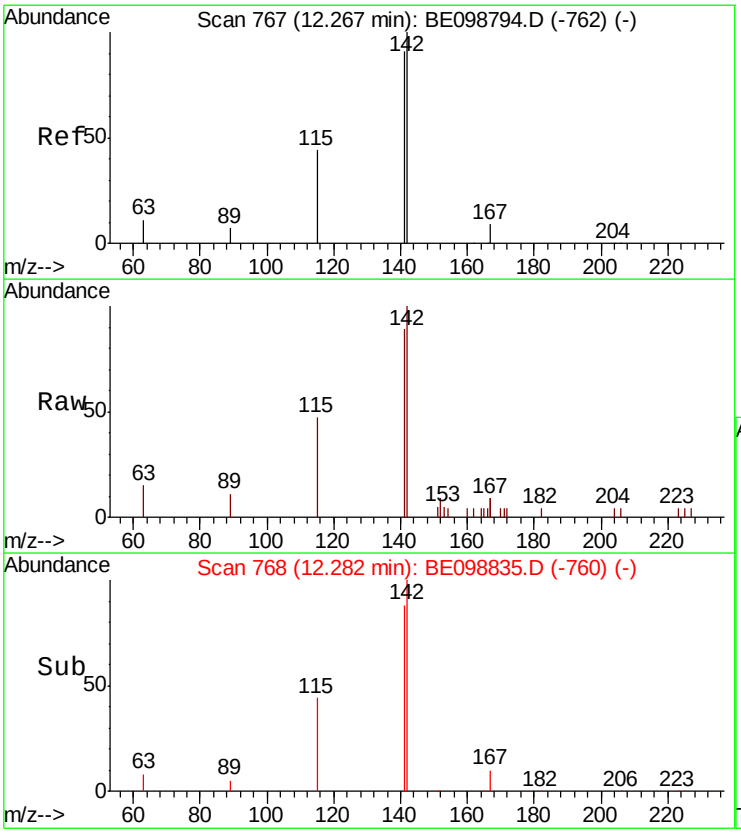
#11
2-Methylnaphthalene-d10
Concen: 0.503 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:152 Resp: 2959

Ion	Ratio	Lower	Upper
152	100		
151	14.1	16.5	24.7#

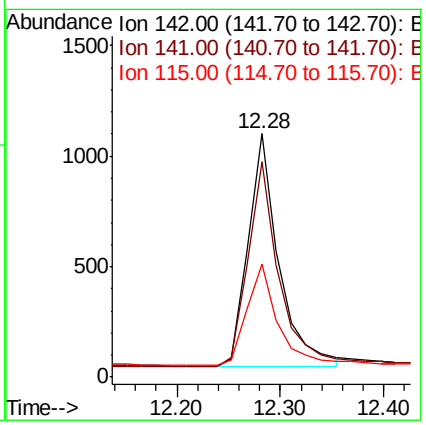


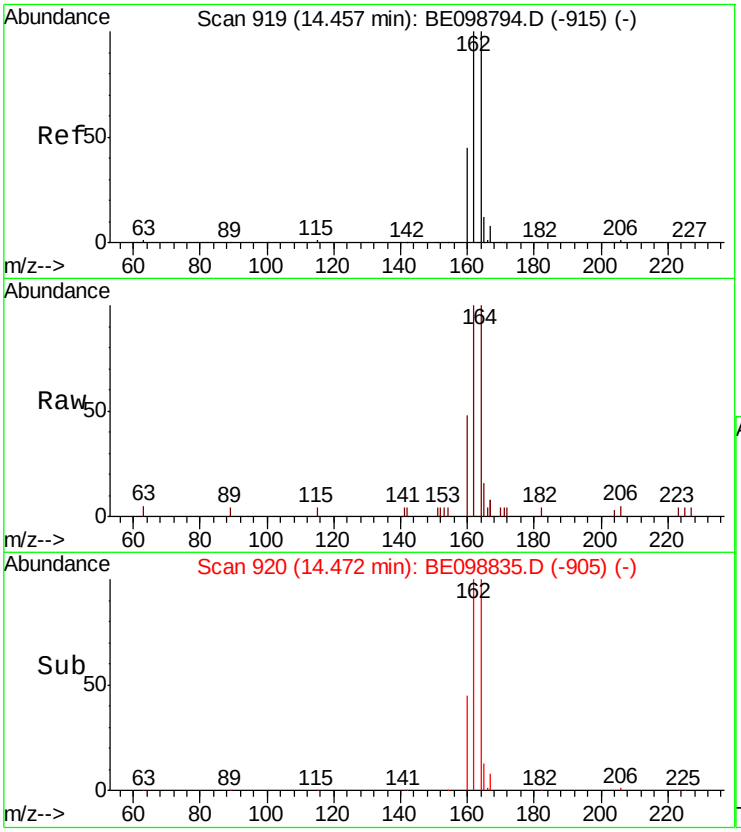


#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:142 Resp: 2154

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8
115	46.6	37.4	56.2



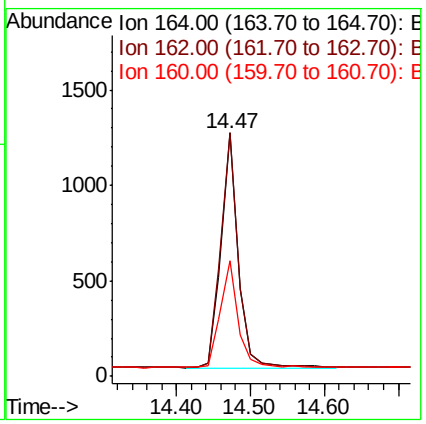


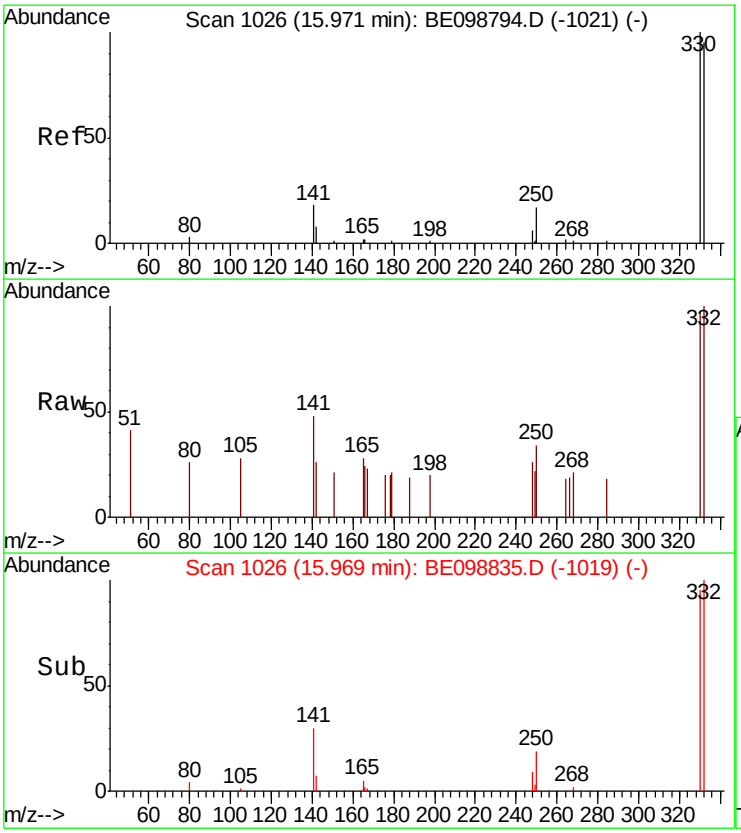
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:164 Resp: 1998

