Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098647.D
Acq On : 17 Jan 2019 9:53
Operator : SJ/JU
Sample : PB116433BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB116433BS

Quant Time: Jan 17 12:40:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1107	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	5209	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	3337	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	8116	0.40	ng		0.00
27) Chrysene-d12	21.41	240	9192	0.40	ng		0.00
34) Perylene-d12	23.92	264	9175	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	1161	0.39	ng		0.00
5) Phenol-d6	6.99	99	1710	0.41	ng		-0.01
8) Nitrobenzene-d5	8.96	82	1683	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	3171	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	656	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	5072	0.37	ng		0.00
25) Fluoranthene-d10	19.26	212	36609	0.36	ng		0.00
29) Terphenyl-d14	19.86	244	7728	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	732	0.352	ng		97
3) n-Nitrosodimethylamine	3.65	42	622	0.392	ng	#	98
6) bis(2-Chloroethyl)ether	7.23	93	1093	0.344	ng		95
9) Naphthalene	10.65	128	18839	0.363	ng		100
10) Hexachlorobutadiene	10.93	225	1430	0.385	ng		96
12) 2-Methylnaphthalene	12.28	142	3114	0.362	ng		95
16) Acenaphthylene	14.20	152	5489	0.380	ng		98
17) Acenaphthene	14.54	154	3474	0.383	ng		99
18) Fluorene	15.51	166	4475	0.379	ng		98
20) 4-Bromophenyl-phenylether	16.41	248	1593	0.371	ng		94
21) Hexachlorobenzene	16.53	284	1916	0.369	ng		94
22) Pentachlorophenol	16.89	266	693	0.526	ng		98
23) Phenanthrene	17.27	178	7114	0.370	ng		99
24) Anthracene	17.36	178	5828	0.354	ng		98
26) Fluoranthene	19.29	202	8983	0.363	ng		98
28) Pyrene	19.65	202	9263	0.366	ng		99
30) Benzo(a)anthracene	21.39	228	9631	0.390	ng		97
31) Chrysene	21.45	228	9380	0.366	ng		99
32) Bis(2-ethylhexyl)phthalate	21.32	149	18392	0.351	ng		100
33) Indeno(1,2,3-cd)pyrene	26.57	276	10293	0.390	ng		100
35) Benzo(b)fluoranthene	23.15	252	9130	0.365	ng		98
36) Benzo(k)fluoranthene	23.20	252	10158	0.371	ng		98
37) Benzo(a)pyrene	23.81	252	8962	0.365	ng		99
38) Dibenzo(a,h)anthracene	26.59	278	8518	0.391	ng	#	95
39) Benzo(g,h,i)perylene	27.37	276	8738	0.366	ng		98

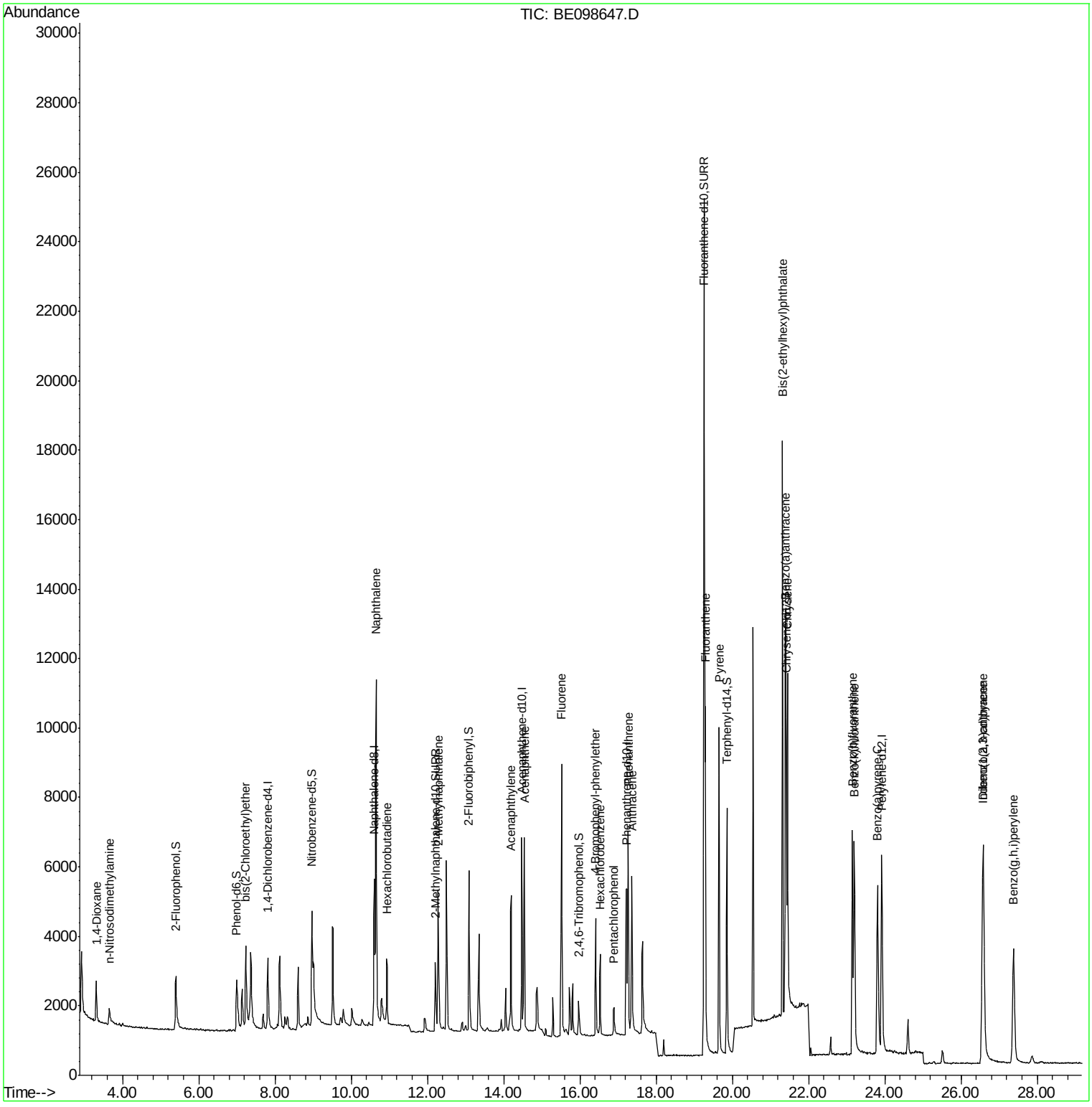
(#) = qualifier out of range (m) = manual integration (+) = signals summed

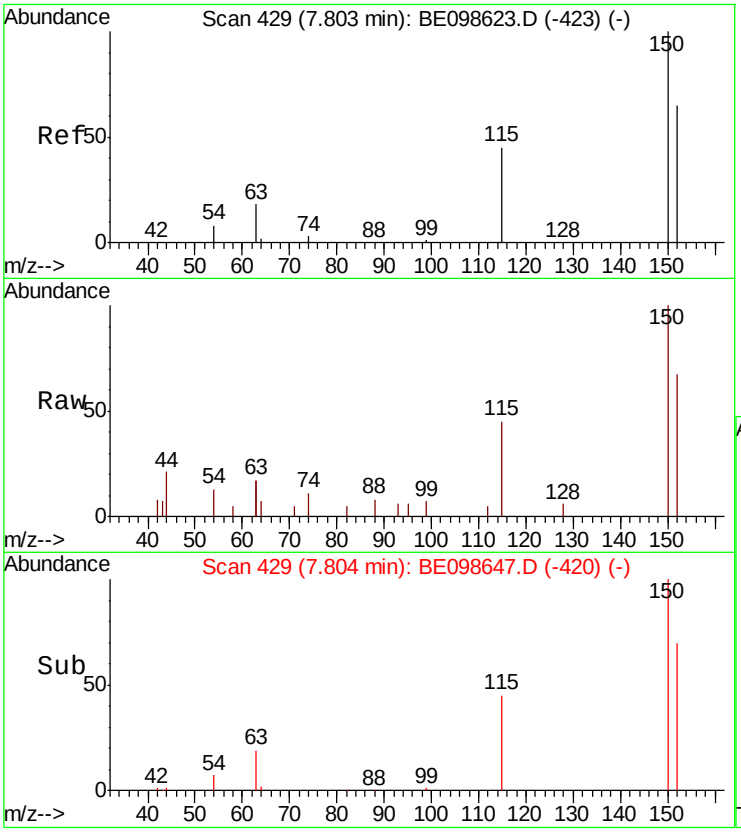
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011719\
Data File : BE098647.D
Acq On : 17 Jan 2019 9:53
Operator : SJ/JU
Sample : PB116433BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Quant Time: Jan 17 12:40:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 15 14:30:55 2019
Response via : Initial Calibration



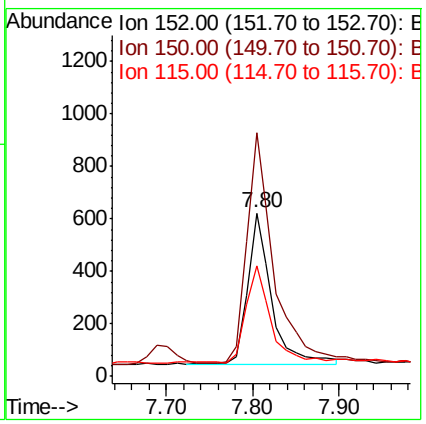


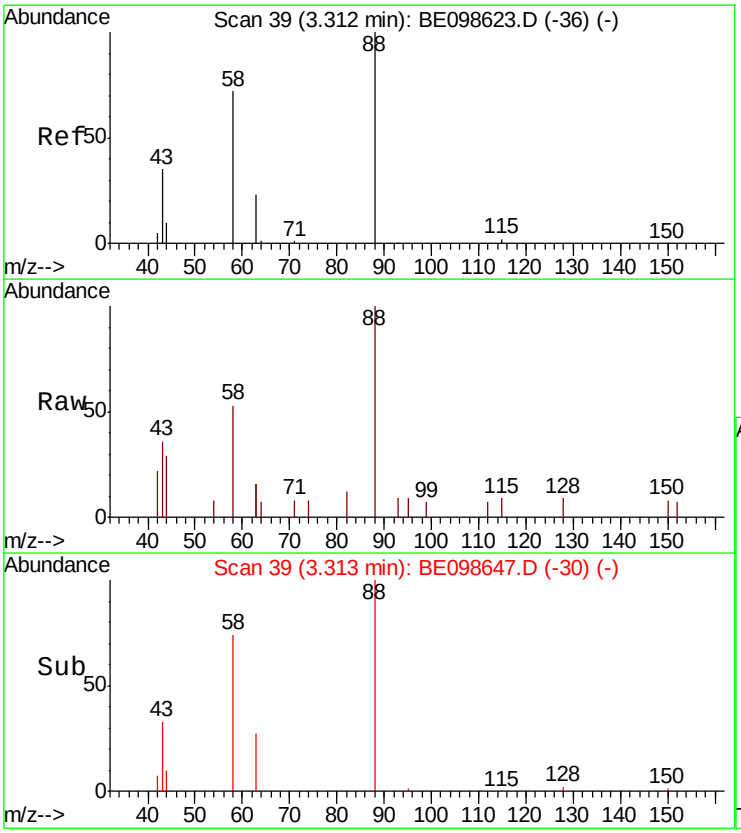
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:152 Resp: 1107

Ion	Ratio	Lower	Upper
152	100		
150	149.4	121.4	182.2
115	67.5	59.1	88.7

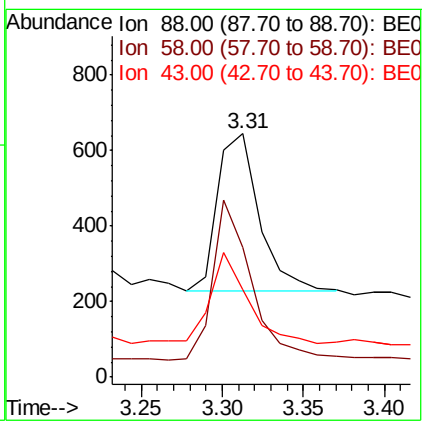


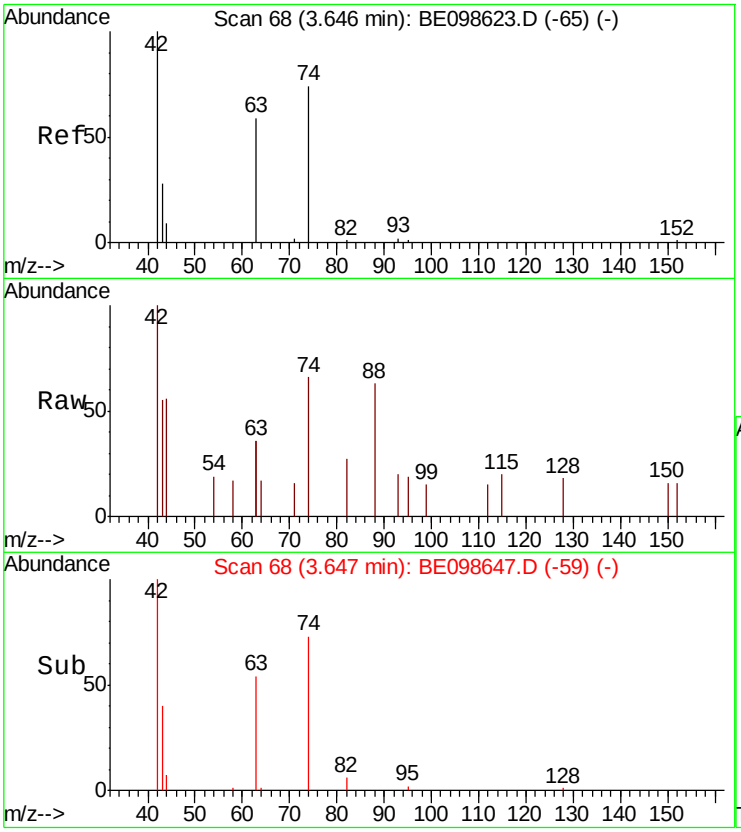


#2
1,4-Dioxane
Concen: 0.352 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion: 88 Resp: 732

