Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099864.D
Acq On : 7 Jun 2019 22:07
Operator : JU/SJ
Sample : K3221-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPS1-TT-MW309S-20190605

Quant Time: Jun 08 04:33:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	611	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2112	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1732	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5521	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10462	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12300	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	317	0.15	ng	0.00
5) Phenol-d6	6.97	99	280	0.11	ng	0.00
8) Nitrobenzene-d5	8.98	82	737	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1306	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	519	0.30	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2144	0.34	ng	0.00
25) Fluoranthene-d10	19.25	212	33584	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	8026	0.41	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	71	0.064	ng	# 29
3) n-Nitrosodimethylamine	3.58	42	13	0.022	ng	# 6
6) bis(2-Chloroethyl)ether	7.25	93	7	0.004	ng	# 63
9) Naphthalene	10.65	128	61	0.003	ng	# 41
10) Hexachlorobutadiene	10.90	225	4	0.002	ng	# 1
12) 2-Methylnaphthalene	12.25	142	12	0.003	ng	# 60
16) Acenaphthylene	14.20	152	50	0.006	ng	# 70
17) Acenaphthene	14.54	154	4	0.001	ng	# 45
18) Fluorene	15.46	166	8	0.001	ng	# 8
20) 4-Bromophenyl-phenylether	16.36	248	2	0.001	ng	# 60
21) Hexachlorobenzene	16.51	284	1	0.000	ng	# 1
22) Pentachlorophenol	16.88	266	95	0.315	ng	93
23) Phenanthrene	17.26	178	90	0.007	ng	# 52
24) Anthracene	17.35	178	63	0.005	ng	# 58
26) Fluoranthene	19.28	202	255	0.011	ng	# 93
28) Pyrene	19.64	202	178	0.006	ng	# 73
30) Benzo(a)anthracene	21.39	228	254	0.008	ng	# 1
31) Chrysene	21.44	228	212	0.006	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	1428	0.026	ng	# 90
33) Indeno(1,2,3-cd)pyrene	26.61	276	165	0.004	ng	# 73
35) Benzo(b)fluoranthene	23.15	252	177	0.005	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	177	0.005	ng	# 1
37) Benzo(a)pyrene	23.82	252	211	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	31	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	83	0.002	ng	# 1

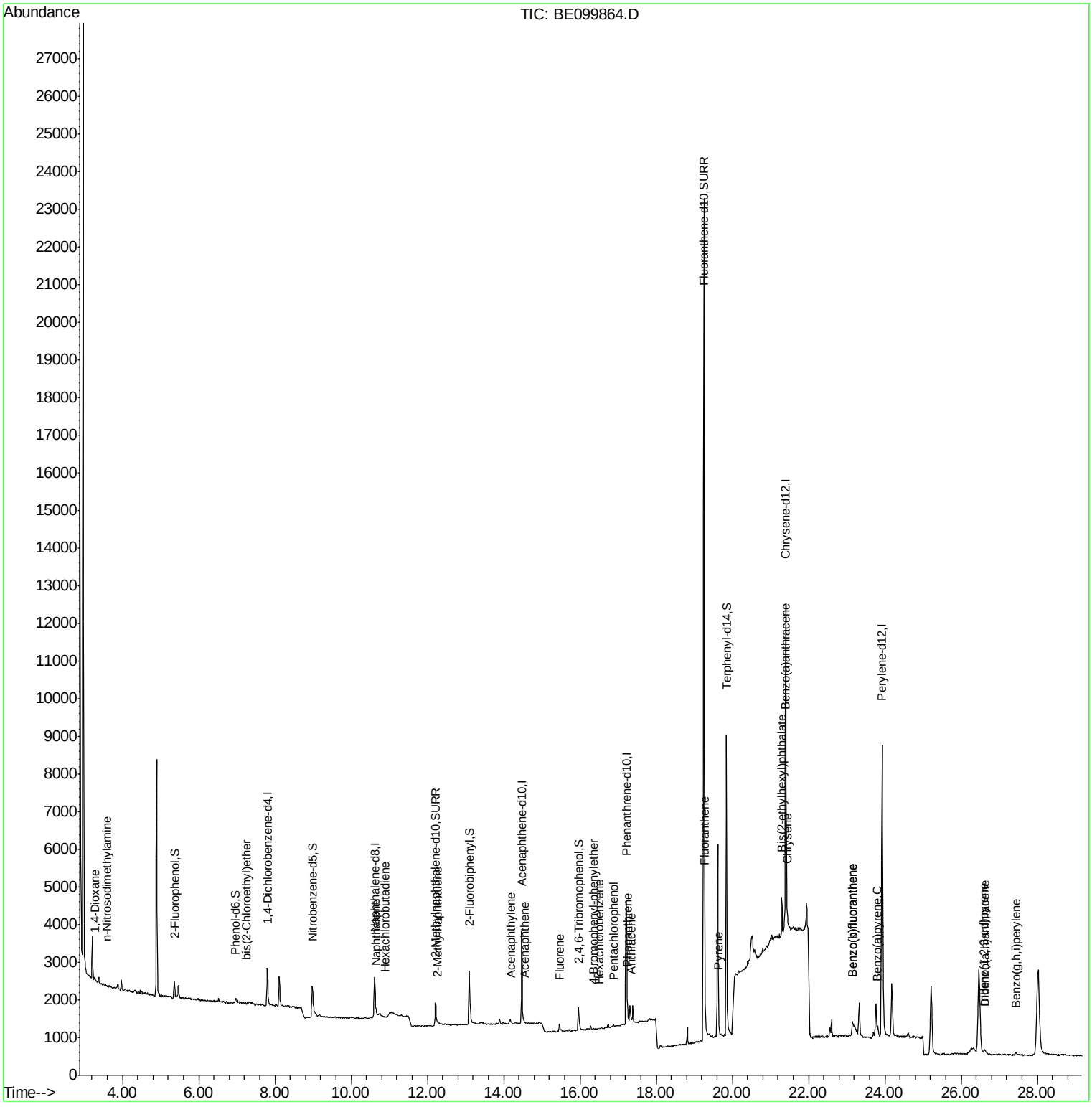
(#) = qualifier out of range (m) = manual integration (+) = signals summed

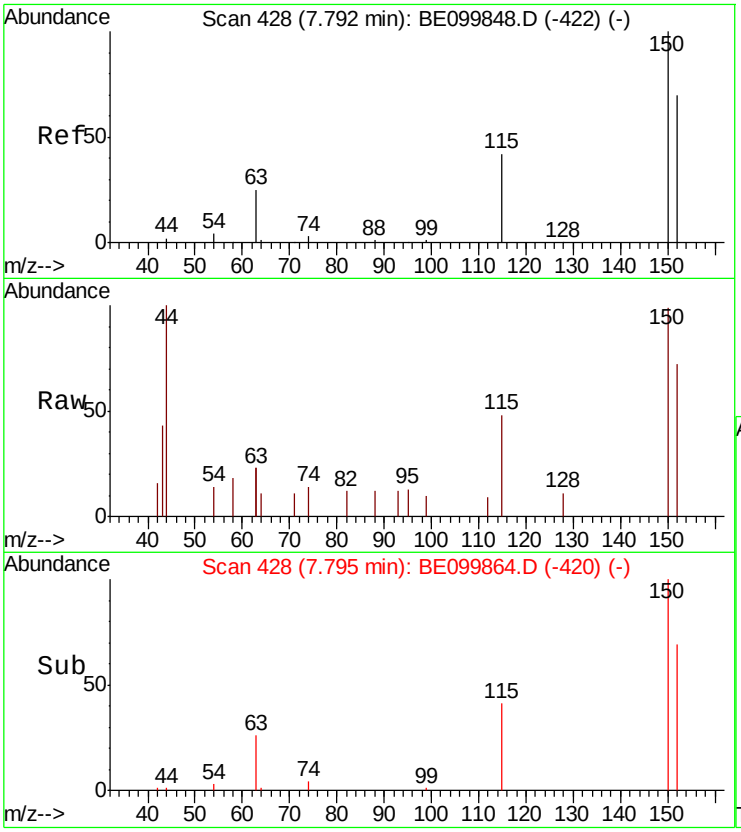
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099864.D
Acq On : 7 Jun 2019 22:07
Operator : JU/SJ
Sample : K3221-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Quant Time: Jun 08 04:33:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 15:25:21 2019
Response via : Initial Calibration



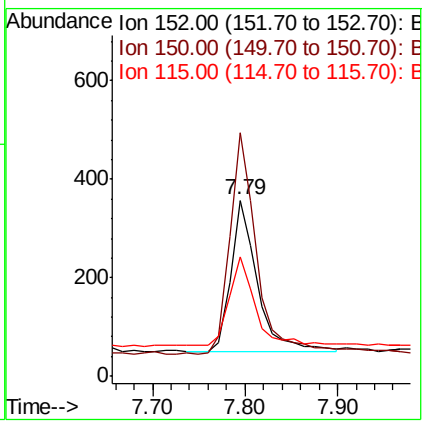


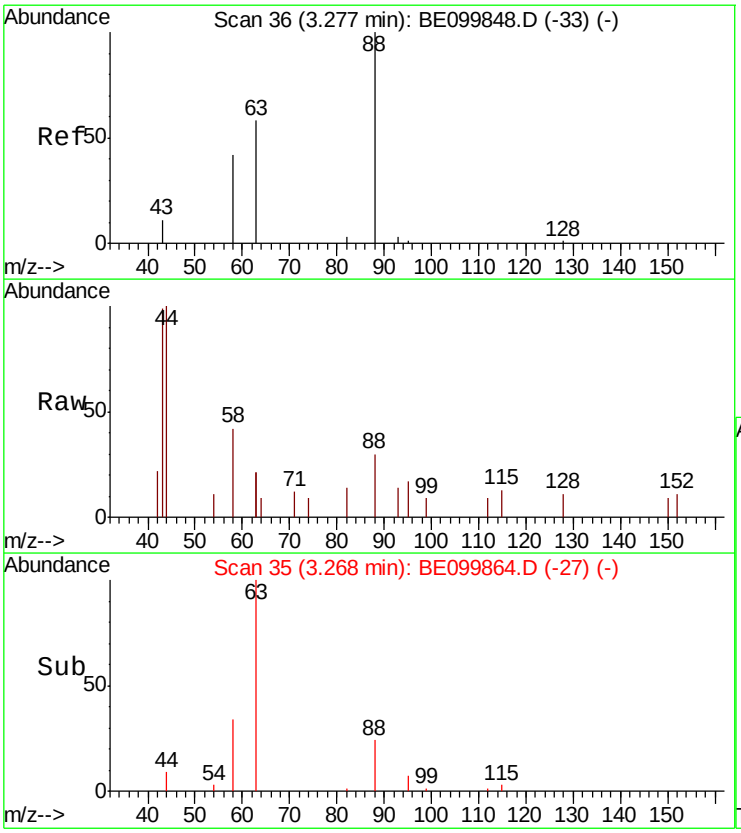
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:152 Resp: 611

Ion	Ratio	Lower	Upper
152	100		
150	138.0	112.8	169.2
115	67.6	47.6	71.4

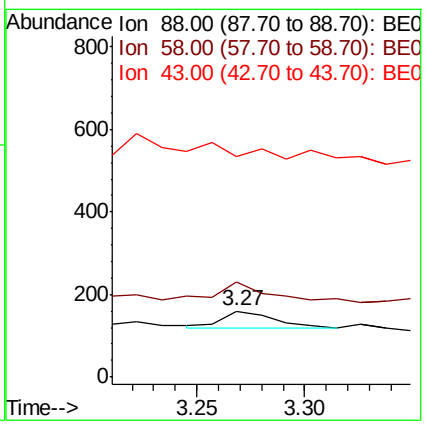


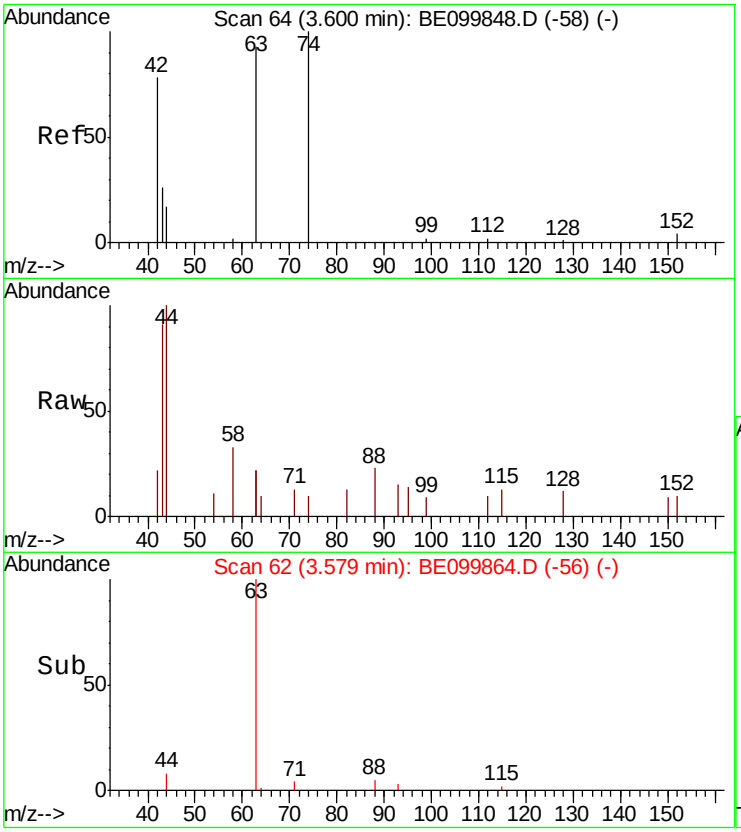


#2
1,4-Dioxane
Concen: 0.064 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion: 88 Resp: 71

