Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
Data File : BE098306.D
Acq On : 10 Dec 2018 20:02
Operator : SJ/JU
Sample : J6259-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPS1-TT-MW305D-20181205

Quant Time: Dec 11 00:48:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1555	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6295	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3810	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9632	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11479	0.40	ng	0.00
34) Perylene-d12	24.01	264	11281	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	549	0.15	ng	0.01
5) Phenol-d6	7.05	99	433	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	2077	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3510	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	478	0.34	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	7293	0.45	ng	0.00
25) Fluoranthene-d10	19.31	212	47316	0.38	ng	0.00
29) Terphenyl-d14	19.91	244	10075	0.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	2211	0.822	ng	# 83
3) n-Nitrosodimethylamine	3.74	42	8	0.003	ng	# 100
6) bis(2-Chloroethyl)ether	7.25	93	39	0.008	ng	# 1
9) Naphthalene	10.71	128	340	0.005	ng	# 66
10) Hexachlorobutadiene	11.02	225	2	0.000	ng	# 19
12) 2-Methylnaphthalene	12.34	142	42	0.004	ng	# 59
16) Acenaphthylene	14.24	152	16	0.001	ng	# 37
17) Acenaphthene	14.57	154	14	0.001	ng	# 61
18) Fluorene	15.55	166	8	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	16.49	248	4	0.001	ng	# 71
21) Hexachlorobenzene	16.60	284	4	0.001	ng	# 1
22) Pentachlorophenol	16.94	266	3	0.019	ng	# 70
23) Phenanthrene	17.31	178	108	0.005	ng	# 73
24) Anthracene	17.43	178	25	0.001	ng	# 61
26) Fluoranthene	19.34	202	140	0.005	ng	# 85
28) Pyrene	19.70	202	115	0.003	ng	# 71
30) Benzo(a)anthracene	21.45	228	107	0.003	ng	# 1
31) Chrysene	21.50	228	105	0.003	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.37	149	3575	0.054	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.69	276	5	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.24	252	143	0.005	ng	# 1
36) Benzo(k)fluoranthene	23.24	252	143	0.004	ng	# 1
37) Benzo(a)pyrene	23.90	252	62	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.74	278	21	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.53	276	19	0.001	ng	# 1

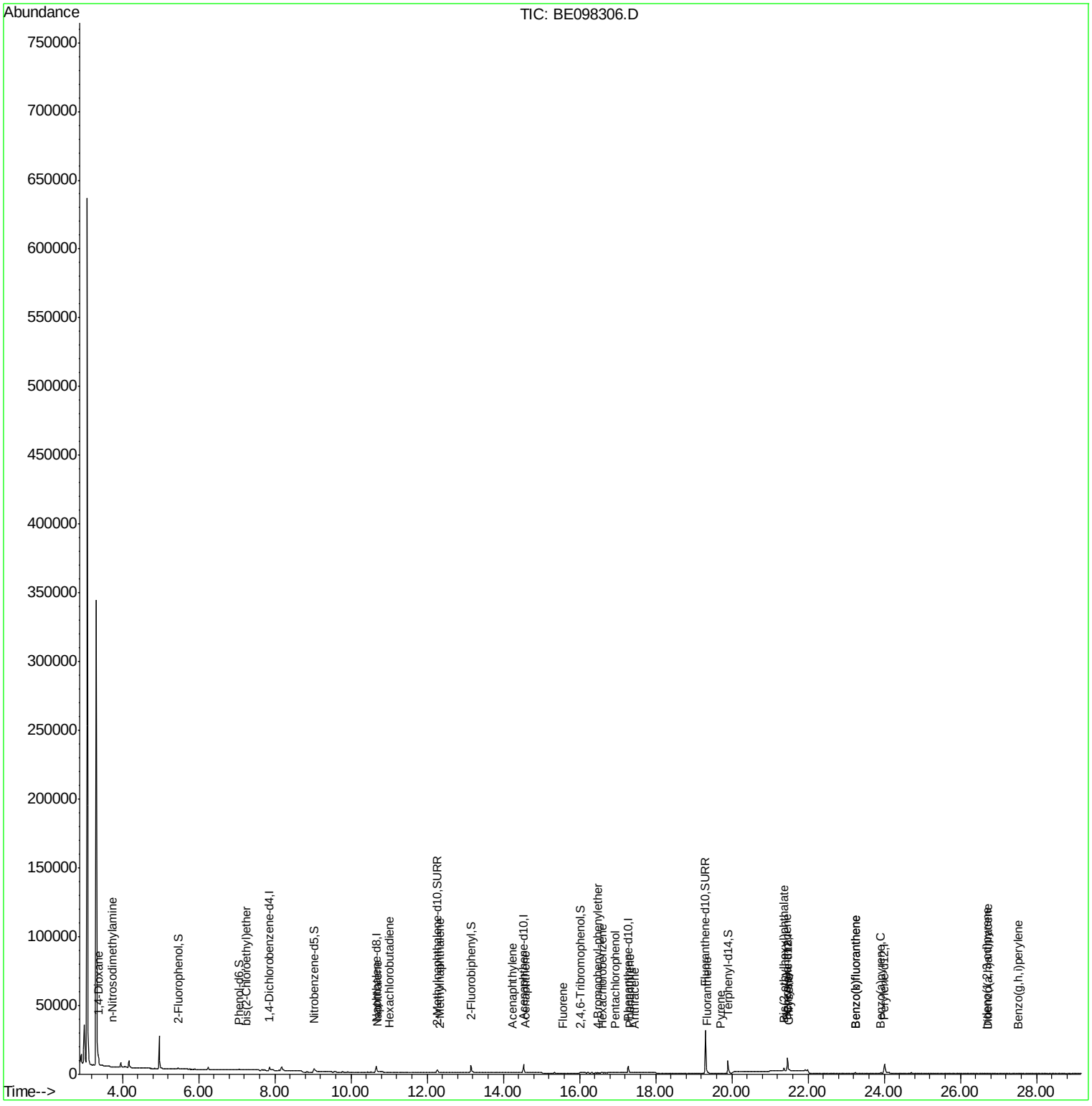
(#) = qualifier out of range (m) = manual integration (+) = signals summed

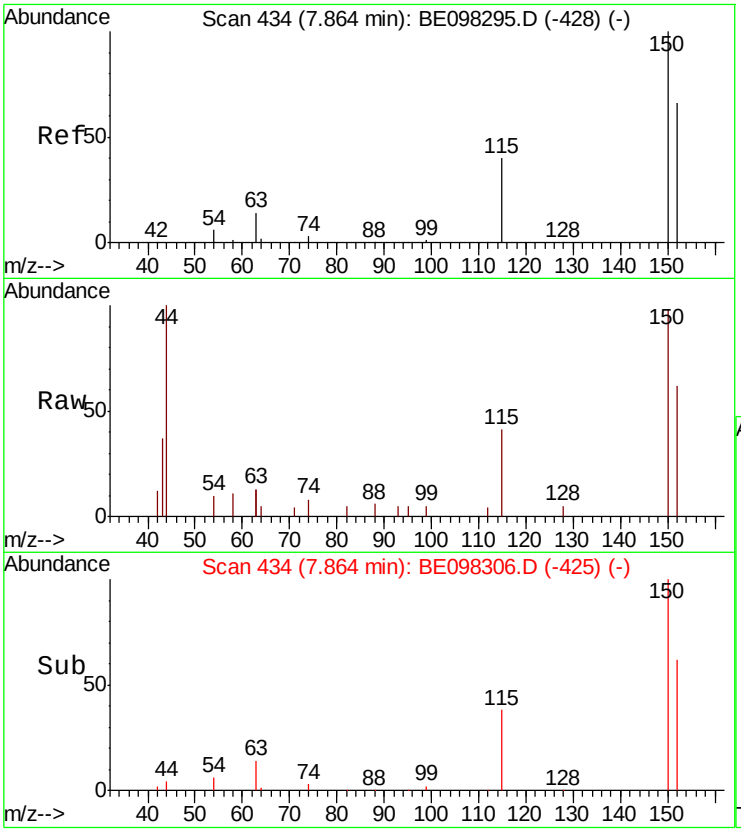
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
Data File : BE098306.D
Acq On : 10 Dec 2018 20:02
Operator : SJ/JU
Sample : J6259-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Quant Time: Dec 11 00:48:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



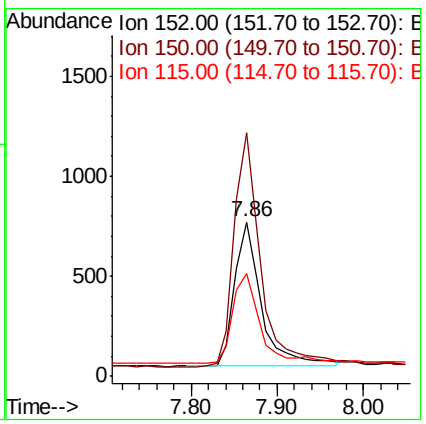


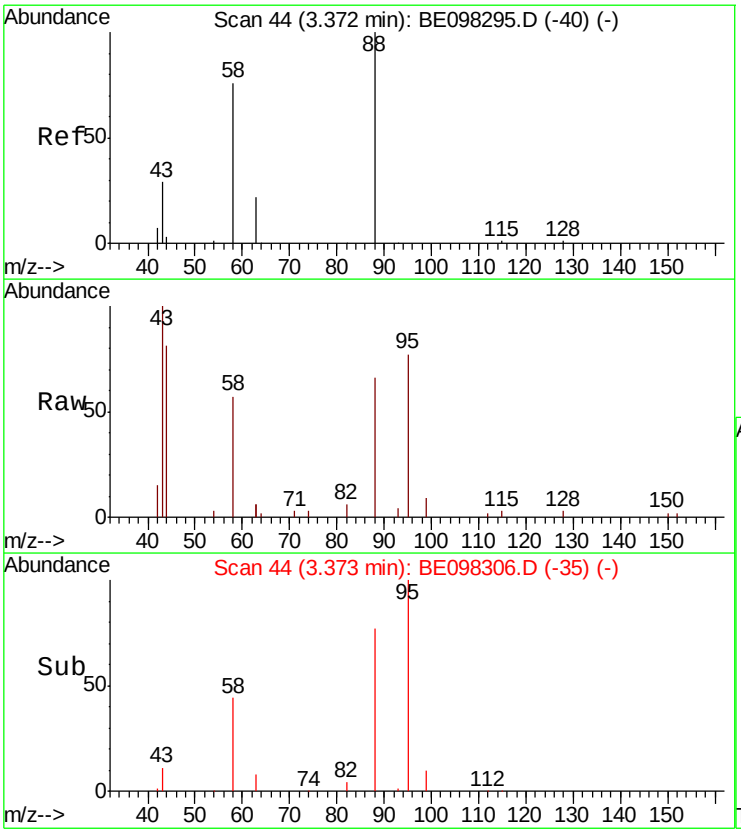
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:152 Resp: 1555

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.4
115	66.4	53.9	80.9

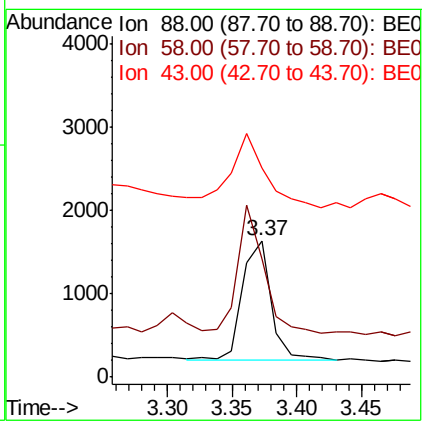


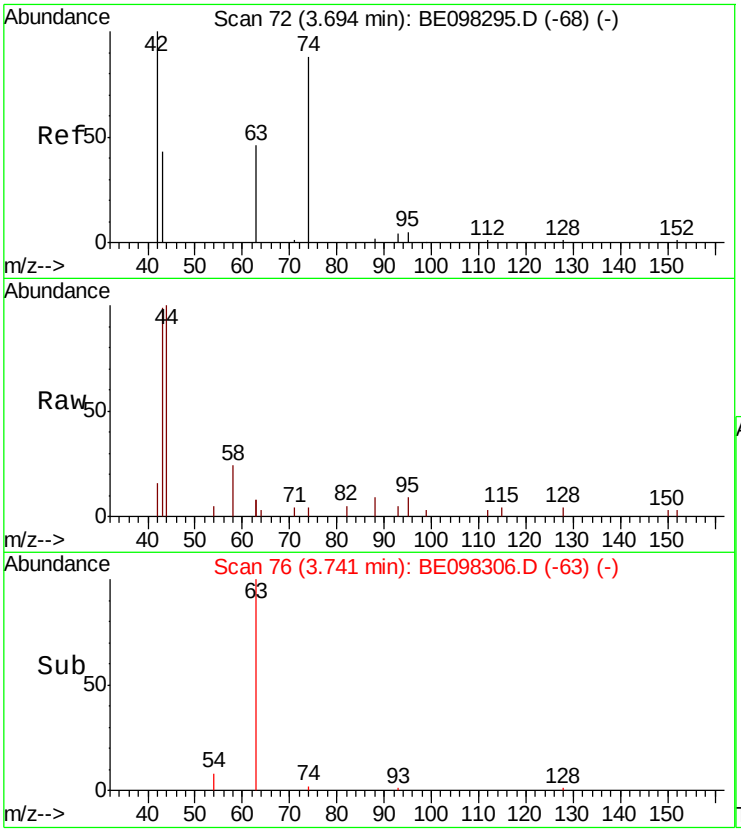


#2
1,4-Dioxane
Concen: 0.822 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion: 88 Resp: 2211

