Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099860.D
Acq On : 7 Jun 2019 19:40
Operator : JU/SJ
Sample : K3221-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPS1-TT-MW301S-20190605

Quant Time: Jun 08 04:32:45 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	735	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2463	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1877	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6128	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10185	0.40	ng	-0.01
34) Perylene-d12	23.94	264	12467	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	337	0.14	ng	0.00
5) Phenol-d6	6.96	99	271	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	836	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1458	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	590	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2863	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	34362	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	8374	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	15	Below Cal	#	1
3) n-Nitrosodimethylamine	3.60	42	15	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	11	0.005	ng	# 16
9) Naphthalene	10.65	128	115	0.004	ng	# 47
10) Hexachlorobutadiene	10.93	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.28	142	17	0.004	ng	# 53
16) Acenaphthylene	14.20	152	11	0.001	ng	# 53
17) Acenaphthene	14.54	154	4	0.001	ng	# 2
18) Fluorene	15.51	166	8	0.001	ng	# 86
20) 4-Bromophenyl-phenylether	16.38	248	2	0.001	ng	# 65
21) Hexachlorobenzene	16.52	284	6	0.002	ng	# 1
22) Pentachlorophenol	16.88	266	37	0.258	ng	89
23) Phenanthrene	17.26	178	75	0.005	ng	# 76
24) Anthracene	17.36	178	35	0.002	ng	# 61
26) Fluoranthene	19.28	202	152	0.006	ng	# 80
28) Pyrene	19.64	202	151	0.006	ng	# 85
30) Benzo(a)anthracene	21.39	228	142	0.004	ng	# 1
31) Chrysene	21.44	228	134	0.004	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	2529	0.048	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.62	276	45	0.001	ng	# 96
35) Benzo(b)fluoranthene	23.16	252	172	0.005	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	172	0.005	ng	# 1
37) Benzo(a)pyrene	23.82	252	57	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	3	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	25	0.001	ng	# 1

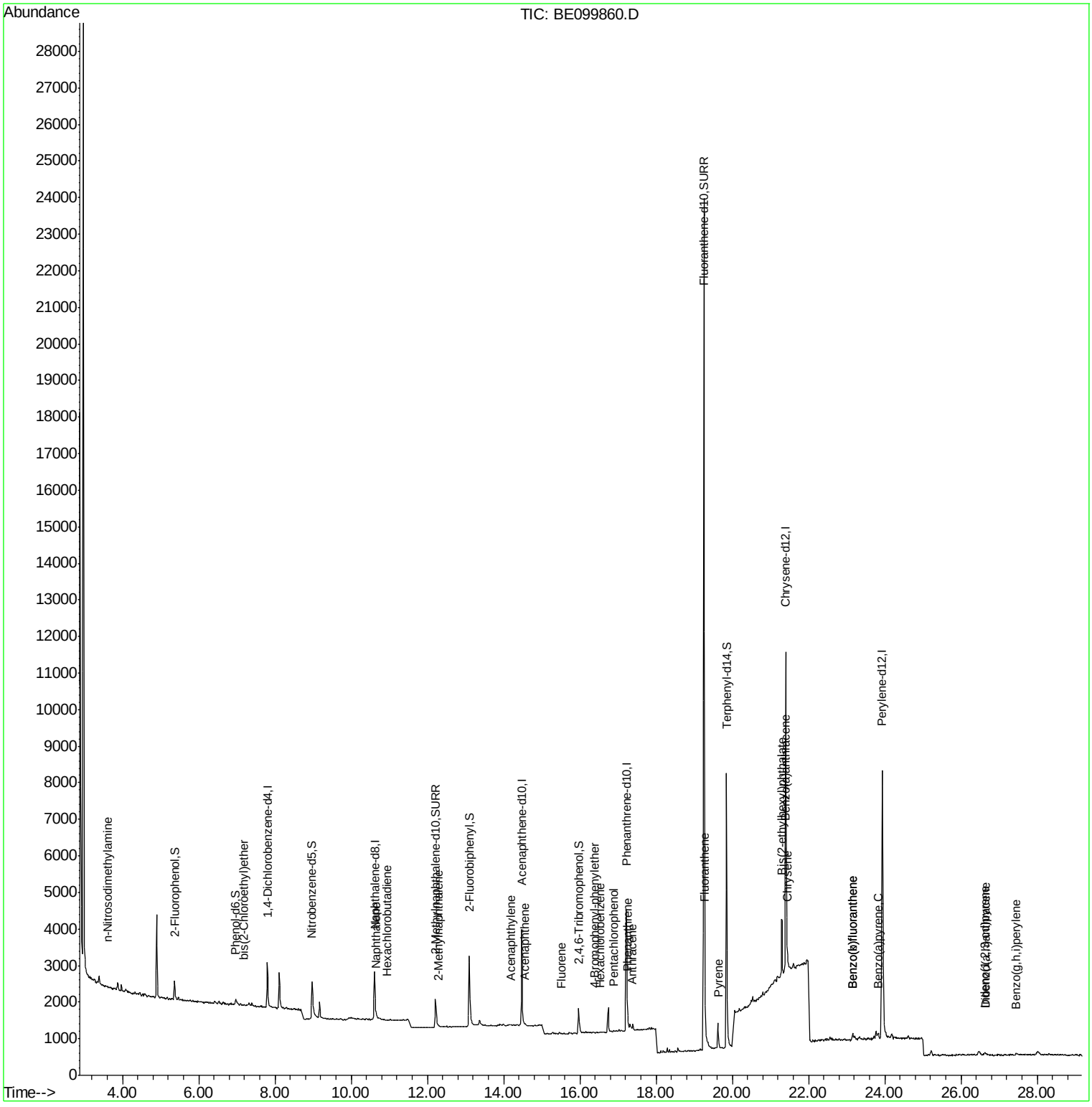
(#) = qualifier out of range (m) = manual integration (+) = signals summed

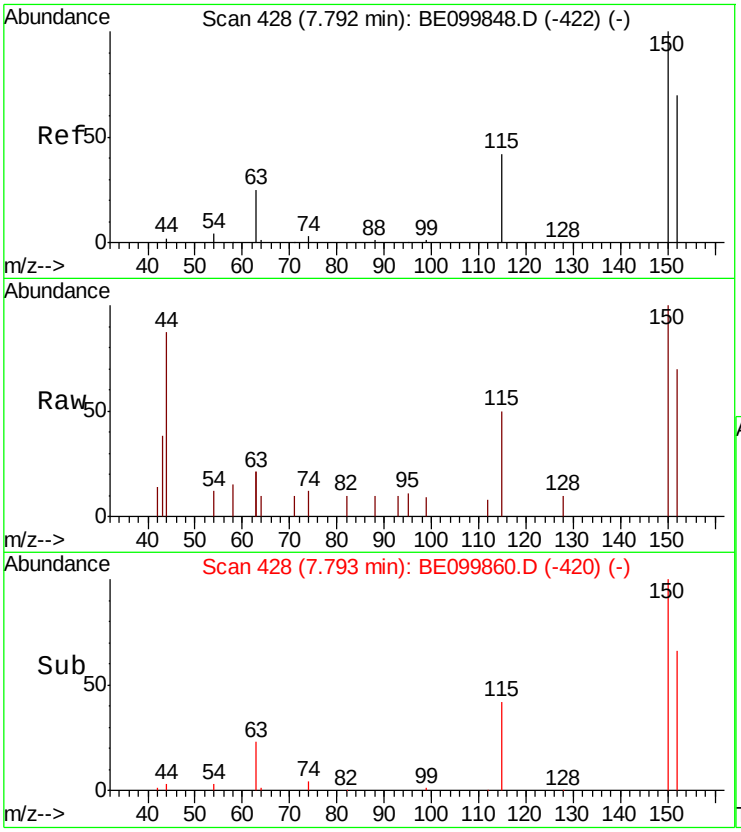
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099860.D
Acq On : 7 Jun 2019 19:40
Operator : JU/SJ
Sample : K3221-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Quant Time: Jun 08 04:32:45 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



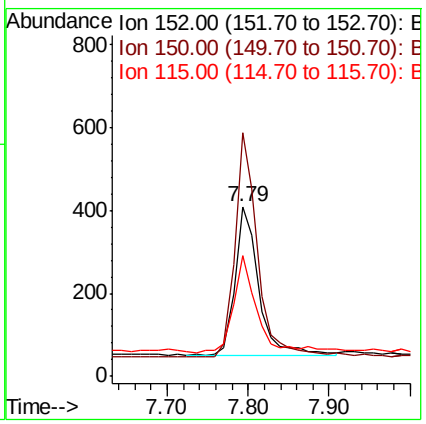


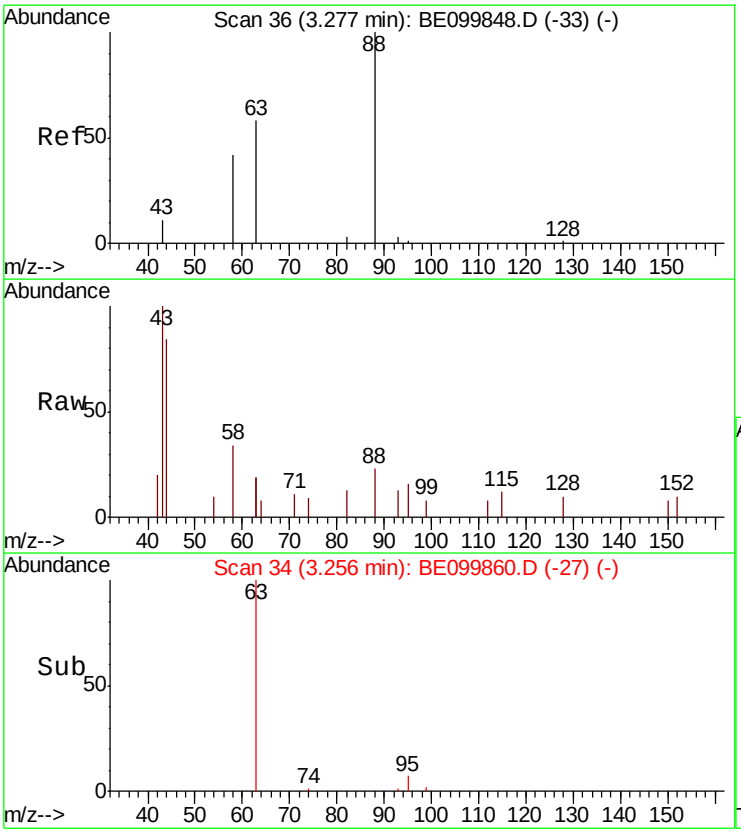
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:152 Resp: 735

Ion	Ratio	Lower	Upper
152	100		
150	143.4	112.8	169.2
115	71.2	47.6	71.4

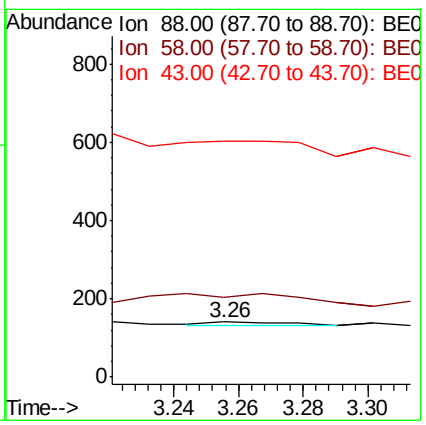


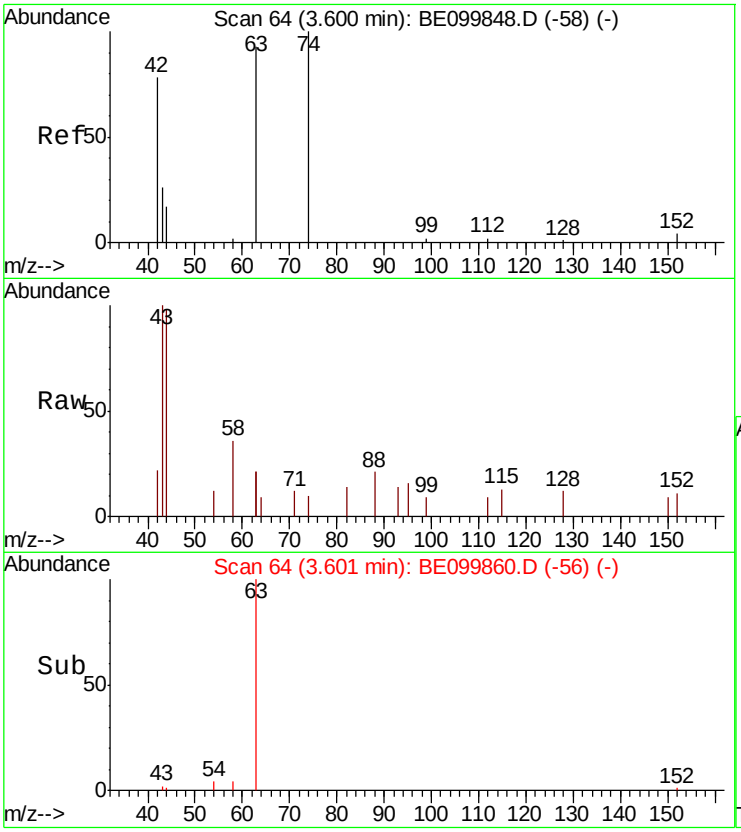


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 34
Delta R.T. -0.02 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion: 88 Resp: 15