Ion	Ratio	Lower	Upper
88	100		
58	119.7	47.3	70.9#
43	0.0	18.2	27.4#



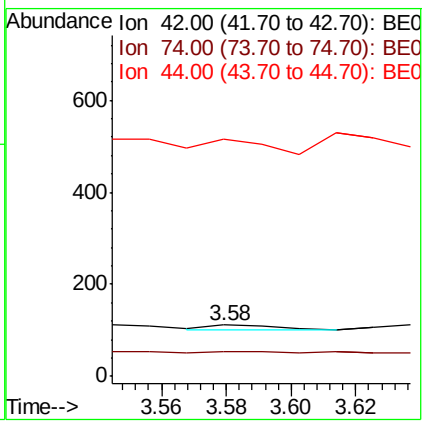


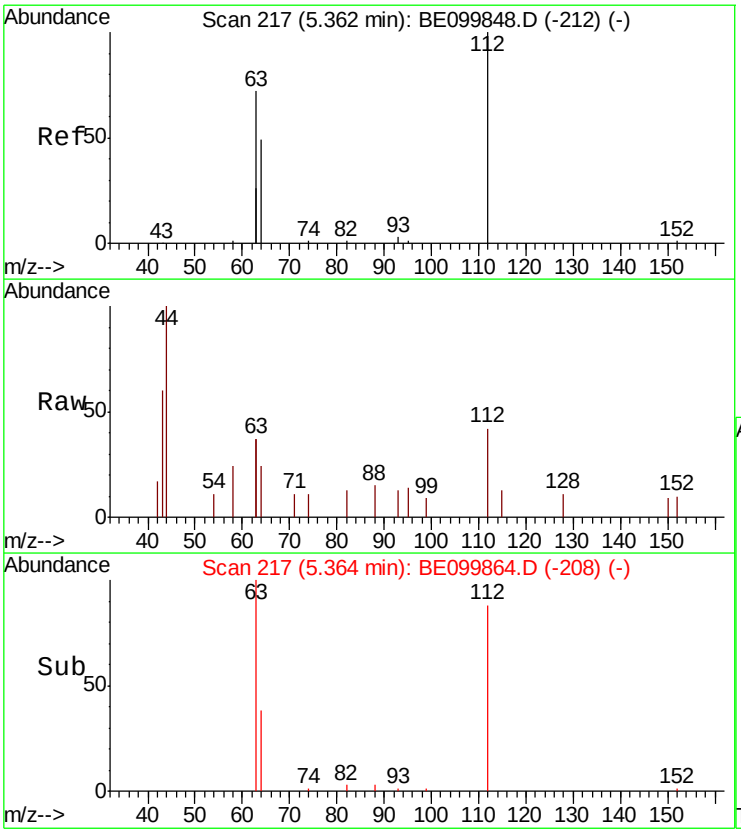
#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.03 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	30.8	132.6	198.8#
44	0.0	13.4	20.0#

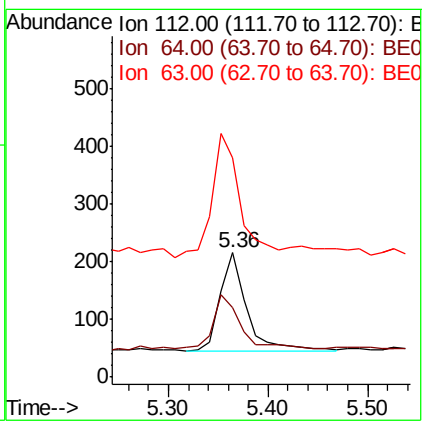


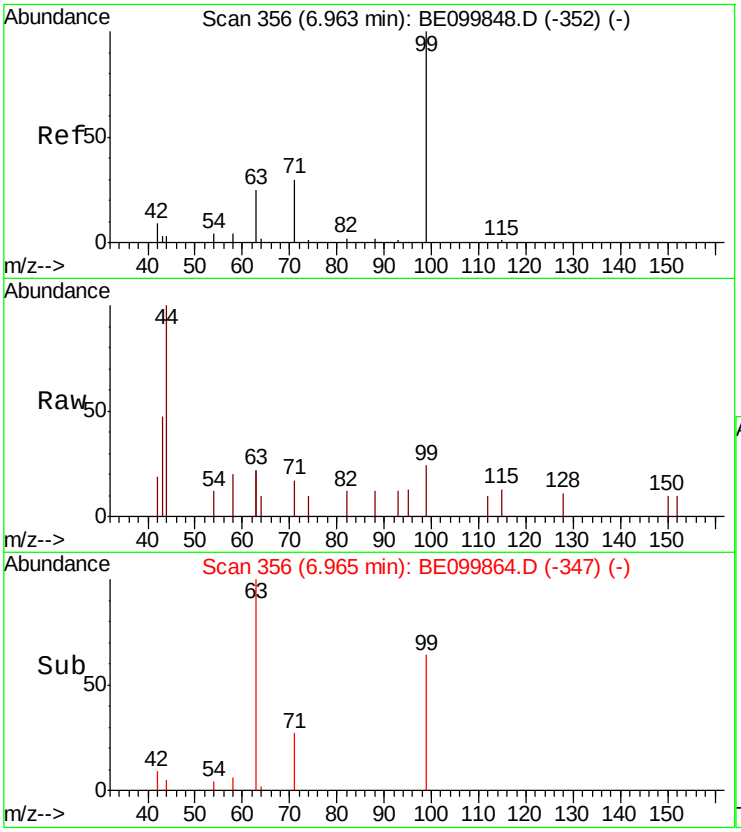


#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:112 Resp: 317

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.2	70.8
63	133.4	90.7	136.1



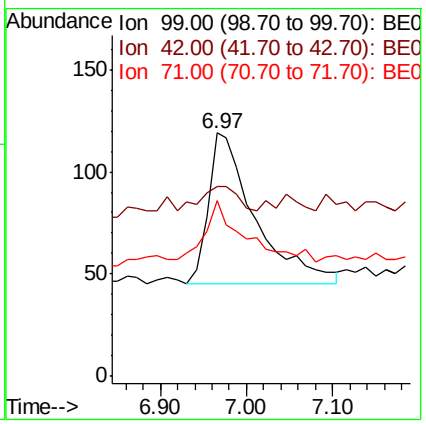


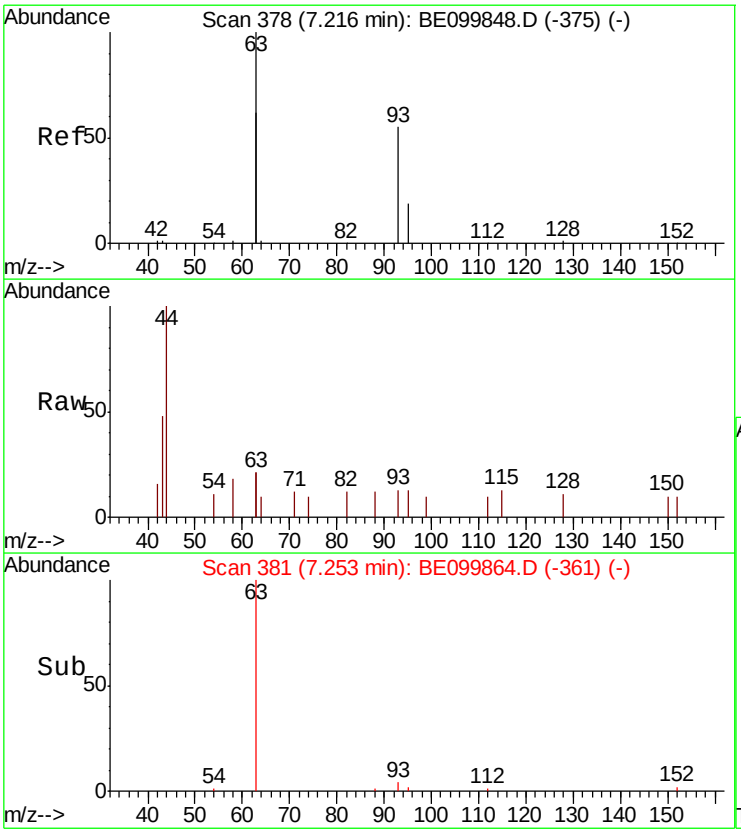
#5
Phenol-d6
Concen: 0.111 ng
RT: 6.97 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion: 99 Resp: 280

Ion	Ratio	Lower	Upper
99	100		
42	12.1	11.0	16.4
71	34.3	26.1	39.1

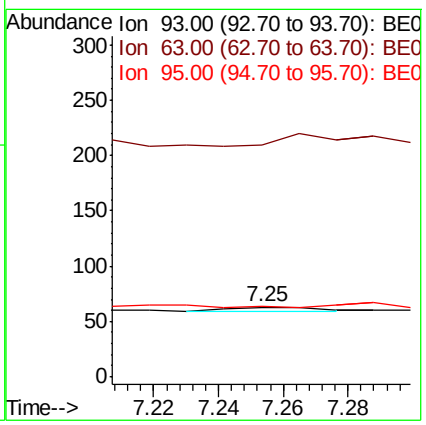


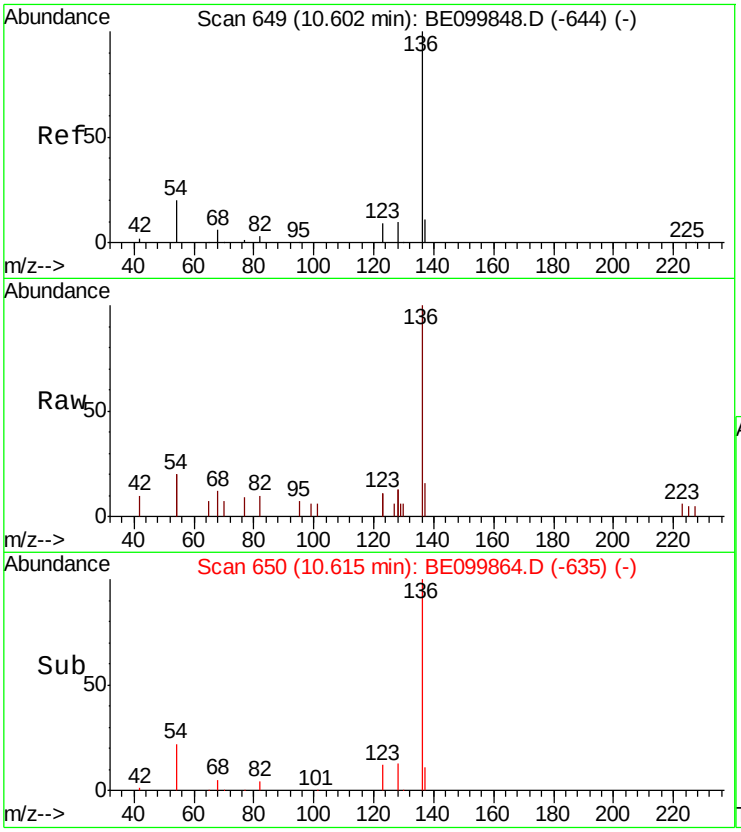


#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.03 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion: 93 Resp: 7

Ion	Ratio	Lower	Upper
93	100		
63	200.0	208.8	313.2#
95	0.0	27.6	41.4#



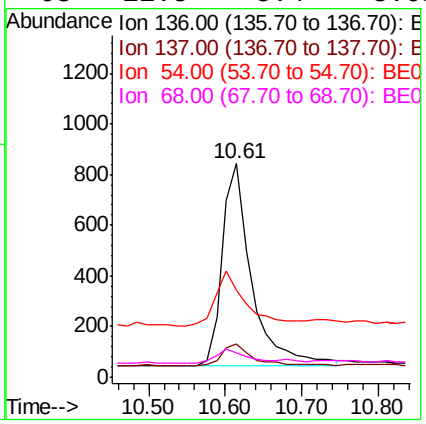


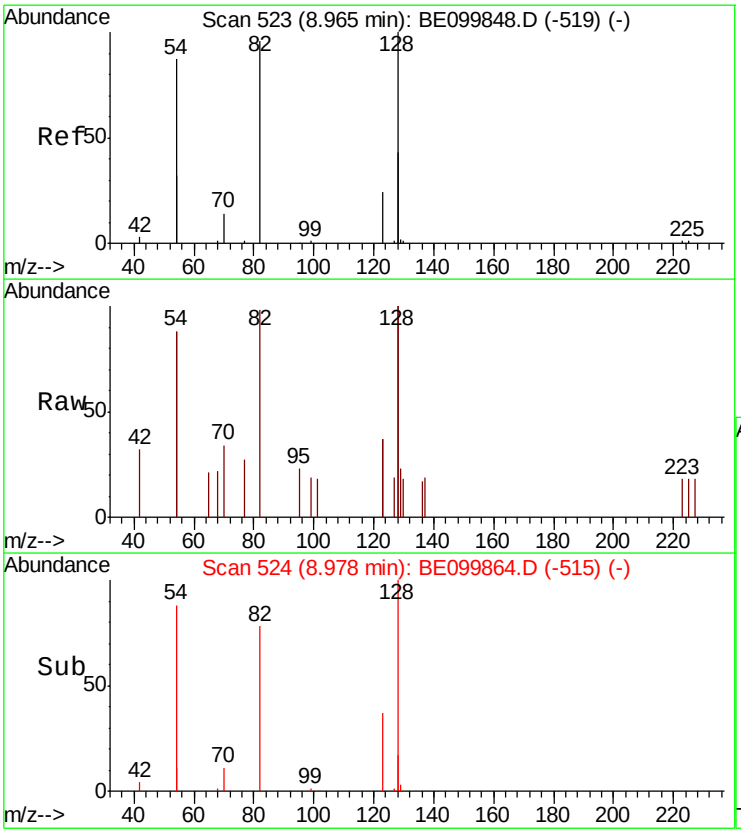
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:136 Resp: 2112

Ion	Ratio	Lower	Upper
136	100		
137	15.9	11.1	16.7
54	40.8	17.9	26.9#
68	11.5	5.4	8.0#

