Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
Data File : BE098286.D
Acq On : 30 Nov 2018 14:46
Operator : SJ/JU
Sample : PB115203BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115203BS

Quant Time: Nov 30 15:17:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1455	0.40	ng	0.02
7) Naphthalene-d8	10.68	136	5987	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3209	0.40	ng	0.02
19) Phenanthrene-d10	17.29	188	7716	0.40	ng	0.01
27) Chrysene-d12	21.48	240	10744	0.40	ng	0.01
34) Perylene-d12	24.02	264	10568	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	1276	0.33	ng	0.02
5) Phenol-d6	7.07	99	1556	0.28	ng	0.02
8) Nitrobenzene-d5	9.04	82	1768	0.29	ng	0.03
11) 2-Methylnaphthalene-d10	12.28	152	3396	0.35	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	357	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	4287	0.32	ng	0.02
25) Fluoranthene-d10	19.32	212	33595	0.32	ng	0.01
29) Terphenyl-d14	19.91	244	6006	0.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	638	0.236	ng	# 50
3) n-Nitrosodimethylamine	3.69	42	950	0.340	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	1460	0.290	ng	94
9) Naphthalene	10.73	128	21400	0.356	ng	99
10) Hexachlorobutadiene	11.02	225	1205	0.312	ng	98
12) 2-Methylnaphthalene	12.35	142	3465	0.347	ng	99
16) Acenaphthylene	14.26	152	5613	0.375	ng	99
17) Acenaphthene	14.60	154	3140	0.352	ng	100
18) Fluorene	15.58	166	4150	0.351	ng	99
20) 4-Bromophenyl-phenylether	16.48	248	1393	0.319	ng	91
21) Hexachlorobenzene	16.59	284	1450	0.321	ng	96
22) Pentachlorophenol	16.95	266	794	0.531	ng	93
23) Phenanthrene	17.33	178	6785	0.354	ng	99
24) Anthracene	17.42	178	6221	0.349	ng	99
26) Fluoranthene	19.35	202	9188	0.351	ng	100
28) Pyrene	19.71	202	9494	0.319	ng	100
30) Benzo(a)anthracene	21.45	228	11695	0.370	ng	99
31) Chrysene	21.51	228	11284	0.351	ng	100
32) Bis(2-ethylhexyl)phthalate	21.37	149	22435	0.296	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	12616	0.388	ng	99
35) Benzo(b)fluoranthene	23.24	252	11333	0.366	ng	99
36) Benzo(k)fluoranthene	23.29	252	11935	0.367	ng	98
37) Benzo(a)pyrene	23.91	252	10973	0.368	ng	99
38) Dibenzo(a,h)anthracene	26.74	278	10432	0.369	ng	99
39) Benzo(g,h,i)perylene	27.54	276	10798	0.381	ng	99

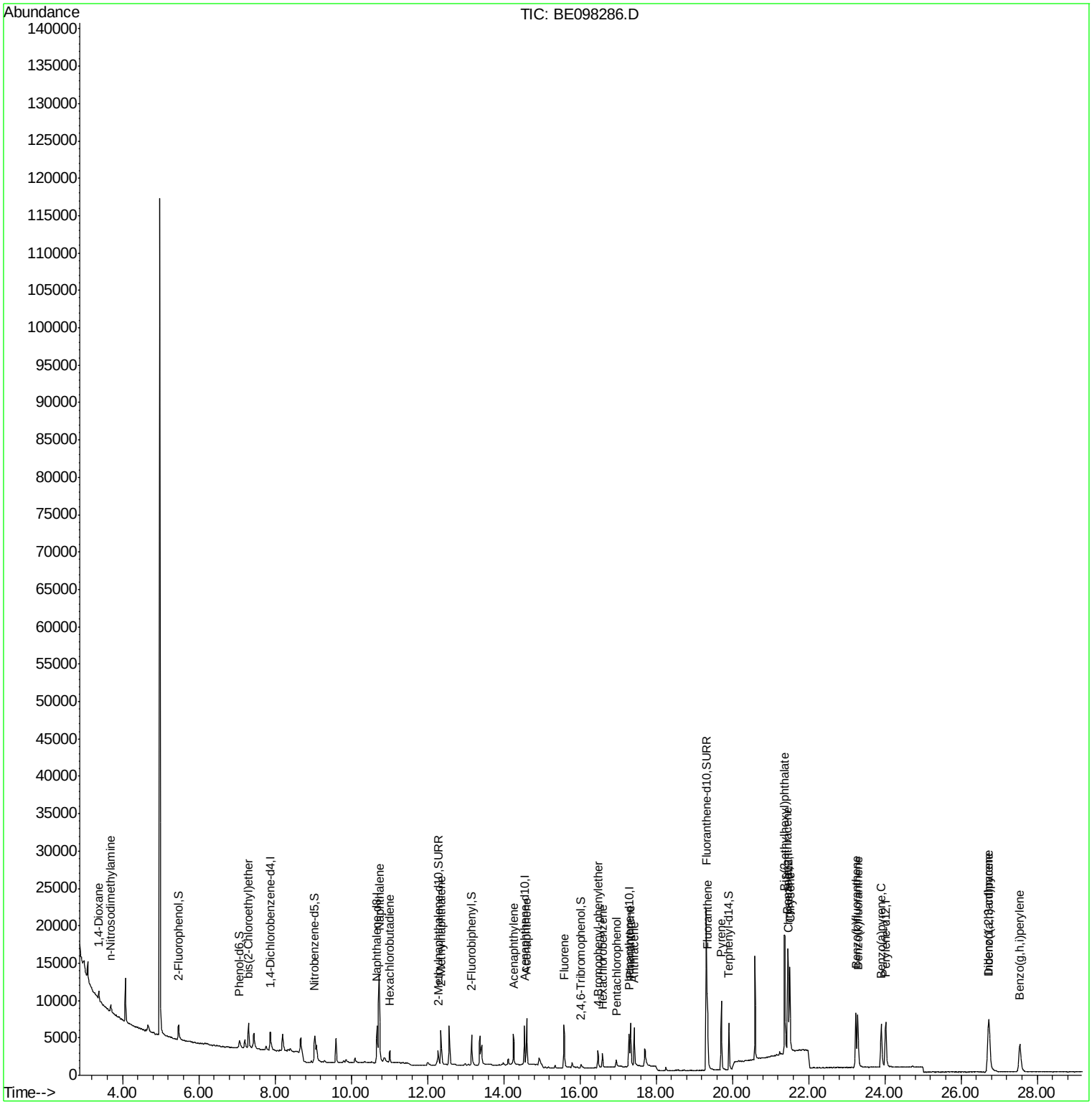
(#) = qualifier out of range (m) = manual integration (+) = signals summed

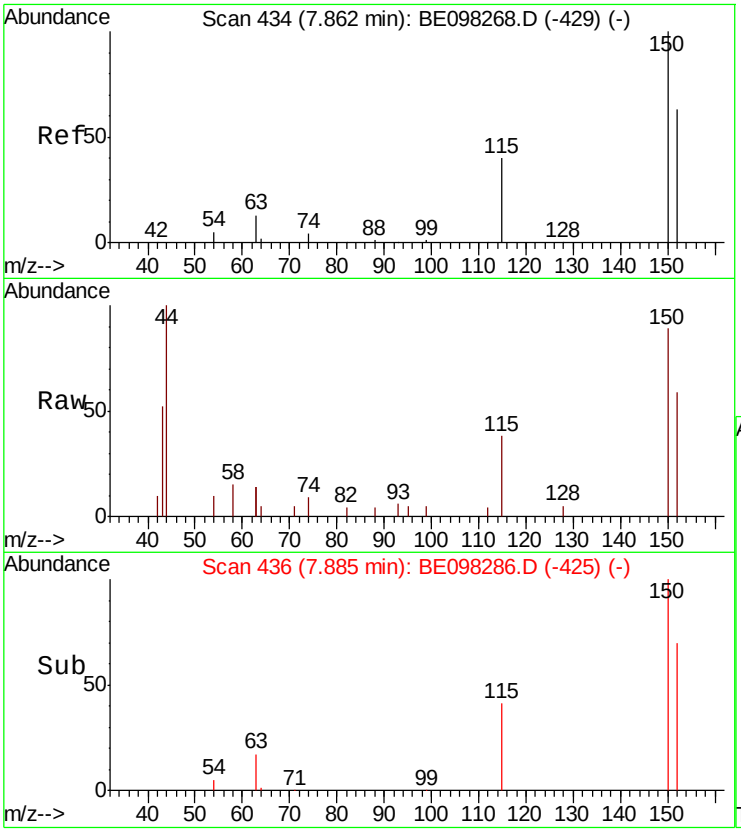
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE113018\
Data File : BE098286.D
Acq On : 30 Nov 2018 14:46
Operator : SJ/JU
Sample : PB115203BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Quant Time: Nov 30 15:17:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 13:50:43 2018
Response via : Initial Calibration



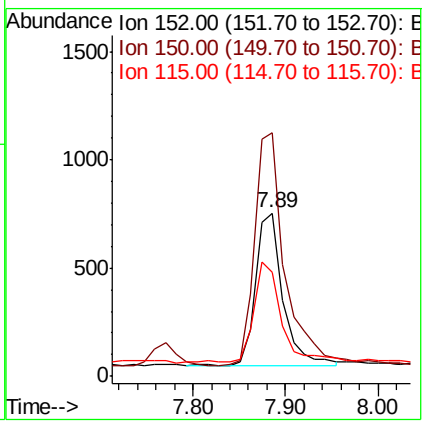


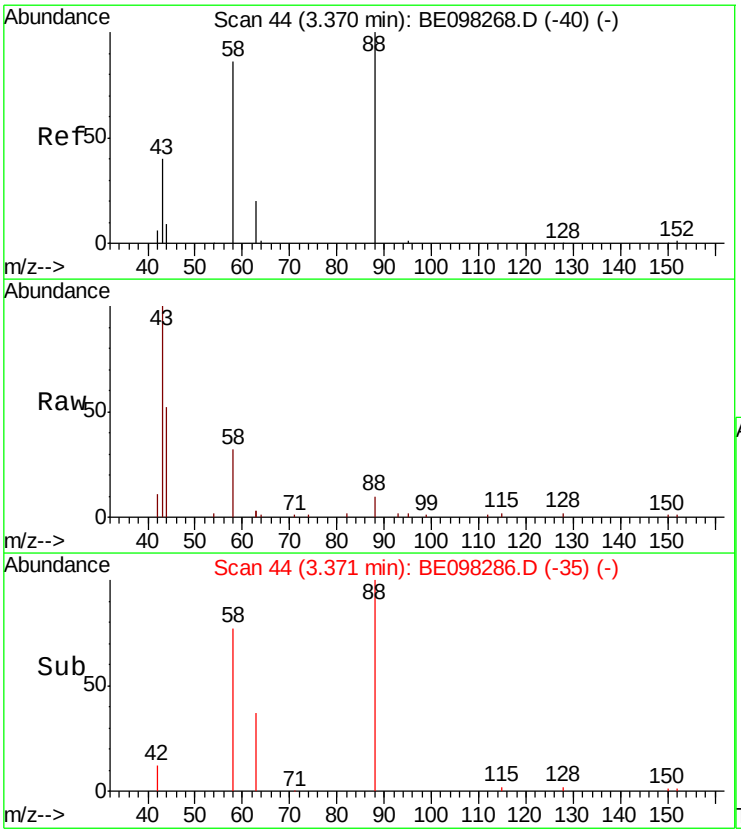
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:152 Resp: 1455

Ion	Ratio	Lower	Upper
152	100		
150	149.1	124.2	186.4
115	63.4	53.9	80.9

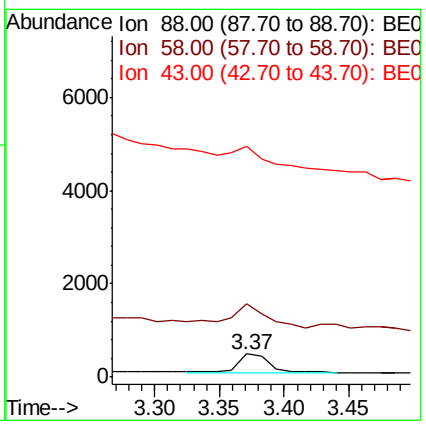


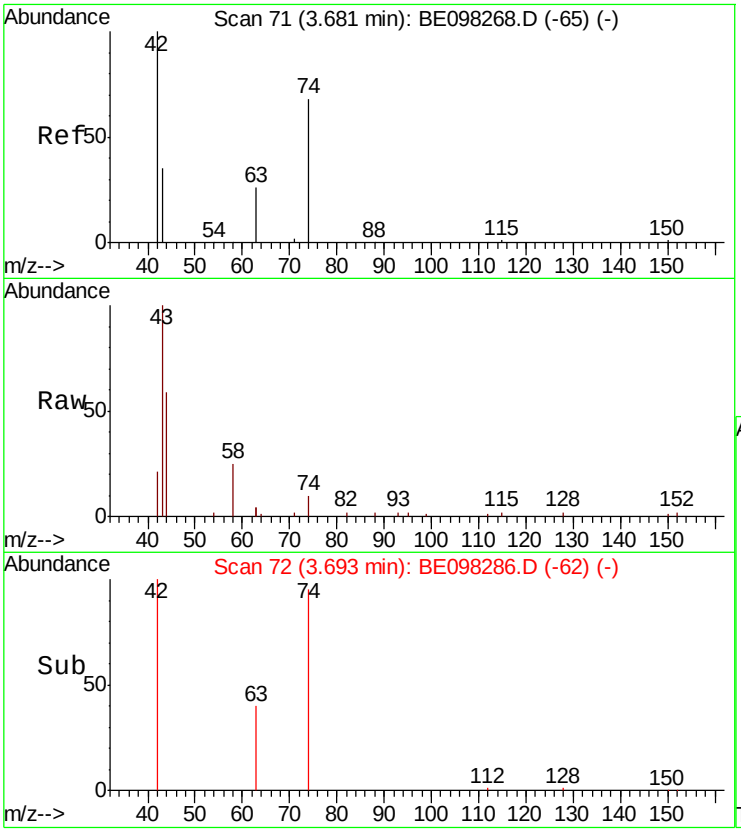


#2
1,4-Dioxane
Concen: 0.236 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion: 88 Resp: 638

