Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099859.D
Acq On : 7 Jun 2019 19:05
Operator : JU/SJ
Sample : K3221-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPS1-TT-MW301I-20190605

Quant Time: Jun 08 04:32:29 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	846	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2884	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2156	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6668	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10635	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12566	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	382	0.13	ng	0.00
5) Phenol-d6	6.98	99	283	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	945	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1724	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	701	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2892	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	37140	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	8357	0.42	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	81	0.049	ng	# 68
3) n-Nitrosodimethylamine	3.56	42	26	0.032	ng	# 16
6) bis(2-Chloroethyl)ether	7.20	93	8	0.003	ng	# 43
9) Naphthalene	10.65	128	65	0.002	ng	# 46
10) Hexachlorobutadiene	10.91	225	7	0.003	ng	# 19
12) 2-Methylnaphthalene	12.28	142	10	0.002	ng	# 57
16) Acenaphthylene	14.17	152	16	0.001	ng	# 61
17) Acenaphthene	14.53	154	15	0.003	ng	# 31
18) Fluorene	15.51	166	13	0.001	ng	# 8
20) 4-Bromophenyl-phenylether	16.37	248	6	0.002	ng	# 64
21) Hexachlorobenzene	16.50	284	8	0.002	ng	# 59
22) Pentachlorophenol	16.88	266	33	0.253	ng	84
23) Phenanthrene	17.25	178	93	0.006	ng	# 59
24) Anthracene	17.36	178	46	0.003	ng	# 55
26) Fluoranthene	19.28	202	197	0.007	ng	# 93
28) Pyrene	19.64	202	200	0.007	ng	# 72
30) Benzo(a)anthracene	21.39	228	228	0.007	ng	# 1
31) Chrysene	21.44	228	164	0.005	ng	# 11
32) Bis(2-ethylhexyl)phthalate	21.29	149	1121	0.020	ng	# 90
33) Indeno(1,2,3-cd)pyrene	26.60	276	21	0.001	ng	# 76
35) Benzo(b)fluoranthene	23.16	252	290	0.008	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	290	0.008	ng	# 1
37) Benzo(a)pyrene	23.82	252	155	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	4	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	60	0.002	ng	# 1

