Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
Data File : BE098436.D
Acq On : 14 Dec 2018 15:18
Operator : SJ/JU
Sample : PB115586BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115586BS

Quant Time: Dec 14 23:31:29 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

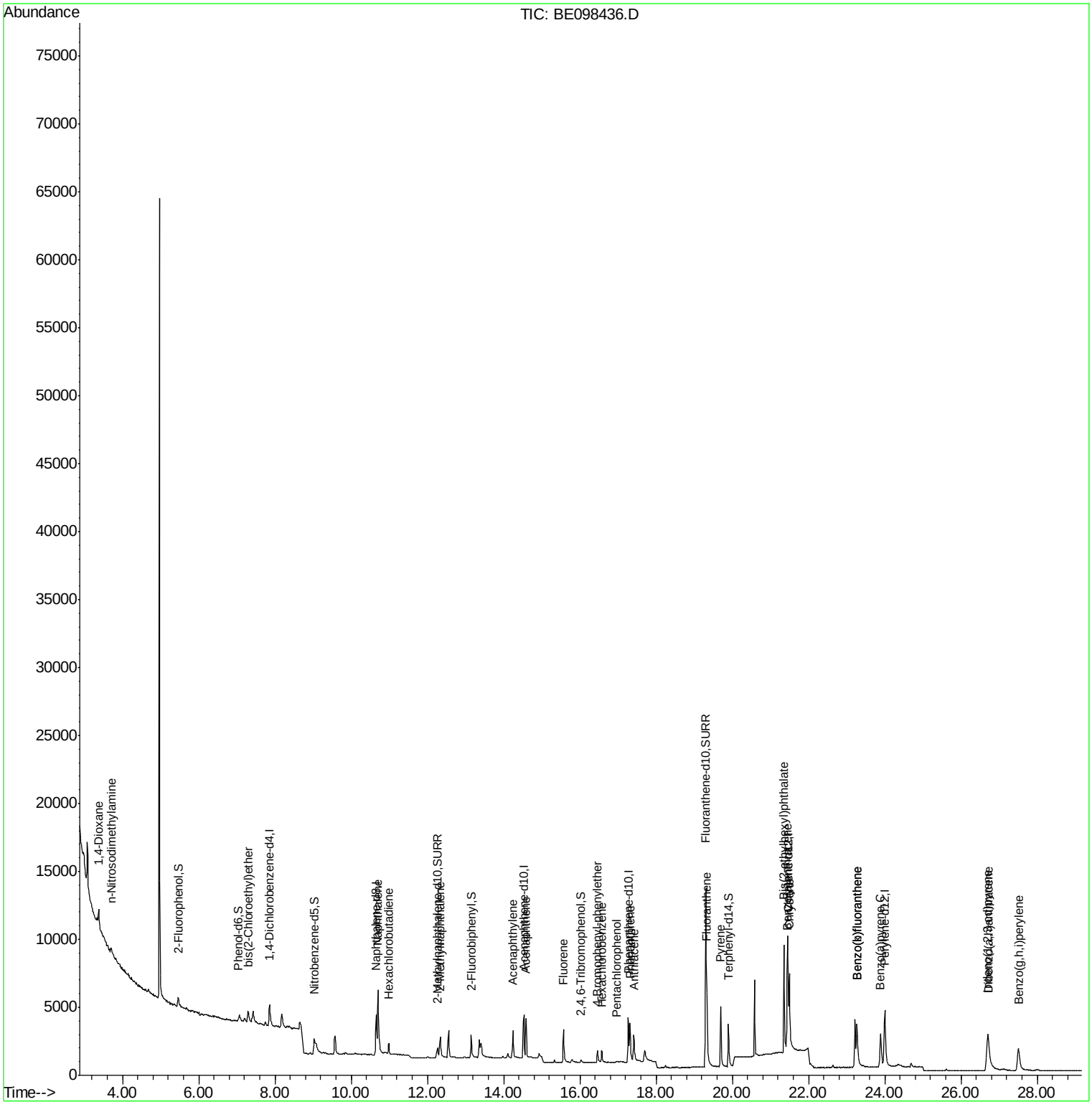
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1014	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	4048	0.40	ng		-0.01
13) Acenaphthene-d10	14.53	164	2357	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	6164	0.40	ng		-0.01
27) Chrysene-d12	21.46	240	8354	0.40	ng		0.00
34) Perylene-d12	24.00	264	7969	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	571	0.24	ng		0.01
5) Phenol-d6	7.05	99	808	0.24	ng		0.00
8) Nitrobenzene-d5	9.03	82	895	0.24	ng		0.01
11) 2-Methylnaphthalene-d10	12.27	152	1636	0.25	ng		0.00
14) 2,4,6-Tribromophenol	16.02	330	159	0.18	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	2289	0.23	ng		0.00
25) Fluoranthene-d10	19.30	212	21779	0.28	ng		0.00
29) Terphenyl-d14	19.90	244	3785	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	583	0.332	ng	#	37
3) n-Nitrosodimethylamine	3.71	42	271	0.172	ng	#	100
6) bis(2-Chloroethyl)ether	7.29	93	536	0.168	ng		97
9) Naphthalene	10.71	128	9924	0.244	ng	#	98
10) Hexachlorobutadiene	10.99	225	636	0.245	ng		95
12) 2-Methylnaphthalene	12.34	142	1504	0.227	ng		95
16) Acenaphthylene	14.24	152	2599	0.235	ng		98
17) Acenaphthene	14.59	154	1442	0.217	ng		96
18) Fluorene	15.57	166	1952	0.220	ng		99
20) 4-Bromophenyl-phenylether	16.46	248	634	0.191	ng		93
21) Hexachlorobenzene	16.58	284	752	0.211	ng		94
22) Pentachlorophenol	16.97	266	72	0.146	ng	#	75
23) Phenanthrene	17.32	178	3496	0.233	ng		98
24) Anthracene	17.41	178	2829	0.212	ng		99
26) Fluoranthene	19.33	202	5334	0.269	ng		99
28) Pyrene	19.69	202	5167	0.197	ng		99
30) Benzo(a)anthracene	21.44	228	5476	0.230	ng		97
31) Chrysene	21.50	228	5786	0.232	ng		98
32) Bis(2-ethylhexyl)phthalate	21.35	149	9895	0.205	ng		99
33) Indeno(1,2,3-cd)pyrene	26.69	276	5338	0.215	ng		96
35) Benzo(b)fluoranthene	23.27	252	6216	0.285	ng		99
36) Benzo(k)fluoranthene	23.27	252	6491	0.256	ng		99
37) Benzo(a)pyrene	23.89	252	5340	0.237	ng	#	93
38) Dibenzo(a,h)anthracene	26.72	278	4487	0.212	ng	#	95
39) Benzo(g,h,i)perylene	27.51	276	5035	0.236	ng		97

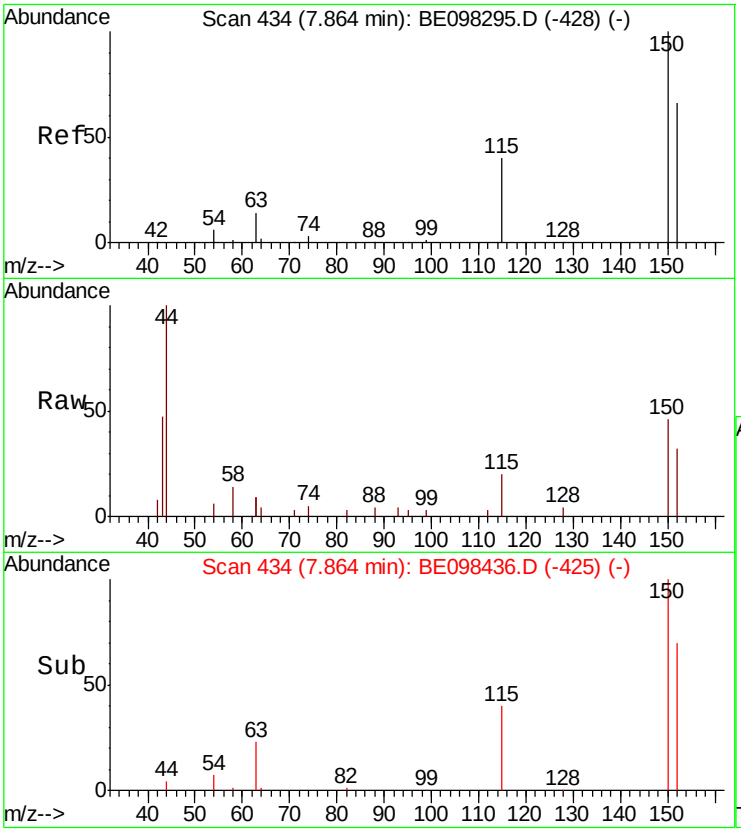
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
Data File : BE098436.D
Acq On : 14 Dec 2018 15:18
Operator : SJ/JU
Sample : PB115586BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Quant Time: Dec 14 23:31:29 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



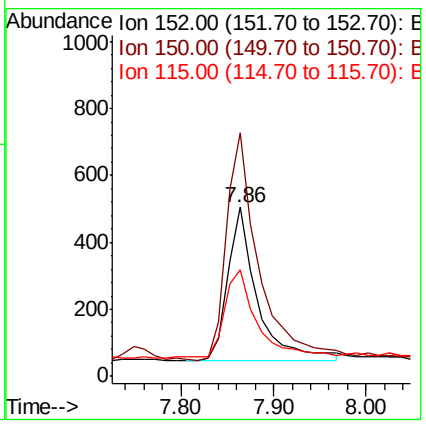


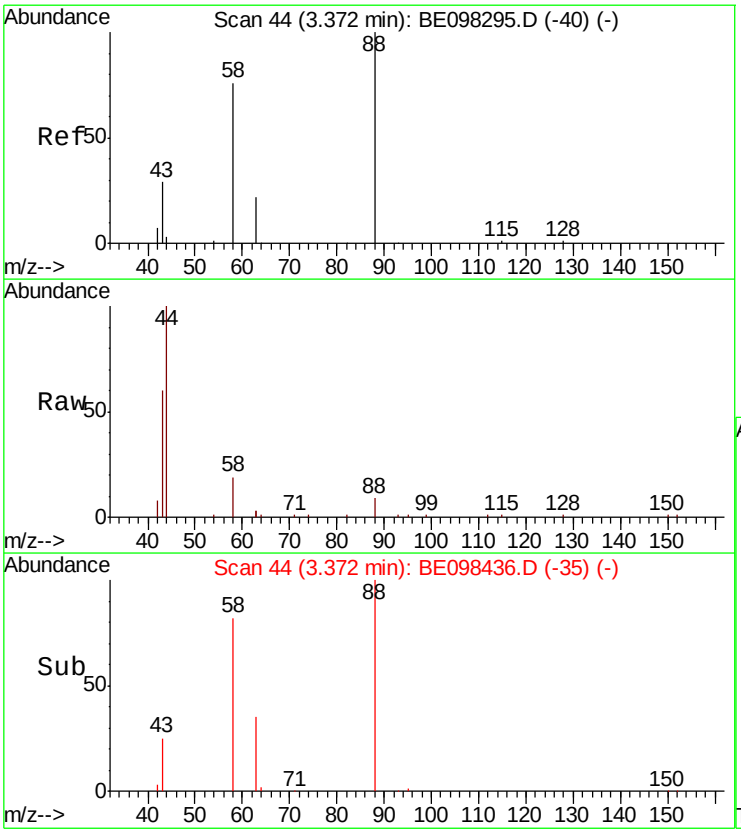
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:152 Resp: 1014

Ion	Ratio	Lower	Upper
152	100		
150	144.2	124.2	186.4
115	63.5	53.9	80.9

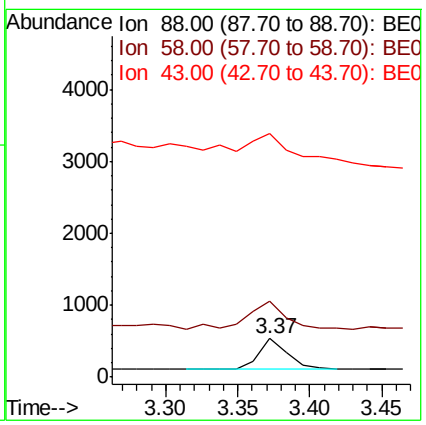


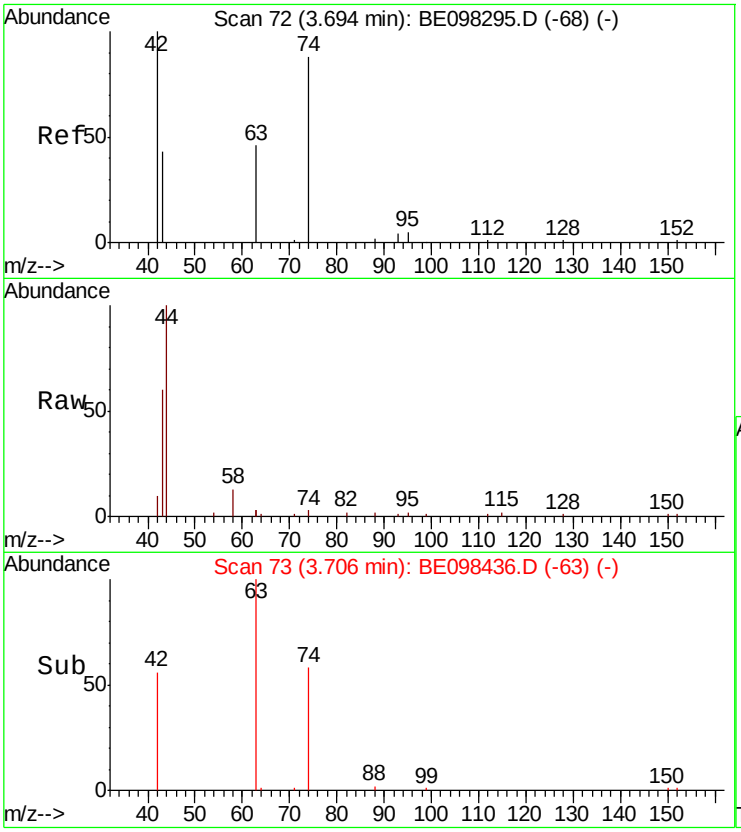


#2
1,4-Dioxane
Concen: 0.332 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion: 88 Resp: 583