Ion	Ratio	Lower	Upper
88	100		
58	131.5	75.0	112.6#
43	0.0	38.3	57.5#



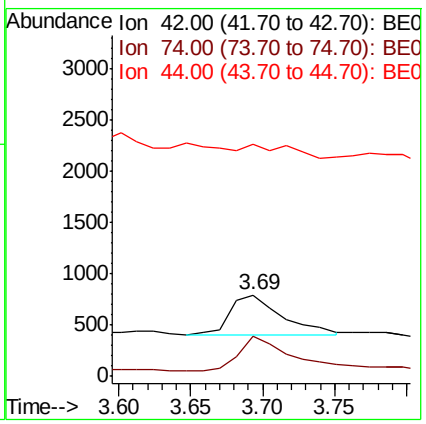


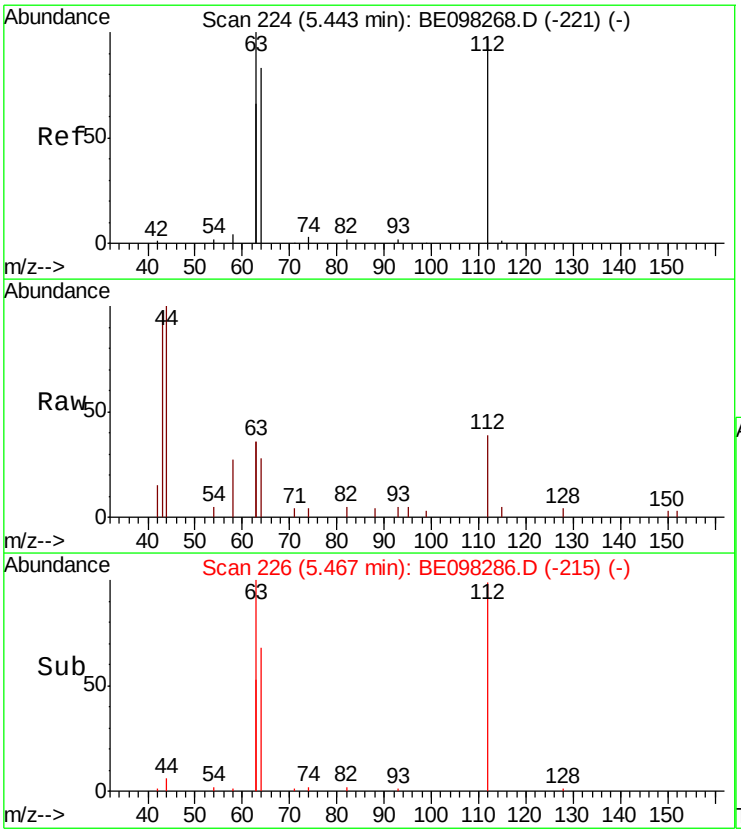
#3
n-Nitrosodimethylamine
Concen: 0.340 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion: 42 Resp: 950

Ion	Ratio	Lower	Upper
42	100		
74	81.8	0.0	0.0#
44	27.6	0.0	0.0#

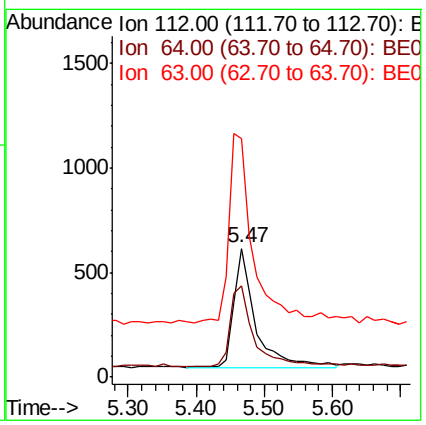


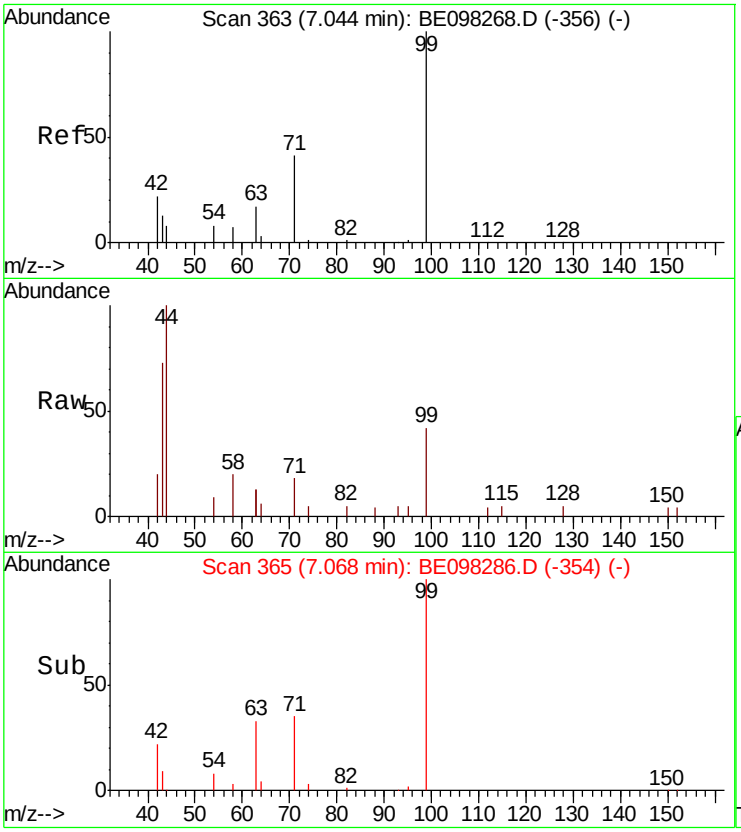


#4
2-Fluorophenol
Concen: 0.328 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:112 Resp: 1276

Ion	Ratio	Lower	Upper
112	100		
64	76.6	59.8	89.8
63	170.1	133.7	200.5



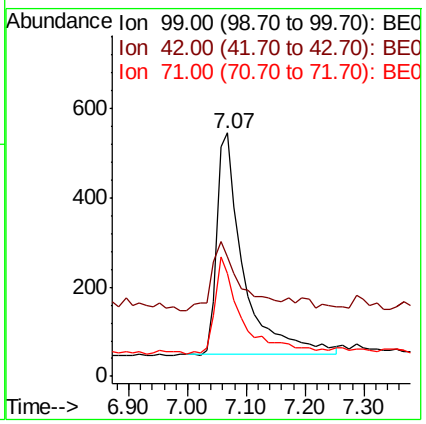


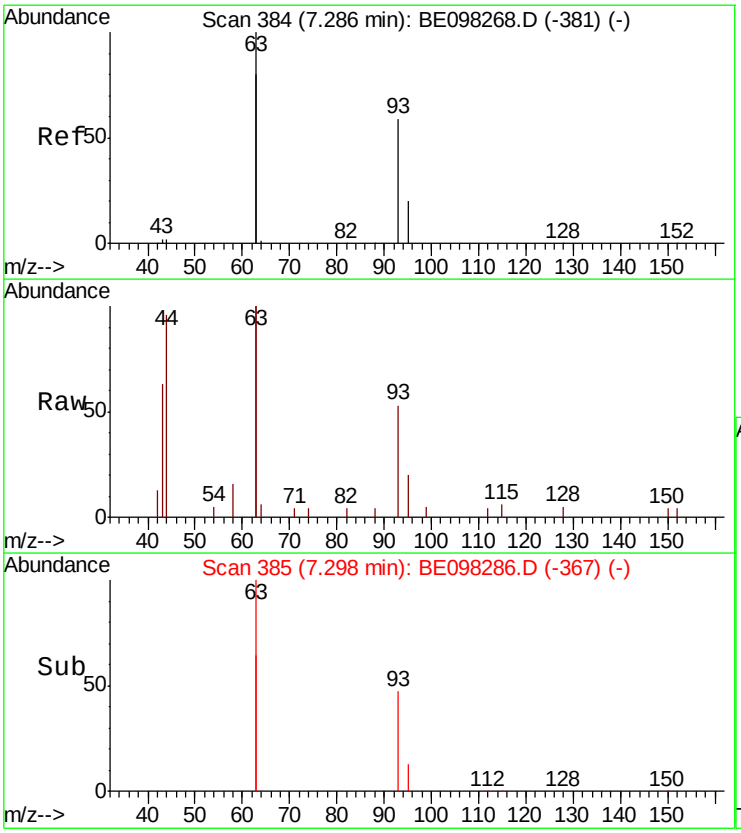
#5
Phenol-d6
Concen: 0.284 ng
RT: 7.07 min Scan# 365
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion: 99 Resp: 1556

Ion	Ratio	Lower	Upper
99	100		
42	33.7	26.3	39.5
71	43.8	33.6	50.4

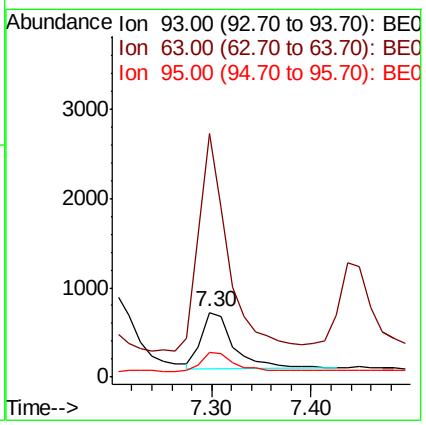


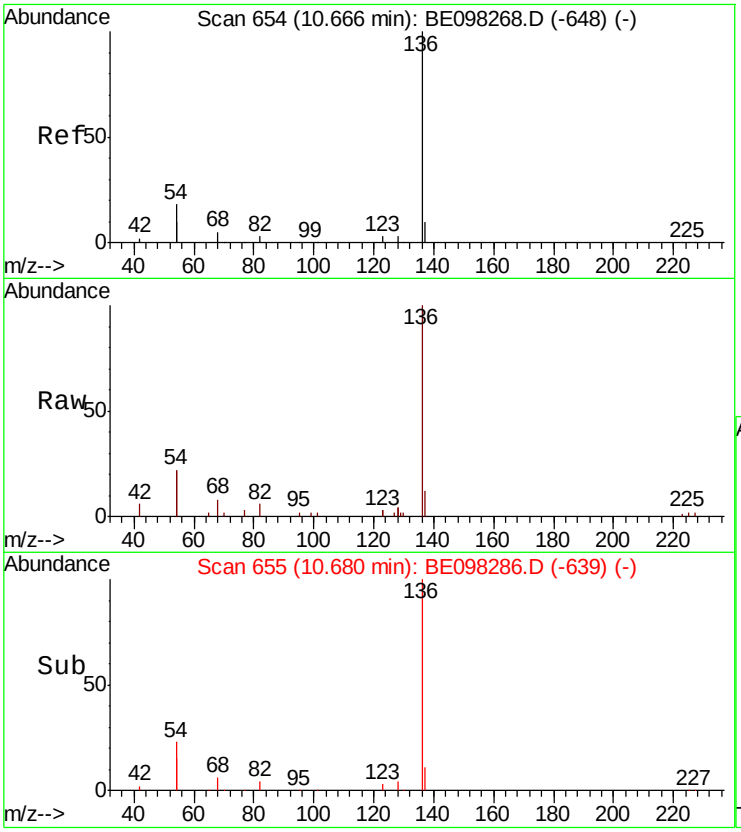


#6
bis(2-Chloroethyl)ether
Concen: 0.290 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion: 93 Resp: 1460

Ion	Ratio	Lower	Upper
93	100		
63	343.4	264.4	396.6
95	33.3	26.6	40.0



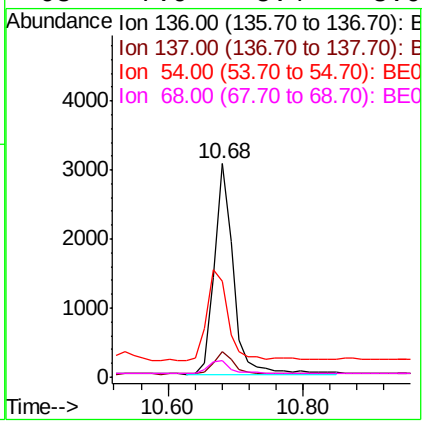


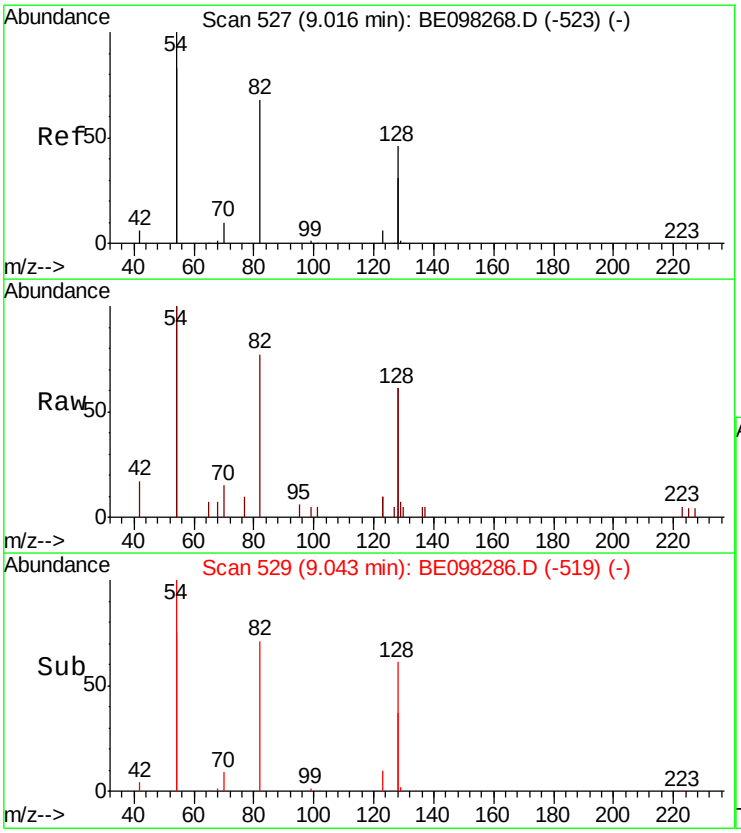
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:136 Resp: 5987

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	45.0	28.4	42.6#
68	7.9	5.4	8.0