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	47.5	37.8	56.8

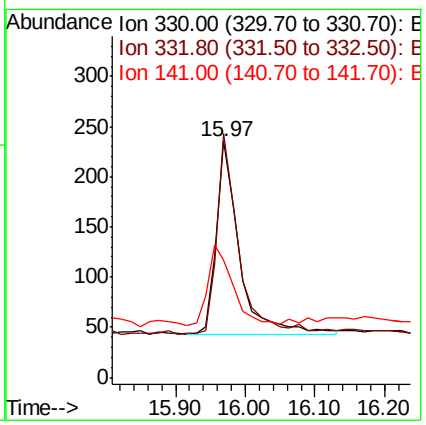


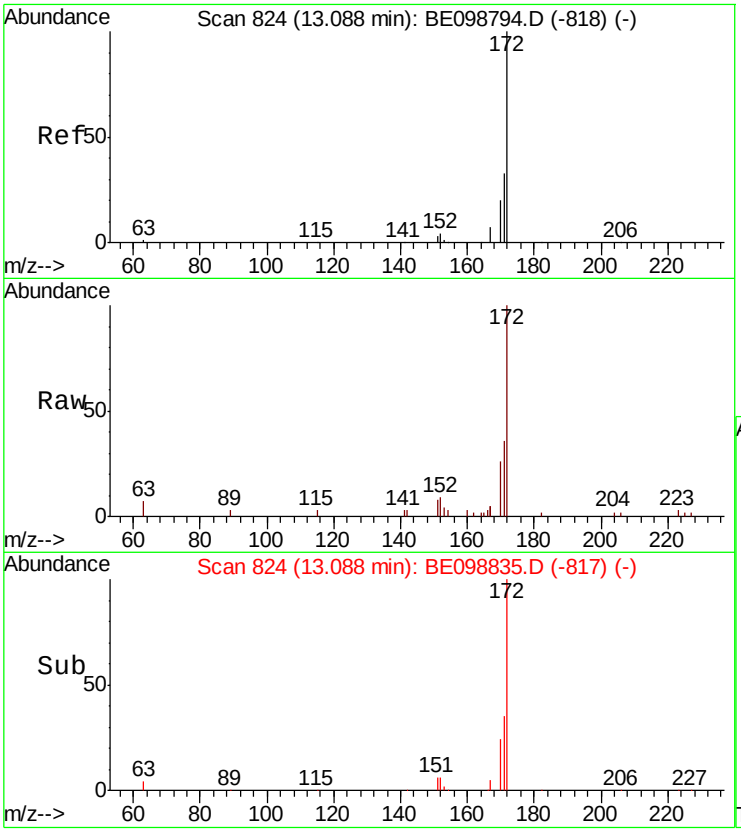


#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:330 Resp: 439

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	44.9	31.0	46.4



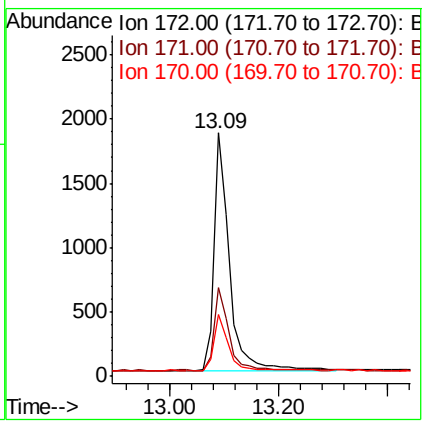


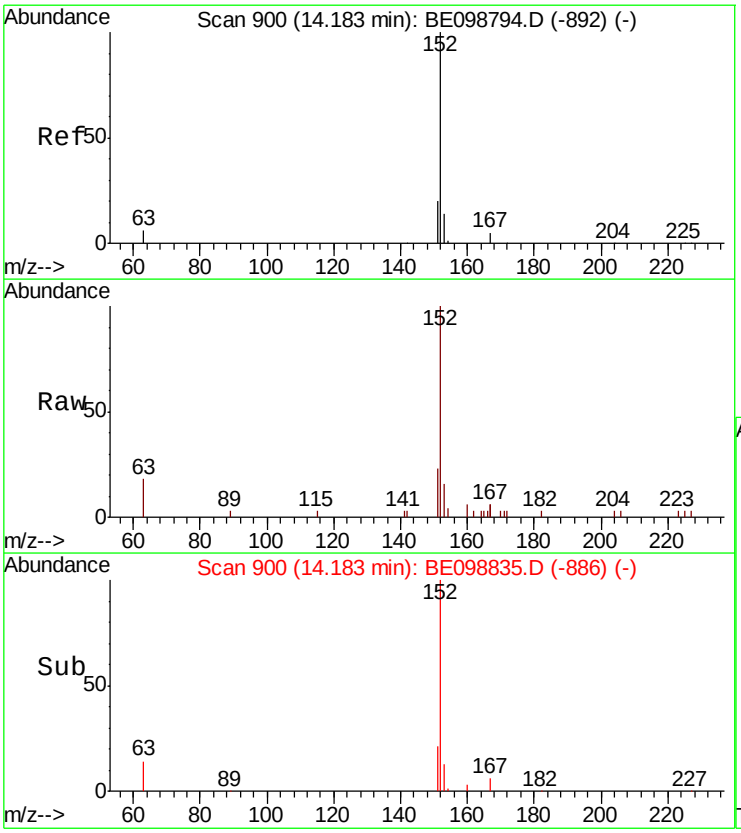
#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:172 Resp: 3685

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.0	42.0
170	25.6	17.7	26.5

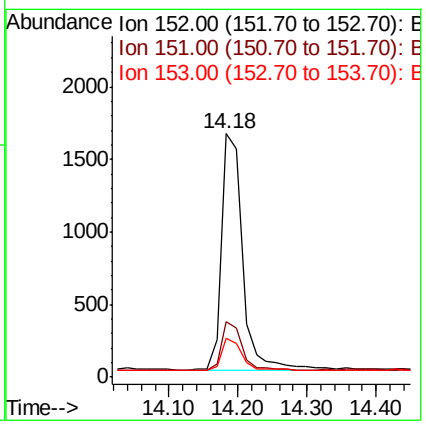


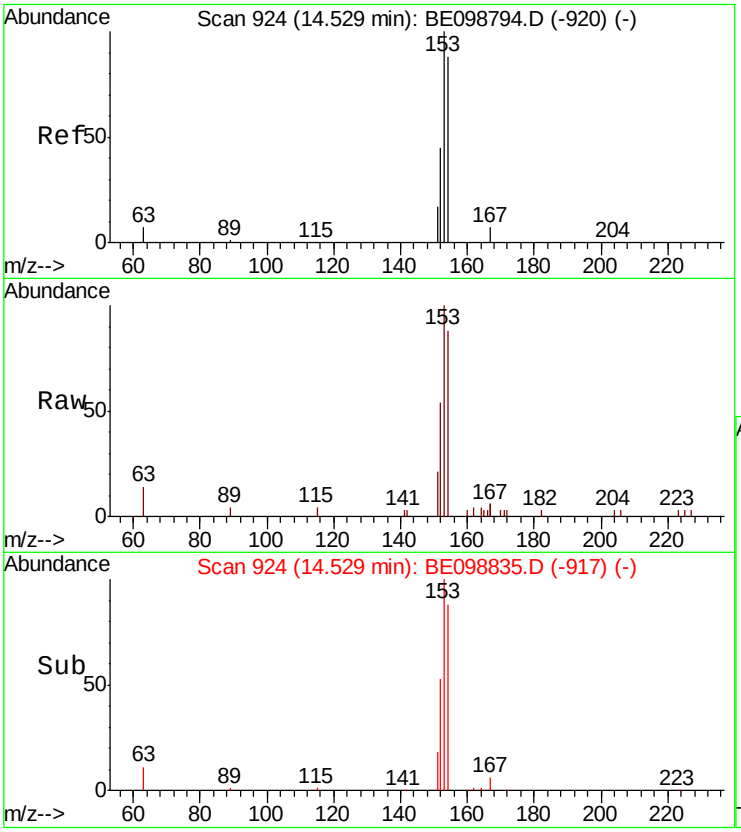


#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:152 Resp: 3471

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.0	25.6
153	13.2	11.2	16.8



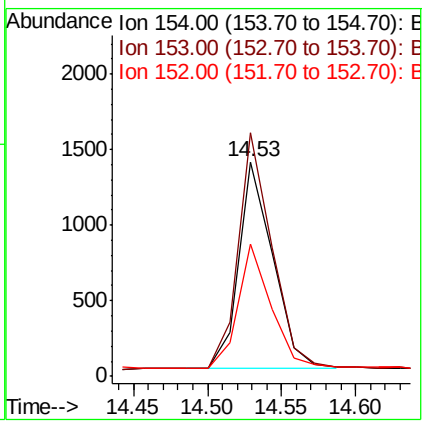


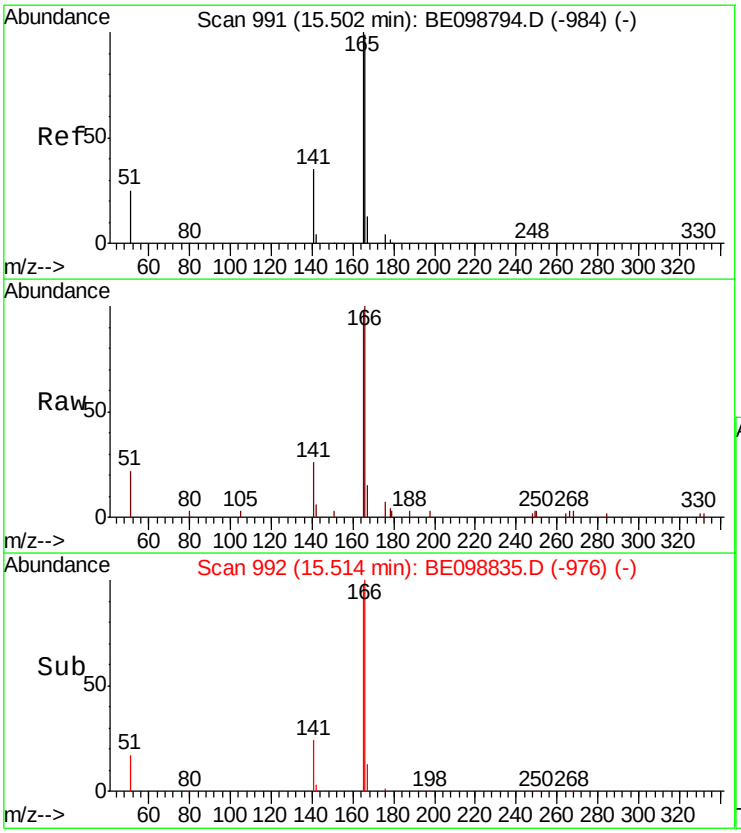
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:154 Resp: 2214