Ion	Ratio	Lower	Upper
88	100		
58	124.9	75.0	112.6#
43	131.4	38.3	57.5#



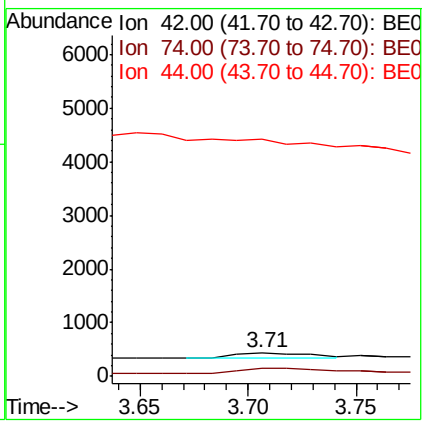


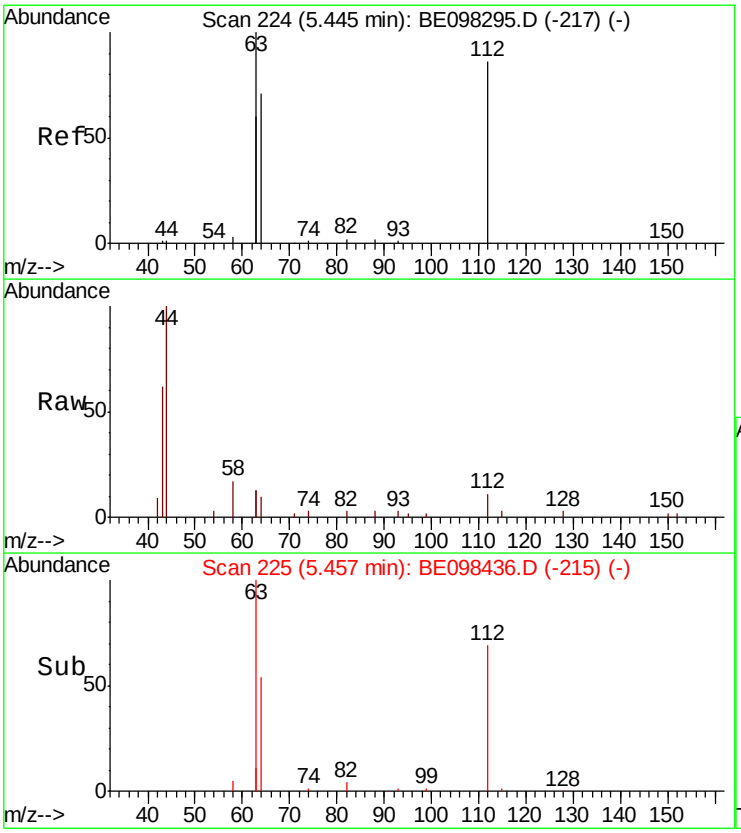
#3
n-Nitrosodimethylamine
Concen: 0.172 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion: 42 Resp: 271

Ion	Ratio	Lower	Upper
42	100		
74	97.0	0.0	0.0#
44	0.0	0.0	0.0

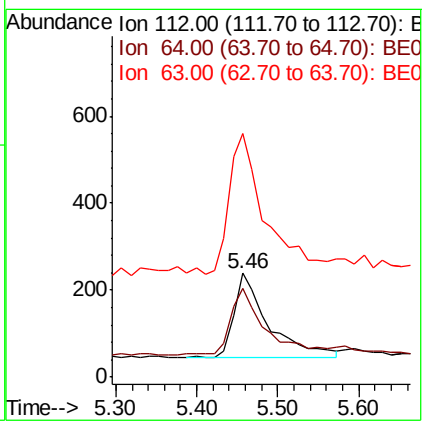


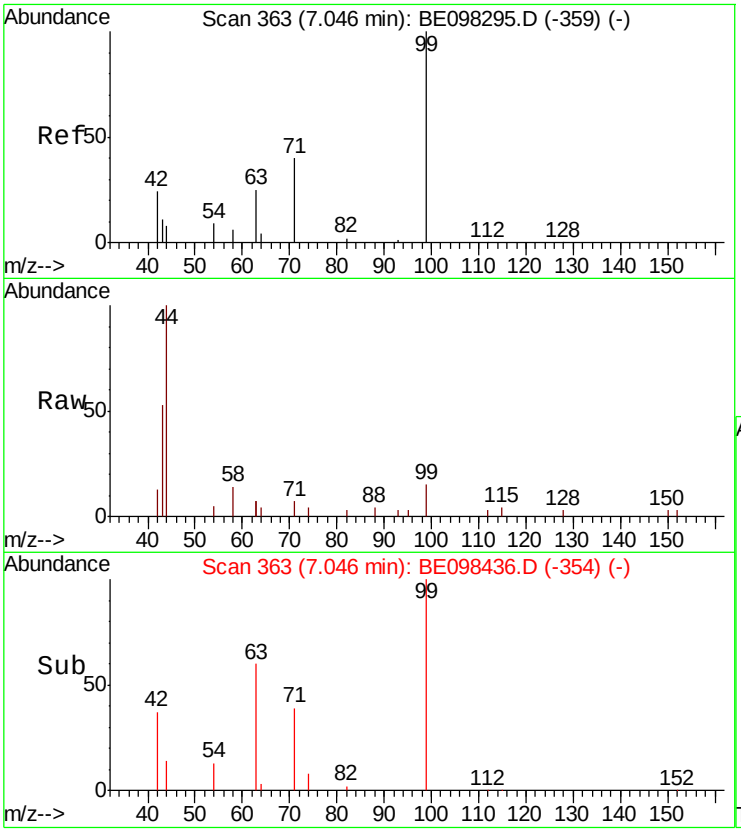


#4
2-Fluorophenol
Concen: 0.241 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:112 Resp: 571

Ion	Ratio	Lower	Upper
112	100		
64	82.3	59.8	89.8
63	177.4	133.7	200.5



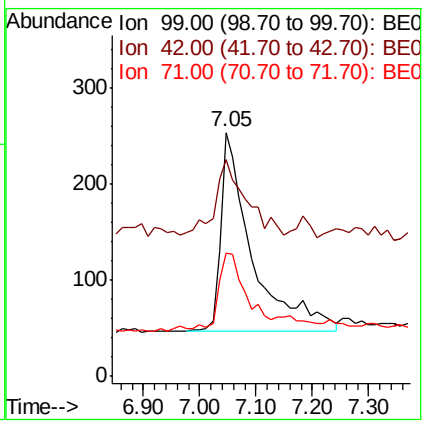


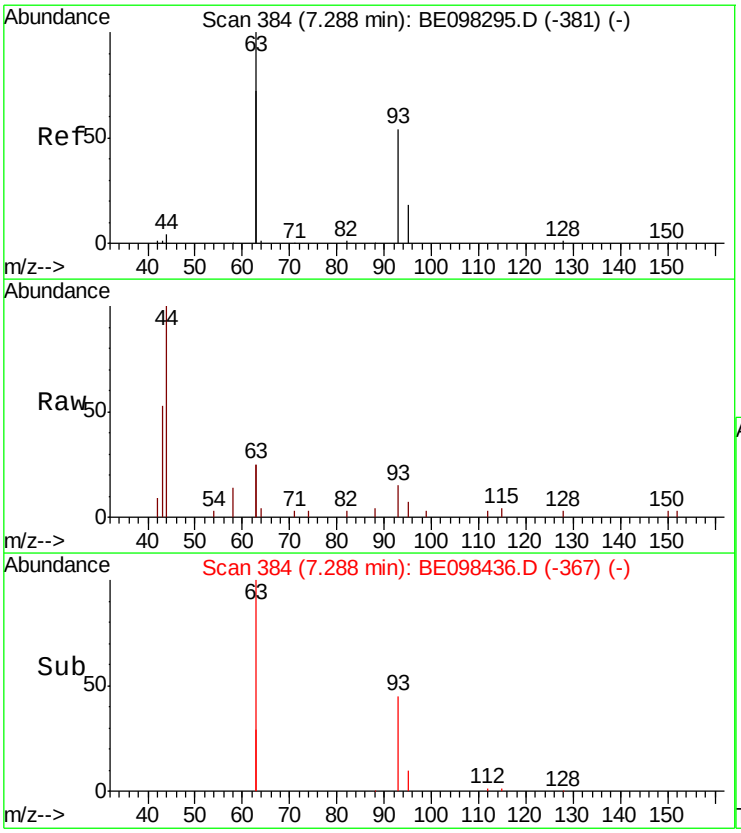
#5
Phenol-d6
Concen: 0.240 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion: 99 Resp: 808

Ion	Ratio	Lower	Upper
99	100		
42	37.3	26.3	39.5
71	32.1	33.6	50.4#

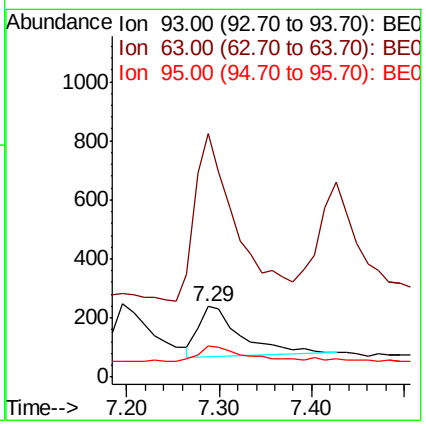


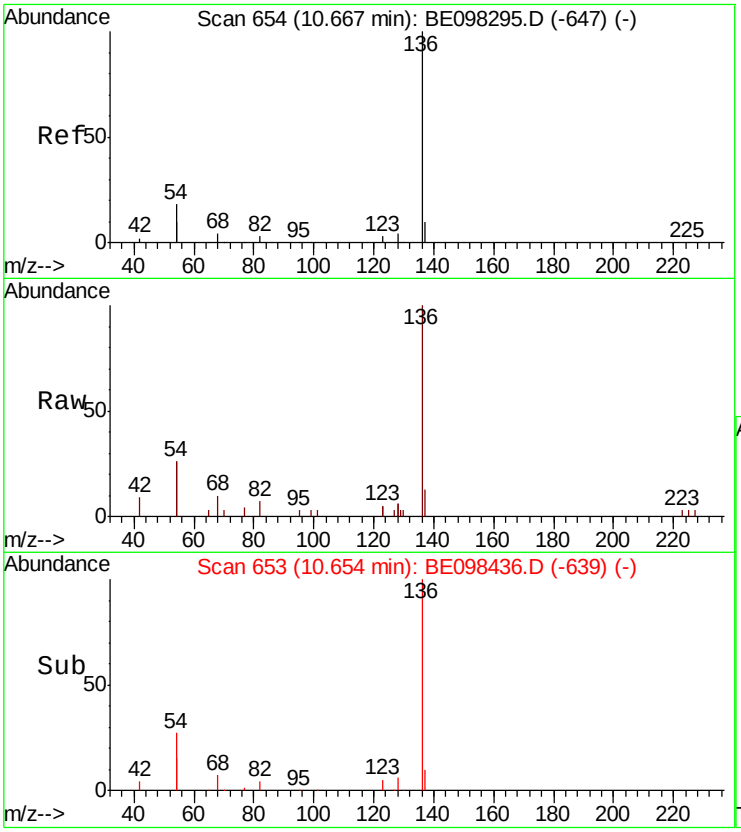


#6
bis(2-Chloroethyl)ether
Concen: 0.168 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion: 93 Resp: 536

Ion	Ratio	Lower	Upper
93	100		
63	324.6	264.4	396.6
95	31.3	26.6	40.0



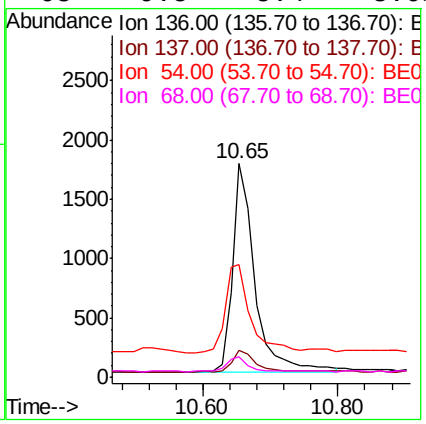


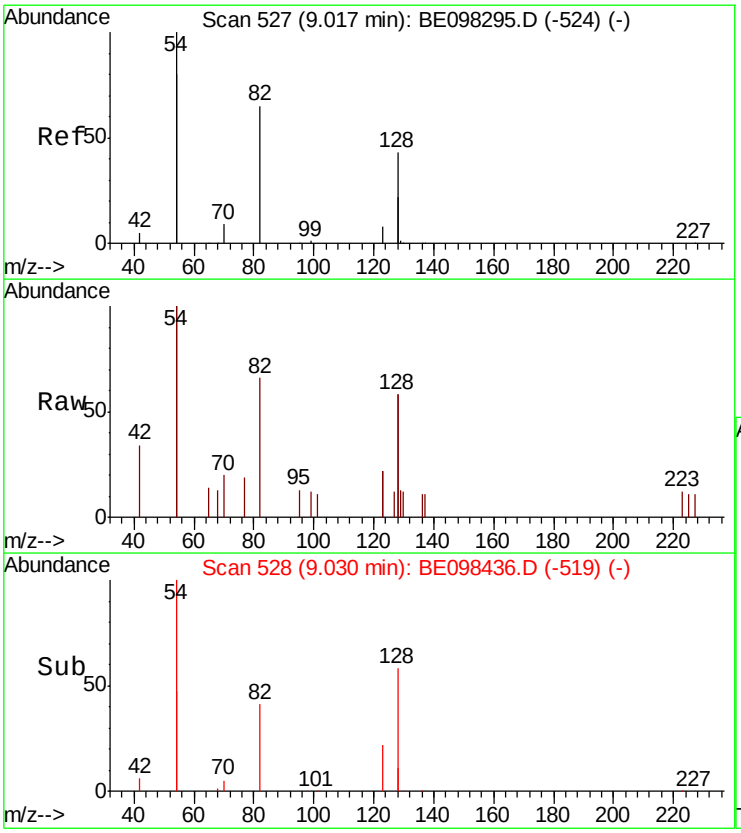
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:136 Resp: 4048

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	52.9	28.4	42.6#
68	9.5	5.4	8.0#