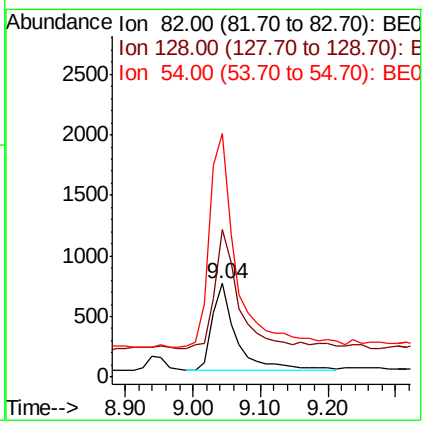


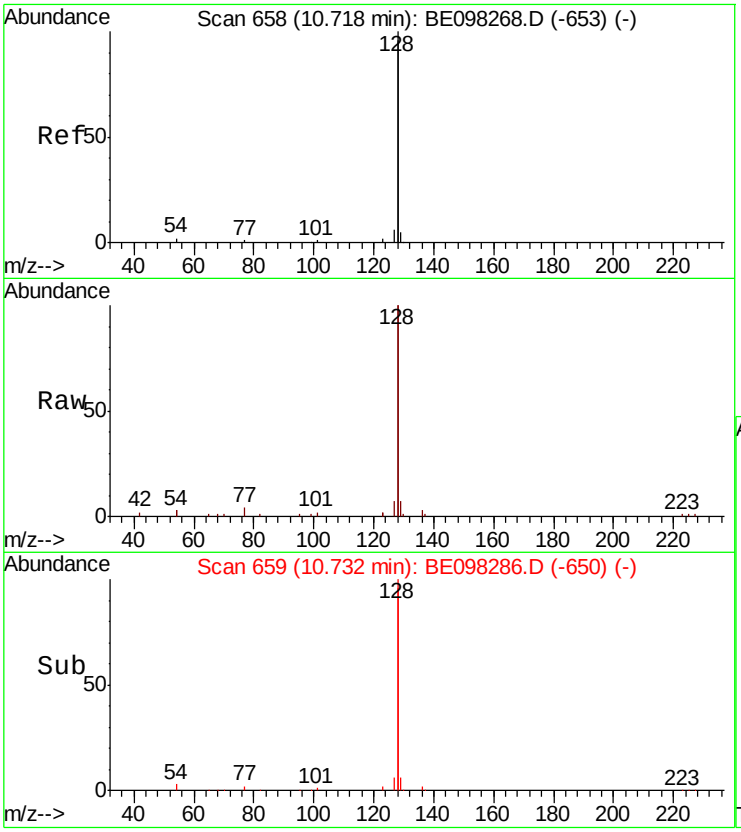


#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 9.04 min Scan# 529
Delta R.T. 0.03 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion: 82 Resp: 1768

Ion	Ratio	Lower	Upper
82	100		
128	157.8	102.4	153.6#
54	260.4	221.8	332.8



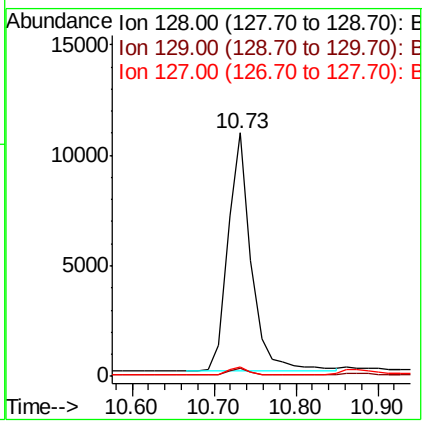


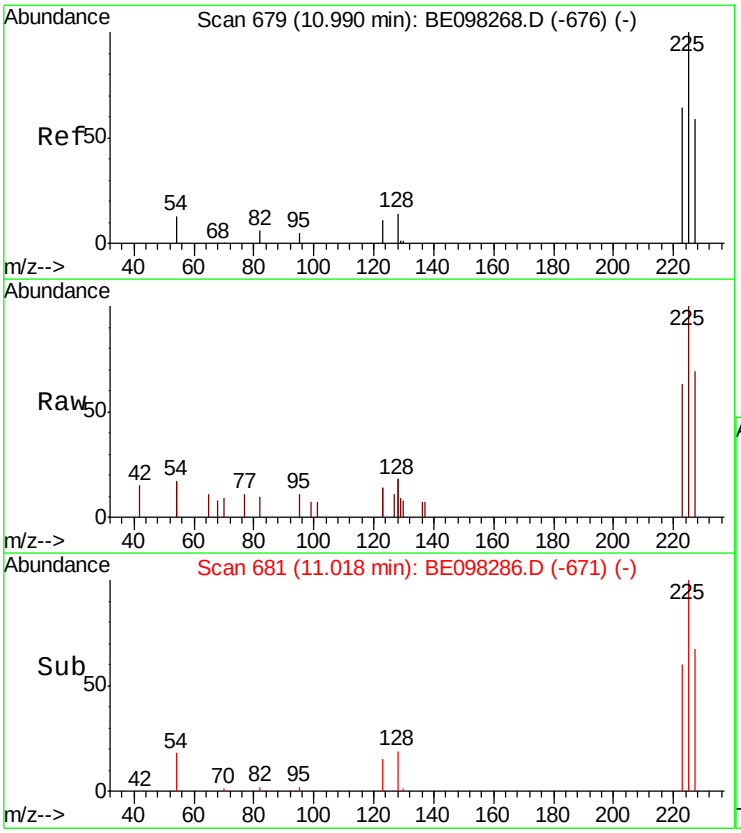
#9
Naphthalene
Concen: 0.356 ng
RT: 10.73 min Scan# 659
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:128 Resp: 21400

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.7	2.7	4.1

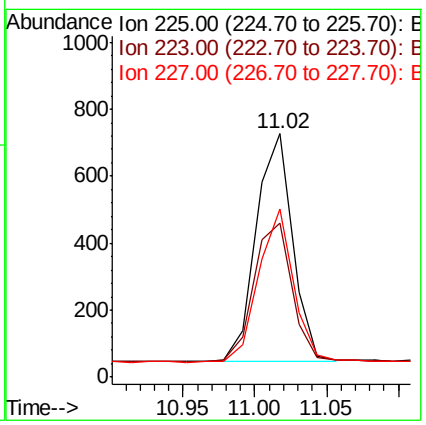


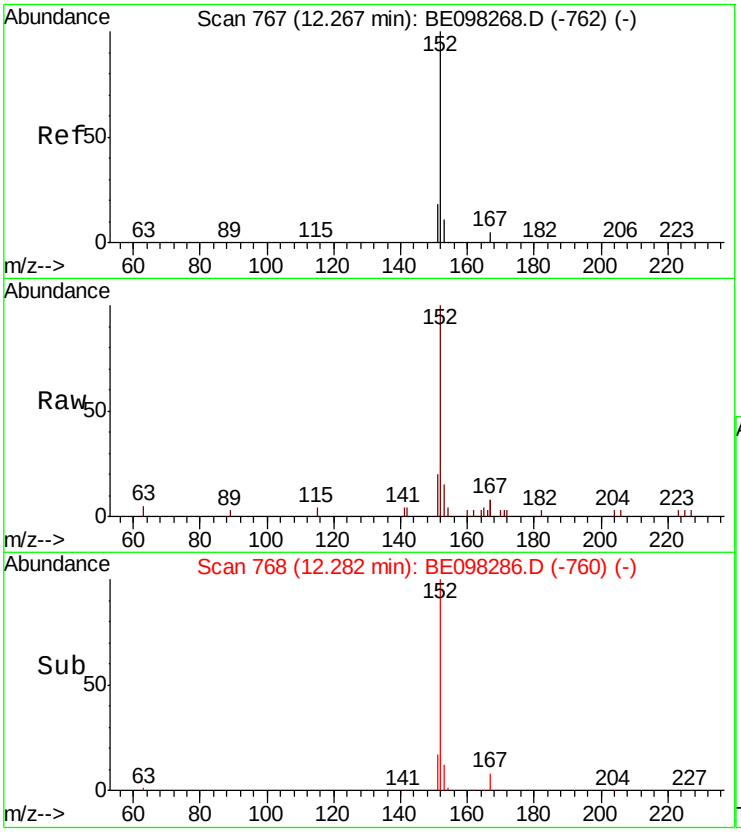


#10
Hexachlorobutadiene
Concen: 0.312 ng
RT: 11.02 min Scan# 681
Delta R.T. 0.03 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:225 Resp: 1205

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.0
227	64.4	52.0	78.0



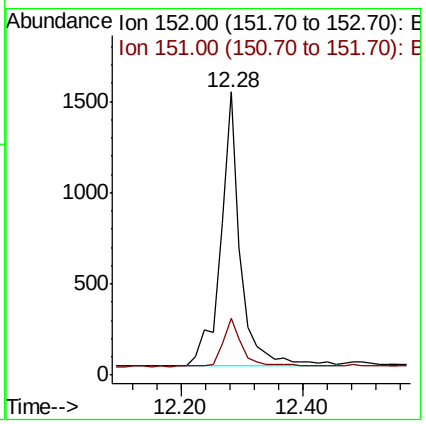


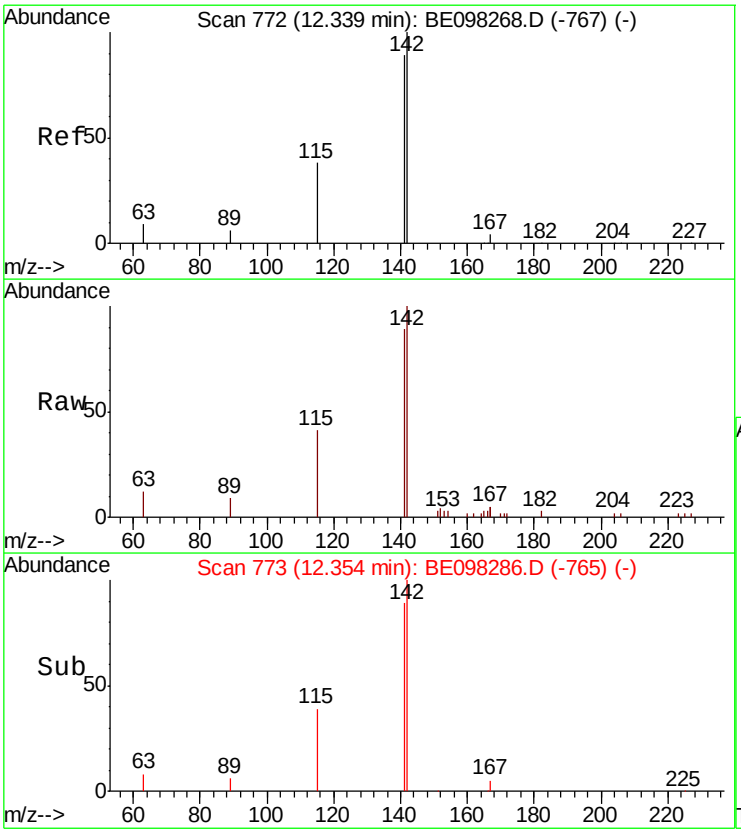
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:152 Resp: 3396

