Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
Data File : BE098153.D
Acq On : 5 Nov 2018 9:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 05 10:42:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	889	0.40	ng		-0.01
7) Naphthalene-d8	10.67	136	4235	0.40	ng		0.00
13) Acenaphthene-d10	14.53	164	2753	0.40	ng		-0.01
19) Phenanthrene-d10	17.28	188	6631	0.40	ng		0.00
27) Chrysene-d12	21.46	240	8170	0.40	ng		0.00
34) Perylene-d12	24.01	264	8046	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1008	0.38	ng		0.00
5) Phenol-d6	7.04	99	1528	0.35	ng		0.00
8) Nitrobenzene-d5	9.03	82	1608	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	2980	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	298	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	4668	0.41	ng		0.00
25) Fluoranthene-d10	19.31	212	35725	0.42	ng		0.00
29) Terphenyl-d14	19.91	244	7836	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	511	0.386	ng	#	88
3) n-Nitrosodimethylamine	3.69	42	697	0.394	ng	#	76
6) bis(2-Chloroethyl)ether	7.29	93	1250	0.393	ng		90
9) Naphthalene	10.72	128	17821	0.421	ng		100
10) Hexachlorobutadiene	11.00	225	1160	0.418	ng		98
12) 2-Methylnaphthalene	12.34	142	3141	0.416	ng	#	93
16) Acenaphthylene	14.26	152	5208	0.415	ng		99
17) Acenaphthene	14.60	154	3174	0.421	ng		99
18) Fluorene	15.58	166	4117	0.411	ng		97
20) 4-Bromophenyl-phenylether	16.48	248	1689	0.418	ng	#	84
21) Hexachlorobenzene	16.59	284	1799	0.426	ng		98
22) Pentachlorophenol	16.94	266	269	0.349	ng		91
23) Phenanthrene	17.33	178	6856	0.417	ng		99
24) Anthracene	17.41	178	6360	0.407	ng		100
26) Fluoranthene	19.34	202	8727	0.424	ng	#	95
28) Pyrene	19.70	202	9165	0.411	ng		100
30) Benzo(a)anthracene	21.45	228	9714	0.407	ng		98
31) Chrysene	21.50	228	9848	0.417	ng		98
32) Bis(2-ethylhexyl)phthalate	21.37	149	14982	0.132	ng		99
33) Indeno(1,2,3-cd)pyrene	26.70	276	9787	0.398	ng	#	95
35) Benzo(b)fluoranthene	23.23	252	9203	0.406	ng	#	89
36) Benzo(k)fluoranthene	23.28	252	9321	0.397	ng	#	90
37) Benzo(a)pyrene	23.89	252	8723	0.394	ng	#	90
38) Dibenzo(a,h)anthracene	26.73	278	8222	0.398	ng	#	93
39) Benzo(g,h,i)perylene	27.52	276	8152	0.396	ng	#	91

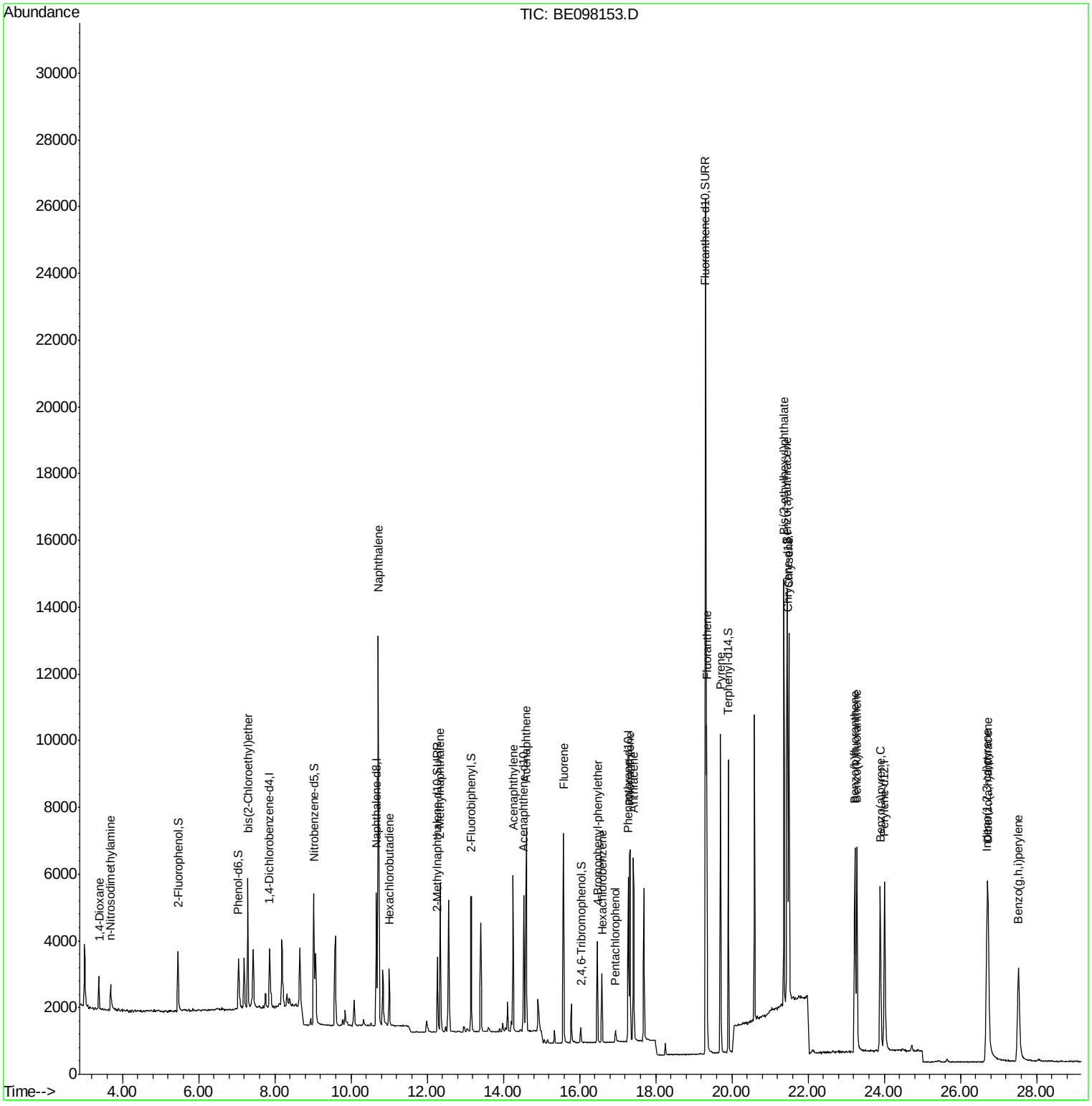
(#) = qualifier out of range (m) = manual integration (+) = signals summed

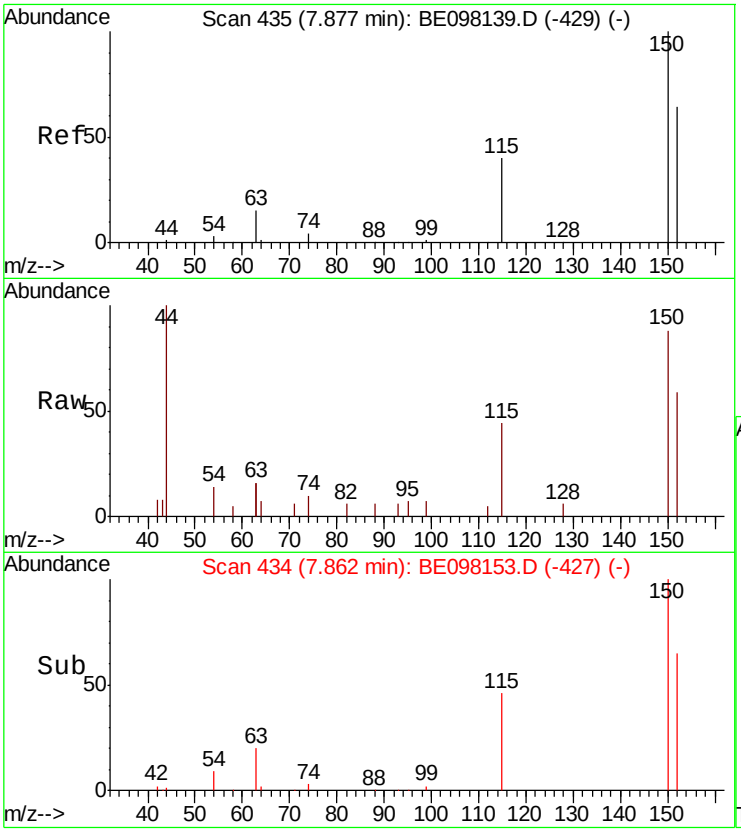
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
Data File : BE098153.D
Acq On : 5 Nov 2018 9:41
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 05 10:42:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 13:00:52 2018
Response via : Initial Calibration



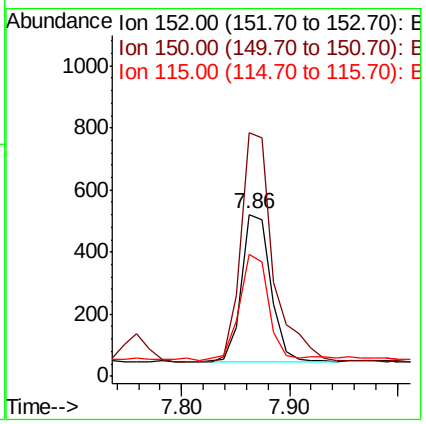


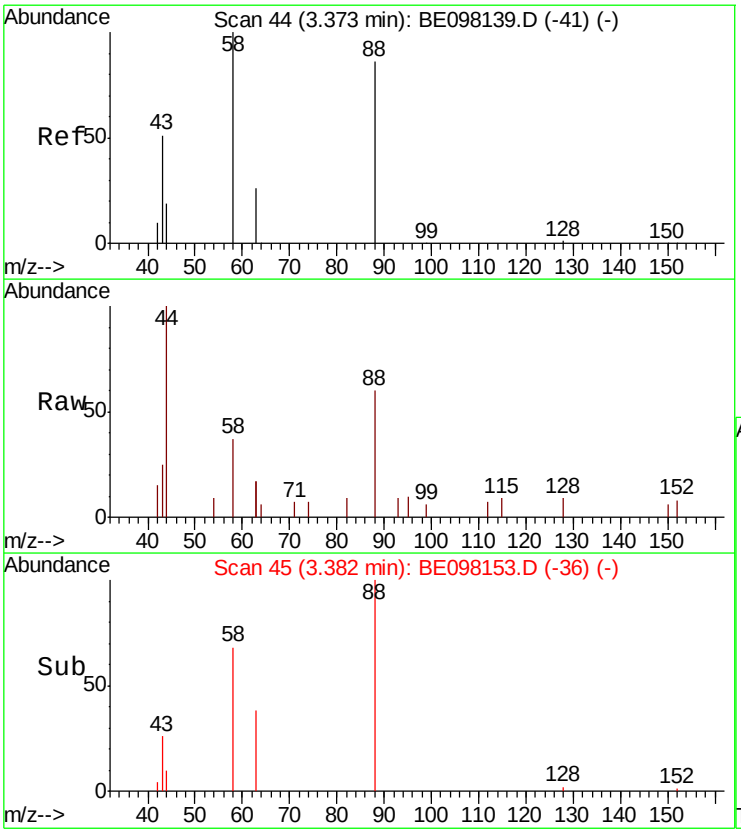
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 889