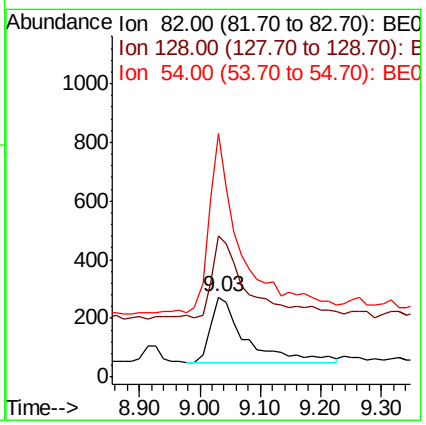


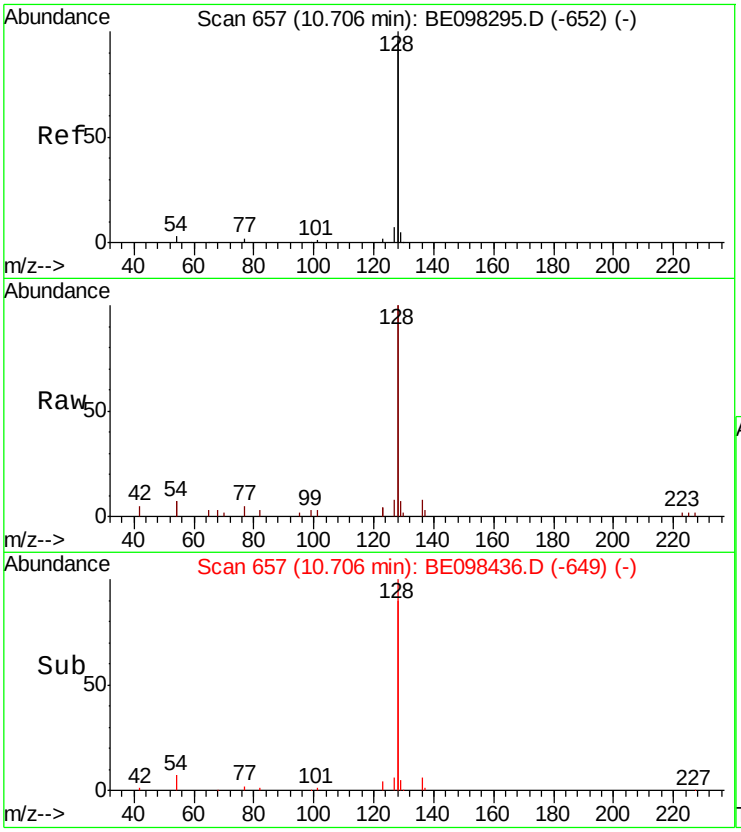


#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion: 82 Resp: 895

Ion	Ratio	Lower	Upper
82	100		
128	175.9	102.4	153.6#
54	302.9	221.8	332.8



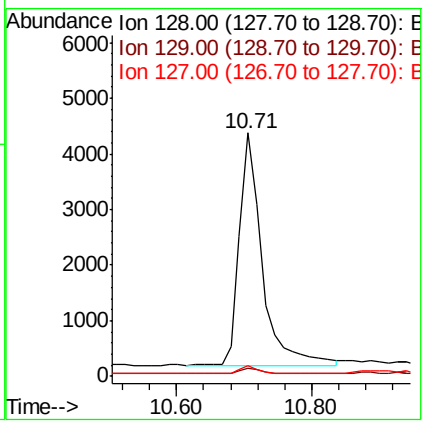


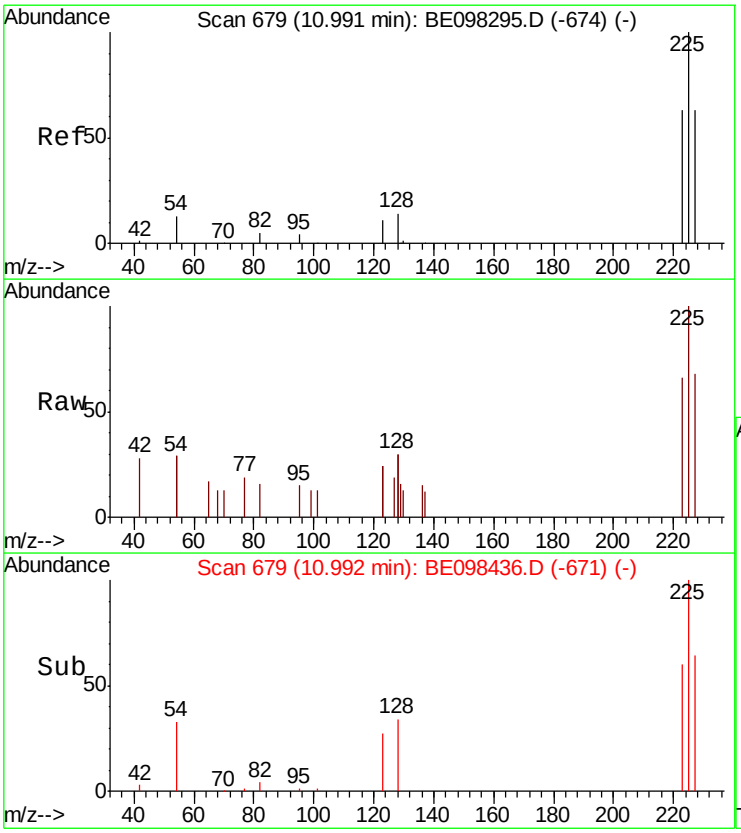
#9
Naphthalene
Concen: 0.244 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:128 Resp: 9924

Ion	Ratio	Lower	Upper
128	100		
129	3.6	2.5	3.7
127	4.2	2.7	4.1#

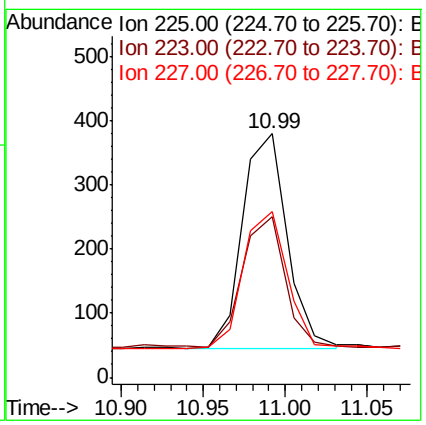


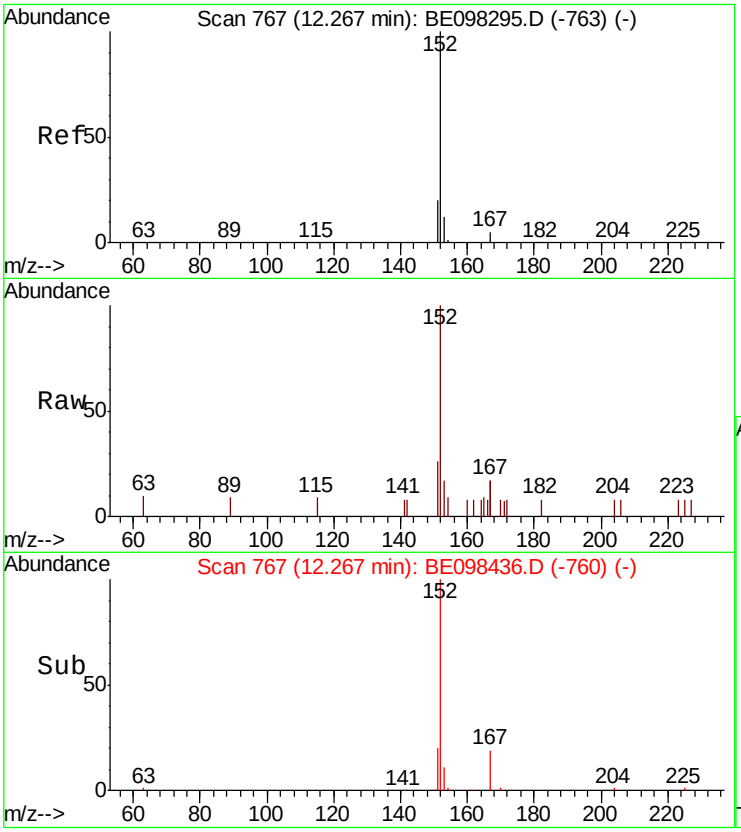


#10
Hexachlorobutadiene
Concen: 0.245 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:225 Resp: 636

Ion	Ratio	Lower	Upper
225	100		
223	56.9	49.4	74.0
227	62.4	52.0	78.0



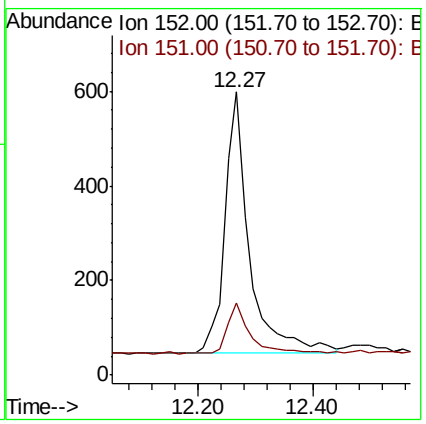


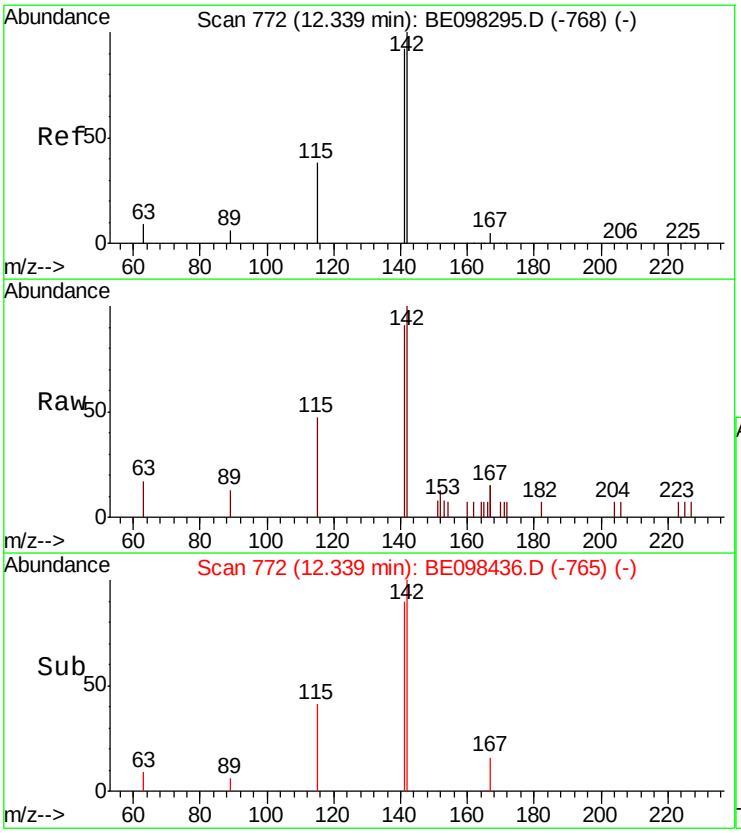
#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:152 Resp: 1636

Ion	Ratio	Lower	Upper
152	100		
151	17.5	16.2	24.4

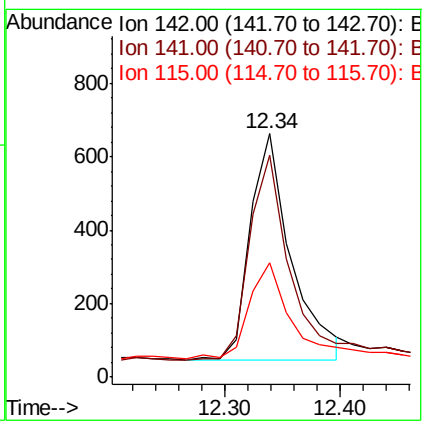


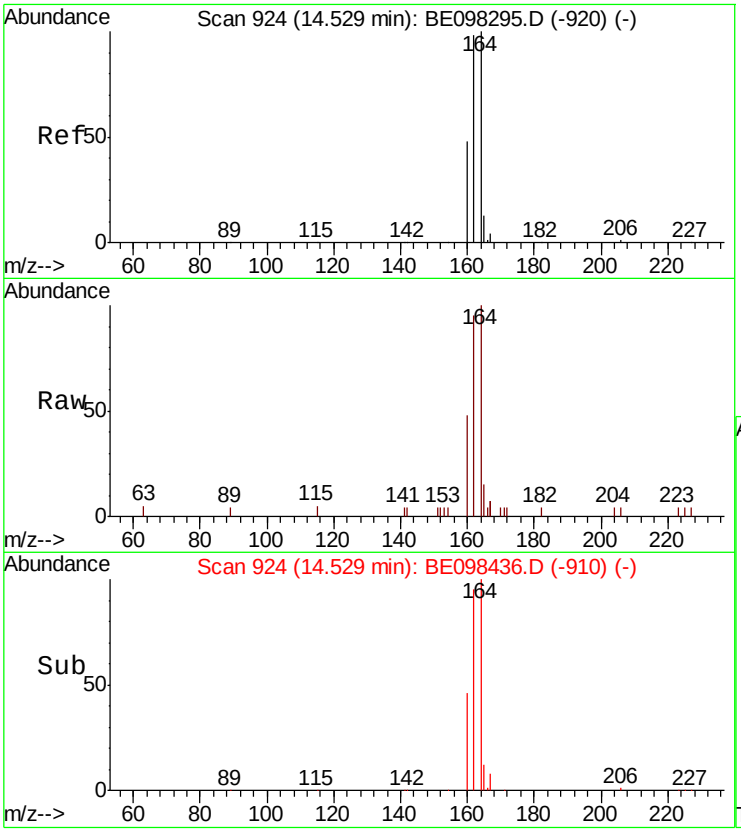


#12
2-Methylnaphthalene
Concen: 0.227 ng
RT: 12.34 min Scan# 772
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:142 Resp: 1504