Ion	Ratio	Lower	Upper
152	100		
151	17.2	16.2	24.4

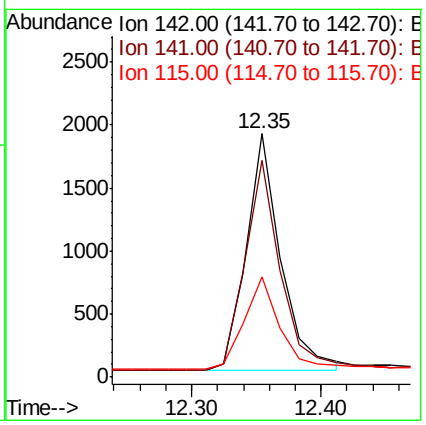


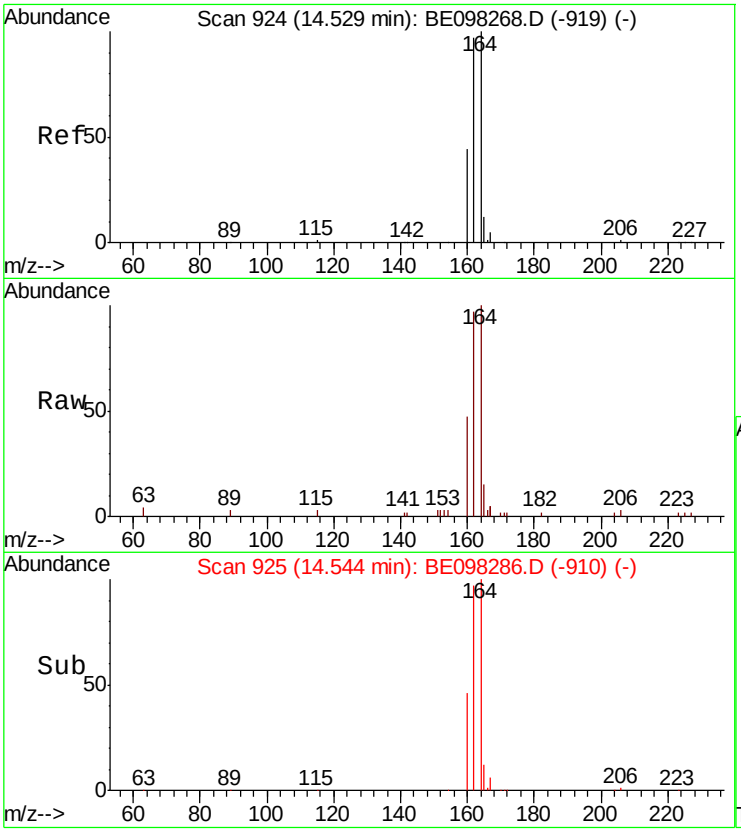


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:142 Resp: 3465

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	41.4	32.2	48.2



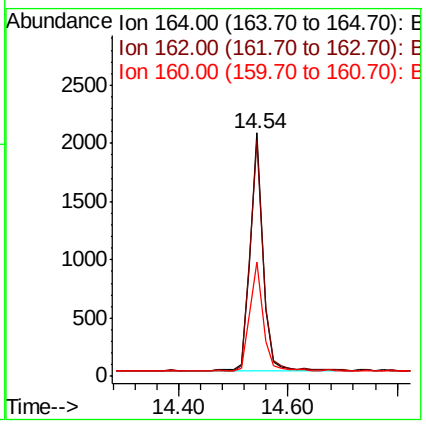


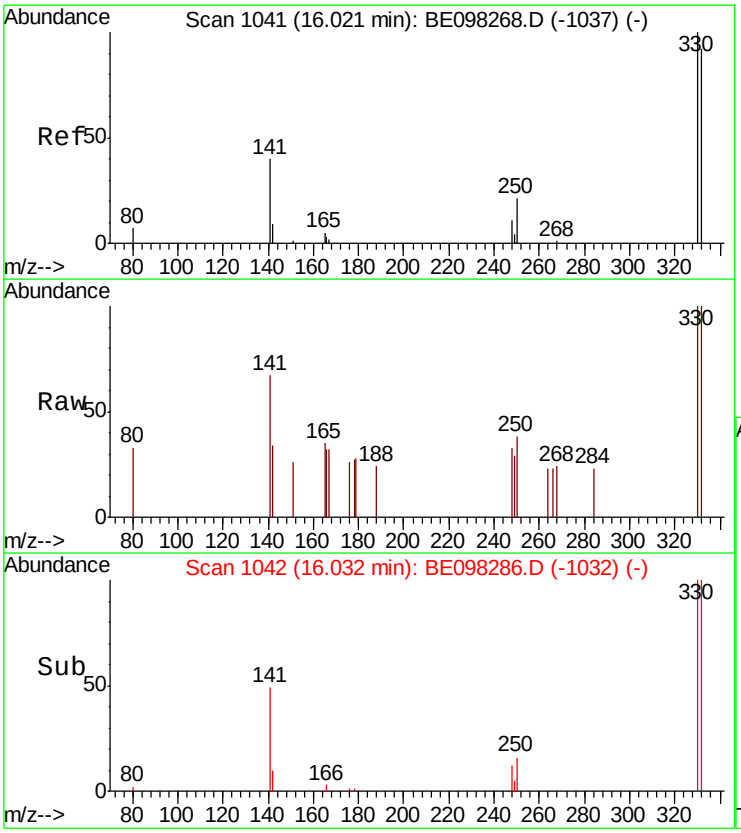
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:164 Resp: 3209

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.6	116.4
160	46.8	36.0	54.0

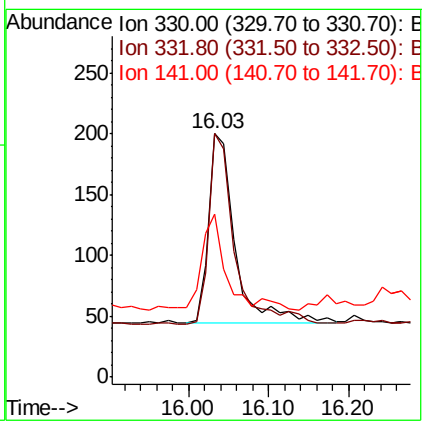


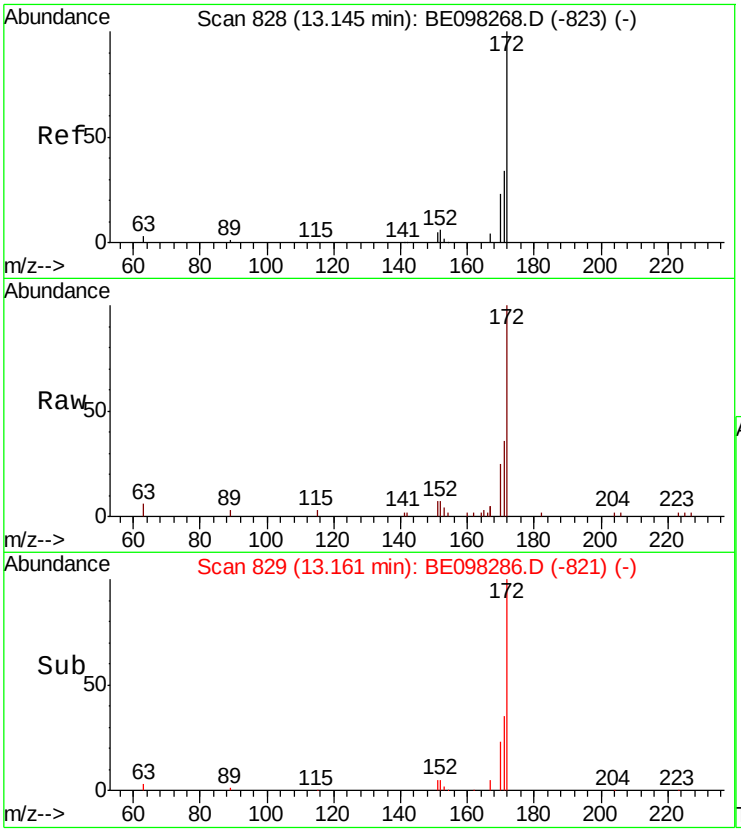


#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:330 Resp: 357

Ion	Ratio	Lower	Upper
330	100		
332	100.3	76.2	114.4
141	48.2	39.0	58.4



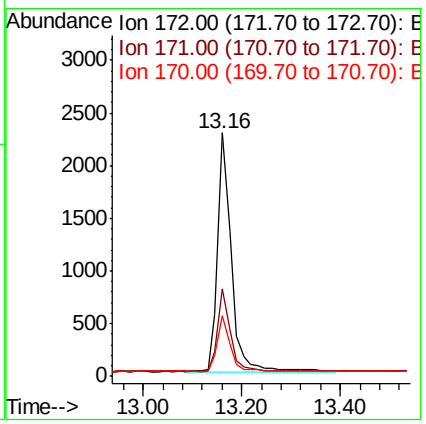


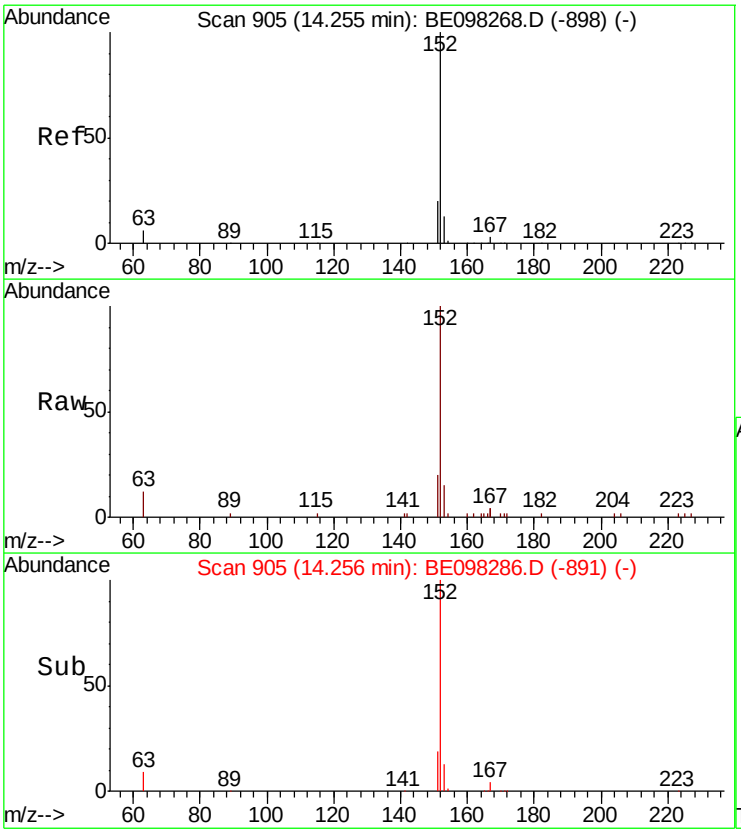
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:172 Resp: 4287

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.5	41.3
170	25.0	19.6	29.4

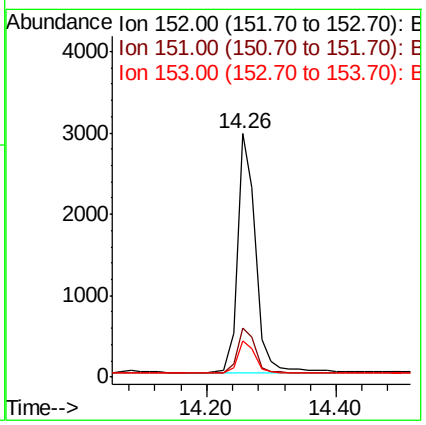


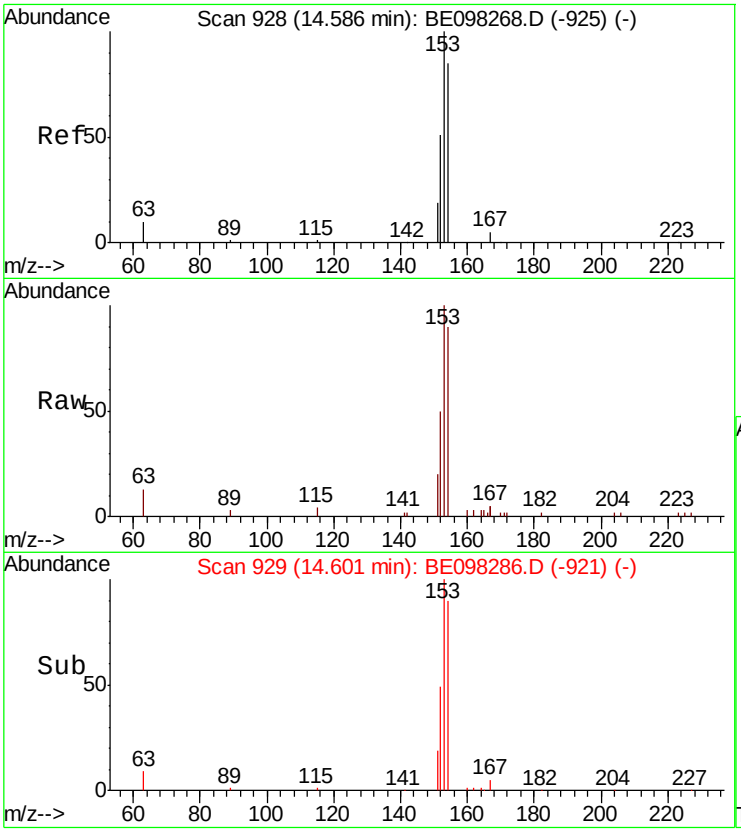


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:152 Resp: 5613

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.5	23.3
153	13.1	10.6	16.0



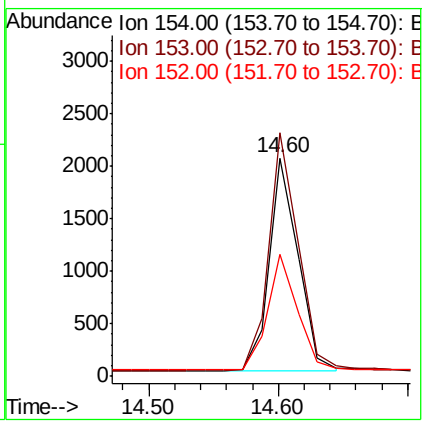


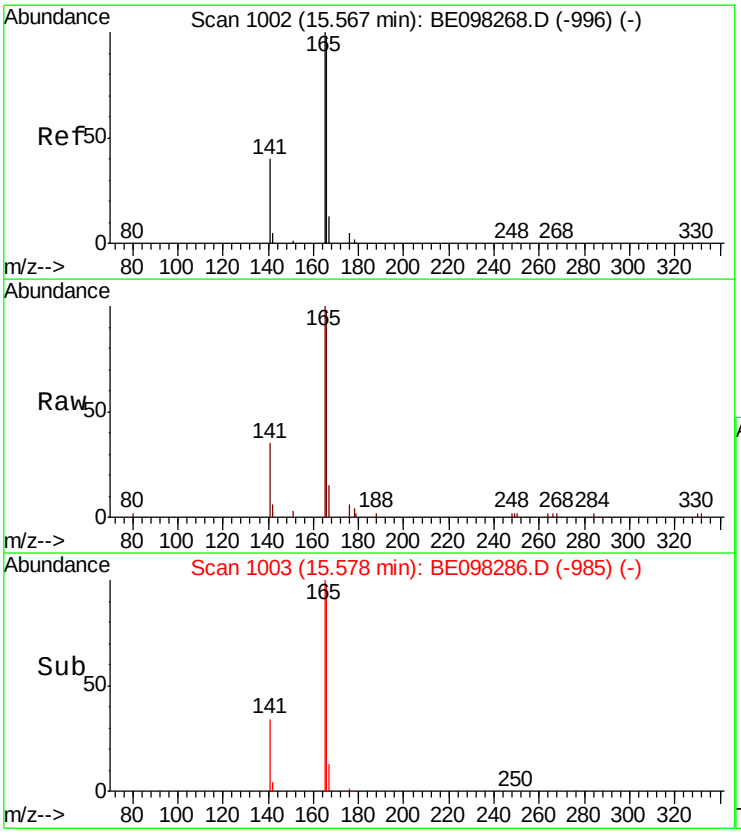
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.02 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:154 Resp: 3140