Ion	Ratio	Lower	Upper
88	100		
58	640.0	47.3	70.9#
43	0.0	18.2	27.4#



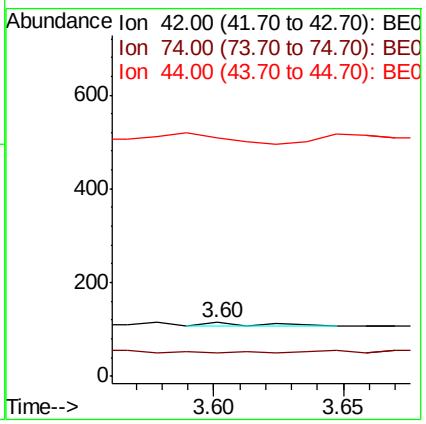


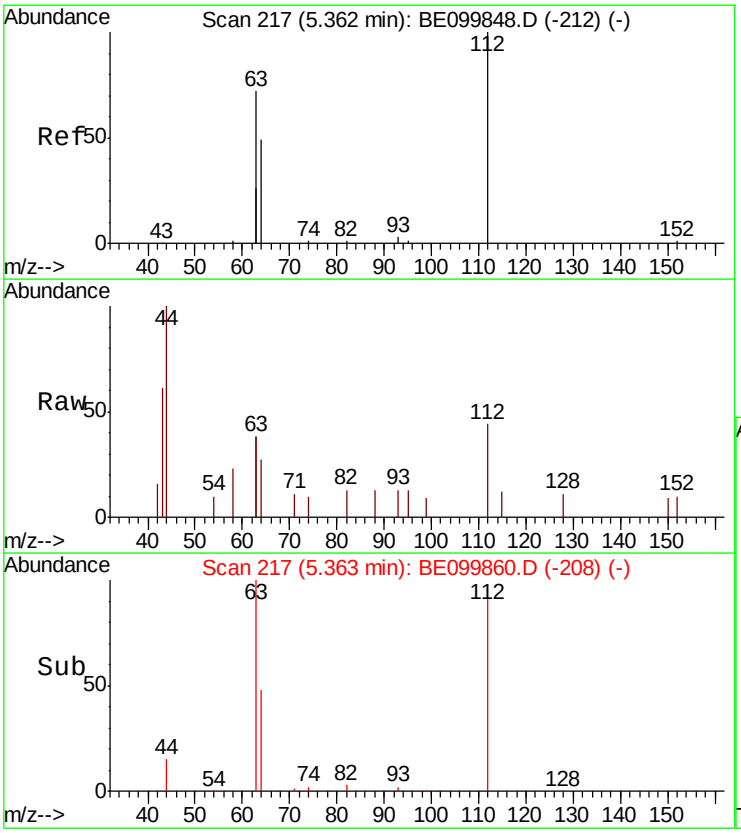
#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion: 42 Resp: 15

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

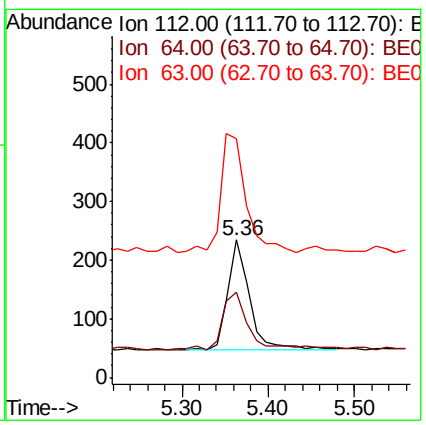


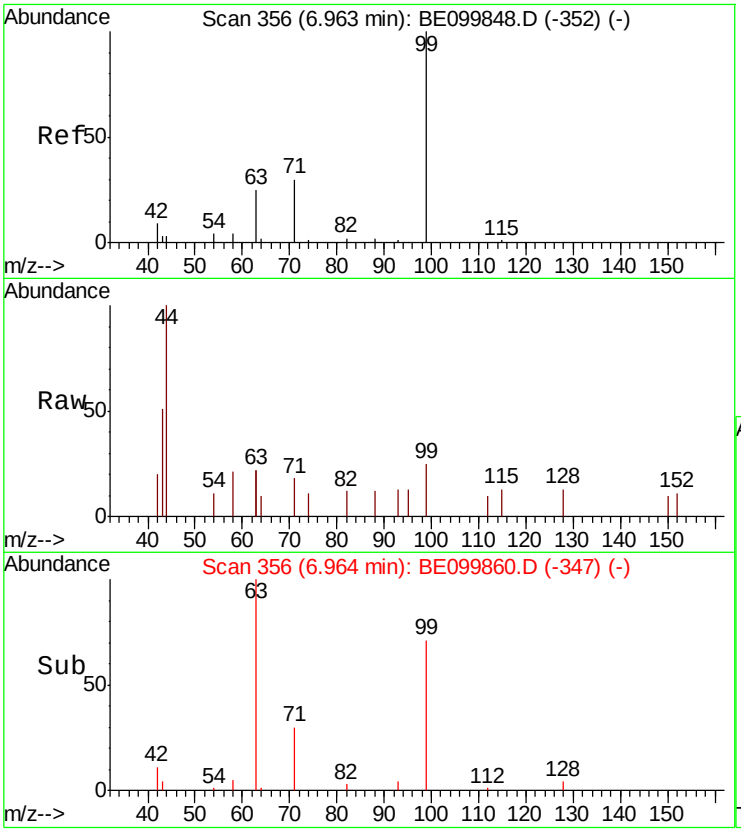


#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:112 Resp: 337

Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.2	70.8
63	124.6	90.7	136.1



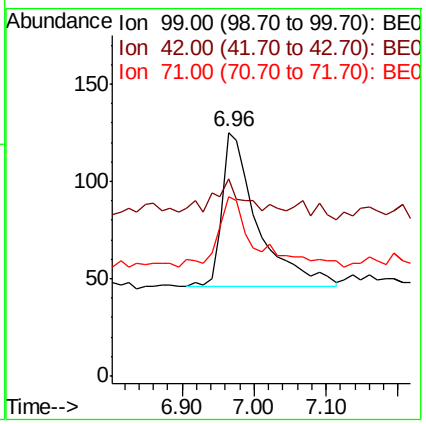


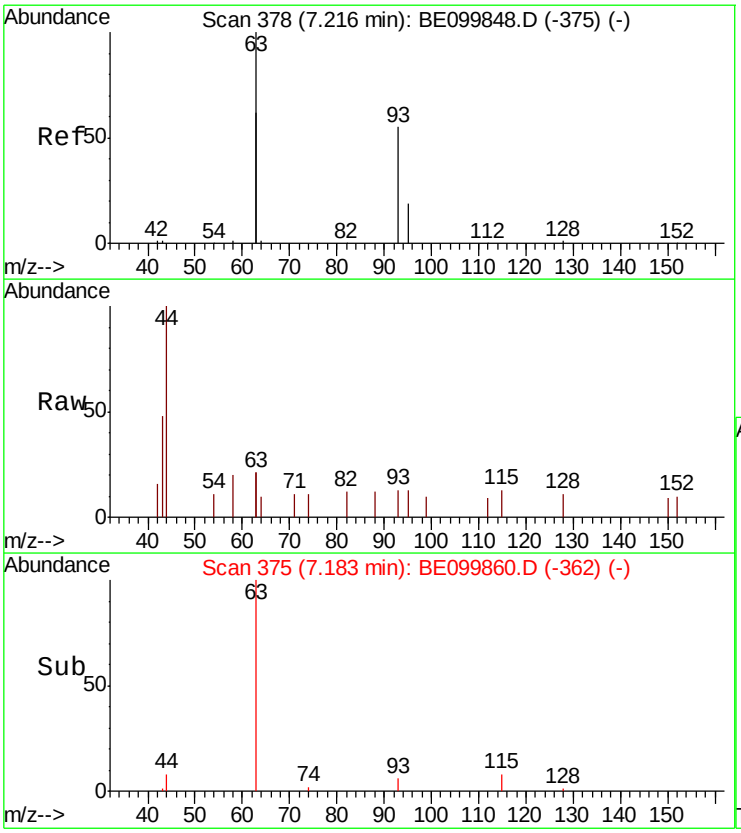
#5
Phenol-d6
Concen: 0.089 ng
RT: 6.96 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion: 99 Resp: 271

Ion	Ratio	Lower	Upper
99	100		
42	19.6	11.0	16.4#
71	48.0	26.1	39.1#

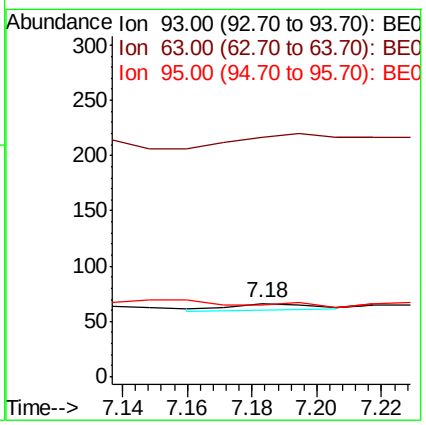


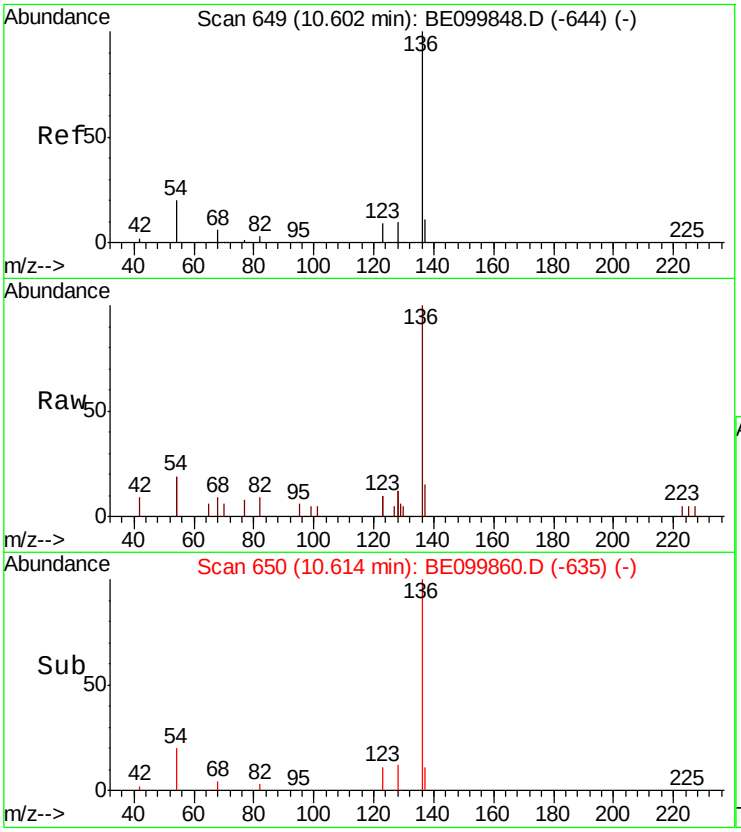


#6
bis(2-Chloroethyl)ether
Concen: 0.005 ng
RT: 7.18 min Scan# 375
Delta R.T. -0.05 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion: 93 Resp: 11

Ion	Ratio	Lower	Upper
93	100		
63	418.2	208.8	313.2#
95	0.0	27.6	41.4#



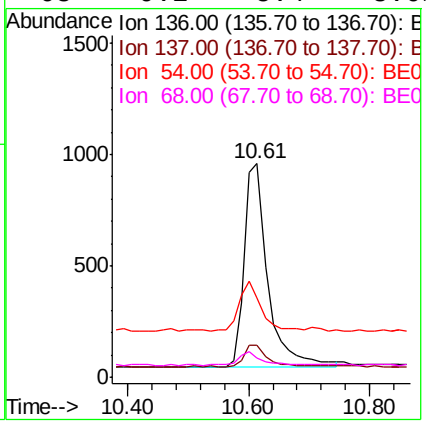


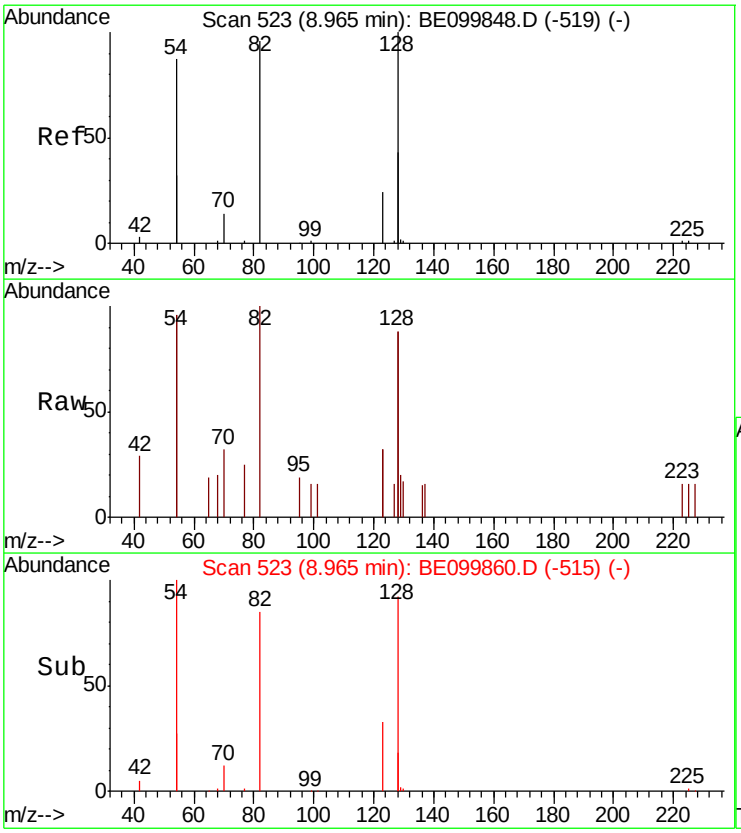
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:136 Resp: 2463

Ion	Ratio	Lower	Upper
136	100		
137	15.0	11.1	16.7
54	37.3	17.9	26.9#
68	9.2	5.4	8.0#