Ion	Ratio	Lower	Upper
154	100		
153	111.6	94.2	141.4
152	57.8	45.0	67.4

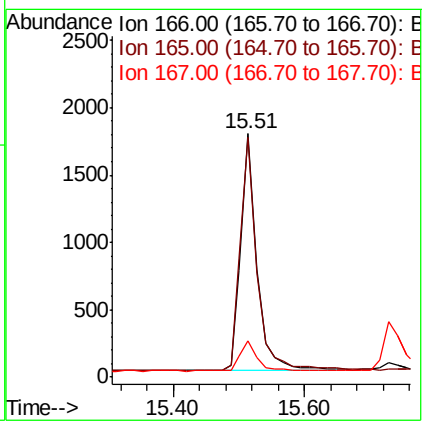


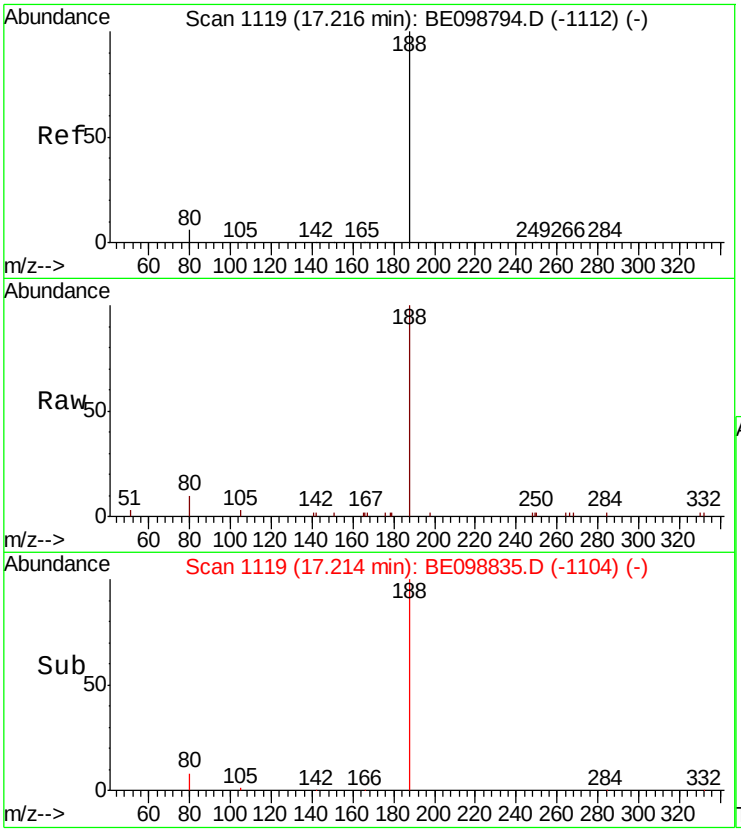


#18
Fluorene
Concen: 0.348 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:166 Resp: 3055

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.3	118.9
167	13.7	10.5	15.7



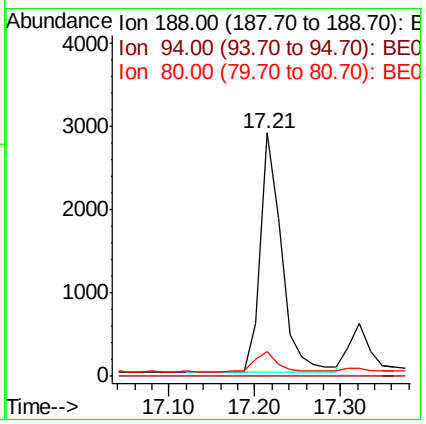


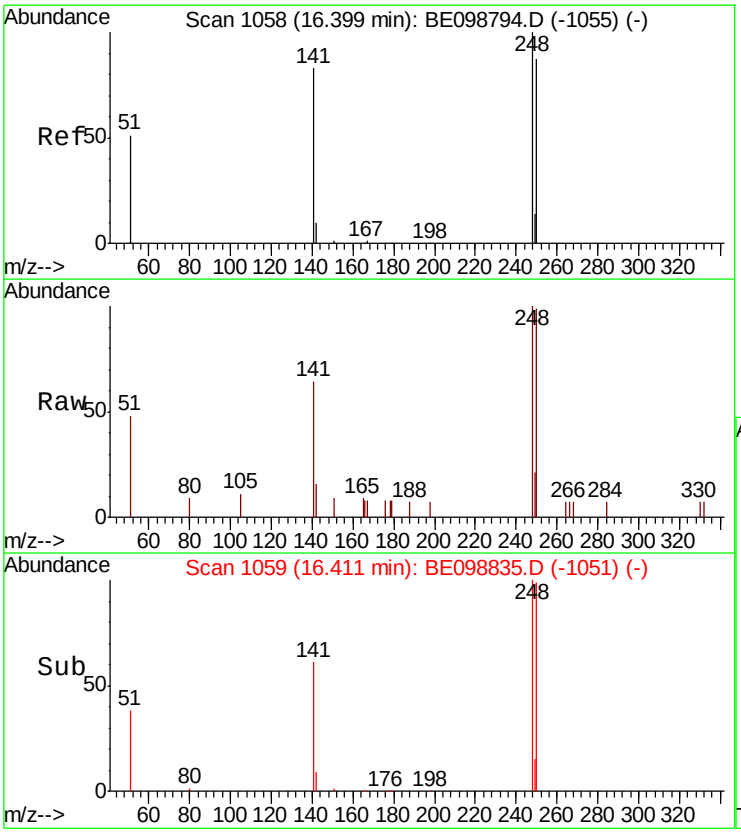
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:188 Resp: 4988

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	6.3	9.5#

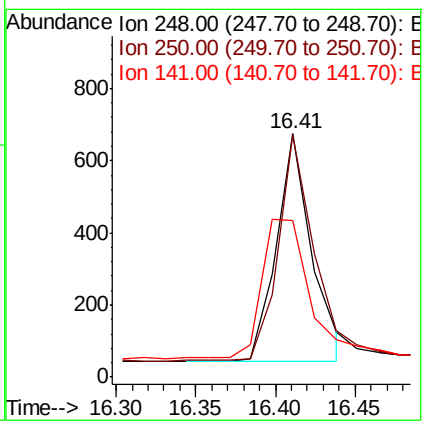


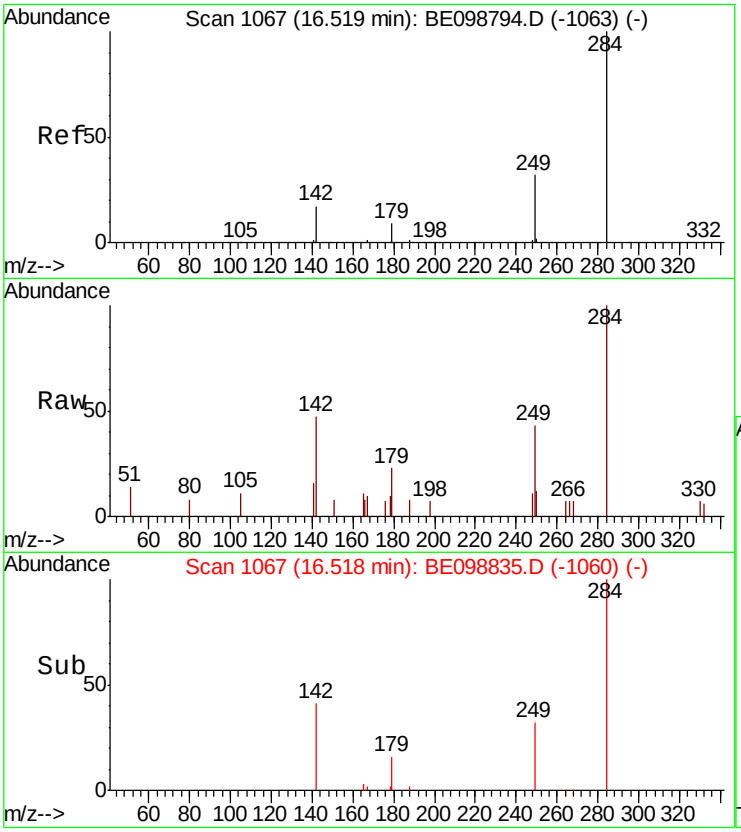


#20
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:248 Resp: 968

Ion	Ratio	Lower	Upper
248	100		
250	99.4	70.6	105.8
141	64.1	68.6	102.8#



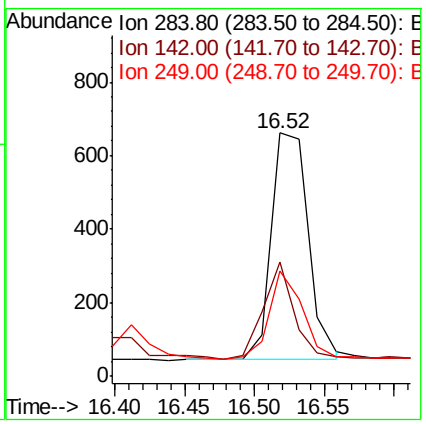


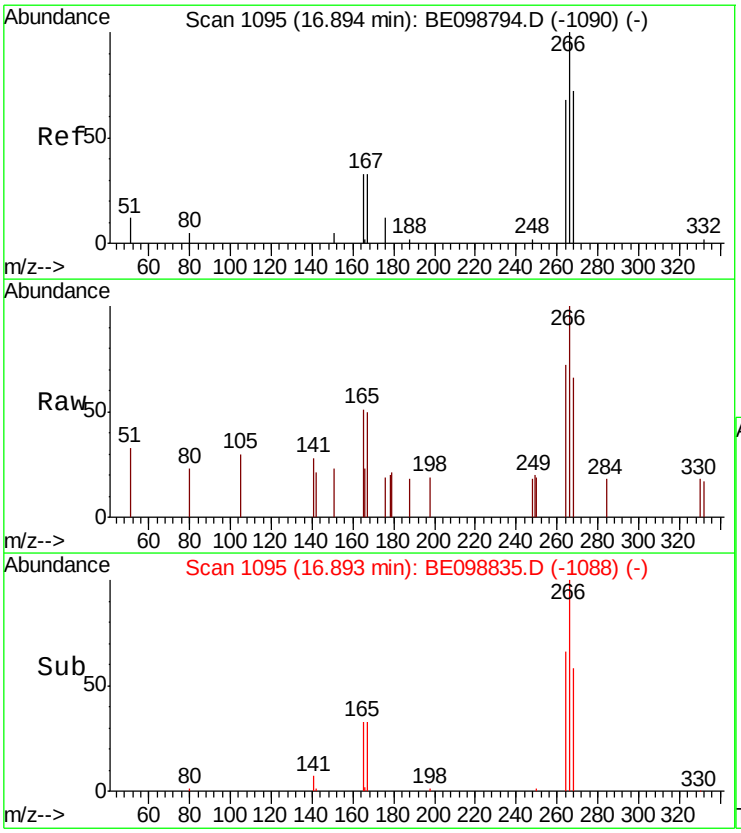
#21
Hexachlorobenzene
Concen: 0.352 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:284 Resp: 1130

Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.7	43.1
249	34.9	29.6	44.4

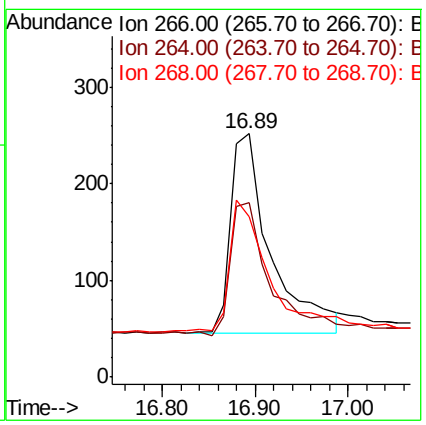


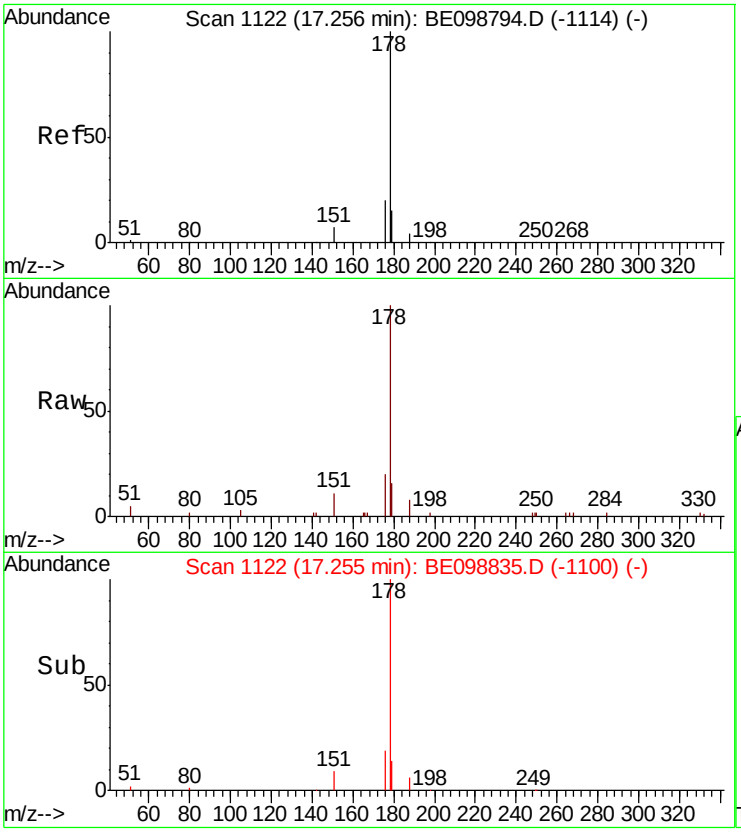


#22
Pentachlorophenol
Concen: 0.829 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:266 Resp: 618

Ion	Ratio	Lower	Upper
266	100		
264	71.8	66.6	100.0
268	65.9	69.8	104.8#



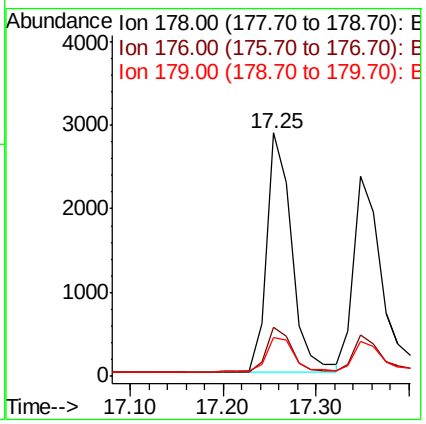


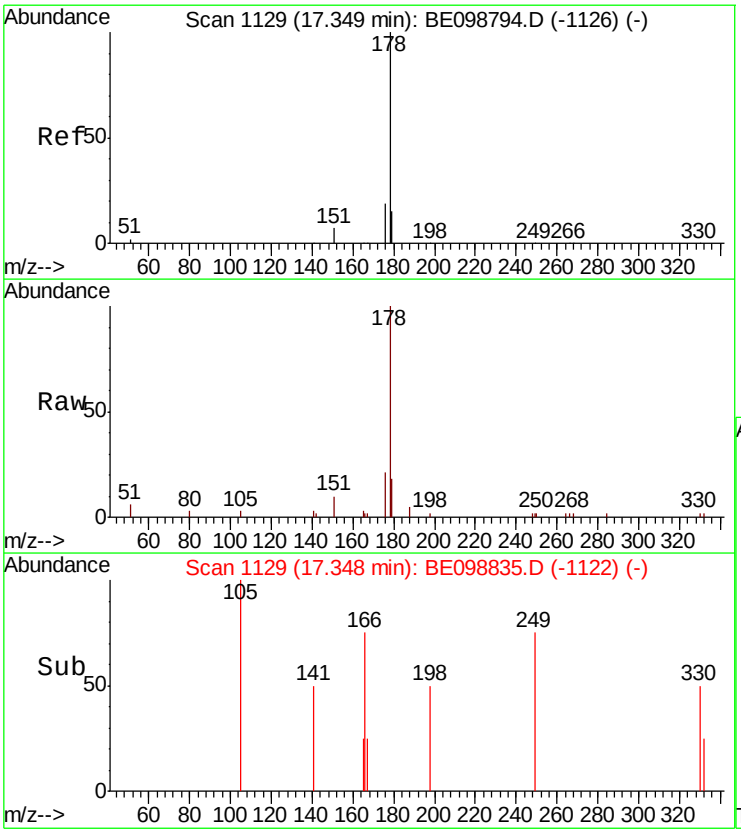
#23
Phenanthrene
Concen: 0.377 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:178 Resp: 5347

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	16.0	12.1	18.1

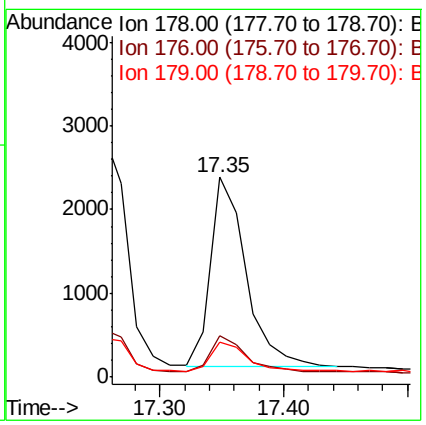


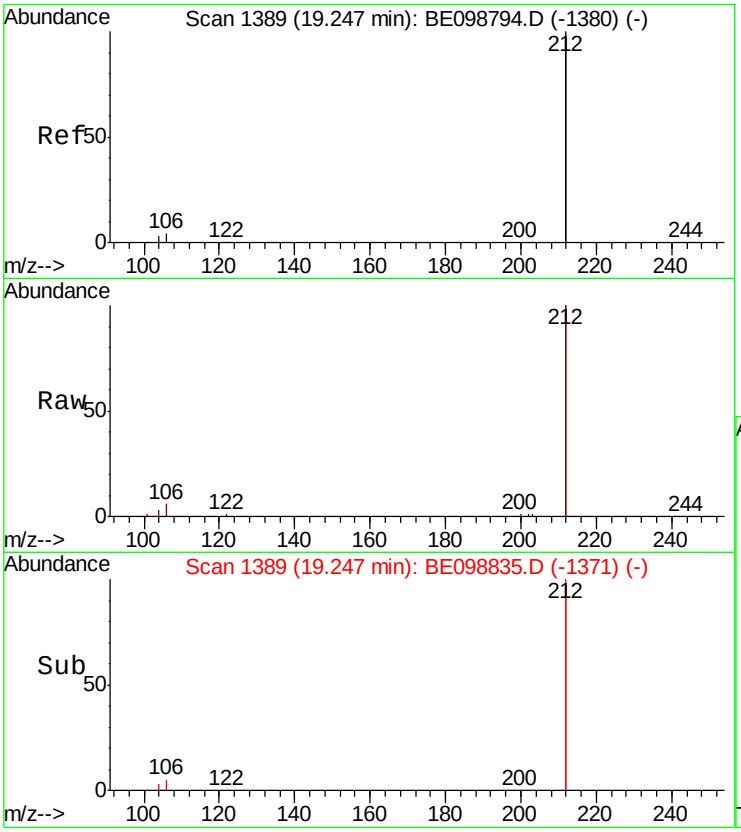


#24
Anthracene
Concen: 0.369 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:178 Resp: 4473