Ion	Ratio	Lower	Upper
152	100		
150	150.5	118.2	177.4
115	75.0	50.9	76.3

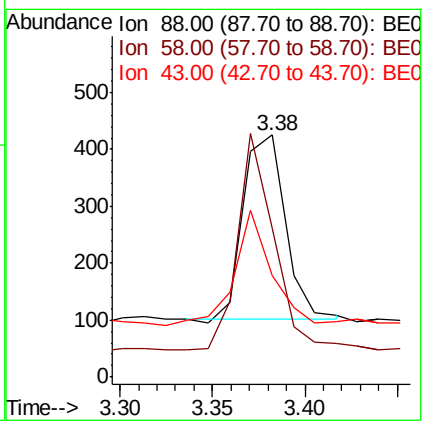


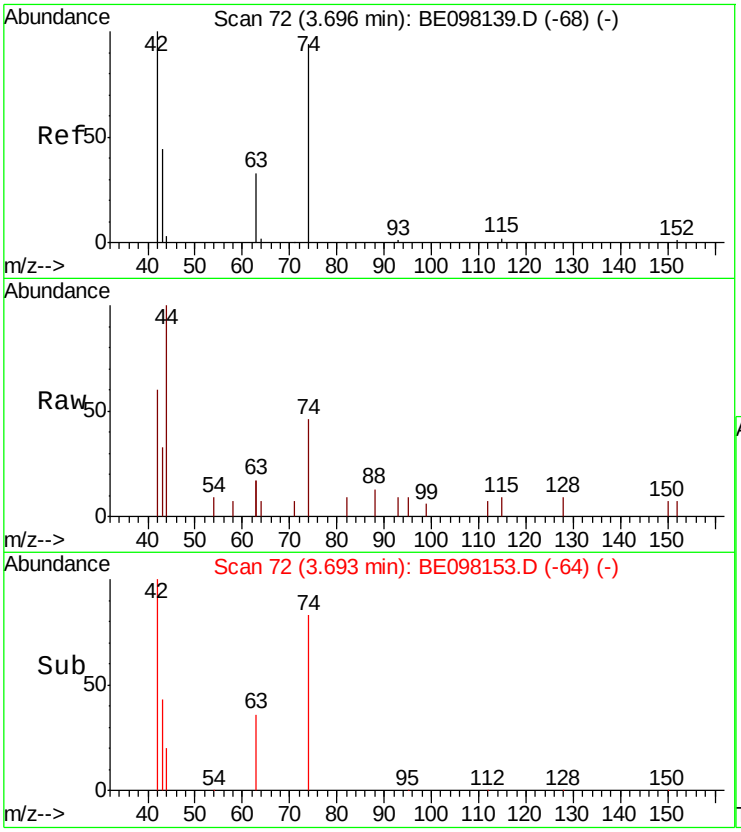


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion: 88 Resp: 511

Ion	Ratio	Lower	Upper
88	100		
58	101.6	73.2	109.8
43	55.4	36.9	55.3#



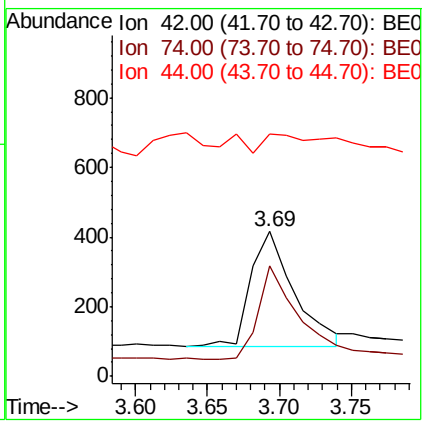


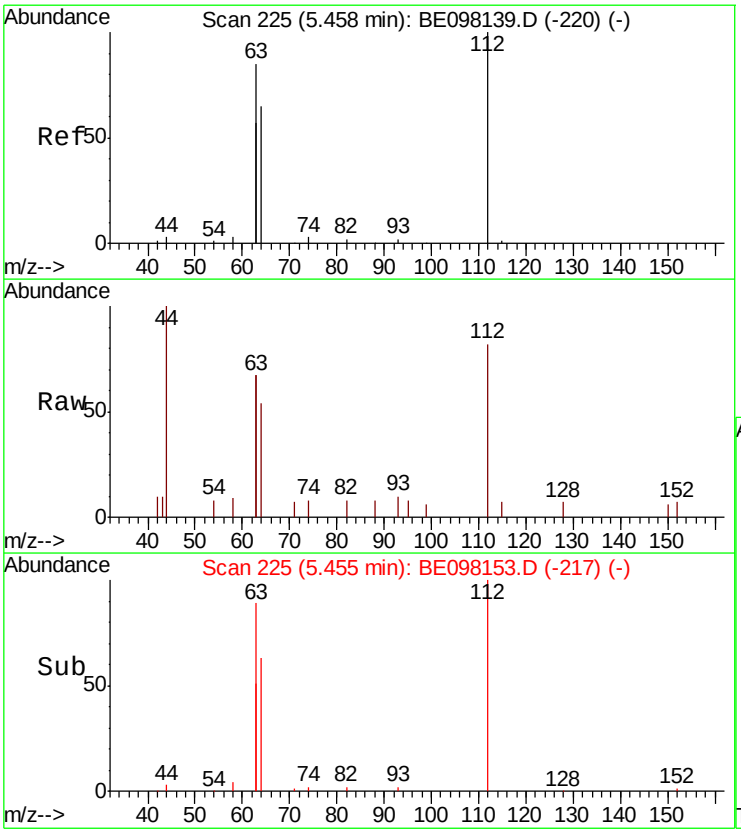
#3
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.69 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 697

Ion	Ratio	Lower	Upper
42	100		
74	73.6	77.6	116.4#
44	18.4	7.6	11.4#

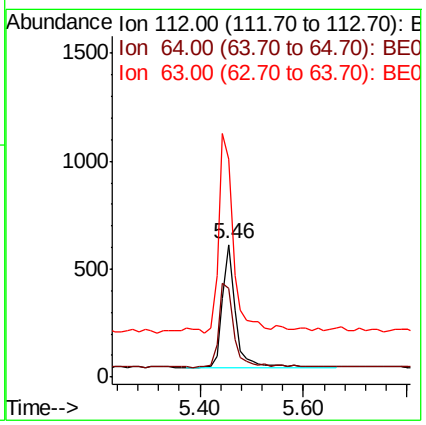


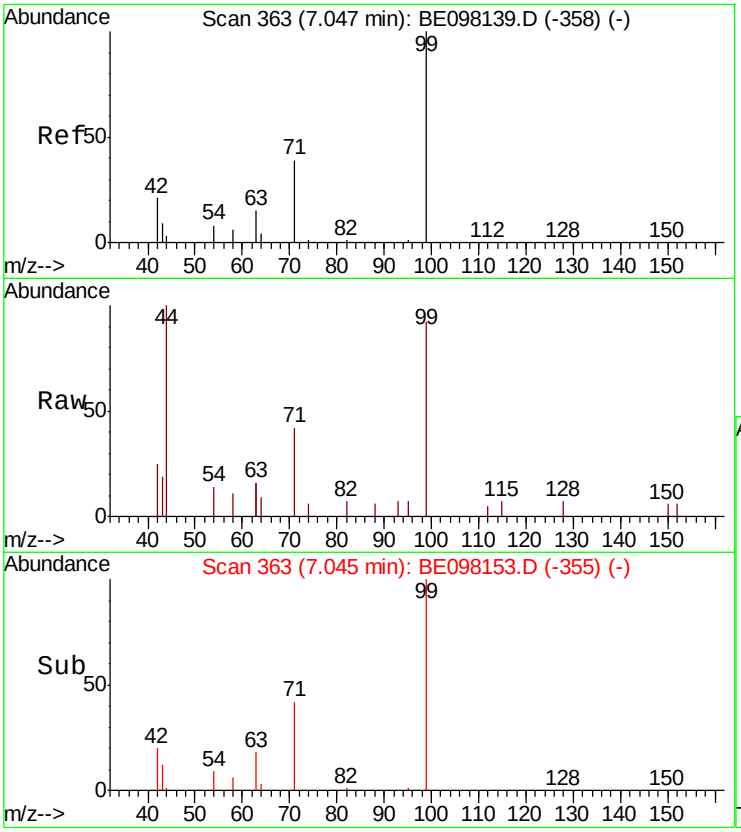


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.46 min Scan# 225
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:112 Resp: 1008

Ion	Ratio	Lower	Upper
112	100		
64	76.6	58.9	88.3
63	177.0	120.3	180.5



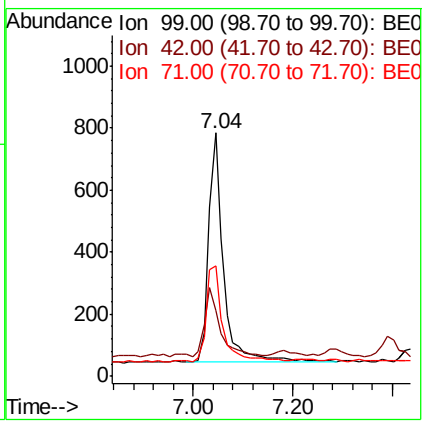


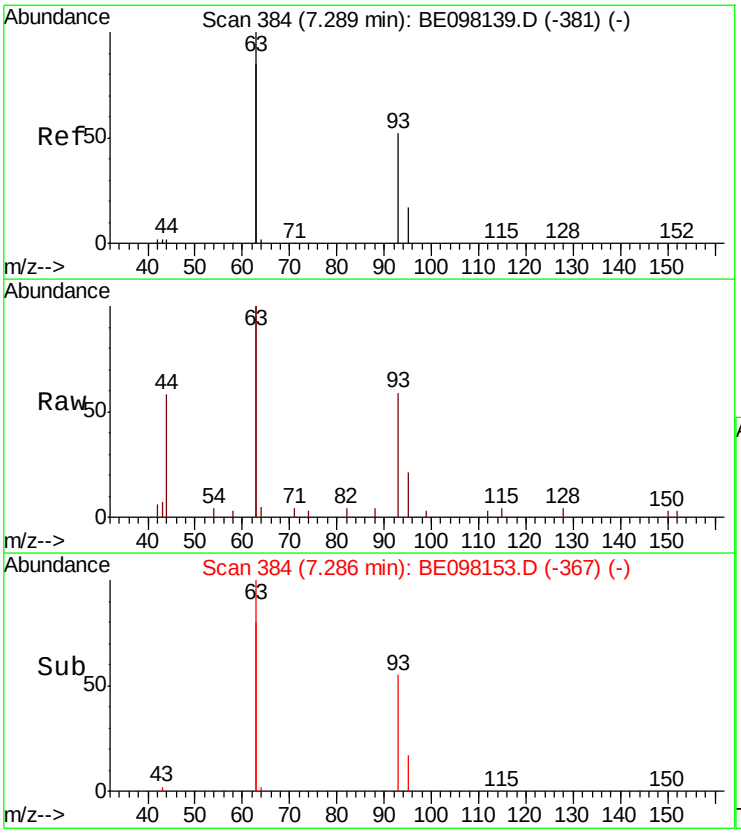
#5
Phenol-d6
Concen: 0.352 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1528

Ion	Ratio	Lower	Upper
99	100		
42	31.0	19.9	29.9#
71	45.5	27.8	41.8#

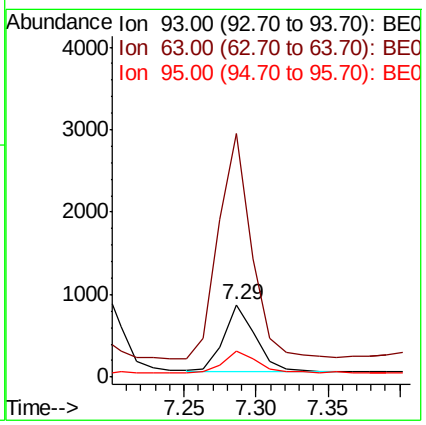


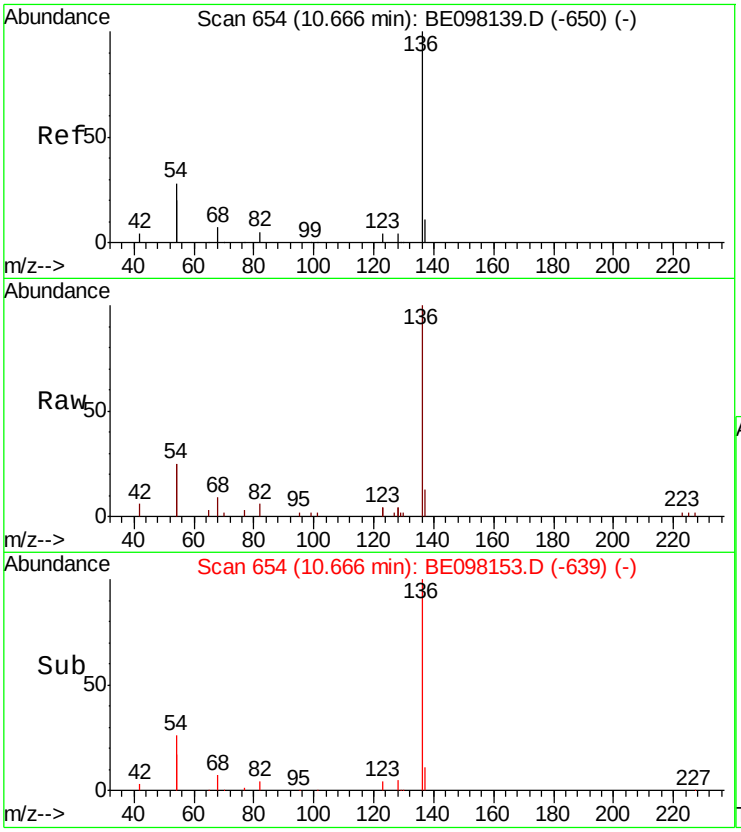


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion: 93 Resp: 1250

Ion	Ratio	Lower	Upper
93	100		
63	346.2	259.0	388.4
95	34.6	27.8	41.8



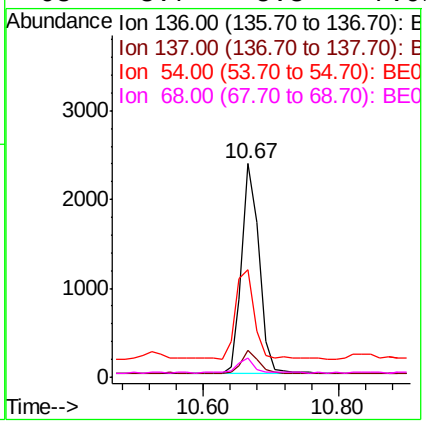


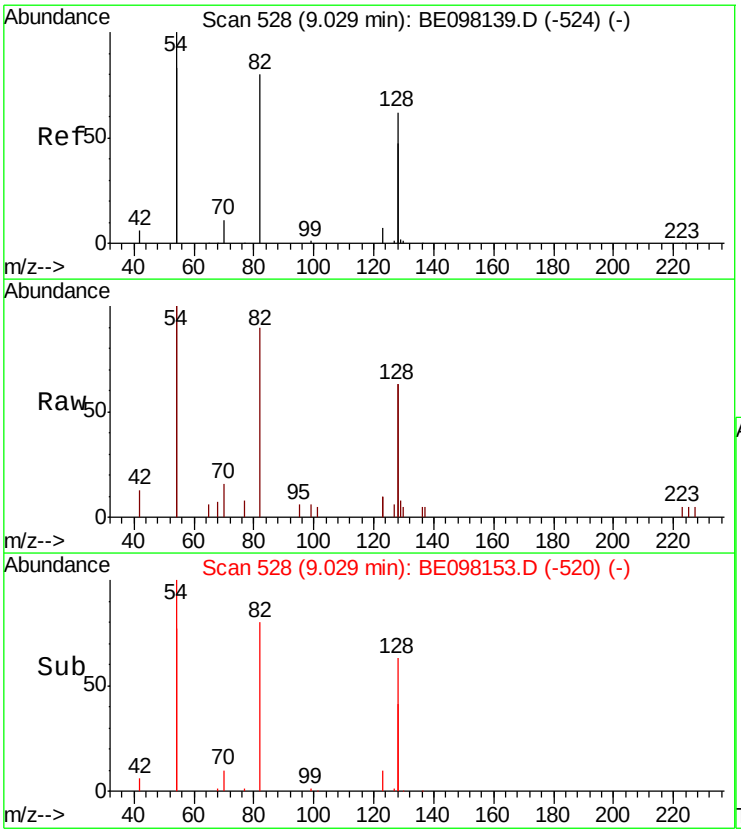
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4235

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.6	14.4
54	50.1	27.7	41.5#
68	8.7	5.3	7.9#