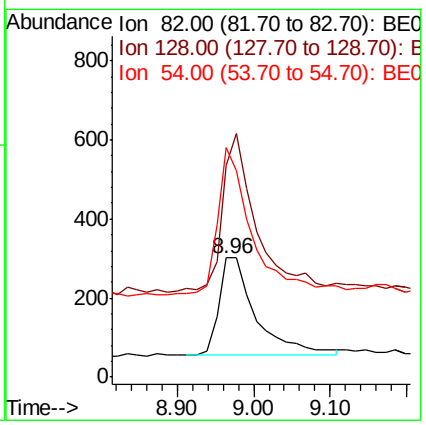


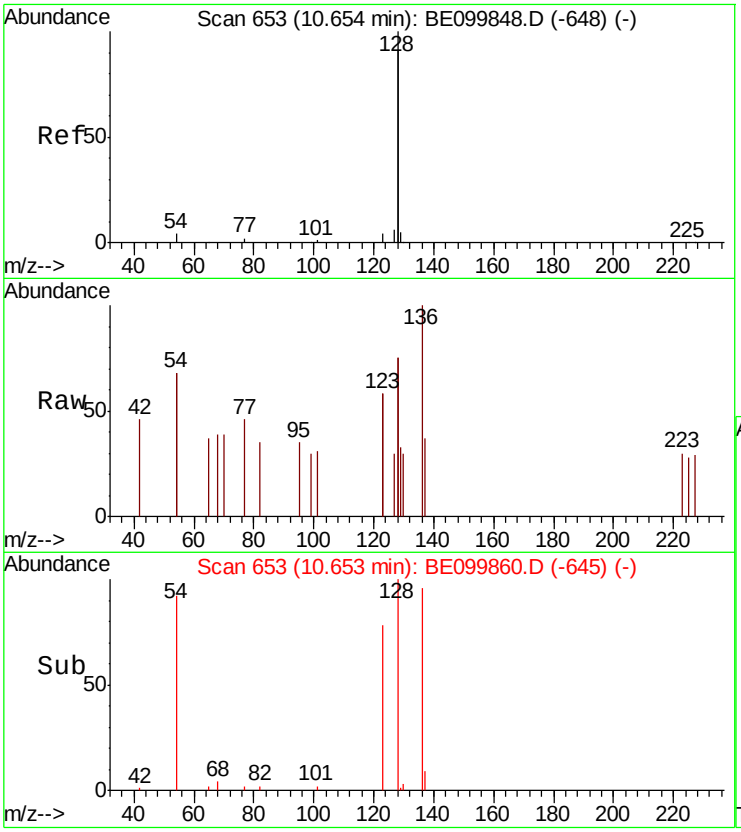


#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion: 82 Resp: 836

Ion	Ratio	Lower	Upper
82	100		
128	176.8	116.6	175.0#
54	192.7	136.2	204.4



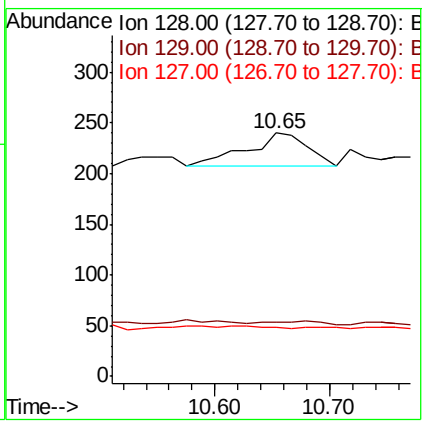


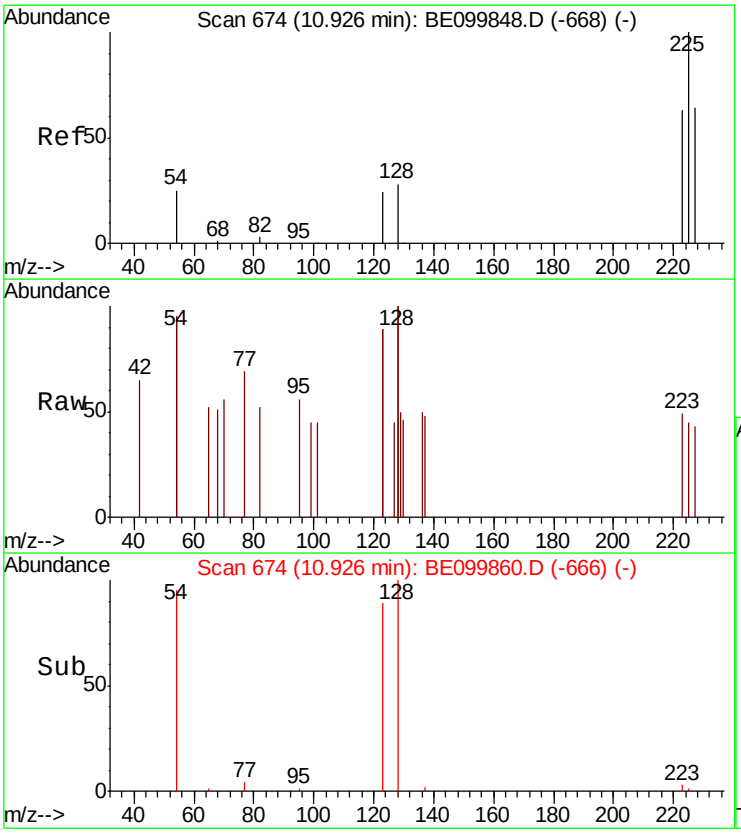
#9
Naphthalene
Concen: 0.004 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:128 Resp: 115

Ion	Ratio	Lower	Upper
128	100		
129	22.1	2.6	4.0#
127	20.4	3.0	4.6#

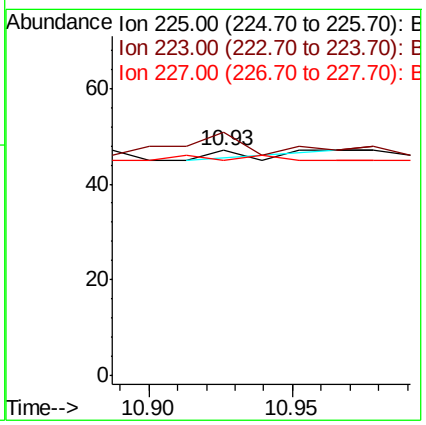


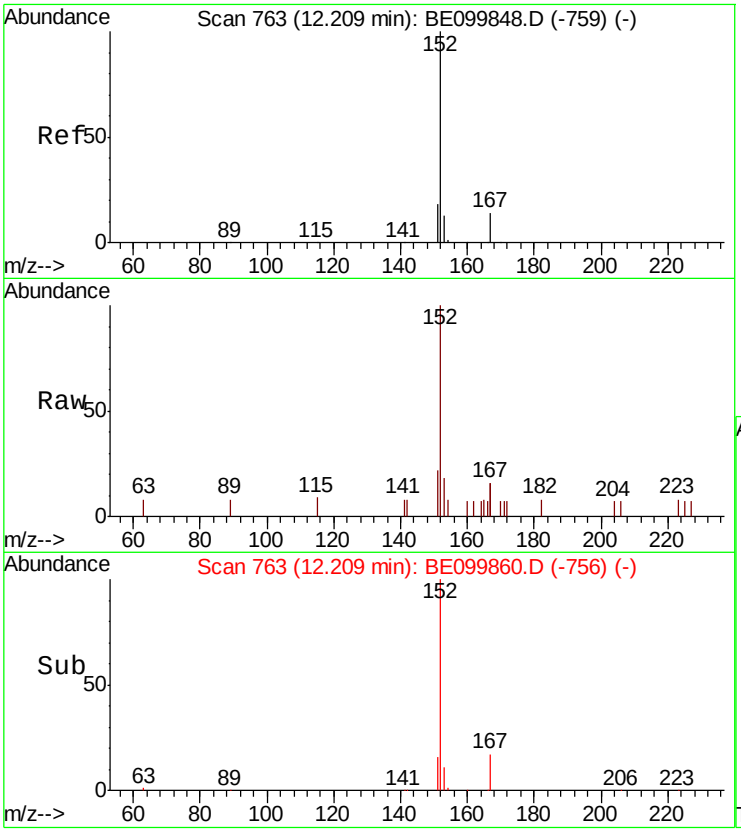


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	500.0	48.6	72.8#
227	350.0	51.6	77.4#



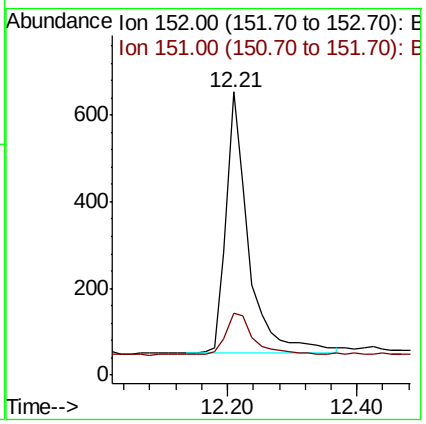


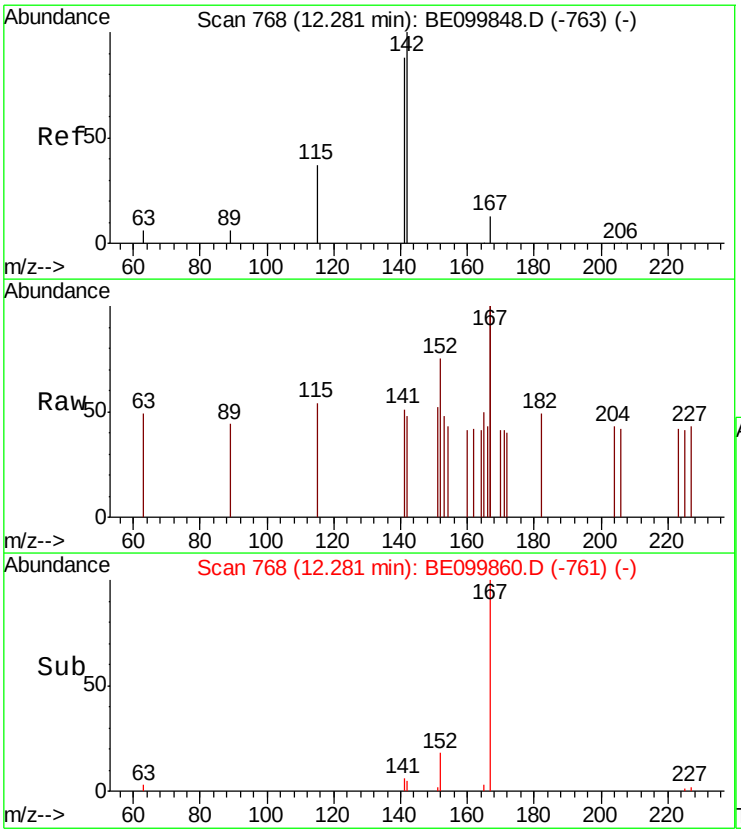
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:152 Resp: 1458

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8

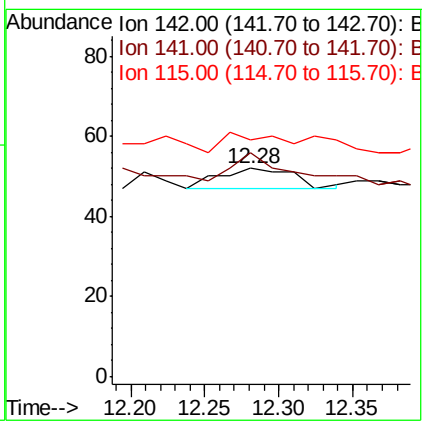


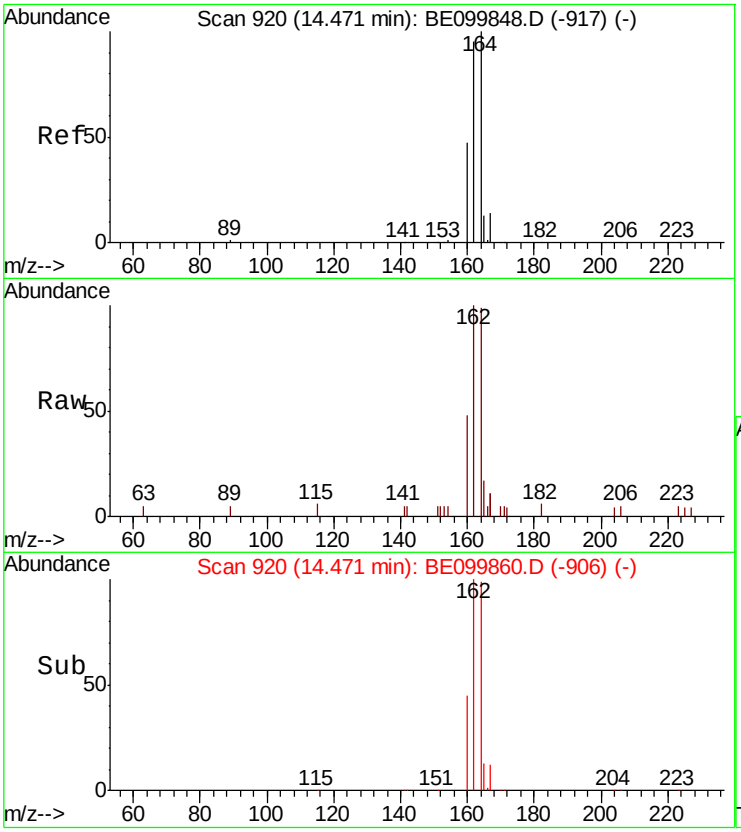


#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:142 Resp: 17

Ion	Ratio	Lower	Upper
142	100		
141	107.7	73.3	109.9
115	113.5	33.4	50.2#



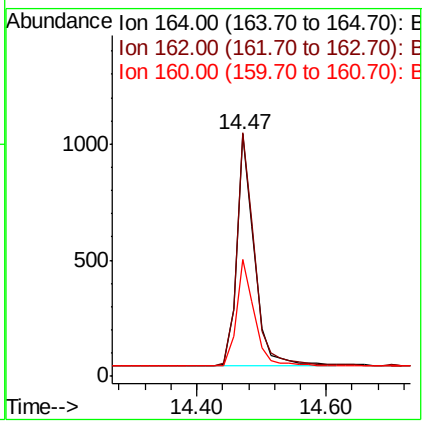


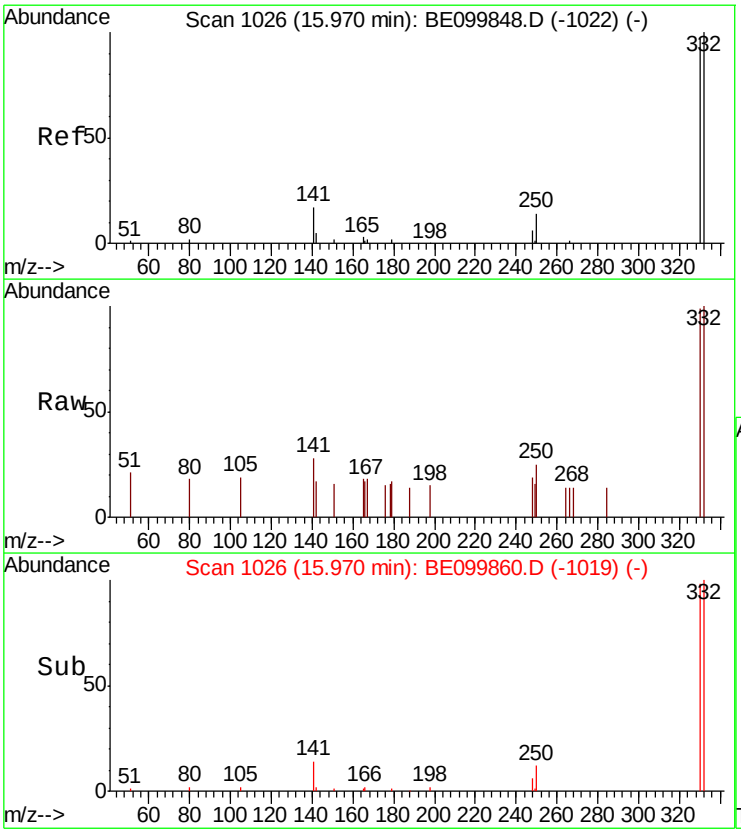
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:164 Resp: 1877