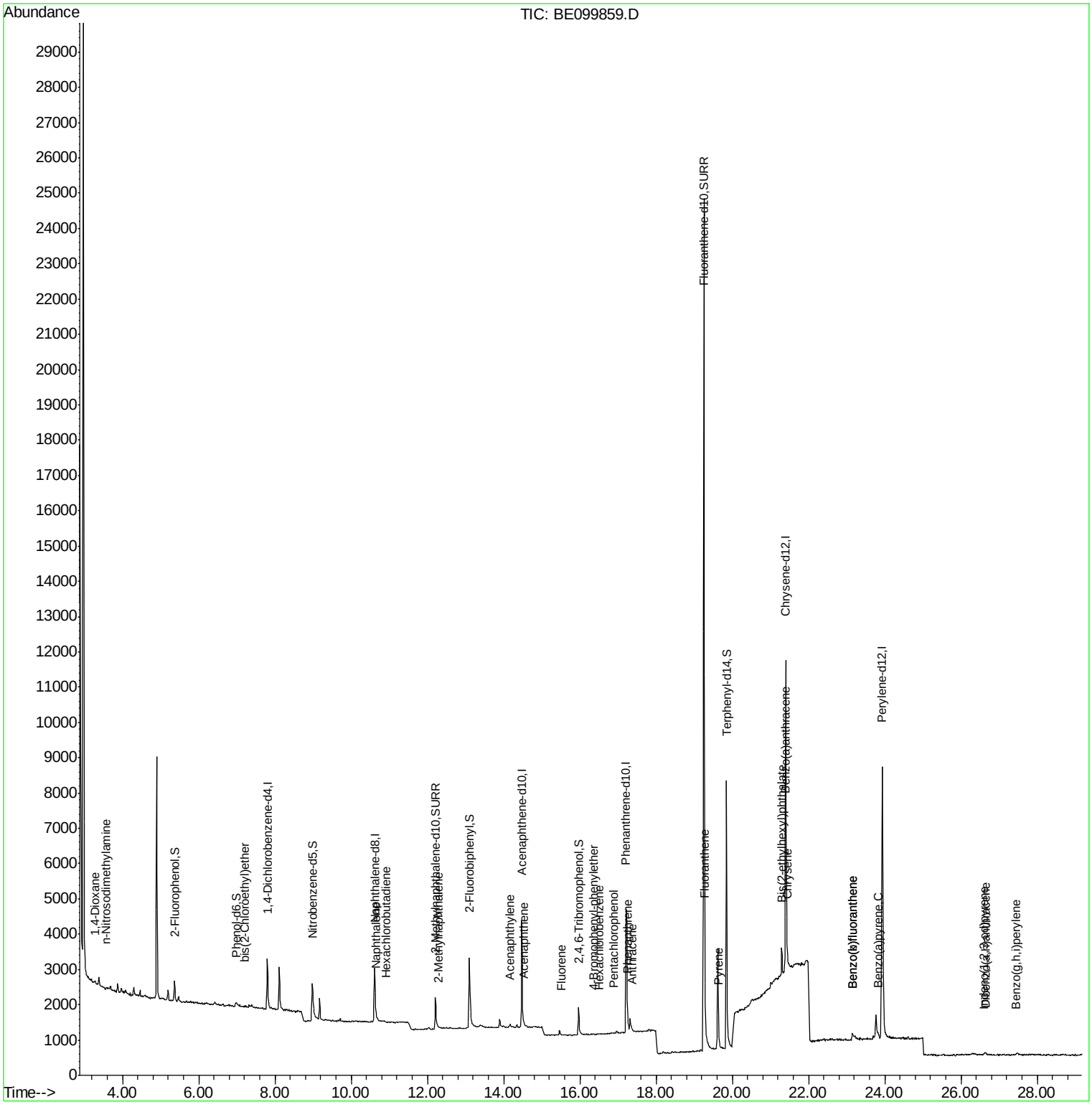
(#) = qualifier out of range (m) = manual integration (+) = signals summed

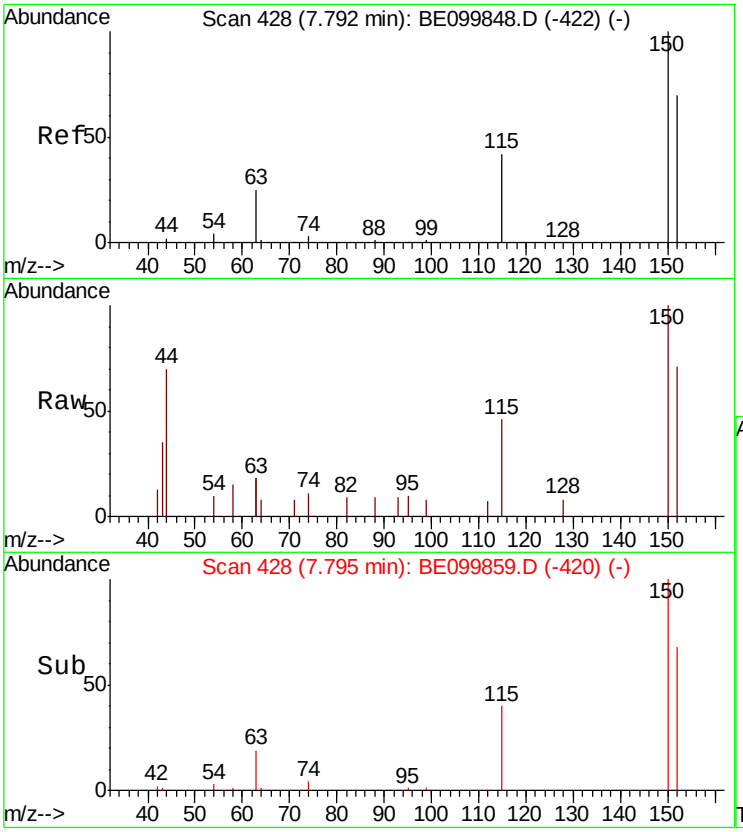
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099859.D
Acq On : 7 Jun 2019 19:05
Operator : JU/SJ
Sample : K3221-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Quant Time: Jun 08 04:32:29 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