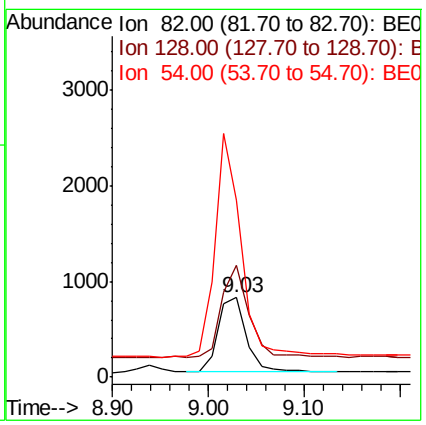


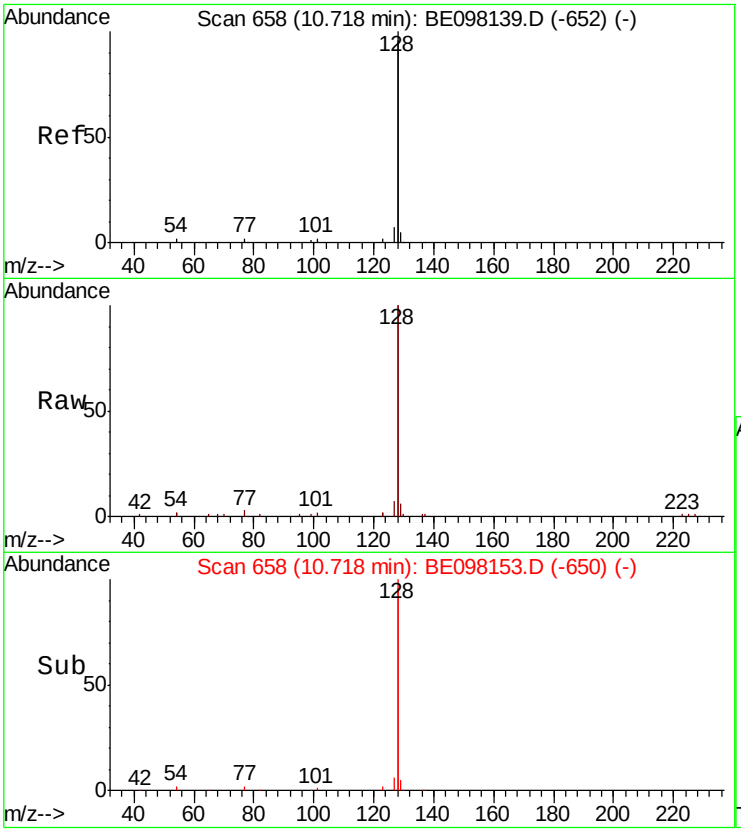


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion: 82 Resp: 1608

Ion	Ratio	Lower	Upper
82	100		
128	140.6	129.9	194.9
54	222.4	174.0	261.0



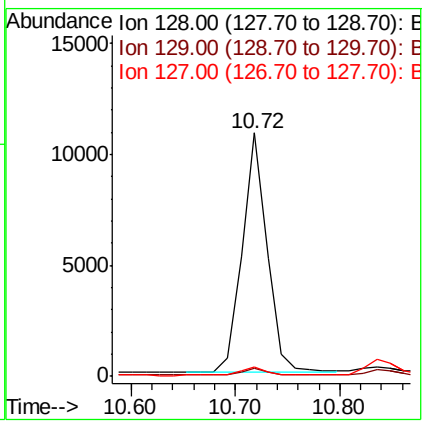


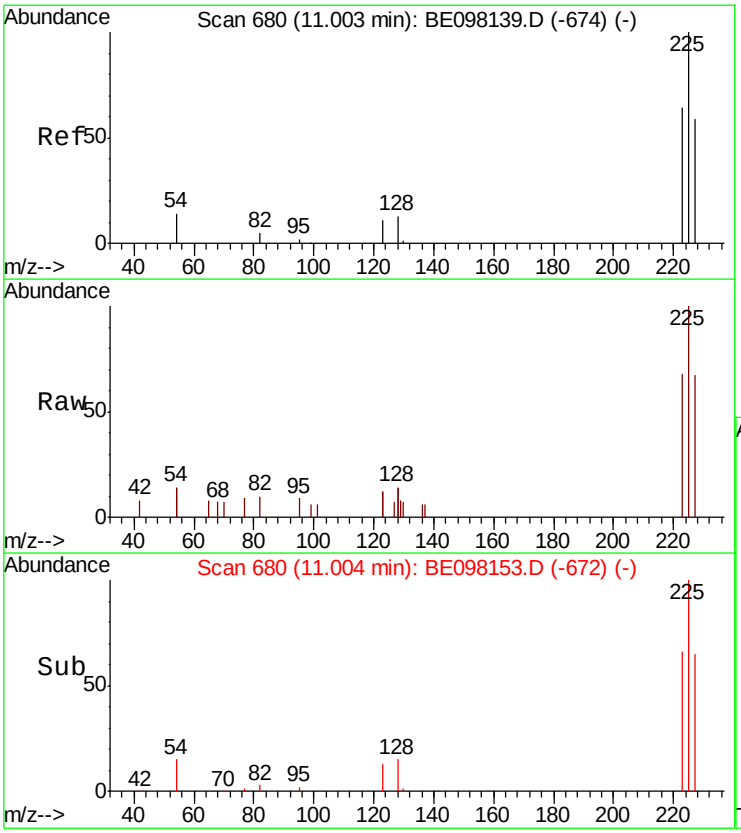
#9
Naphthalene
Concen: 0.421 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 17821

Ion	Ratio	Lower	Upper
128	100		
129	3.1	2.5	3.7
127	3.7	2.8	4.2

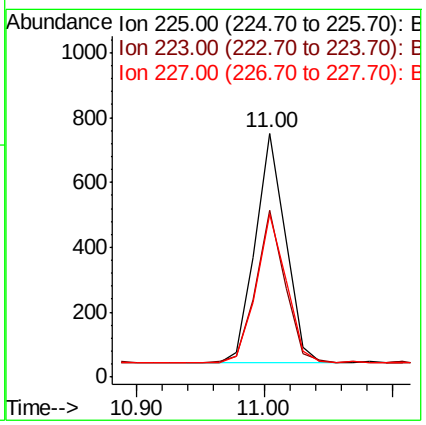


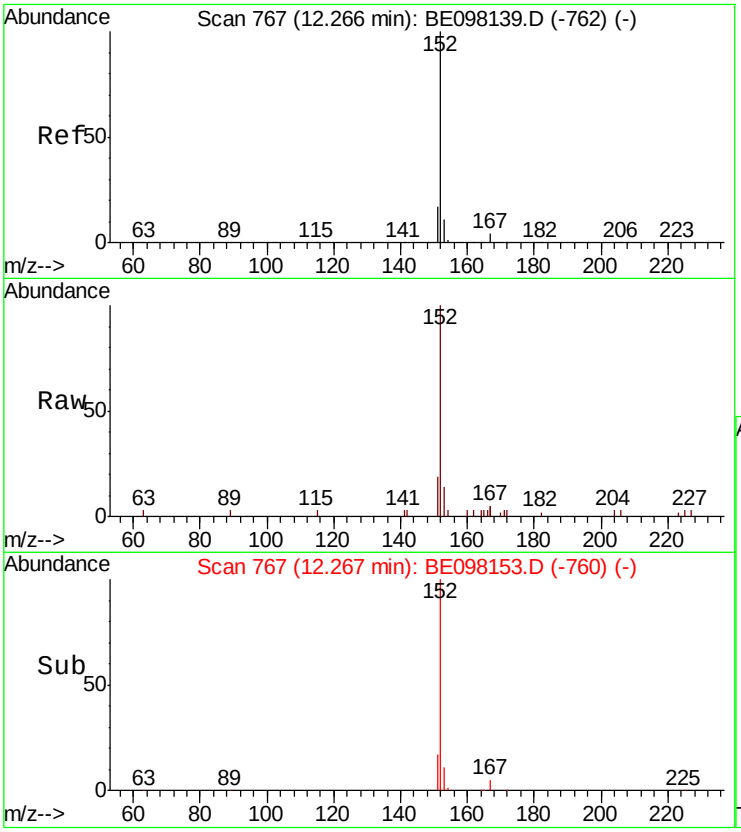


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:225 Resp: 1160

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.8	77.8
227	64.3	53.0	79.6



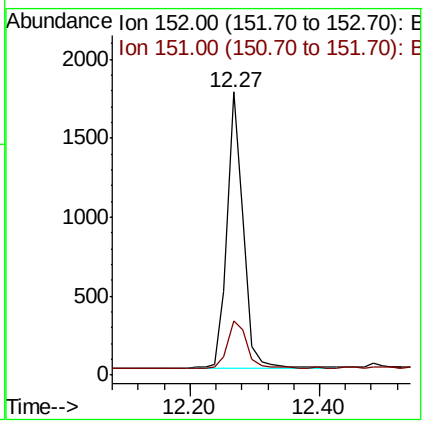


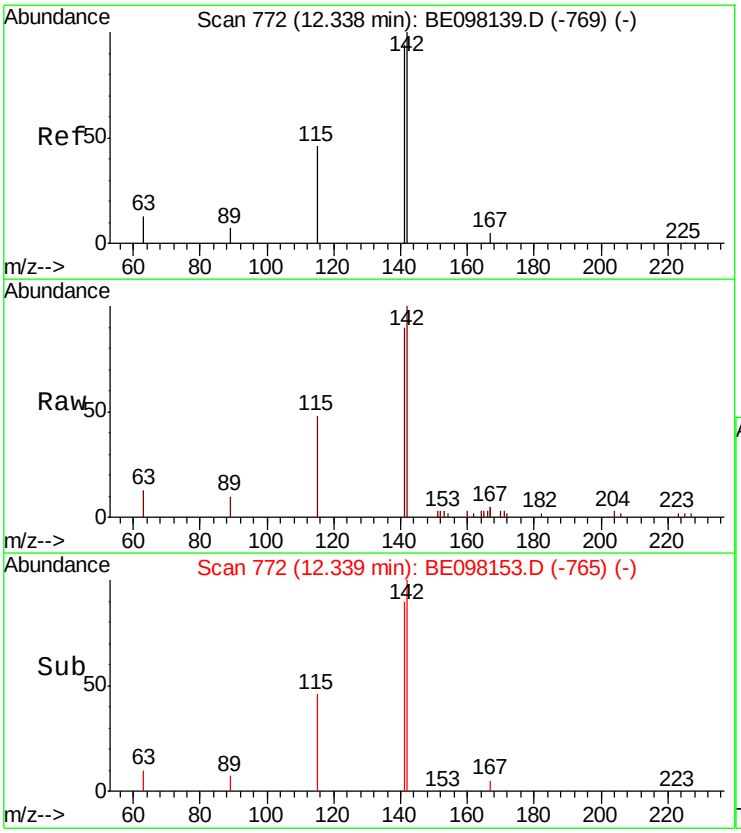
#11
2-Methylnaphthalene-d10
Concen: 0.399 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2980

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

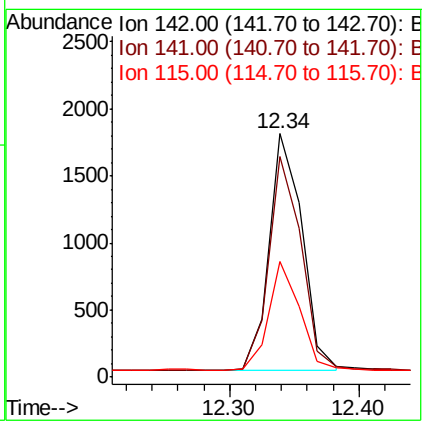


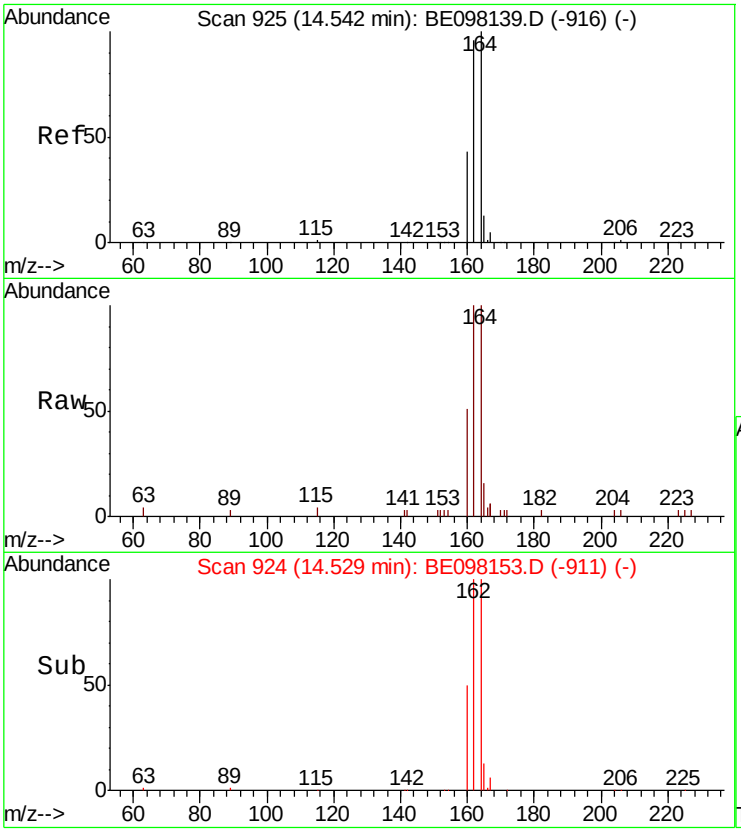


#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:142 Resp: 3141

Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.8	104.6
115	47.6	30.5	45.7#