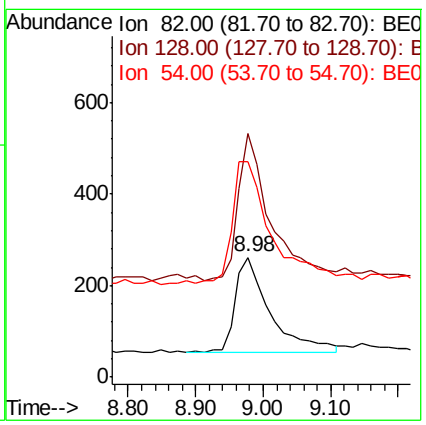


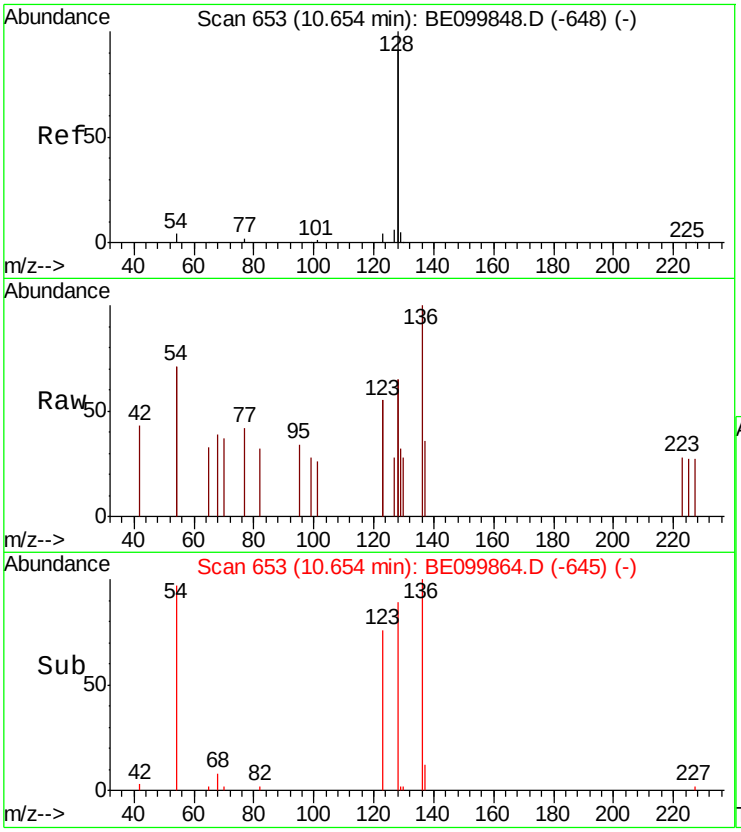


#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion: 82 Resp: 737

Ion	Ratio	Lower	Upper
82	100		
128	203.1	116.6	175.0#
54	179.4	136.2	204.4



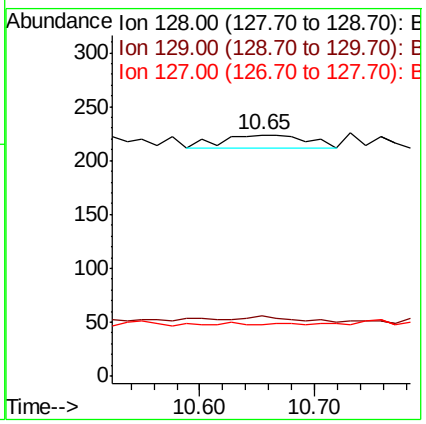


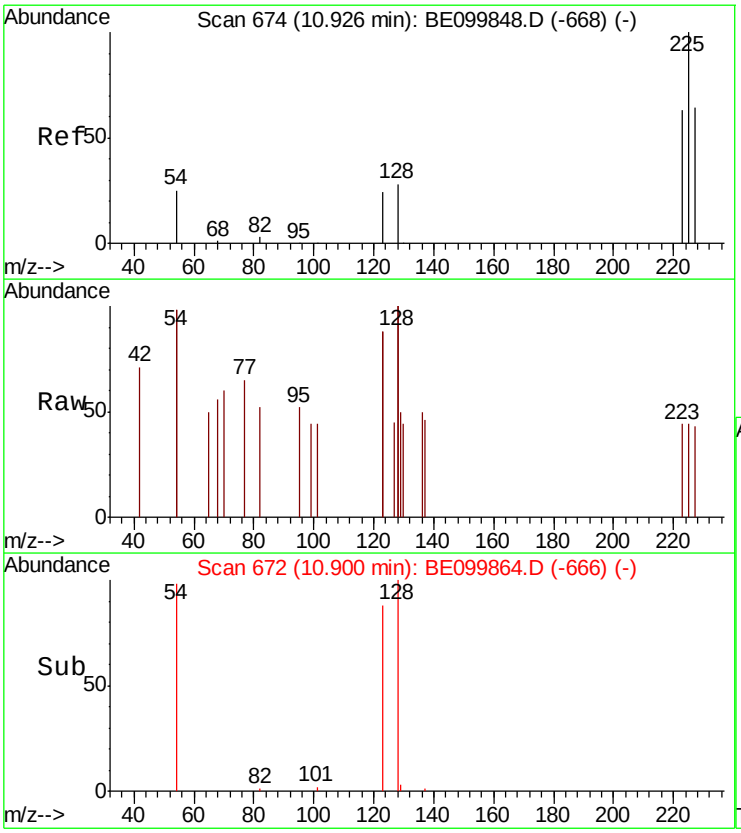
#9
Naphthalene
Concen: 0.003 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:128 Resp: 61

Ion	Ratio	Lower	Upper
128	100		
129	25.0	2.6	4.0#
127	21.4	3.0	4.6#

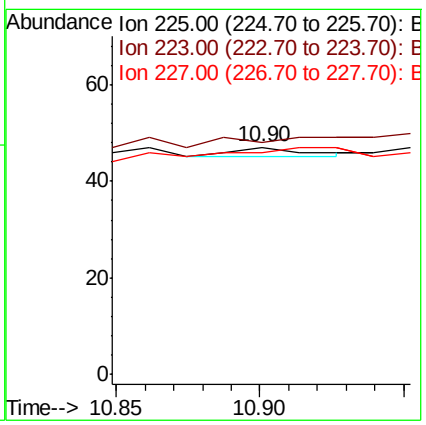


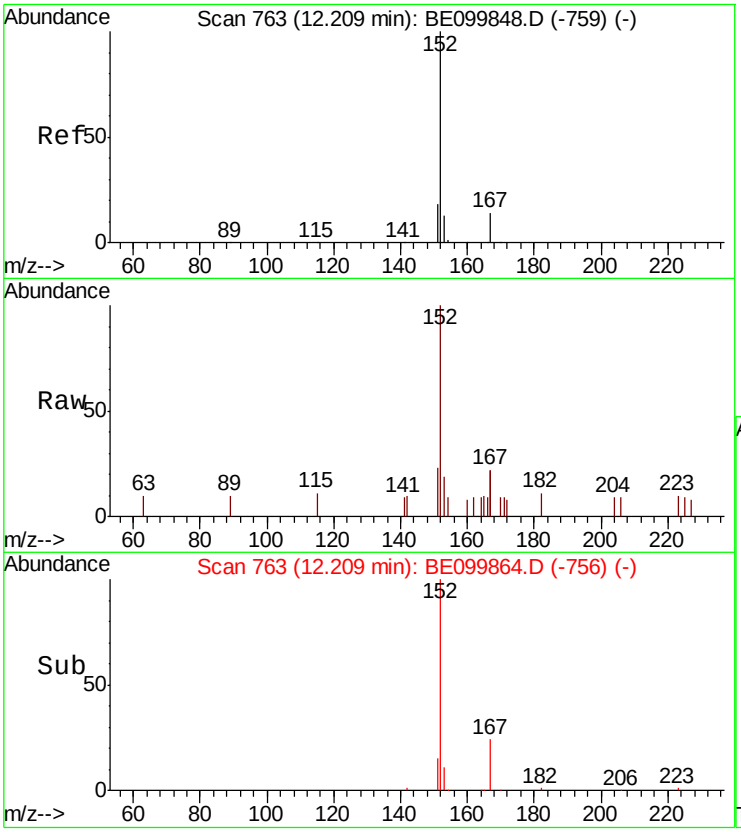


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:225 Resp: 4

Ion	Ratio	Lower	Upper
225	100		
223	0.0	48.6	72.8#
227	350.0	51.6	77.4#



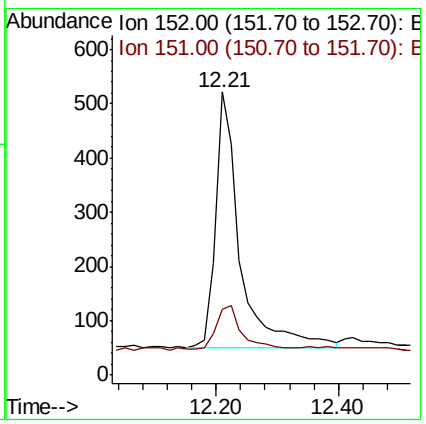


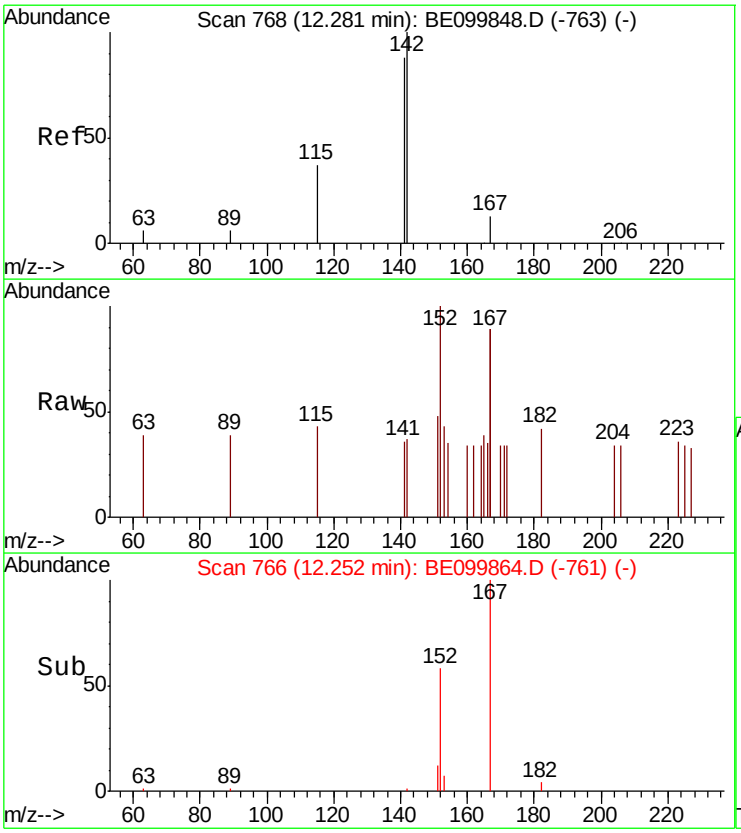
#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:152 Resp: 1306

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.8	23.8

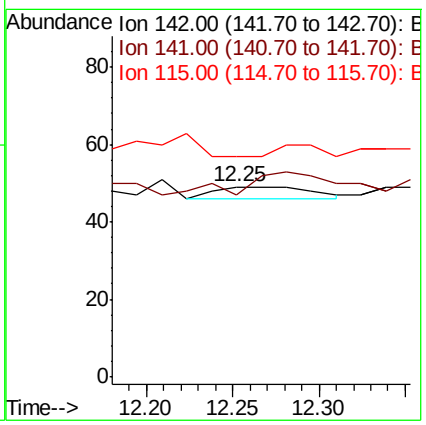


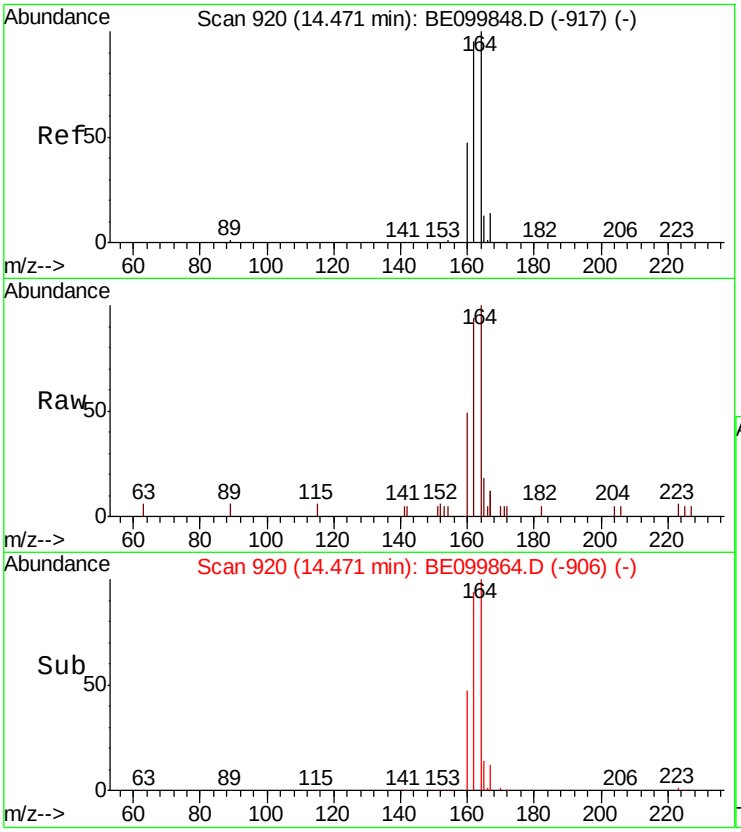


#12
2-Methylnaphthalene
Concen: 0.003 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.03 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:142 Resp: 12