Ion	Ratio	Lower	Upper
88	100		
58	94.7	73.9	110.9
43	51.4	43.7	65.5



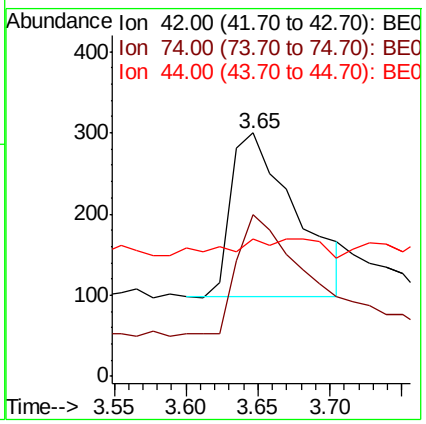


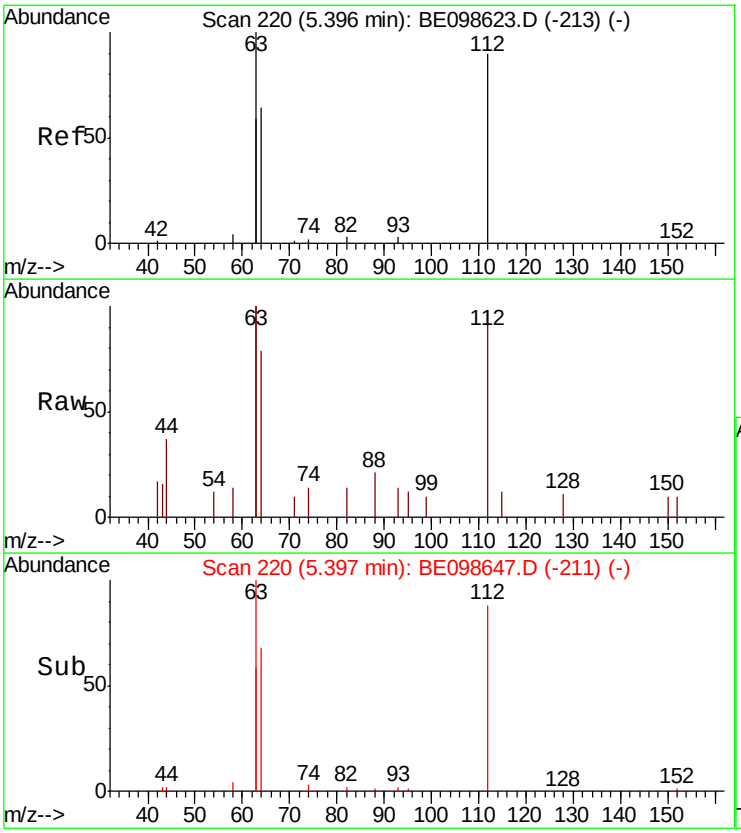
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion: 42 Resp: 622

Ion	Ratio	Lower	Upper
42	100		
74	71.5	58.9	88.3
44	0.0	0.0	0.0

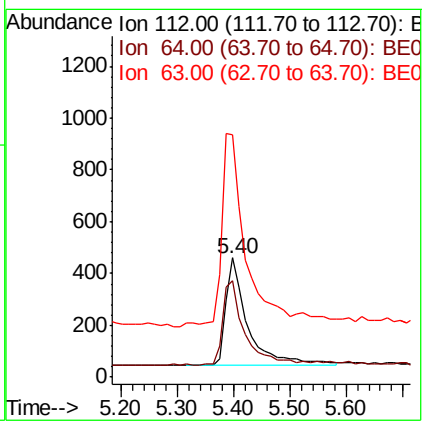


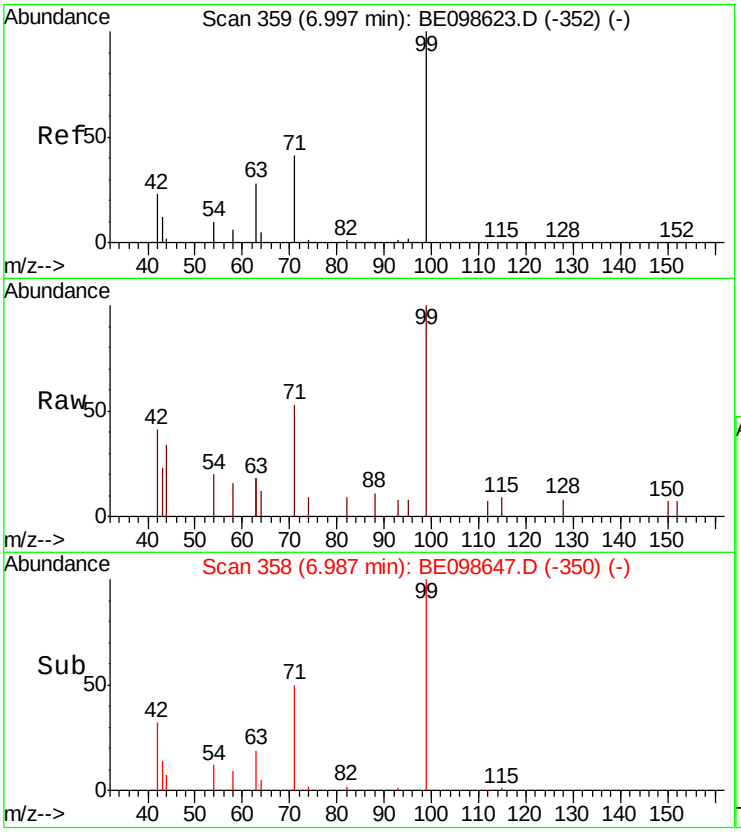


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:112 Resp: 1161

Ion	Ratio	Lower	Upper
112	100		
64	77.7	62.9	94.3
63	186.0	152.2	228.4



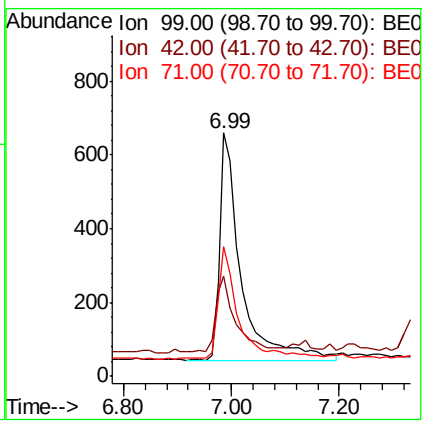


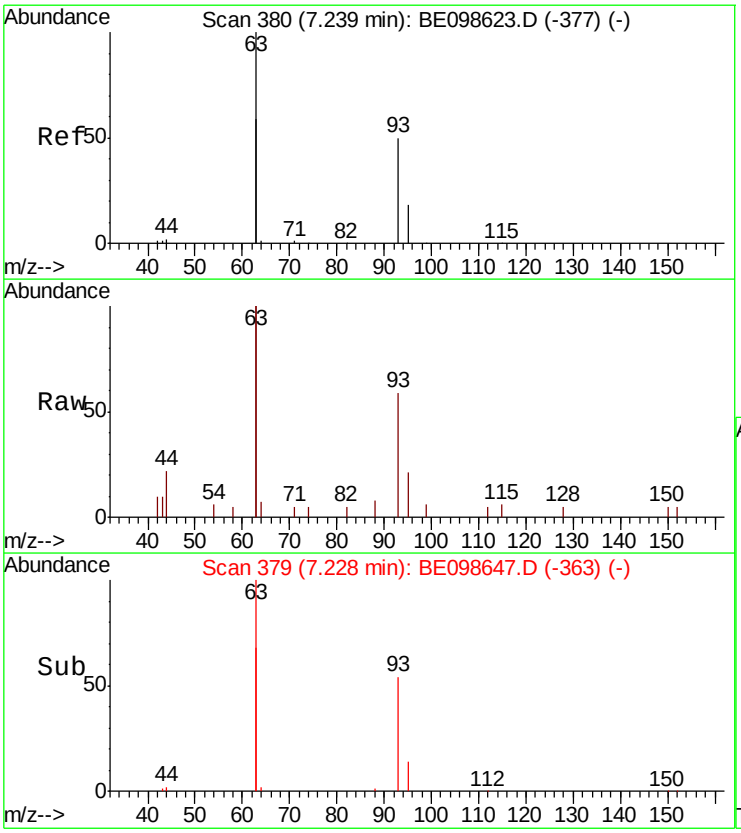
#5
Phenol-d6
Concen: 0.407 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.01 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion: 99 Resp: 1710

Ion	Ratio	Lower	Upper
99	100		
42	31.1	24.6	37.0
71	46.7	35.1	52.7

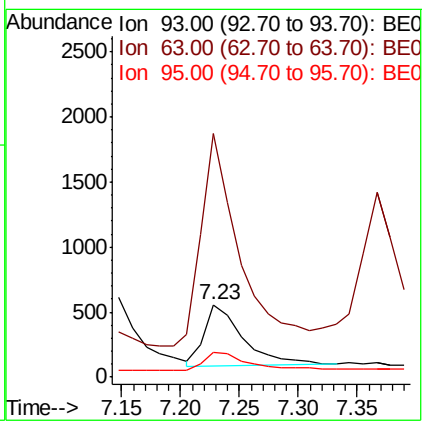


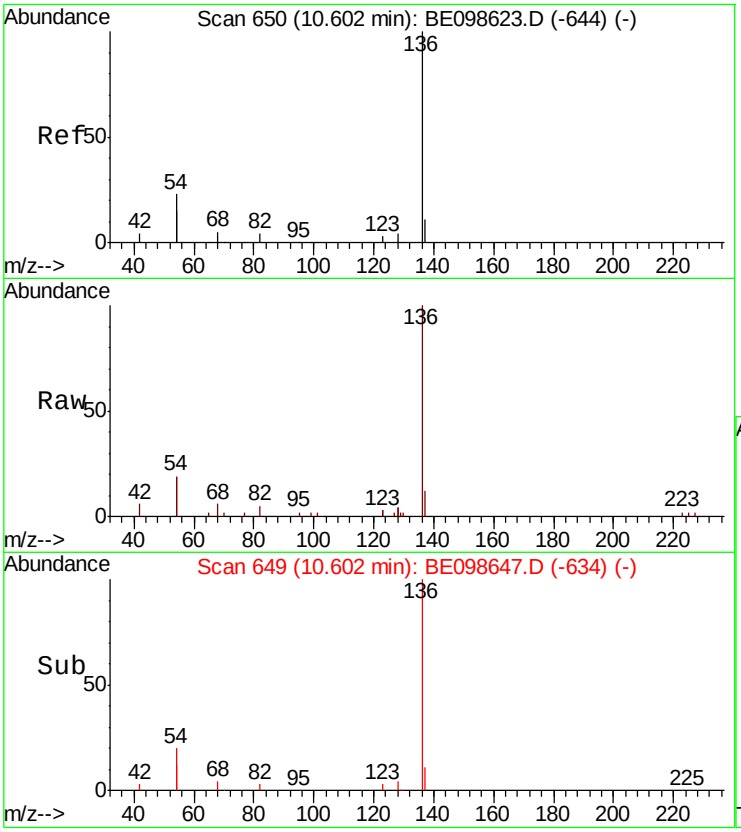


#6
bis(2-Chloroethyl)ether
Concen: 0.344 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion: 93 Resp: 1093

Ion	Ratio	Lower	Upper
93	100		
63	342.6	267.3	400.9
95	38.9	26.2	39.4



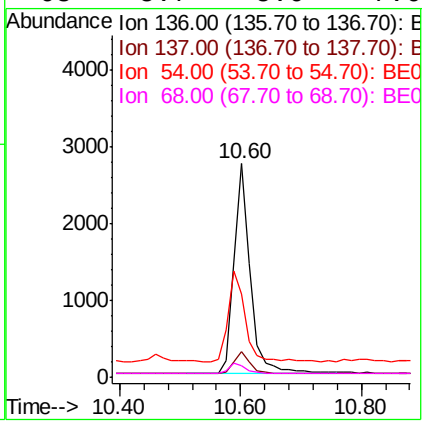


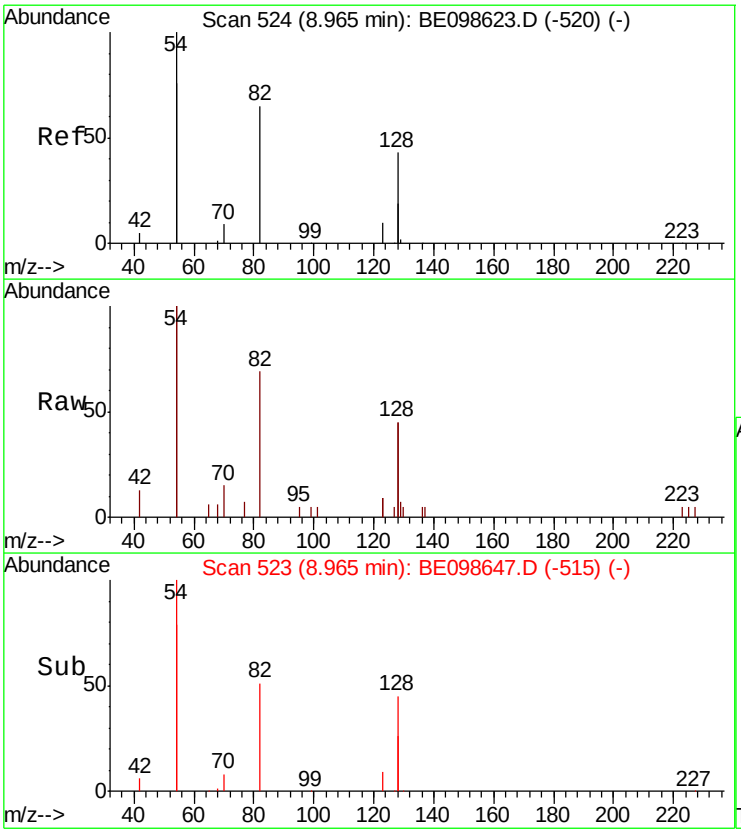
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:136 Resp: 5209

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	38.7	35.5	53.3
68	5.7	5.0	7.6