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.0	106.6
115	47.1	32.2	48.2



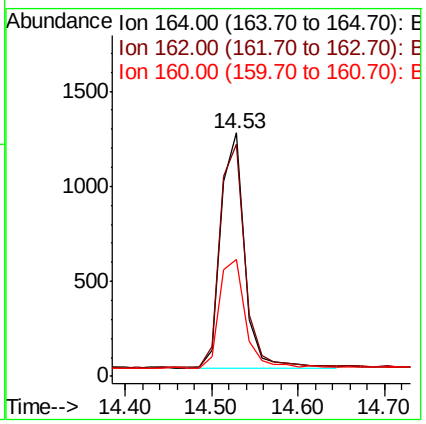


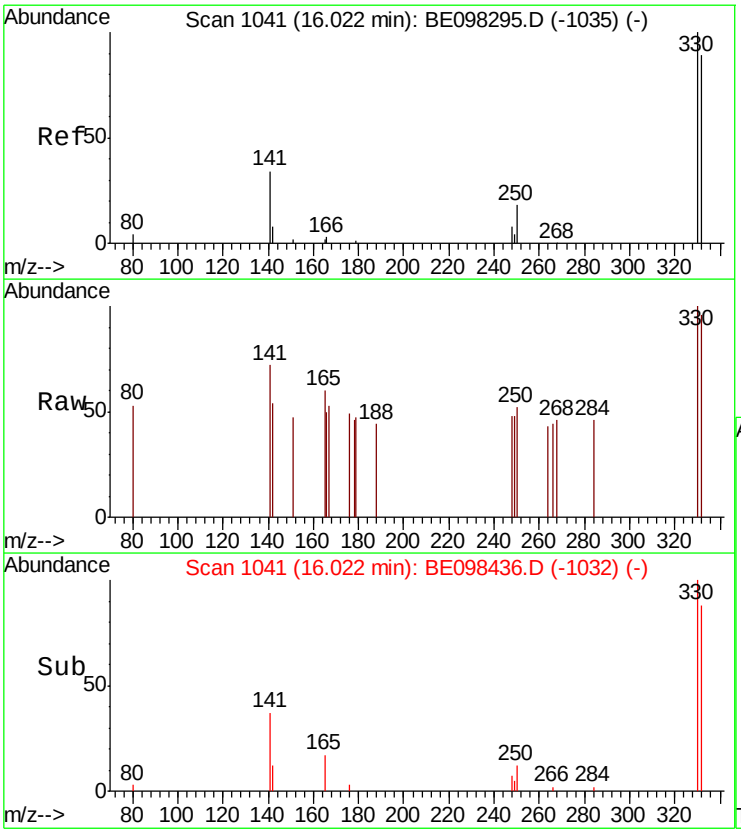
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:164 Resp: 2357

Ion	Ratio	Lower	Upper
164	100		
162	95.4	77.6	116.4
160	47.9	36.0	54.0

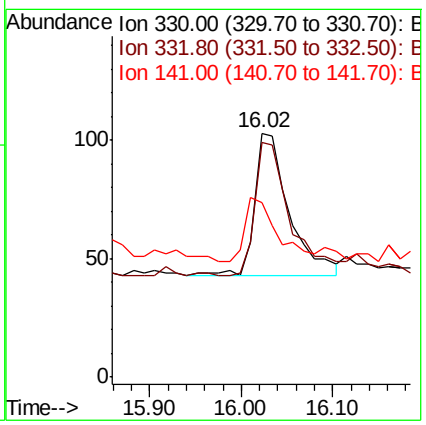


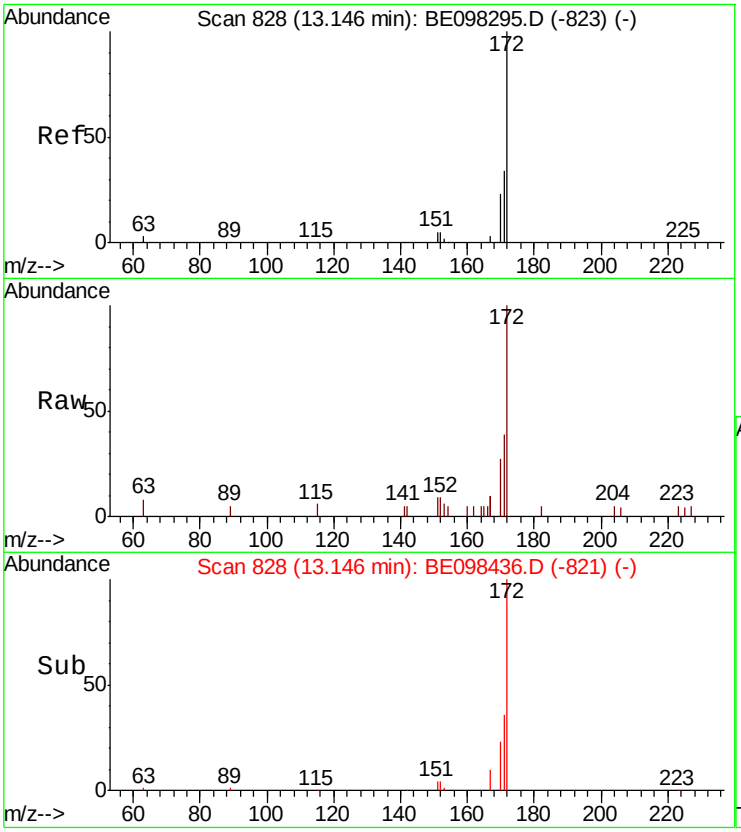


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:330 Resp: 159

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	41.5	39.0	58.4



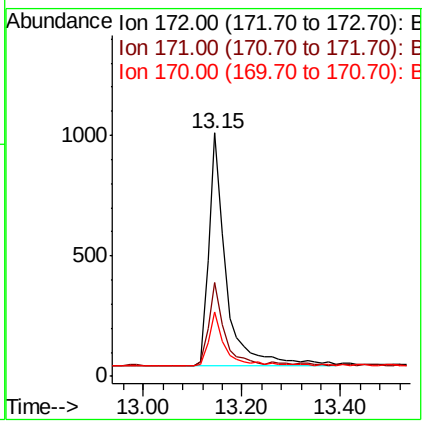


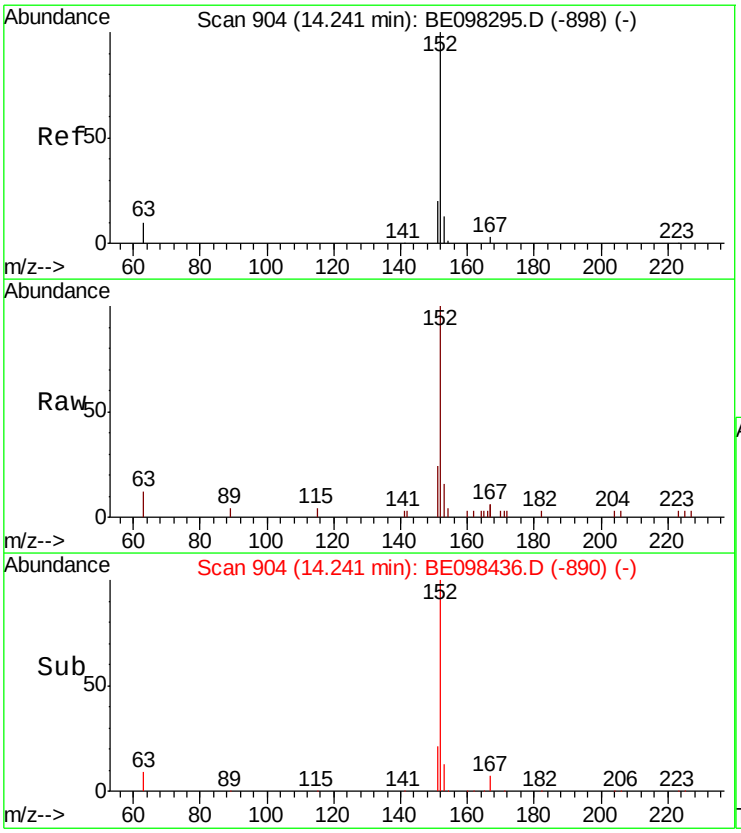
#15
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:172 Resp: 2289

Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.5	41.3
170	26.7	19.6	29.4

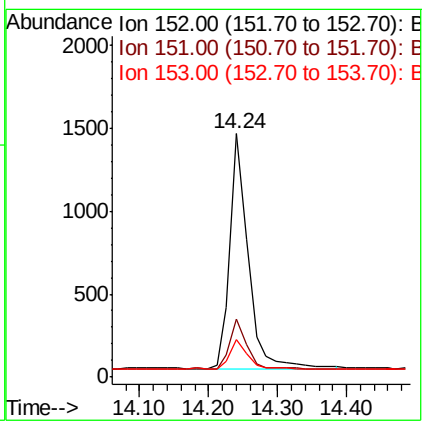


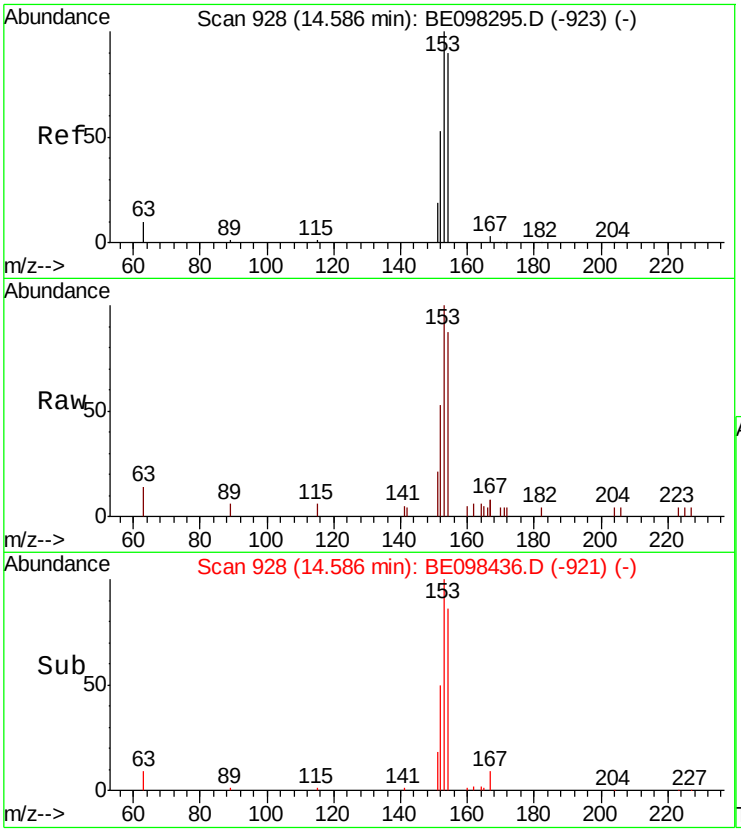


#16
Acenaphthylene
Concen: 0.235 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:152 Resp: 2599

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.5	23.3
153	13.2	10.6	16.0



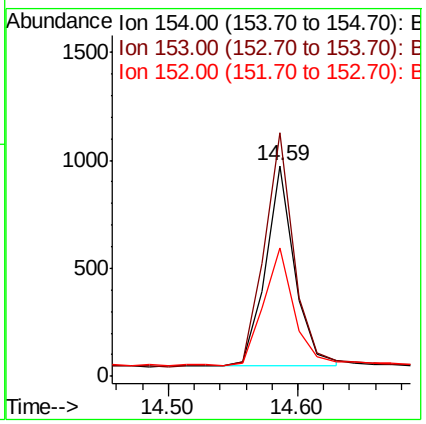


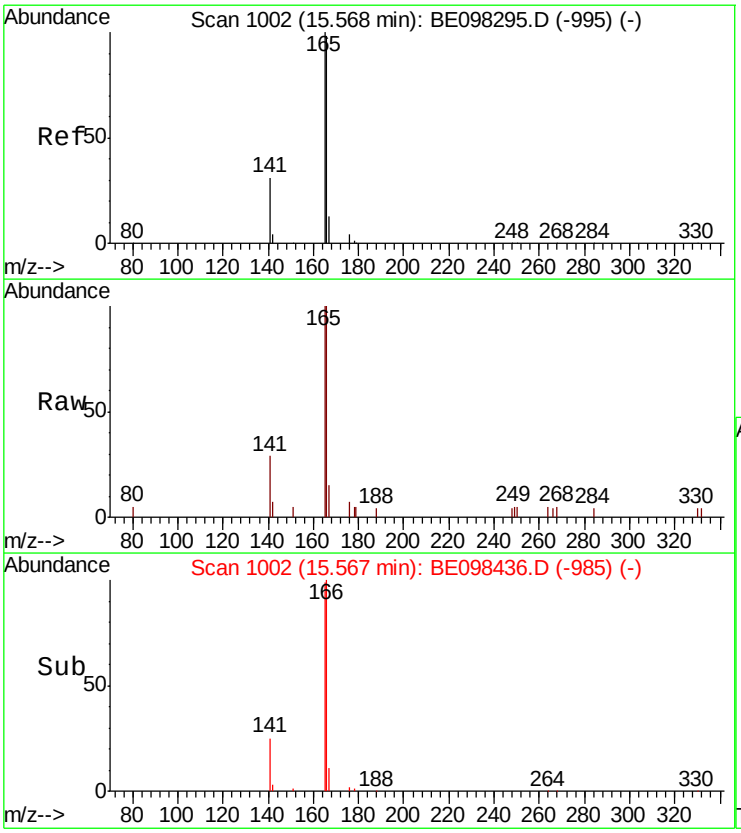
#17
Acenaphthene
Concen: 0.217 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:154 Resp: 1442