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.8	137.6
152	56.5	45.5	68.3

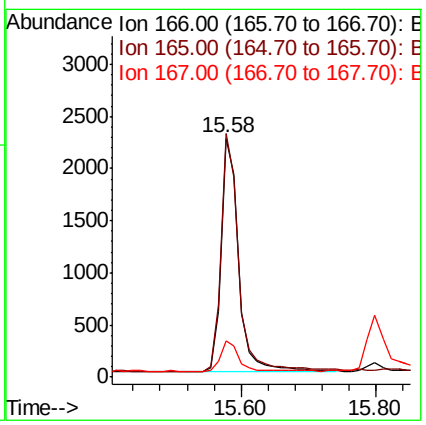


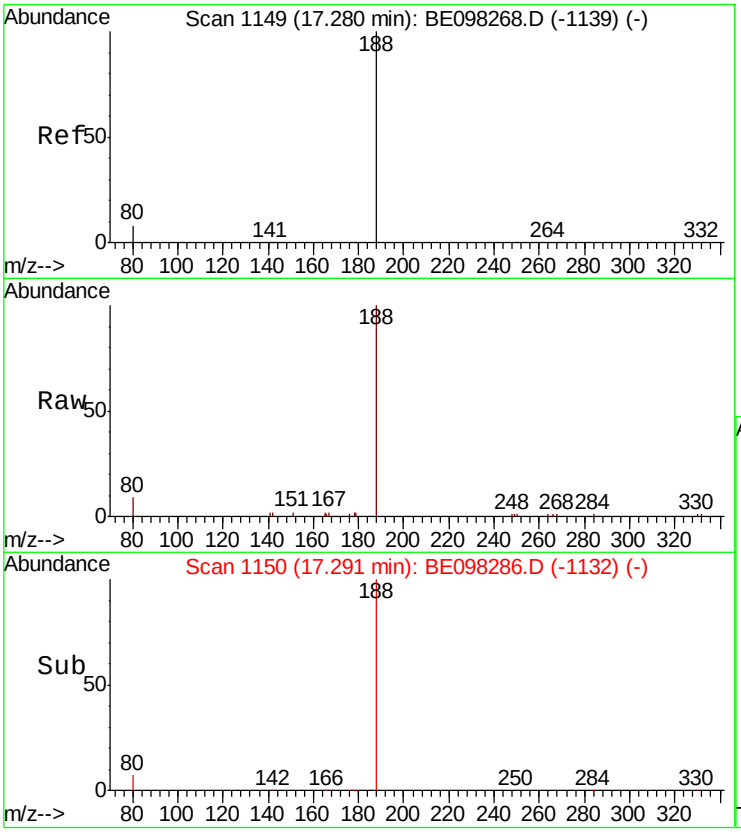


#18
Fluorene
Concen: 0.351 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:166 Resp: 4150

Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.3	118.9
167	13.2	11.3	16.9



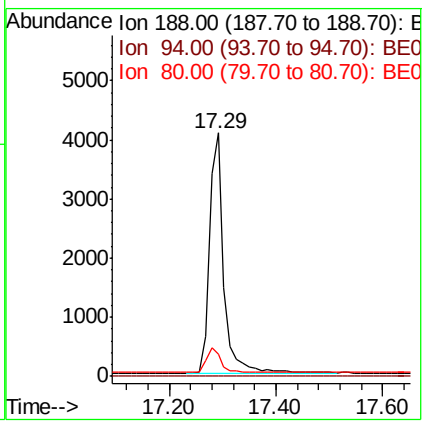


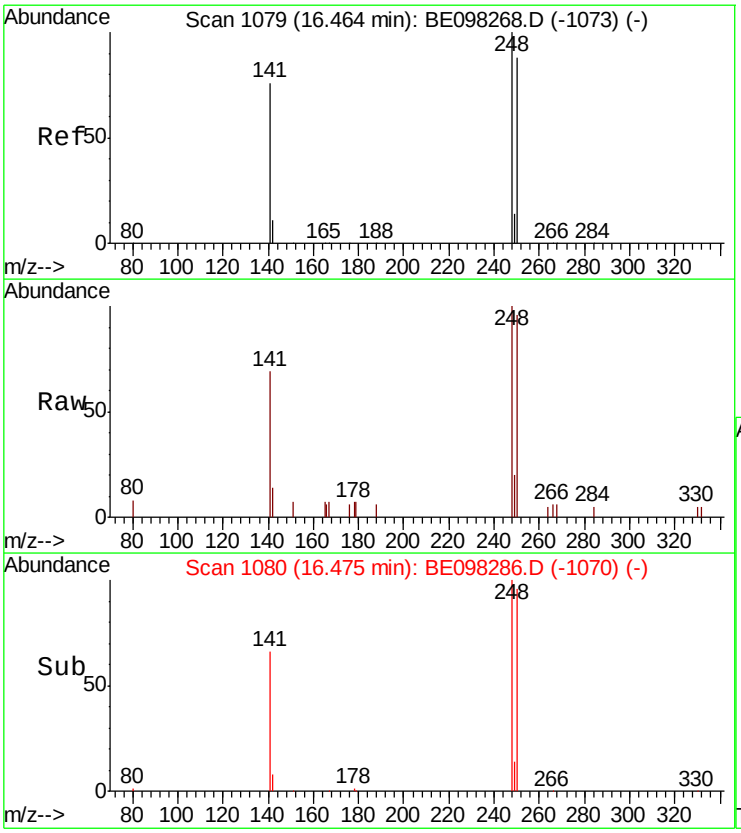
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:188 Resp: 7716

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.2	10.8

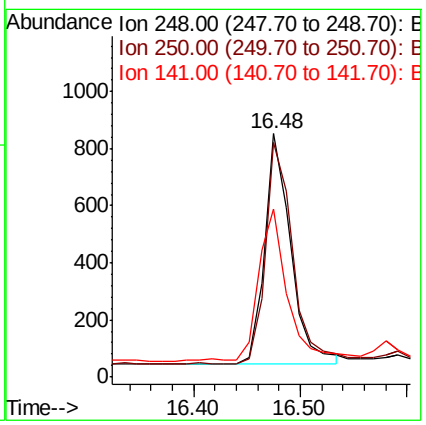


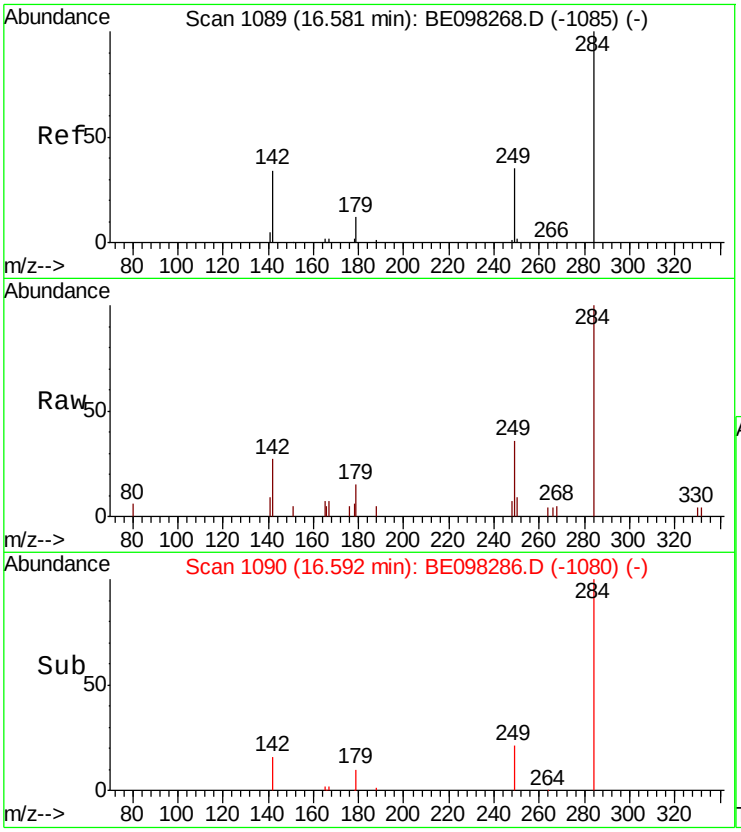


#20
4-Bromophenyl-phenylether
Concen: 0.319 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:248 Resp: 1393

Ion	Ratio	Lower	Upper
248	100		
250	96.1	71.0	106.6
141	68.9	62.1	93.1



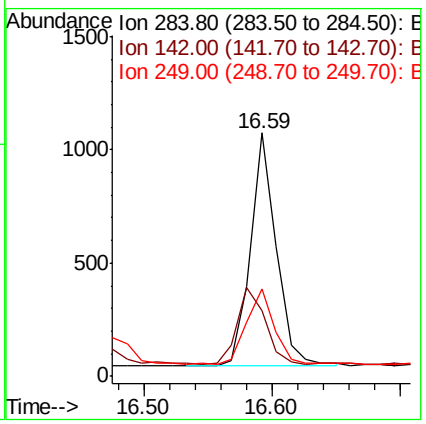


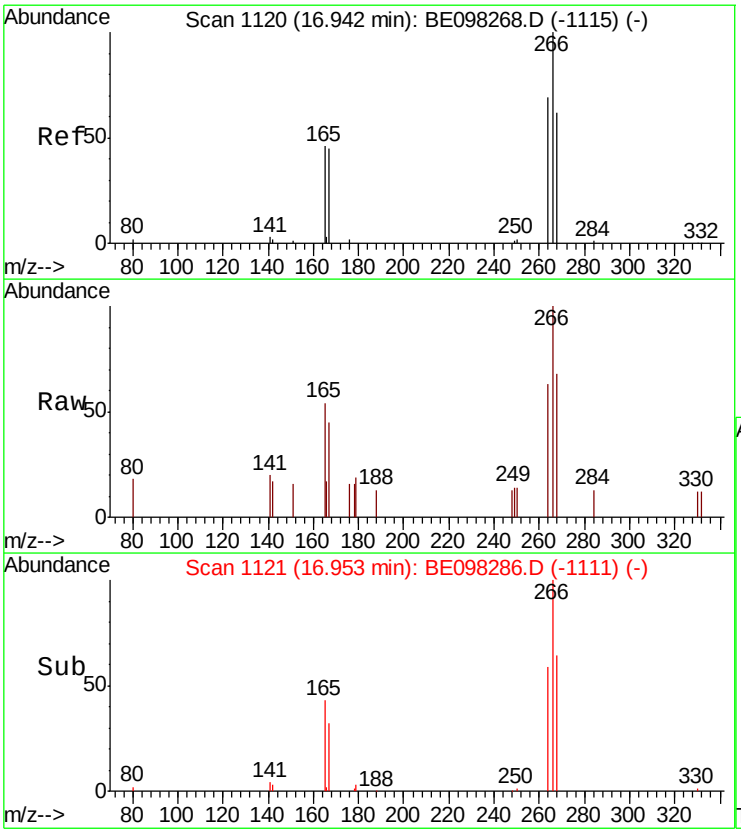
#21
Hexachlorobenzene
Concen: 0.321 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:284 Resp: 1450

Ion	Ratio	Lower	Upper
284	100		
142	36.1	26.3	39.5
249	33.4	26.0	39.0

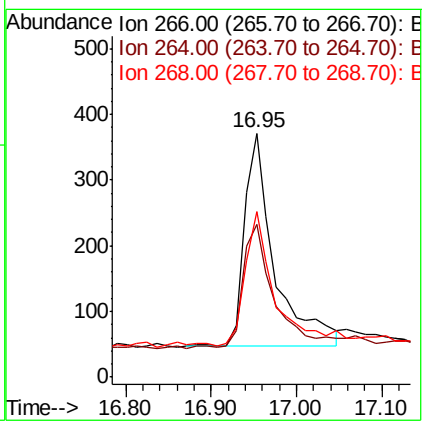


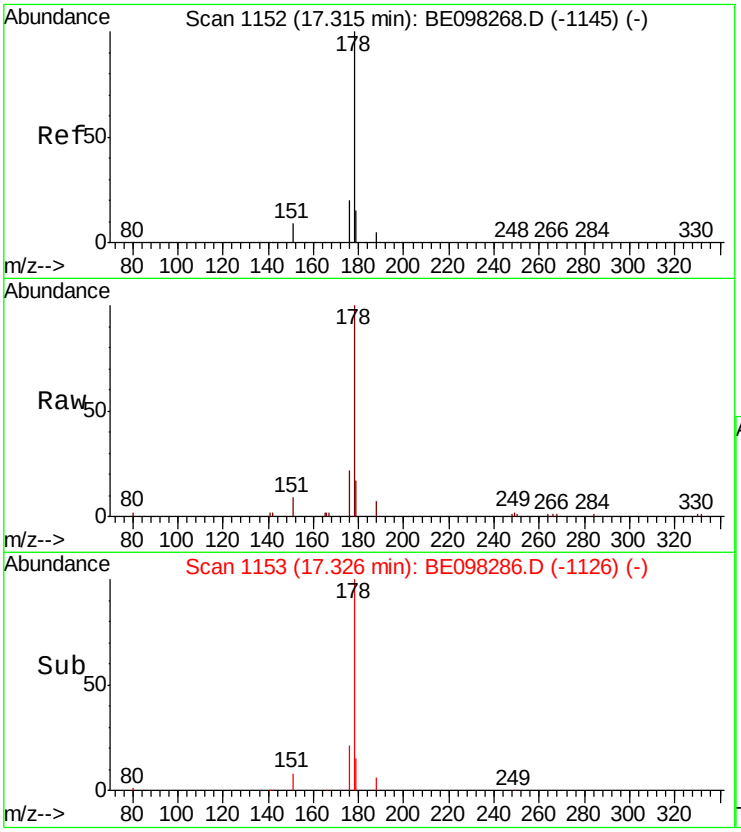


#22
Pentachlorophenol
Concen: 0.531 ng
RT: 16.95 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:266 Resp: 794

Ion	Ratio	Lower	Upper
266	100		
264	62.5	59.0	88.4
268	67.9	55.1	82.7



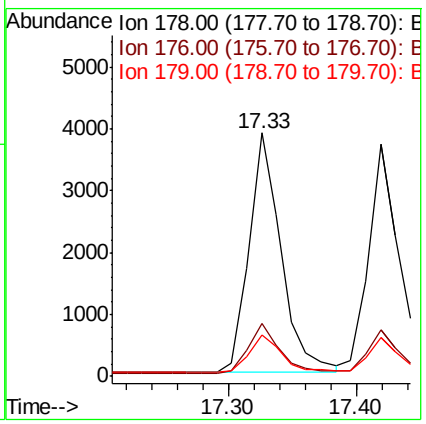


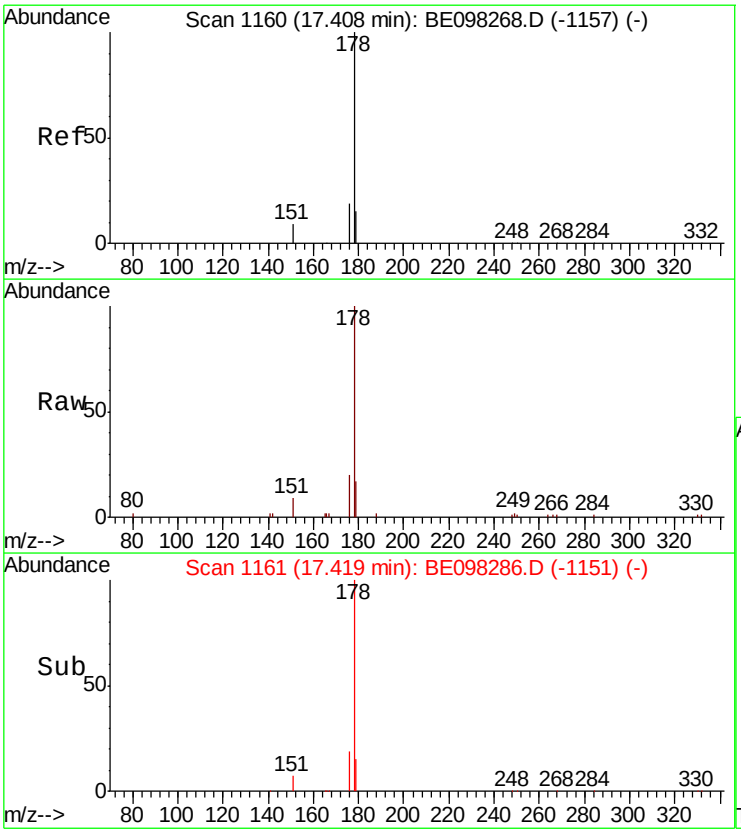
#23
Phenanthrene
Concen: 0.354 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:178 Resp: 6785