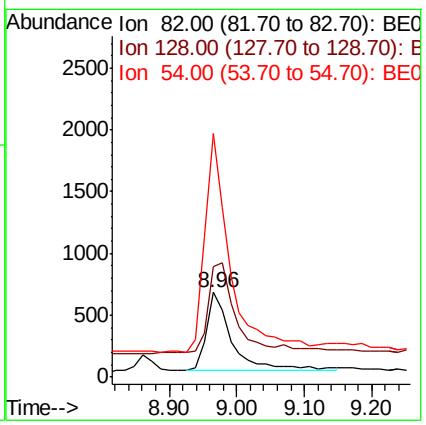


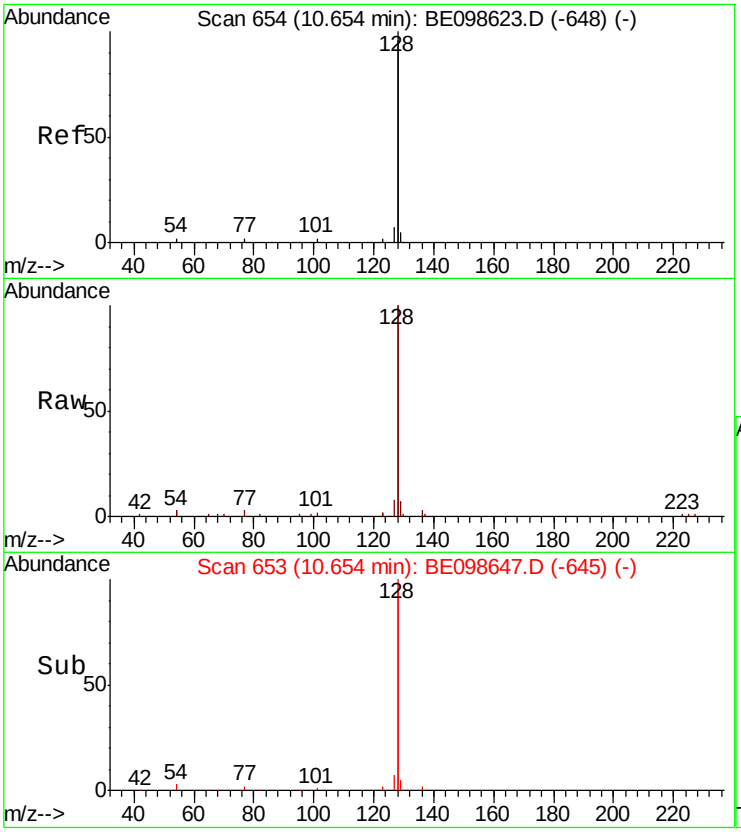


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion: 82 Resp: 1683

Ion	Ratio	Lower	Upper
82	100		
128	130.4	96.5	144.7
54	288.0	224.7	337.1



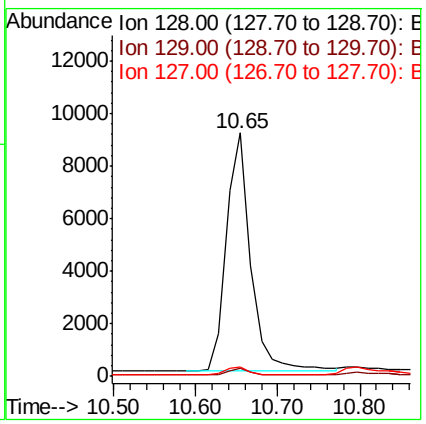


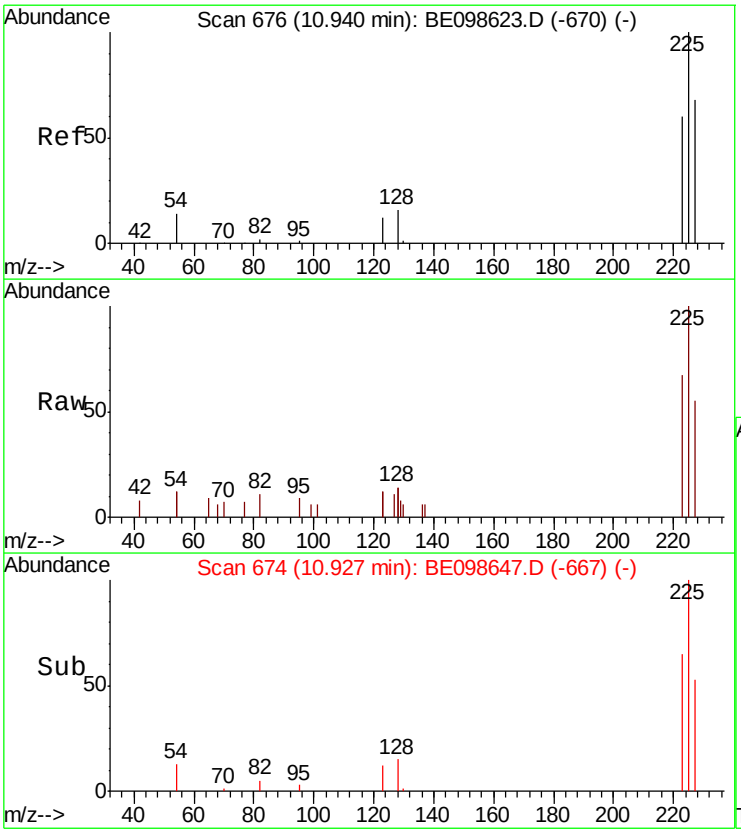
#9
Naphthalene
Concen: 0.363 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:128 Resp: 18839

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.6	3.8
127	3.9	3.0	4.6

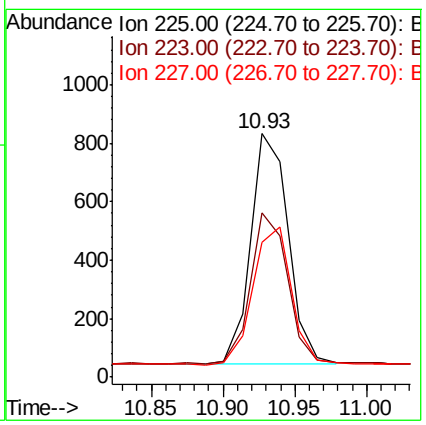


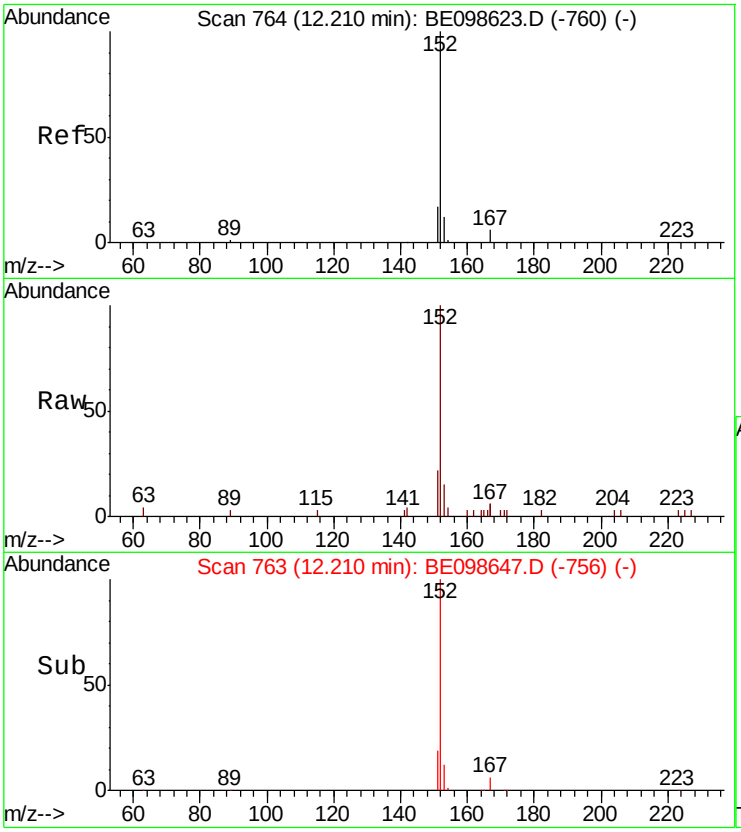


#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.01 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:225 Resp: 1430

Ion	Ratio	Lower	Upper
225	100		
223	64.8	47.8	71.8
227	61.3	50.5	75.7



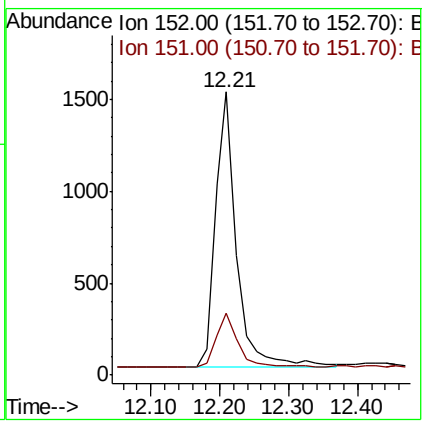


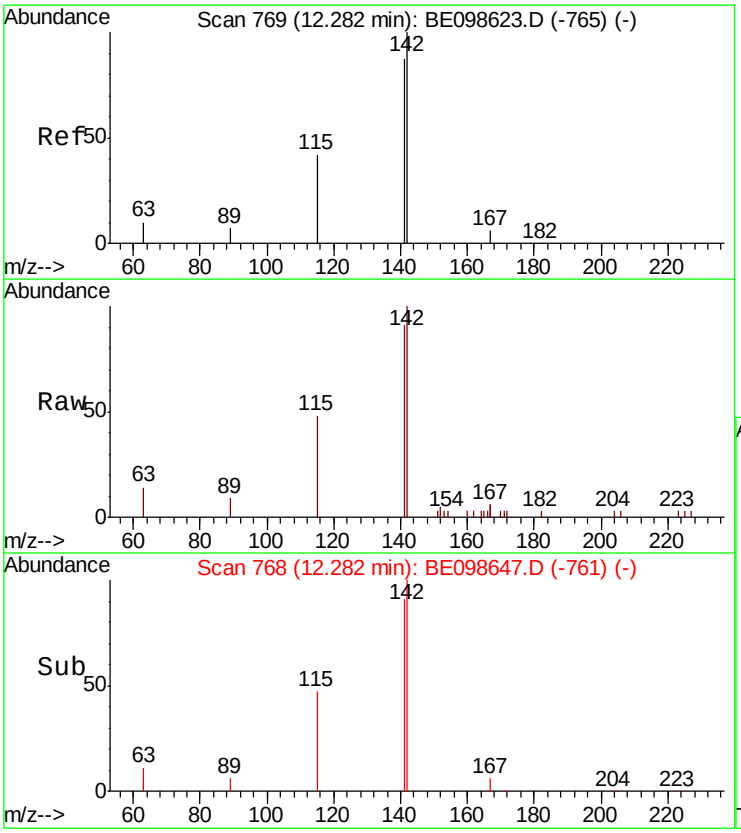
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:152 Resp: 3171

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4

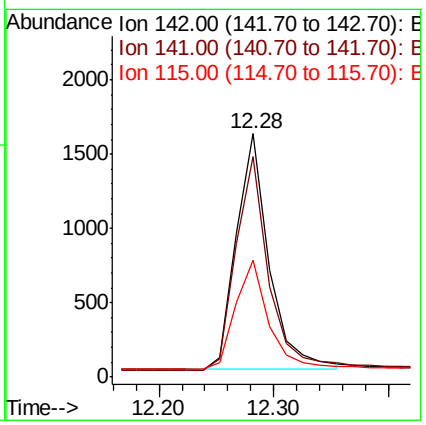


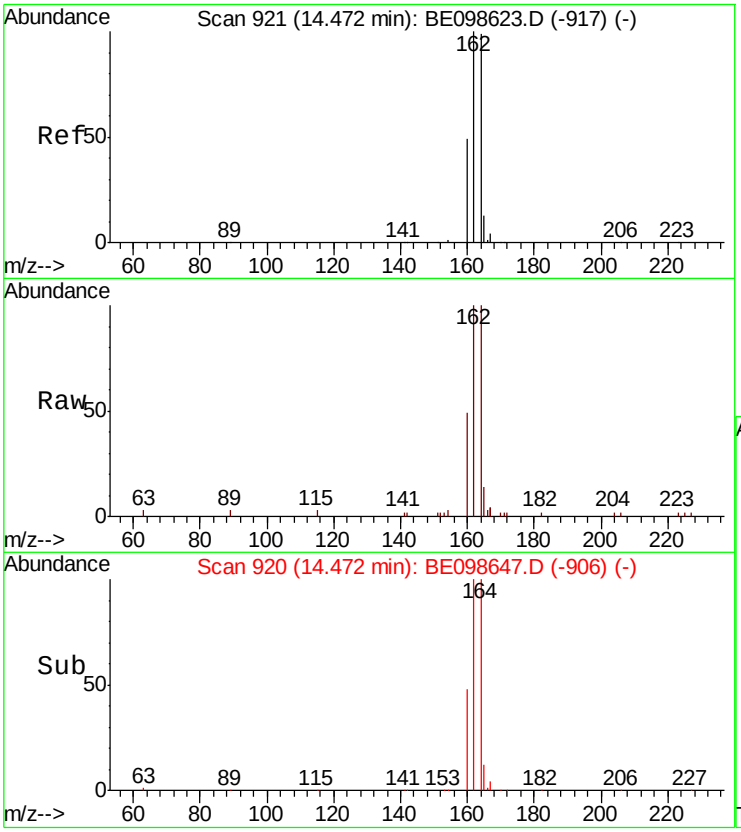


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:142 Resp: 3114

Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.0	105.0
115	48.2	35.2	52.8



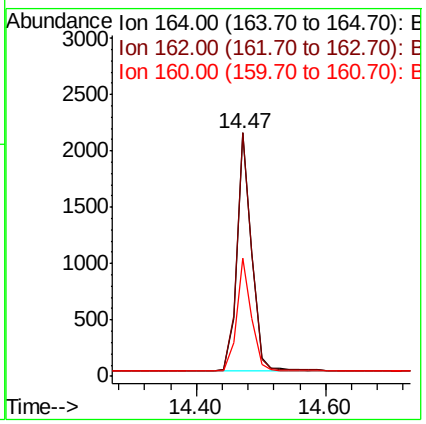


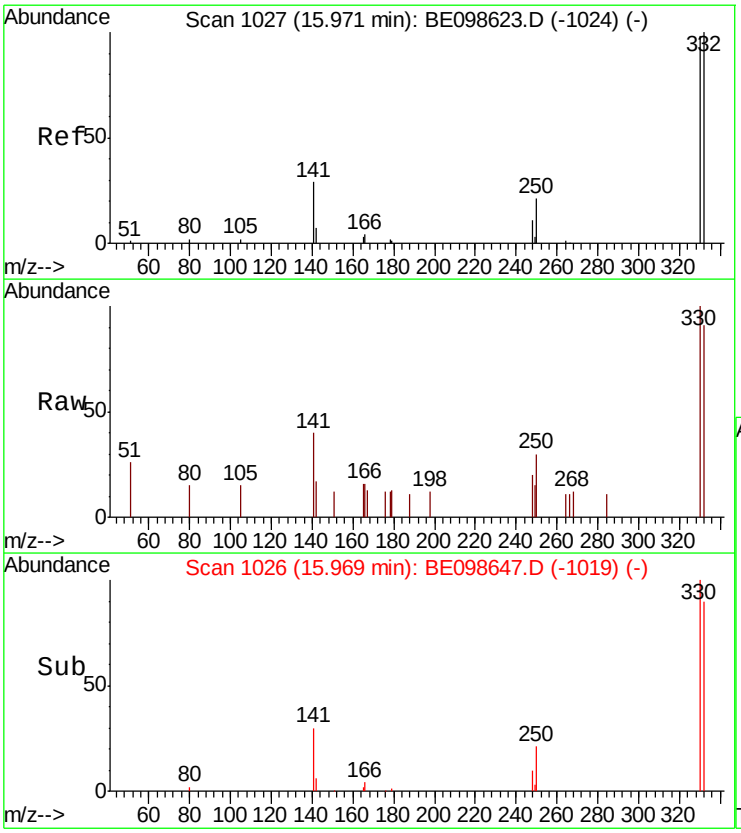
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:164 Resp: 3337