Ion	Ratio	Lower	Upper
164	100		
162	100.7	77.2	115.8
160	48.1	39.4	59.2

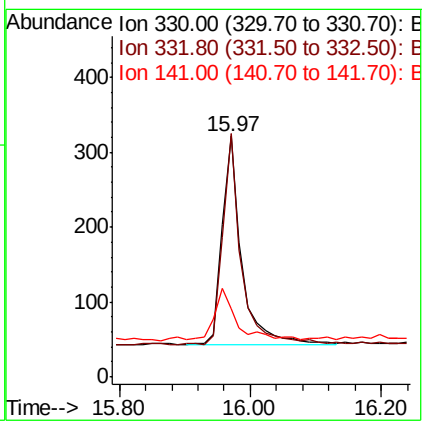


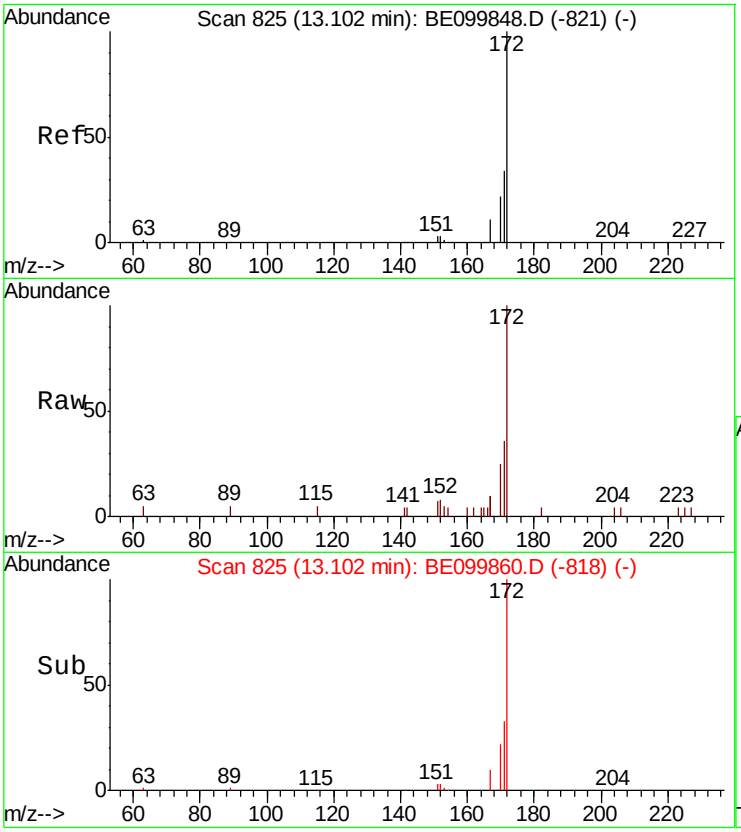


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:330 Resp: 590

Ion	Ratio	Lower	Upper
330	100		
332	93.6	74.9	112.3
141	25.8	16.0	24.0#



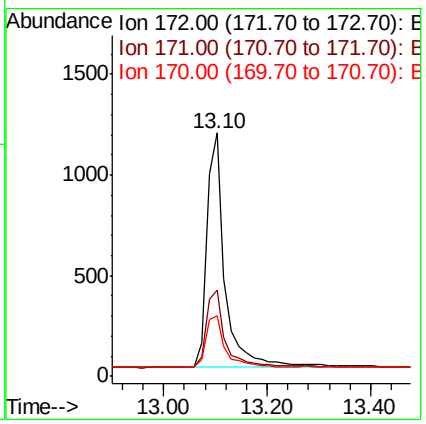


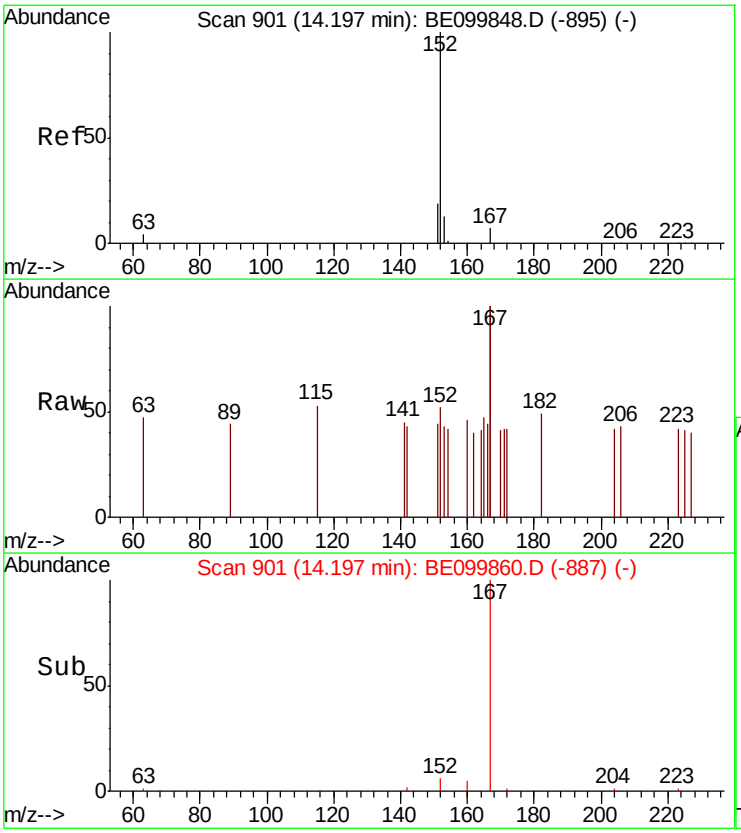
#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:172 Resp: 2863

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.2	45.4
170	25.1	20.1	30.1

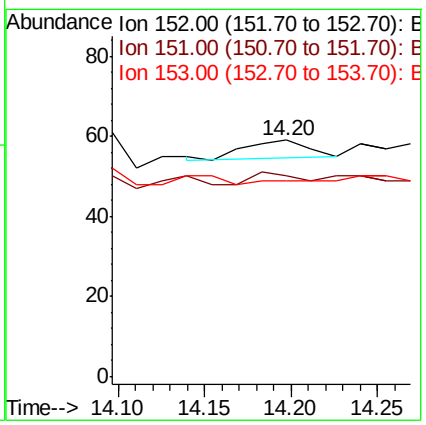


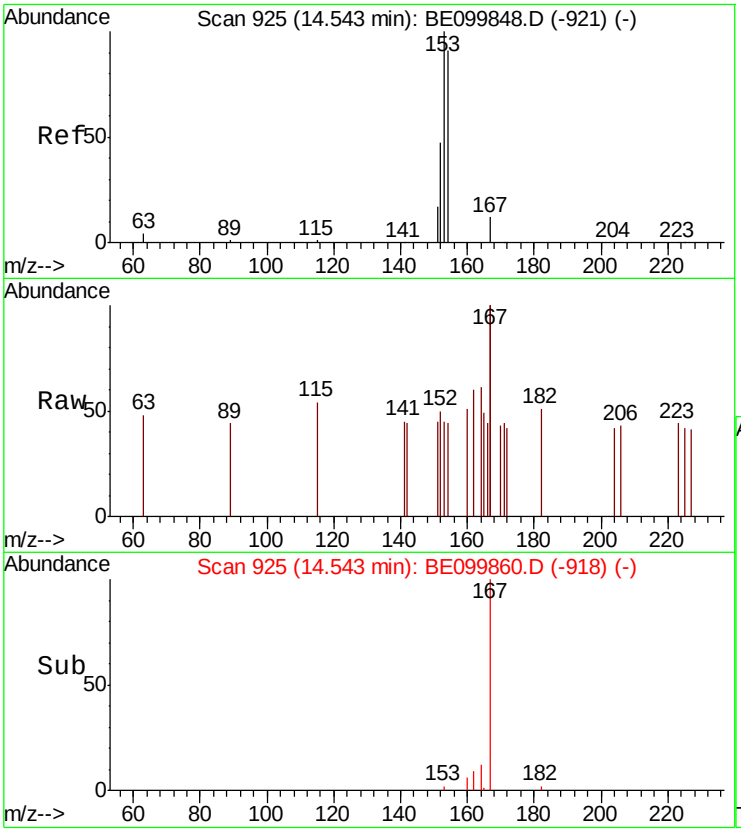


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:152 Resp: 11

Ion	Ratio	Lower	Upper
152	100		
151	45.5	15.9	23.9#
153	0.0	10.8	16.2#



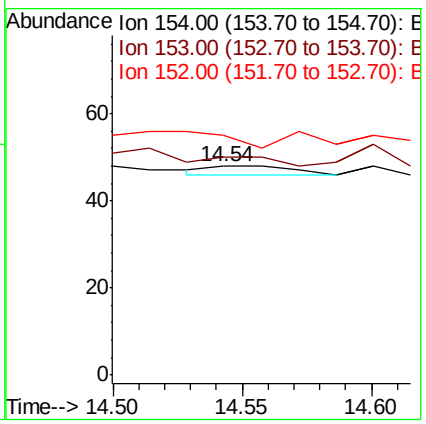


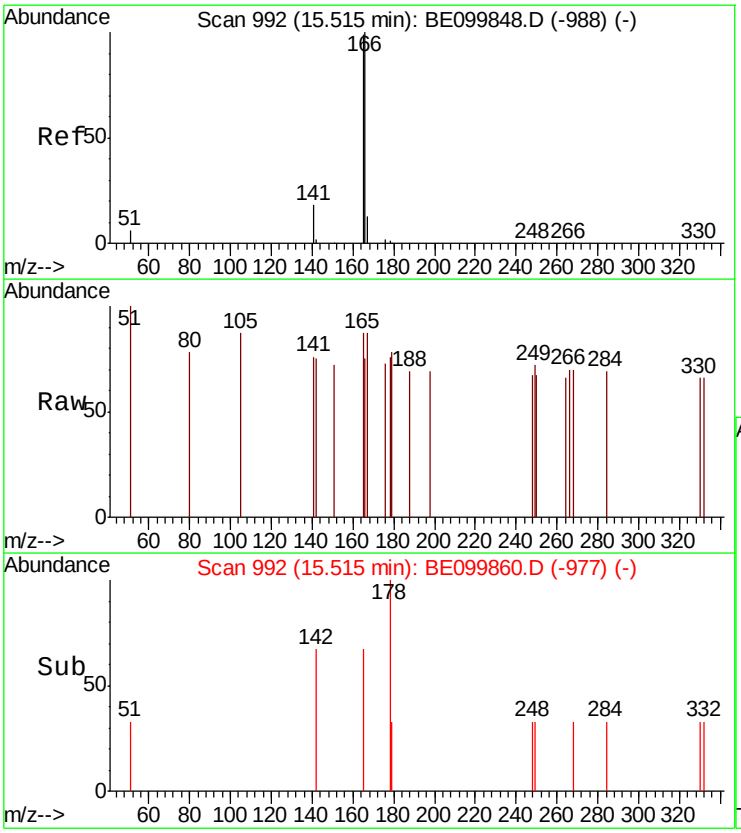
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:154 Resp: 4

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.8	140.6#
152	0.0	48.3	72.5#

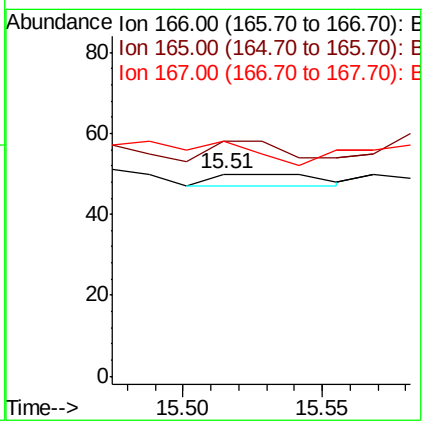


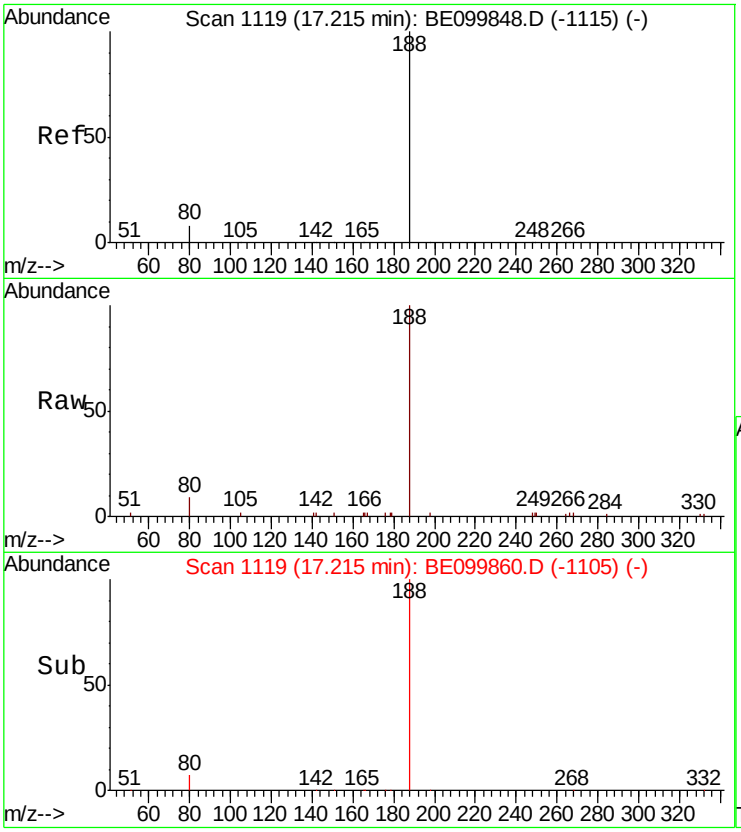


#18
Fluorene
Concen: 0.001 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:166 Resp: 8