Ion	Ratio	Lower	Upper
142	100		
141	95.9	73.3	109.9
115	116.3	33.4	50.2#



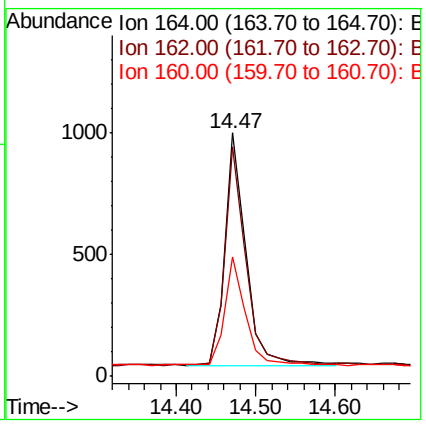


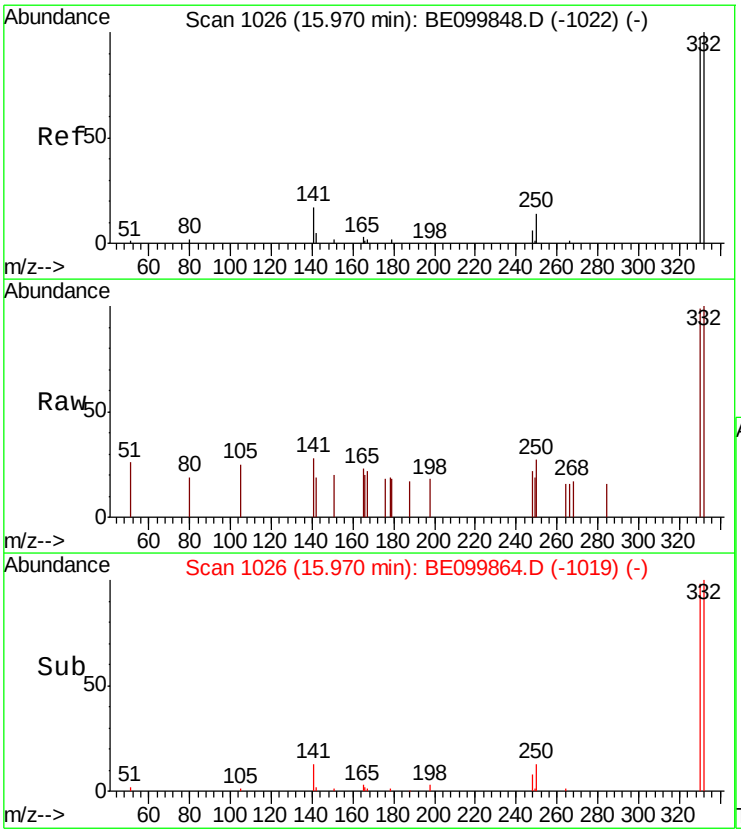
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:164 Resp: 1732

Ion	Ratio	Lower	Upper
164	100		
162	94.2	77.2	115.8
160	49.1	39.4	59.2

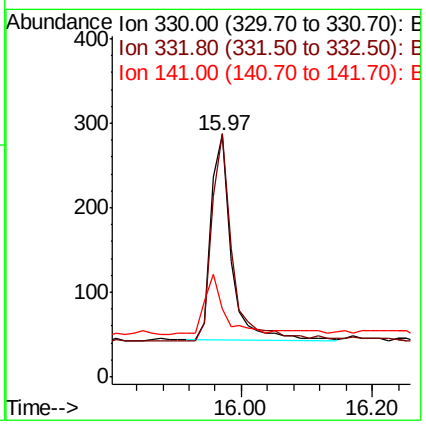


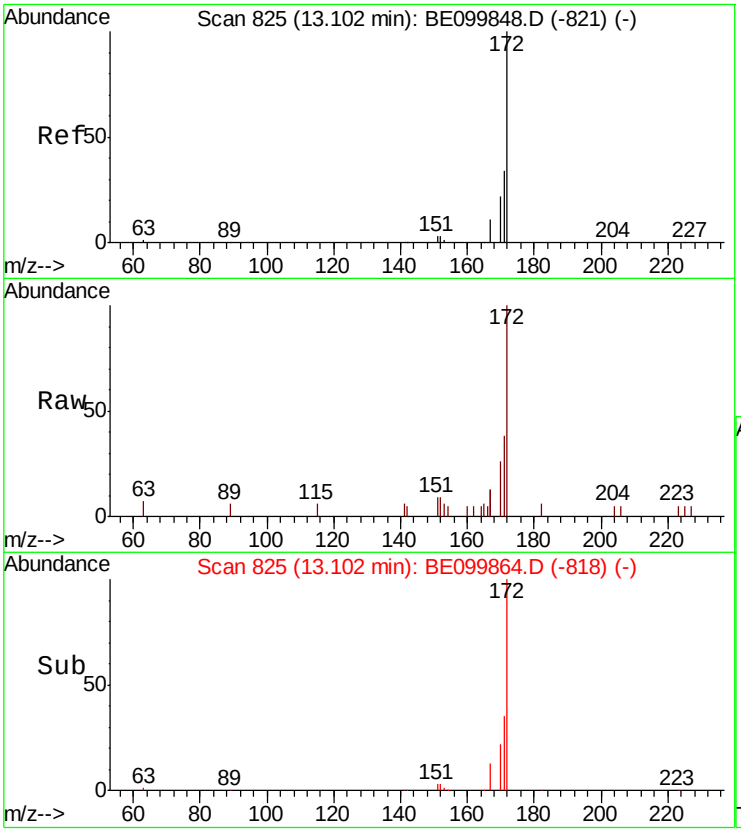


#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:330 Resp: 519

Ion	Ratio	Lower	Upper
330	100		
332	102.5	74.9	112.3
141	26.4	16.0	24.0#



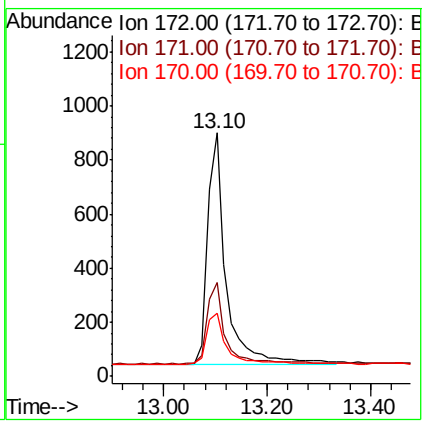


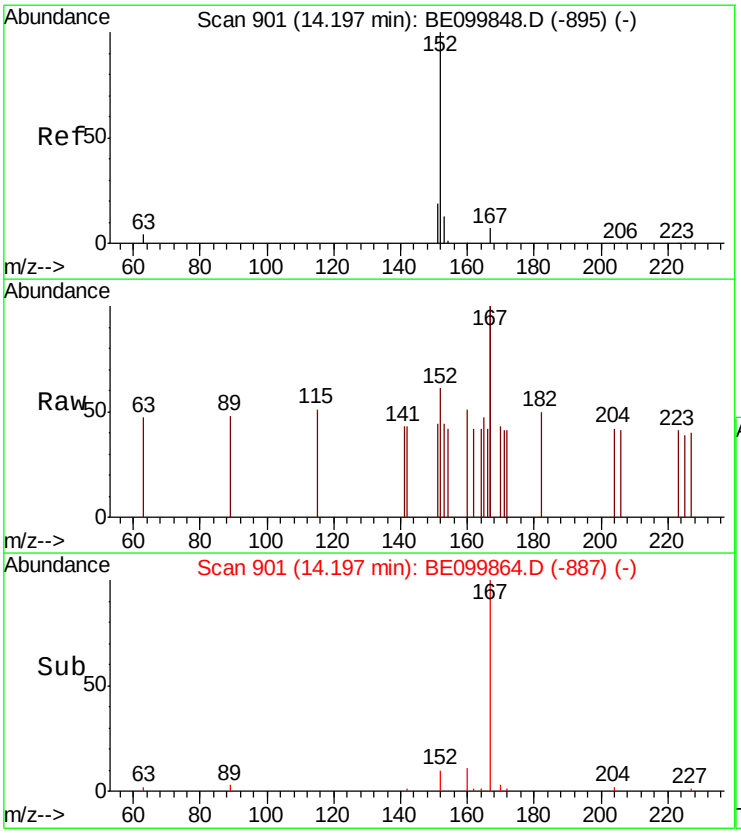
#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:172 Resp: 2144

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.2	45.4
170	26.1	20.1	30.1

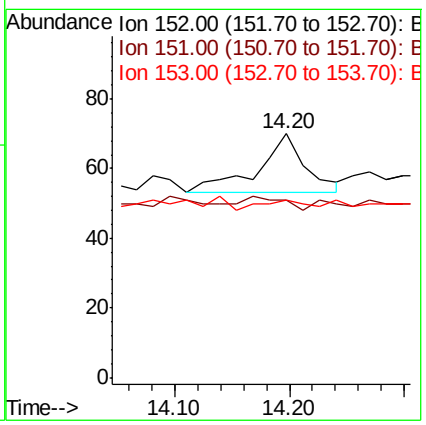


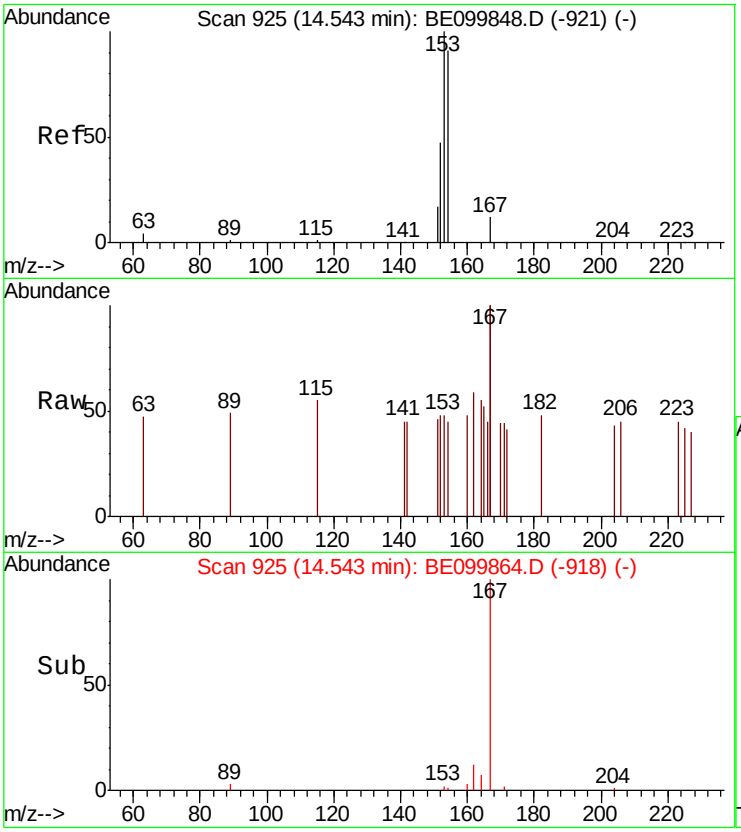


#16
Acenaphthylene
Concen: 0.006 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:152 Resp: 50

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	18.0	10.8	16.2#



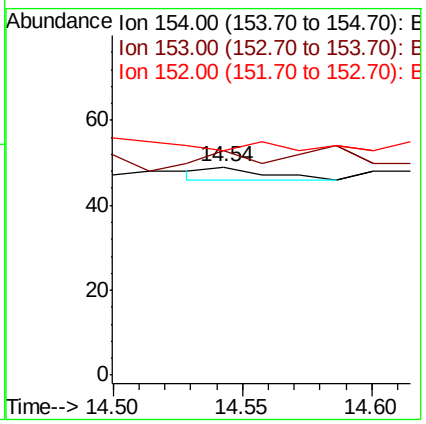


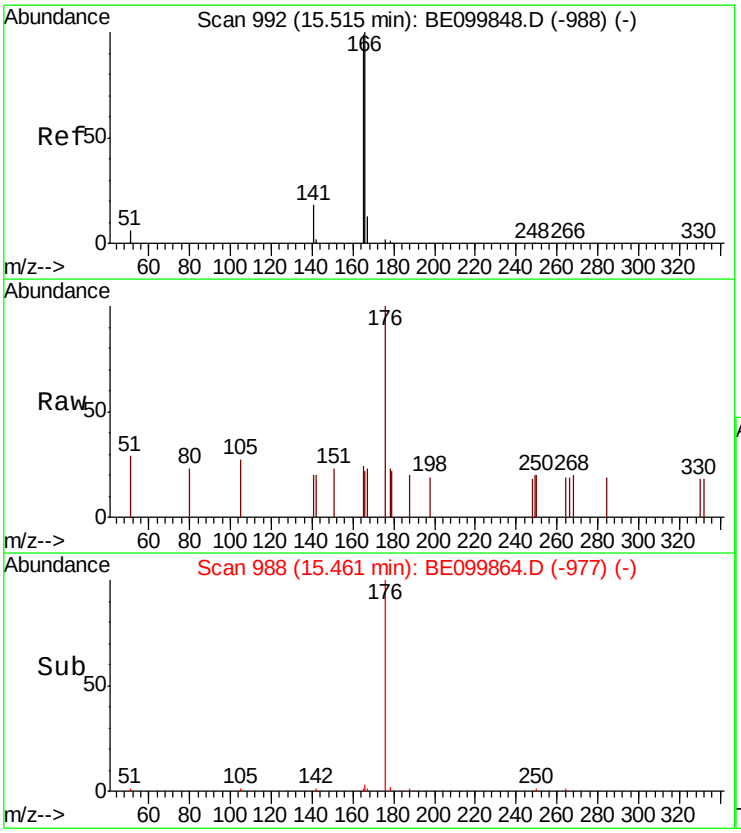
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:154 Resp: 4

Ion	Ratio	Lower	Upper
154	100		
153	200.0	93.8	140.6#
152	50.0	48.3	72.5

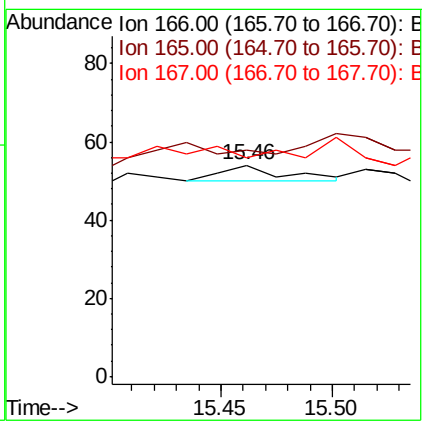


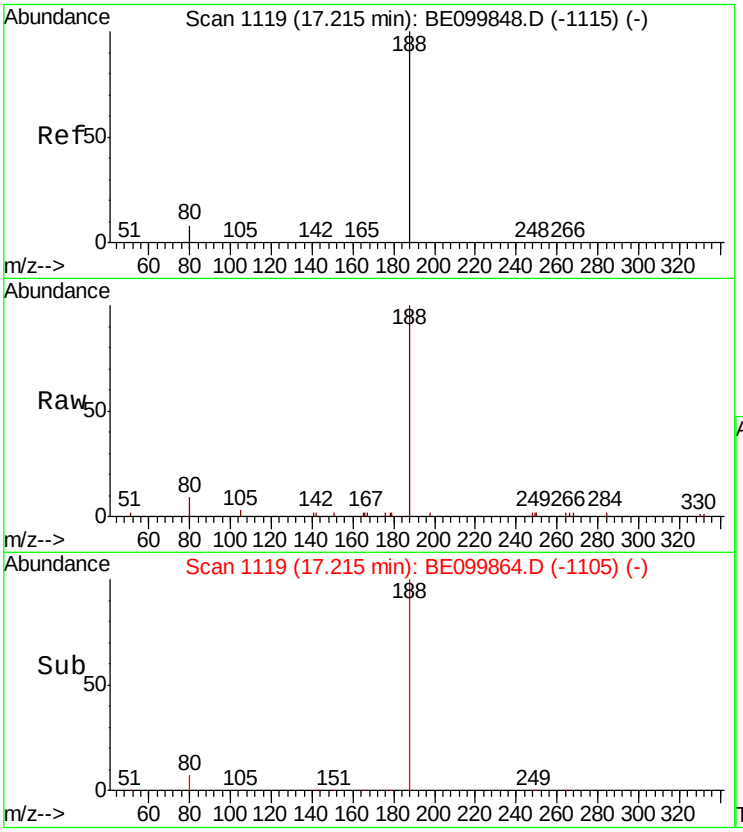


#18
Fluorene
Concen: 0.001 ng
RT: 15.46 min Scan# 988
Delta R.T. -0.05 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:166 Resp: 8

Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.4	120.6#
167	0.0	10.7	16.1#



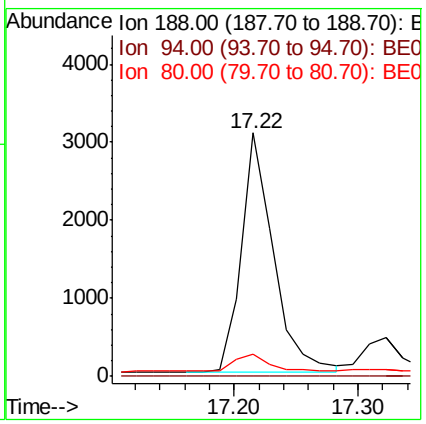


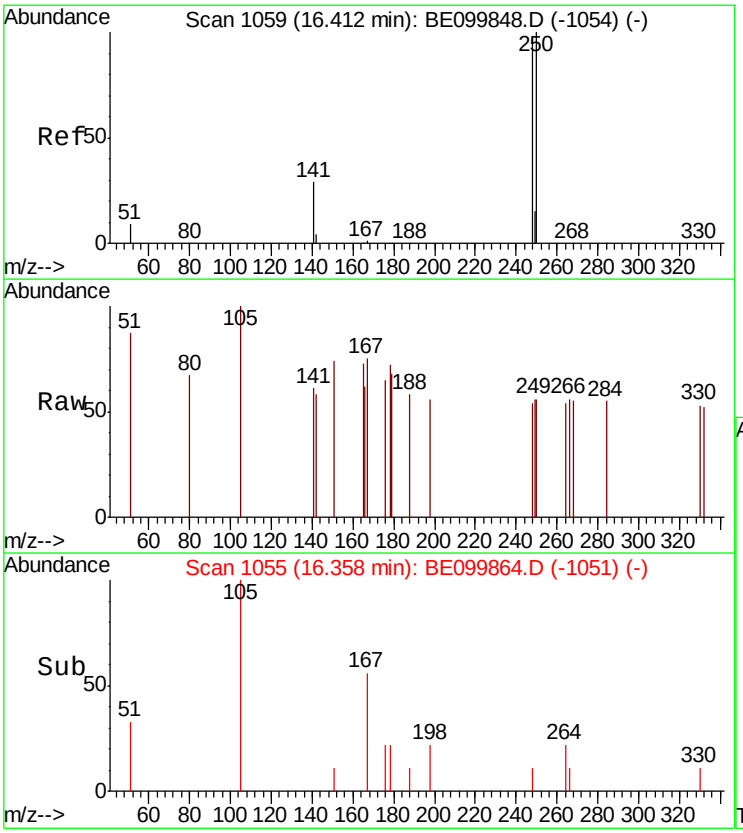
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:188 Resp: 5521

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	5.2	7.8#

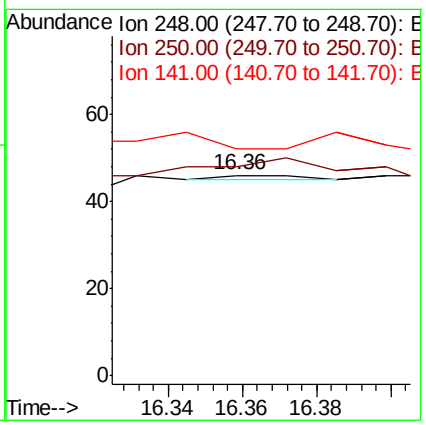


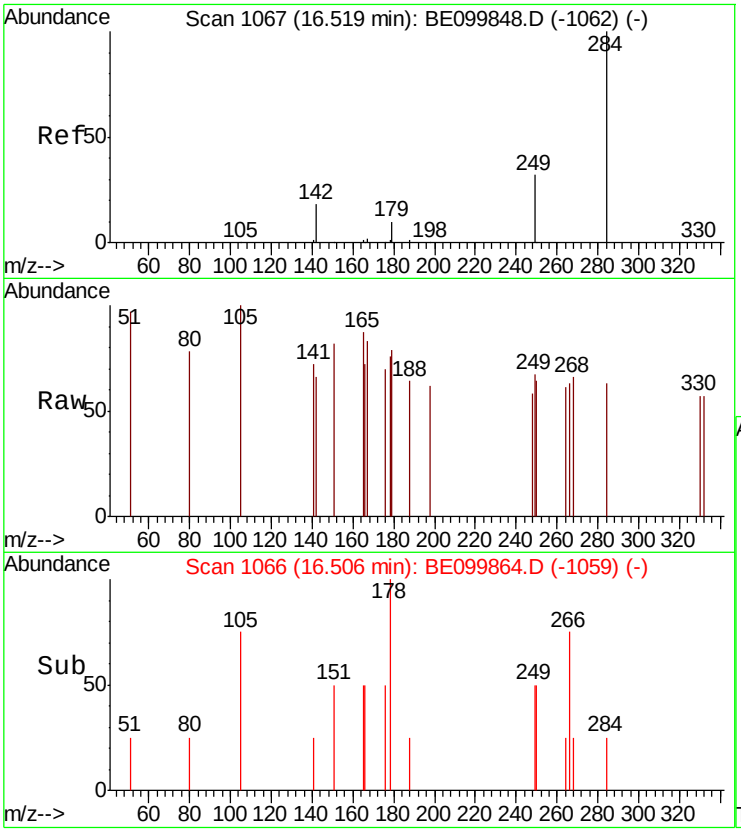


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	104.3	73.7	110.5
141	113.0	40.9	61.3#



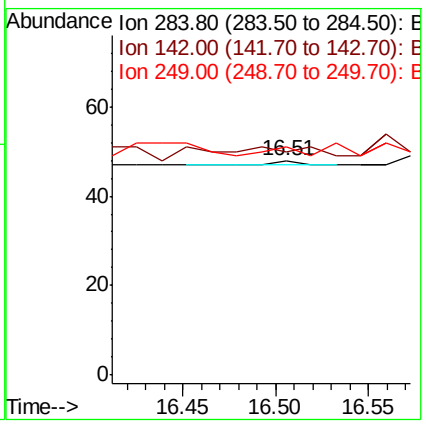


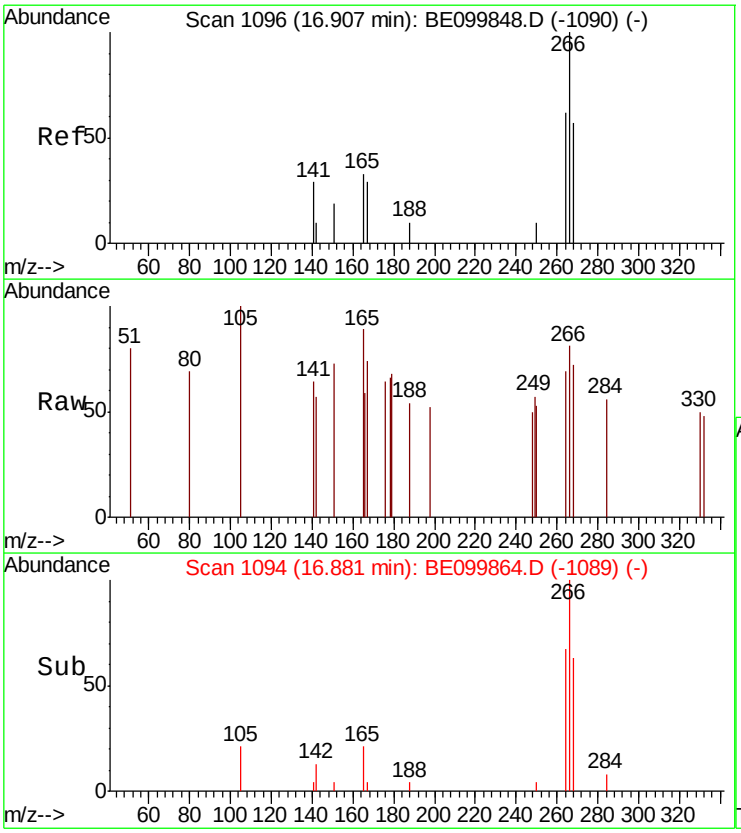
#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:284 Resp: 1

Ion	Ratio	Lower	Upper
284	100		
142	600.0	16.2	24.4#
249	200.0	23.1	34.7#

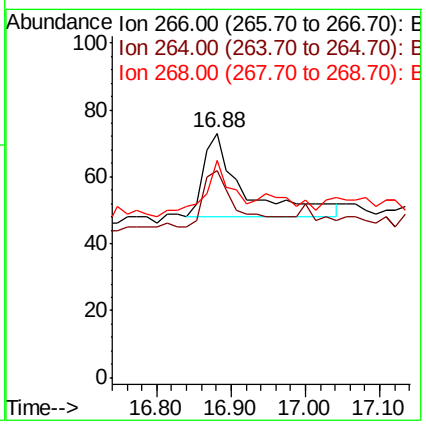


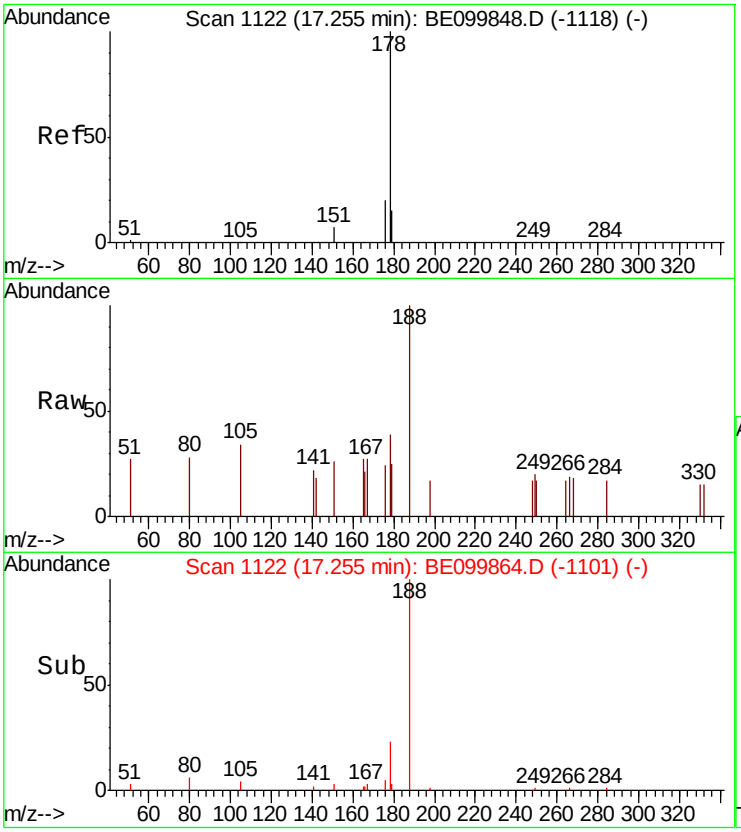


#22
Pentachlorophenol
Concen: 0.315 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:266 Resp: 95

Ion	Ratio	Lower	Upper
266	100		
264	84.9	64.9	97.3
268	89.0	64.0	96.0



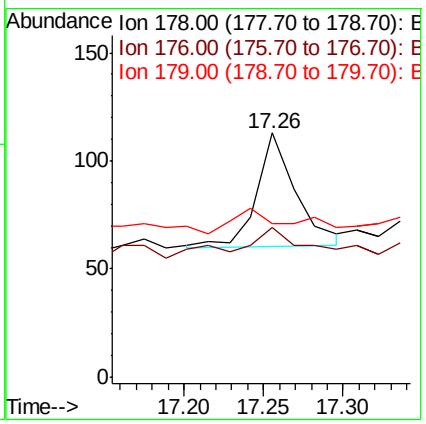


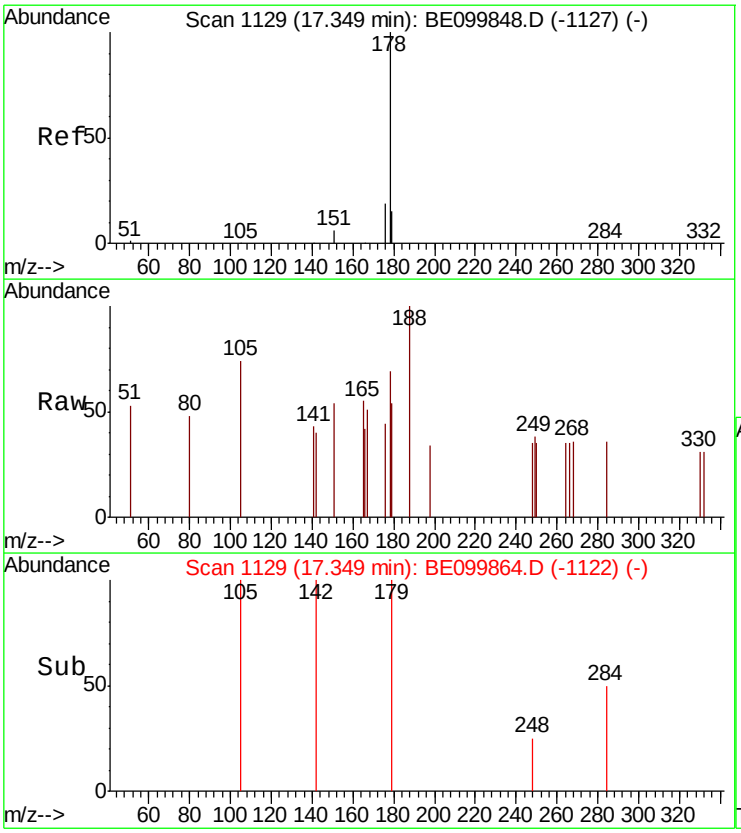
#23
Phenanthrene
Concen: 0.007 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:178 Resp: 90