Ion	Ratio	Lower	Upper
154	100		
153	118.9	91.8	137.6
152	60.1	45.5	68.3

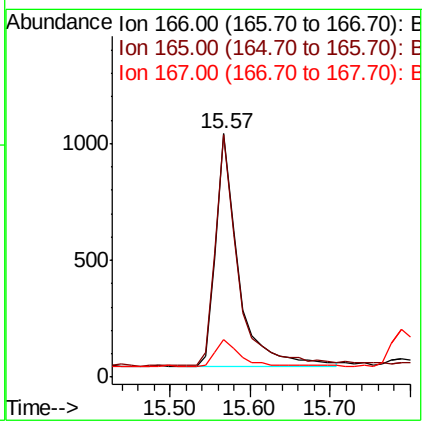


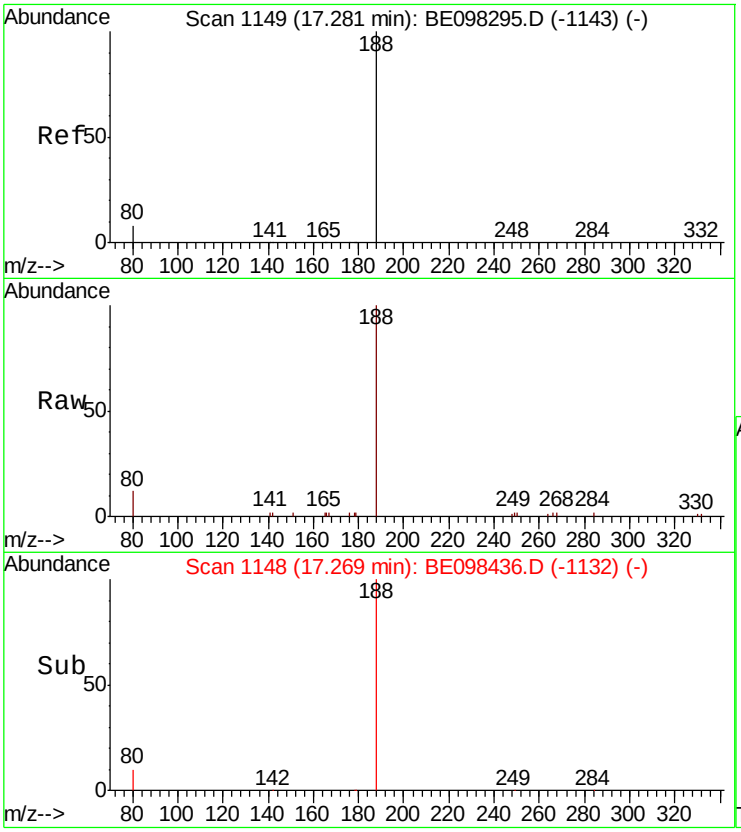


#18
Fluorene
Concen: 0.220 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:166 Resp: 1952

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.3	118.9
167	13.1	11.3	16.9



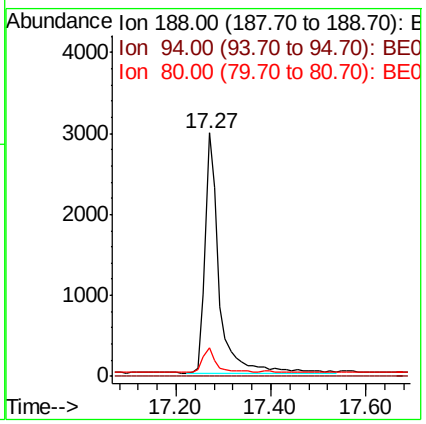


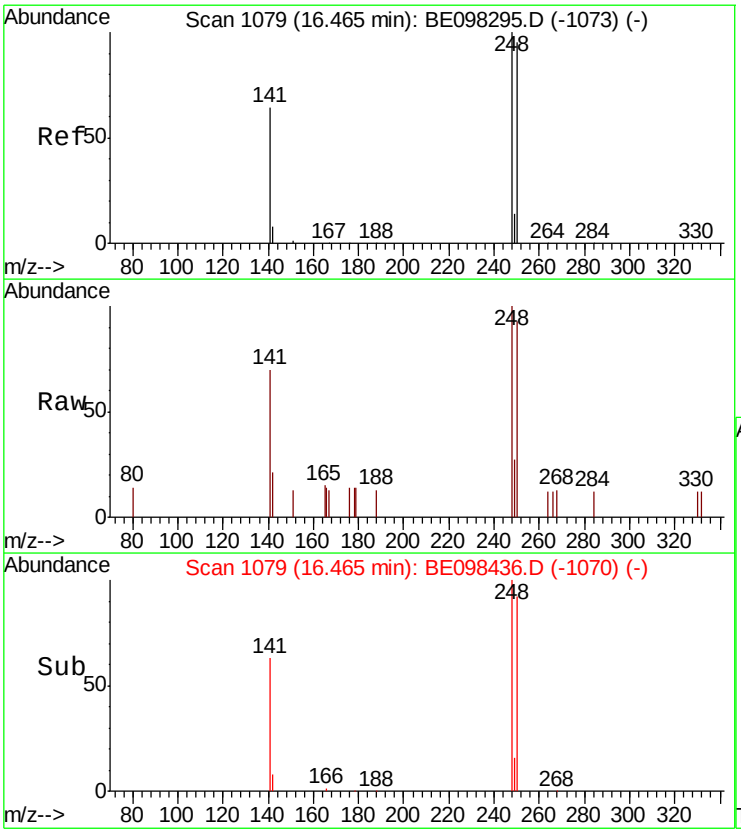
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:188 Resp: 6164

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.2	10.8#

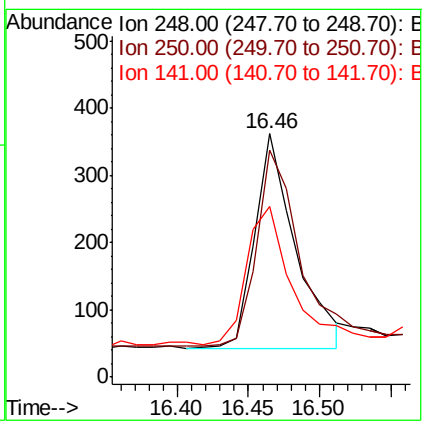


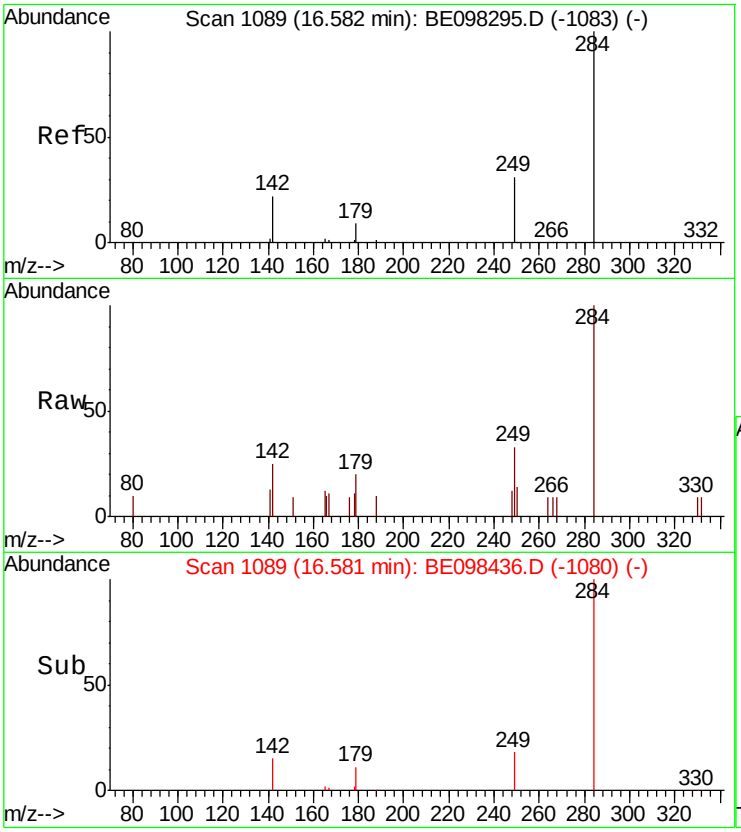


#20
4-Bromophenyl-phenylether
Concen: 0.191 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:248 Resp: 634

Ion	Ratio	Lower	Upper
248	100		
250	93.1	71.0	106.6
141	69.9	62.1	93.1



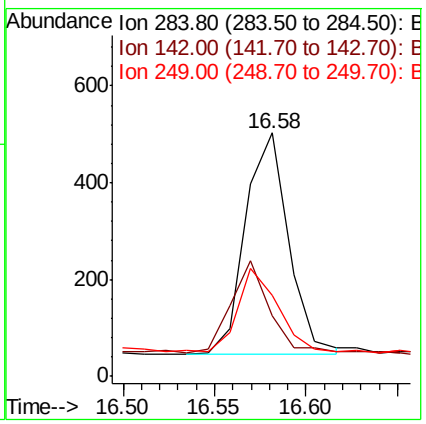


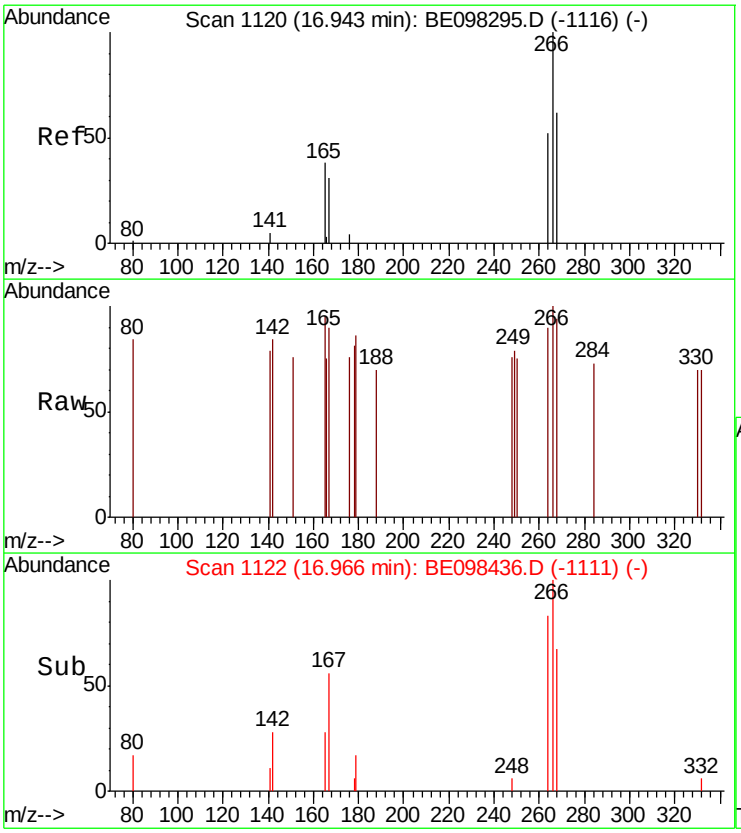
#21
Hexachlorobenzene
Concen: 0.211 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:284 Resp: 752

Ion	Ratio	Lower	Upper
284	100		
142	37.2	26.3	39.5
249	34.6	26.0	39.0

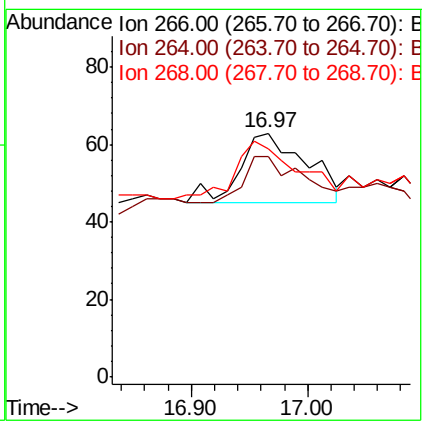


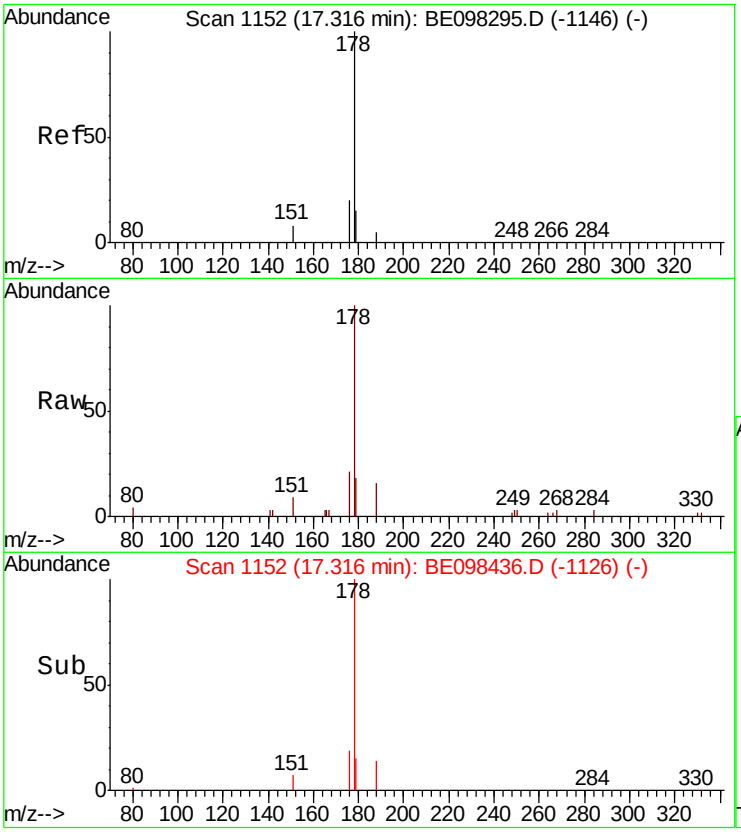


#22
Pentachlorophenol
Concen: 0.146 ng
RT: 16.97 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:266 Resp: 72

Ion	Ratio	Lower	Upper
266	100		
264	90.5	59.0	88.4#
268	93.7	55.1	82.7#



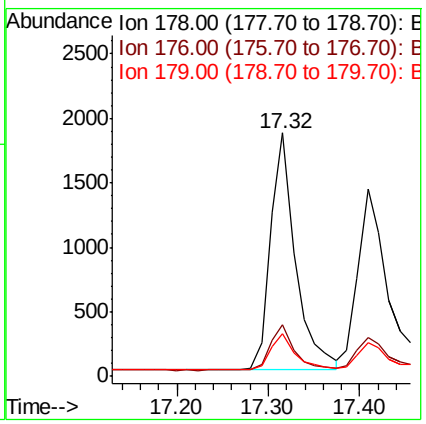


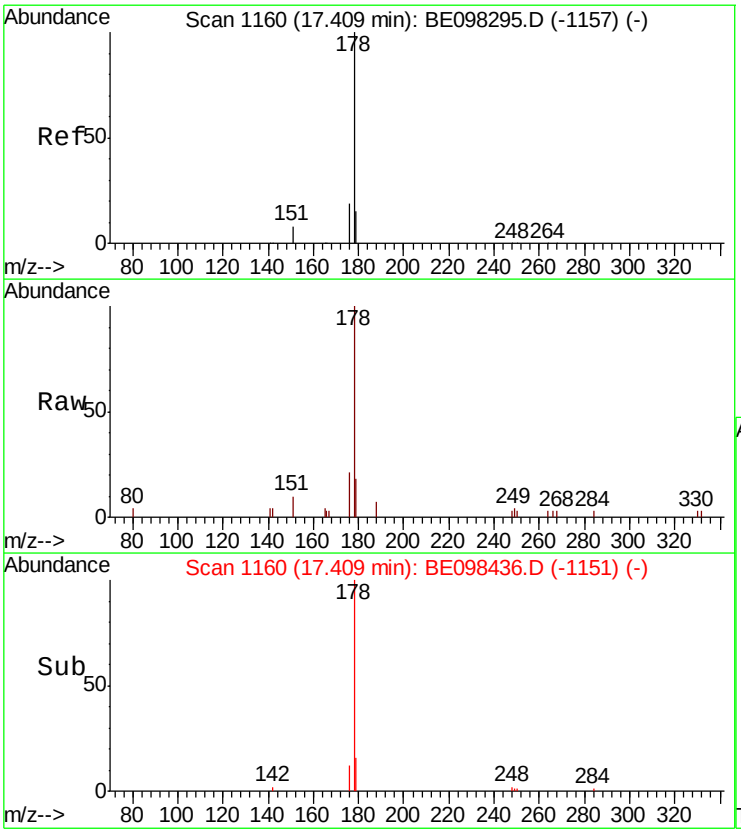
#23
Phenanthrene
Concen: 0.233 ng
RT: 17.32 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:178 Resp: 3496