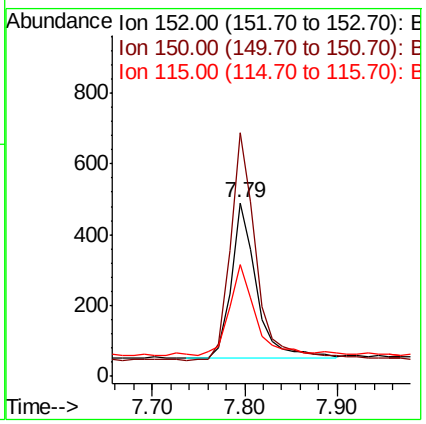


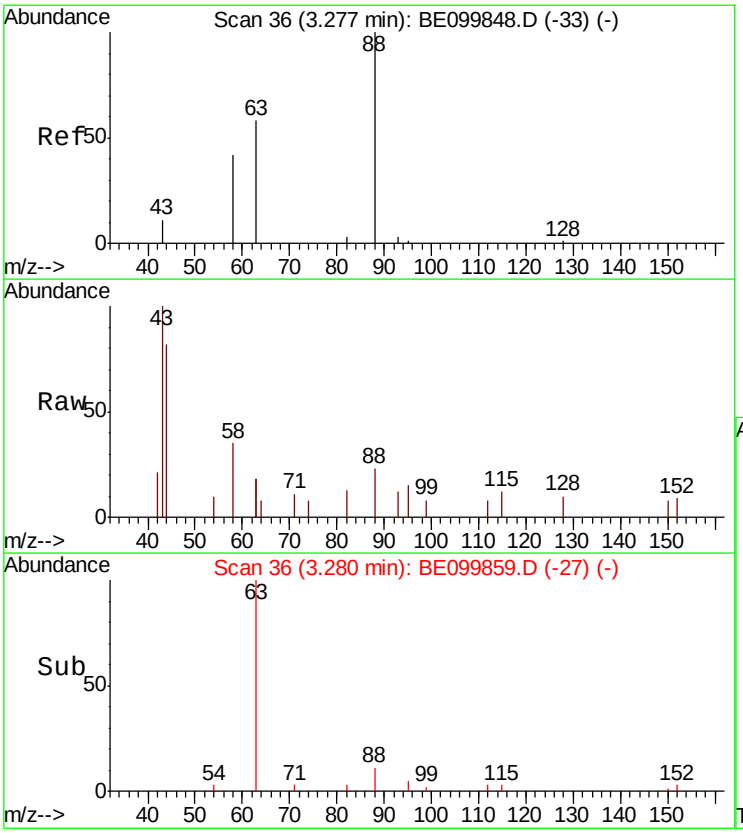
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:152 Resp: 846