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.9	12.3	18.5

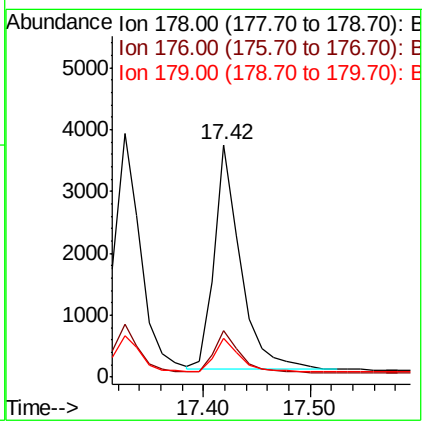


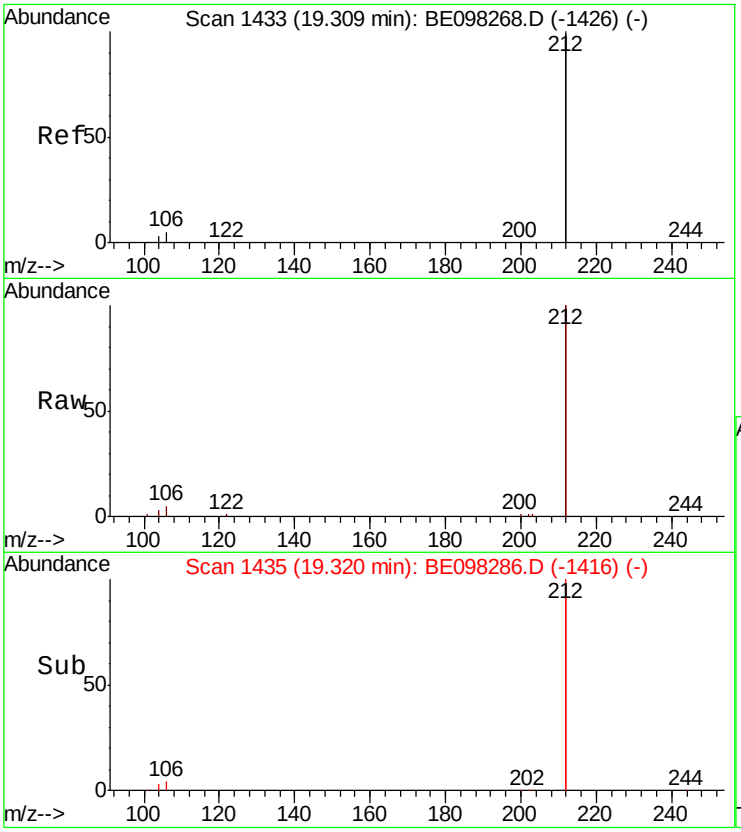


#24
Anthracene
Concen: 0.349 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:178 Resp: 6221

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	14.3	12.3	18.5



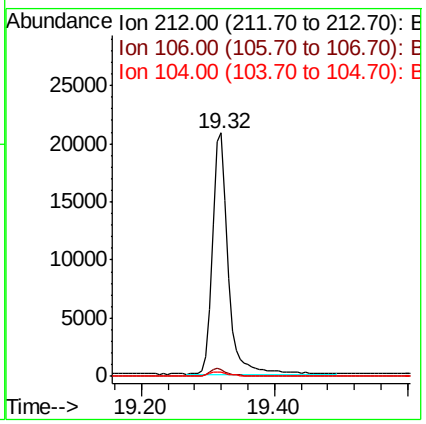


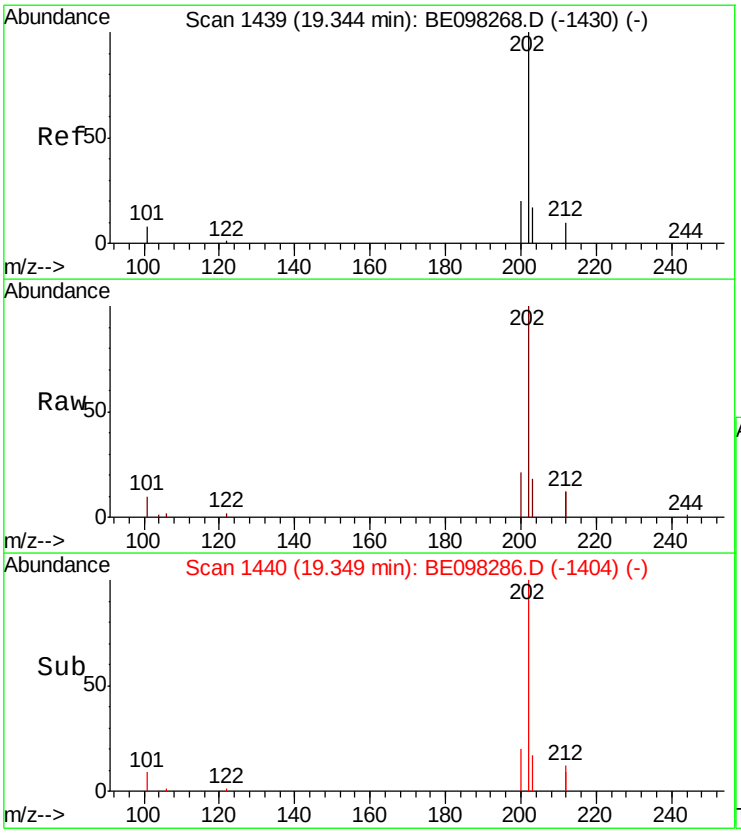
#25
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.32 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:212 Resp: 33595

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.6	1.3	1.9

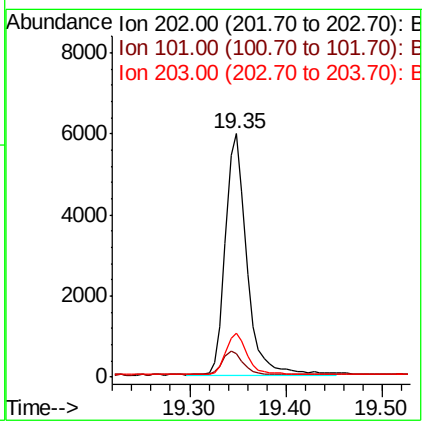


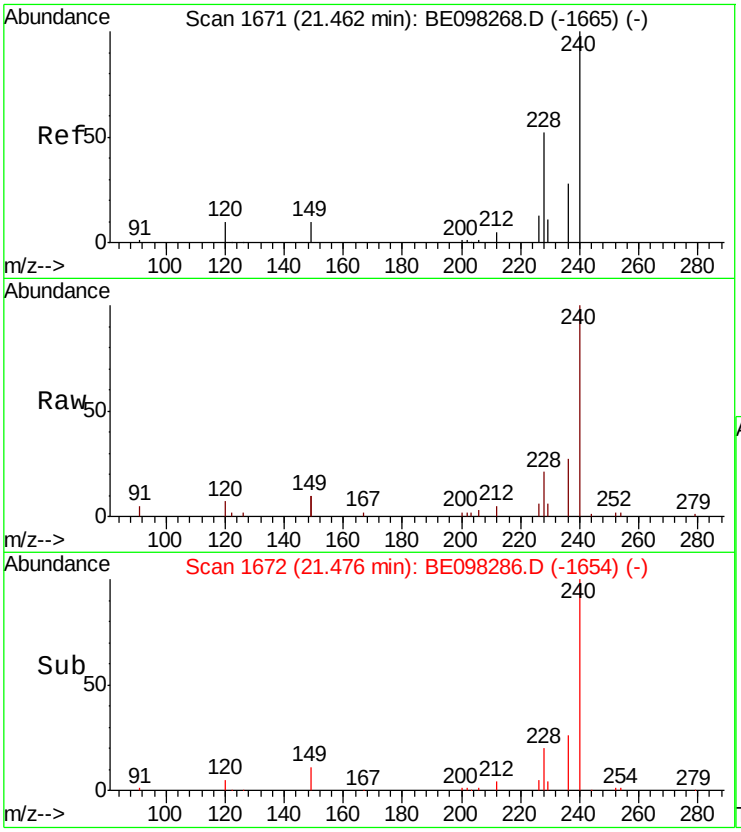


#26
Fluoranthene
Concen: 0.351 ng
RT: 19.35 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:202 Resp: 9188

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.0	12.0
203	16.9	13.8	20.6



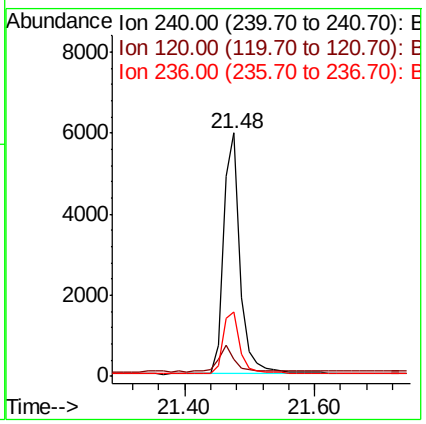


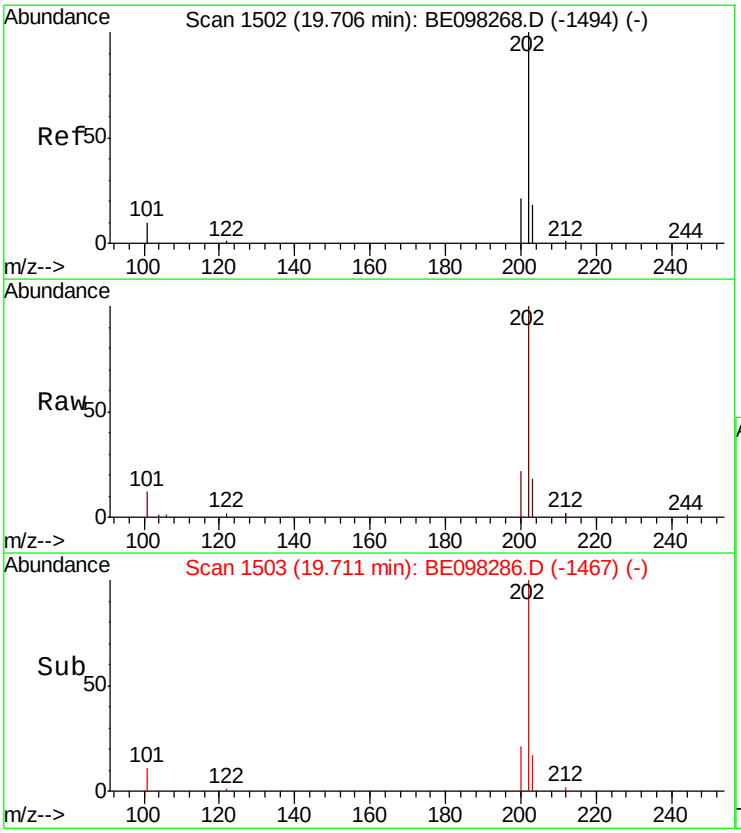
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.48 min Scan# 1672
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:240 Resp: 10744

Ion	Ratio	Lower	Upper
240	100		
120	6.9	9.5	14.3#
236	26.5	22.7	34.1

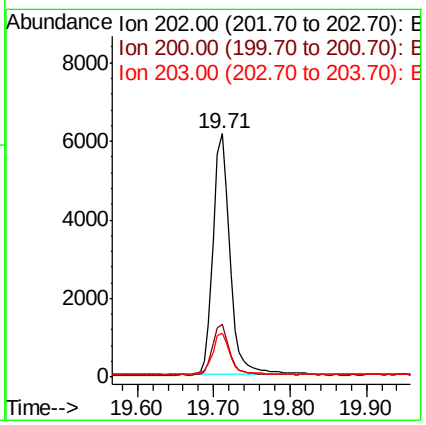


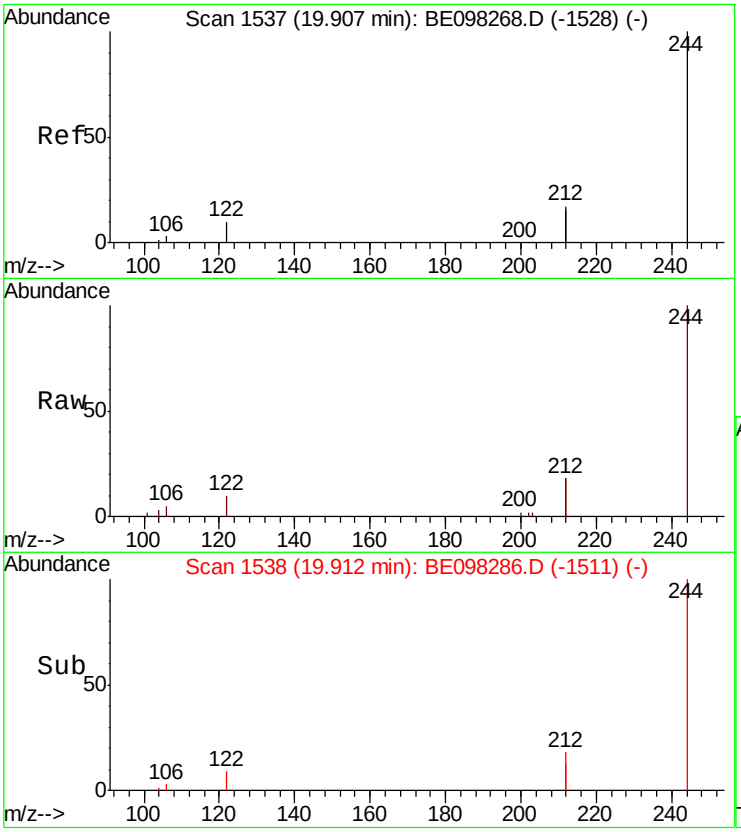


#28
Pyrene
Concen: 0.319 ng
RT: 19.71 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:202 Resp: 9494