Ion	Ratio	Lower	Upper
88	100		
58	96.8	75.0	112.6
43	77.3	38.3	57.5#



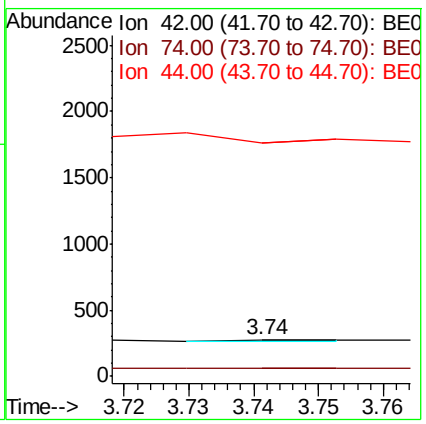


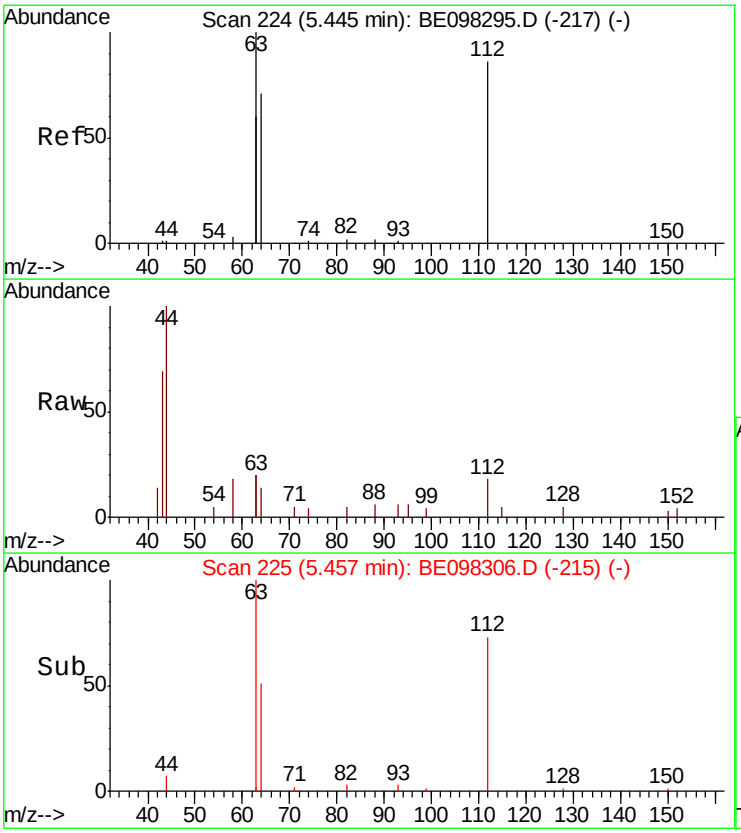
#3
n-Nitrosodimethylamine
Concen: 0.003 ng
RT: 3.74 min Scan# 76
Delta R.T. 0.05 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion: 42 Resp: 8

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	1475.0	0.0	0.0#

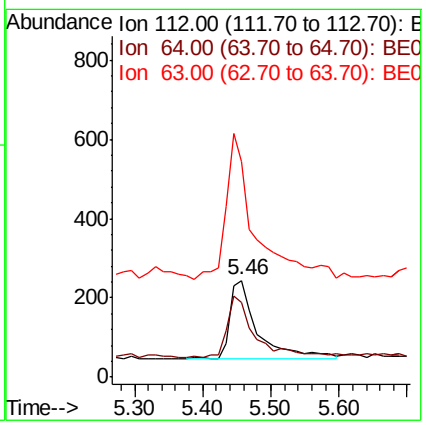


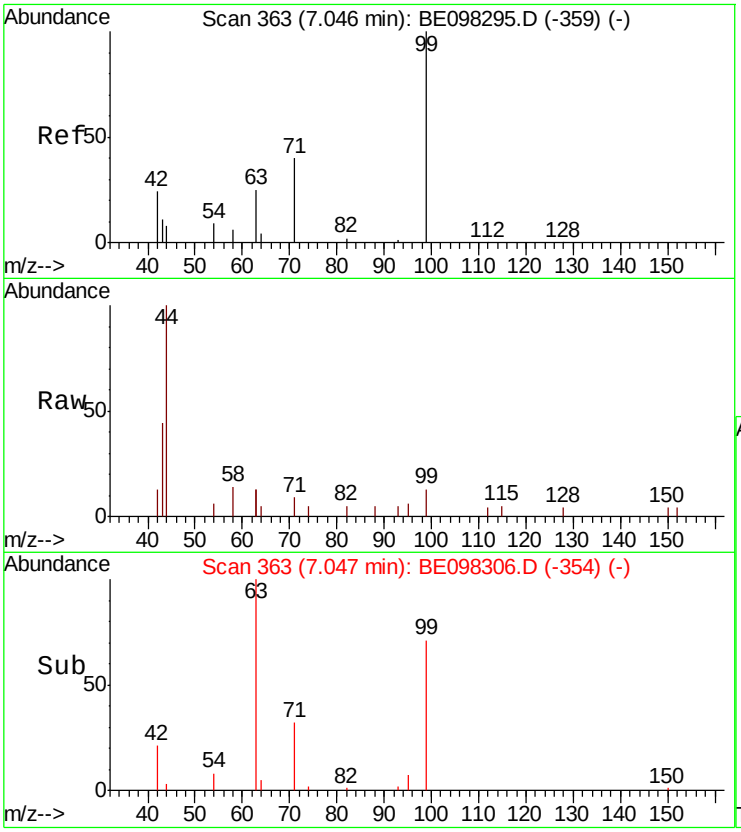


#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:112 Resp: 549

Ion	Ratio	Lower	Upper
112	100		
64	78.1	59.8	89.8
63	204.4	133.7	200.5#



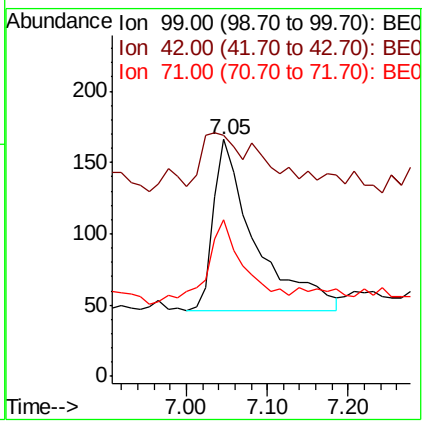


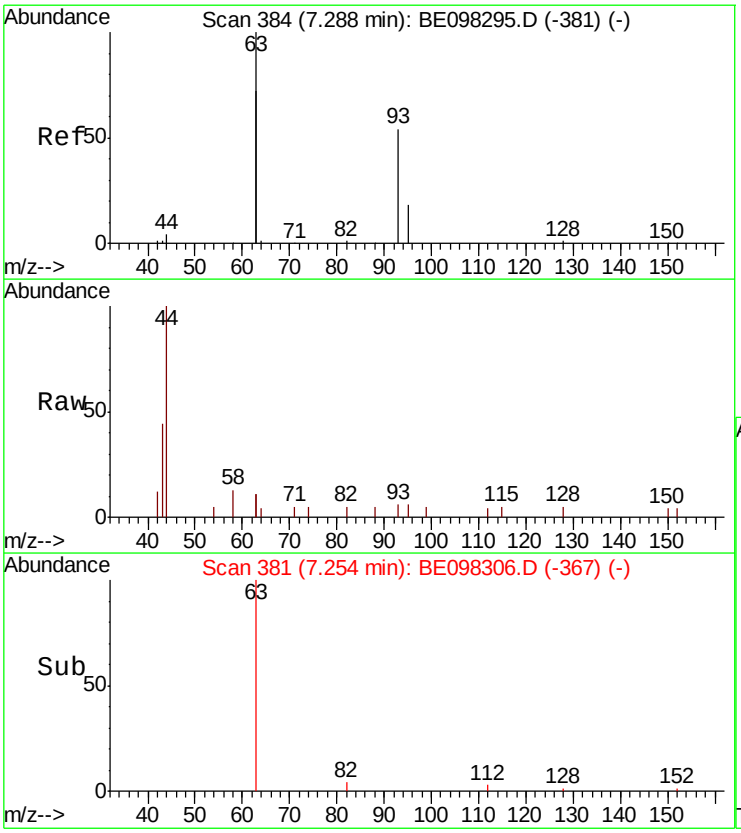
#5
Phenol-d6
Concen: 0.084 ng
RT: 7.05 min Scan# 363
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion: 99 Resp: 433

Ion	Ratio	Lower	Upper
99	100		
42	26.3	26.3	39.5
71	41.6	33.6	50.4

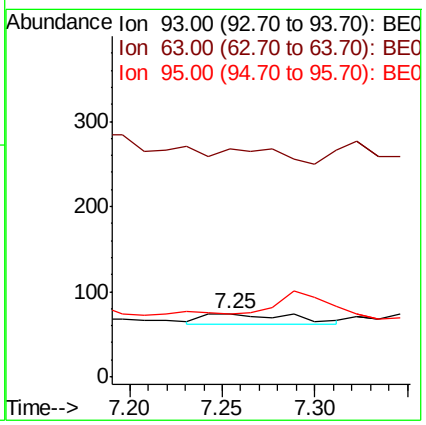


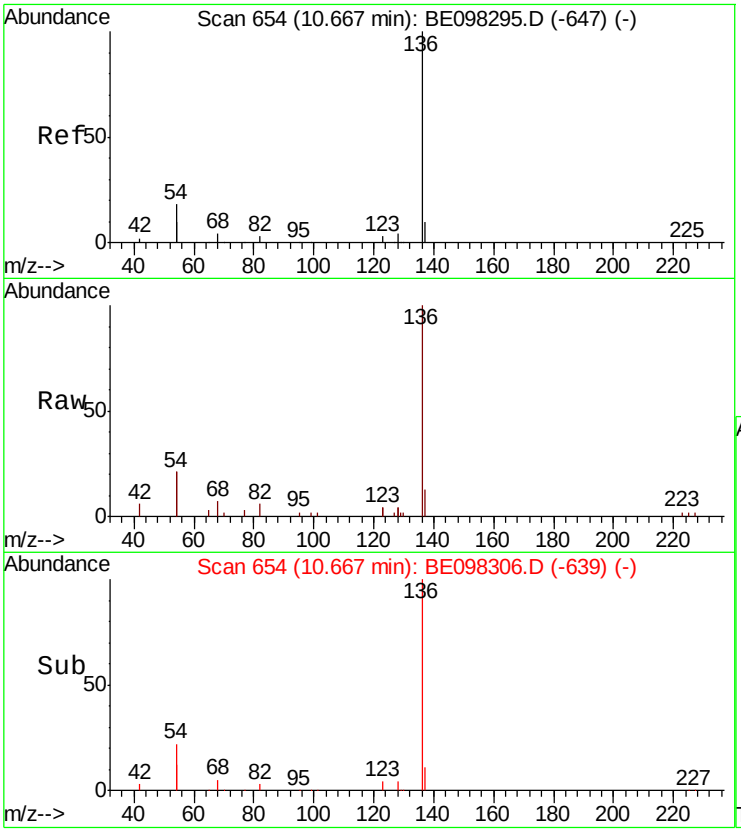


#6
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 7.25 min Scan# 381
Delta R.T. -0.03 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion: 93 Resp: 39

Ion	Ratio	Lower	Upper
93	100		
63	0.0	264.4	396.6#
95	0.0	26.6	40.0#



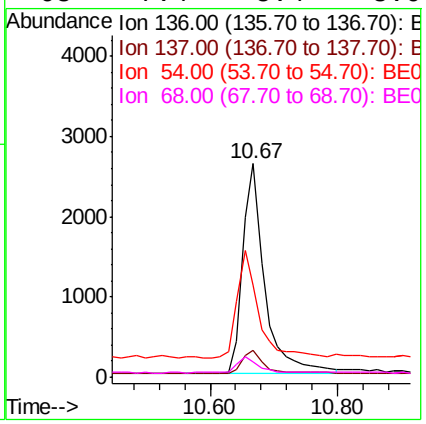


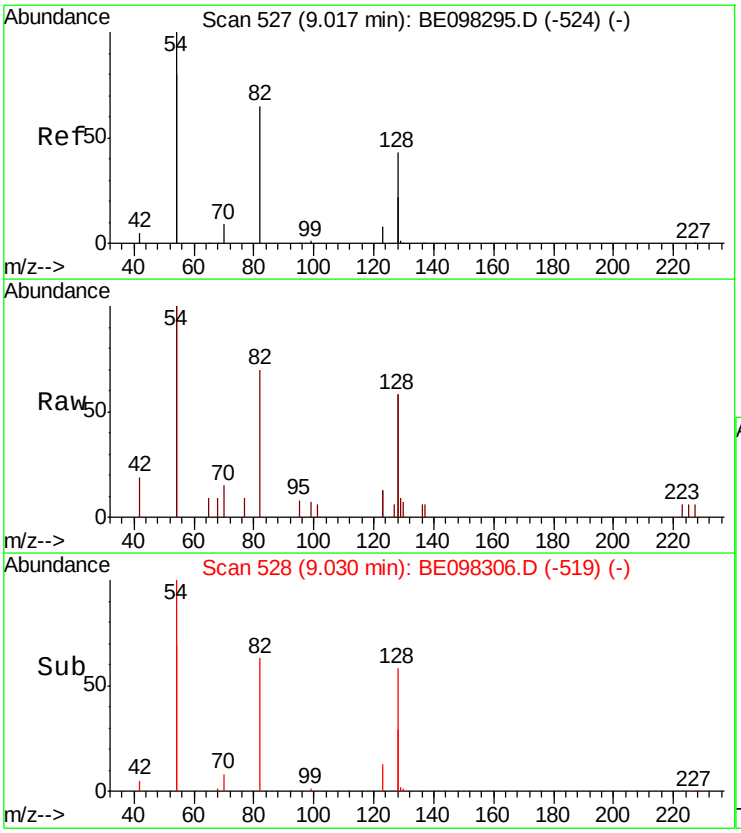
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:136 Resp: 6295

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.2	13.8
54	43.0	28.4	42.6#
68	7.4	5.4	8.0