Ion	Ratio	Lower	Upper
152	100		
150	140.4	112.8	169.2
115	64.5	47.6	71.4

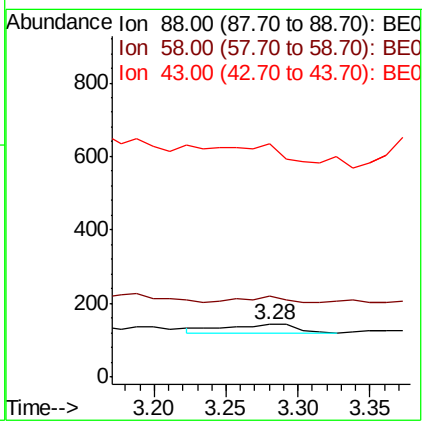


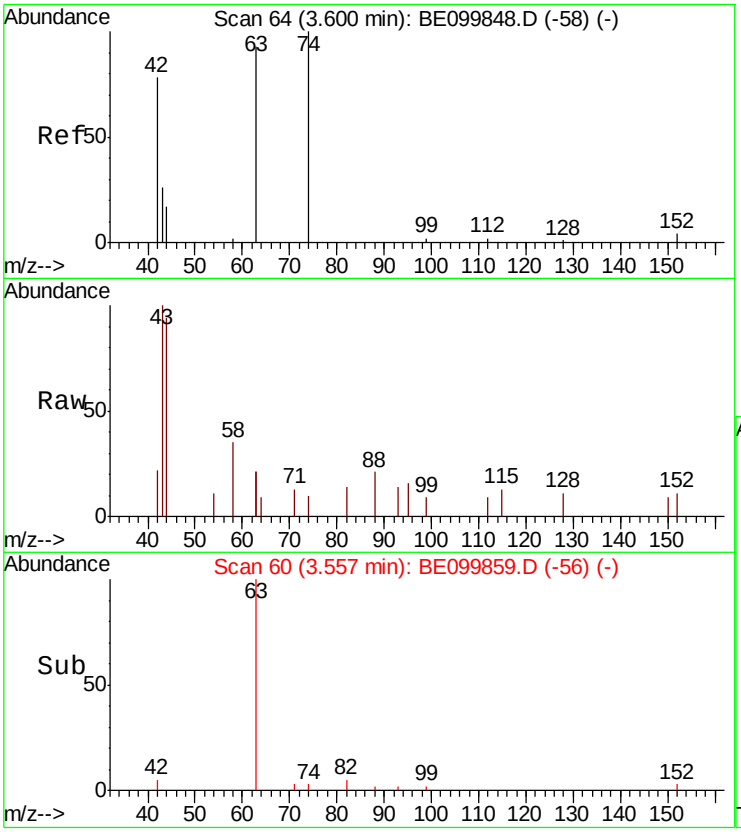


#2
1,4-Dioxane
Concen: 0.049 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion: 88 Resp: 81

Ion	Ratio	Lower	Upper
88	100		
58	39.5	47.3	70.9#
43	0.0	18.2	27.4#



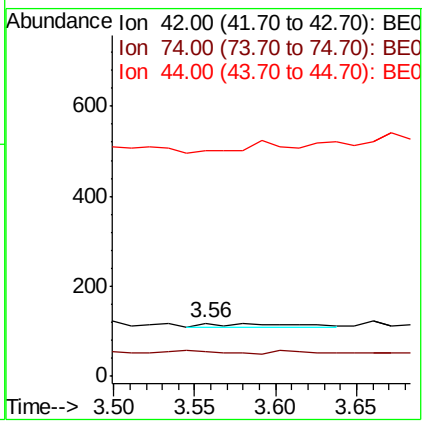


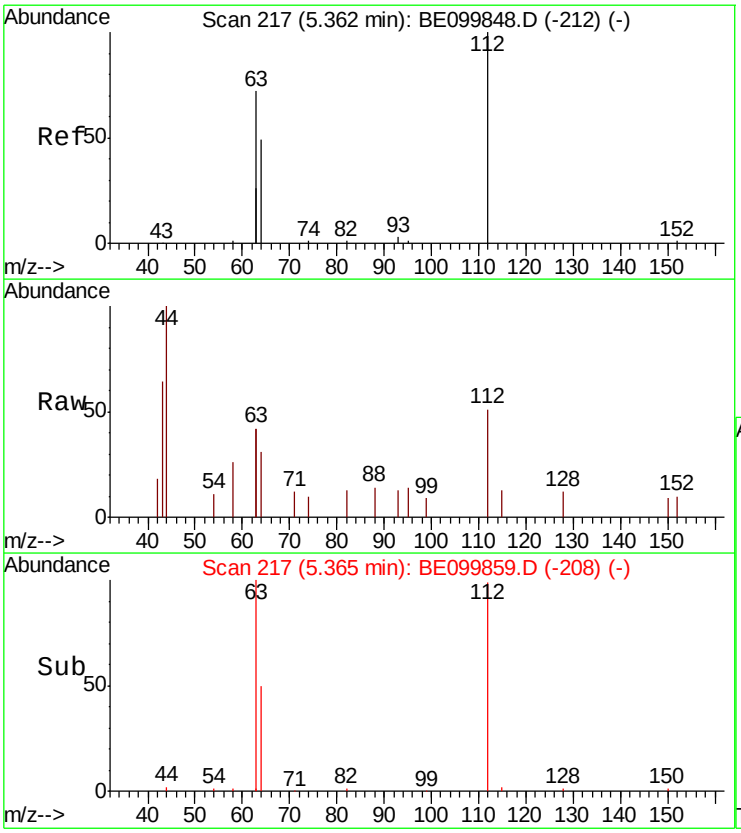
#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.56 min Scan# 60
Delta R.T. -0.06 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	46.2	132.6	198.8#
44	0.0	13.4	20.0#