Ion	Ratio	Lower	Upper
178	100		
176	51.1	15.4	23.0#
179	24.4	12.5	18.7#

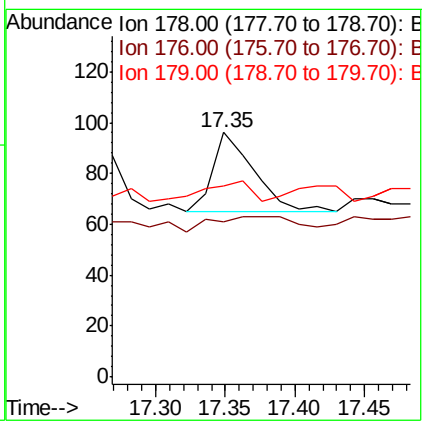


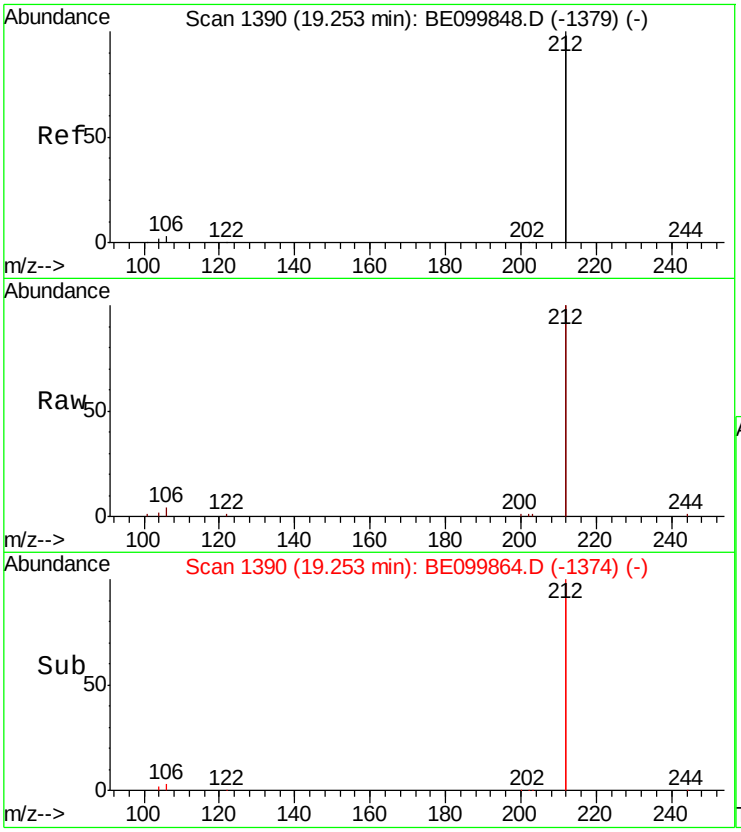


#24
Anthracene
Concen: 0.005 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:178 Resp: 63

Ion	Ratio	Lower	Upper
178	100		
176	41.3	15.1	22.7#
179	28.6	12.1	18.1#



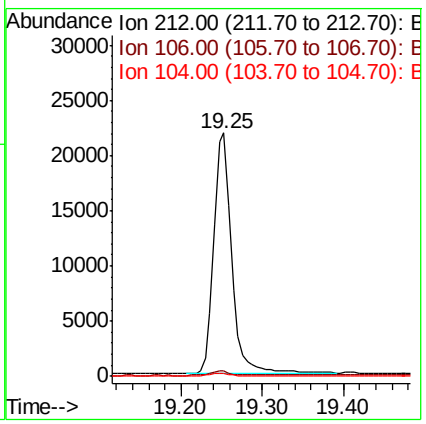


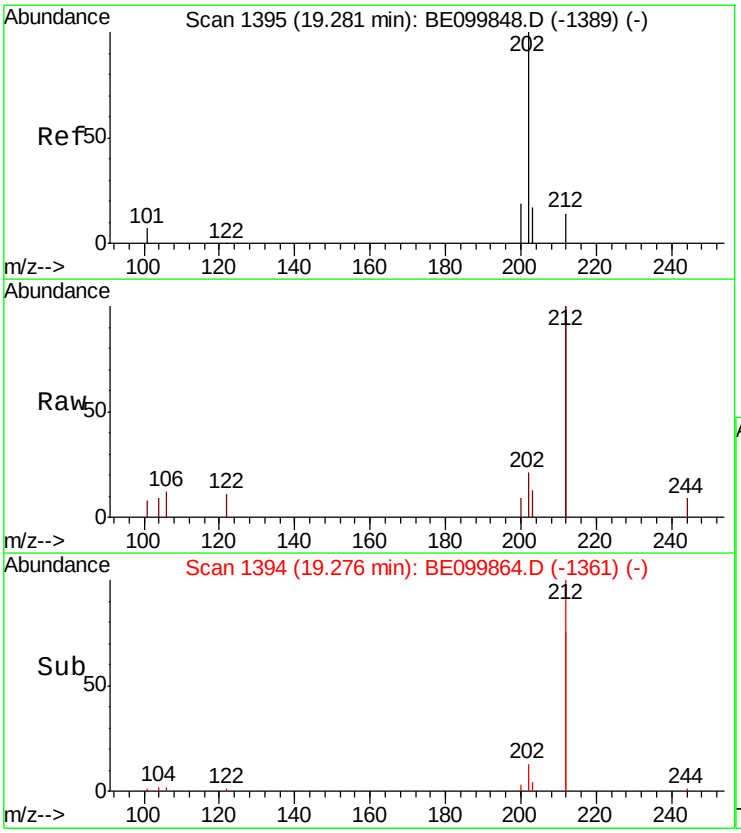
#25
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:212 Resp: 33584

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.4	2.0
104	1.1	0.8	1.2

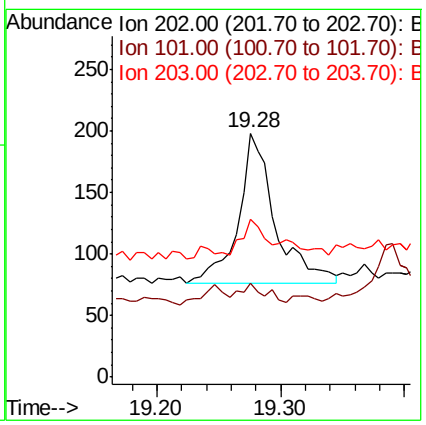


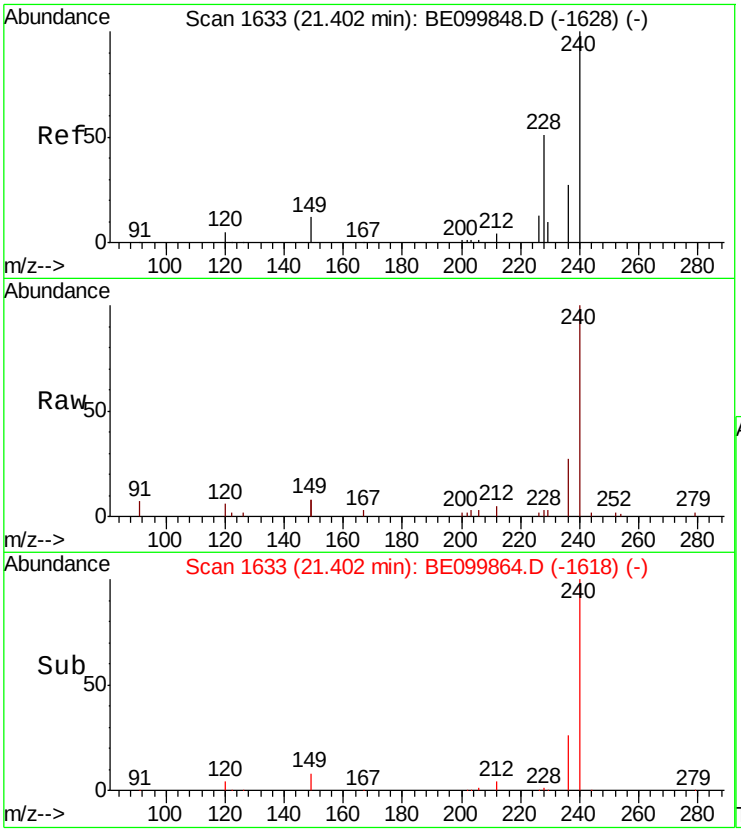


#26
Fluoranthene
Concen: 0.011 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:202 Resp: 255

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.2	7.8#
203	13.7	13.6	20.4



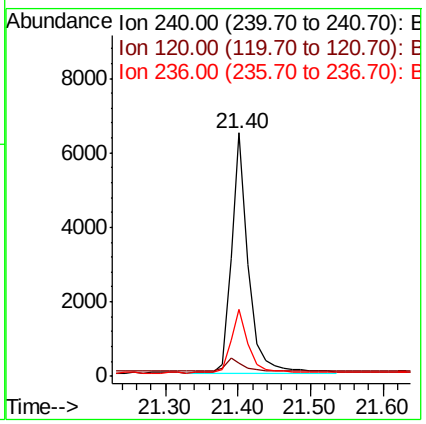


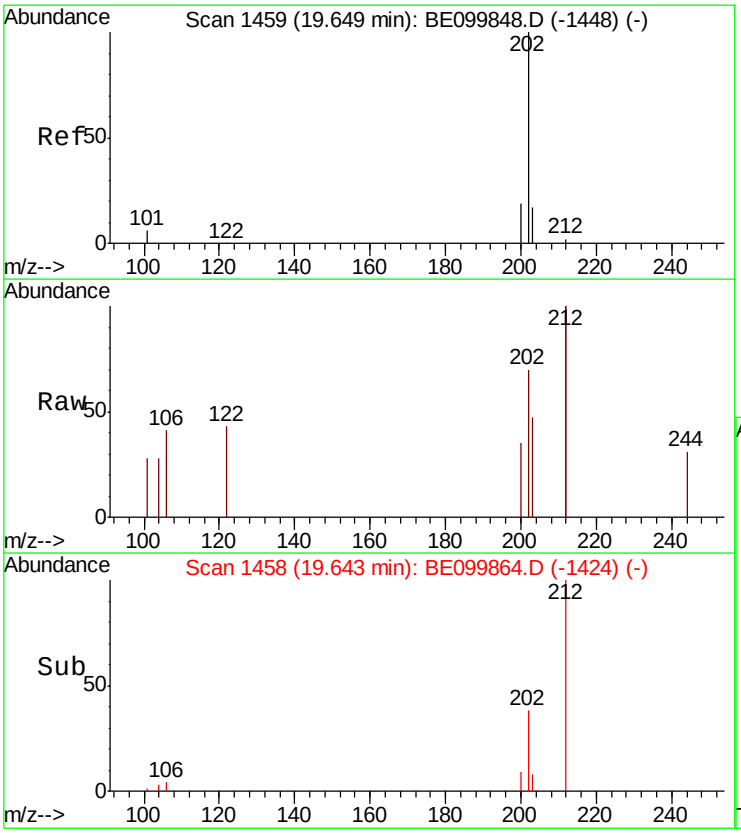
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:240 Resp: 10462

Ion	Ratio	Lower	Upper
240	100		
120	5.6	2.8	4.2#
236	27.5	20.9	31.3

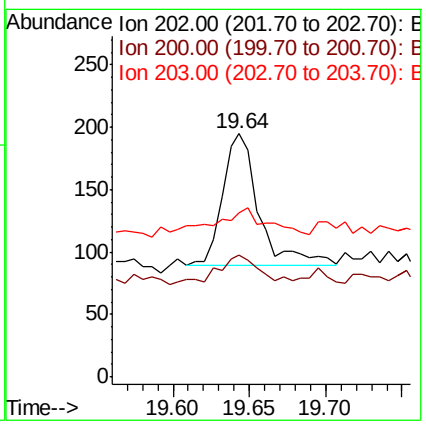


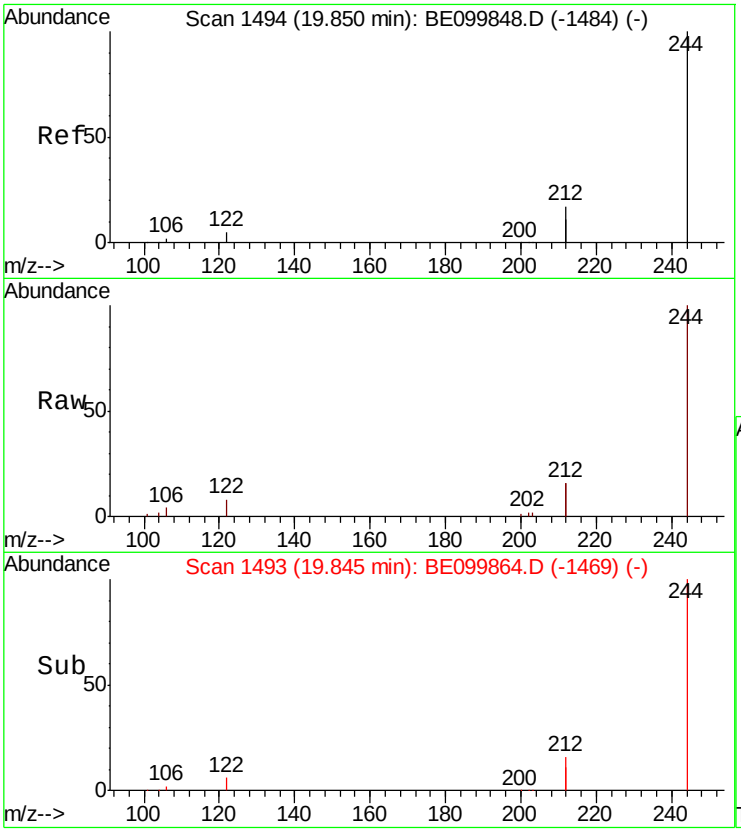


#28
Pyrene
Concen: 0.006 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:202 Resp: 178