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.8	12.2	18.4



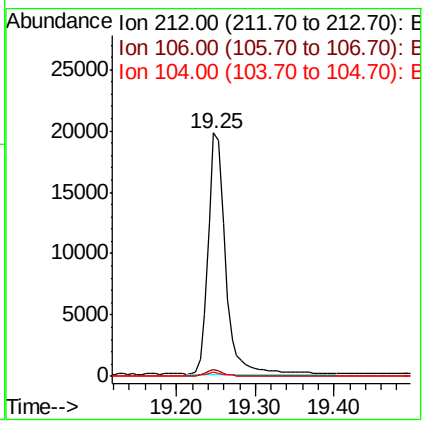


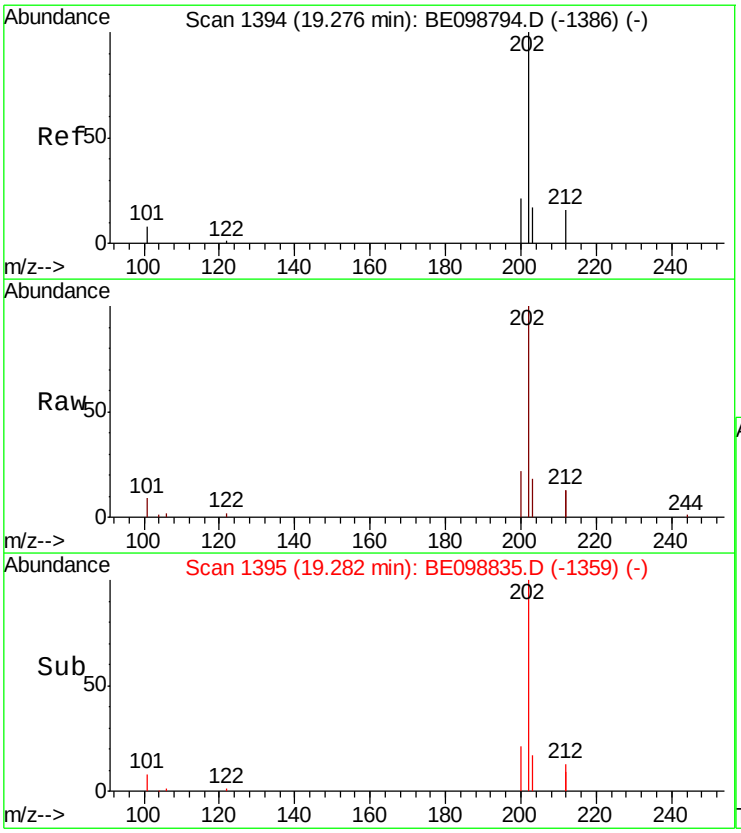
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:212 Resp: 29680

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

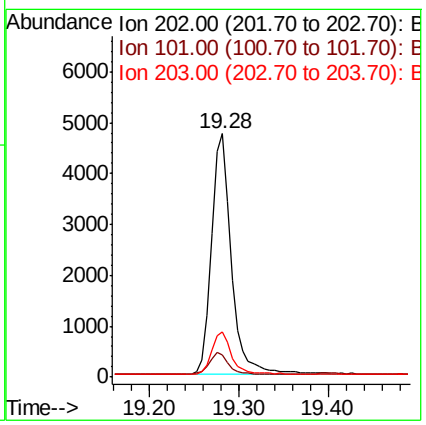


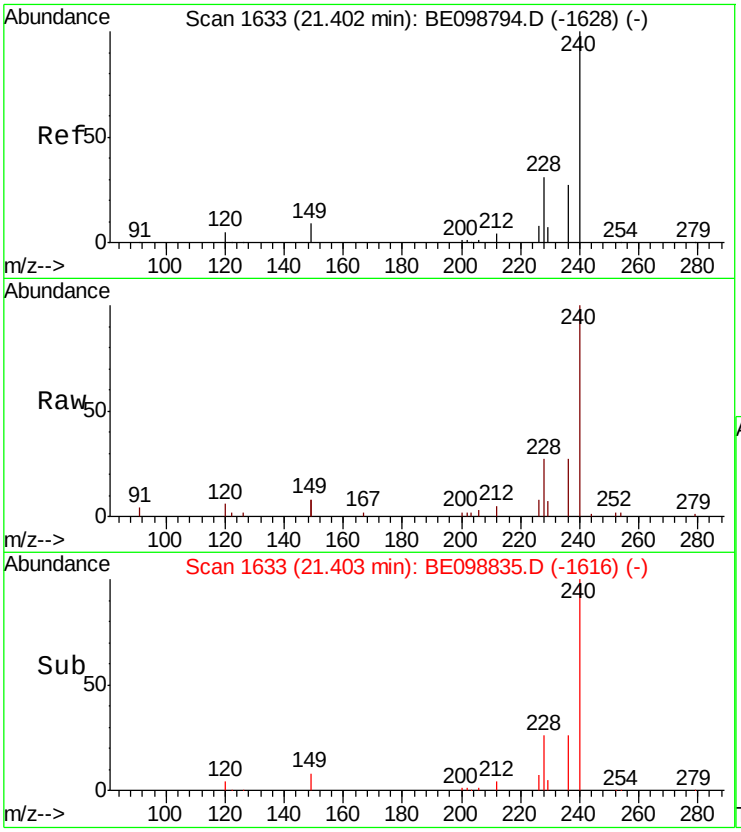


#26
Fluoranthene
Concen: 0.367 ng
RT: 19.28 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:202 Resp: 7349

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.3	10.9
203	16.8	13.4	20.2



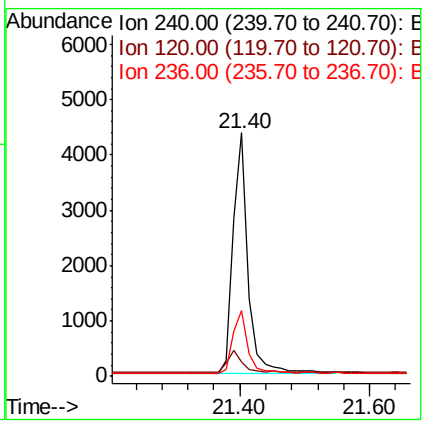


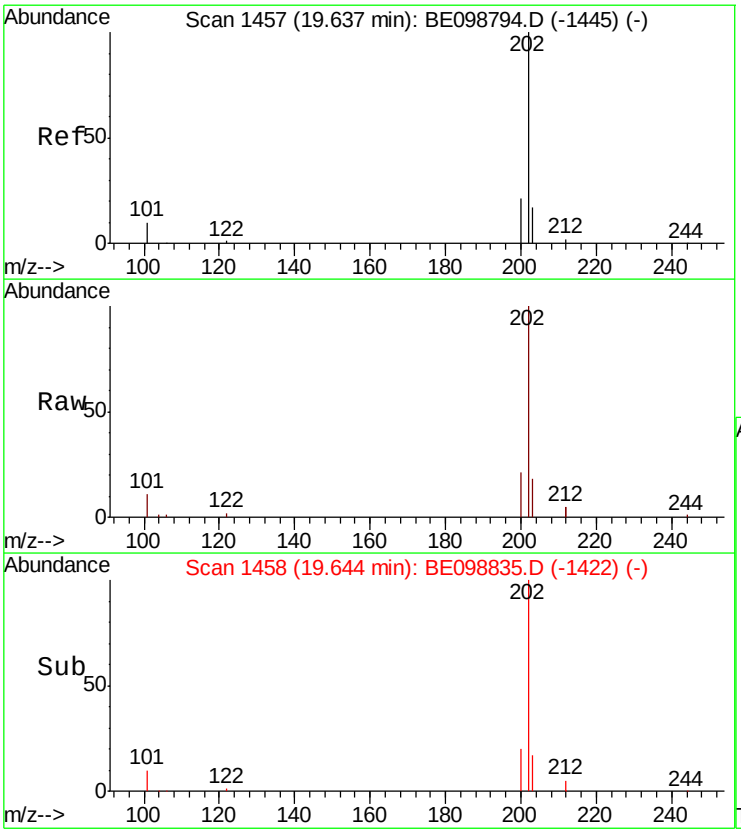
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:240 Resp: 7073

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.4
236	27.2	22.7	34.1

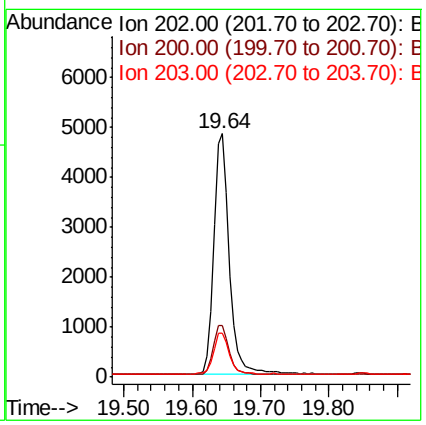


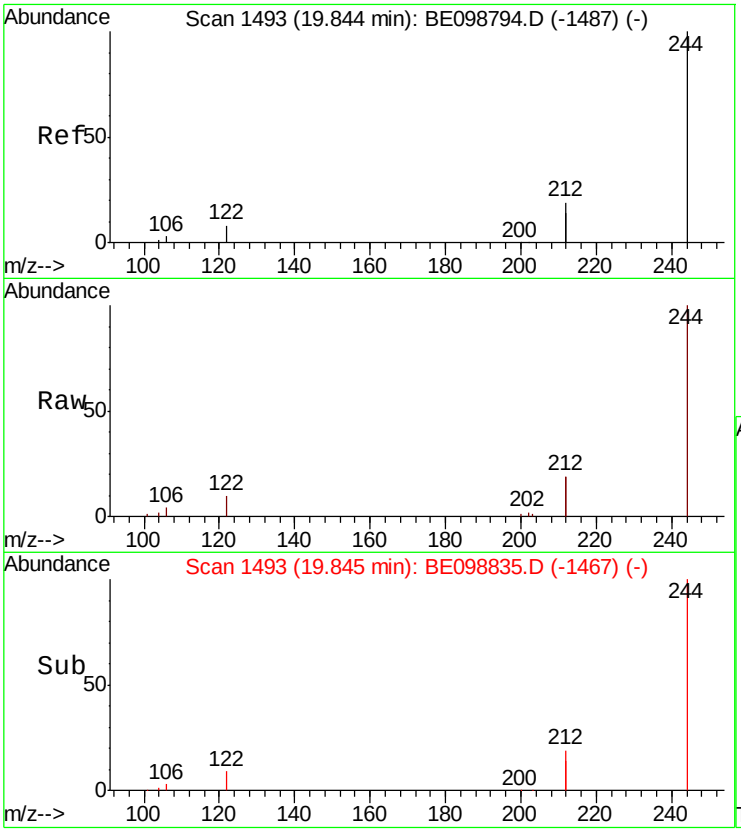


#28
Pyrene
Concen: 0.359 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:202 Resp: 7763