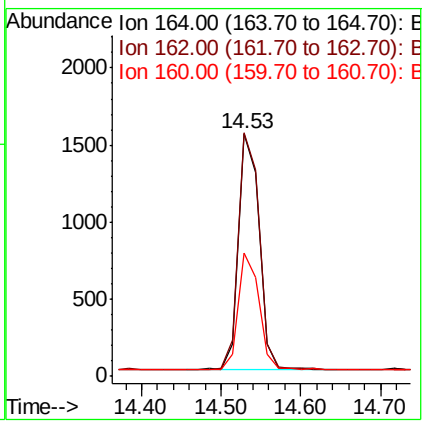


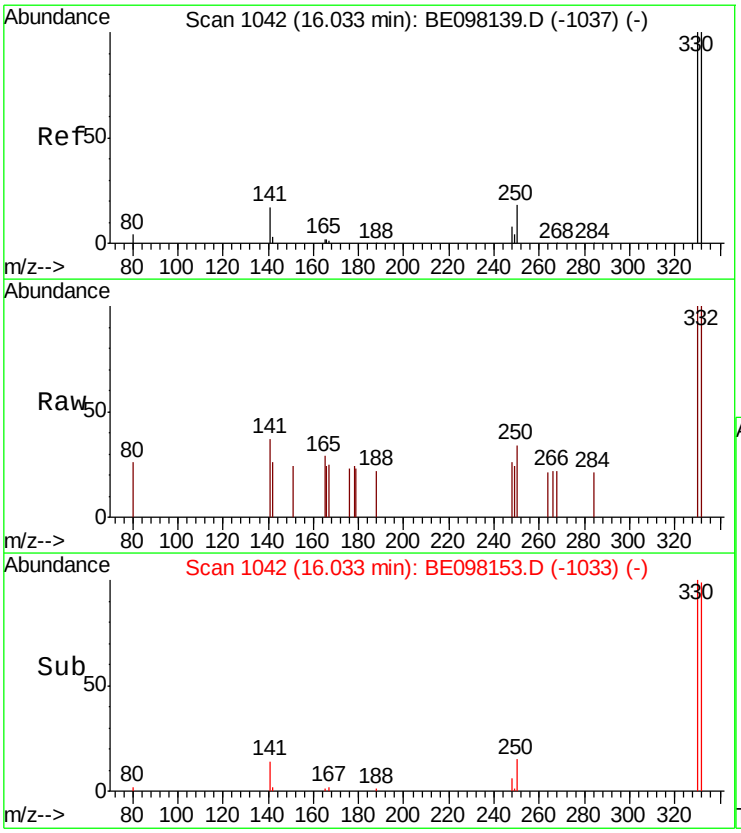
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2753

Ion	Ratio	Lower	Upper
164	100		
162	100.3	77.4	116.2
160	51.1	36.5	54.7

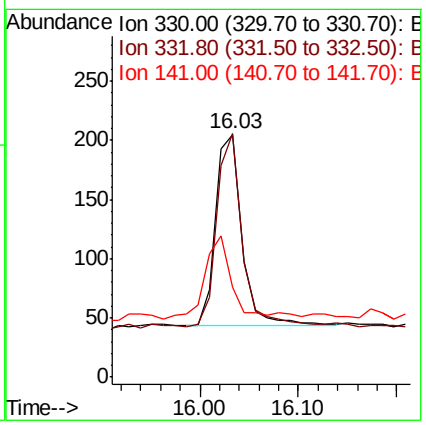


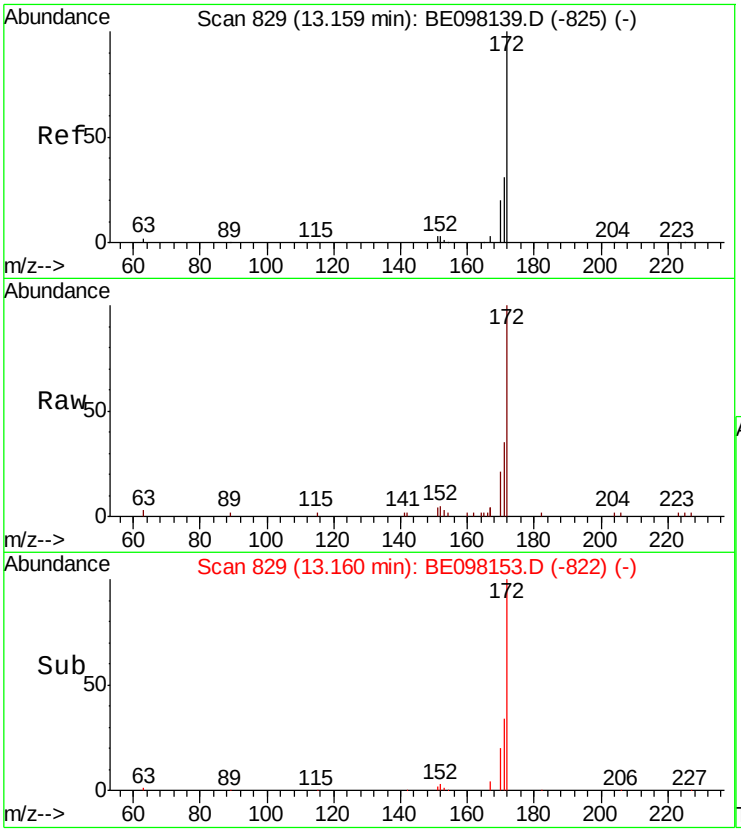


#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:330 Resp: 298

Ion	Ratio	Lower	Upper
330	100		
332	101.3	76.5	114.7
141	46.3	31.8	47.6



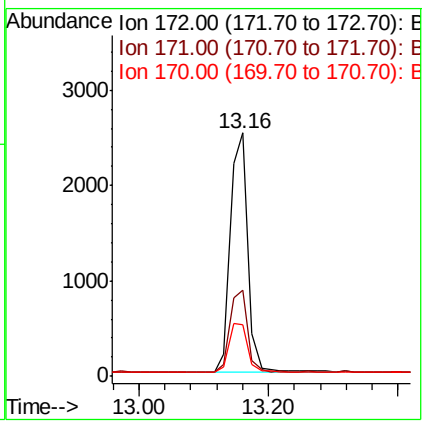


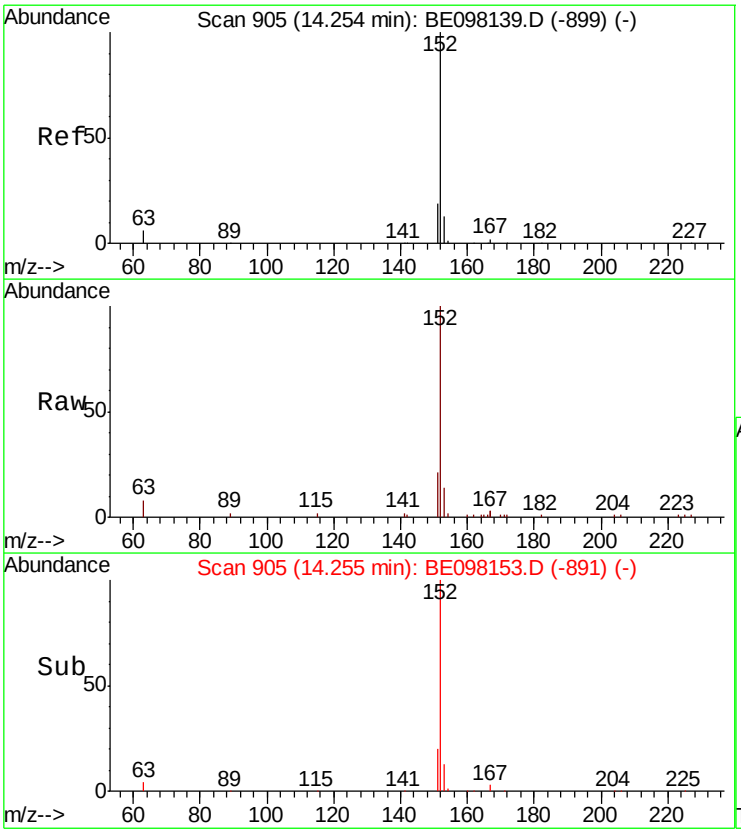
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 4668

Ion	Ratio	Lower	Upper
172	100		
171	35.2	26.0	39.0
170	21.4	18.0	27.0

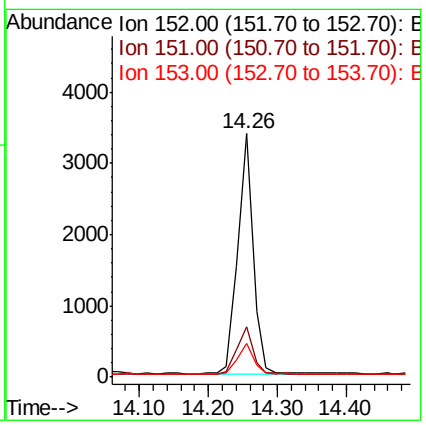


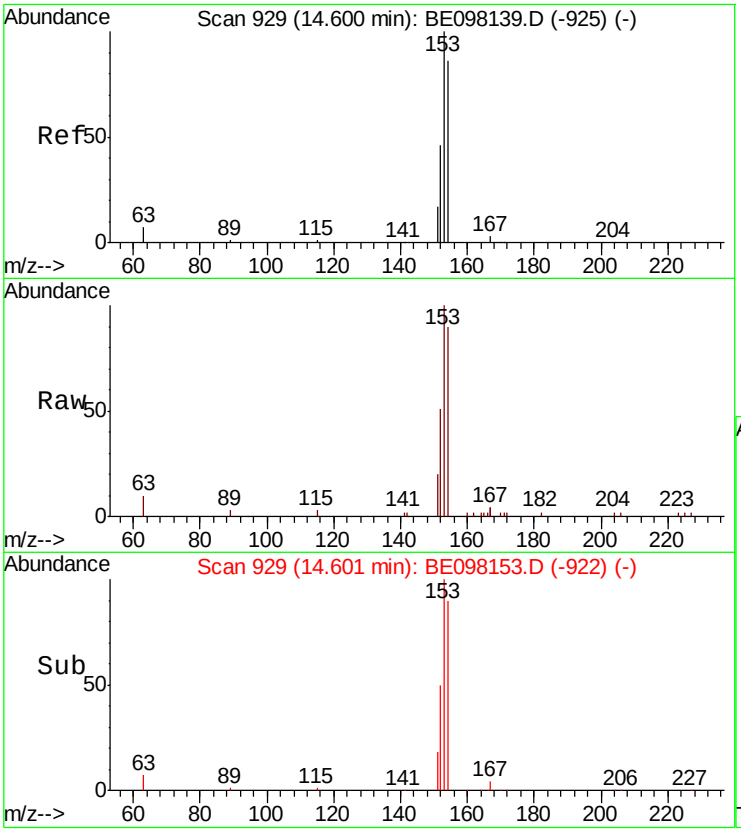


#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:152 Resp: 5208

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	12.6	10.9	16.3



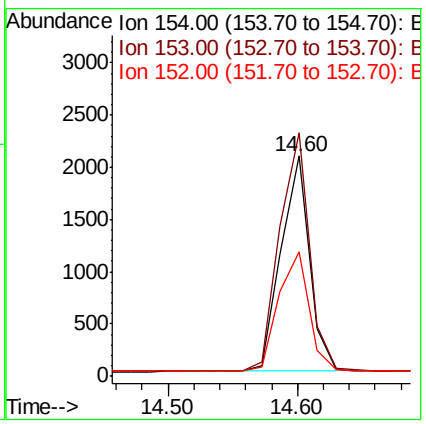


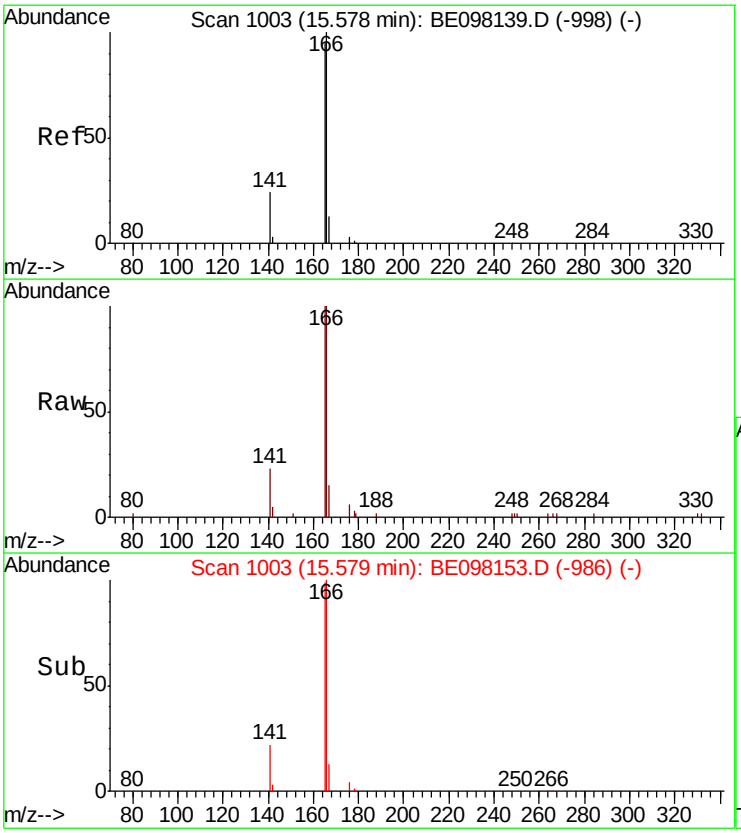
#17
Acenaphthene
Concen: 0.421 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3174

Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.6	139.0
152	59.0	45.5	68.3

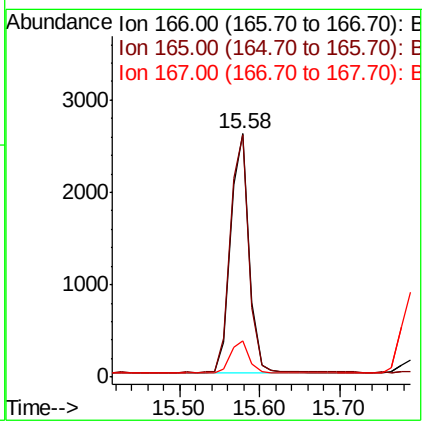


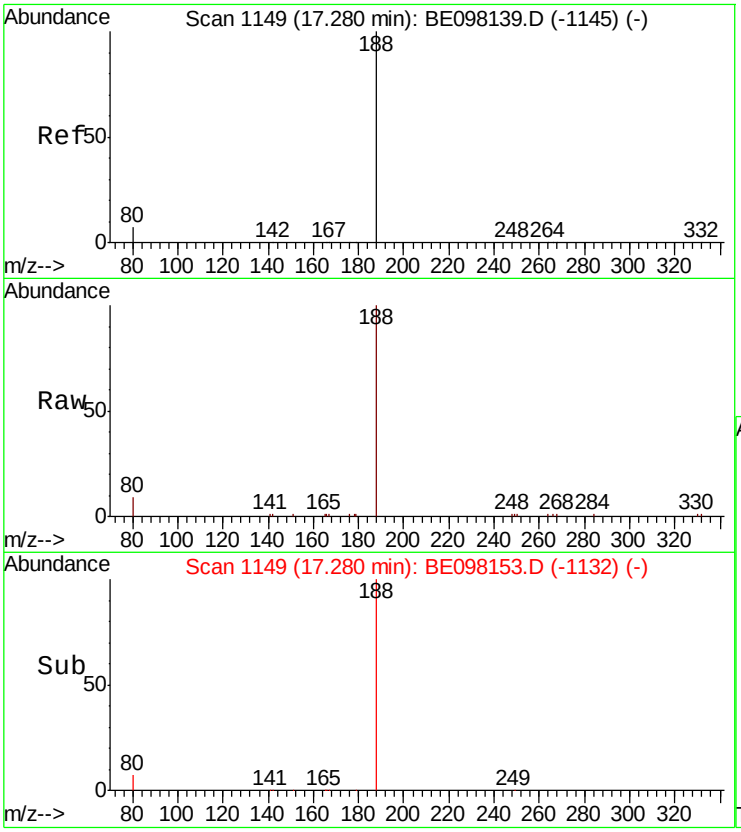


#18
Fluorene
Concen: 0.411 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:166 Resp: 4117

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.2	117.4
167	13.7	11.0	16.6



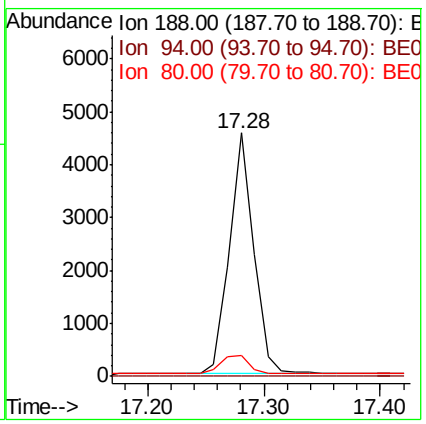


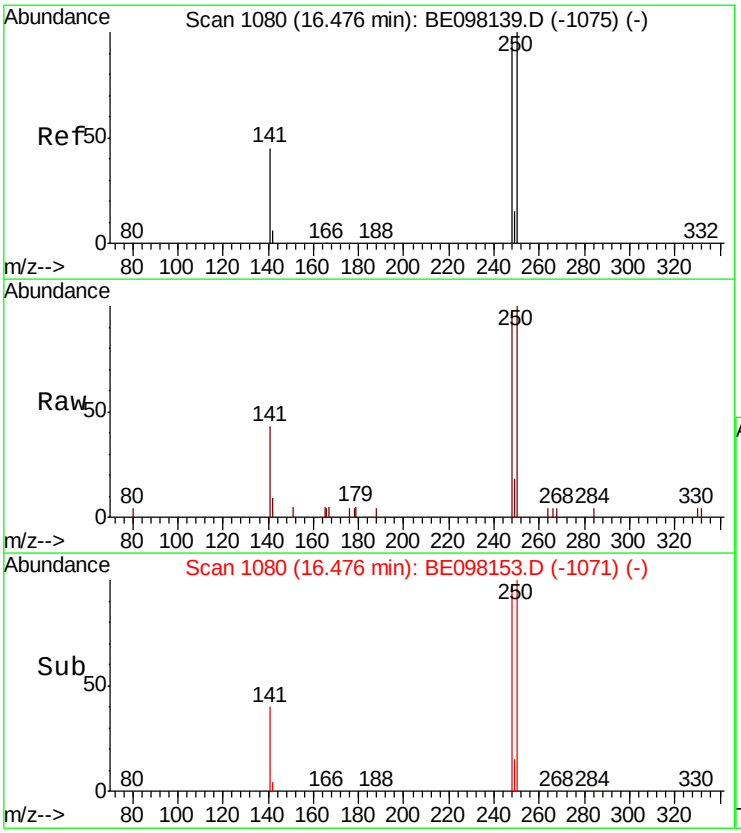
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6631

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.3	9.5

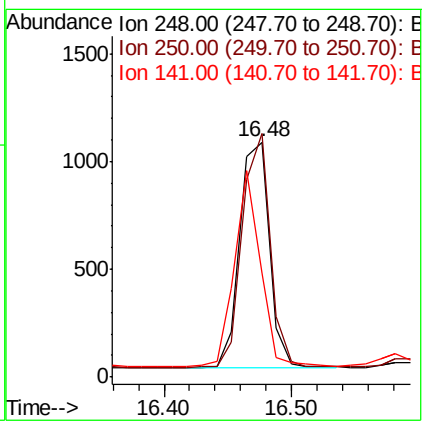


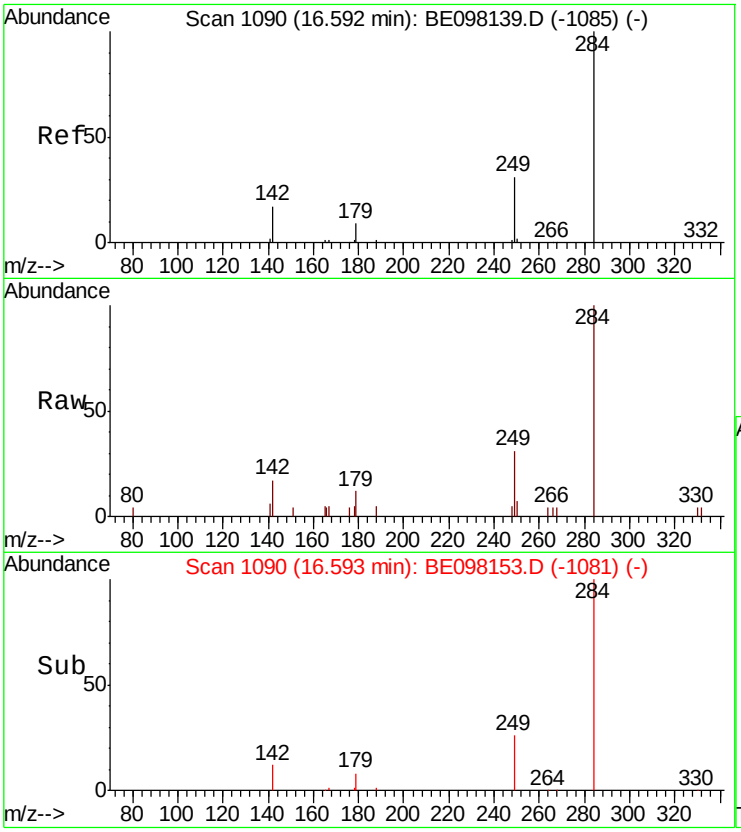


#20
4-Bromophenyl-phenylether
Concen: 0.418 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:248 Resp: 1689

Ion	Ratio	Lower	Upper
248	100		
250	103.5	75.1	112.7
141	44.5	51.8	77.8#



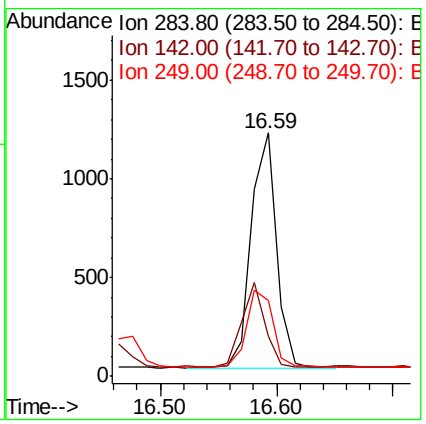


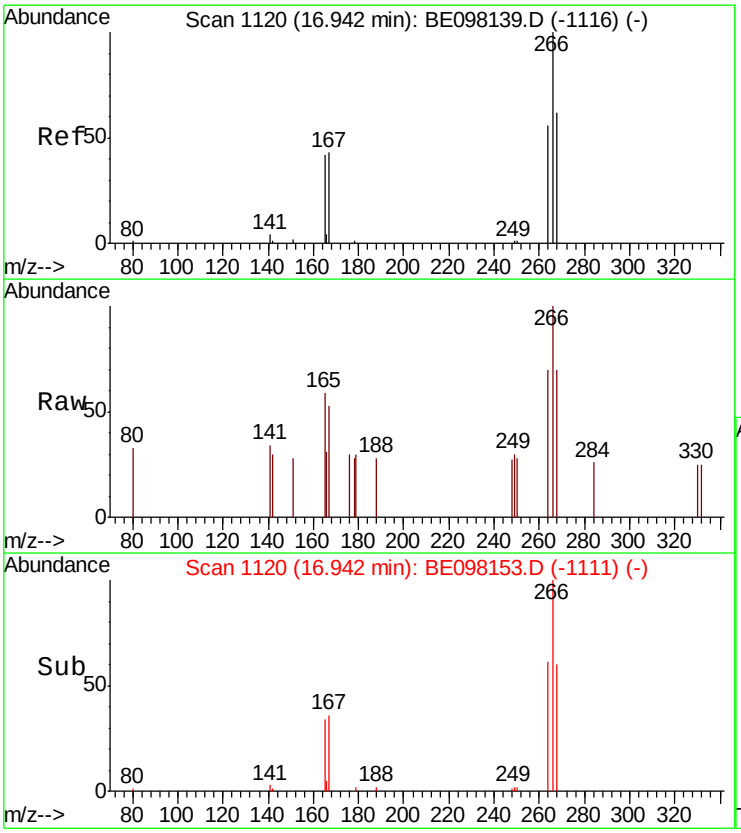
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1799

Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.9	38.9
249	34.5	26.6	40.0

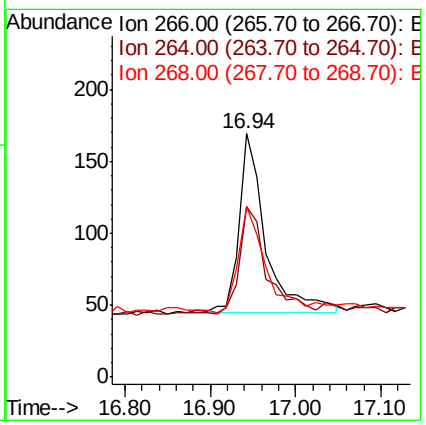


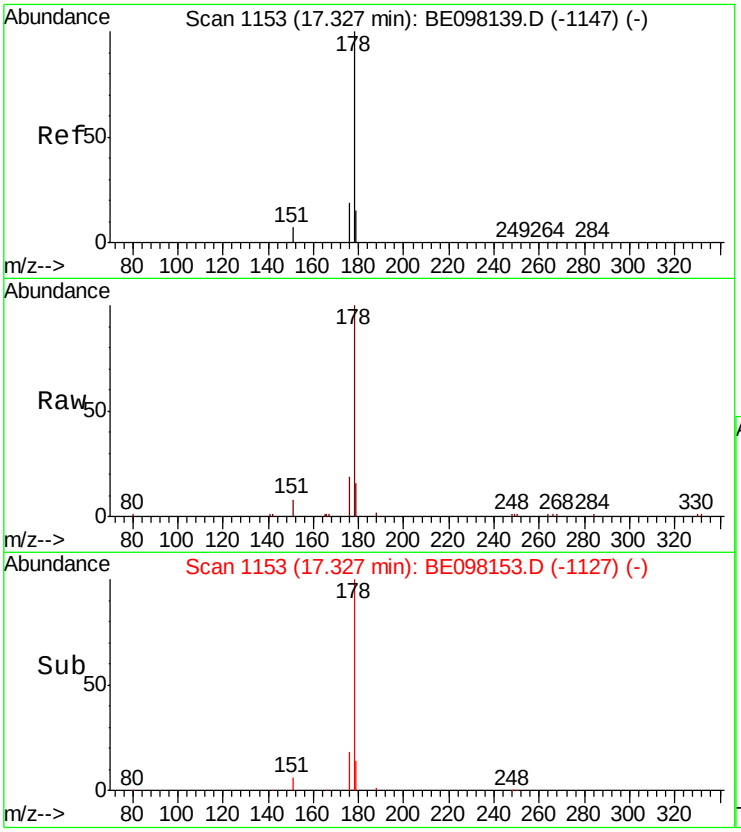


#22
Pentachlorophenol
Concen: 0.349 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:266 Resp: 269

Ion	Ratio	Lower	Upper
266	100		
264	70.4	51.3	76.9
268	70.4	50.1	75.1



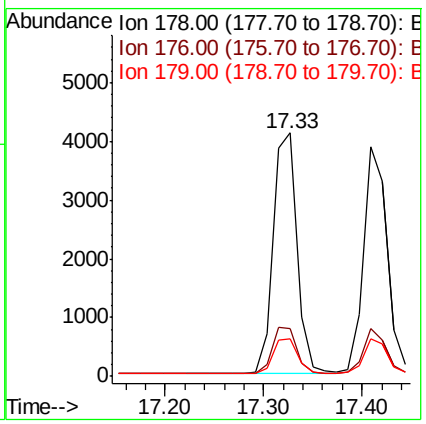


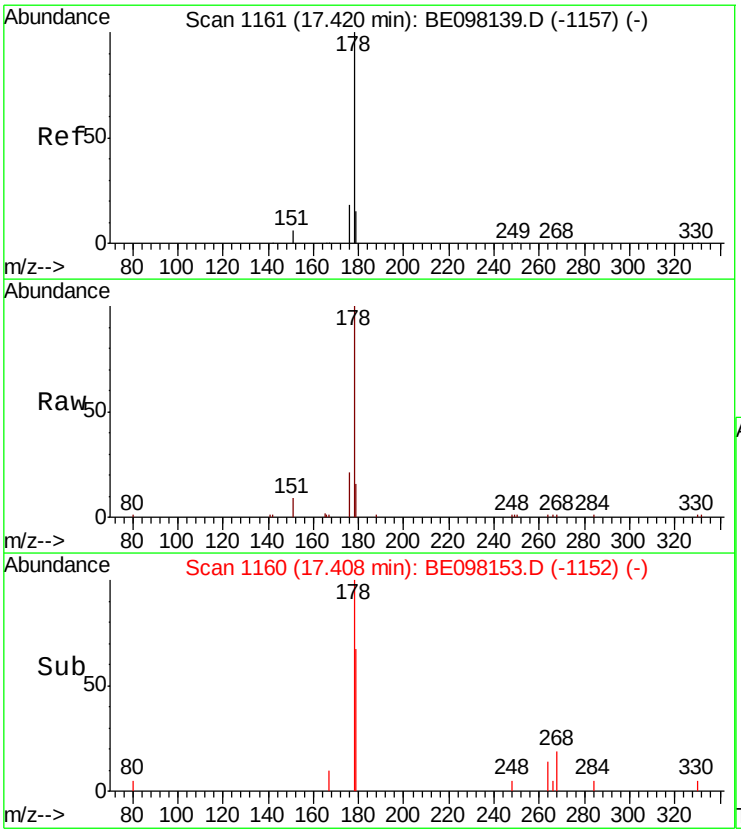
#23
Phenanthrene
Concen: 0.417 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6856