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.9	23.9
179	15.2	12.3	18.5

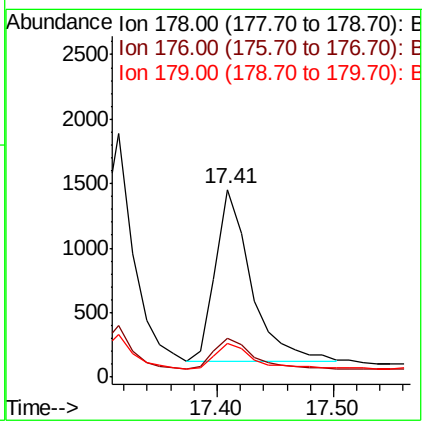


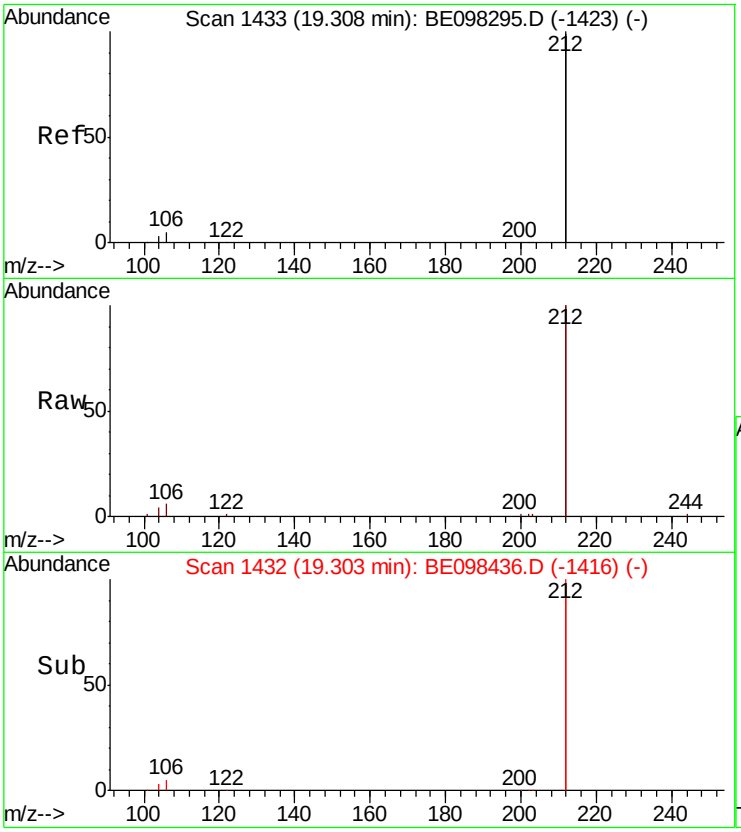


#24
Anthracene
Concen: 0.212 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:178 Resp: 2829

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.1	12.3	18.5



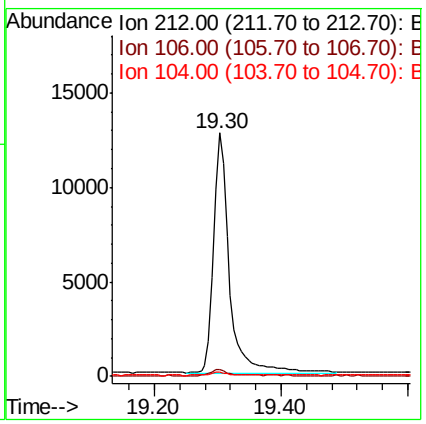


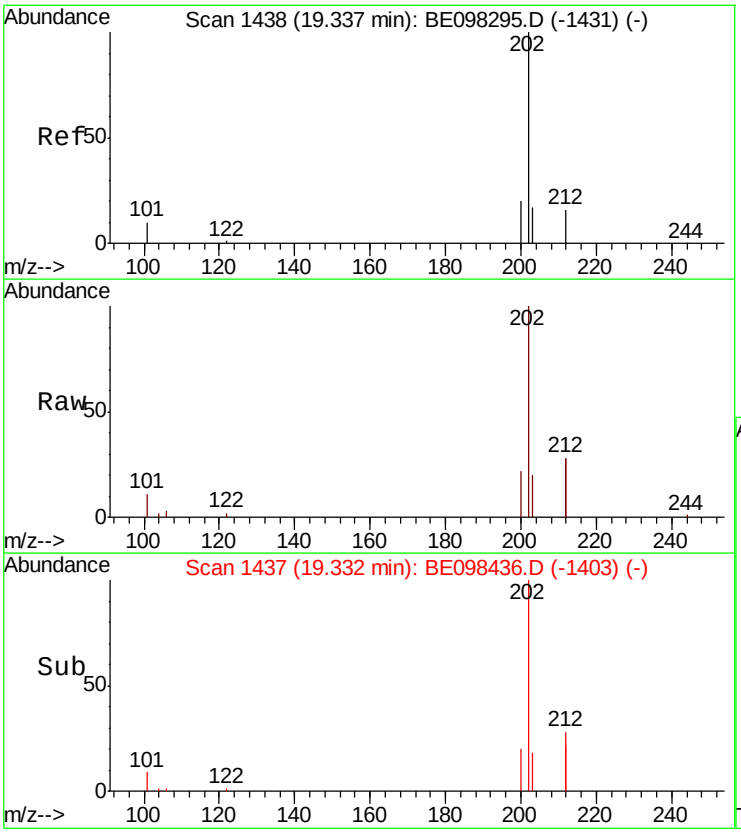
#25
Fluoranthene-d10
Concen: 0.275 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:212 Resp: 21779

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

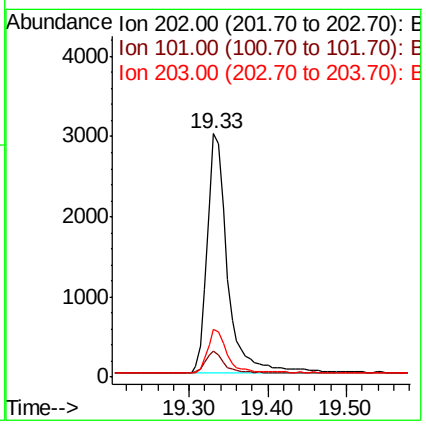


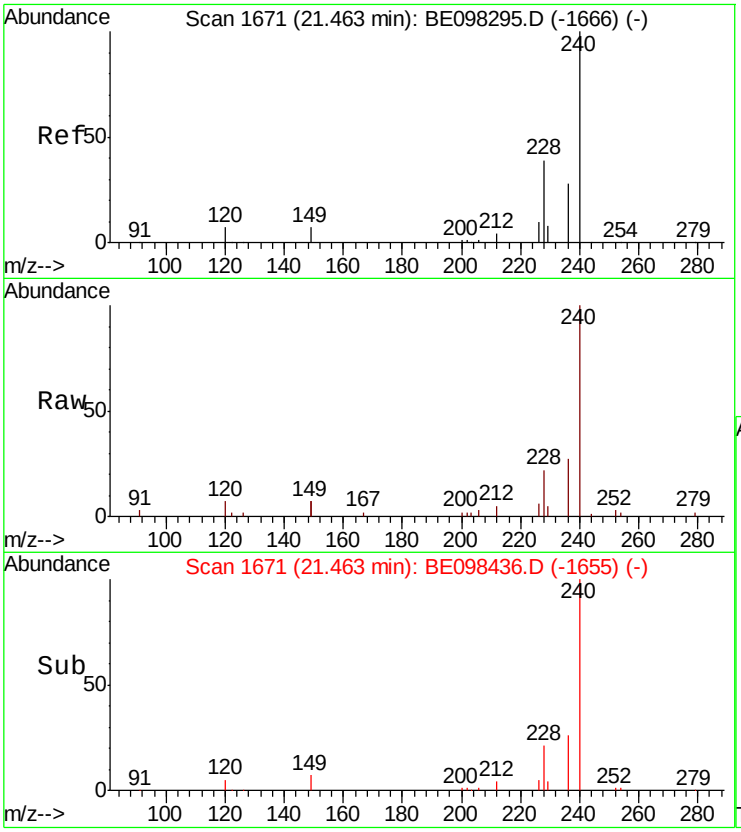


#26
Fluoranthene
Concen: 0.269 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:202 Resp: 5334

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.0	12.0
203	17.4	13.8	20.6



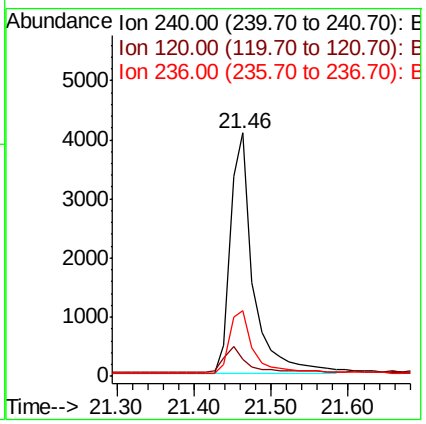


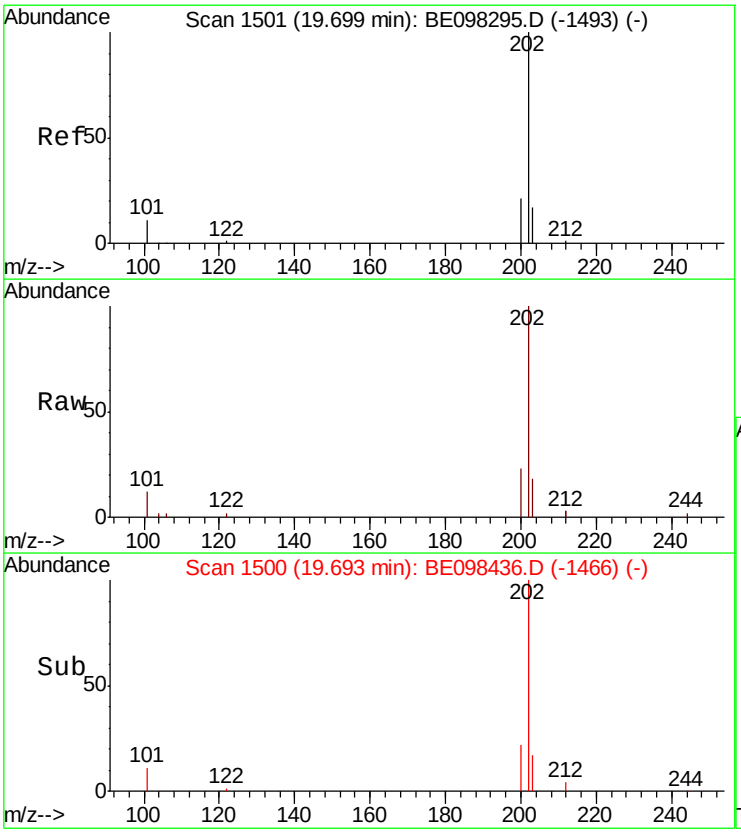
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:240 Resp: 8354

Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.5	14.3#
236	27.2	22.7	34.1

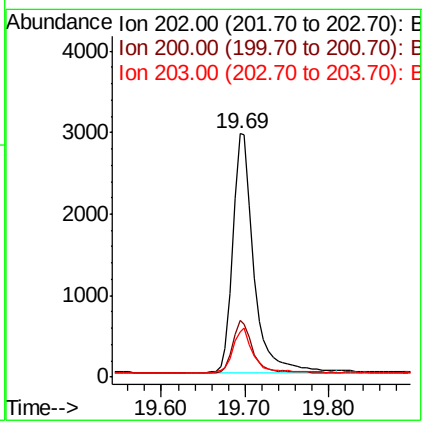


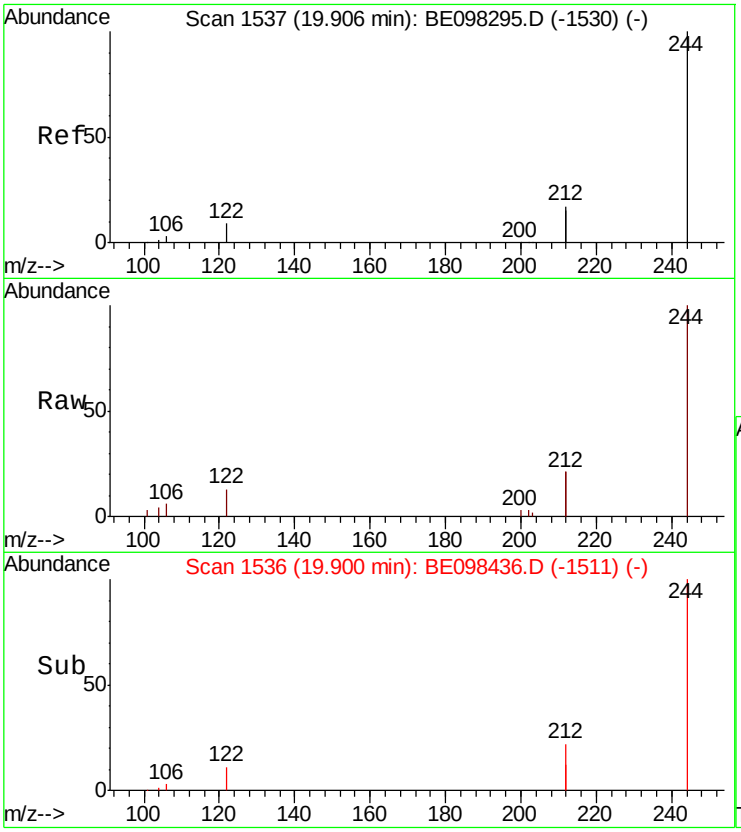


#28
Pyrene
Concen: 0.197 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:202 Resp: 5167