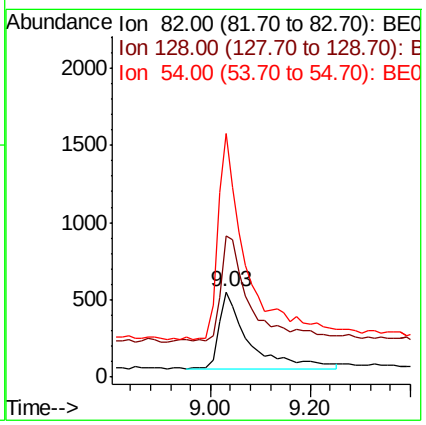


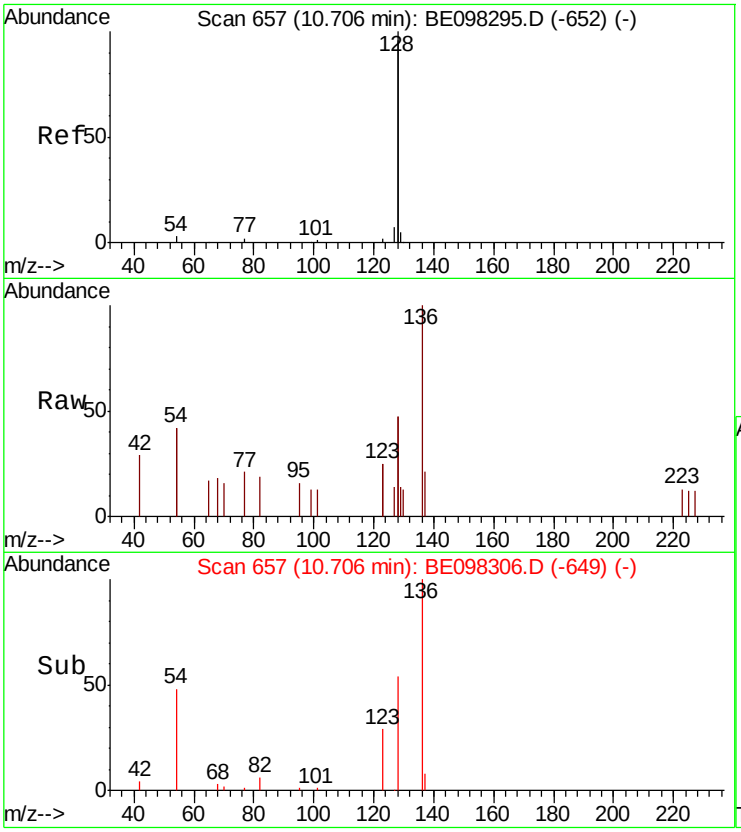


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion: 82 Resp: 2077

Ion	Ratio	Lower	Upper
82	100		
128	164.9	102.4	153.6#
54	285.0	221.8	332.8



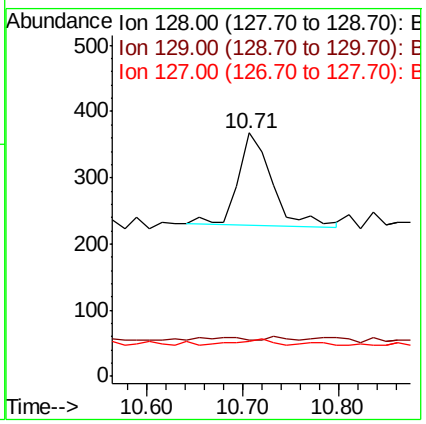


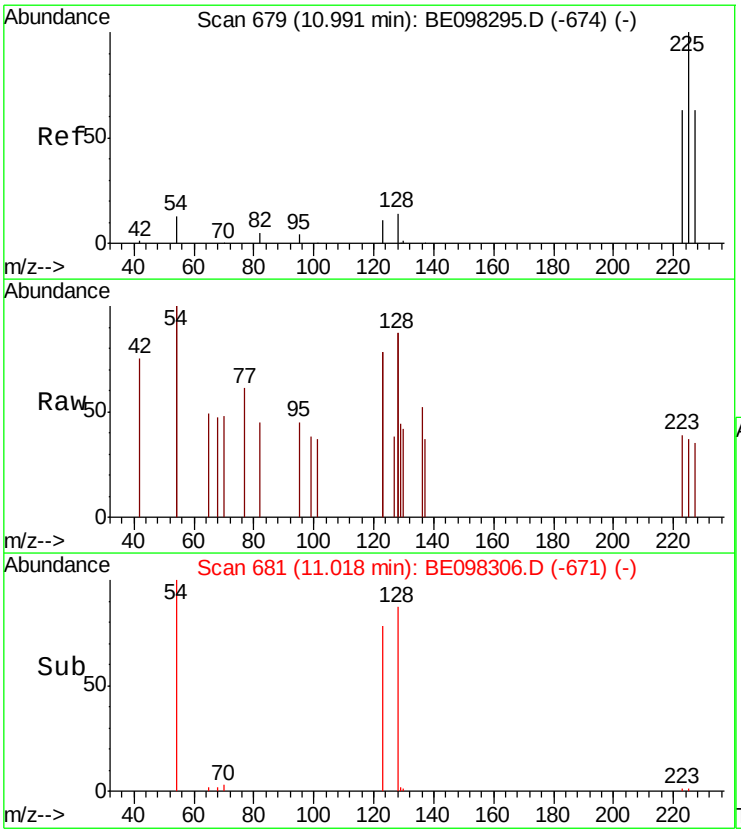
#9
Naphthalene
Concen: 0.005 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:128 Resp: 340

Ion	Ratio	Lower	Upper
128	100		
129	14.9	2.5	3.7#
127	14.4	2.7	4.1#

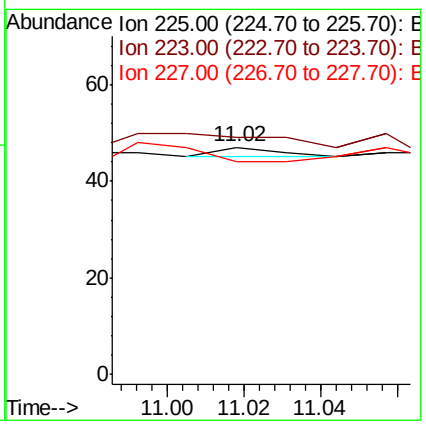


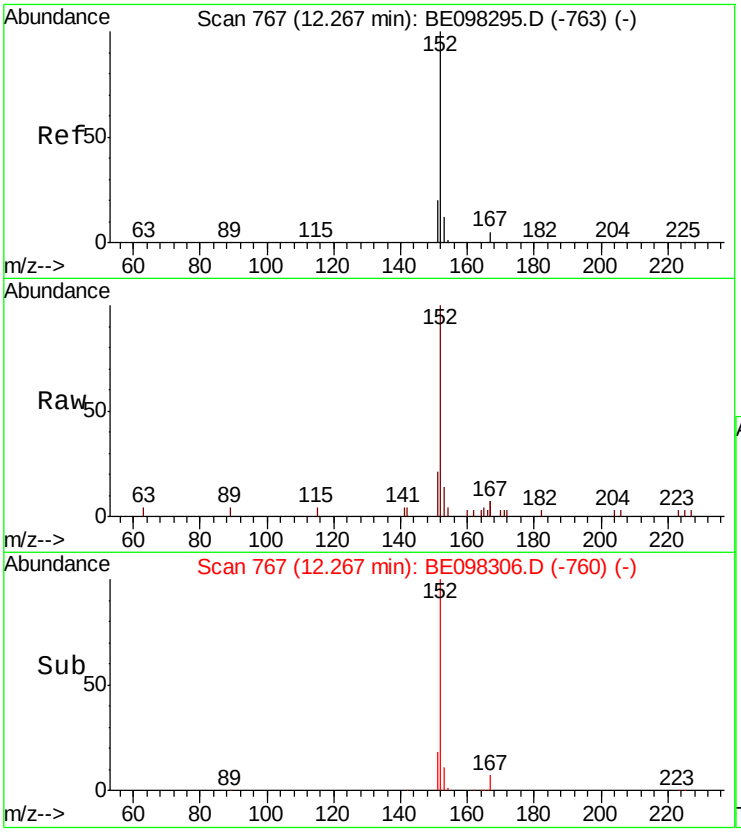


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.02 min Scan# 681
Delta R.T. 0.03 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.4	74.0#
227	0.0	52.0	78.0#



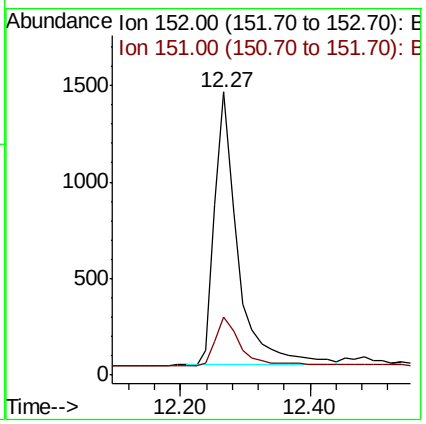


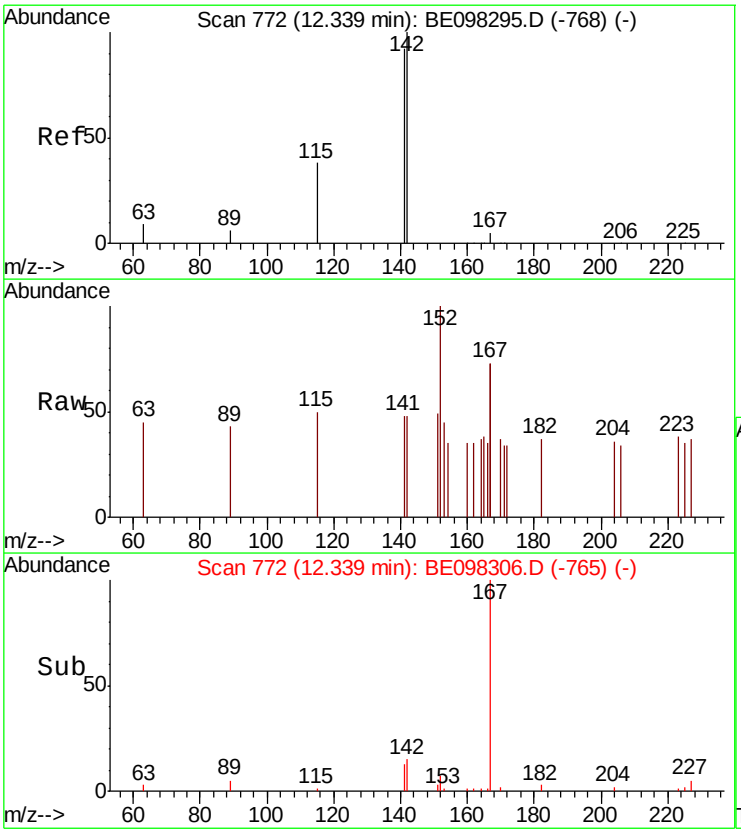
#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:152 Resp: 3510

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4

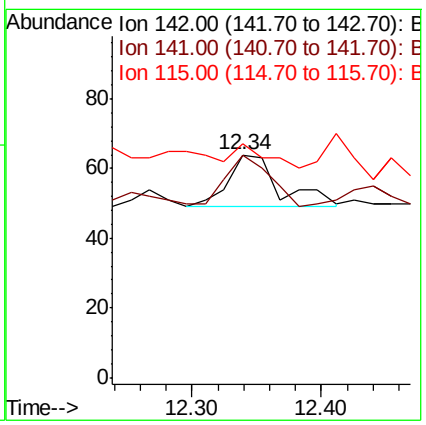


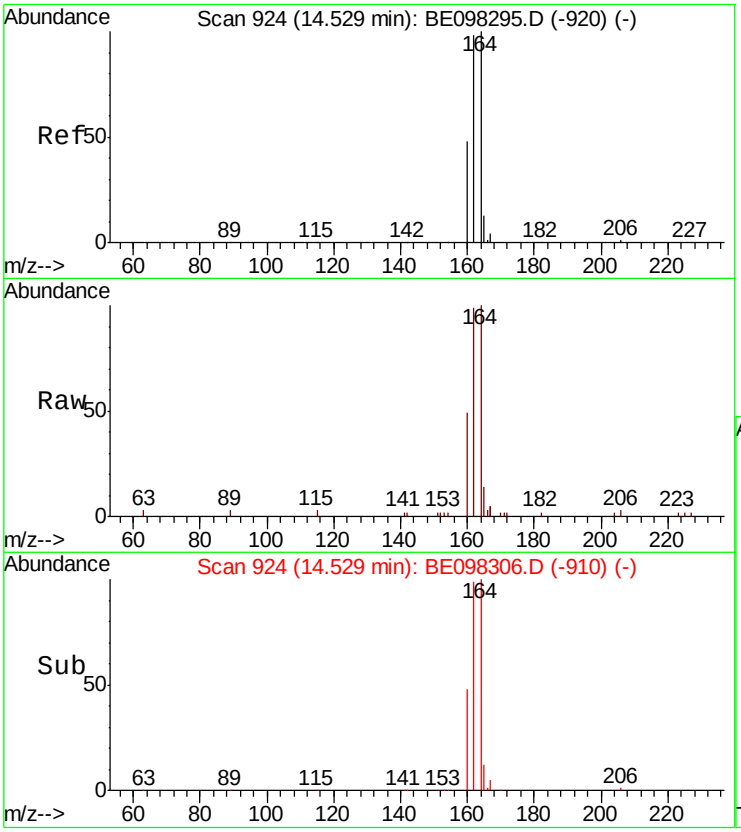


#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:142 Resp: 42

Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.0	106.6
115	104.7	32.2	48.2#