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.5	120.7
160	48.7	40.1	60.1

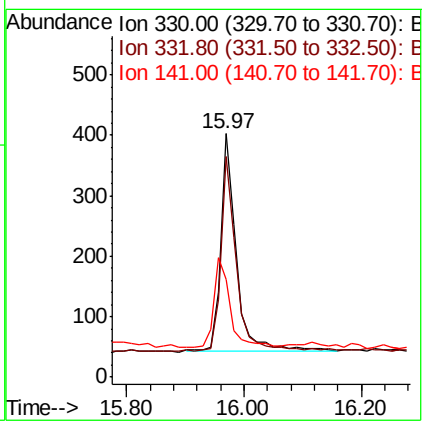


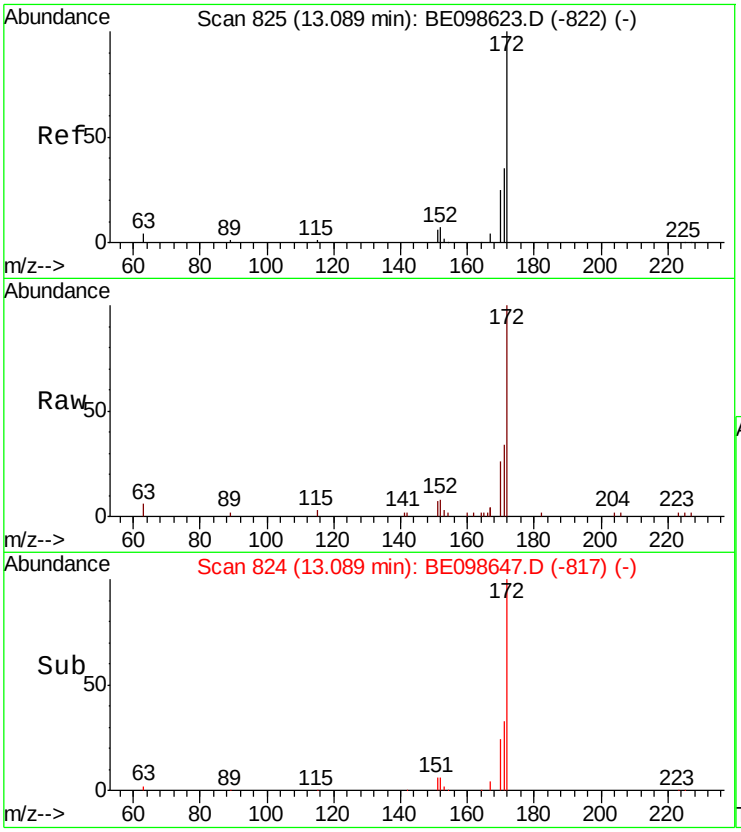


#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:330 Resp: 656

Ion	Ratio	Lower	Upper
330	100		
332	90.2	73.3	109.9
141	43.0	33.1	49.7



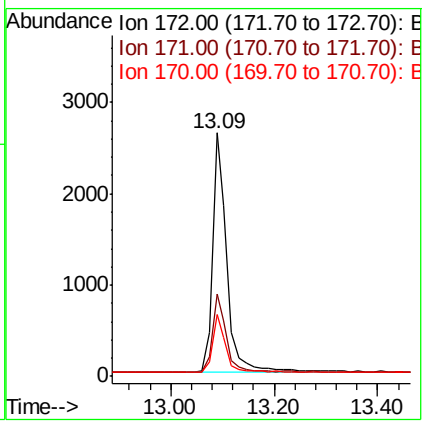


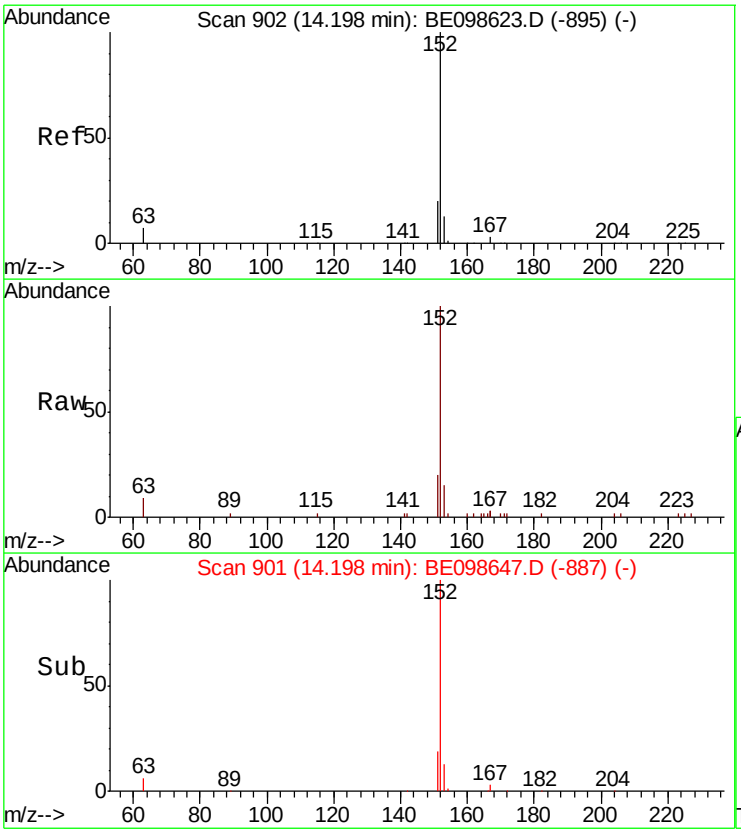
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:172 Resp: 5072

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.0	43.4
170	25.6	20.8	31.2

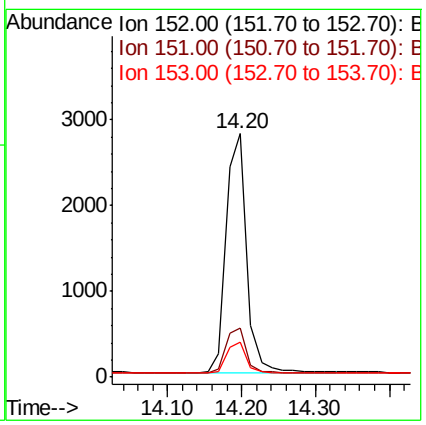


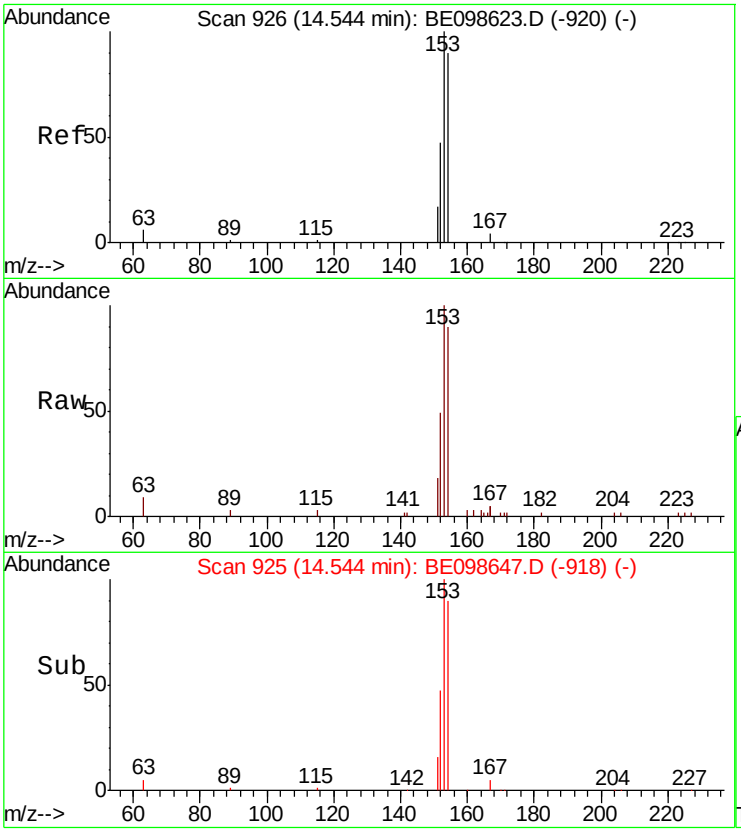


#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:152 Resp: 5489

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	13.1	10.7	16.1



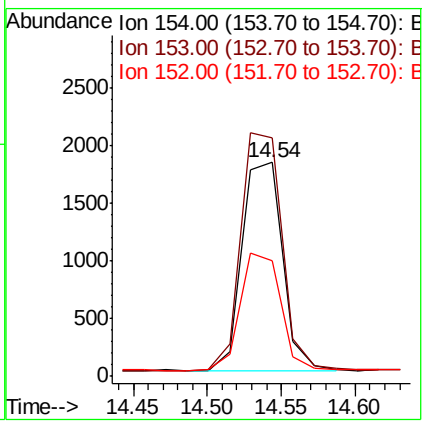


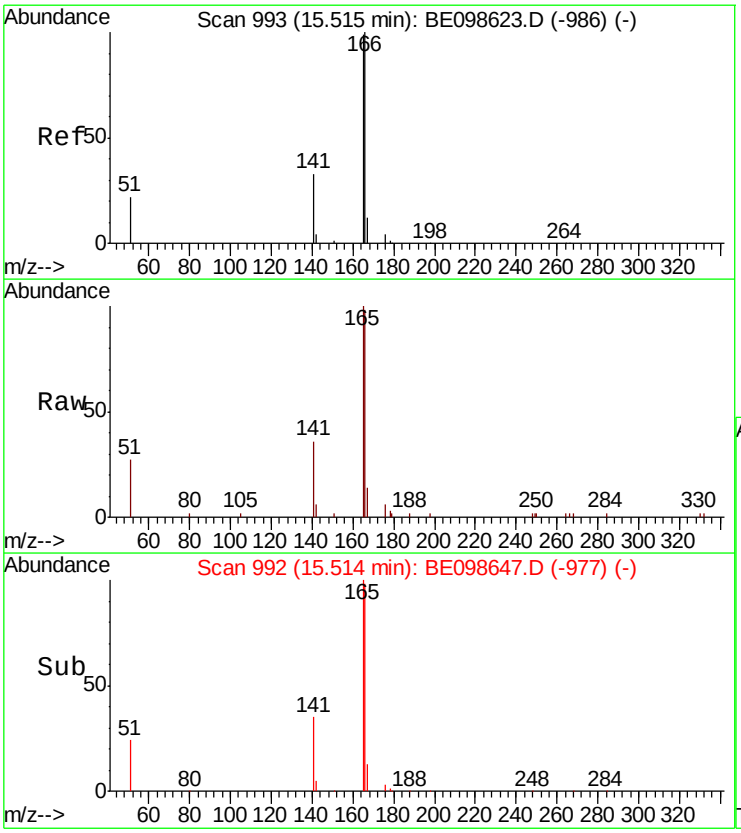
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:154 Resp: 3474