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.6	14.1	21.1



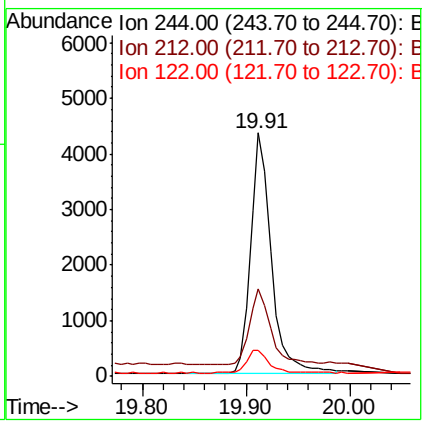


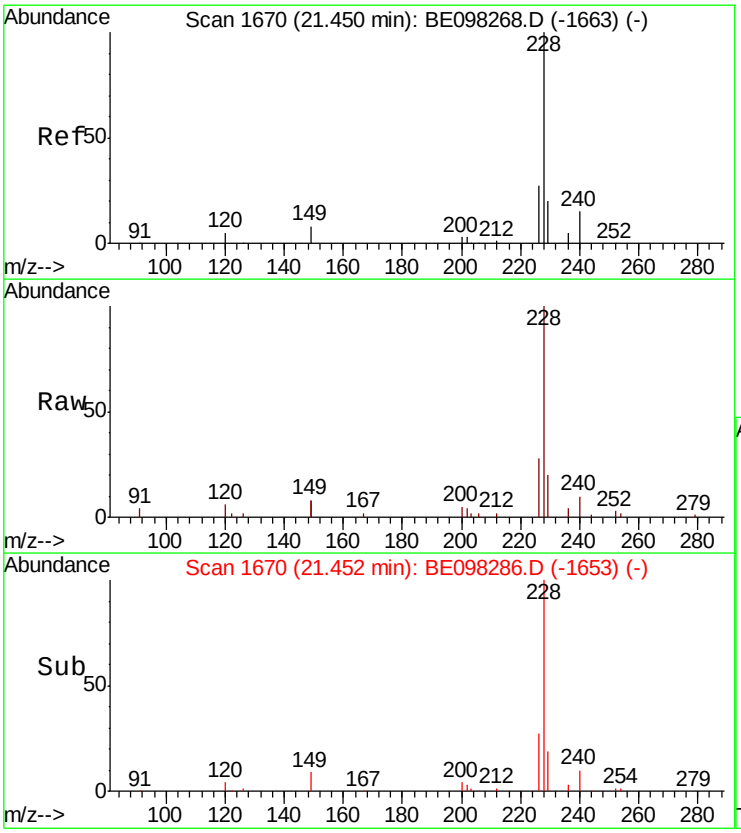
#29
Terphenyl-d14
Concen: 0.249 ng
RT: 19.91 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:244 Resp: 6006

Ion	Ratio	Lower	Upper
244	100		
212	36.0	27.4	41.0
122	10.4	8.3	12.5

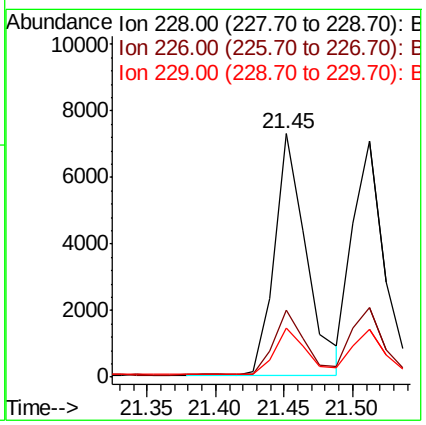


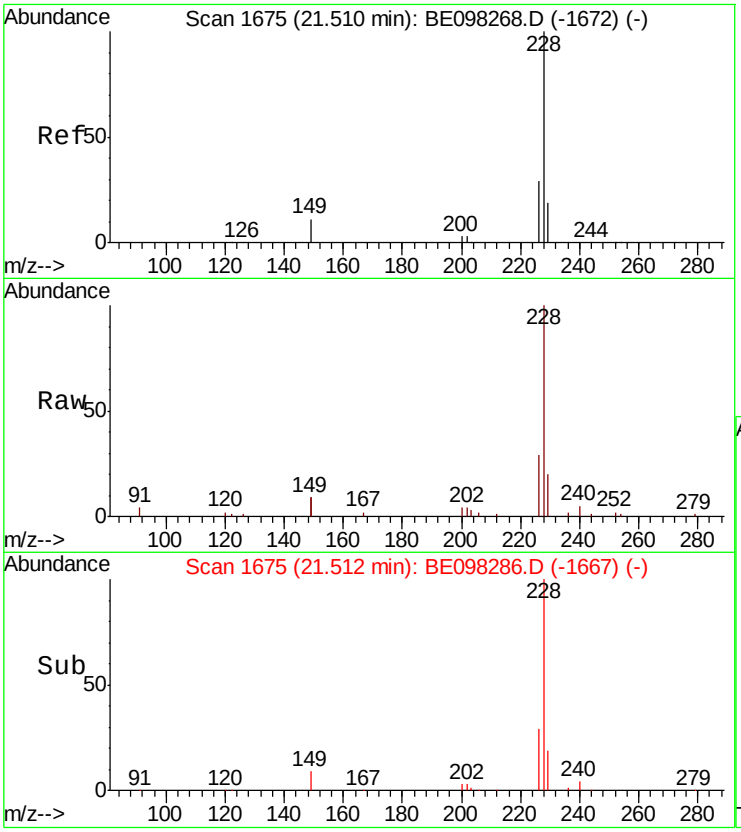


#30
Benzo(a)anthracene
Concen: 0.370 ng
RT: 21.45 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:228 Resp: 11695

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.2	16.3	24.5



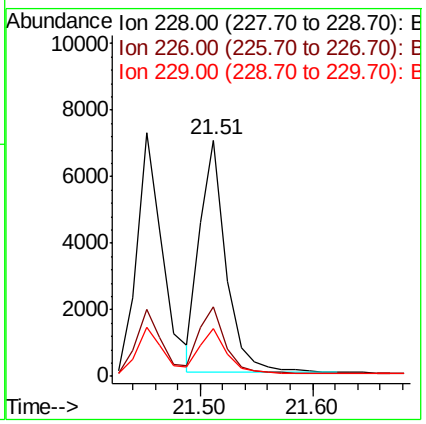


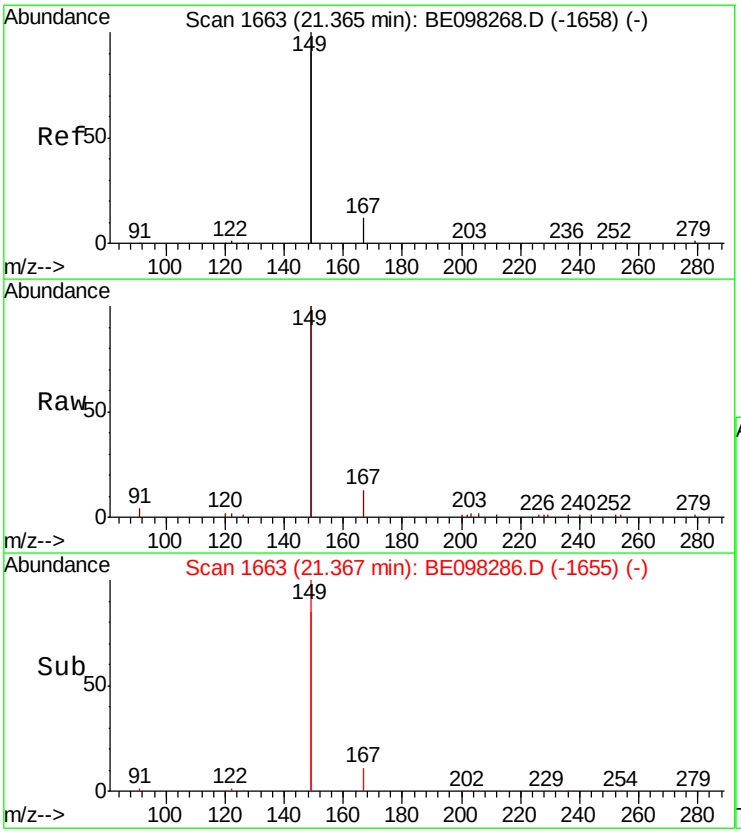
#31
Chrysene
Concen: 0.351 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:228 Resp: 11284

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	20.2	16.2	24.4

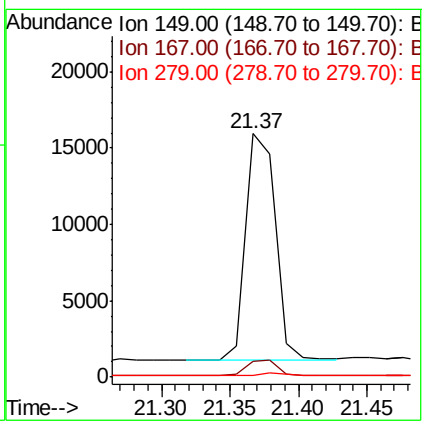


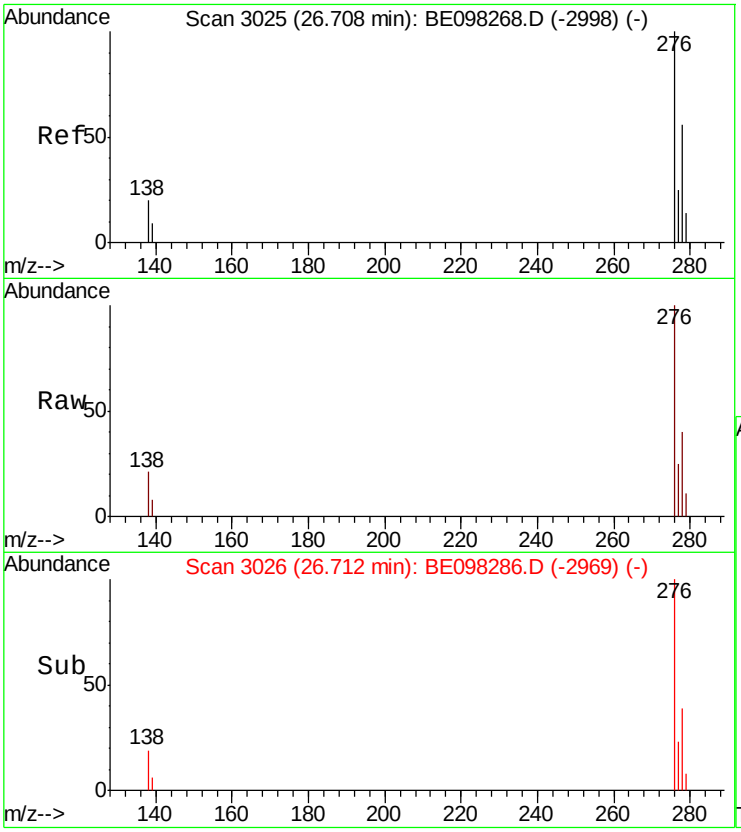


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.37 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:149 Resp: 22435

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.7	8.5
279	1.2	1.0	1.4



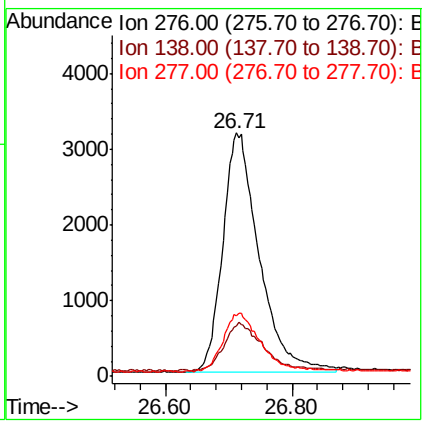


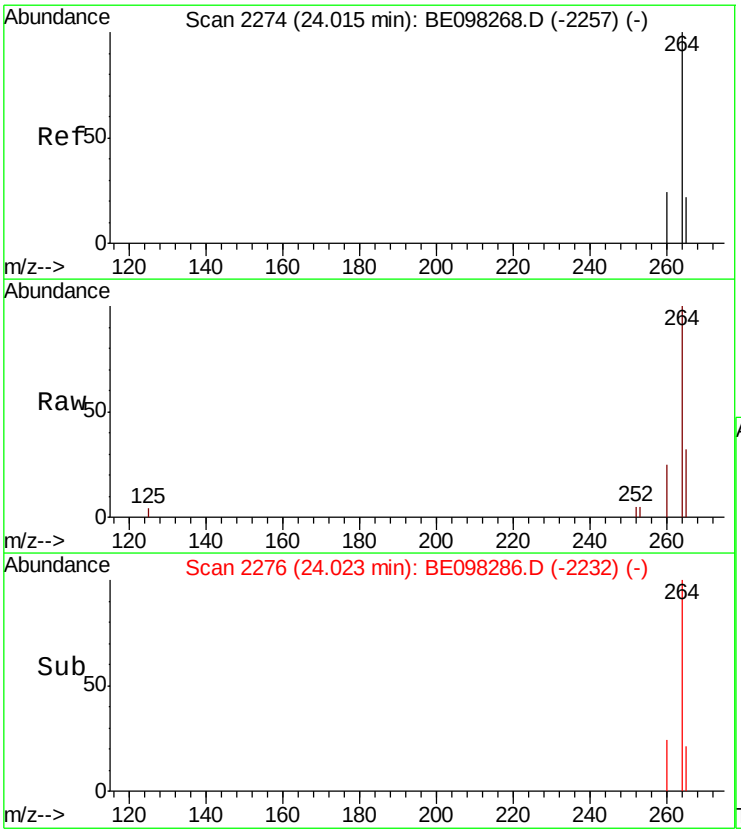
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.71 min Scan# 3026
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:276 Resp: 12616