Ion	Ratio	Lower	Upper
166	100		
165	112.5	80.4	120.6
167	0.0	10.7	16.1#



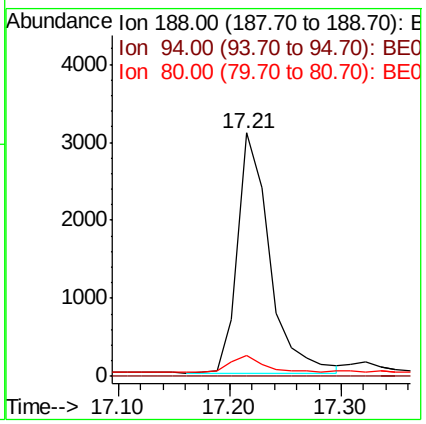


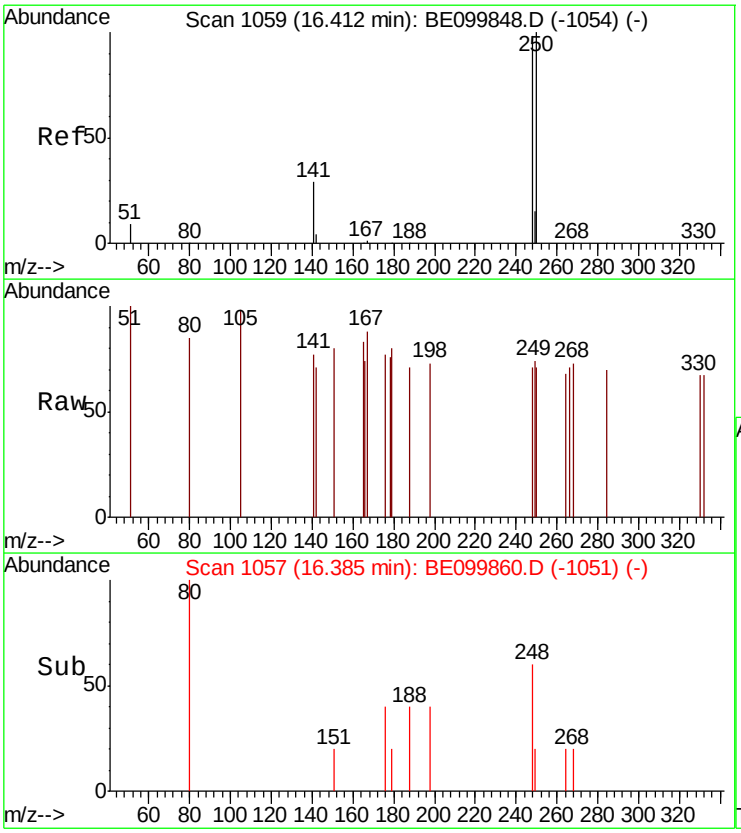
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:188 Resp: 6128

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	5.2	7.8#

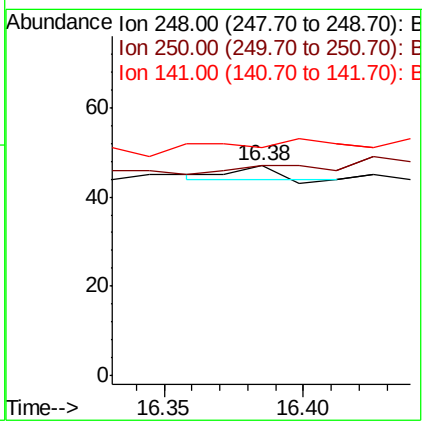


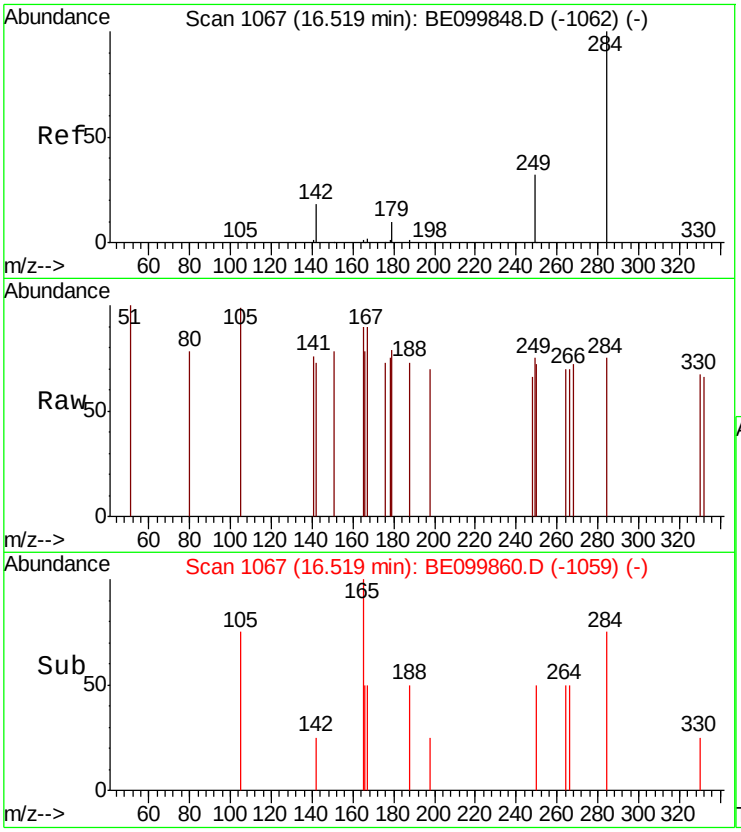


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.38 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	100.0	73.7	110.5
141	108.5	40.9	61.3#



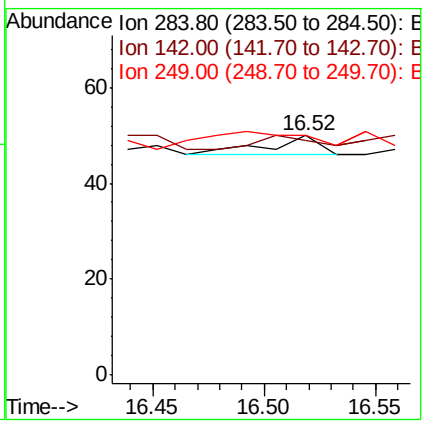


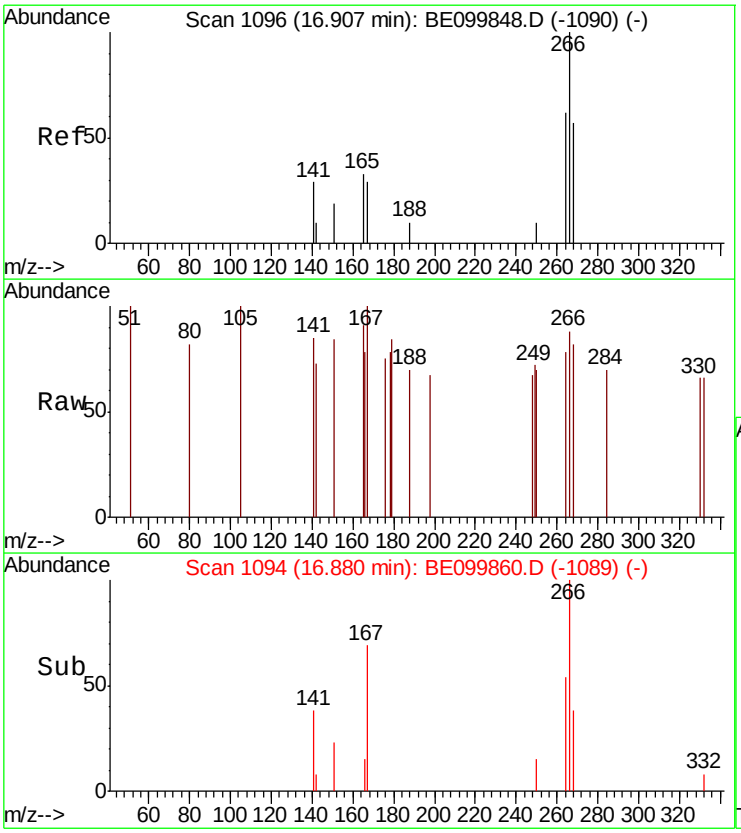
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	100.0	16.2	24.4#
249	0.0	23.1	34.7#

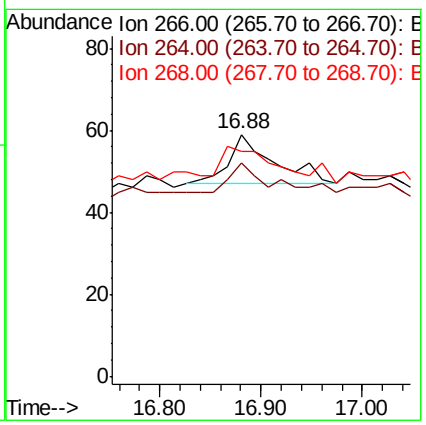


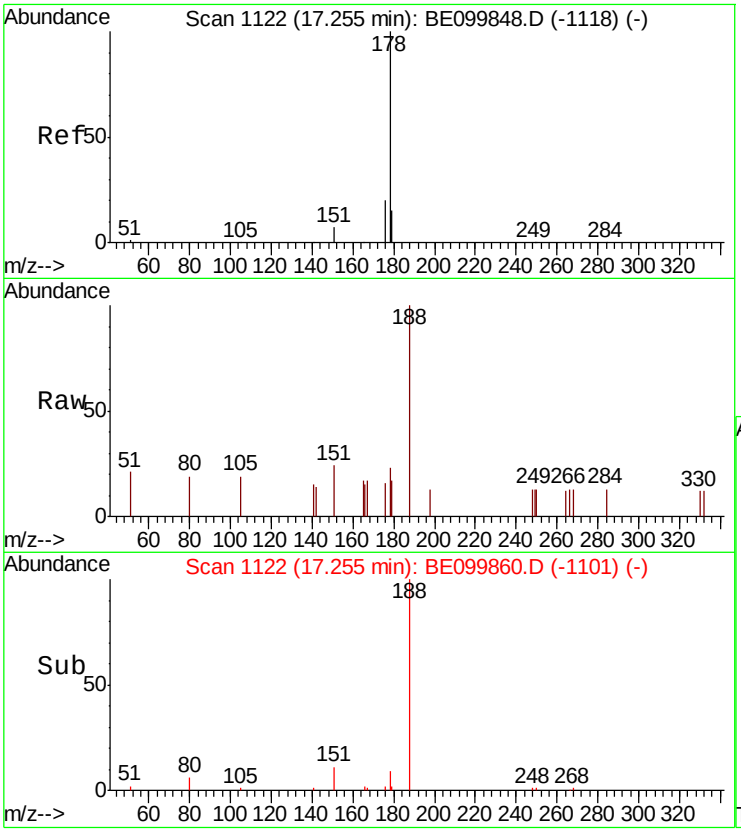


#22
Pentachlorophenol
Concen: 0.258 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
264	88.1	64.9	97.3
268	93.2	64.0	96.0



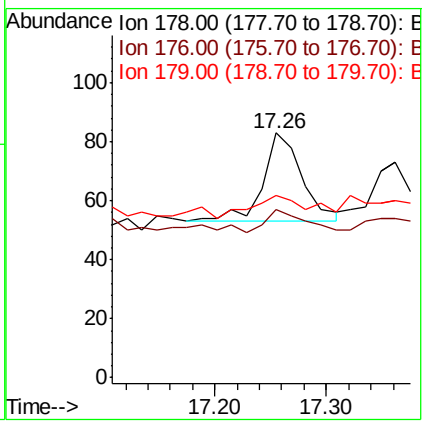


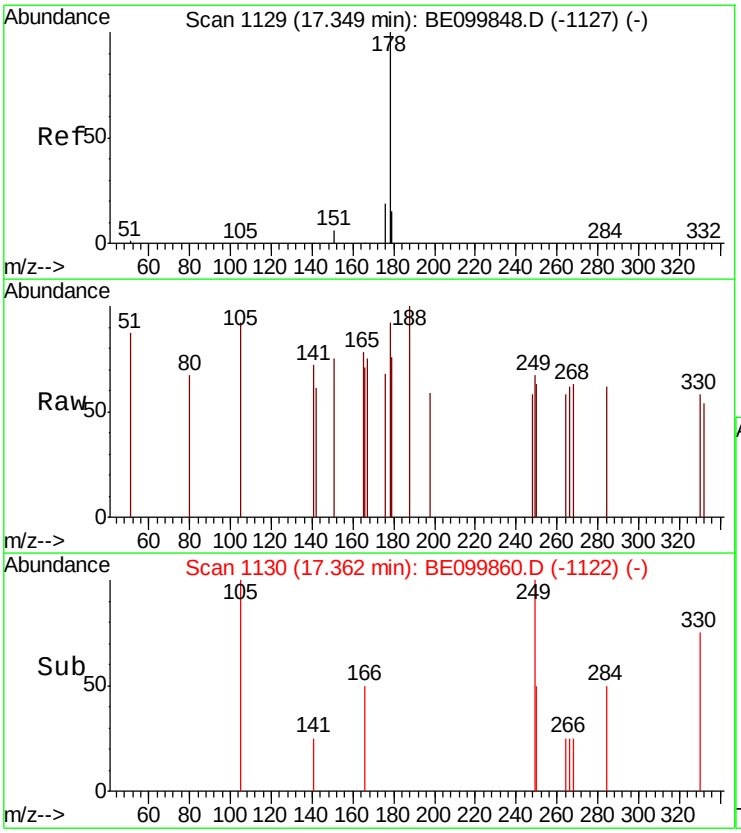
#23
Phenanthrene
Concen: 0.005 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:178 Resp: 75