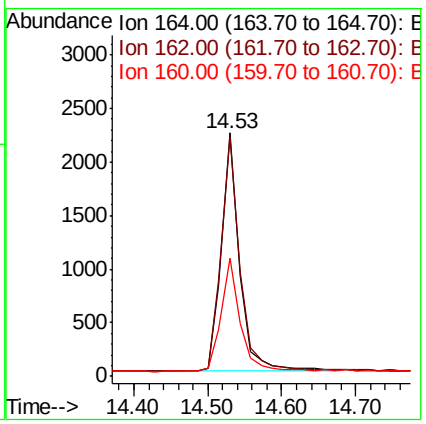


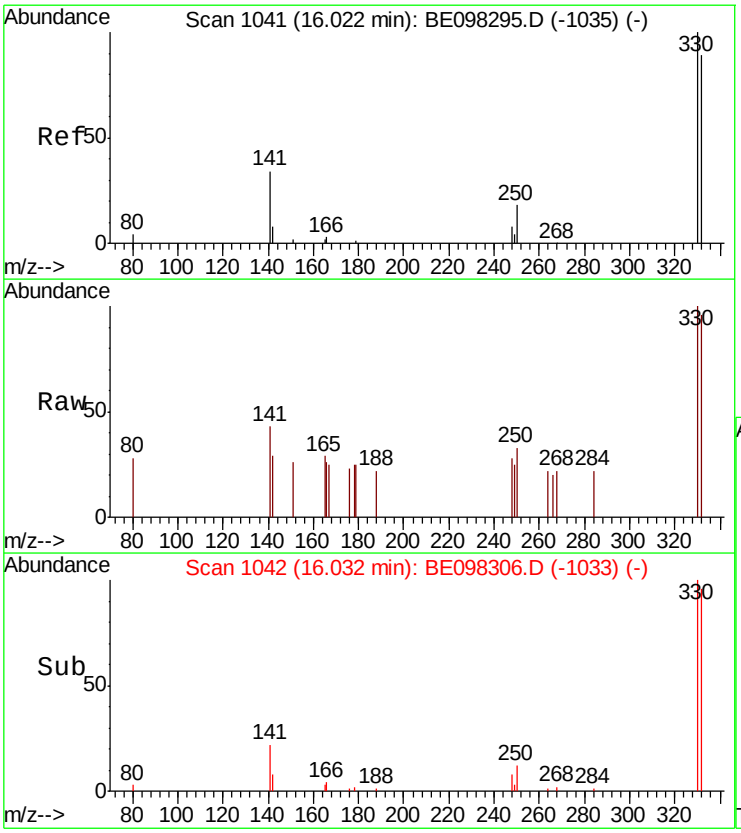
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:164 Resp: 3810

Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.6	116.4
160	48.5	36.0	54.0

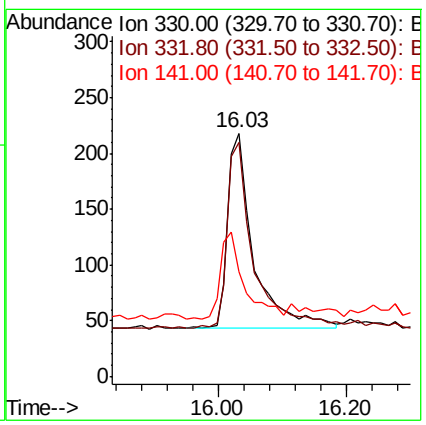


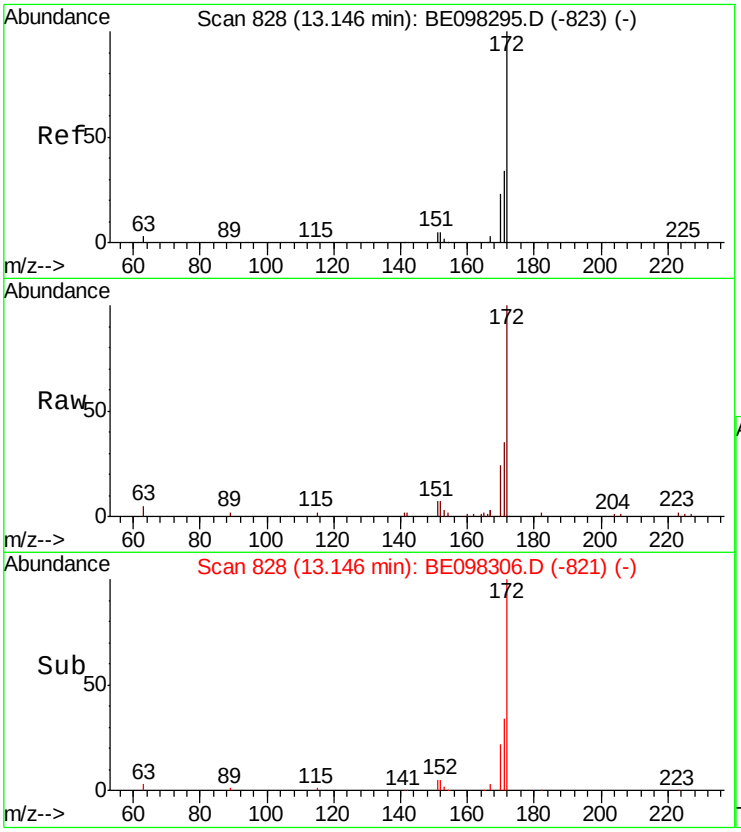


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:330 Resp: 478

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	43.5	39.0	58.4



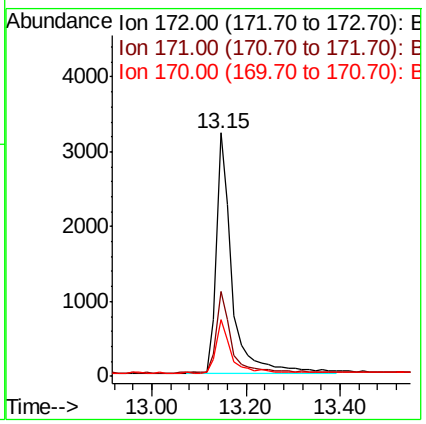


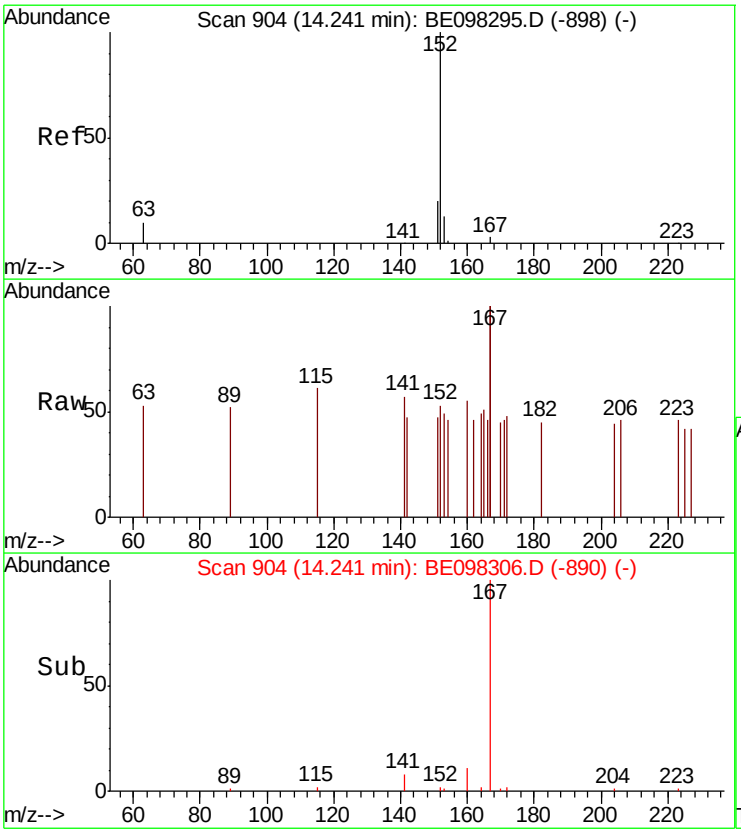
#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:172 Resp: 7293

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	23.5	19.6	29.4

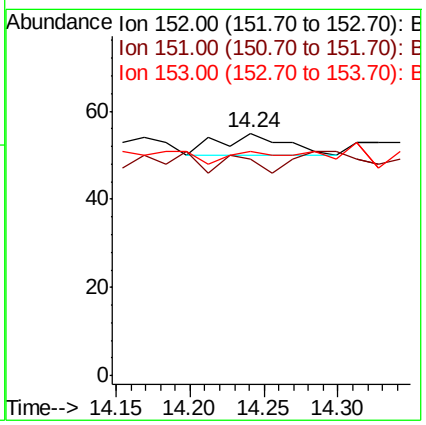


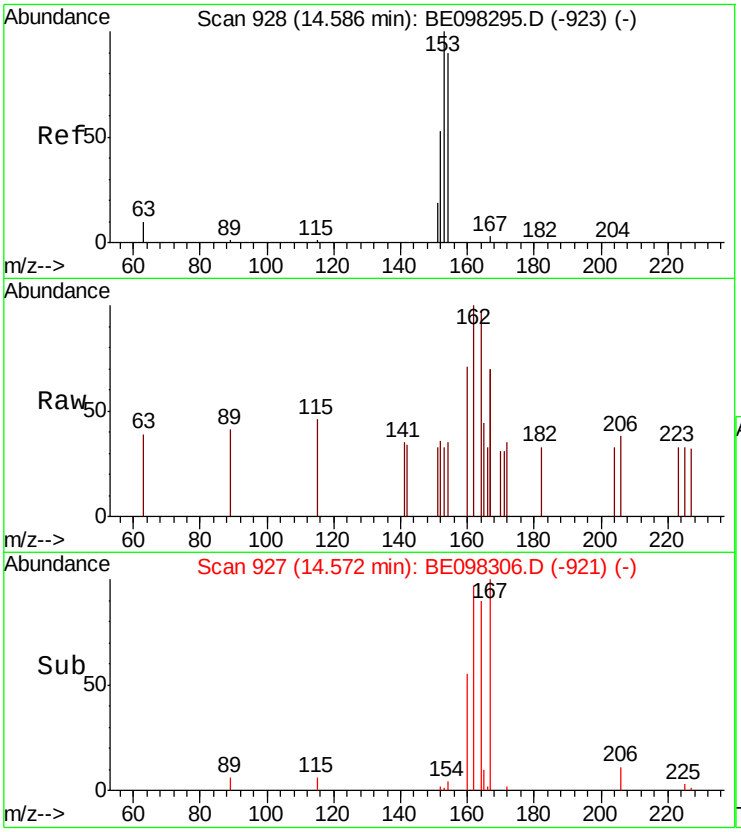


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:152 Resp: 16

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.5	23.3#
153	50.0	10.6	16.0#



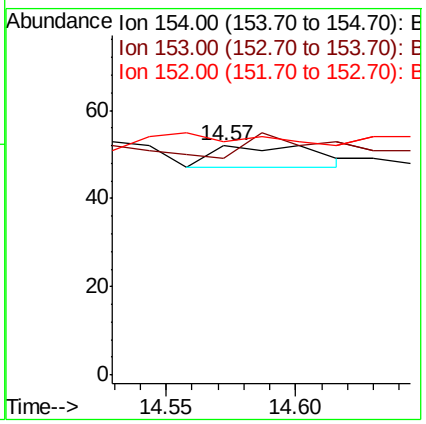


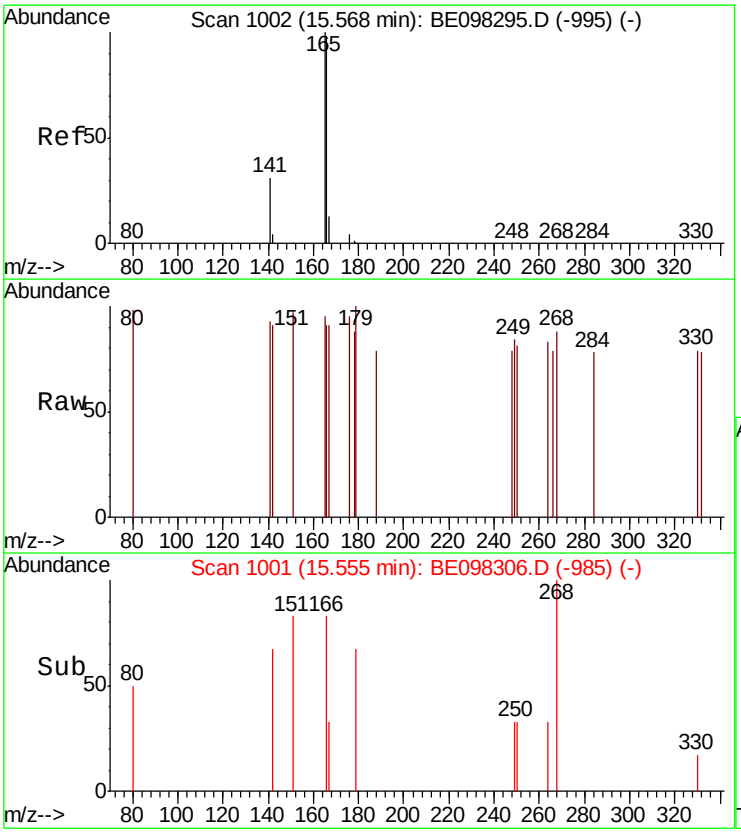
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:154 Resp: 14

Ion	Ratio	Lower	Upper
154	100		
153	92.9	91.8	137.6
152	0.0	45.5	68.3#

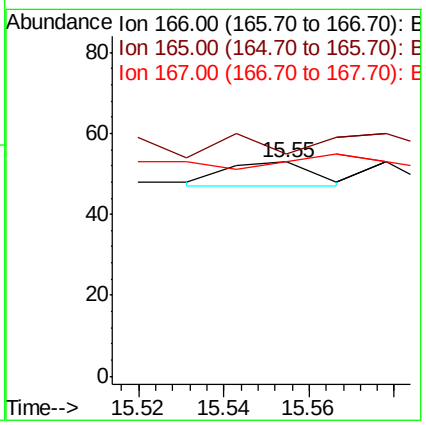


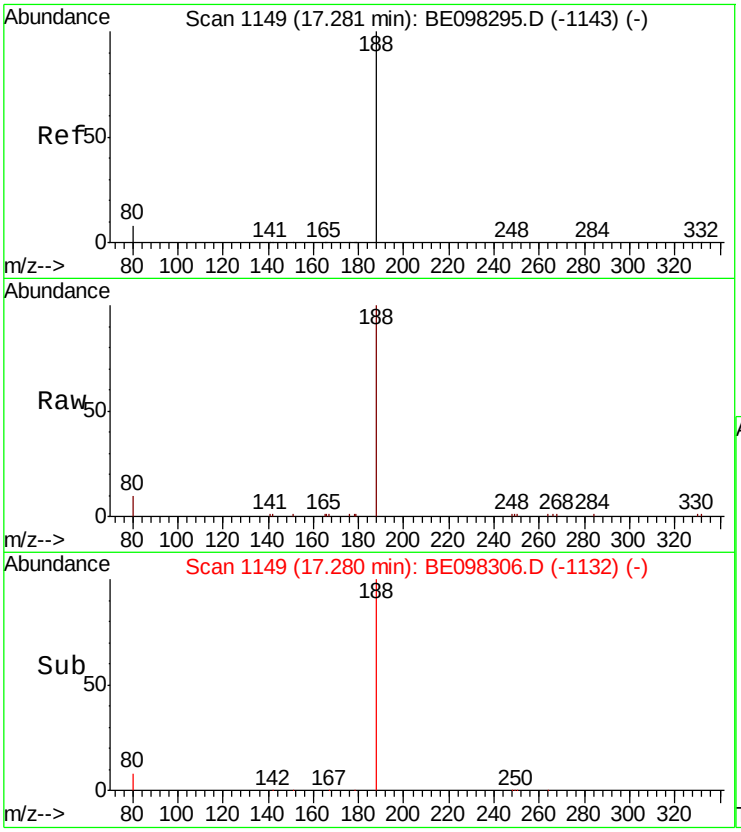


#18
Fluorene
Concen: 0.001 ng
RT: 15.55 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:166 Resp: 8