Ion	Ratio	Lower	Upper
202	100		
200	25.8	15.6	23.4#
203	36.0	14.1	21.1#



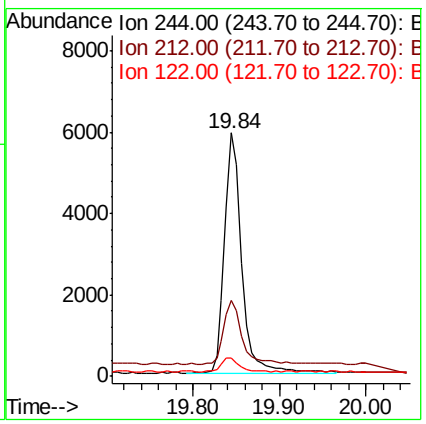


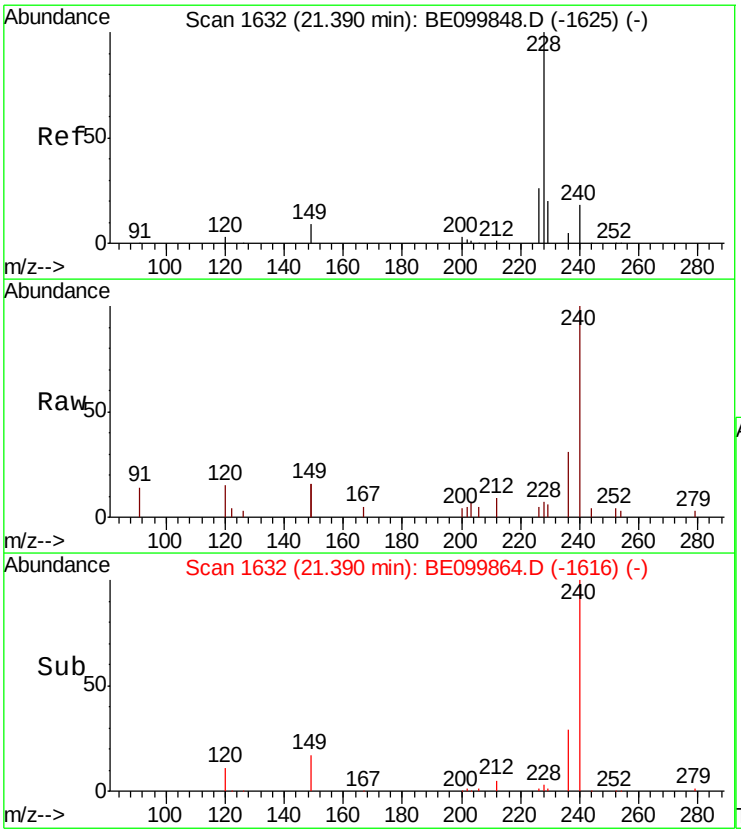
#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:244 Resp: 8026

Ion	Ratio	Lower	Upper
244	100		
212	31.4	23.7	35.5
122	7.6	4.8	7.2#

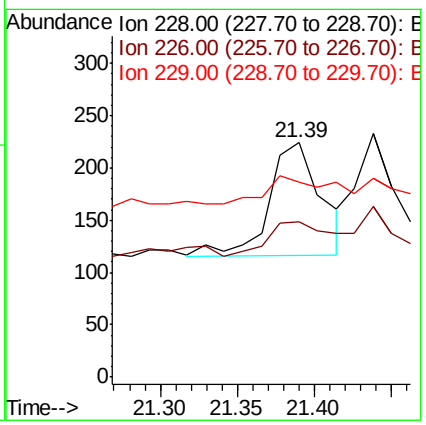


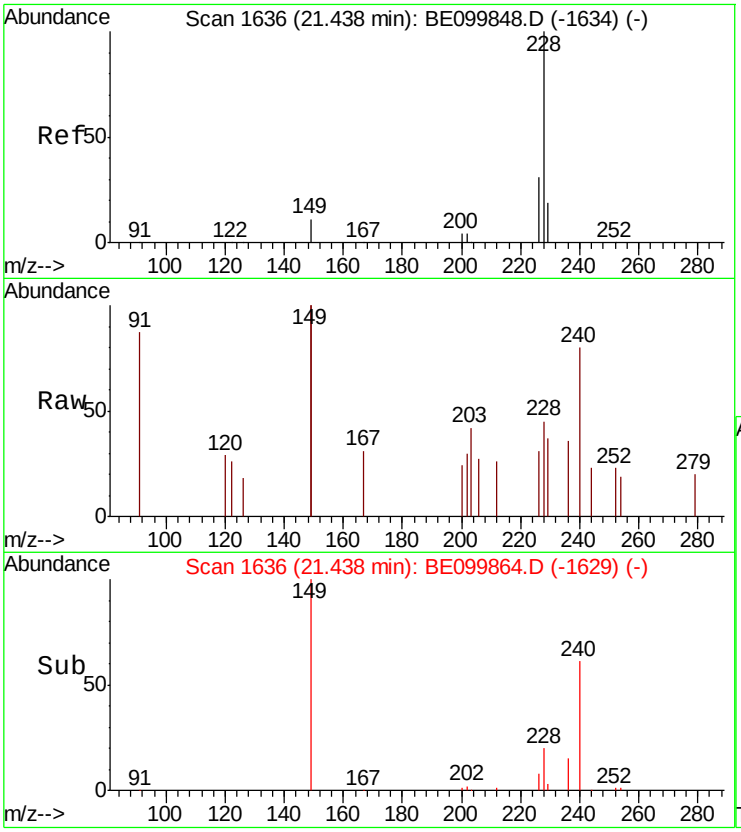


#30
Benzo(a)anthracene
Concen: 0.008 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:228 Resp: 254

Ion	Ratio	Lower	Upper
228	100		
226	66.1	21.6	32.4#
229	83.5	15.8	23.6#



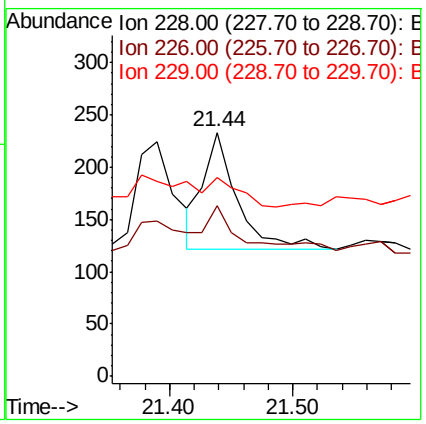


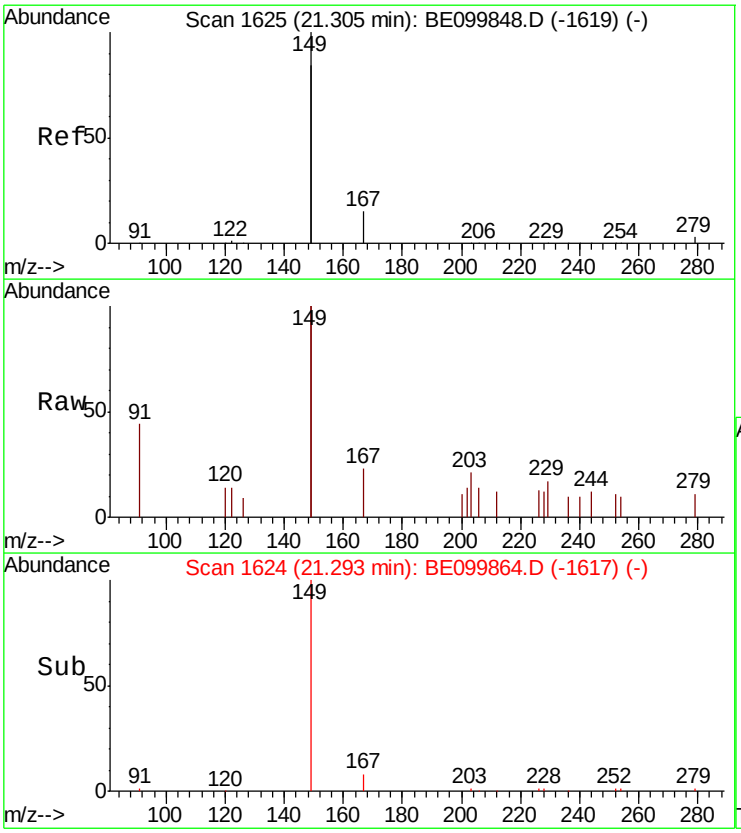
#31
Chrysene
Concen: 0.006 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:228 Resp: 212

Ion	Ratio	Lower	Upper
228	100		
226	70.0	22.9	34.3#
229	81.5	16.4	24.6#

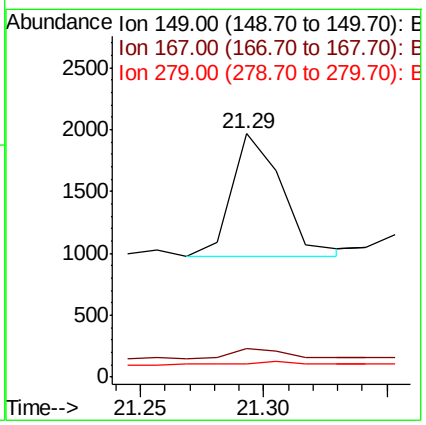


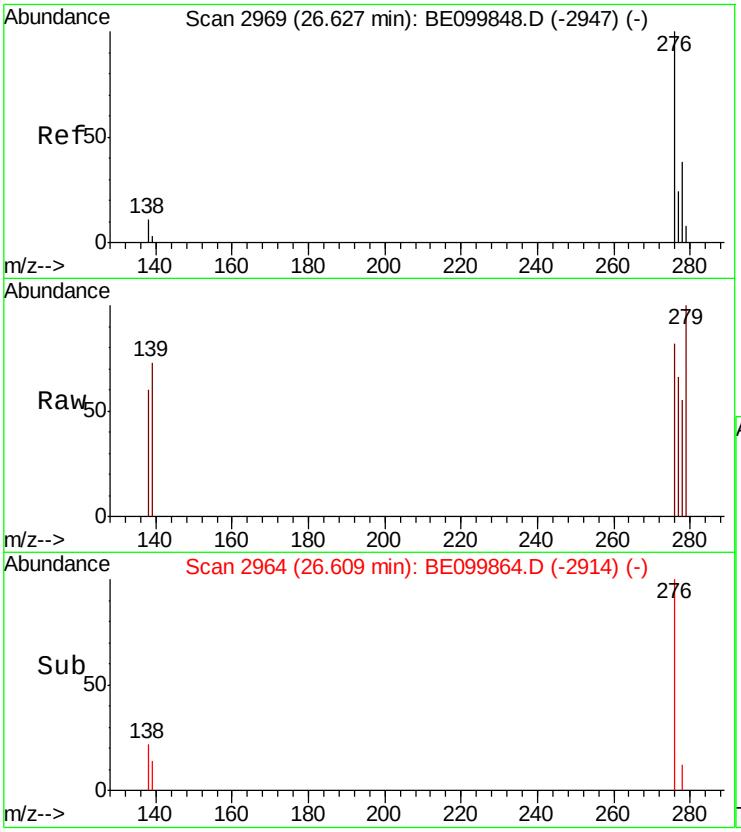


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.026 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:149 Resp: 1428

Ion	Ratio	Lower	Upper
149	100		
167	11.1	6.0	9.0#
279	5.2	1.2	1.8#



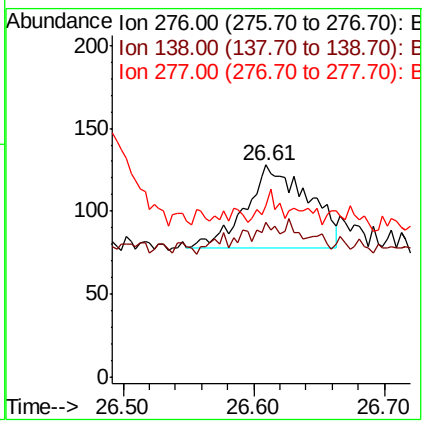


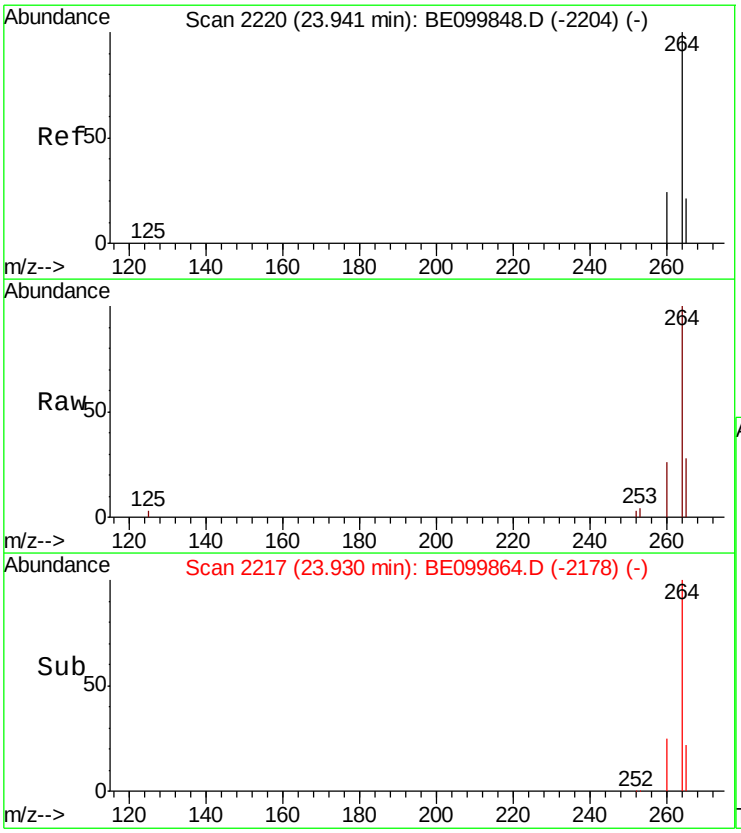
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 26.61 min Scan# 2964
Delta R.T. -0.02 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:276 Resp: 165