Ion	Ratio	Lower	Upper
178	100		
176	26.7	15.4	23.0#
179	29.3	12.5	18.7#

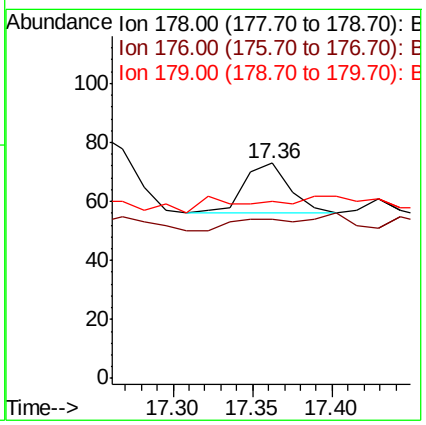


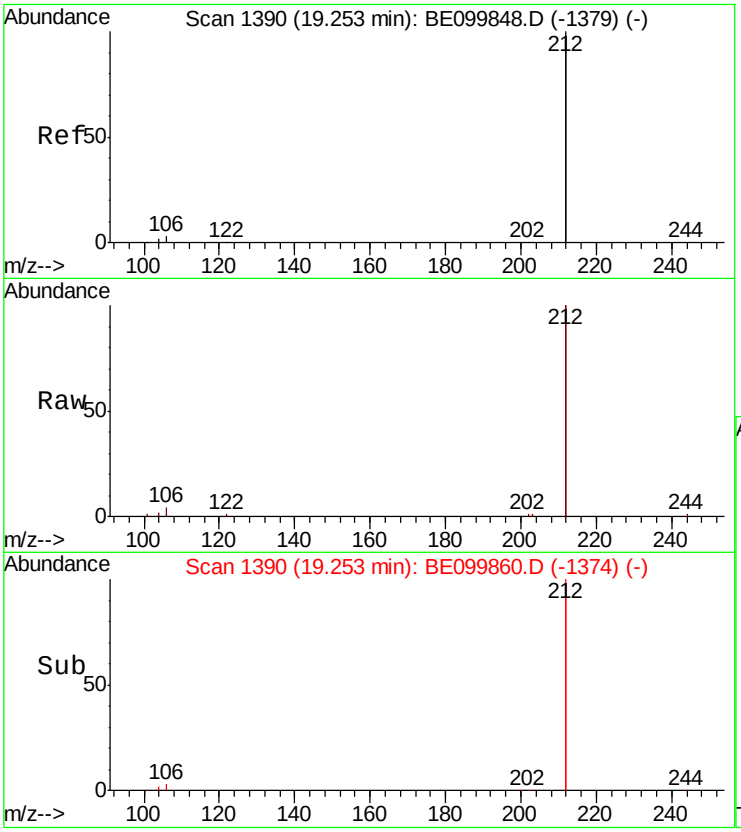


#24
Anthracene
Concen: 0.002 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:178 Resp: 35

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	0.0	12.1	18.1#



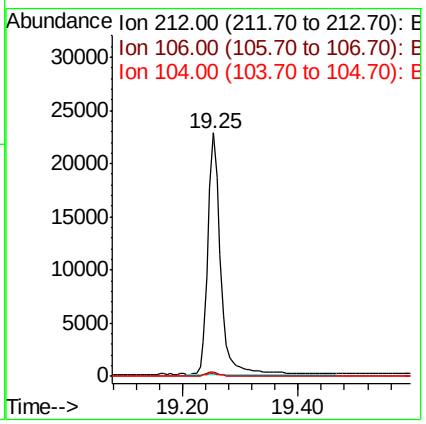


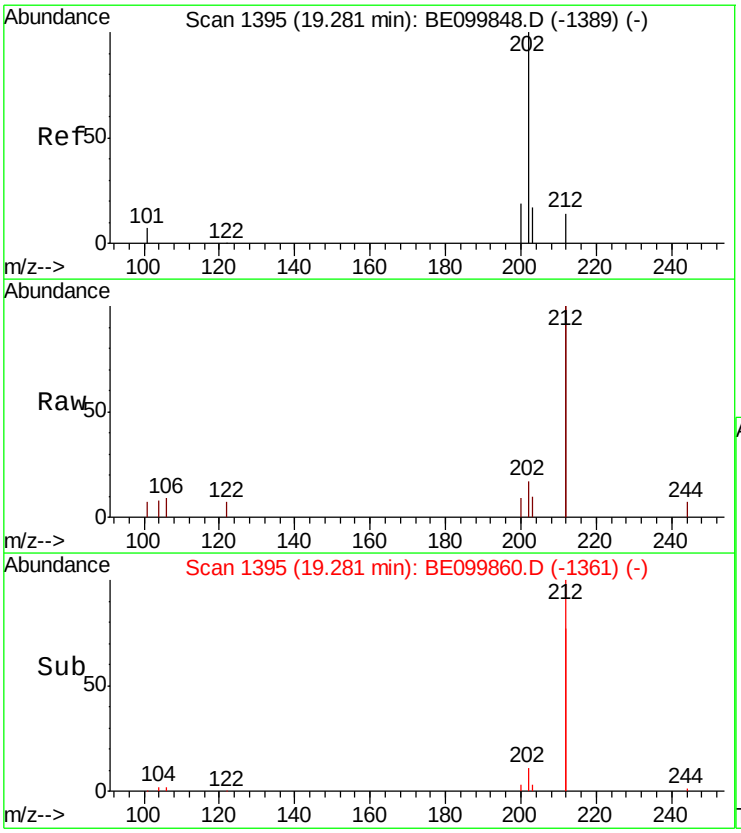
#25
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:212 Resp: 34362

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.0
104	1.0	0.8	1.2

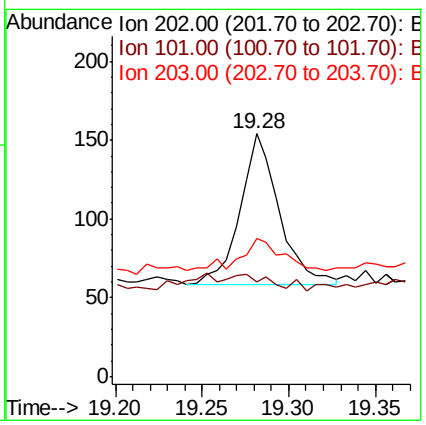


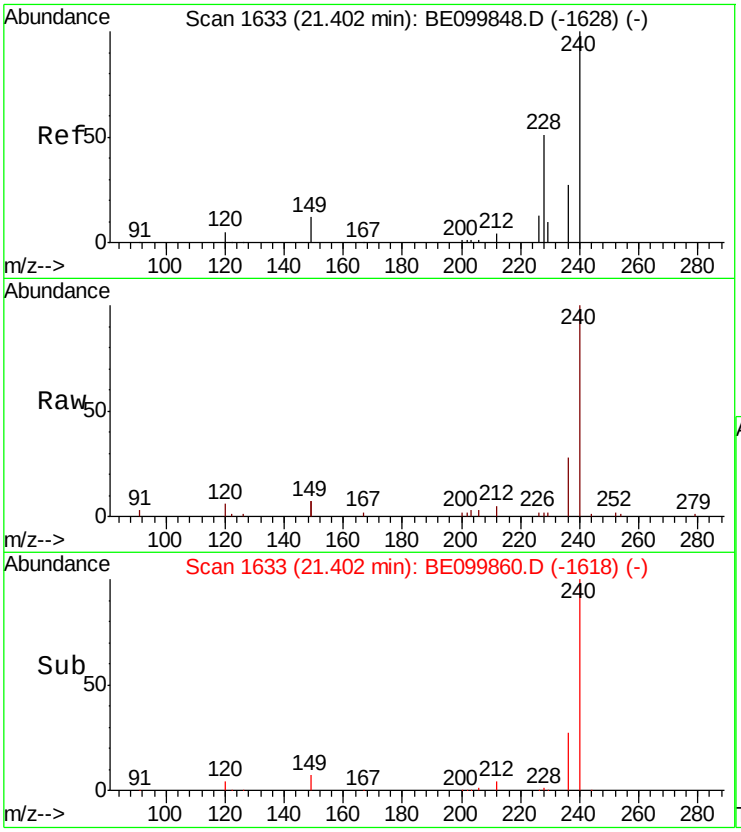


#26
Fluoranthene
Concen: 0.006 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:202 Resp: 152

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.2	7.8
203	28.9	13.6	20.4#



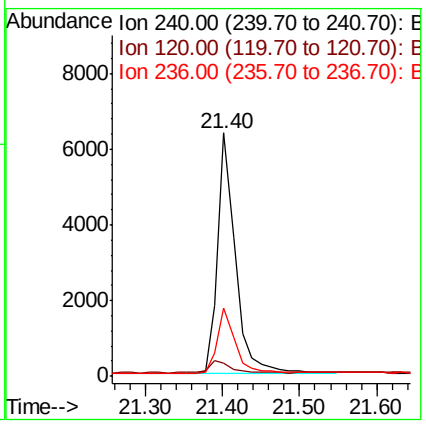


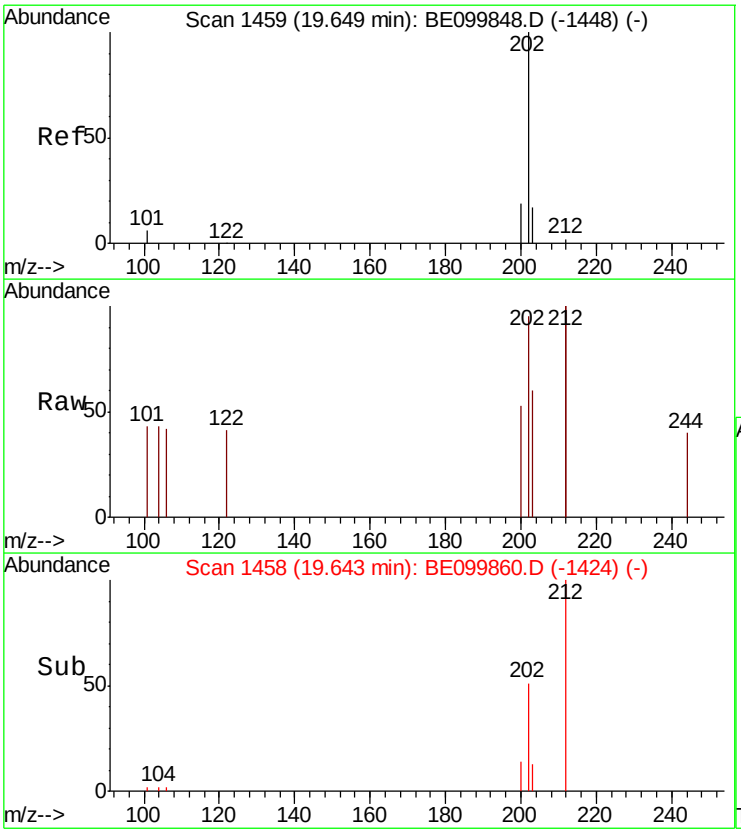
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:240 Resp: 10185

Ion	Ratio	Lower	Upper
240	100		
120	5.6	2.8	4.2#
236	28.2	20.9	31.3

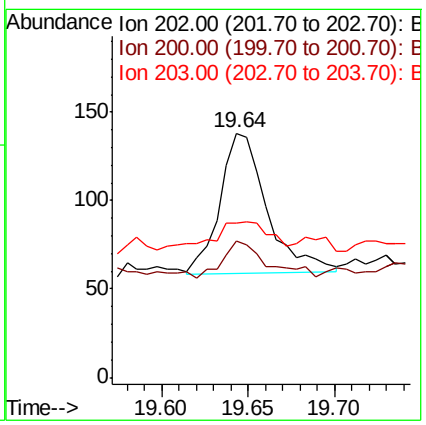


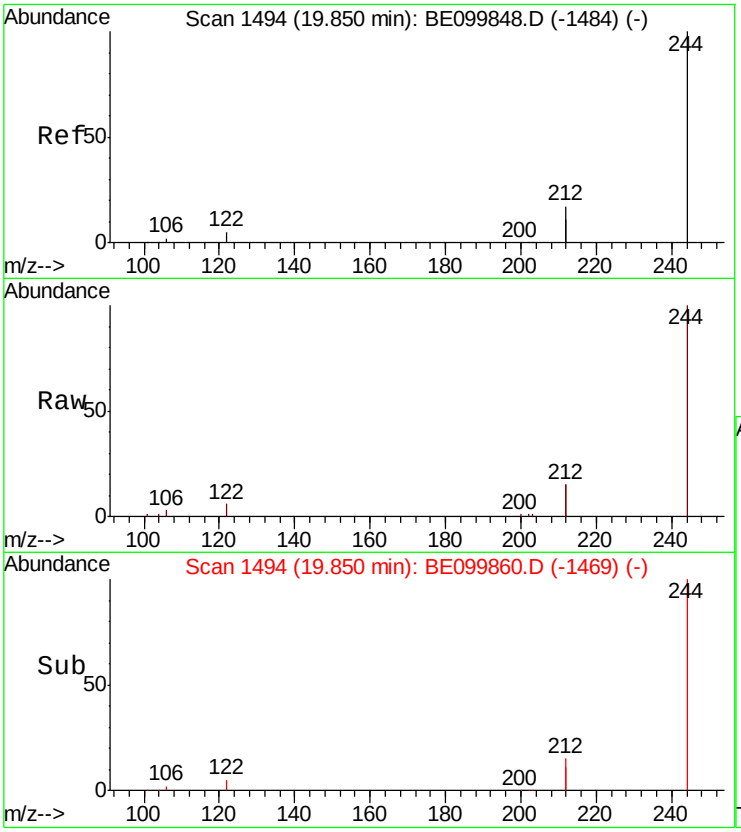


#28
Pyrene
Concen: 0.006 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:202 Resp: 151