Ion	Ratio	Lower	Upper
154	100		
153	115.9	93.9	140.9
152	56.3	45.8	68.8

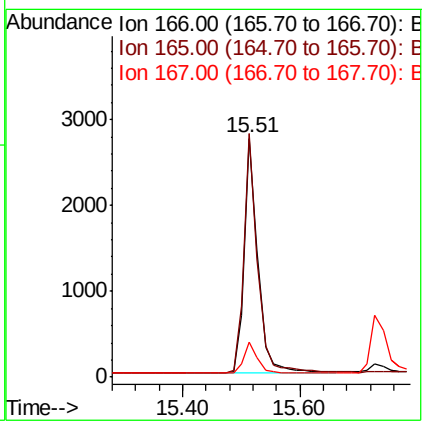


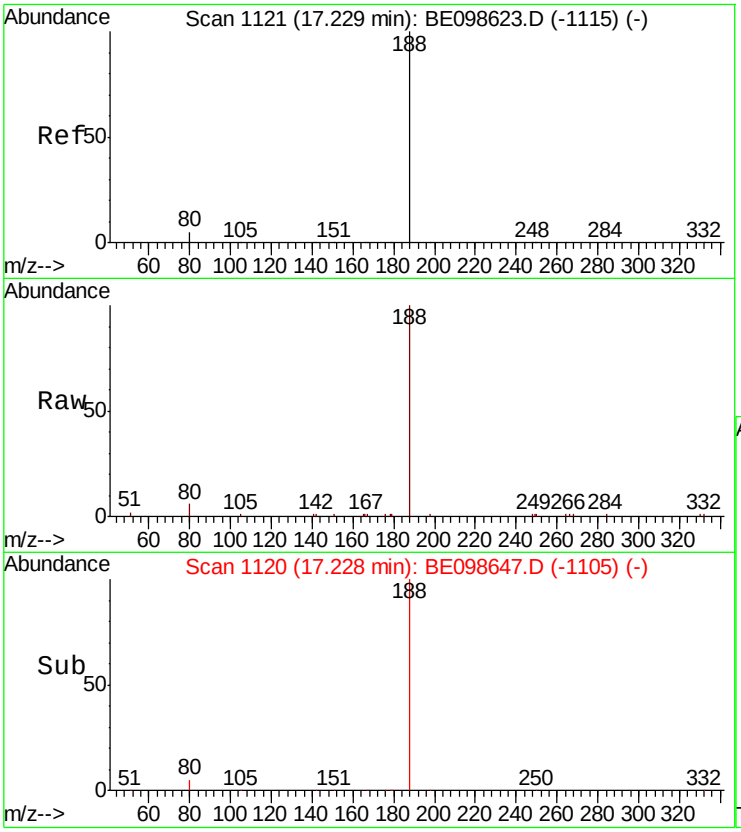


#18
Fluorene
Concen: 0.379 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:166 Resp: 4475

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.3	118.9
167	13.5	10.6	15.8



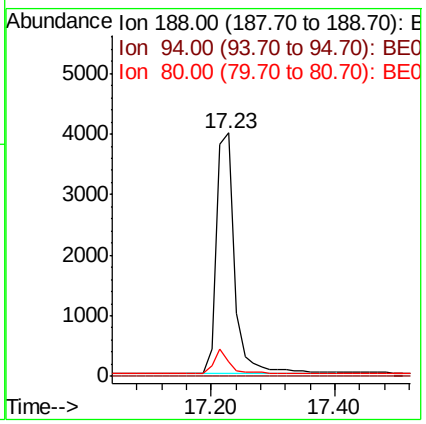


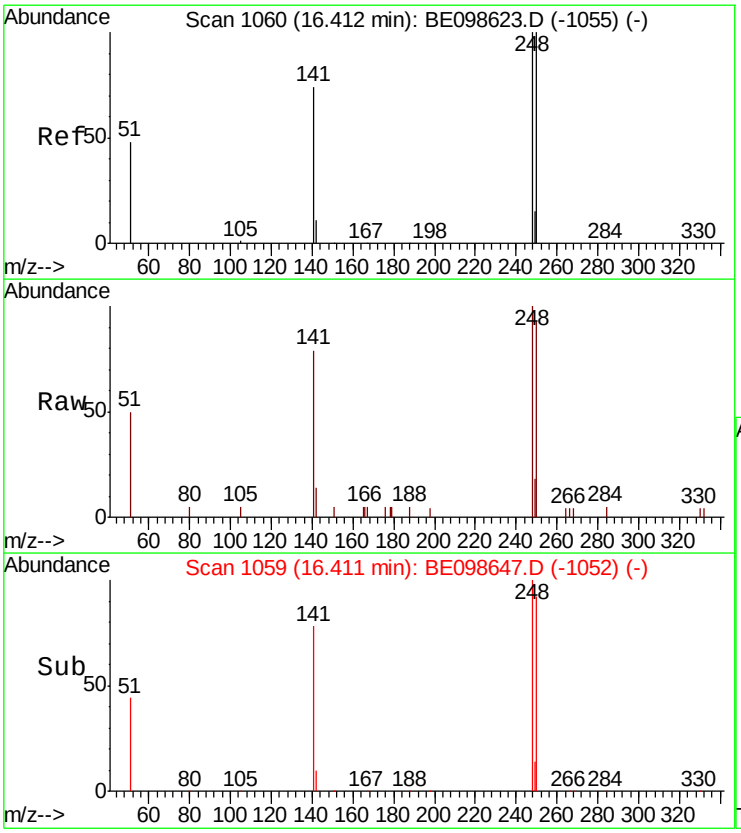
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:188 Resp: 8116

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	4.7	7.1

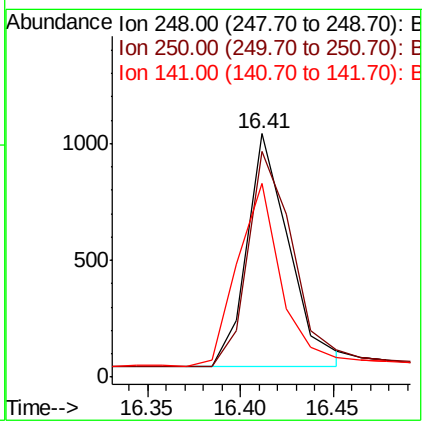


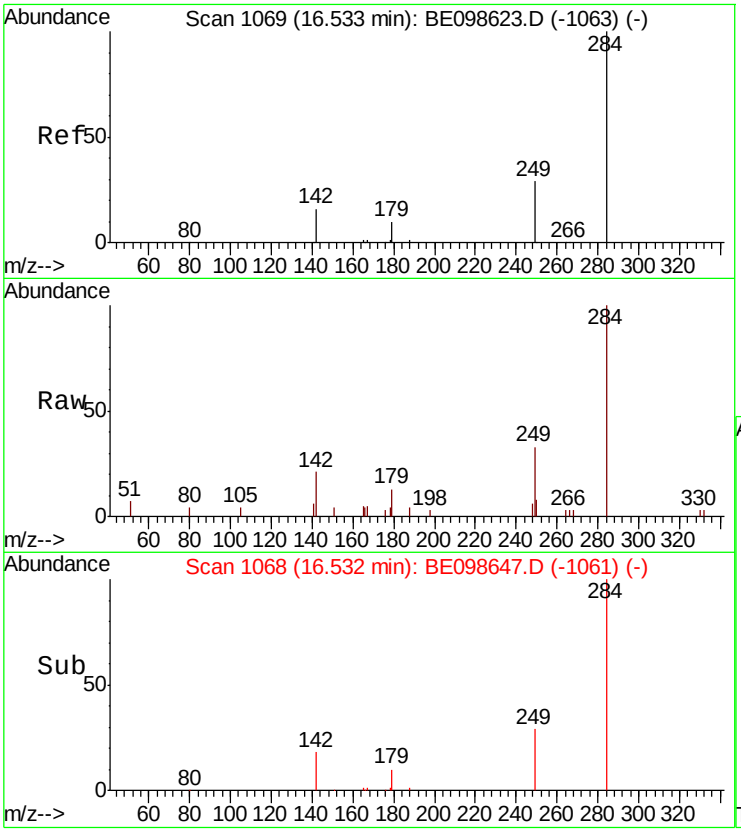


#20
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.41 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:248 Resp: 1593

Ion	Ratio	Lower	Upper
248	100		
250	92.9	80.2	120.4
141	79.5	60.5	90.7



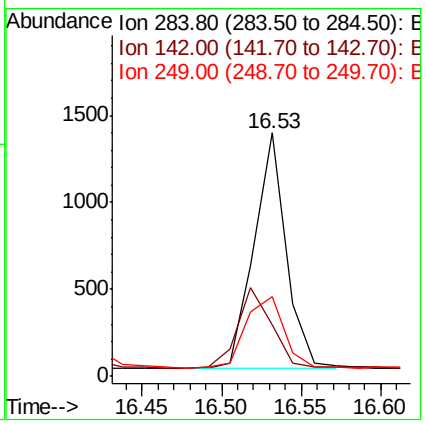


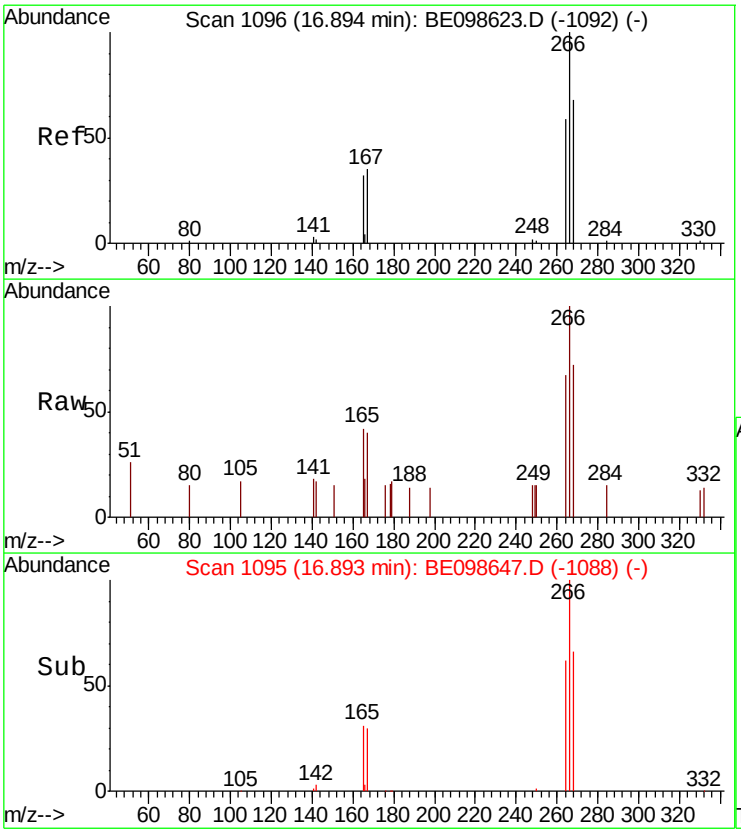
#21
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:284 Resp: 1916

Ion	Ratio	Lower	Upper
284	100		
142	35.5	25.5	38.3
249	35.9	26.6	39.8

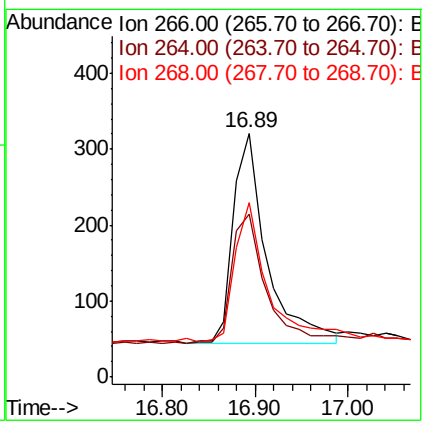


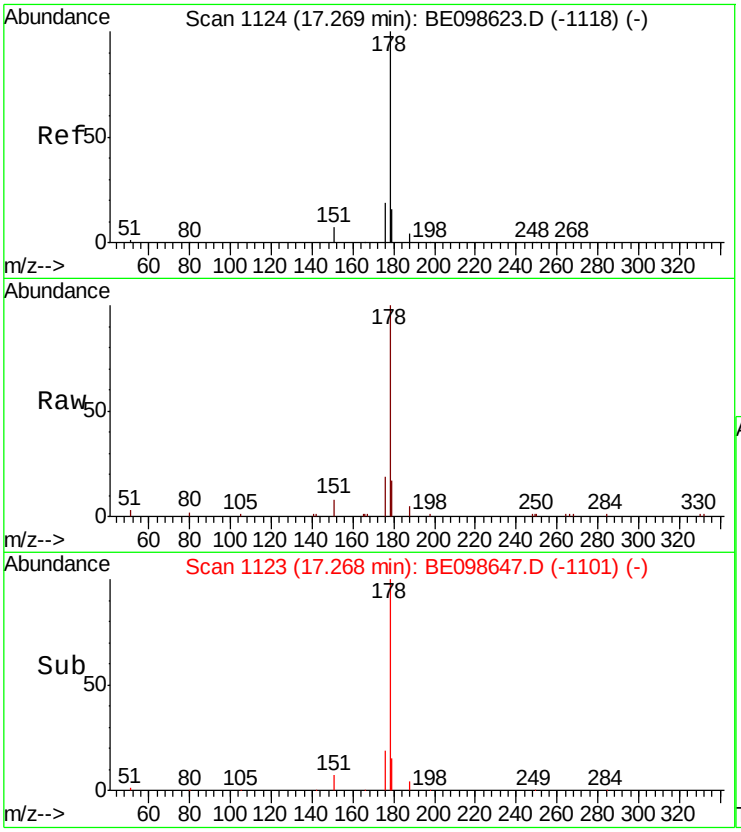


#22
Pentachlorophenol
Concen: 0.526 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:266 Resp: 693

Ion	Ratio	Lower	Upper
266	100		
264	67.0	53.7	80.5
268	71.7	59.8	89.8



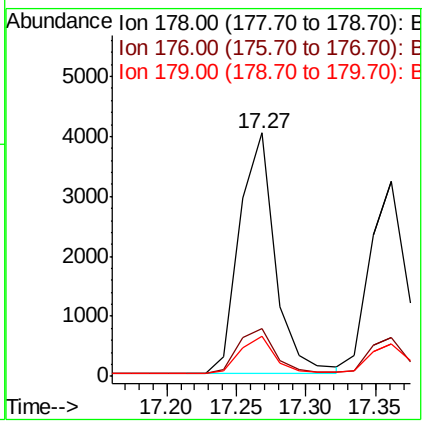


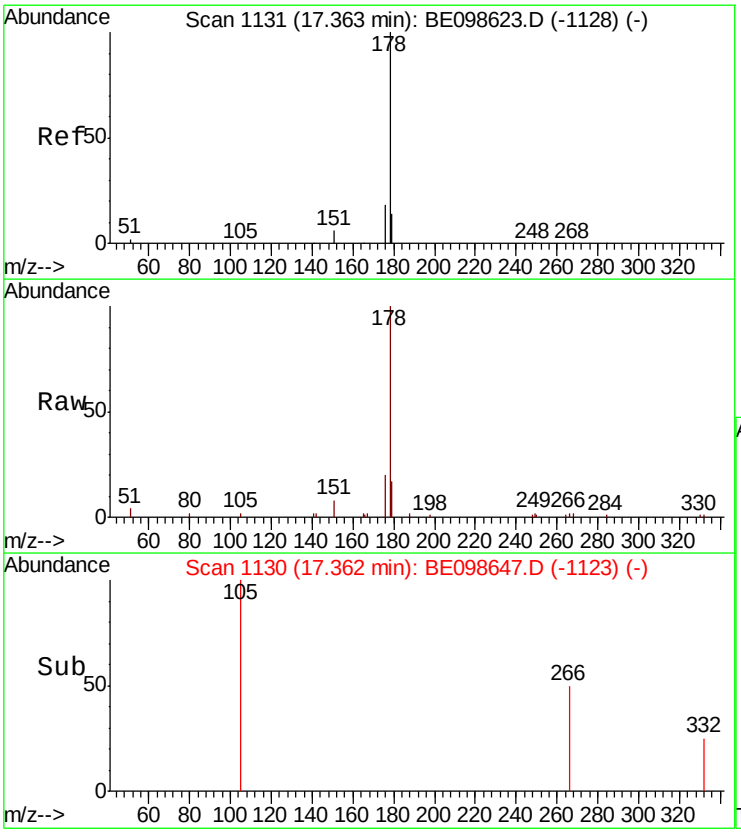
#23
Phenanthrene
Concen: 0.370 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:178 Resp: 7114