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.3	118.9#
167	112.5	11.3	16.9#



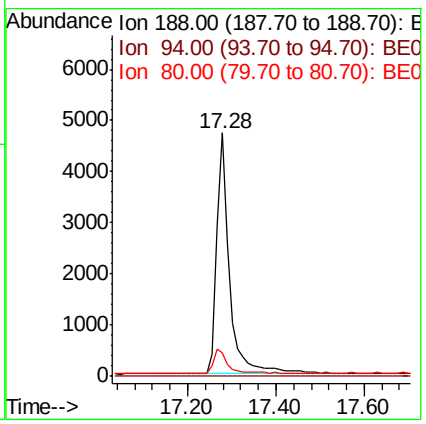


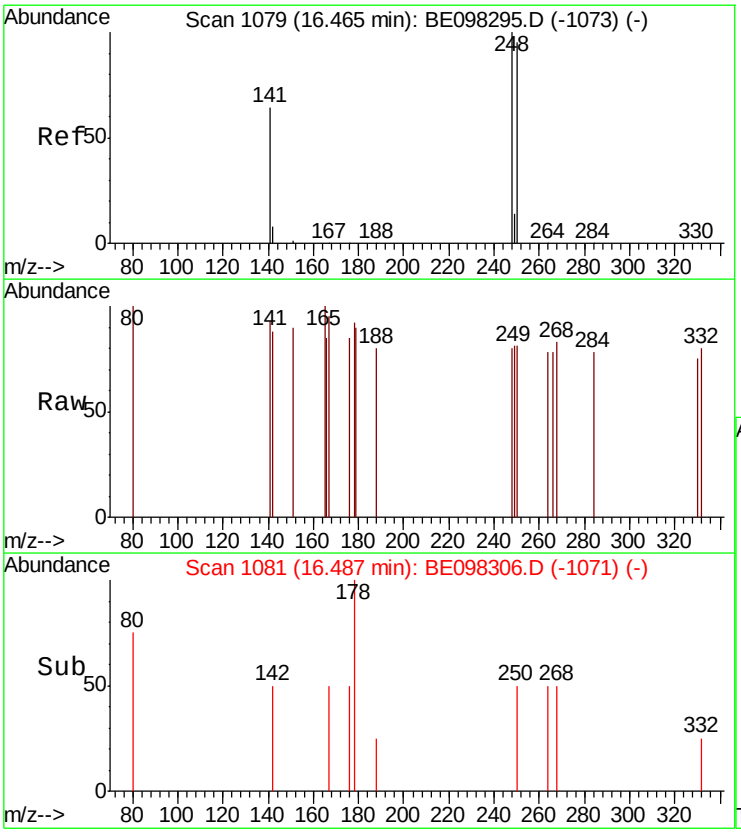
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:188 Resp: 9632

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.2	10.8

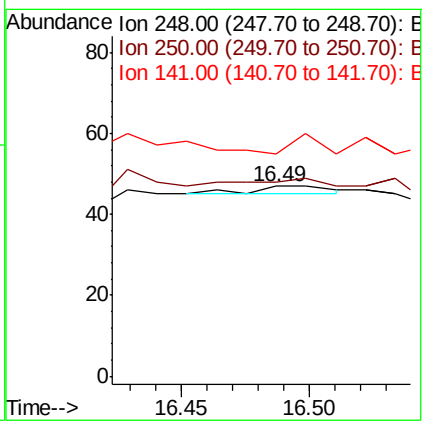


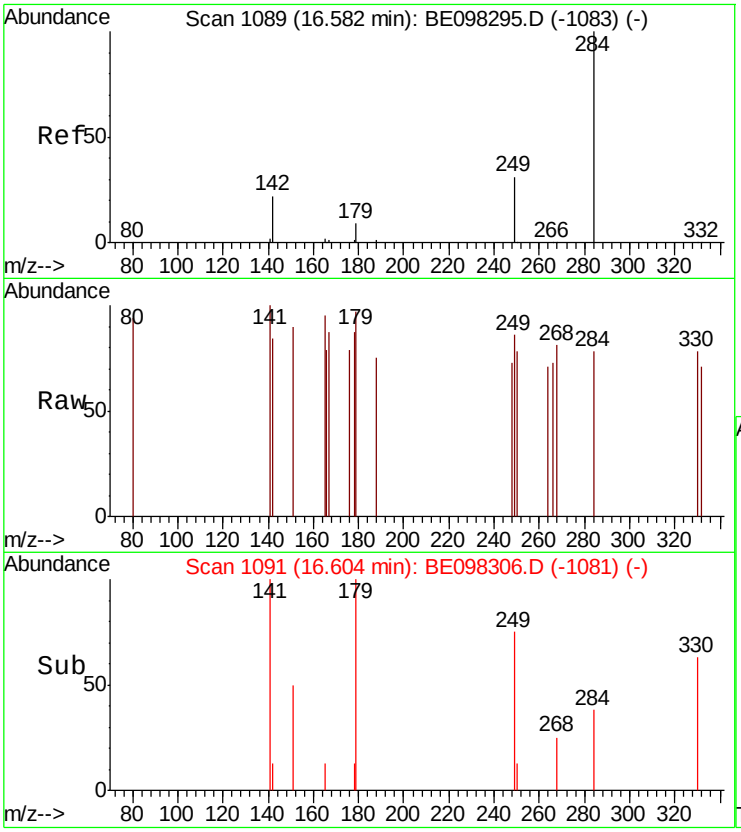


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.49 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	102.1	71.0	106.6
141	117.0	62.1	93.1#



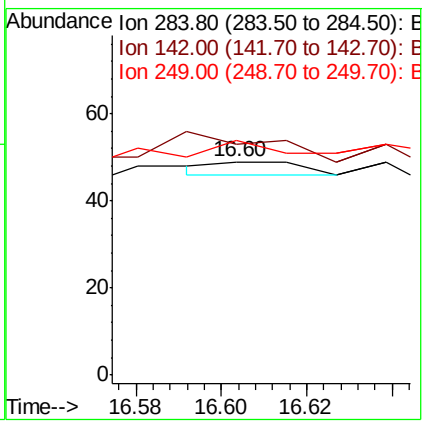


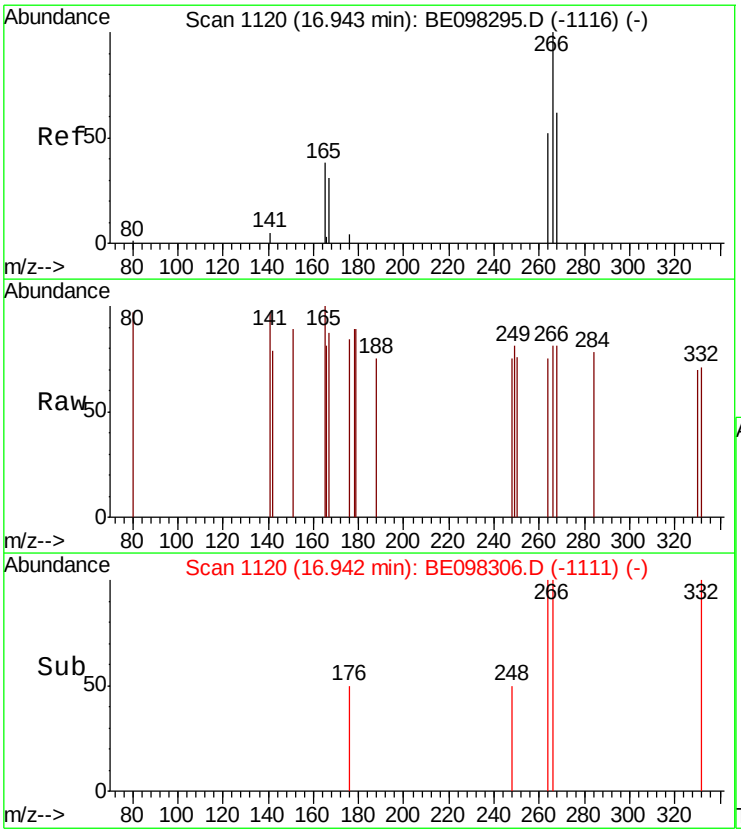
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.60 min Scan# 1091
Delta R.T. 0.02 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:284 Resp: 4

Ion	Ratio	Lower	Upper
284	100		
142	275.0	26.3	39.5#
249	100.0	26.0	39.0#

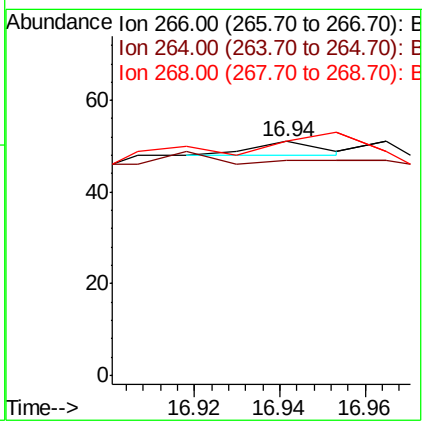


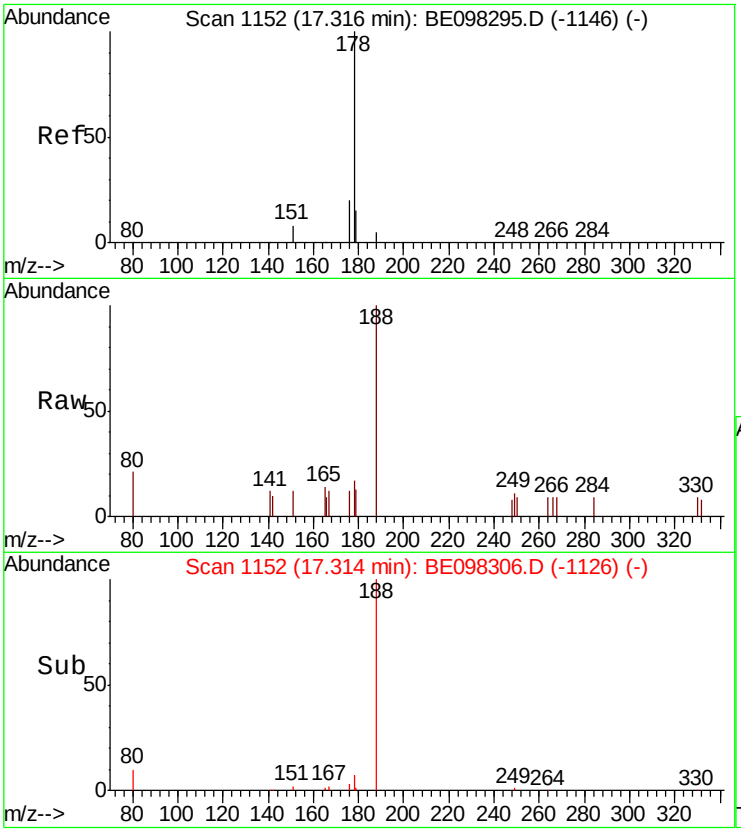


#22
Pentachlorophenol
Concen: 0.019 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	92.2	59.0	88.4#
268	100.0	55.1	82.7#



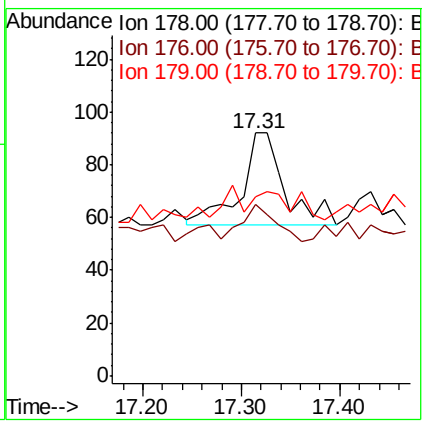


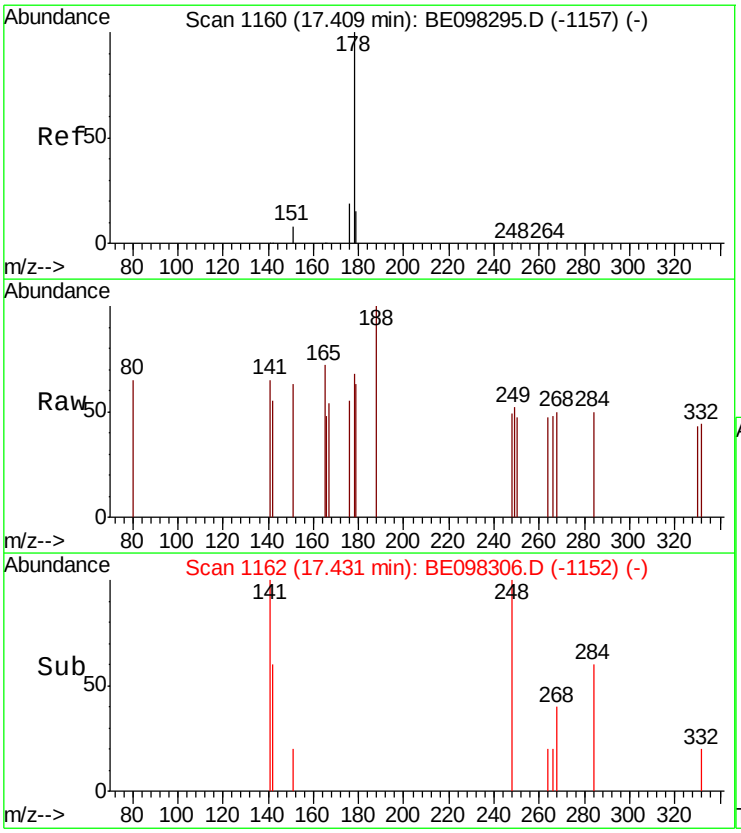
#23
Phenanthrene
Concen: 0.005 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:178 Resp: 108