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	14.9	12.2	18.4

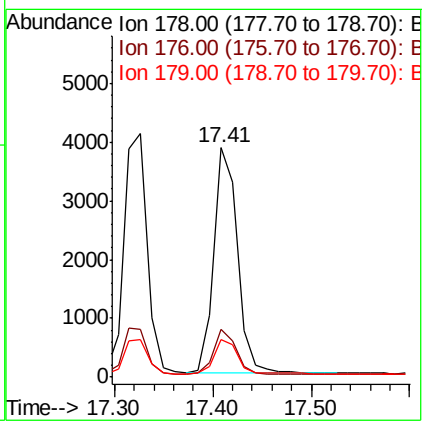


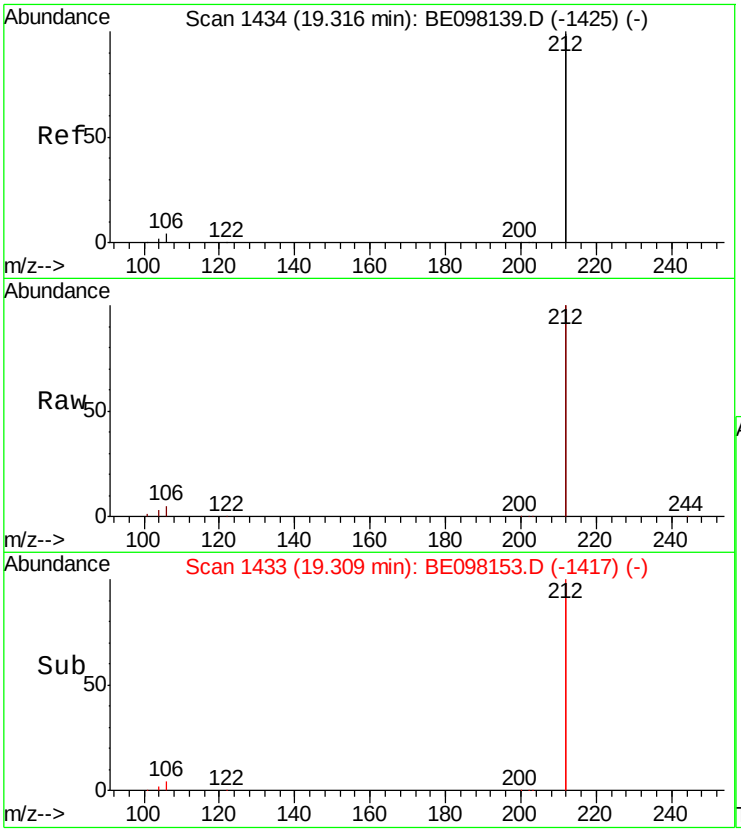


#24
Anthracene
Concen: 0.407 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:178 Resp: 6360

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	11.9	17.9



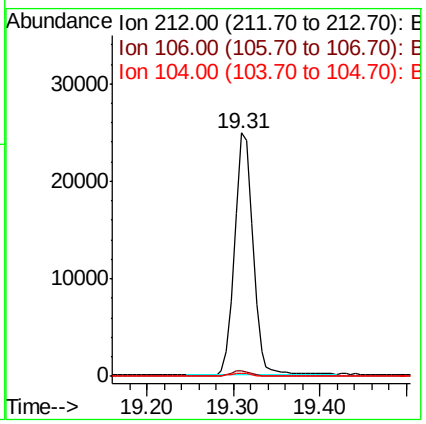


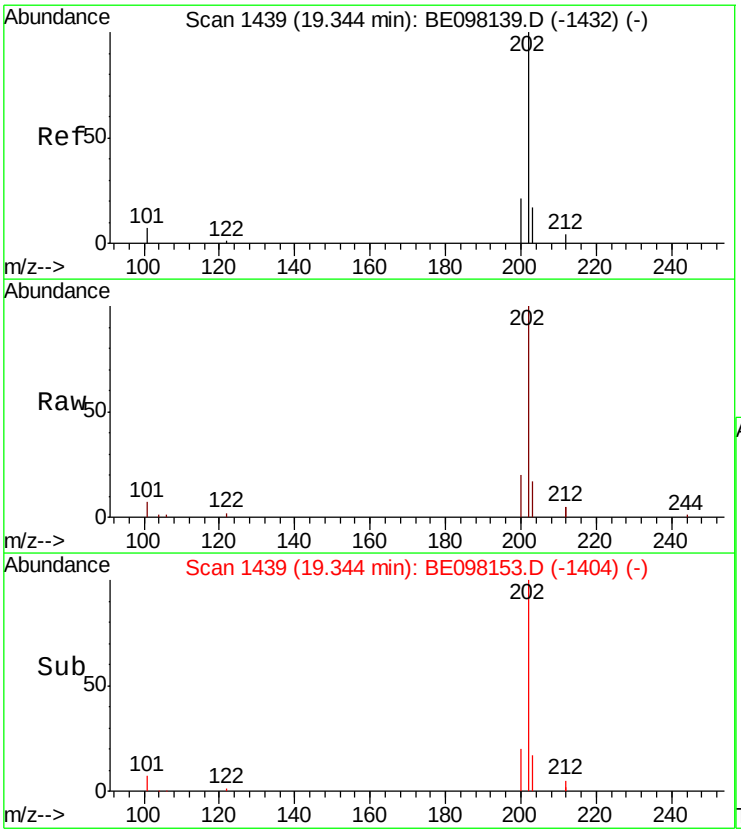
#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 35725

Ion	Ratio	Lower	Upper
212	100		
106	2.1	2.3	3.5#
104	1.3	1.3	1.9#

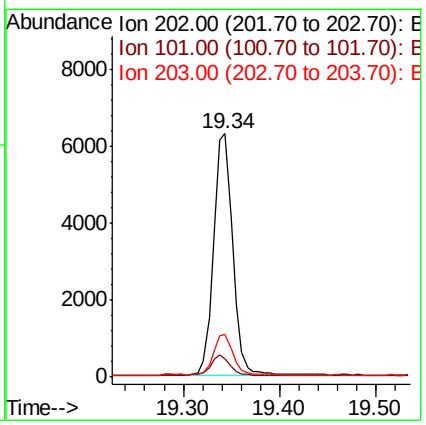


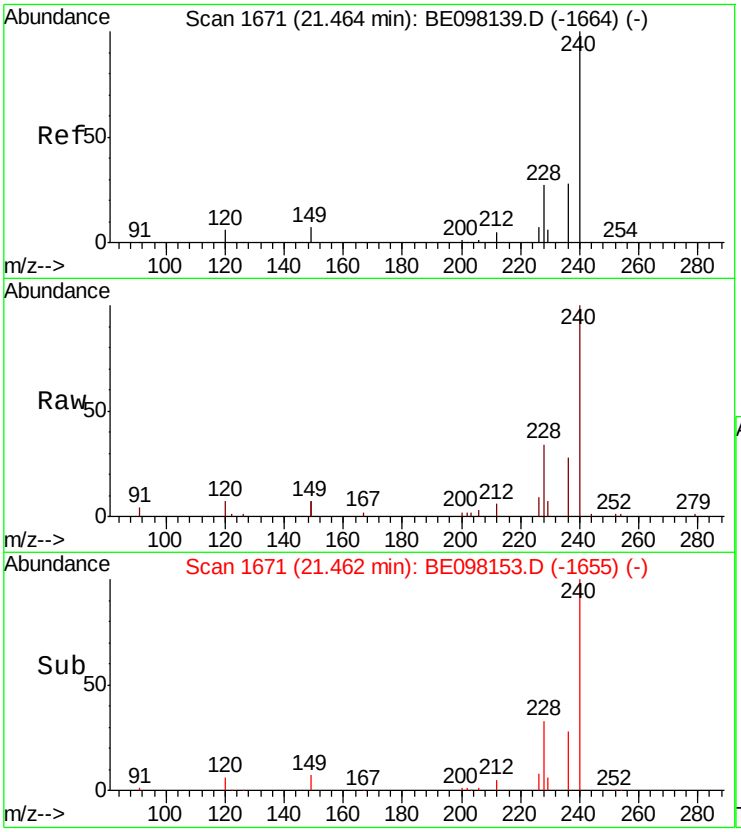


#26
Fluoranthene
Concen: 0.424 ng
RT: 19.34 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:202 Resp: 8727

Ion	Ratio	Lower	Upper
202	100		
101	7.9	8.2	12.2#
203	17.1	15.0	22.4



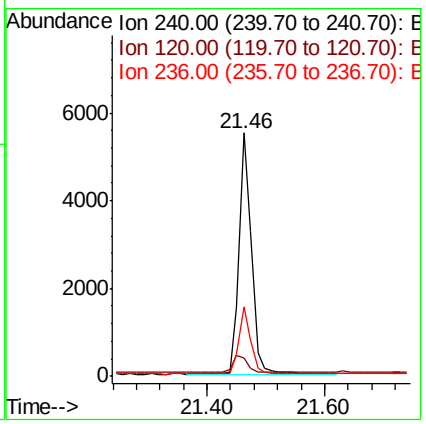


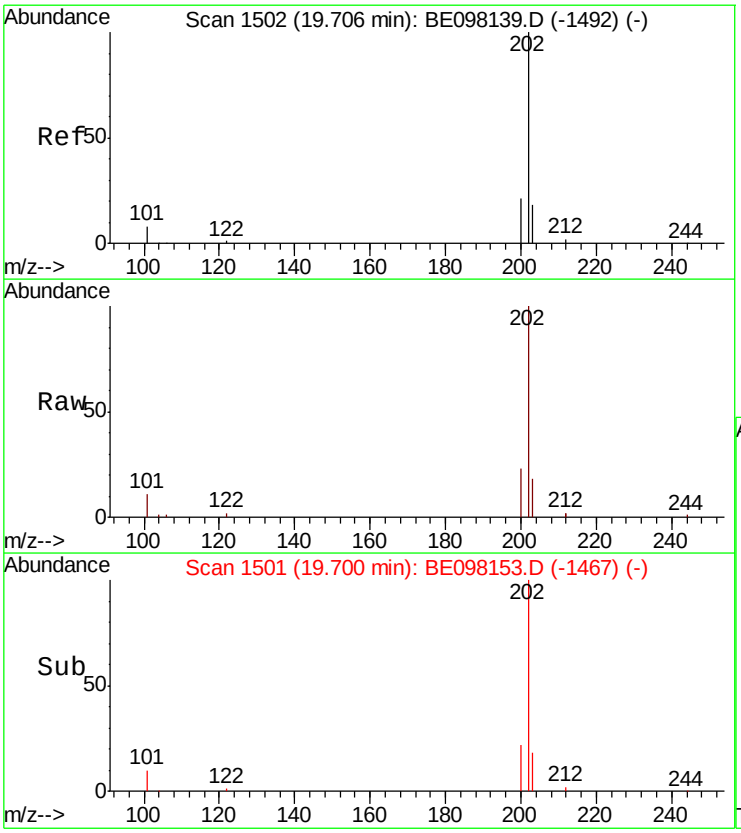
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8170

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.1	10.7
236	28.4	21.3	31.9

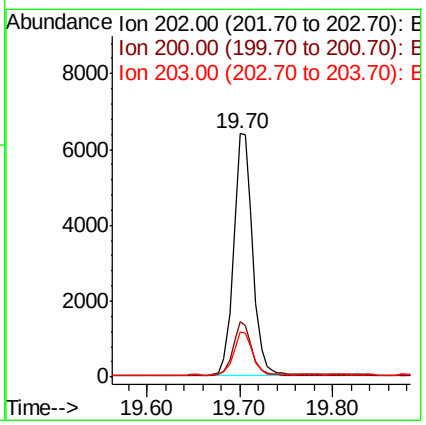


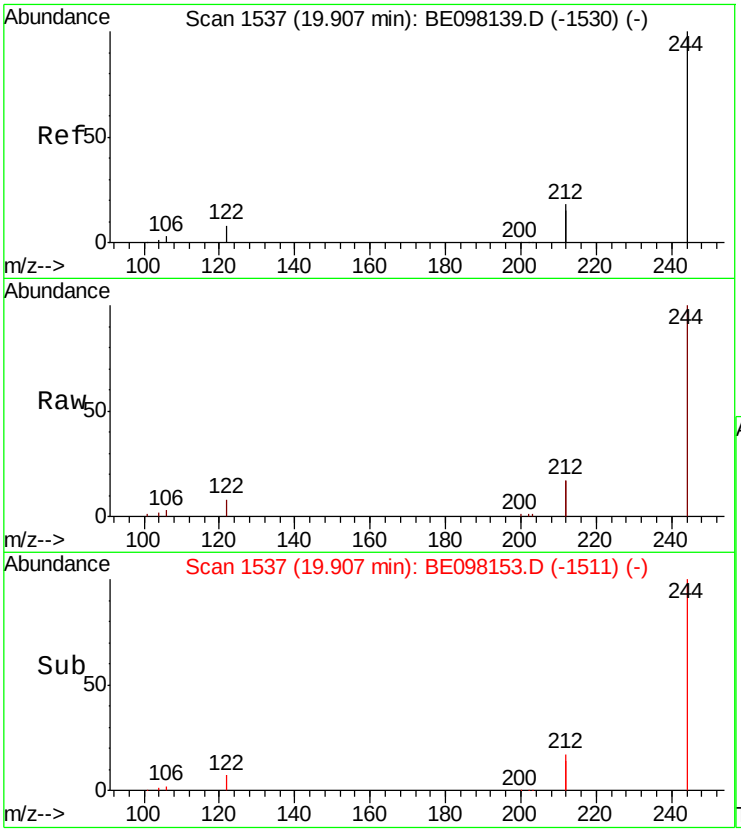


#28
Pyrene
Concen: 0.411 ng
RT: 19.70 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:202 Resp: 9165