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.9	14.2	21.2



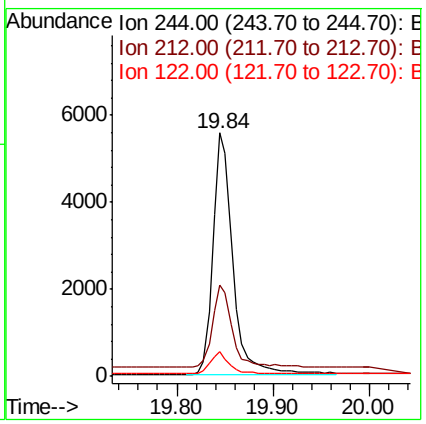


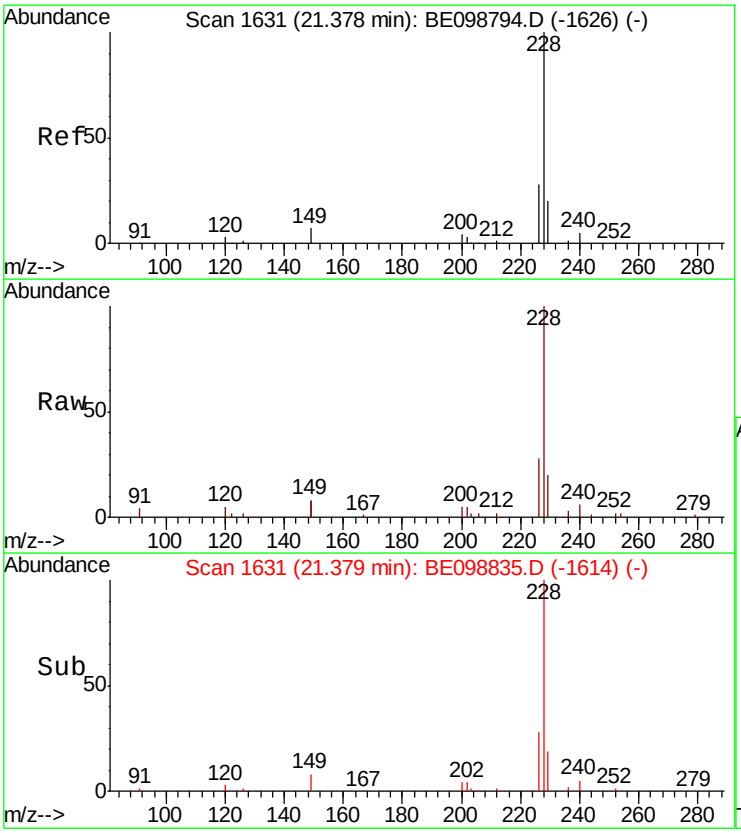
#29
Terphenyl-d14
Concen: 0.469 ng
RT: 19.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:244 Resp: 8058

Ion	Ratio	Lower	Upper
244	100		
212	37.5	29.4	44.2
122	10.0	7.1	10.7

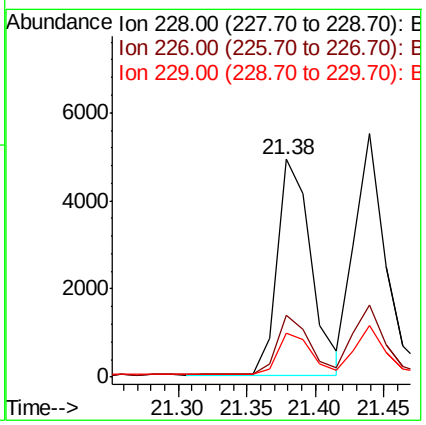


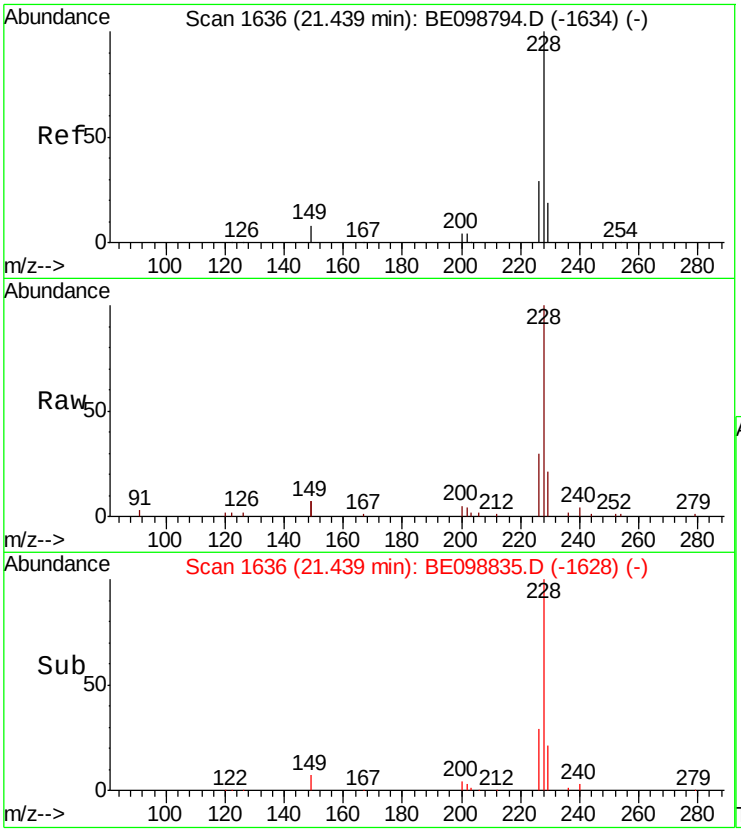


#30
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:228 Resp: 8376

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.3	16.5	24.7



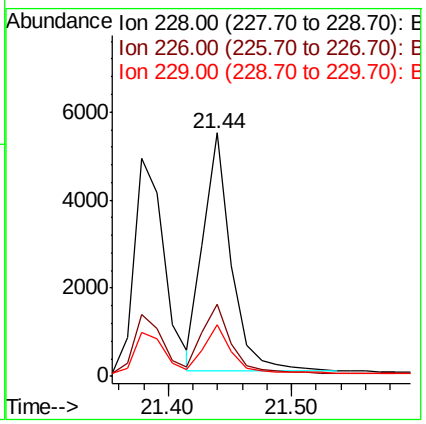


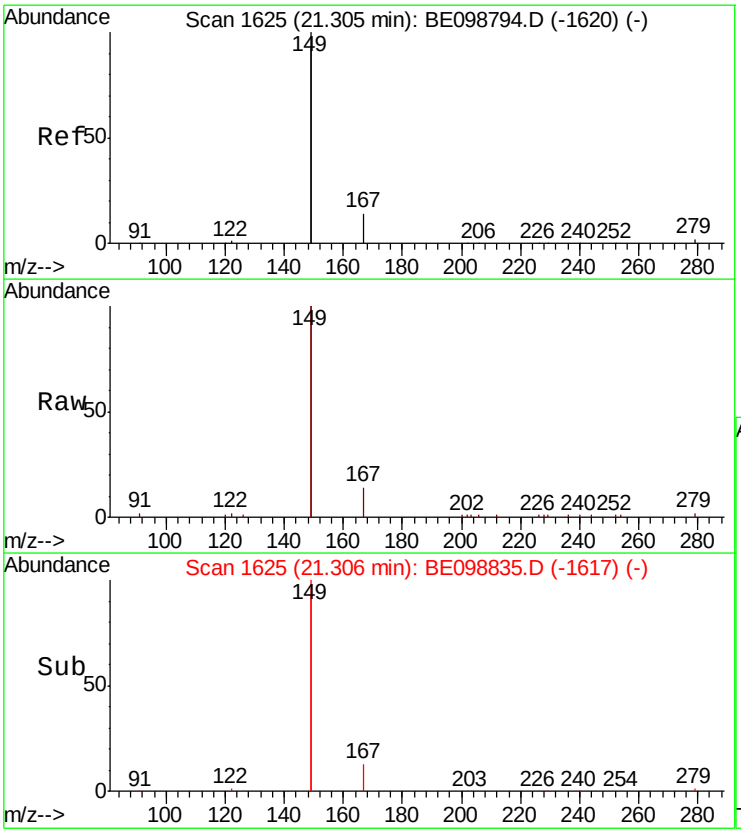
#31
Chrysene
Concen: 0.357 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:228 Resp: 8431