Ion	Ratio	Lower	Upper
178	100		
176	29.6	15.9	23.9#
179	29.6	12.3	18.5#

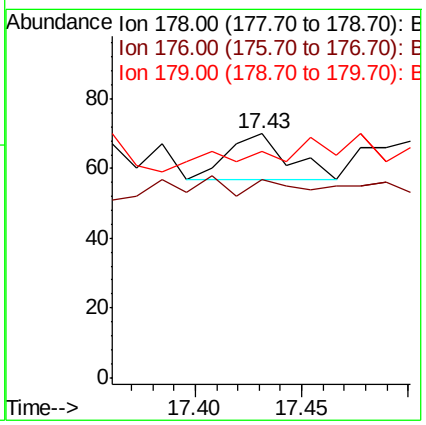


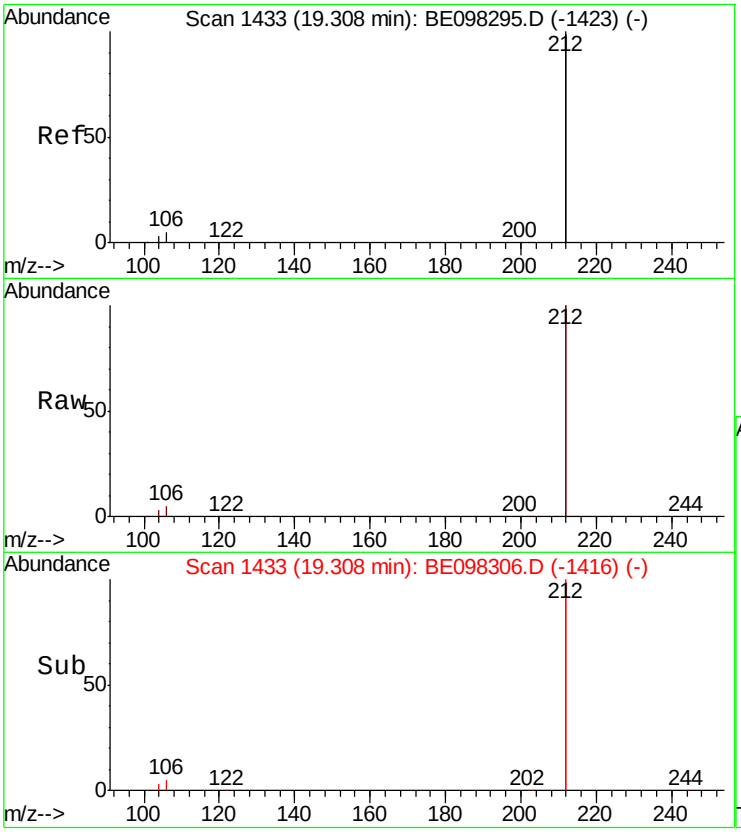


#24
Anthracene
Concen: 0.001 ng
RT: 17.43 min Scan# 1162
Delta R.T. 0.02 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:178 Resp: 25

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.3	18.5#



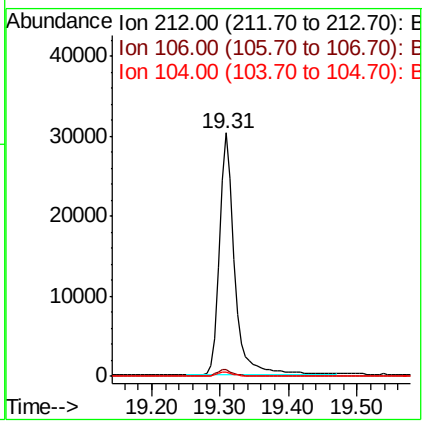


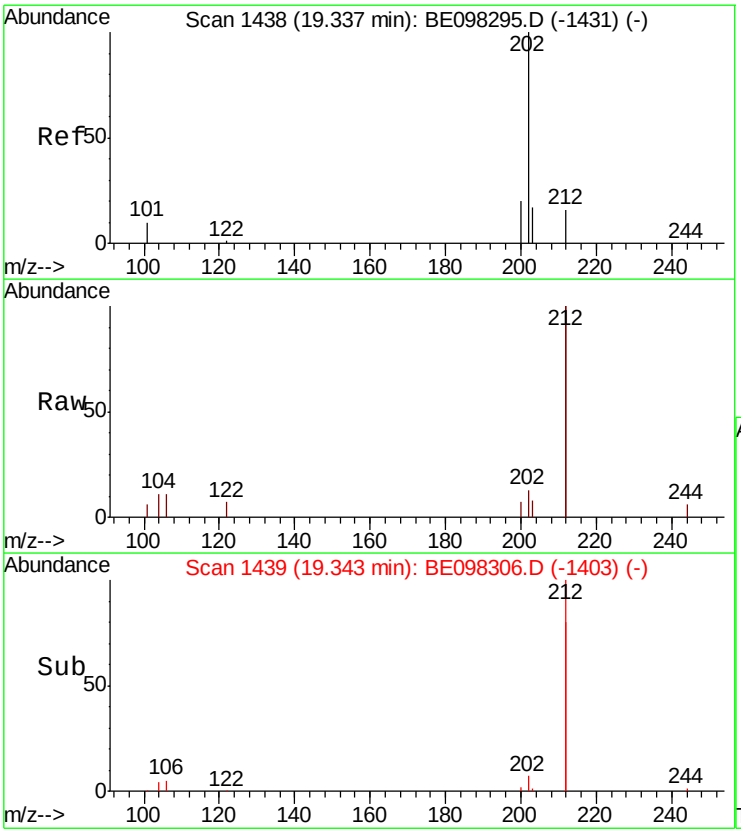
#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:212 Resp: 47316

Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.3	1.9

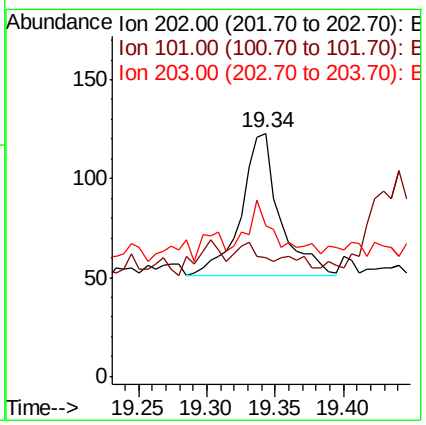


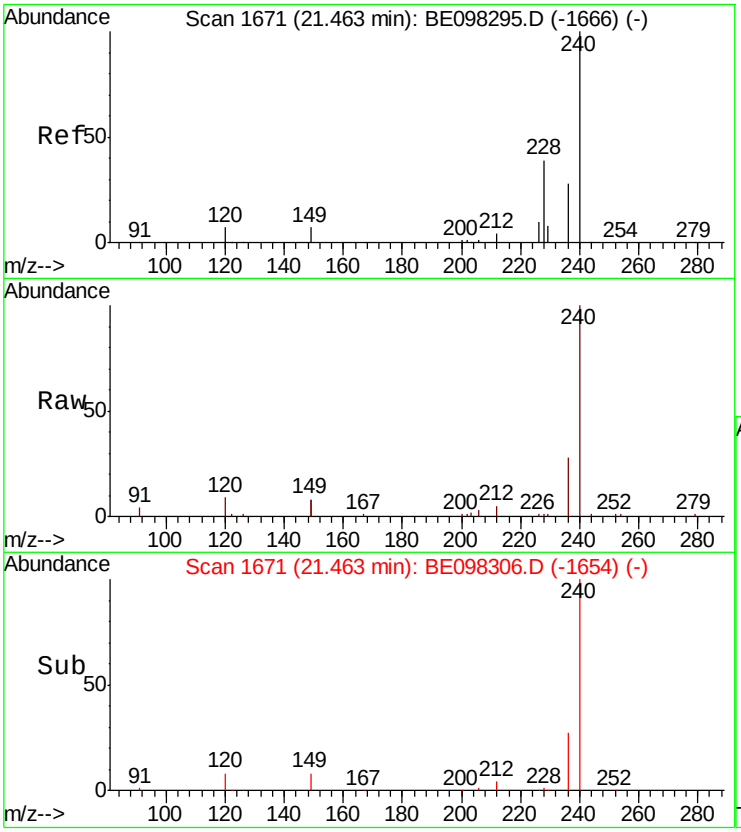


#26
Fluoranthene
Concen: 0.005 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:202 Resp: 140

Ion	Ratio	Lower	Upper
202	100		
101	7.1	8.0	12.0#
203	25.7	13.8	20.6#



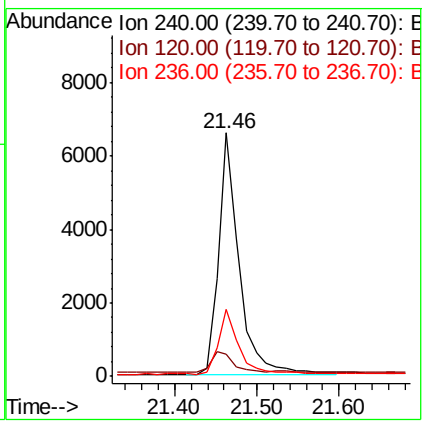


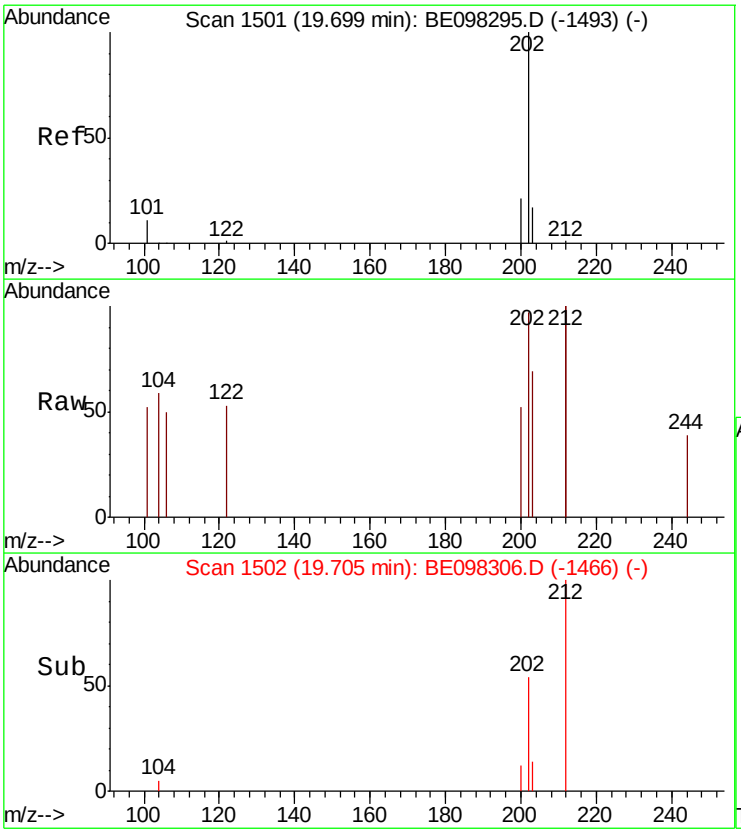
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:240 Resp: 11479

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	27.7	22.7	34.1

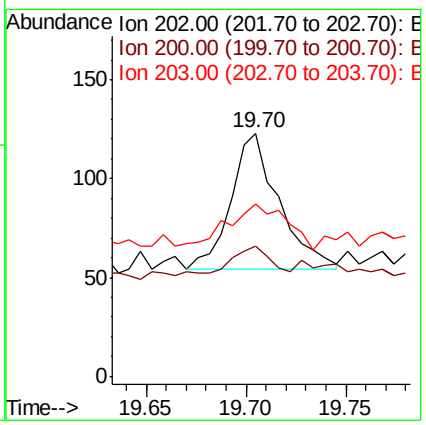


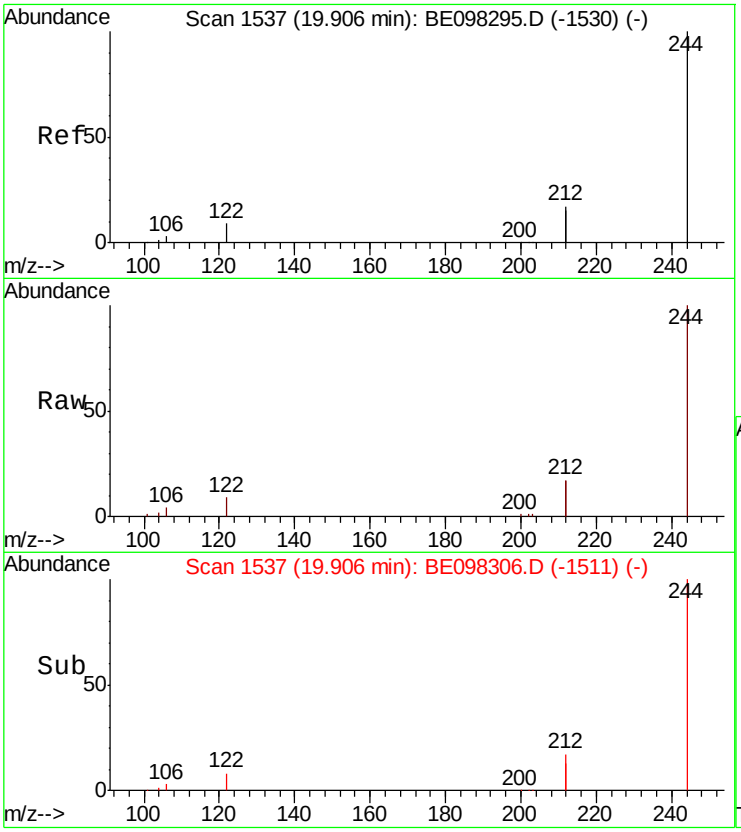


#28
Pyrene
Concen: 0.003 ng
RT: 19.70 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:202 Resp: 115