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.4	12.2	18.4

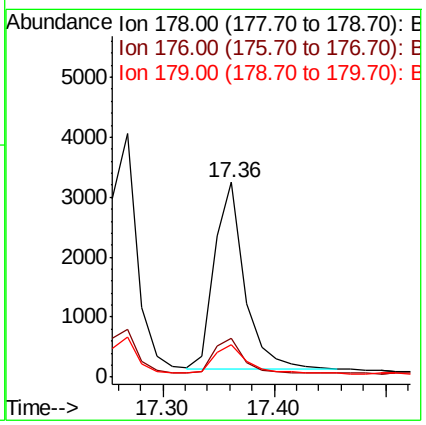


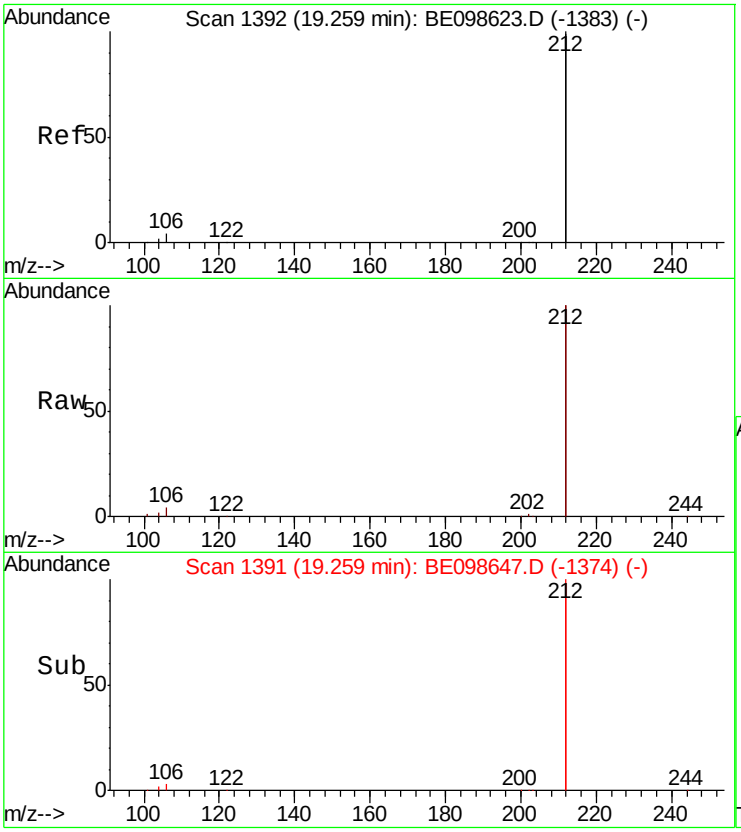


#24
Anthracene
Concen: 0.354 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:178 Resp: 5828

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.5	11.8	17.8



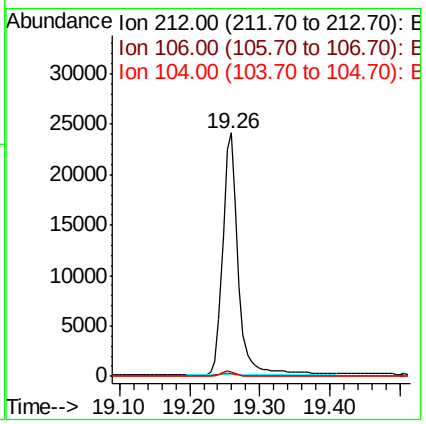


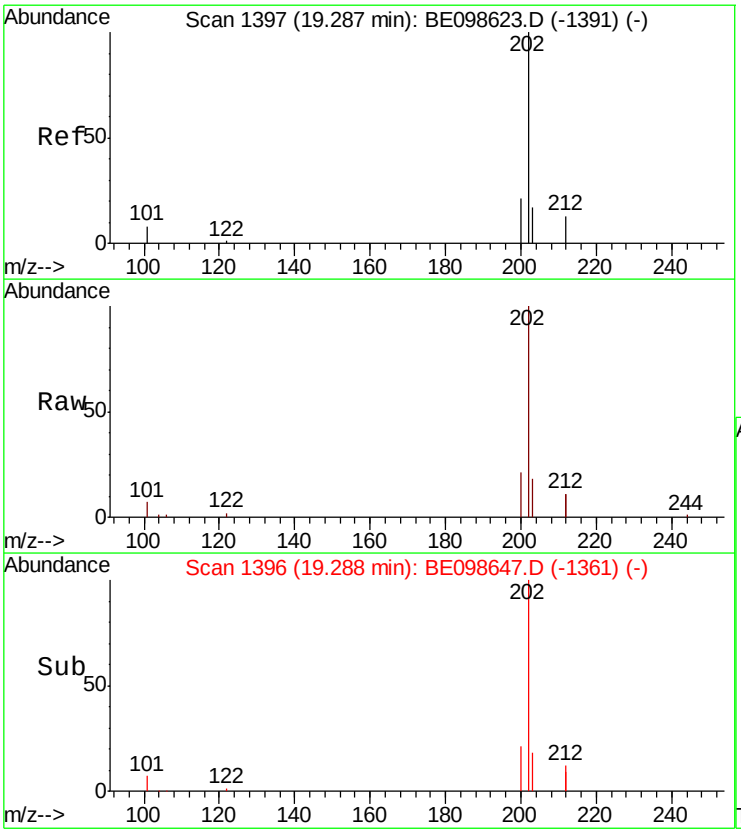
#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:212 Resp: 36609

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.7	2.5
104	1.2	1.0	1.6

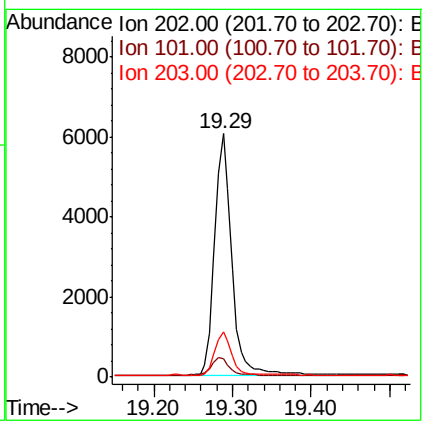


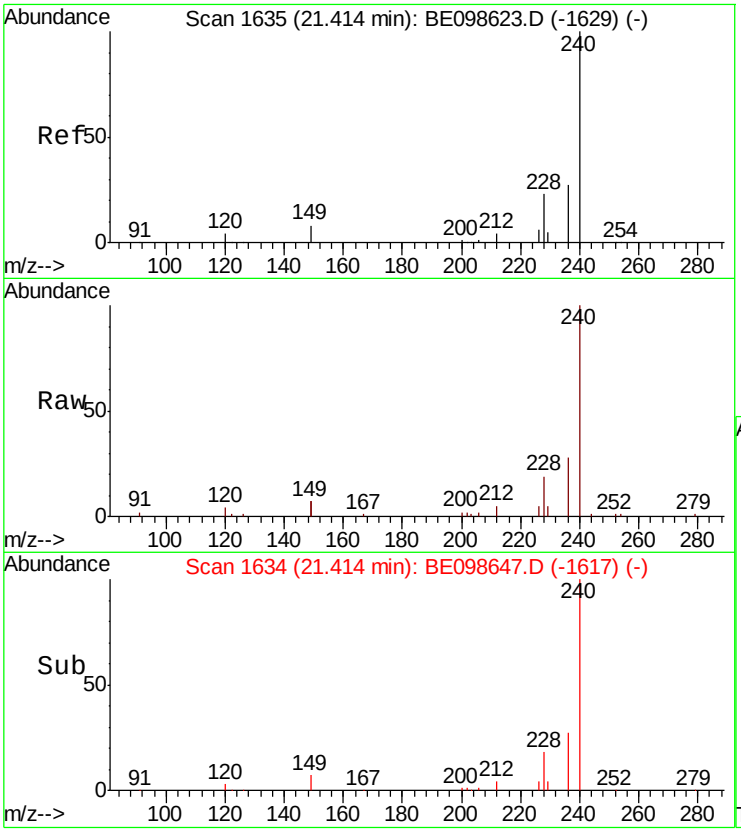


#26
Fluoranthene
Concen: 0.363 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:202 Resp: 8983

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
203	17.0	13.3	19.9



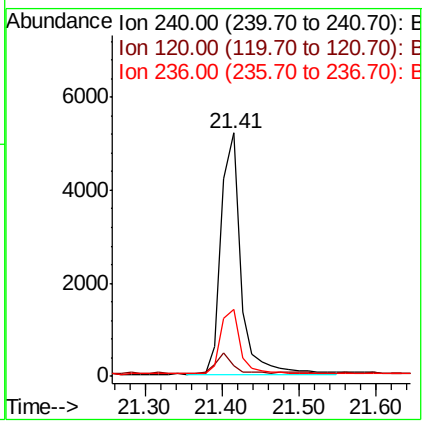


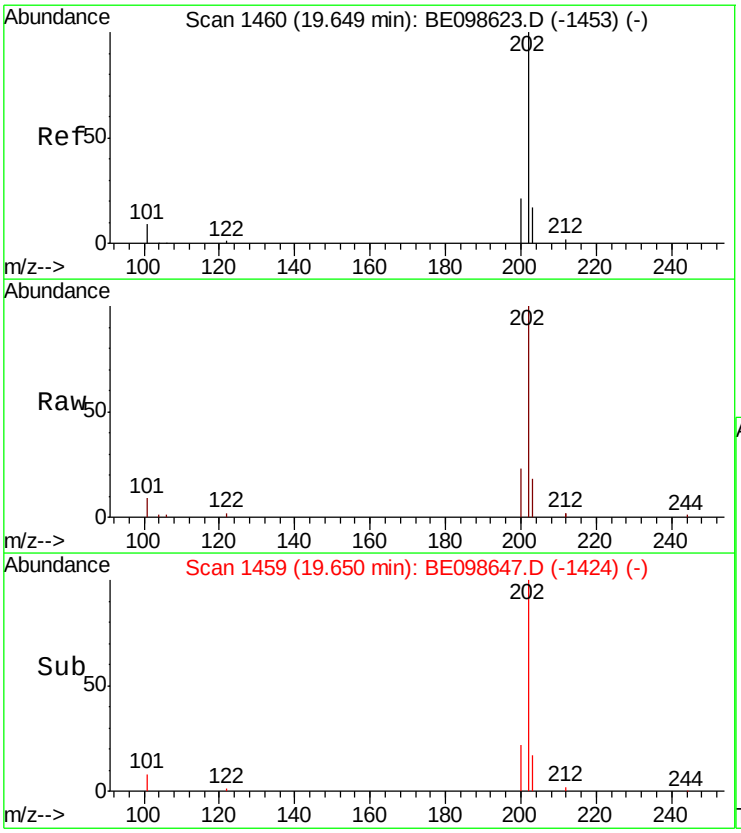
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:240 Resp: 9192

Ion	Ratio	Lower	Upper
240	100		
120	4.2	4.7	7.1#
236	27.7	21.9	32.9

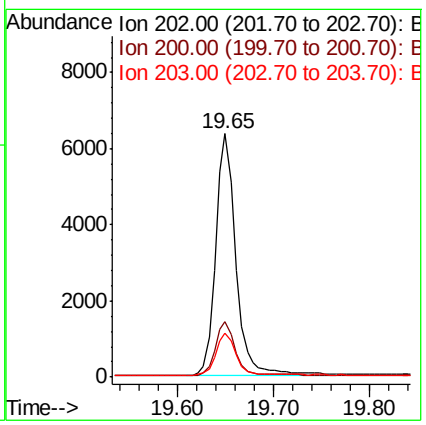


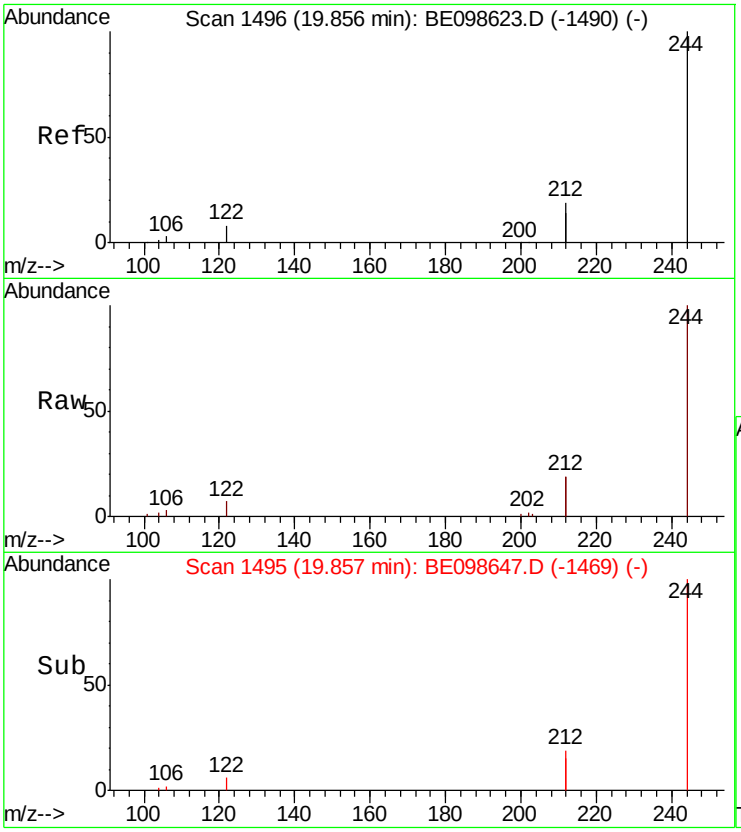


#28
Pyrene
Concen: 0.366 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:202 Resp: 9263