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	21.4	16.1	24.1

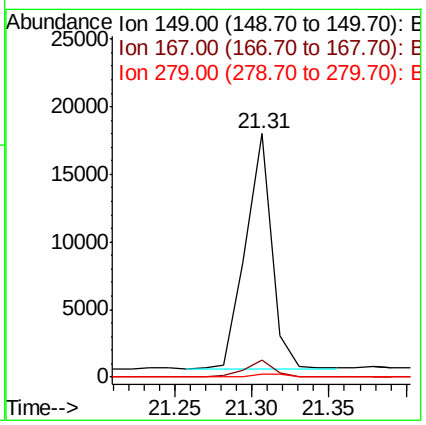


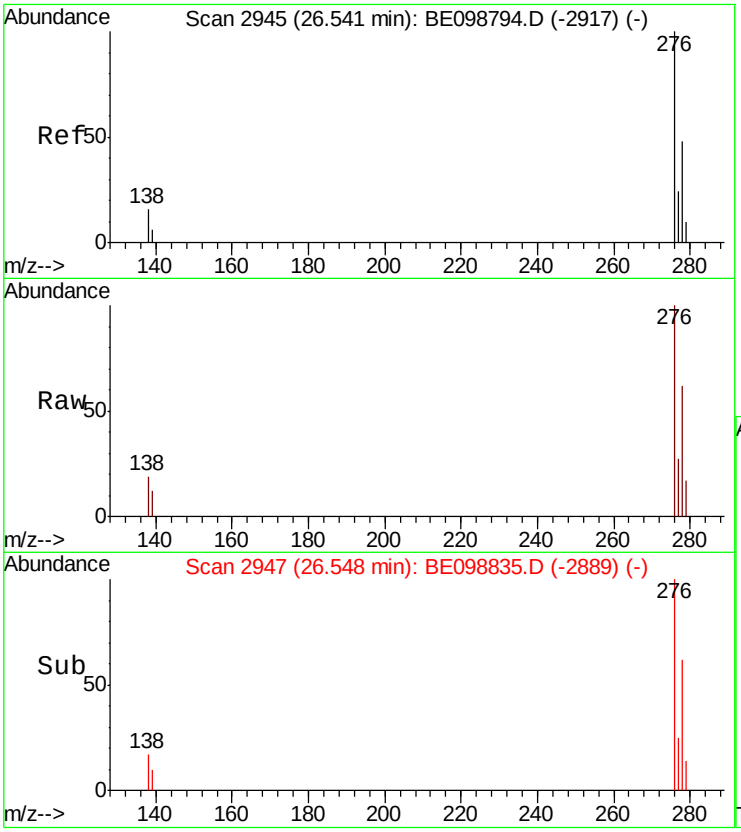


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.437 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:149 Resp: 20530

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.1	1.0	1.4



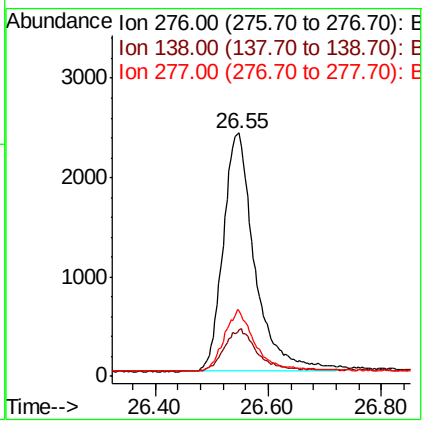


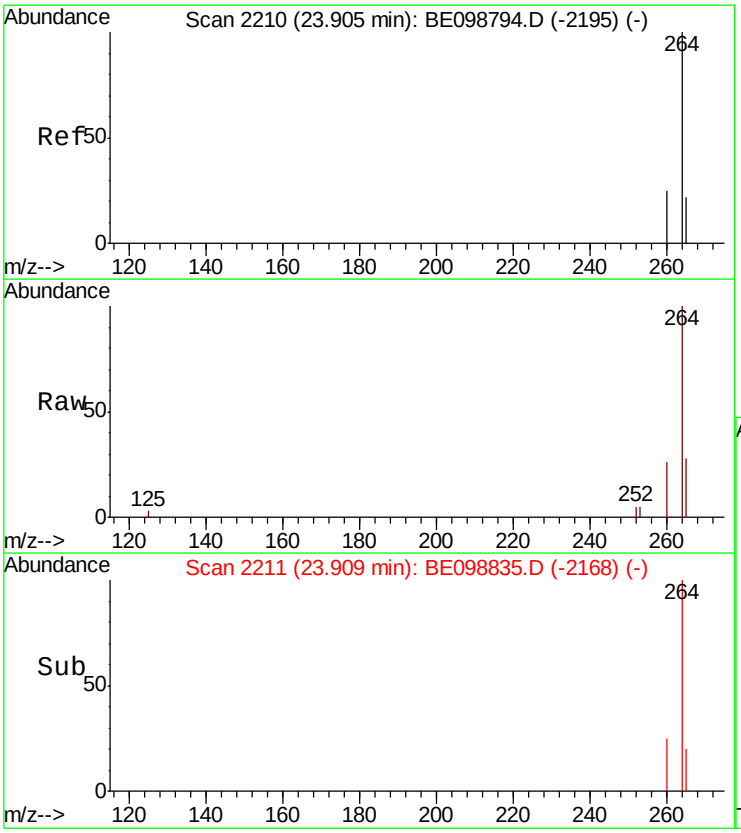
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 26.55 min Scan# 2947
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:276 Resp: 9328

Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.8	20.8
277	23.9	19.5	29.3

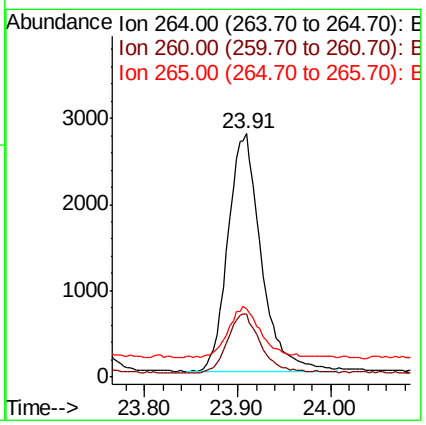


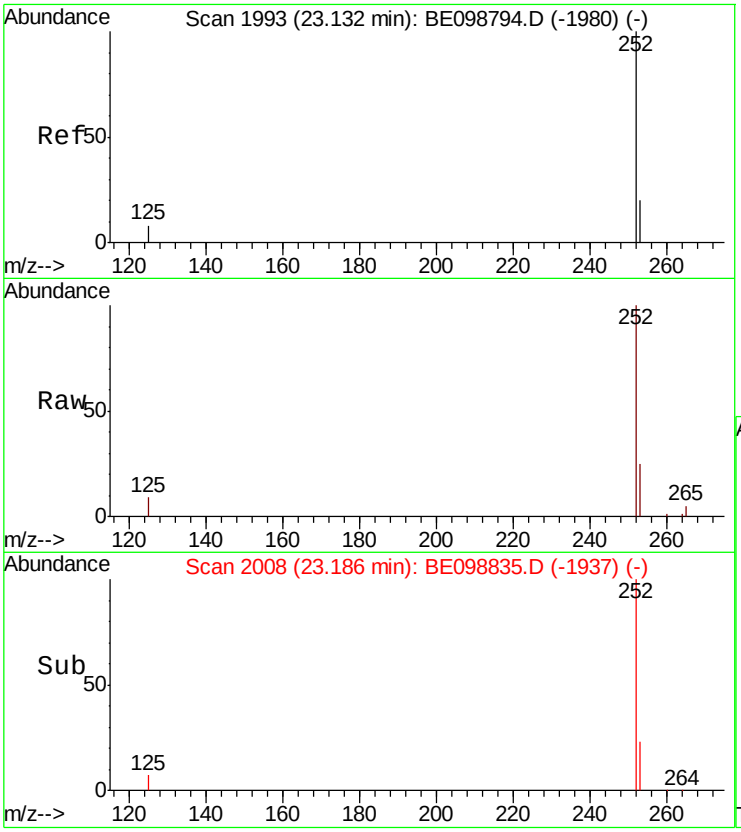


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:264 Resp: 6871

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.2	31.8
265	27.9	24.6	36.8



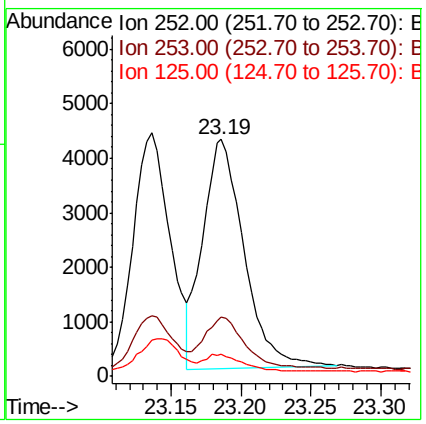


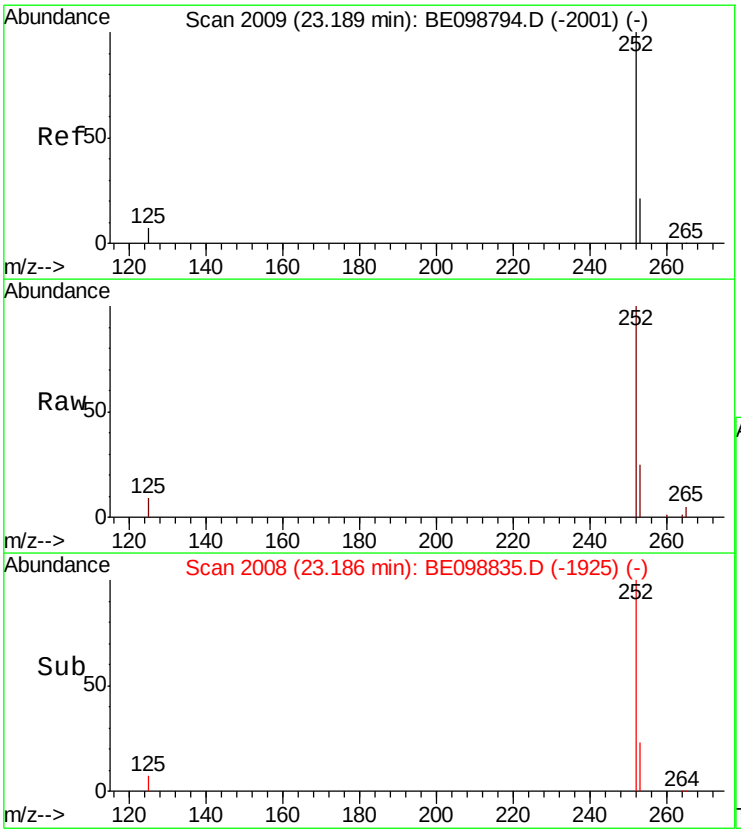
#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.05 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:252 Resp: 8680