Ion	Ratio	Lower	Upper
202	100		
200	17.4	16.7	25.1
203	41.7	14.1	21.1#



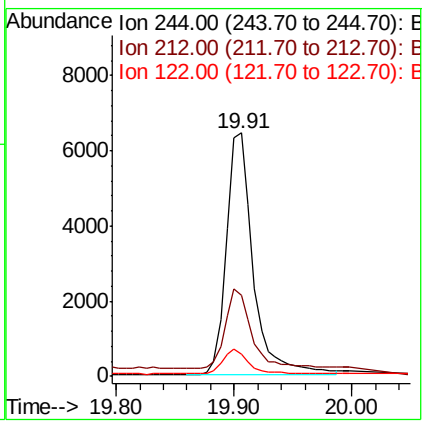


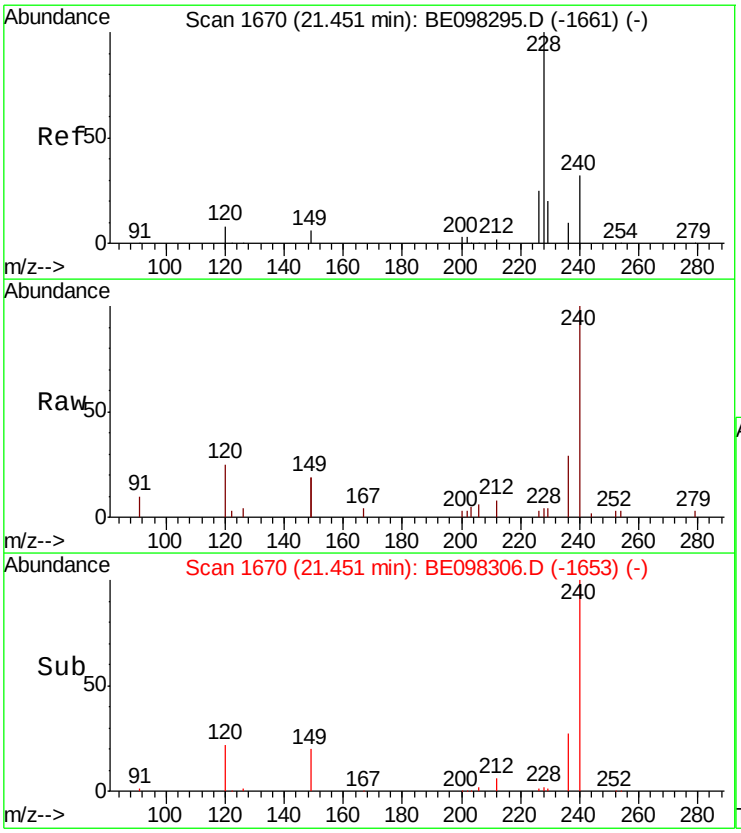
#29
Terphenyl-d14
Concen: 0.361 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:244 Resp: 10075

Ion	Ratio	Lower	Upper
244	100		
212	33.2	27.4	41.0
122	9.0	8.3	12.5

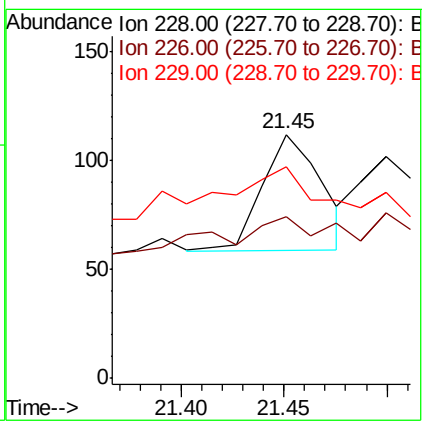


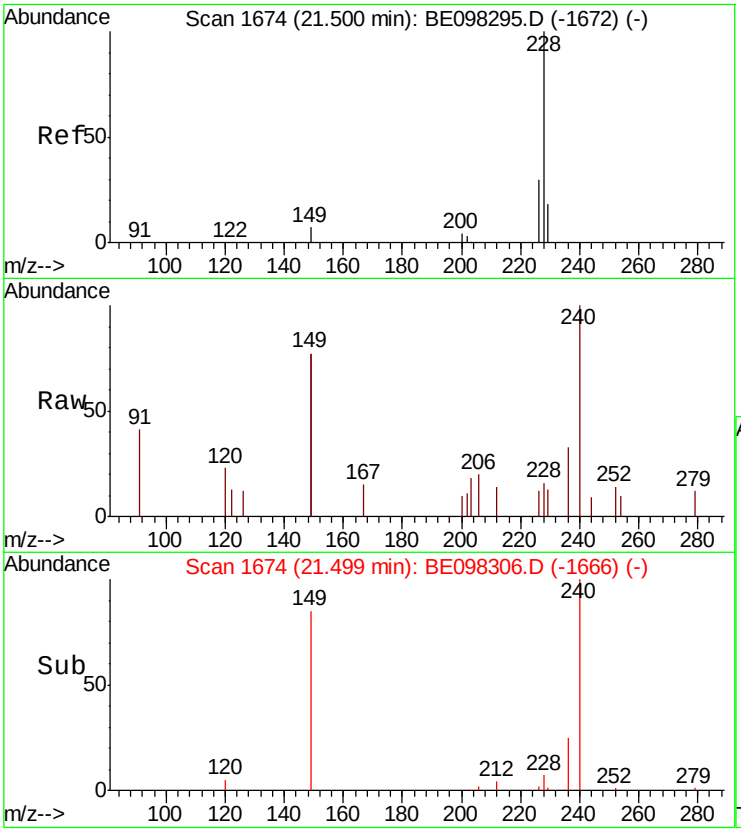


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:228 Resp: 107

Ion	Ratio	Lower	Upper
228	100		
226	66.1	21.8	32.8#
229	86.6	16.3	24.5#



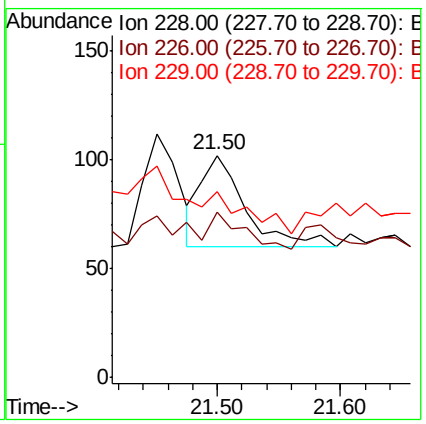


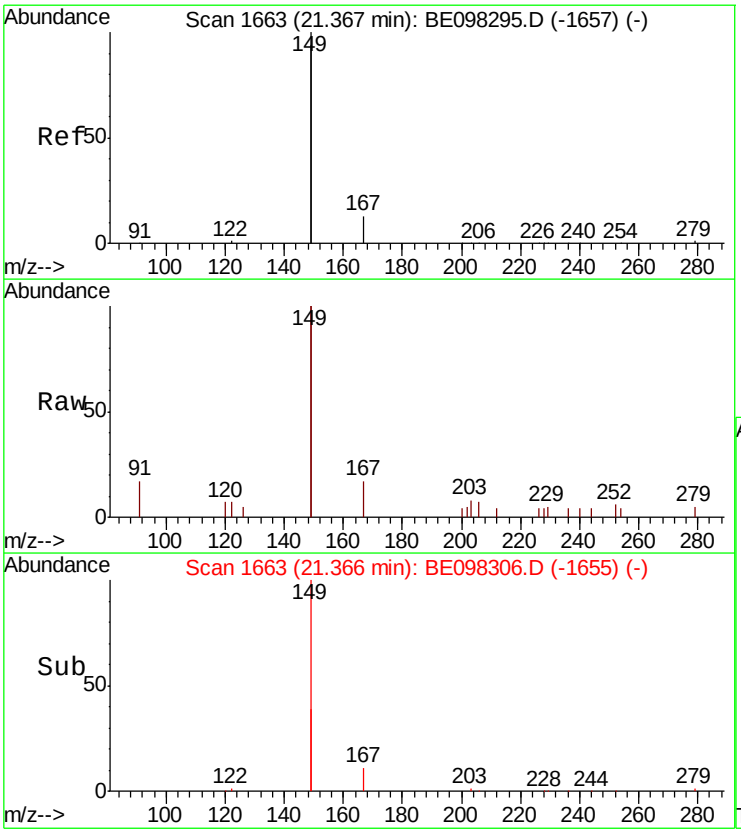
#31
Chrysene
Concen: 0.003 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:228 Resp: 105

Ion	Ratio	Lower	Upper
228	100		
226	74.5	23.4	35.0#
229	83.3	16.2	24.4#

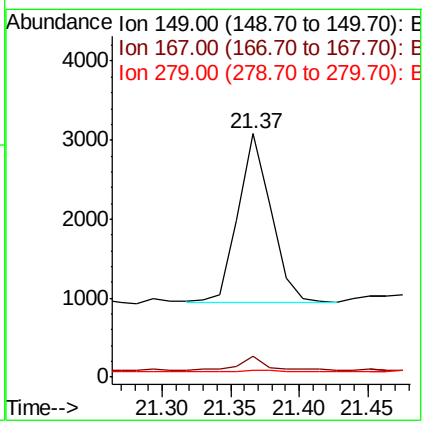


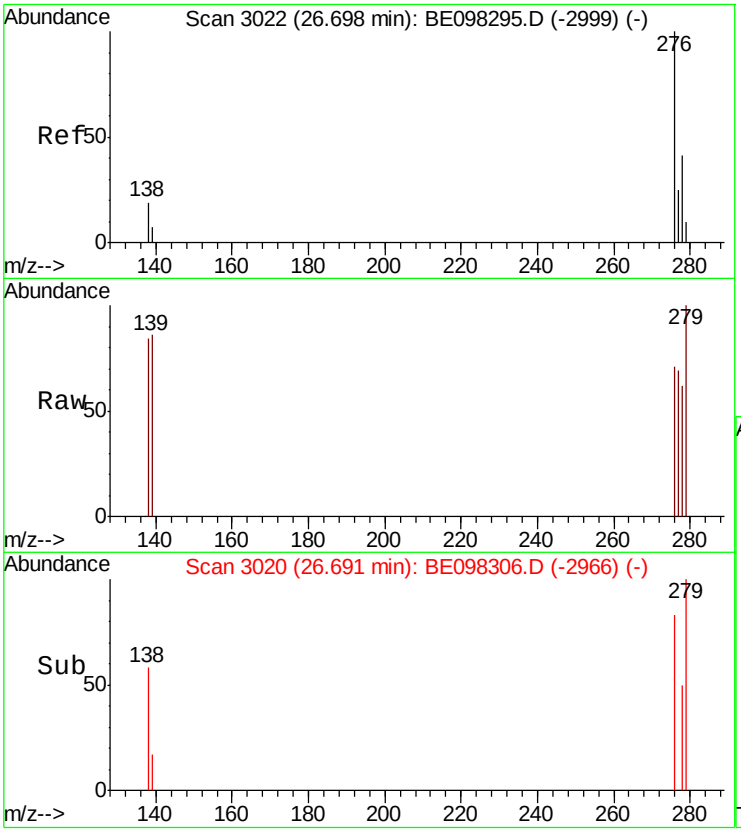


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.054 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:149 Resp: 3575

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.7	1.0	1.4#



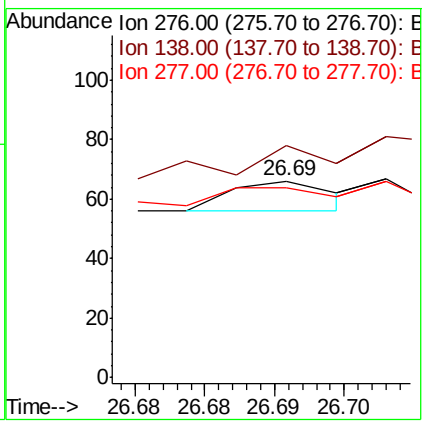


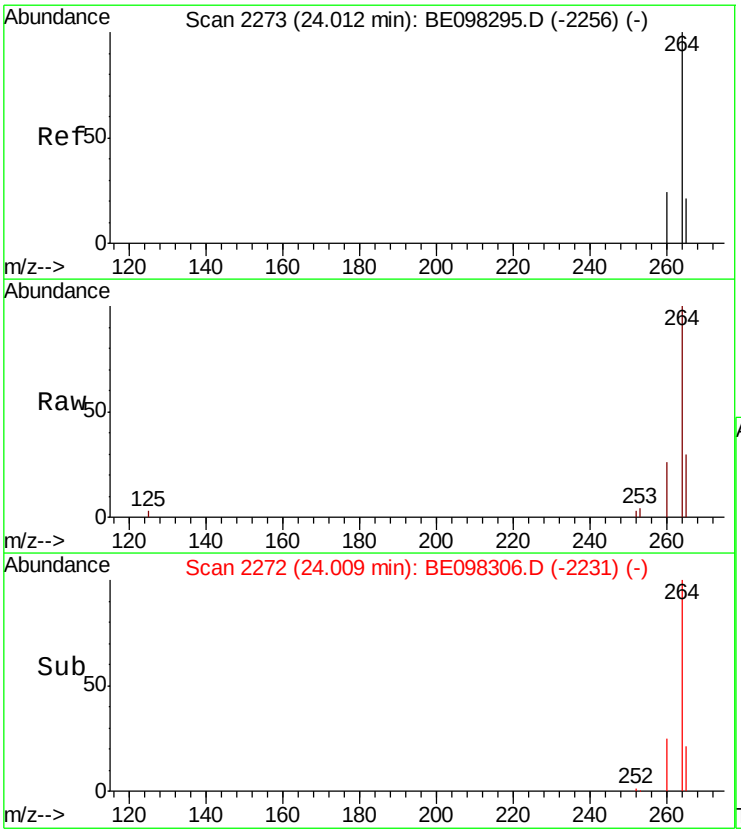
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.69 min Scan# 3020
Delta R.T. -0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:276 Resp: 5