Ion	Ratio	Lower	Upper
202	100		
200	25.2	15.6	23.4#
203	25.8	14.1	21.1#



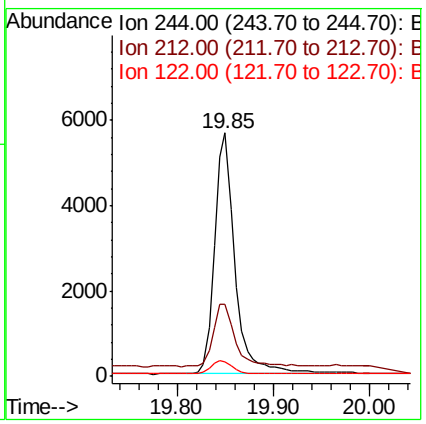


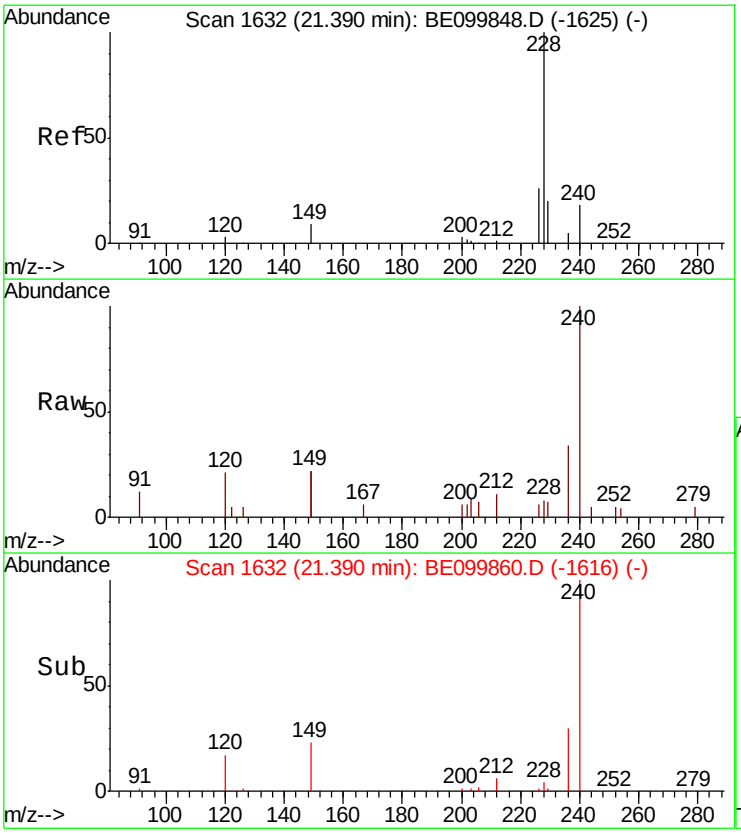
#29
Terphenyl-d14
Concen: 0.441 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:244 Resp: 8374

Ion	Ratio	Lower	Upper
244	100		
212	29.4	23.7	35.5
122	5.9	4.8	7.2

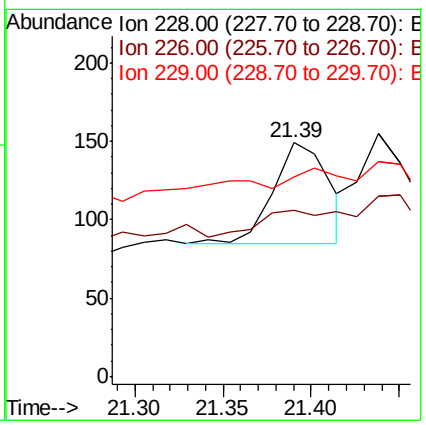


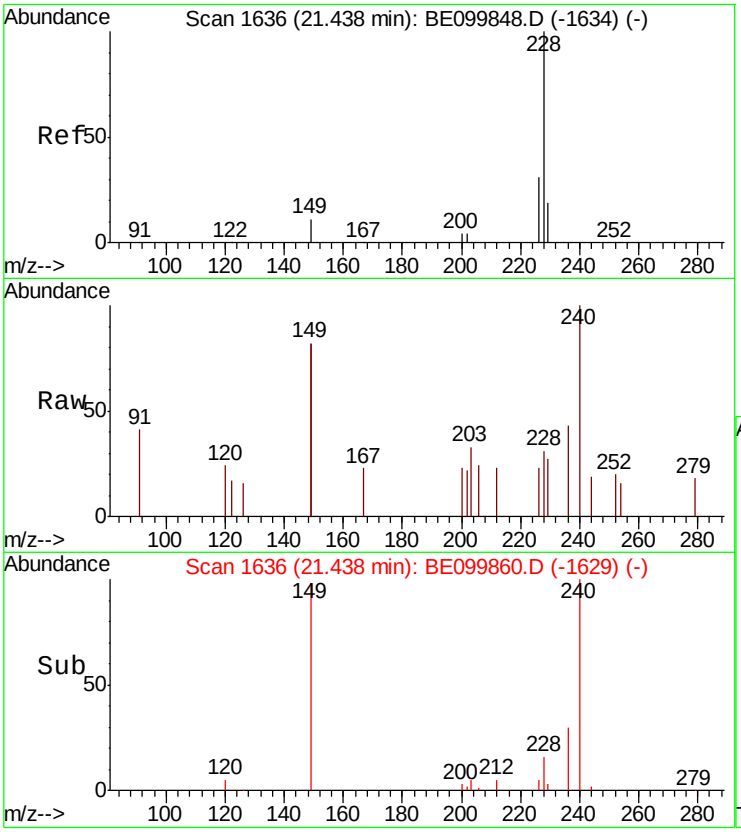


#30
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:228 Resp: 142

Ion	Ratio	Lower	Upper
228	100		
226	71.1	21.6	32.4#
229	85.2	15.8	23.6#



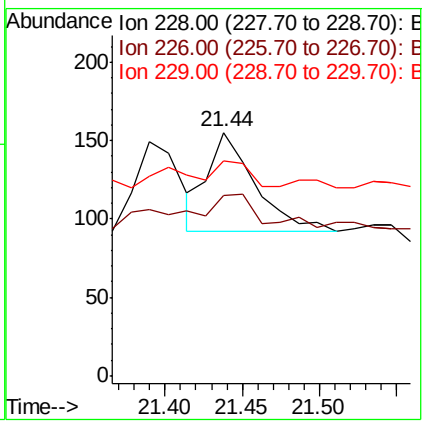


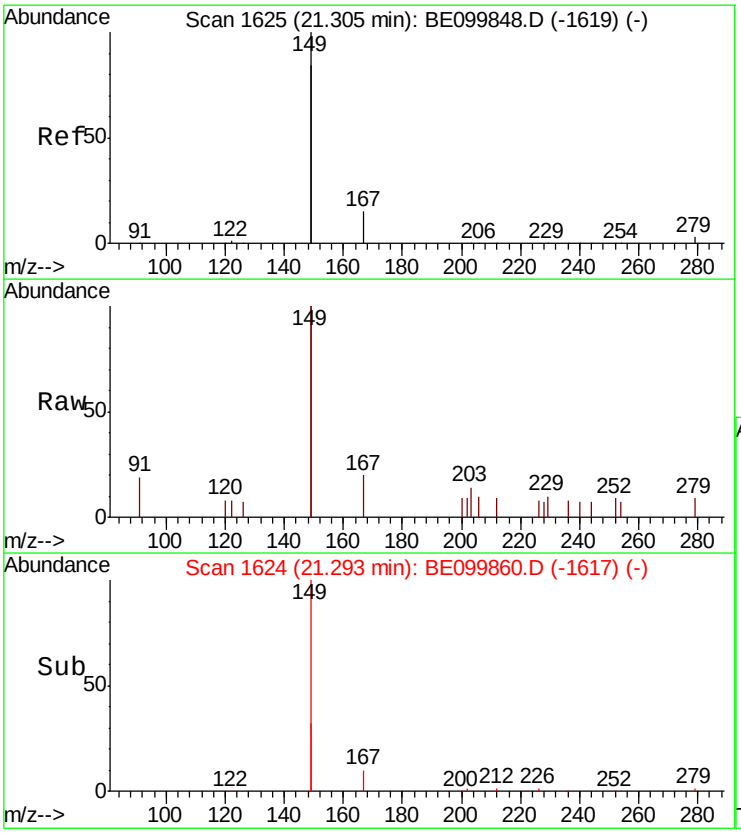
#31
Chrysene
Concen: 0.004 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:228 Resp: 134

Ion	Ratio	Lower	Upper
228	100		
226	74.2	22.9	34.3#
229	88.4	16.4	24.6#

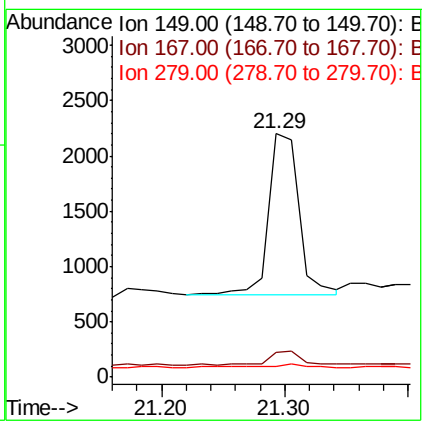


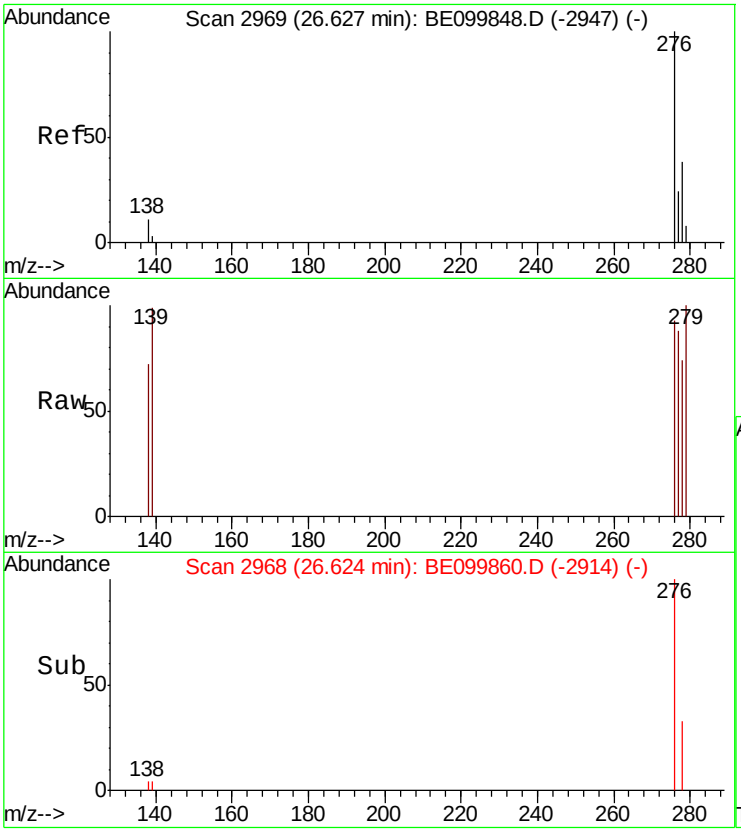


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:149 Resp: 2529

Ion	Ratio	Lower	Upper
149	100		
167	9.7	6.0	9.0#
279	2.1	1.2	1.8#



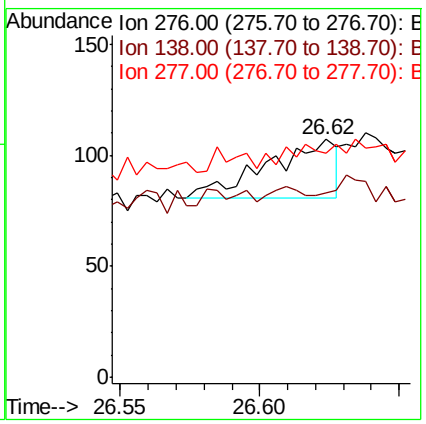


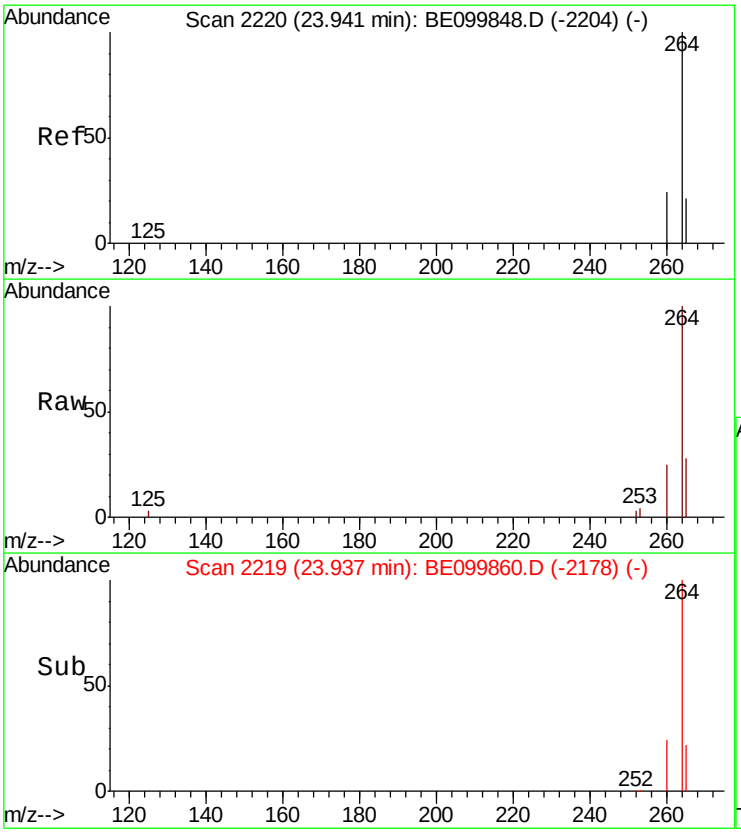
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.62 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:276 Resp: 45