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.9	14.1	21.1



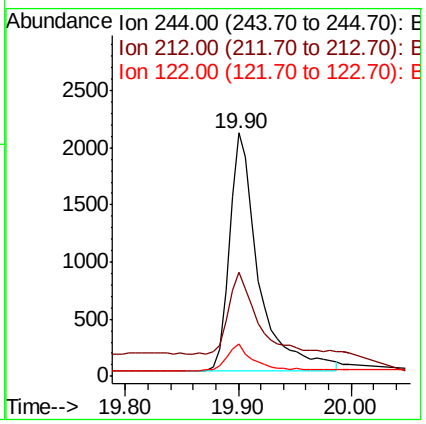


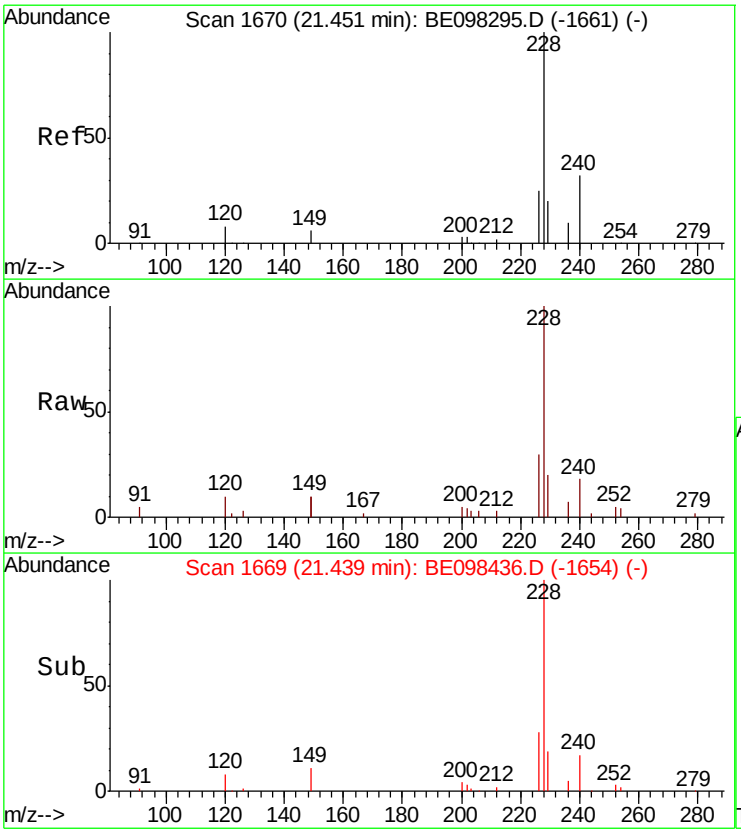
#29
Terphenyl-d14
Concen: 0.186 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:244 Resp: 3785

Ion	Ratio	Lower	Upper
244	100		
212	42.6	27.4	41.0#
122	13.2	8.3	12.5#

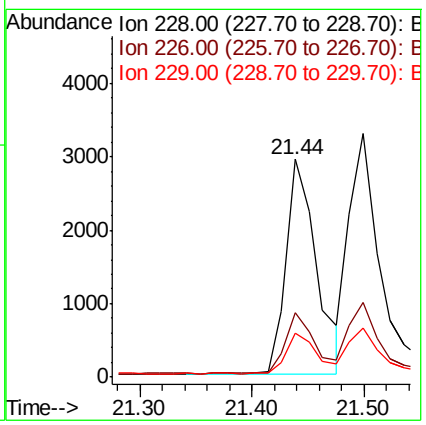


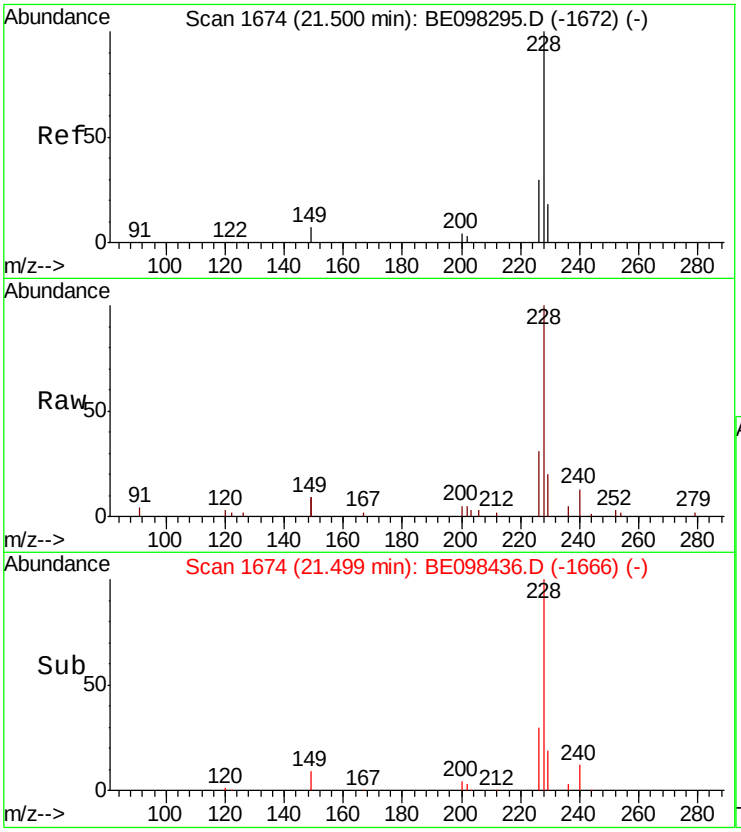


#30
Benzo(a)anthracene
Concen: 0.230 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:228 Resp: 5476

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.8	32.8
229	20.5	16.3	24.5



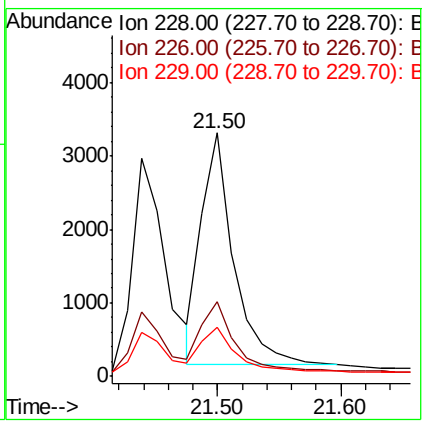


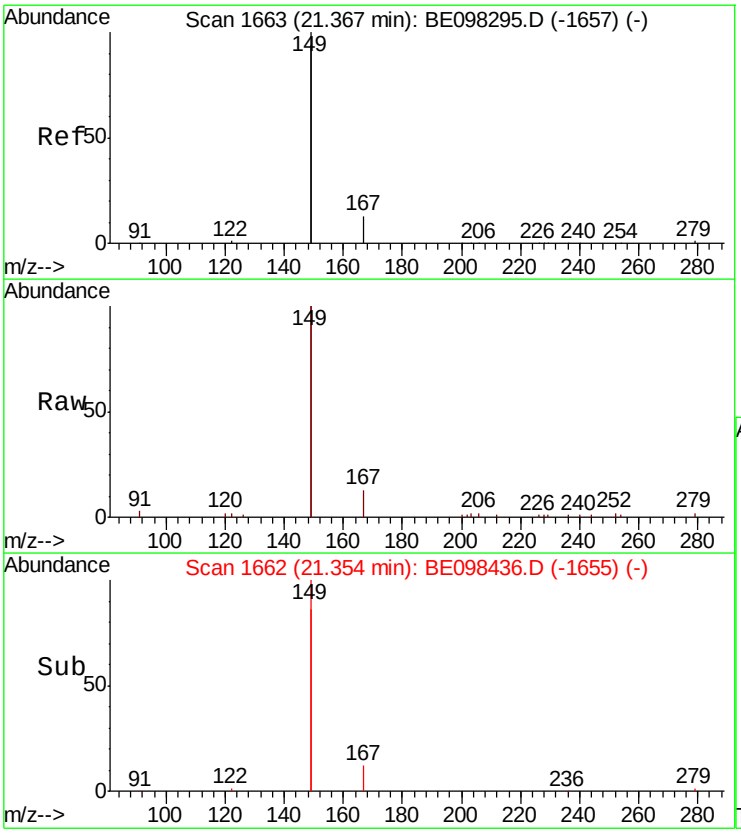
#31
Chrysene
Concen: 0.232 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:228 Resp: 5786

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	20.4	16.2	24.4

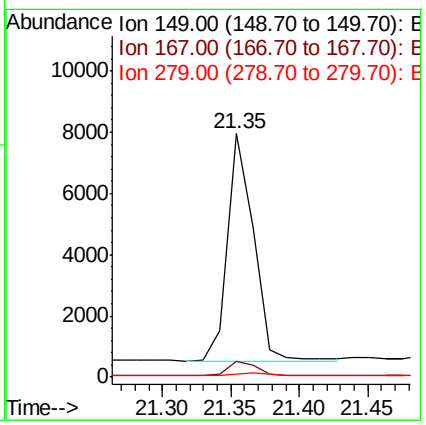


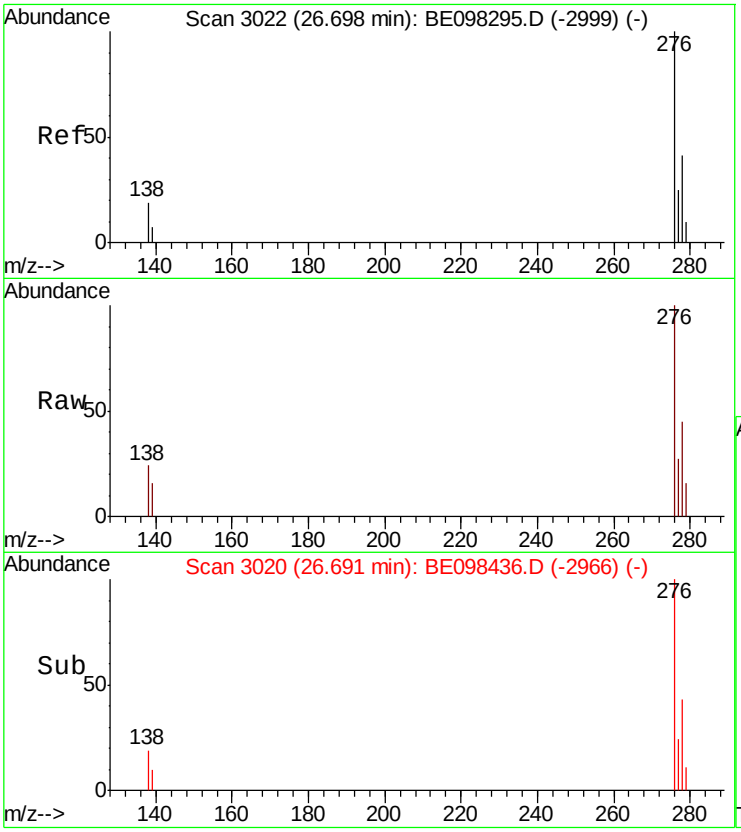


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.205 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:149 Resp: 9895

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.7	8.5
279	1.2	1.0	1.4



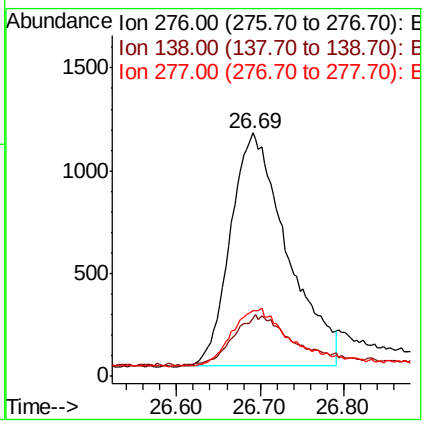


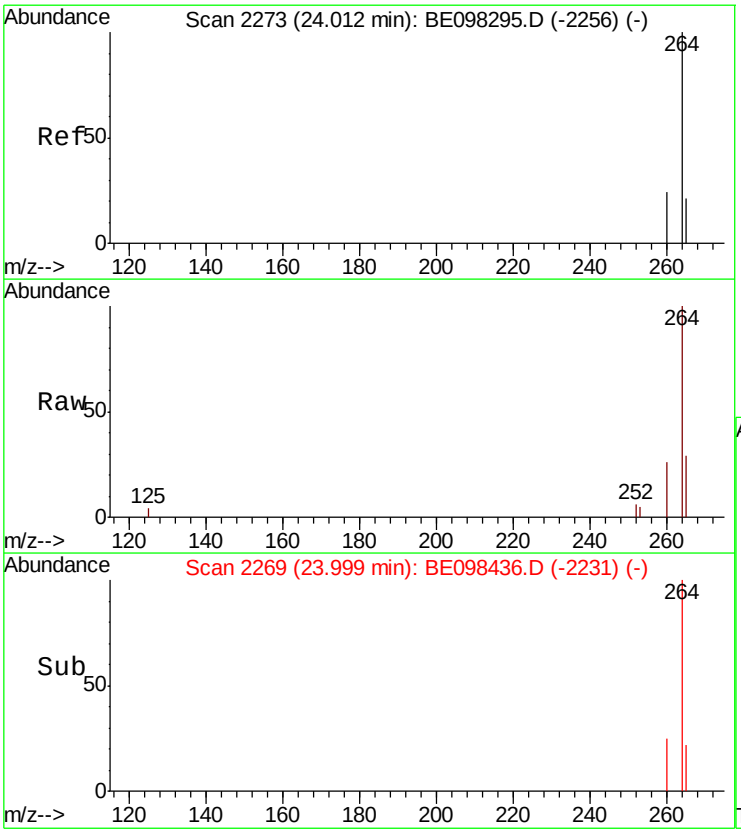
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:276 Resp: 5338