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	9.3	7.3	10.9

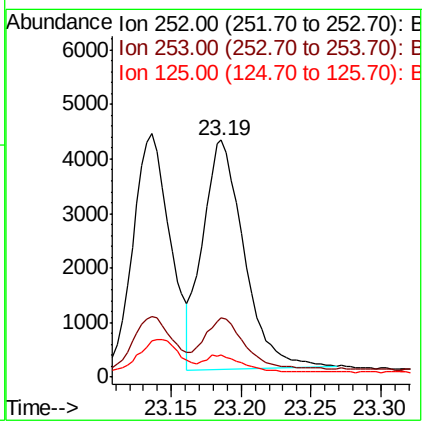


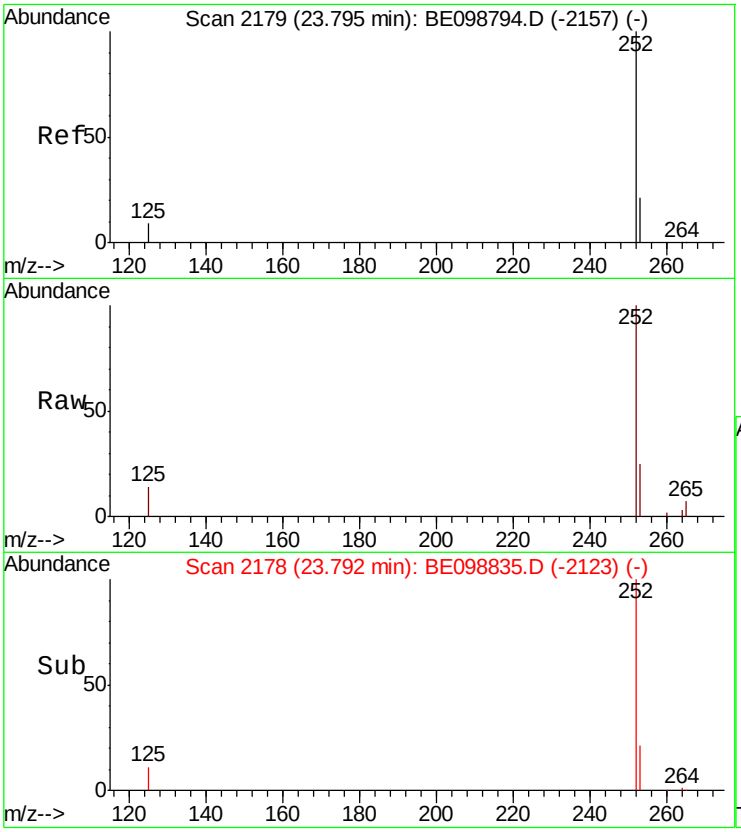


#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.19 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:252 Resp: 8680

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.3	28.9
125	9.3	7.5	11.3



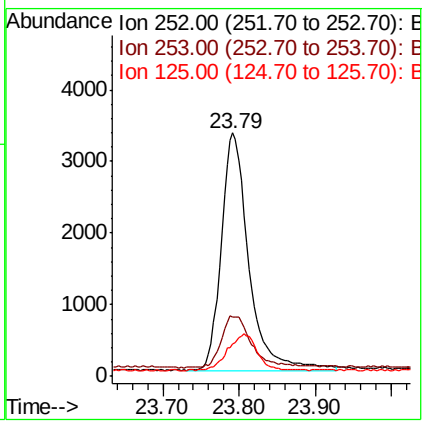


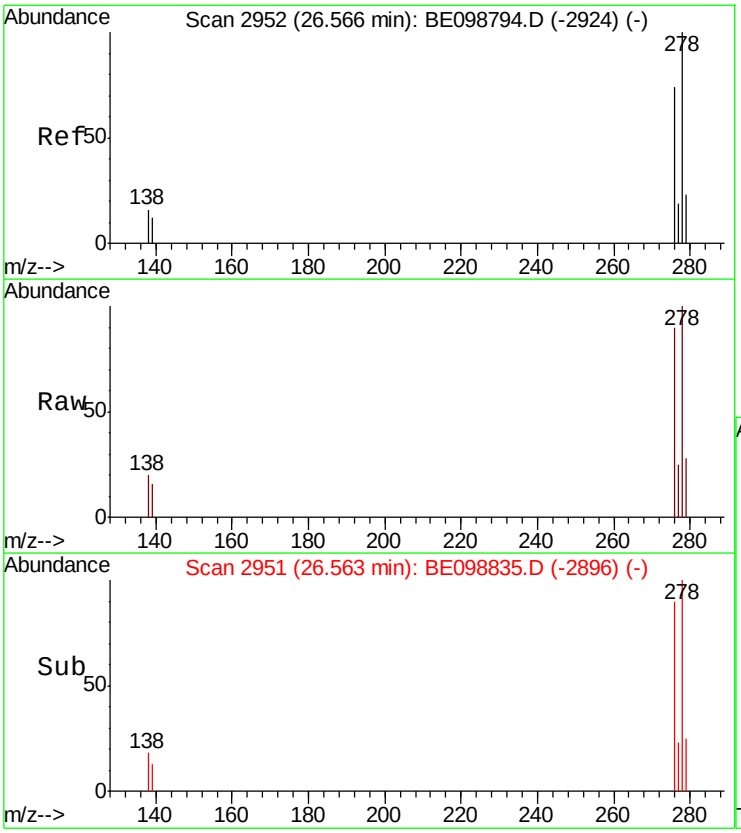
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:252 Resp: 8316

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.9	29.9
125	13.5	9.0	13.4#

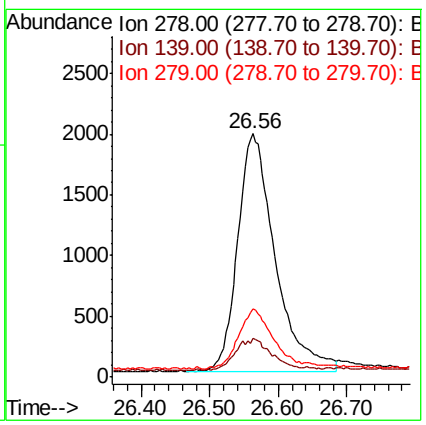


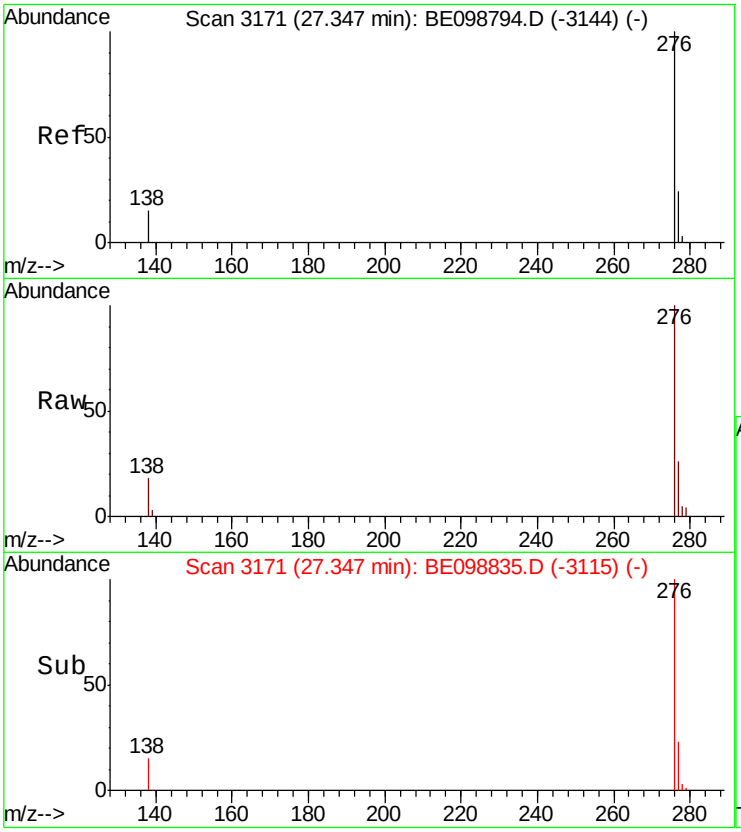


#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion:278 Resp: 7415

Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.8	17.6
279	28.1	21.1	31.7





#39
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 27.35 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion:276 Resp: 7872

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.4	30.6
138	18.0	13.6	20.4