Ion	Ratio	Lower	Upper
276	100		
138	17.8	10.3	15.5#
277	24.4	19.4	29.2

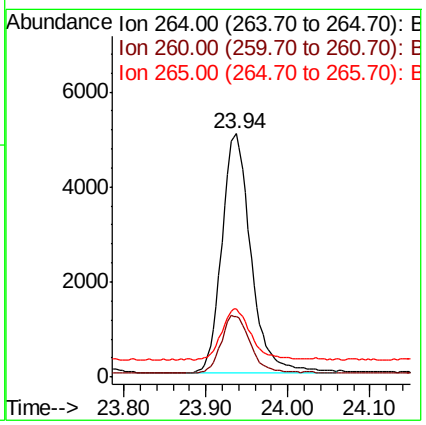


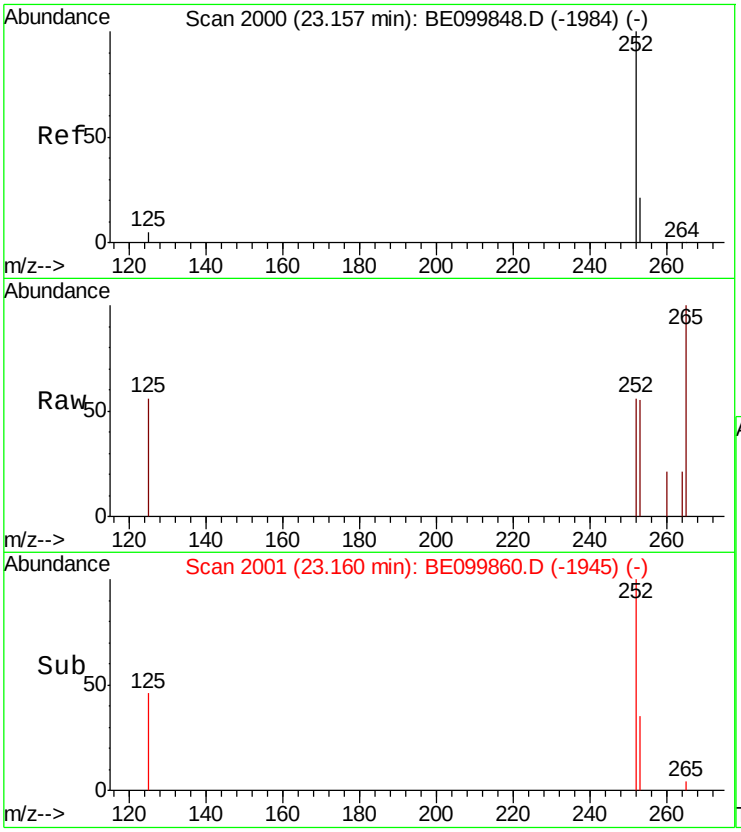


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:264 Resp: 12467

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	28.3	20.7	31.1



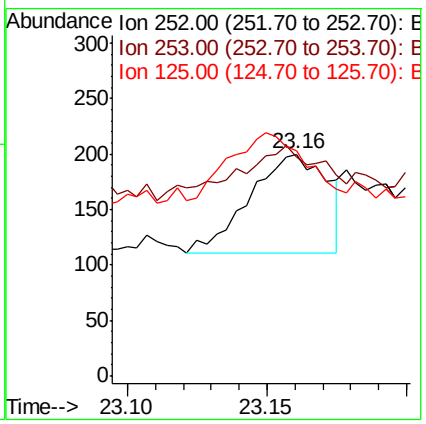


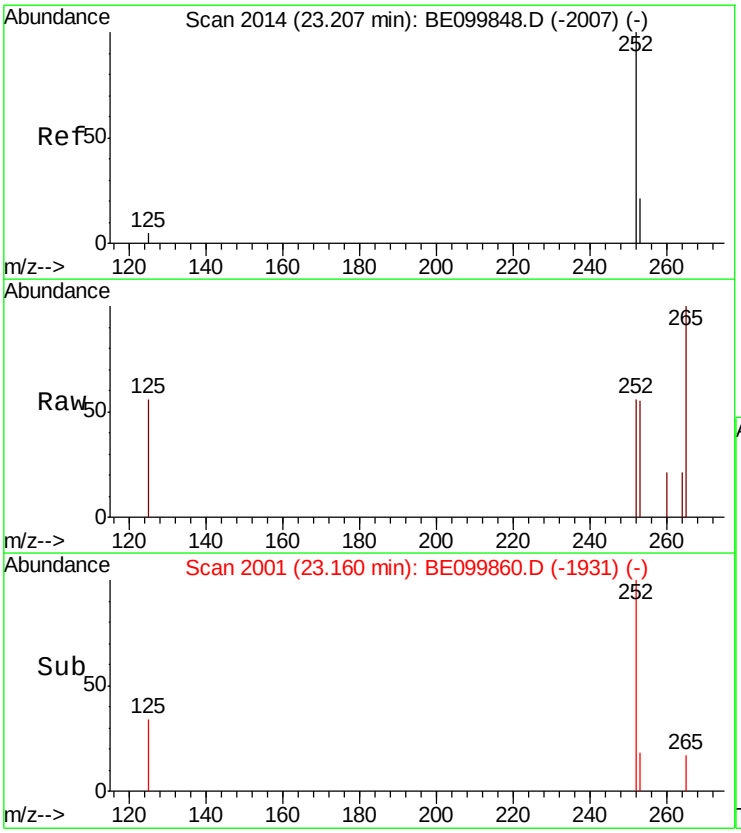
#35
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:252 Resp: 172

Ion	Ratio	Lower	Upper
252	100		
253	98.5	18.9	28.3#
125	101.5	7.6	11.4#

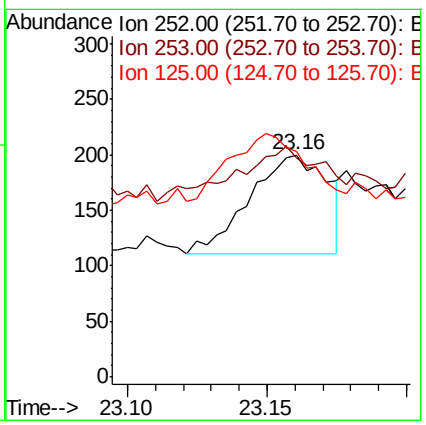


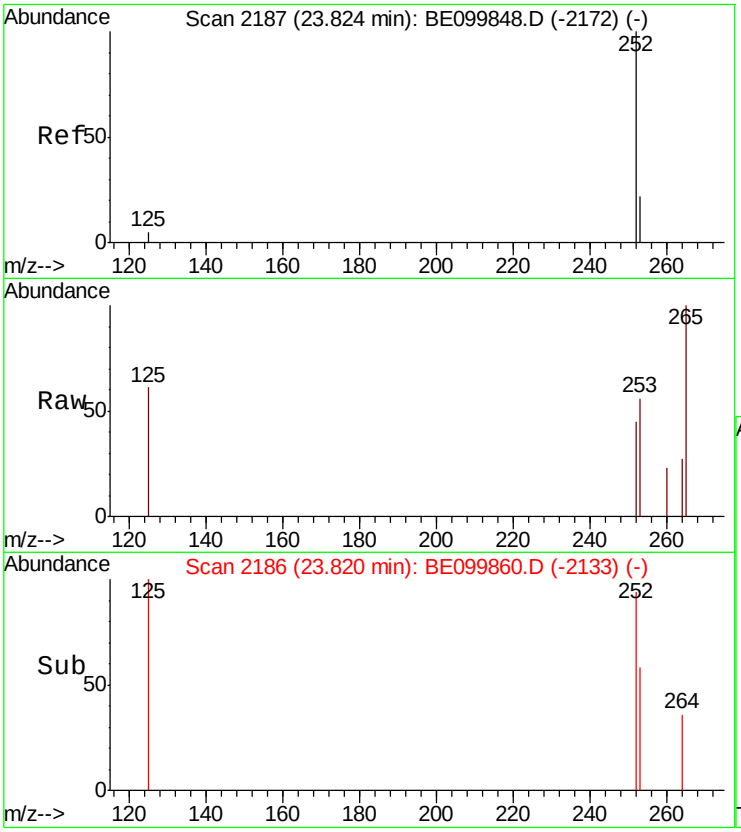


#36
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.05 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:252 Resp: 172

Ion	Ratio	Lower	Upper
252	100		
253	98.5	18.4	27.6#
125	101.5	4.6	7.0#



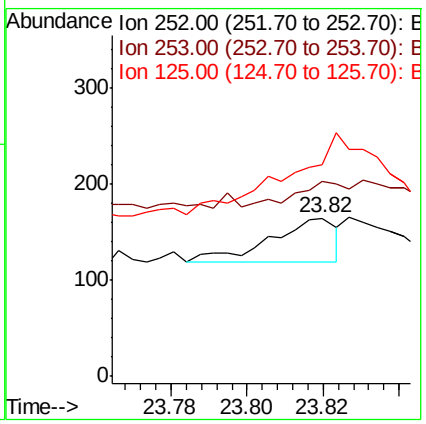


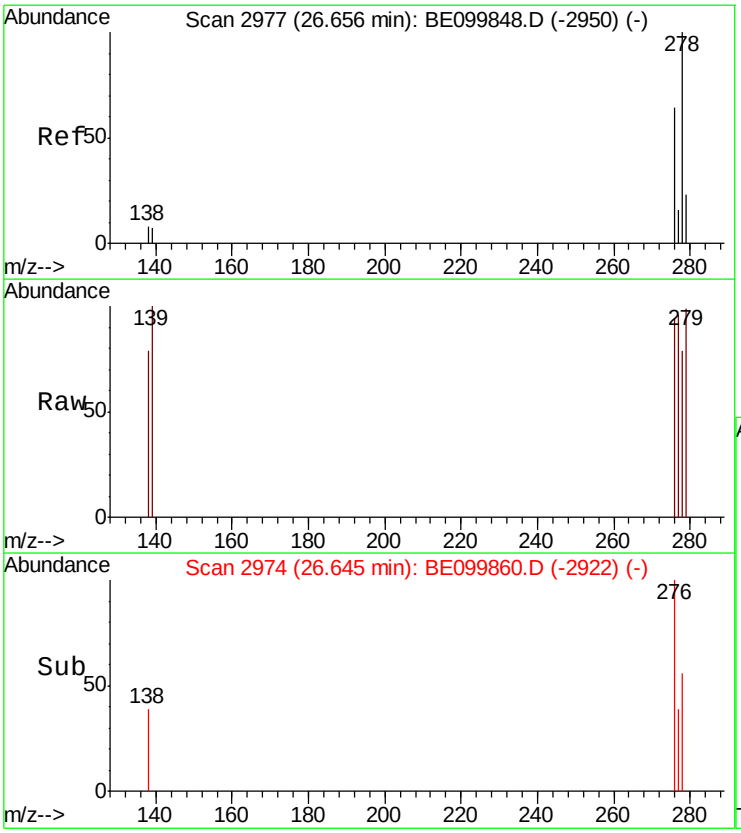
#37
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
253	123.2	19.3	28.9#
125	134.1	10.2	15.4#

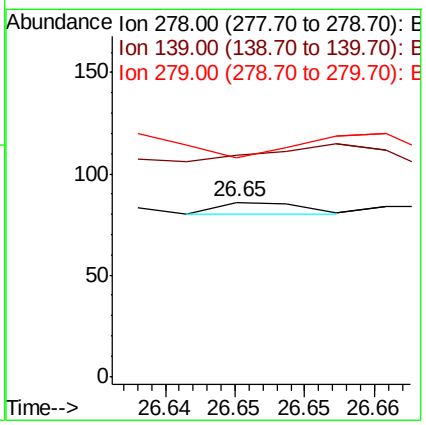


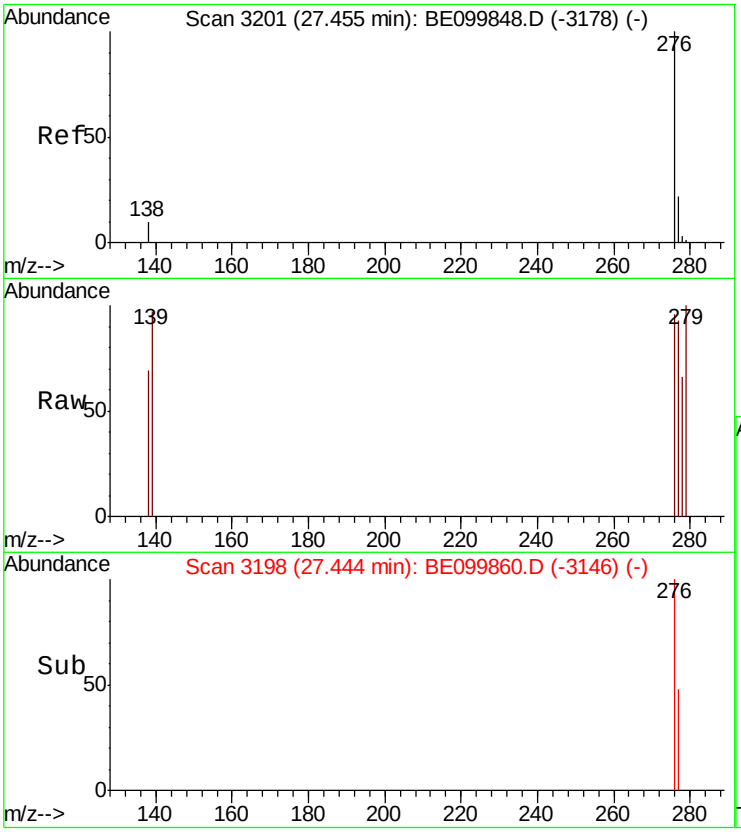


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.65 min Scan# 2974
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	126.7	7.9	11.9#
279	125.6	18.5	27.7#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 27.44 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:276 Resp: 25

Ion	Ratio	Lower	Upper
276	100		
277	96.3	19.6	29.4#
138	71.6	9.0	13.4#