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.6
203	17.6	13.8	20.8



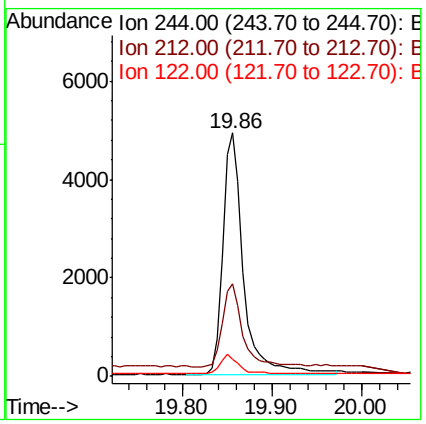


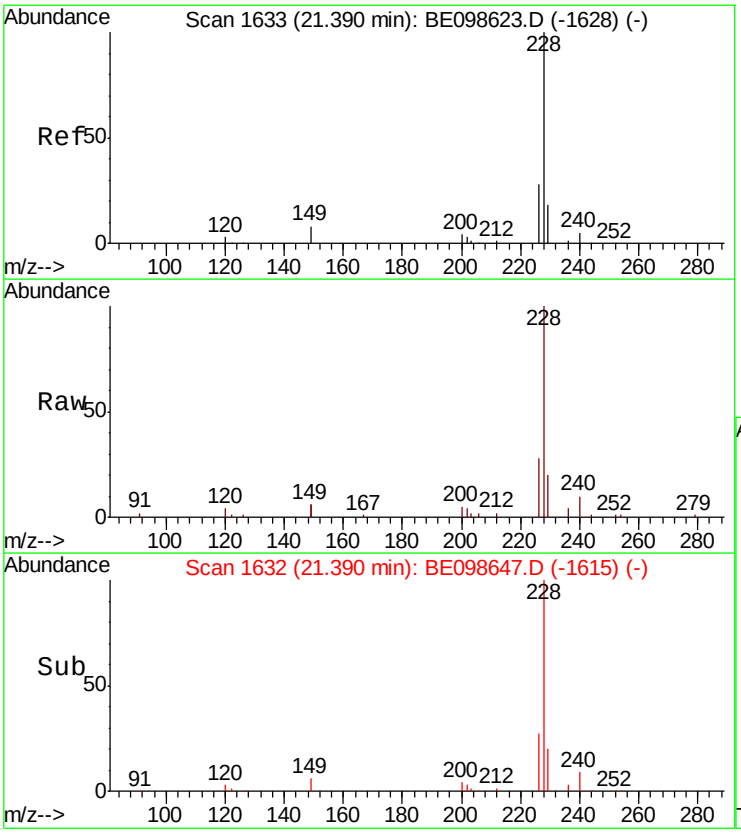
#29
Terphenyl-d14
Concen: 0.380 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:244 Resp: 7728

Ion	Ratio	Lower	Upper
244	100		
212	37.9	29.4	44.2
122	7.0	7.1	10.7#

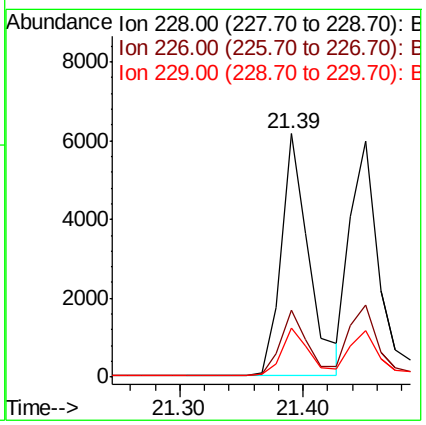


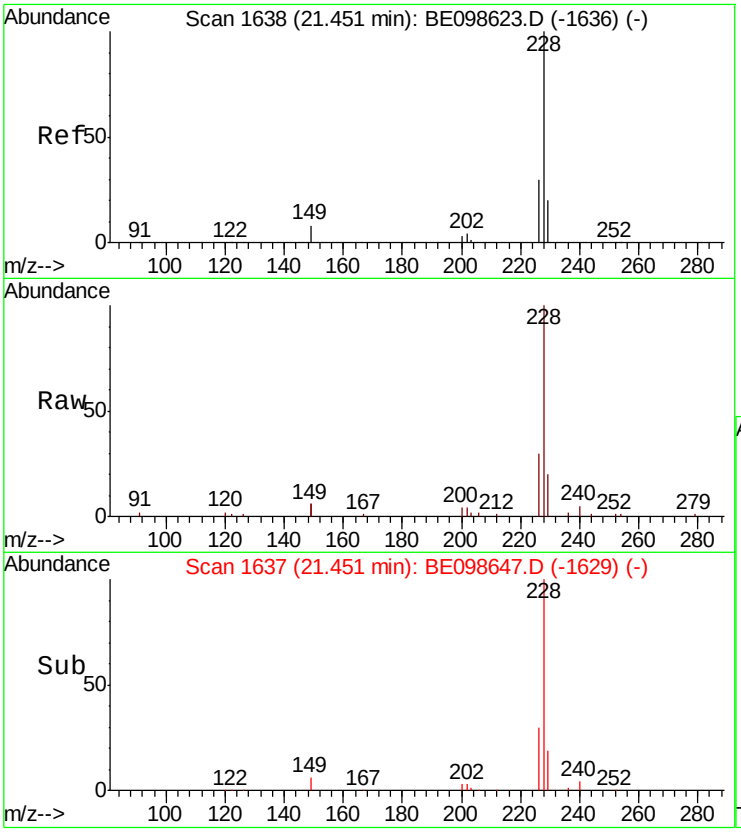


#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:228 Resp: 9631

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.4
229	20.3	15.0	22.6



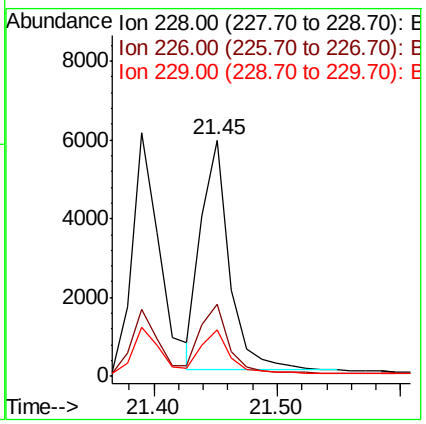


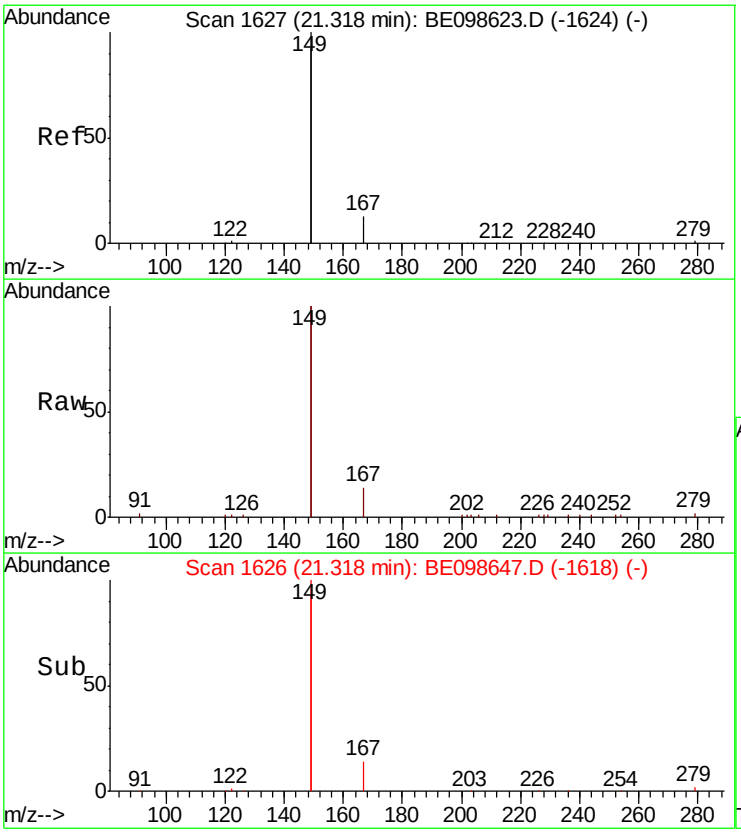
#31
Chrysene
Concen: 0.366 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:228 Resp: 9380

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	36.8
229	19.8	16.4	24.6

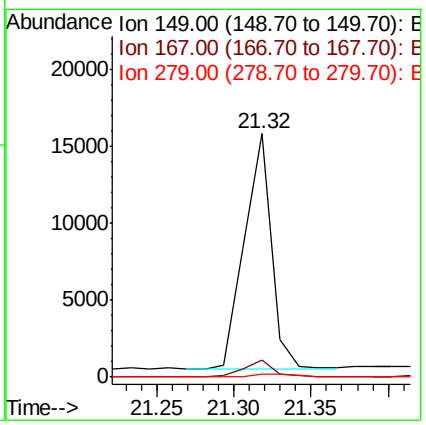


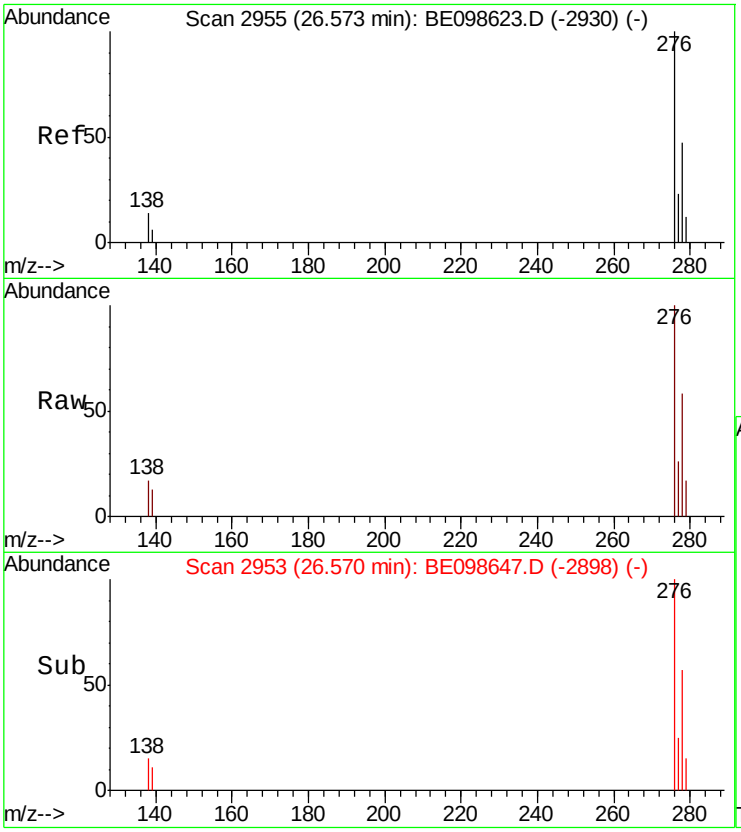


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:149 Resp: 18392

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.2	1.0	1.4



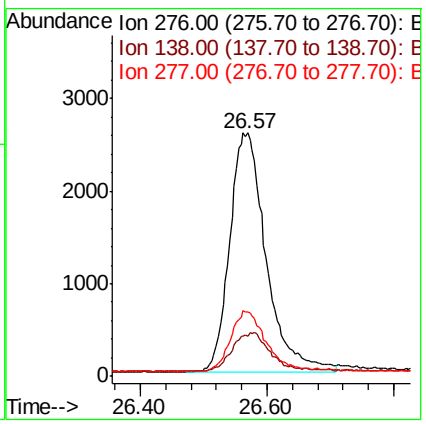


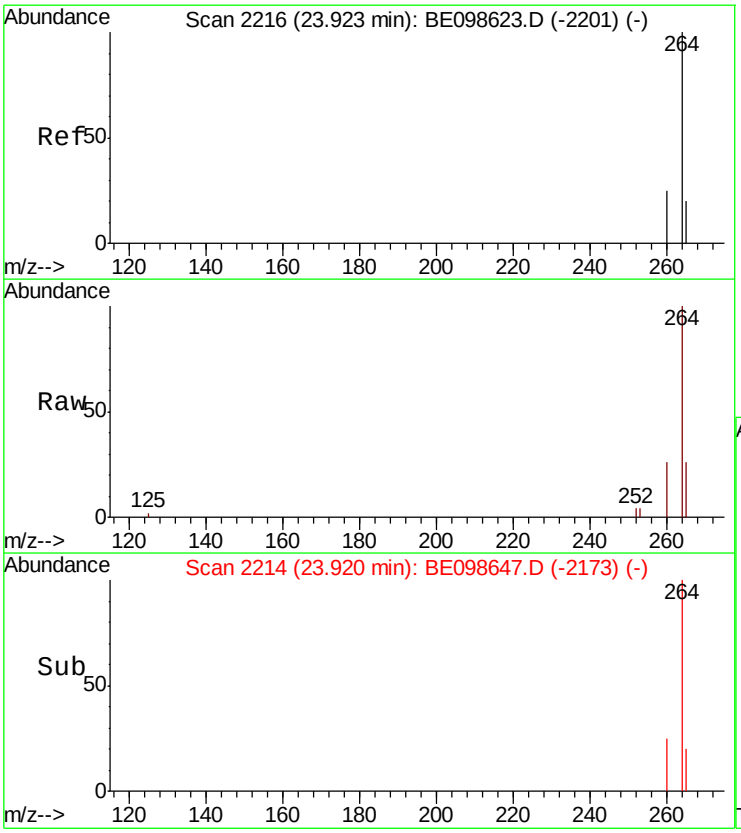
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:276 Resp: 10293