Ion	Ratio	Lower	Upper
276	100		
138	5.5	10.3	15.5#
277	9.1	19.4	29.2#

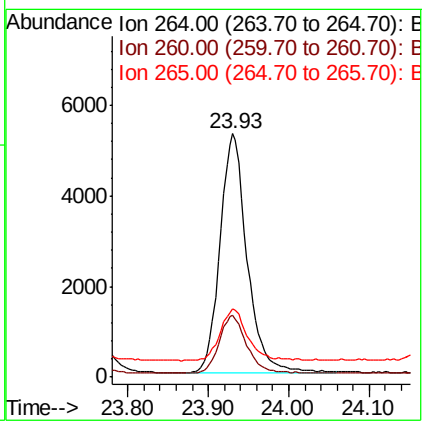


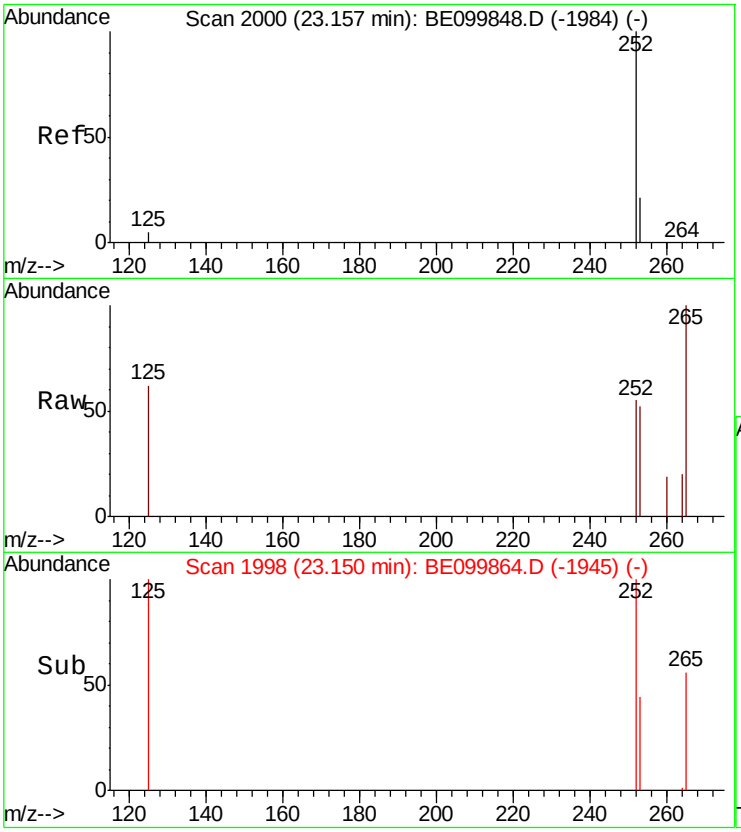


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:264 Resp: 12300

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.0	30.0
265	28.2	20.7	31.1



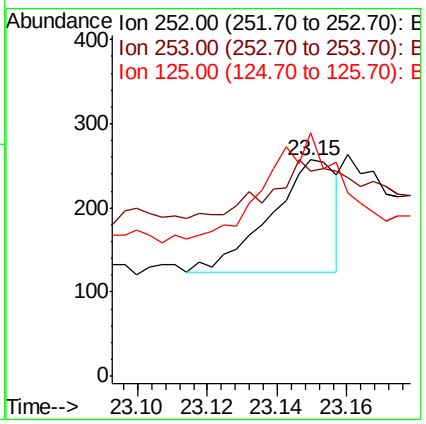


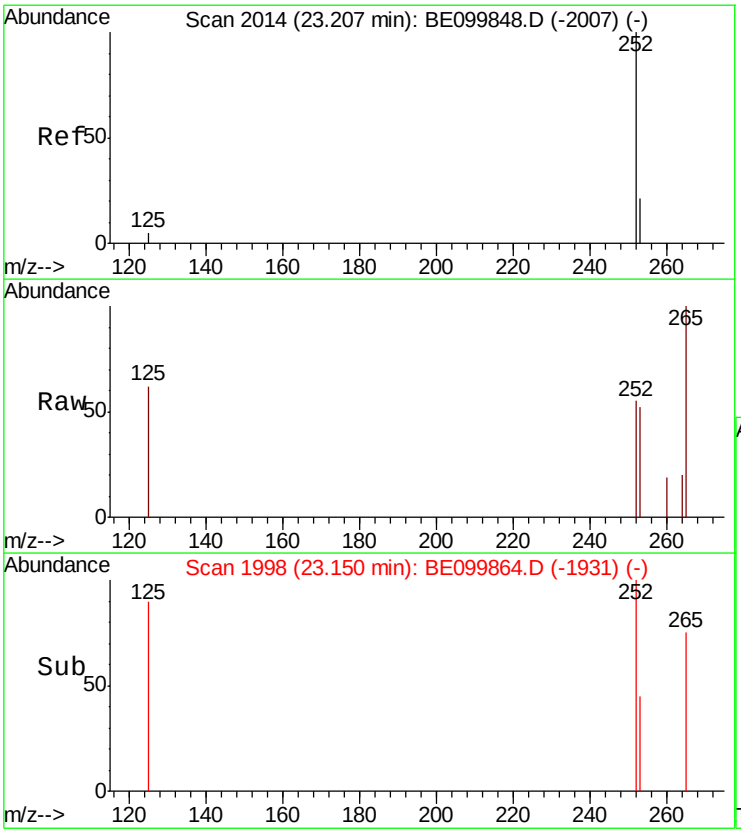
#35
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:252 Resp: 177

Ion	Ratio	Lower	Upper
252	100		
253	94.9	18.9	28.3#
125	112.5	7.6	11.4#

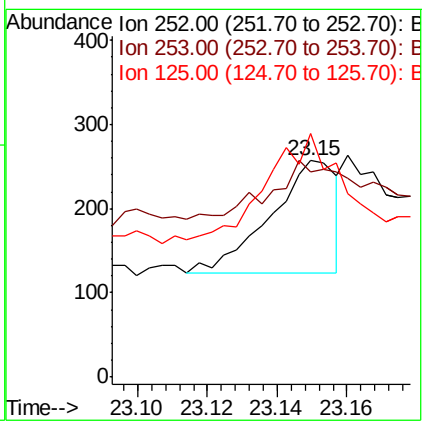


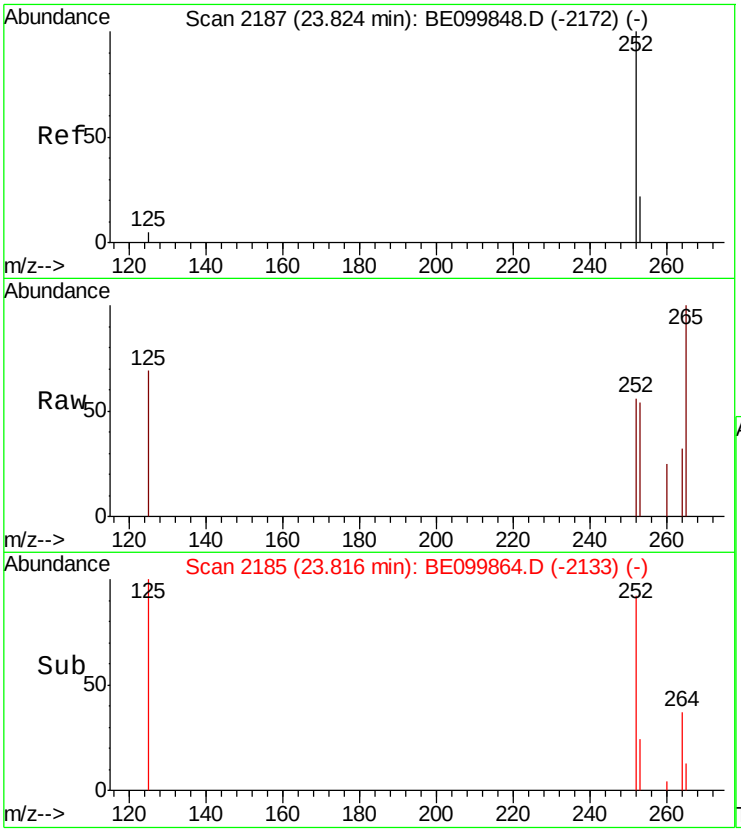


#36
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:252 Resp: 177

Ion	Ratio	Lower	Upper
252	100		
253	94.9	18.4	27.6#
125	112.5	4.6	7.0#



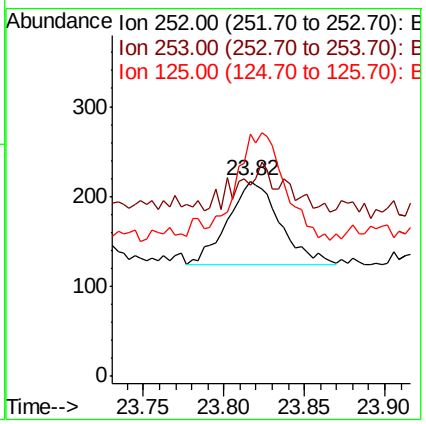


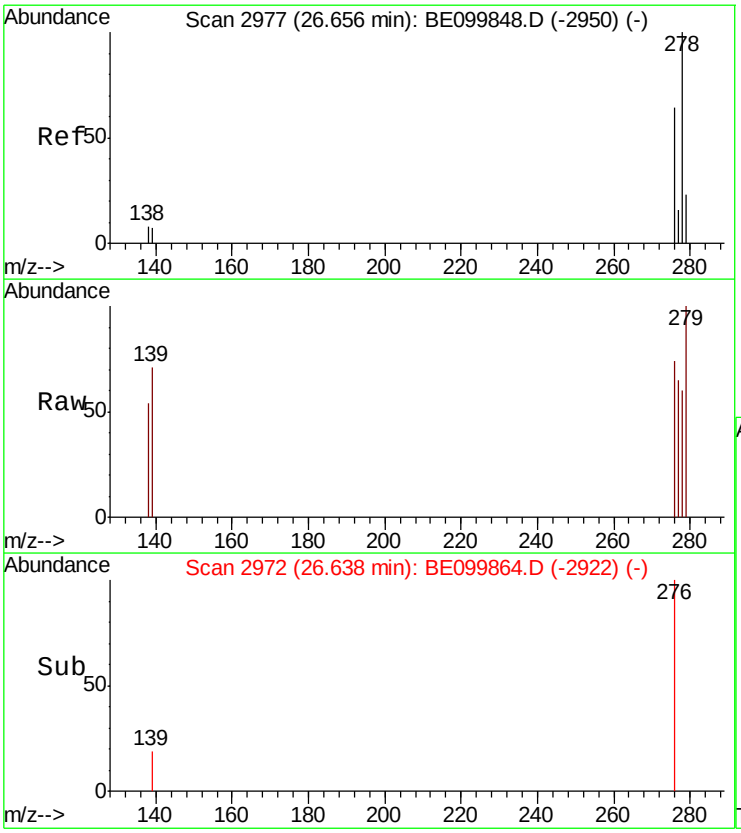
#37
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.82 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:252 Resp: 211

Ion	Ratio	Lower	Upper
252	100		
253	97.7	19.3	28.9#
125	124.0	10.2	15.4#

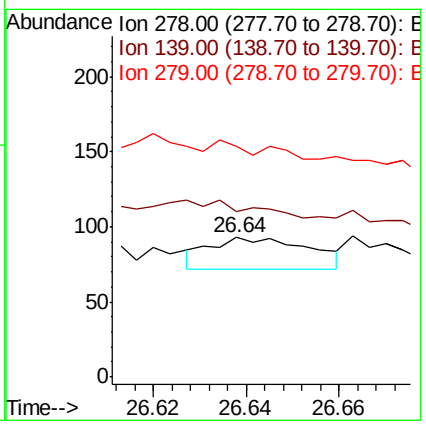


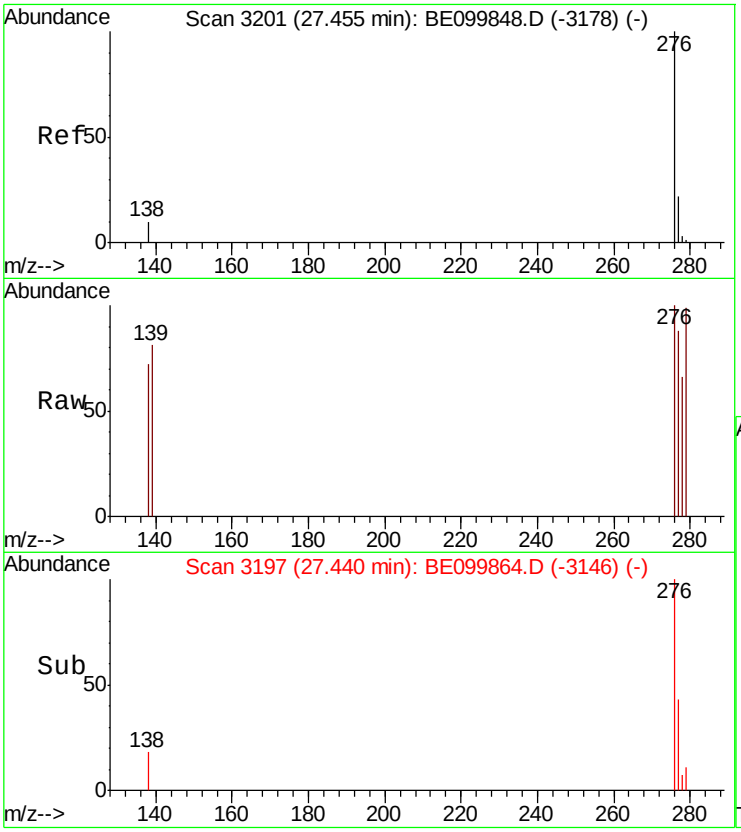


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.64 min Scan# 2972
Delta R.T. -0.02 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Tgt Ion:278 Resp: 31

Ion	Ratio	Lower	Upper
278	100		
139	118.3	7.9	11.9#
279	165.6	18.5	27.7#





#39
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 27.44 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BE099864.D
Acq: 7 Jun 2019 22:07

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309S-20190605

Tgt Ion:276 Resp: 83

Ion	Ratio	Lower	Upper
276	100		
277	87.6	19.6	29.4#
138	71.9	9.0	13.4#