Ion	Ratio	Lower	Upper
276	100		
138	23.6	16.3	24.5
277	24.8	20.2	30.4

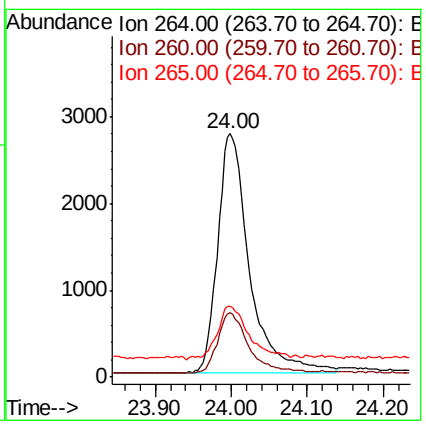


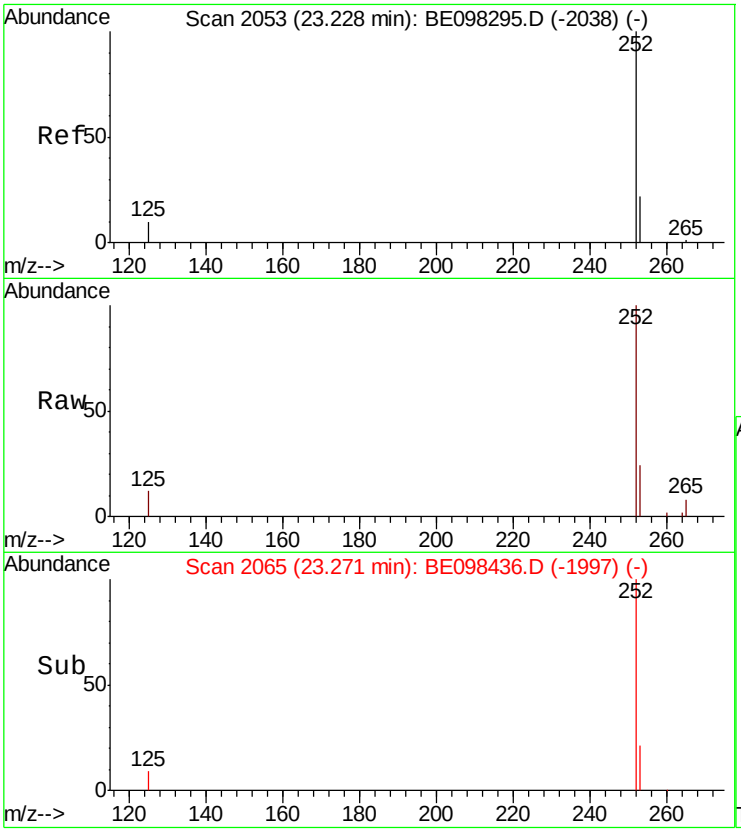


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:264 Resp: 7969

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.2	30.2
265	29.1	25.2	37.8



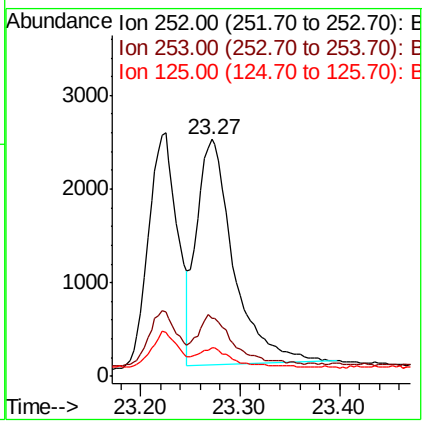


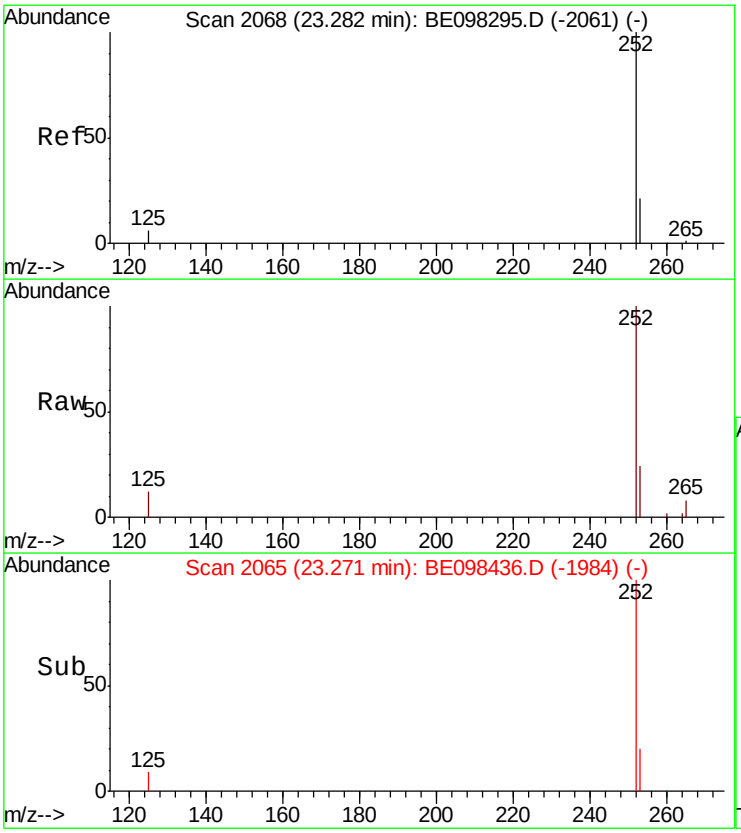
#35
Benzo(b)fluoranthene
Concen: 0.285 ng
RT: 23.27 min Scan# 2065
Delta R.T. 0.04 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:252 Resp: 6216

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.0	30.0
125	12.3	9.6	14.4

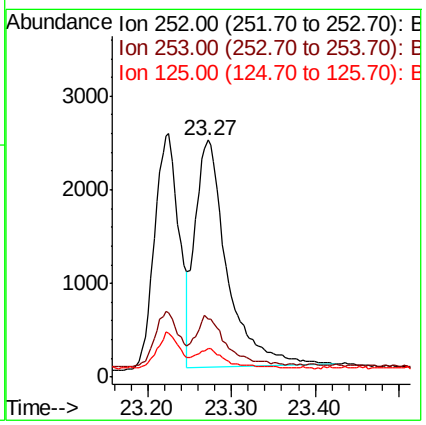


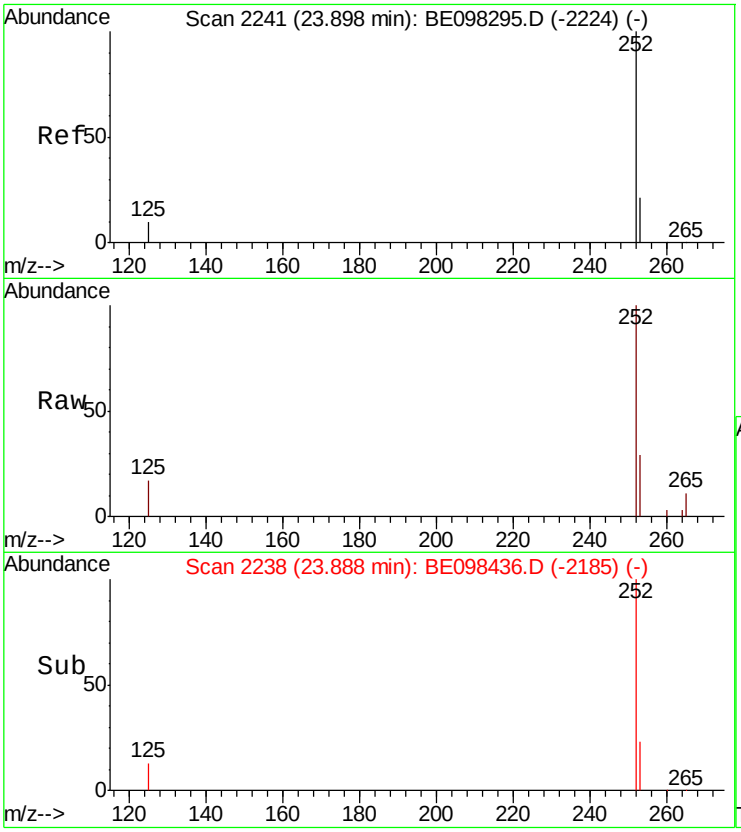


#36
Benzo(k)fluoranthene
Concen: 0.256 ng
RT: 23.27 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:252 Resp: 6491

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.0	28.6
125	12.3	9.1	13.7



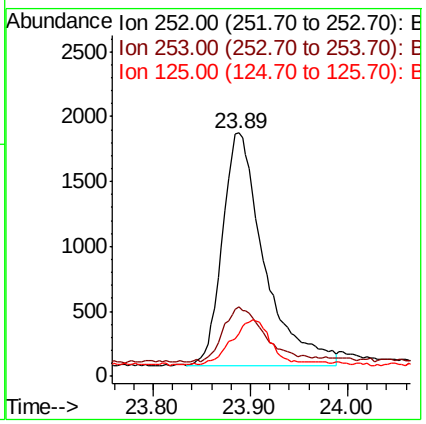


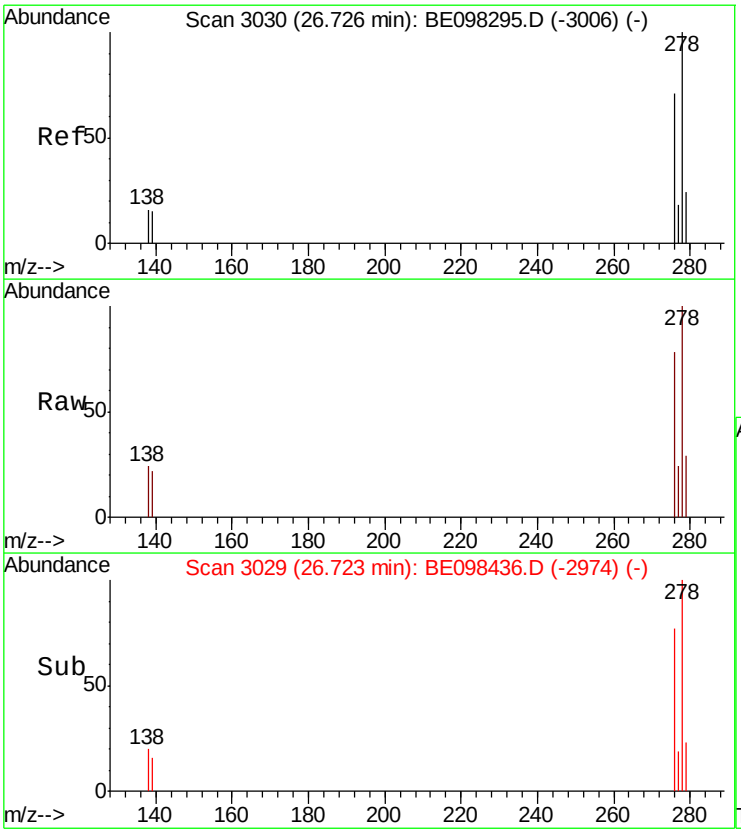
#37
Benzo(a)pyrene
Concen: 0.237 ng
RT: 23.89 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:252 Resp: 5340

Ion	Ratio	Lower	Upper
252	100		
253	28.6	20.6	30.8
125	17.5	10.5	15.7#

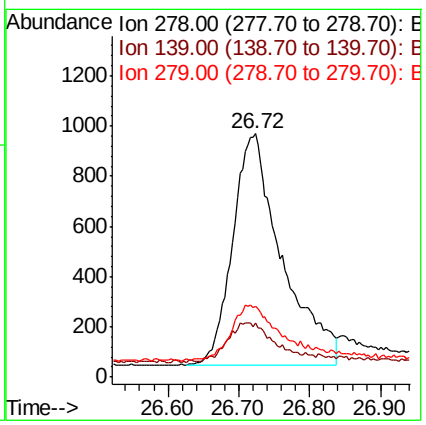


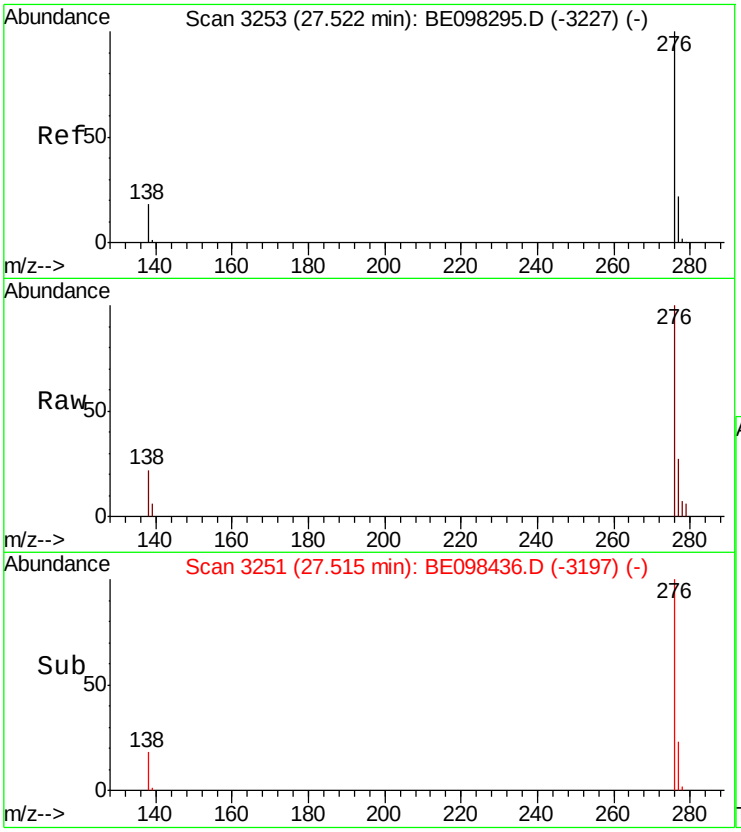


#38
Dibenzo(a,h)anthracene
Concen: 0.212 ng
RT: 26.72 min Scan# 3029
Delta R.T. -0.00 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Tgt Ion:278 Resp: 4487

Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.5	21.7#
279	29.0	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.236 ng
RT: 27.51 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BE098436.D
Acq: 14 Dec 2018 15:18

Instrument :
BNA_G
ClientSampleId :
PB115586BS

Tgt Ion:276 Resp: 5035

Ion	Ratio	Lower	Upper
276	100		
277	27.1	20.8	31.2
138	22.1	15.8	23.6