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.3	19.9
277	24.5	19.4	29.0

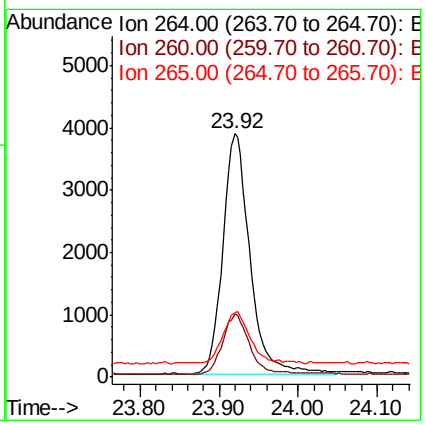


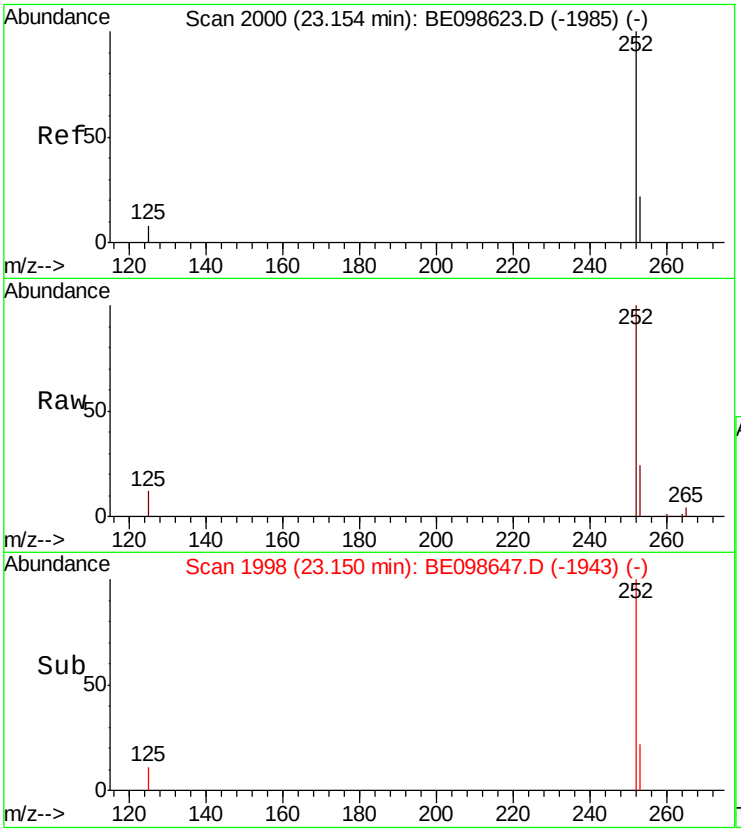


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:264 Resp: 9175

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.5	30.7
265	26.2	22.3	33.5



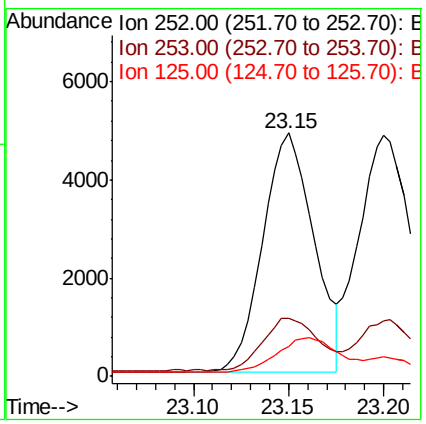


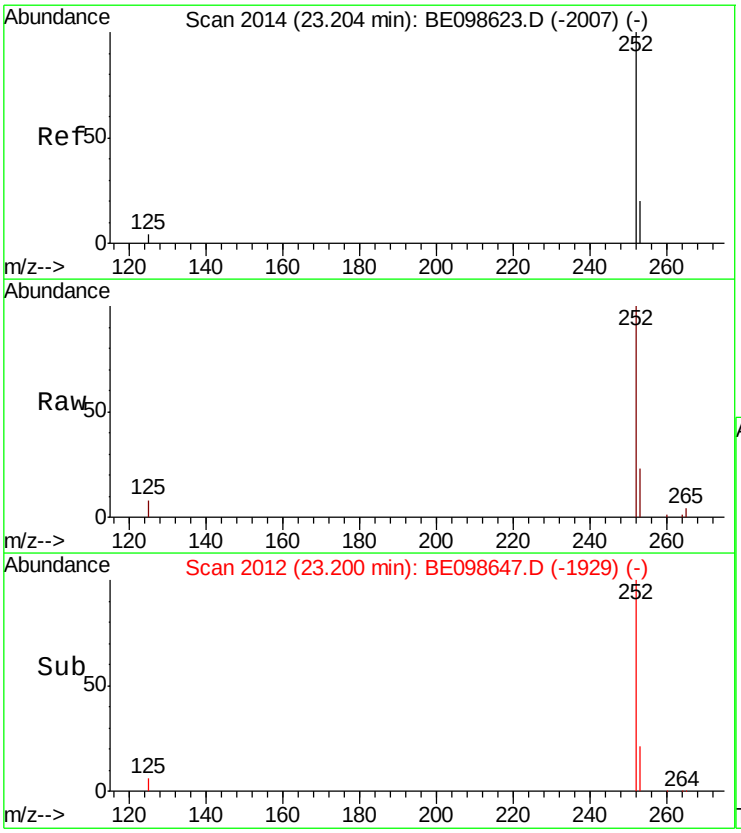
#35
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:252 Resp: 9130

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.0
125	12.1	8.2	12.4

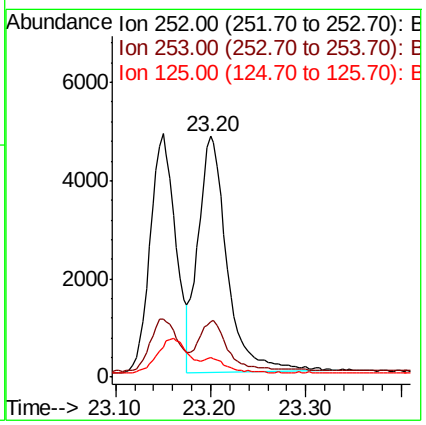


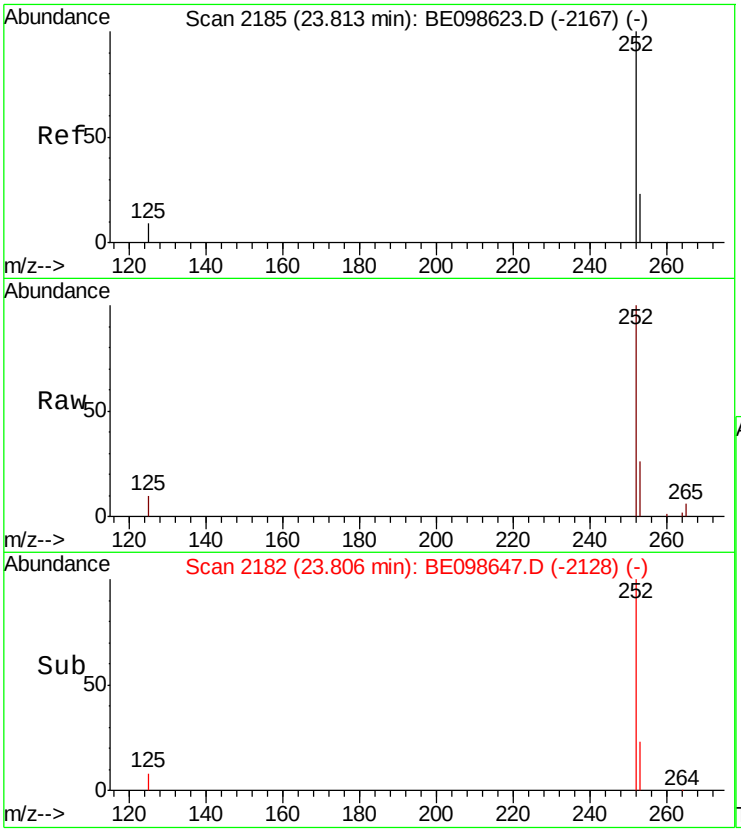


#36
Benzo(k)fluoranthene
Concen: 0.371 ng
RT: 23.20 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:252 Resp: 10158

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.4
125	8.0	7.0	10.4



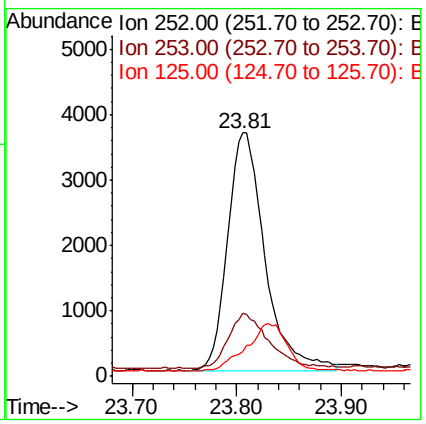


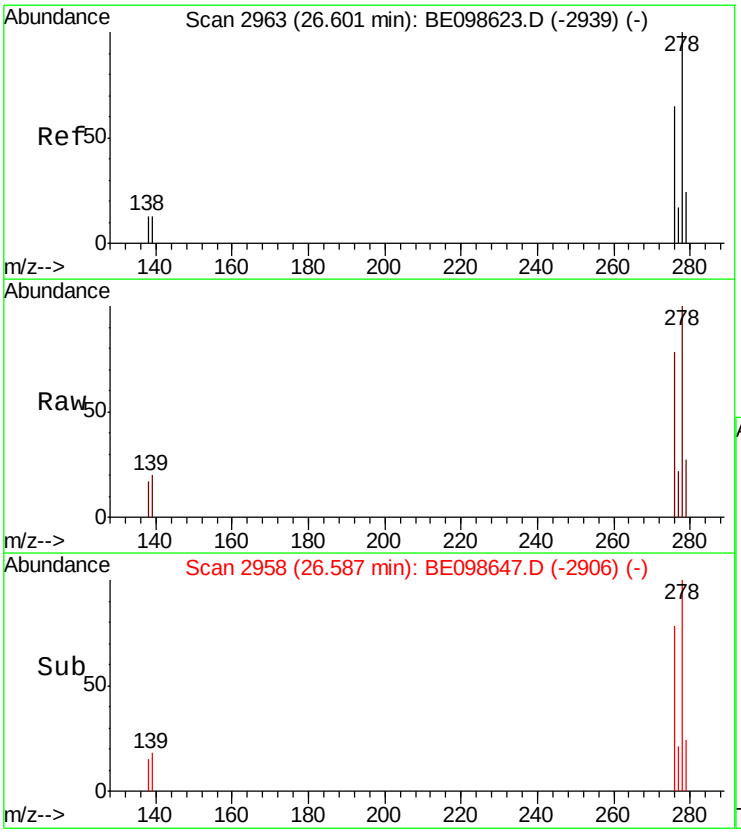
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 23.81 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:252 Resp: 8962

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.0	31.4
125	10.2	9.2	13.8

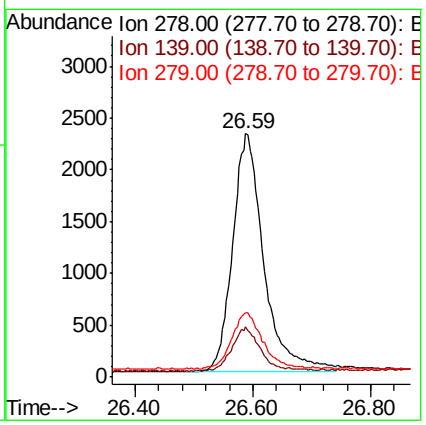


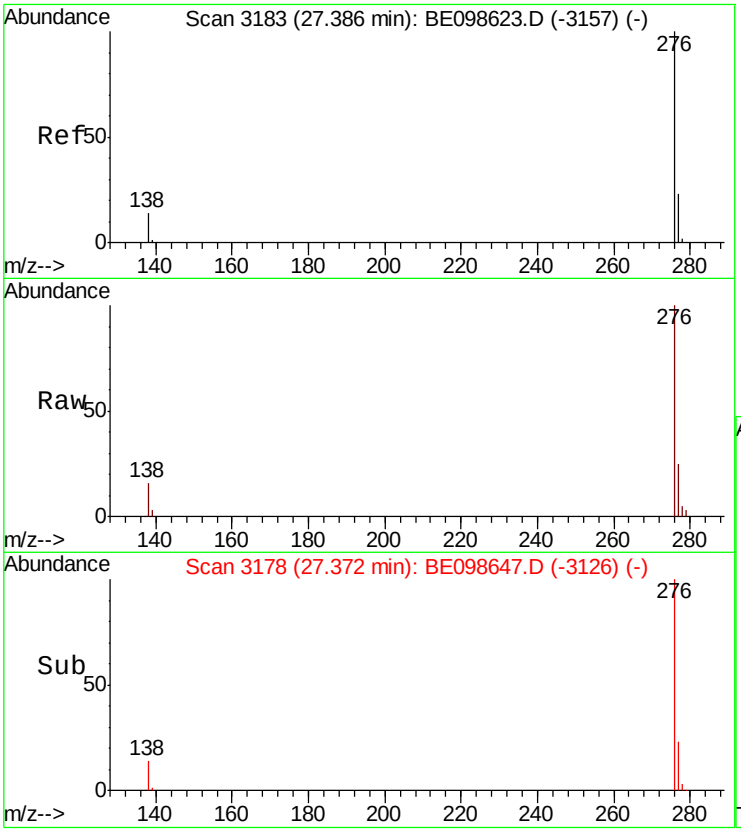


#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.59 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Tgt Ion:278 Resp: 8518

Ion	Ratio	Lower	Upper
278	100		
139	20.5	12.7	19.1#
279	26.5	22.0	33.0





#39
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 27.37 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BE098647.D
Acq: 17 Jan 2019 9:53

Instrument :
BNA_E
ClientSampleId :
PB116433BS

Tgt Ion:276 Resp: 8738

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.3	30.5
138	15.6	13.3	19.9