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.3	24.5
277	24.7	20.2	30.4

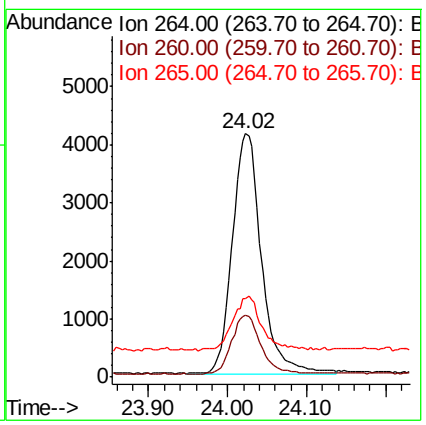


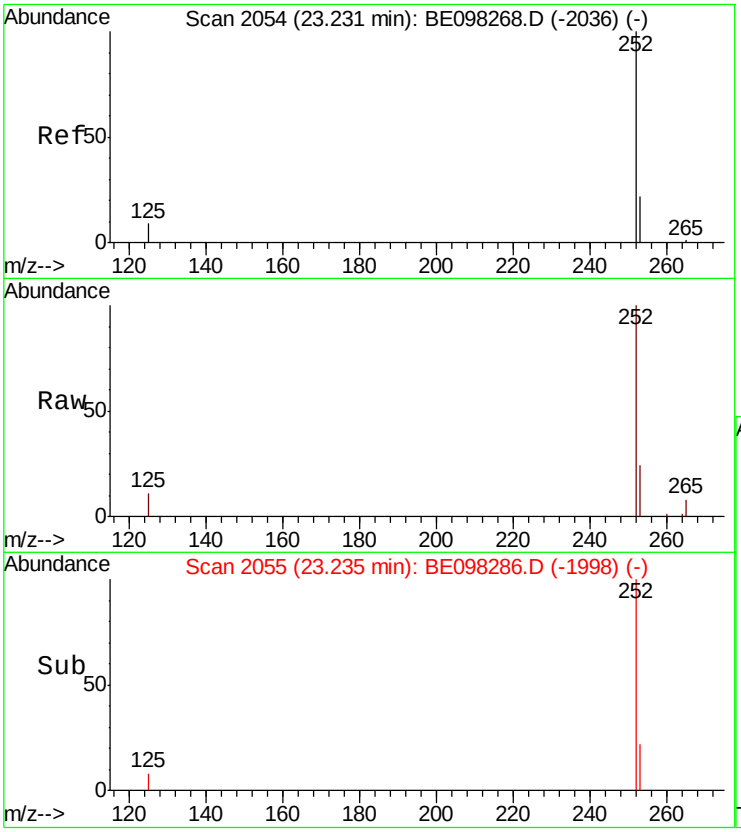


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:264 Resp: 10568

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	32.2	25.2	37.8



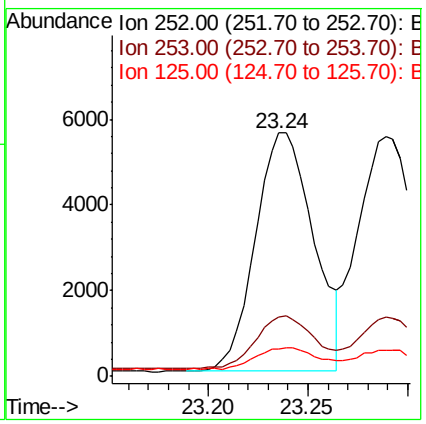


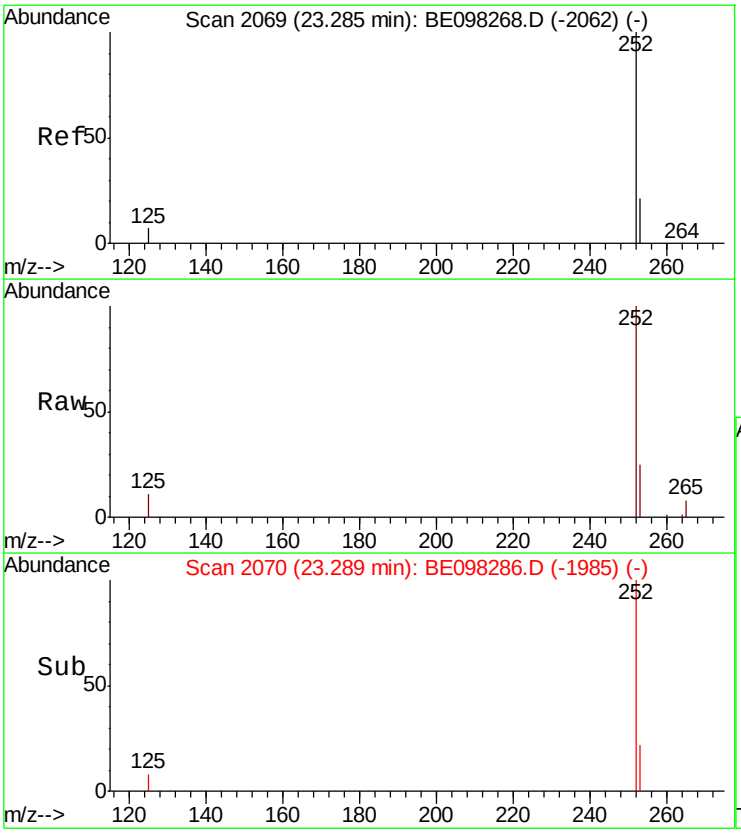
#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.24 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:252 Resp: 11333

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.0	30.0
125	11.4	9.6	14.4

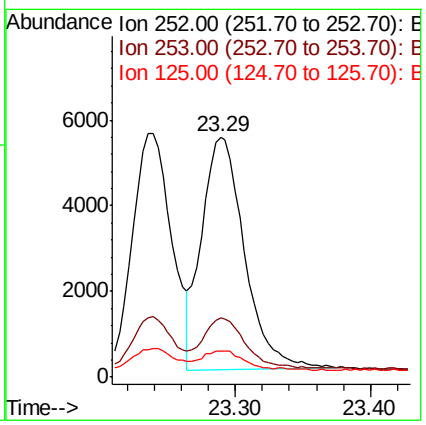


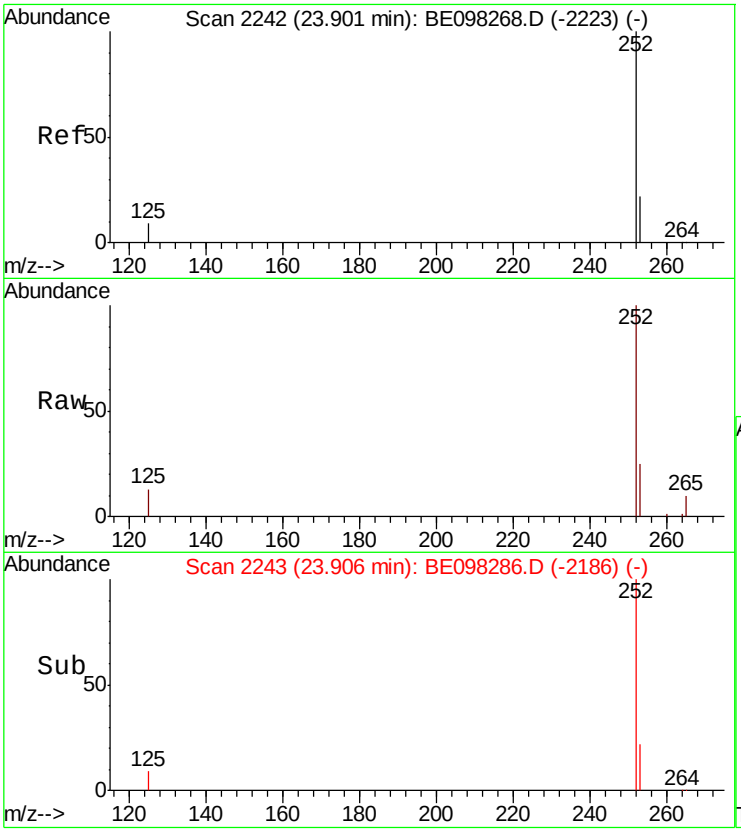


#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.29 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:252 Resp: 11935

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.0	28.6
125	10.7	9.1	13.7



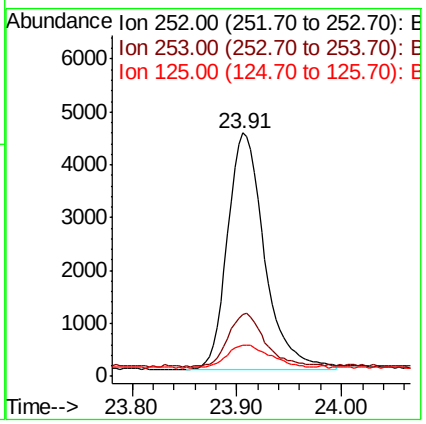


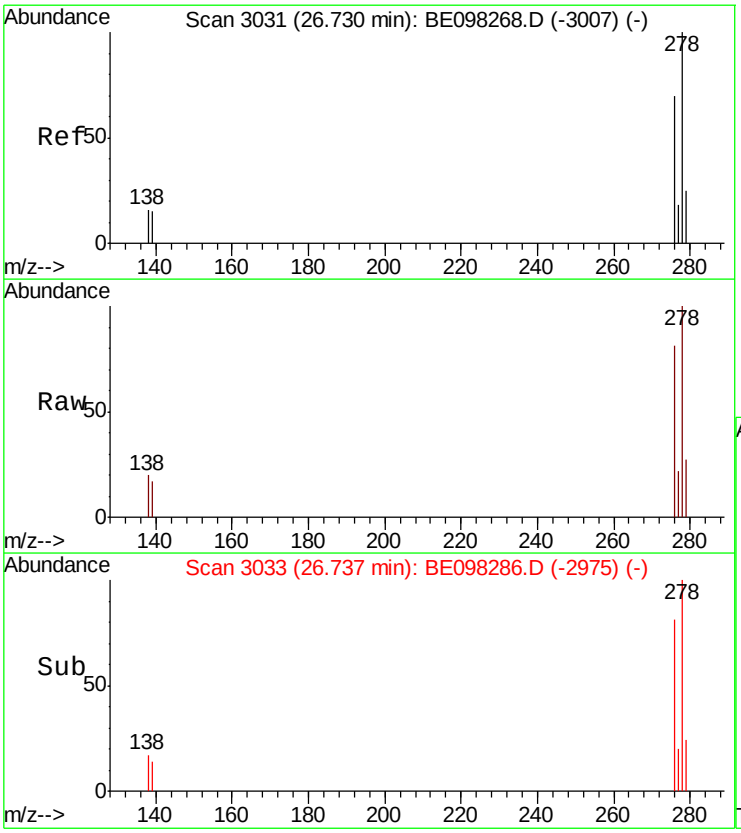
#37
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.91 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:252 Resp: 10973

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	30.8
125	12.7	10.5	15.7

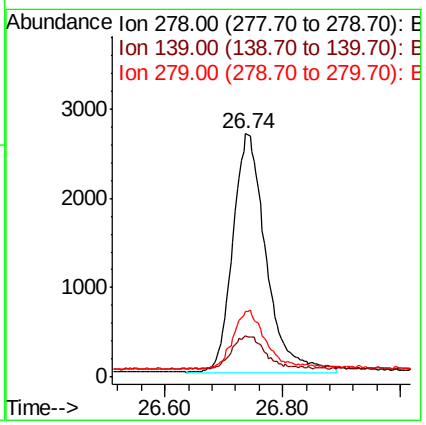


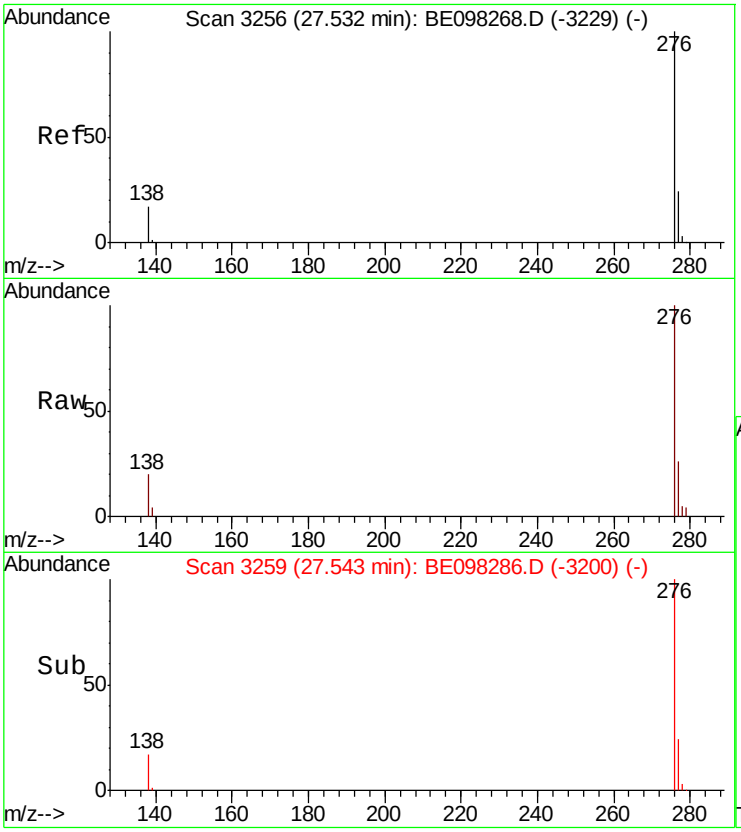


#38
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 26.74 min Scan# 3033
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Tgt Ion:278 Resp: 10432

Ion	Ratio	Lower	Upper
278	100		
139	17.0	14.5	21.7
279	27.1	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 27.54 min Scan# 3259
Delta R.T. 0.01 min
Lab File: BE098286.D
Acq: 30 Nov 2018 14:46

Instrument :
BNA_G
ClientSampleId :
PB115203BS

Tgt Ion:276 Resp: 10798

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.8	31.2
138	20.2	15.8	23.6