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.8	14.2	21.4



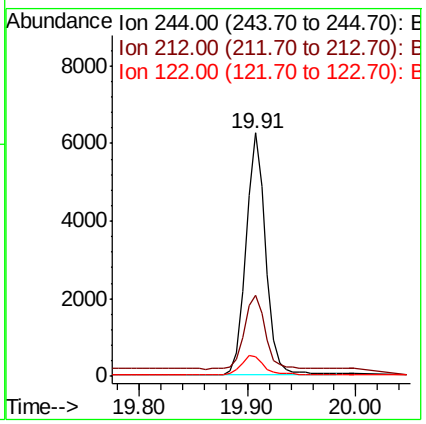


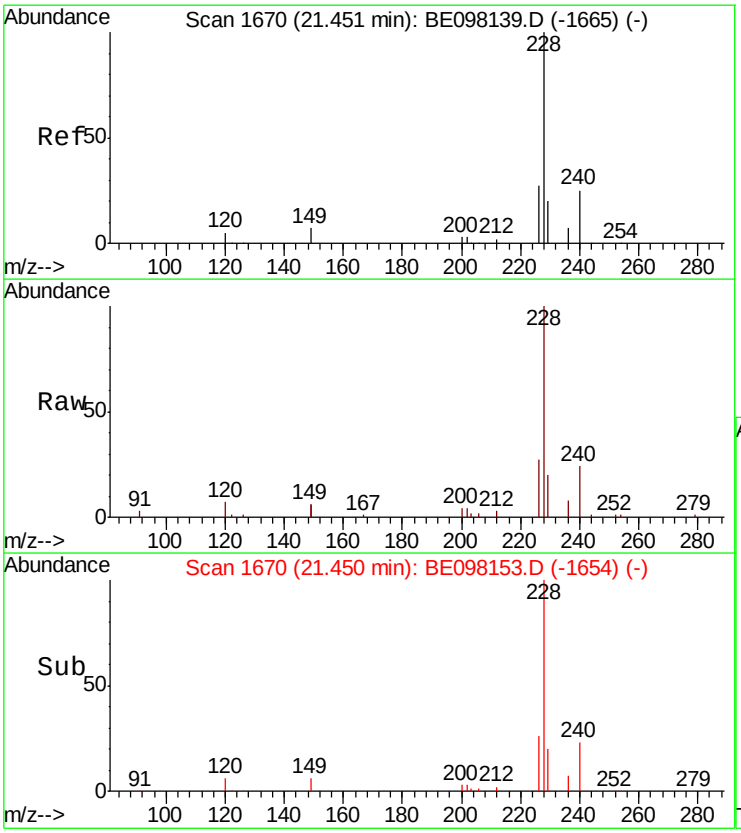
#29
Terphenyl-d14
Concen: 0.412 ng
RT: 19.91 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 7836

Ion	Ratio	Lower	Upper
244	100		
212	33.4	26.2	39.2
122	7.9	7.7	11.5

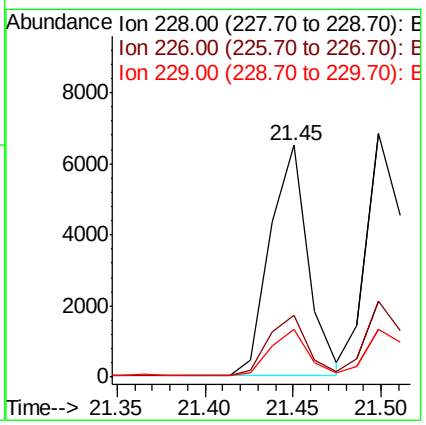


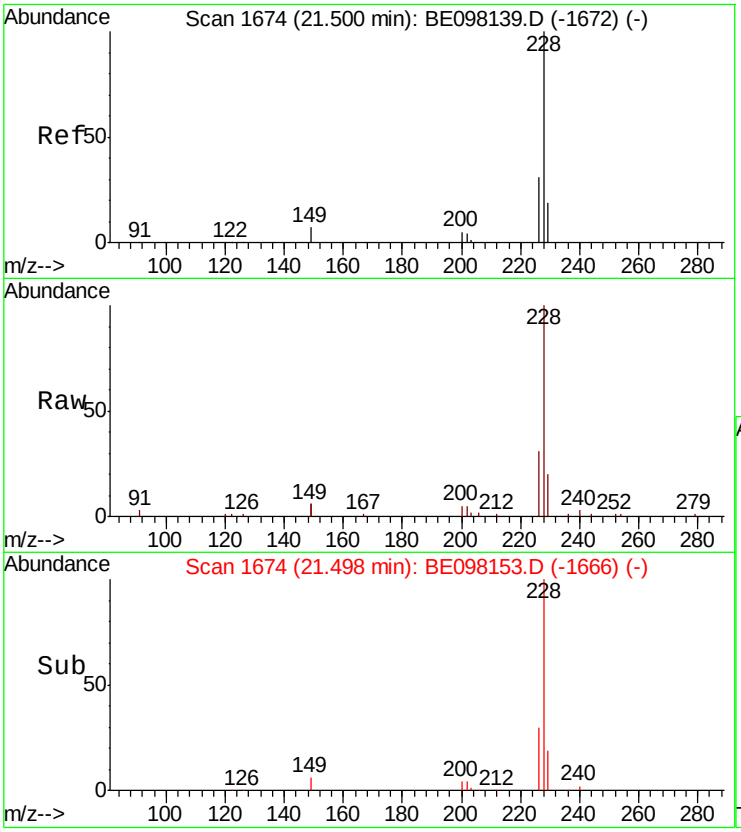


#30
Benzo(a)anthracene
Concen: 0.407 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:228 Resp: 9714

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	20.5	16.9	25.3



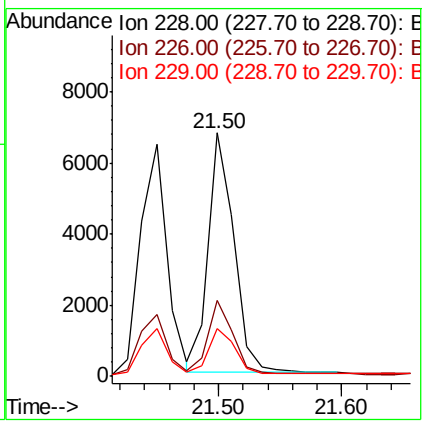


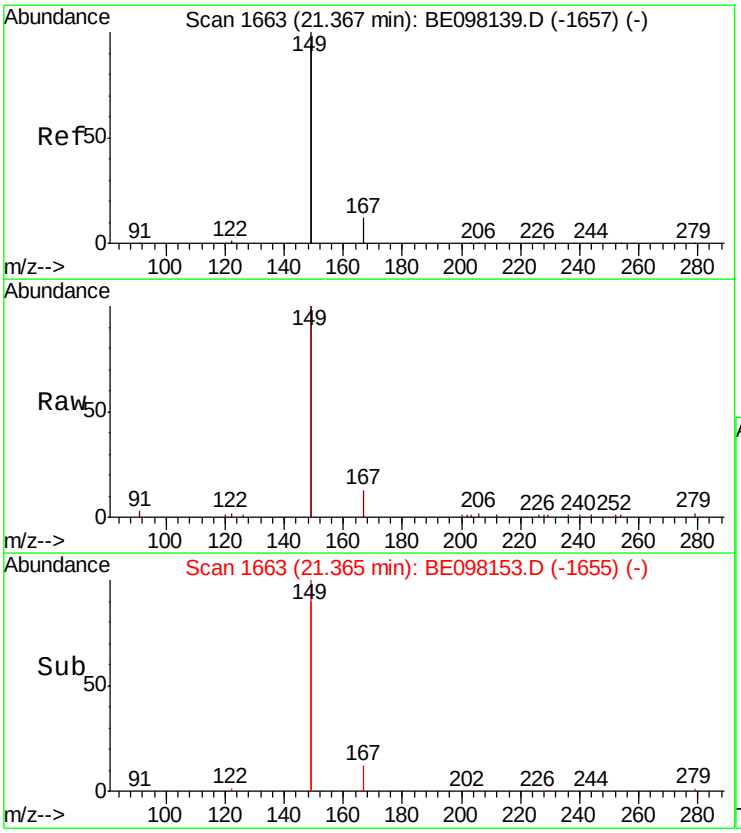
#31
Chrysene
Concen: 0.417 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9848

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	19.8	17.3	25.9

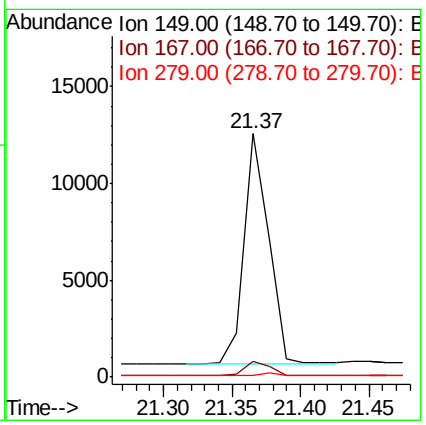


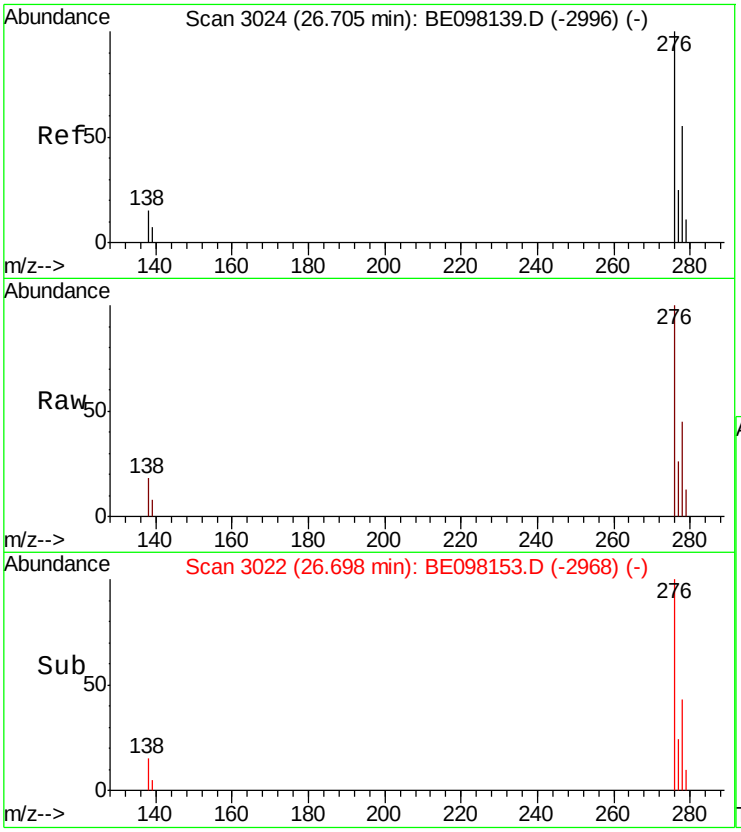


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.132 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:149 Resp: 14982

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.6	8.4
279	1.2	0.9	1.3



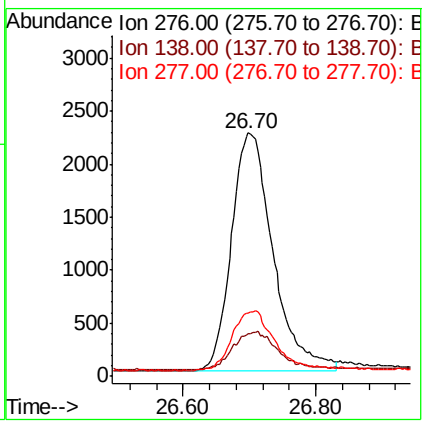


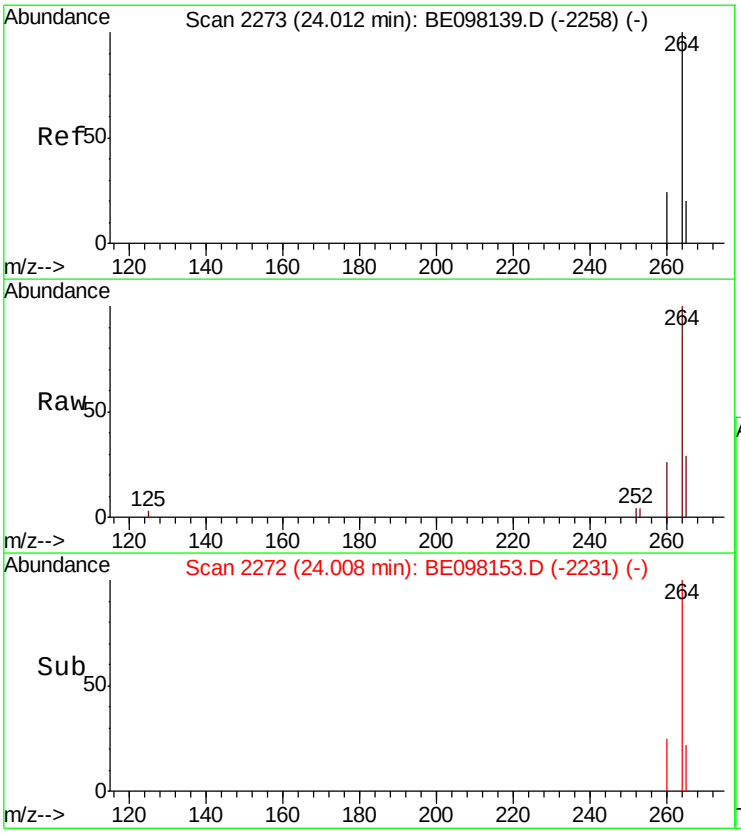
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9787

Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.0	25.6#
277	24.5	20.5	30.7

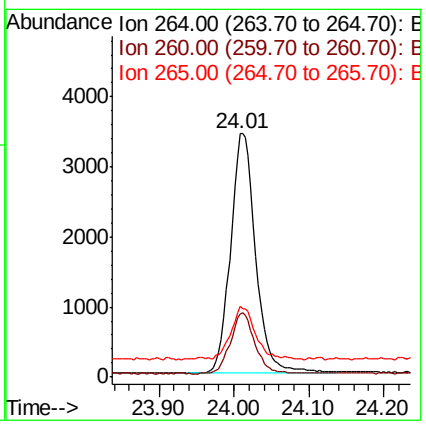


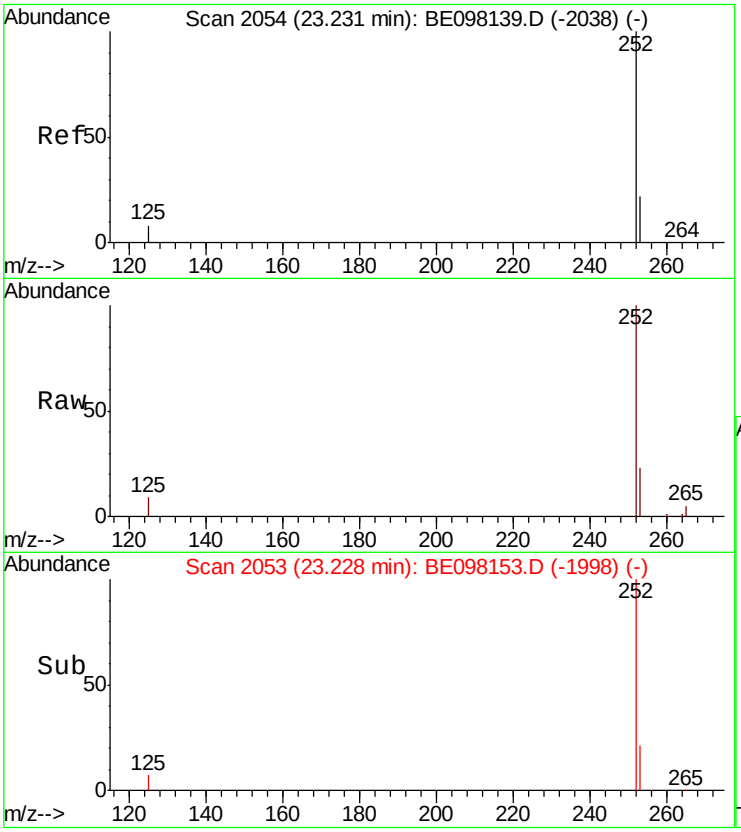


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:264 Resp: 8046

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.1	31.7
265	29.2	29.2	43.8#



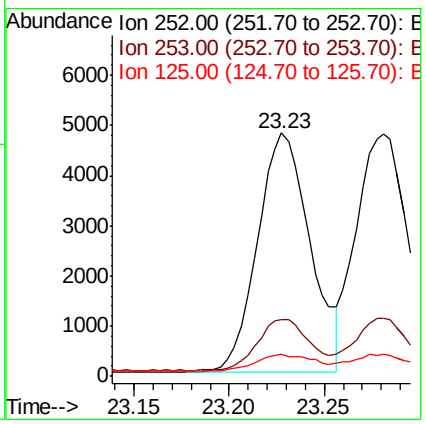


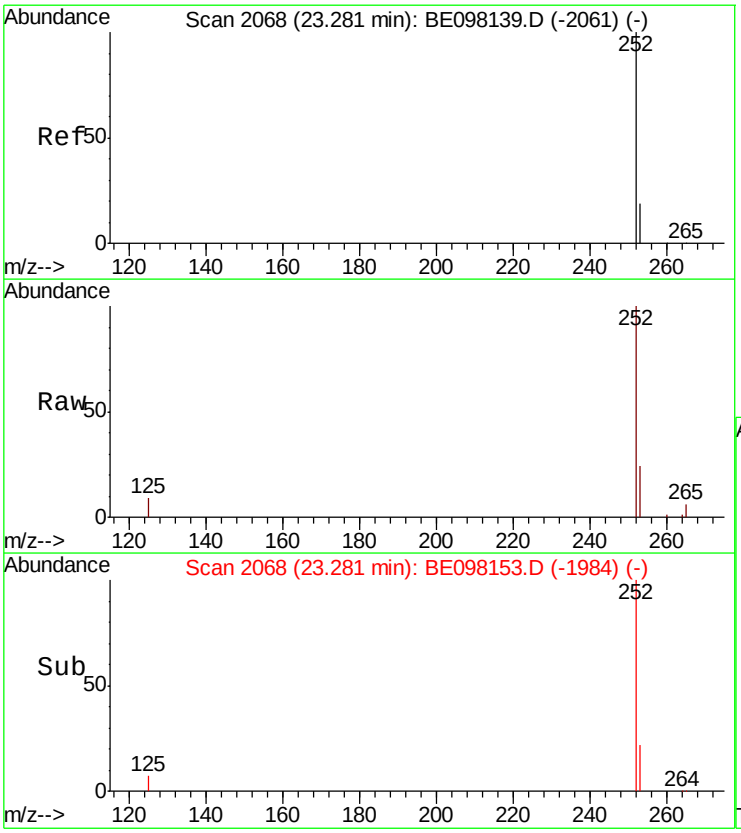
#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 23.23 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9203

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.6	31.0
125	9.2	14.3	21.5#

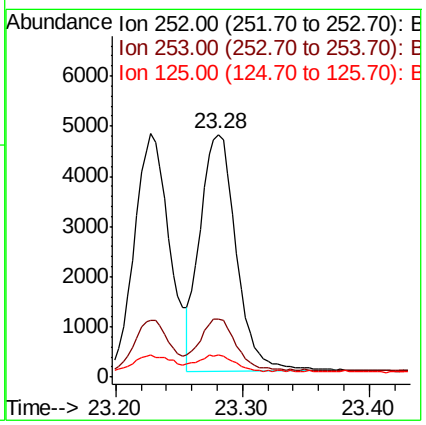


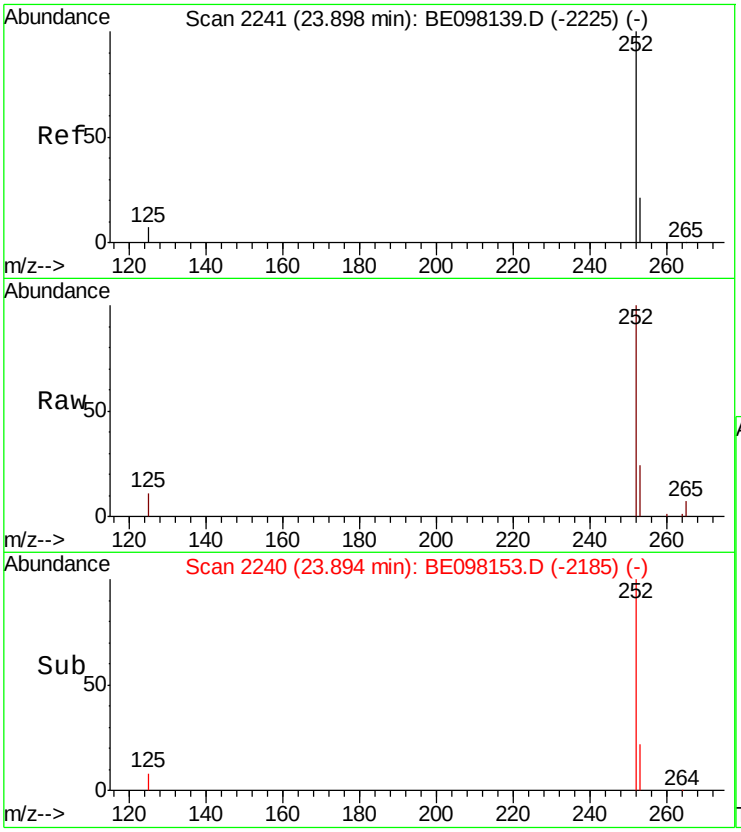


#36
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:252 Resp: 9321

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.4	30.6
125	9.3	14.6	21.8#



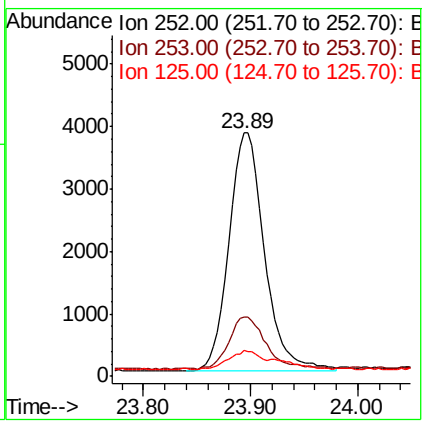


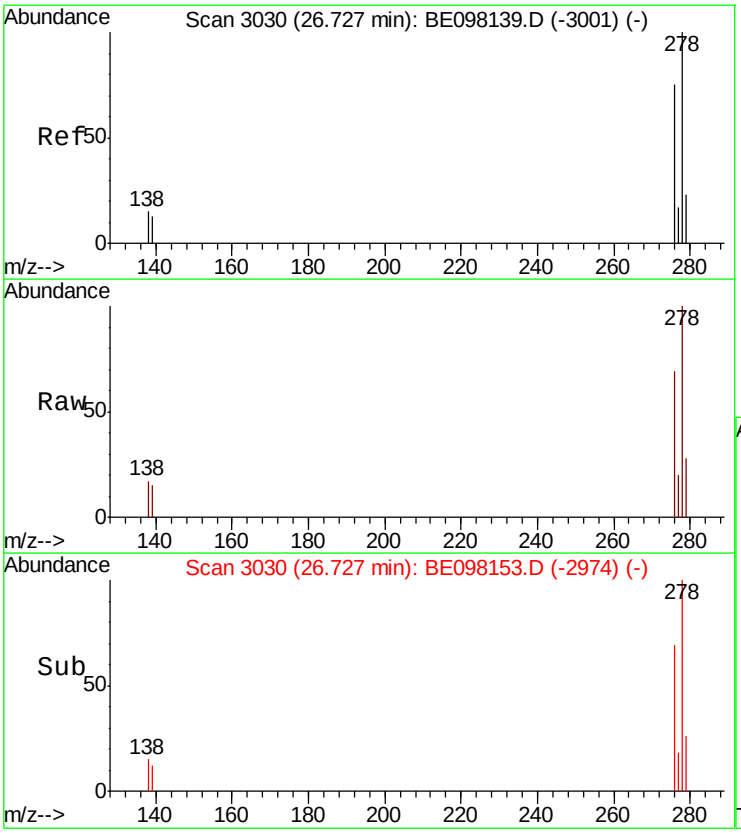
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 8723

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.6	31.0
125	10.9	15.6	23.4#

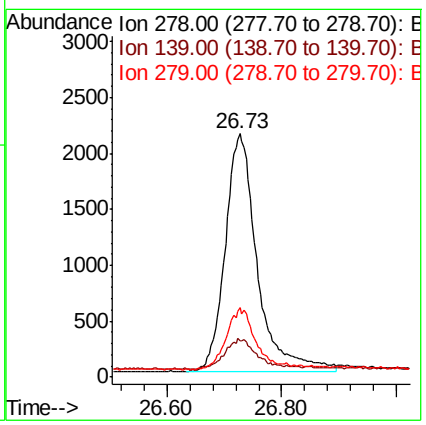


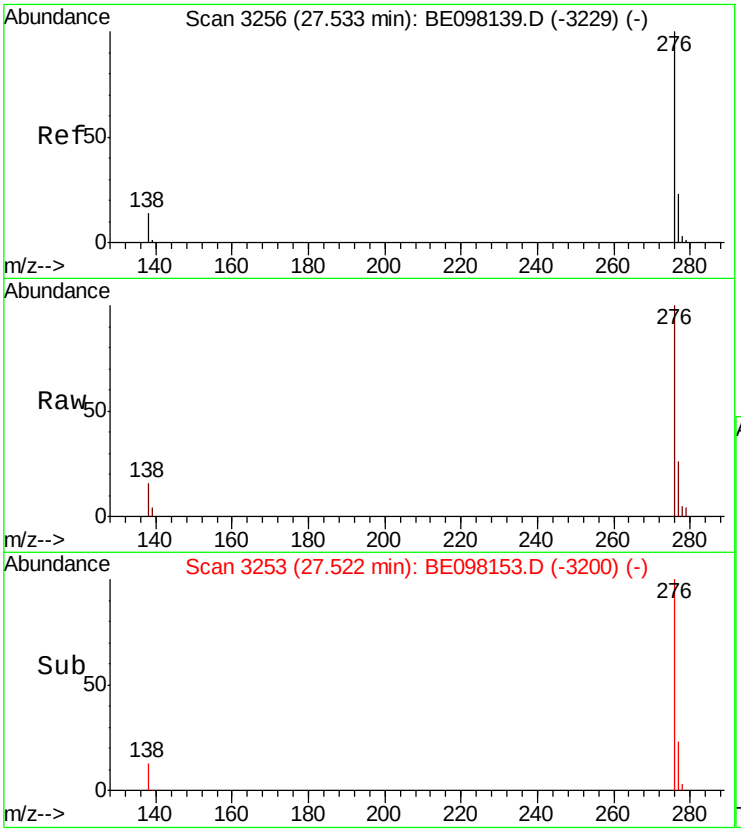


#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:278 Resp: 8222

Ion	Ratio	Lower	Upper
278	100		
139	15.1	16.3	24.5#
279	28.4	21.4	32.2





#39
Benzo(g,h,i)perylene
Concen: 0.396 ng
RT: 27.52 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 8152

Ion	Ratio	Lower	Upper
276	100		
277	25.7	22.1	33.1
138	16.4	19.3	28.9#