Ion	Ratio	Lower	Upper
276	100		
138	320.0	16.3	24.5#
277	60.0	20.2	30.4#

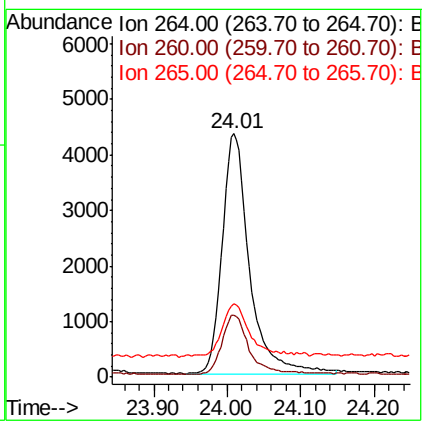


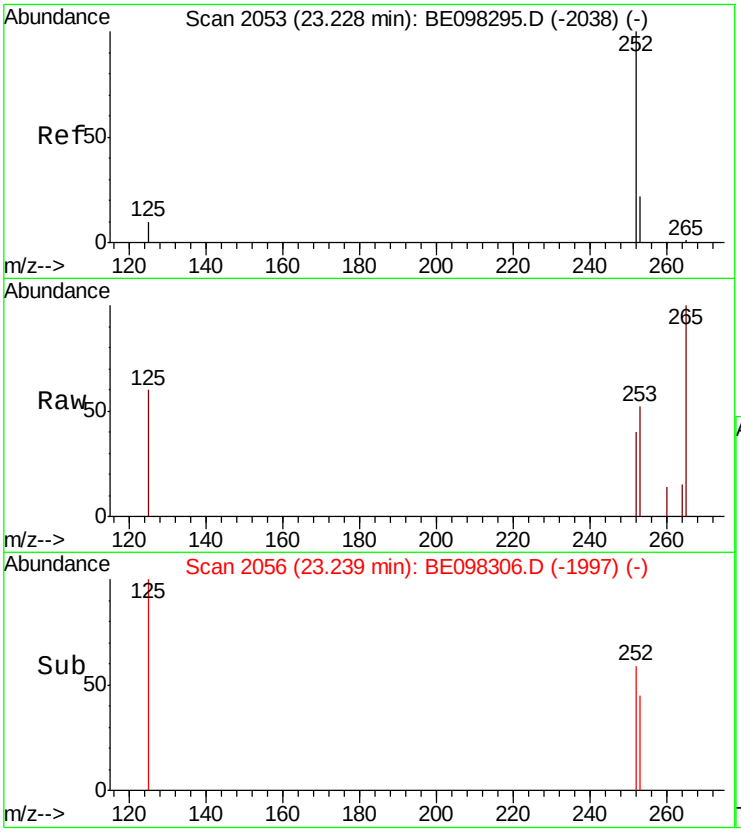


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:264 Resp: 11281

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	30.2	25.2	37.8



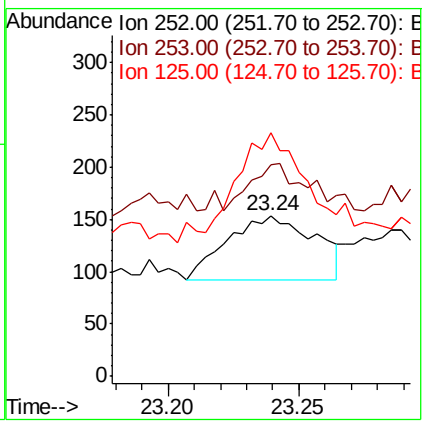


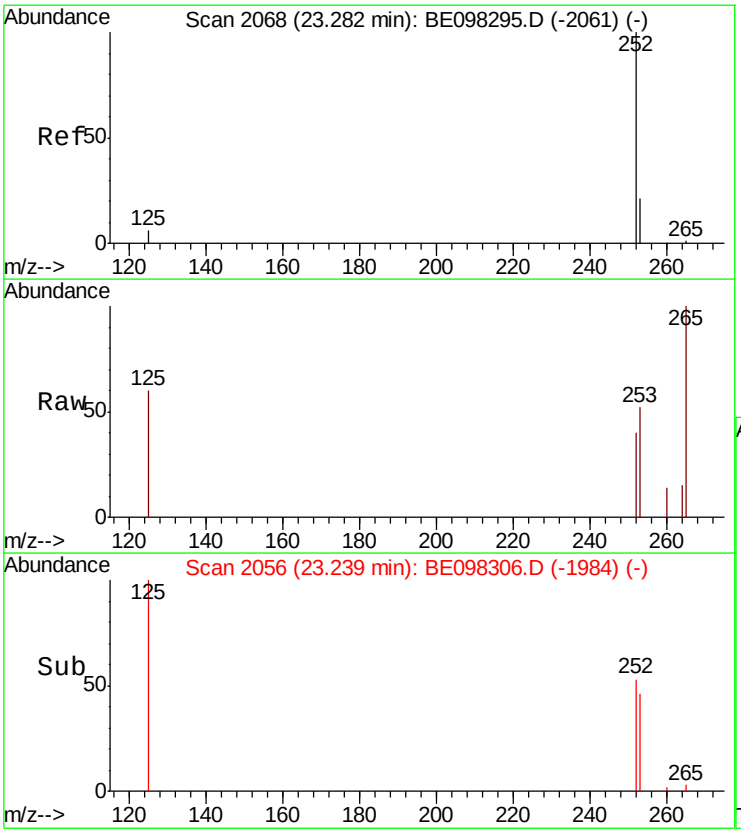
#35
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 23.24 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:252 Resp: 143

Ion	Ratio	Lower	Upper
252	100		
253	131.2	20.0	30.0#
125	151.3	9.6	14.4#

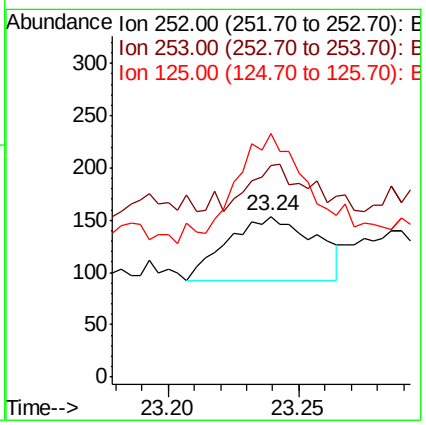


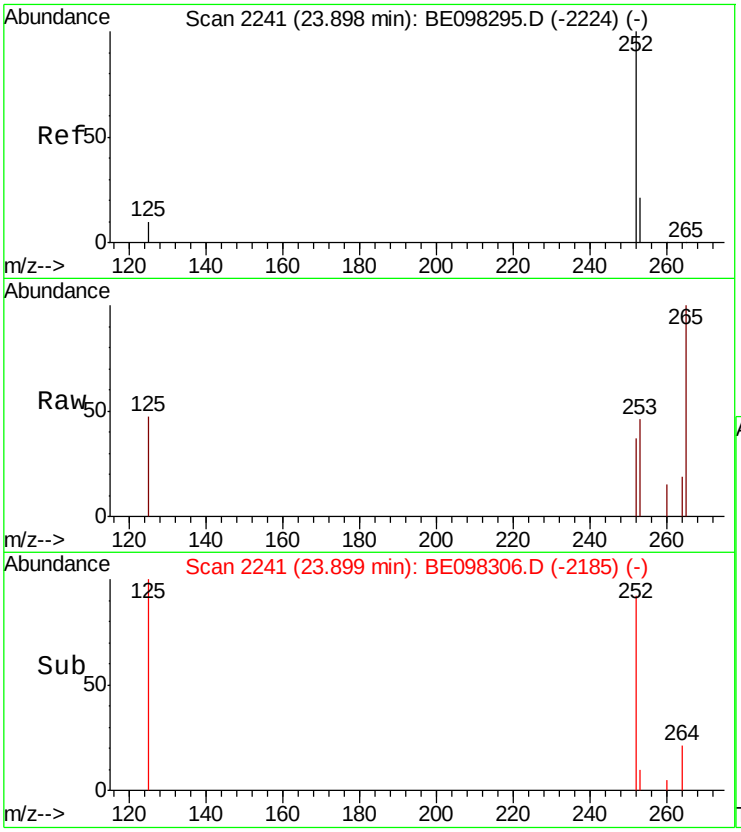


#36
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 23.24 min Scan# 2056
Delta R.T. -0.04 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:252 Resp: 143

Ion	Ratio	Lower	Upper
252	100		
253	131.2	19.0	28.6#
125	151.3	9.1	13.7#



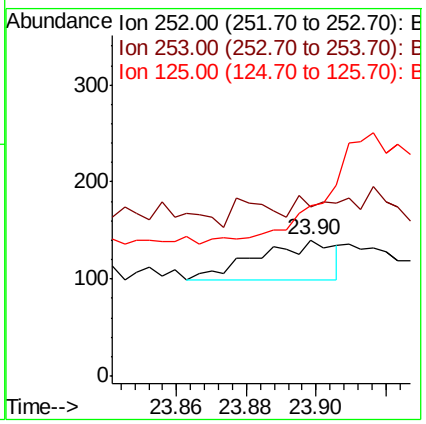


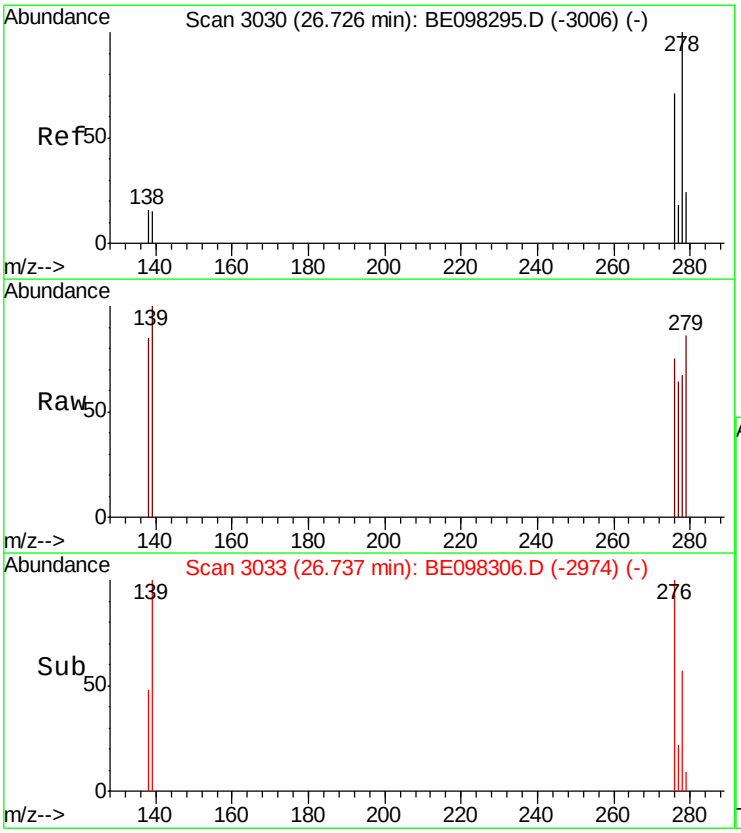
#37
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:252 Resp: 62

Ion	Ratio	Lower	Upper
252	100		
253	124.3	20.6	30.8#
125	125.0	10.5	15.7#

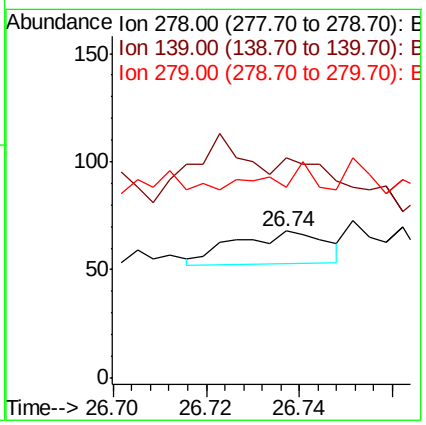


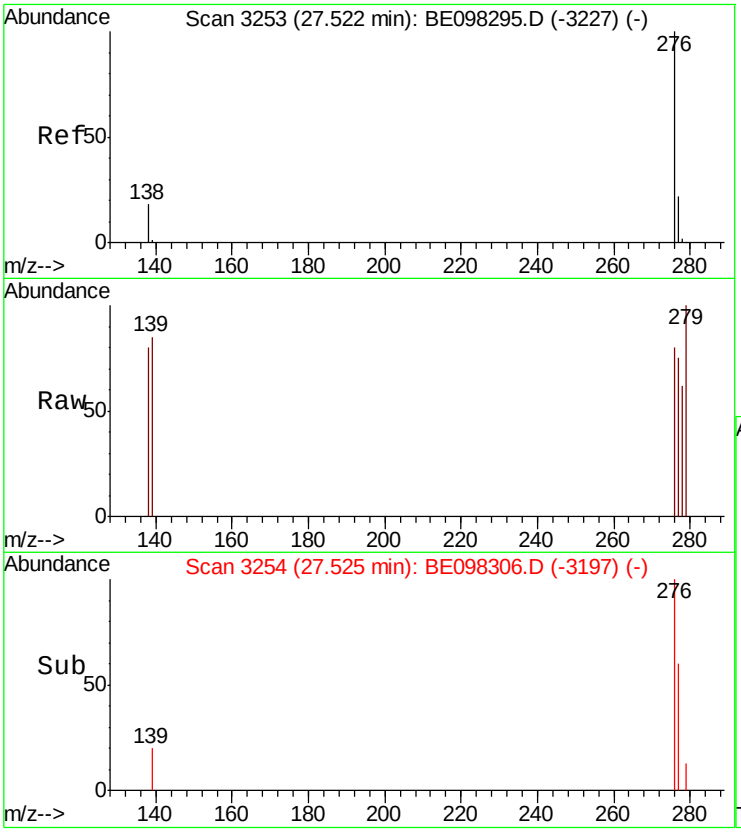


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.74 min Scan# 3033
Delta R.T. 0.01 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Tgt Ion:278 Resp: 21

Ion	Ratio	Lower	Upper
278	100		
139	150.0	14.5	21.7#
279	129.4	21.8	32.8#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 27.53 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BE098306.D
Acq: 10 Dec 2018 20:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20181205

Tgt Ion:276 Resp: 19

Ion	Ratio	Lower	Upper
276	100		
277	94.4	20.8	31.2#
138	100.0	15.8	23.6#