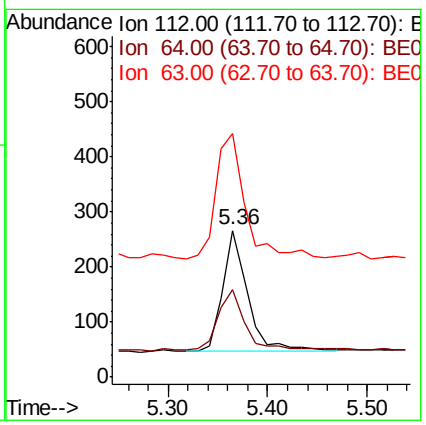


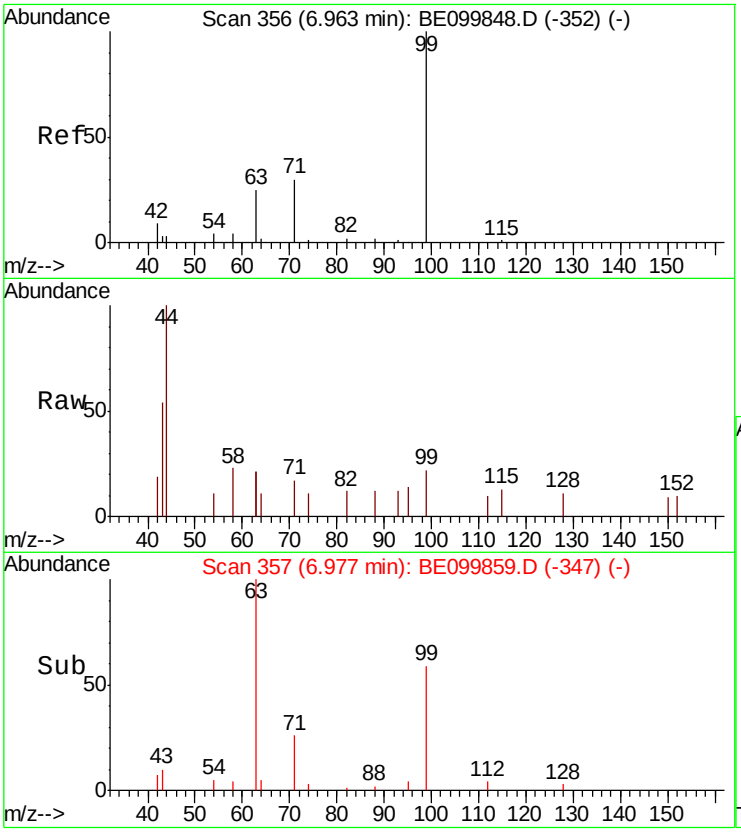


#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:112 Resp: 382

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.2	70.8
63	123.0	90.7	136.1



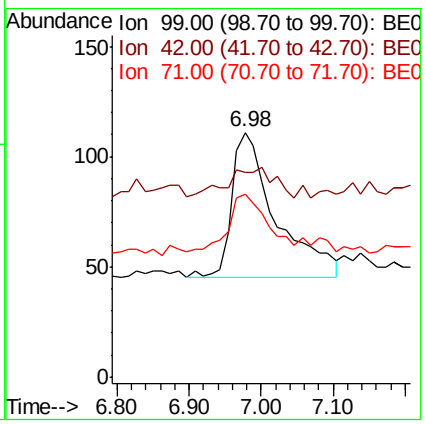


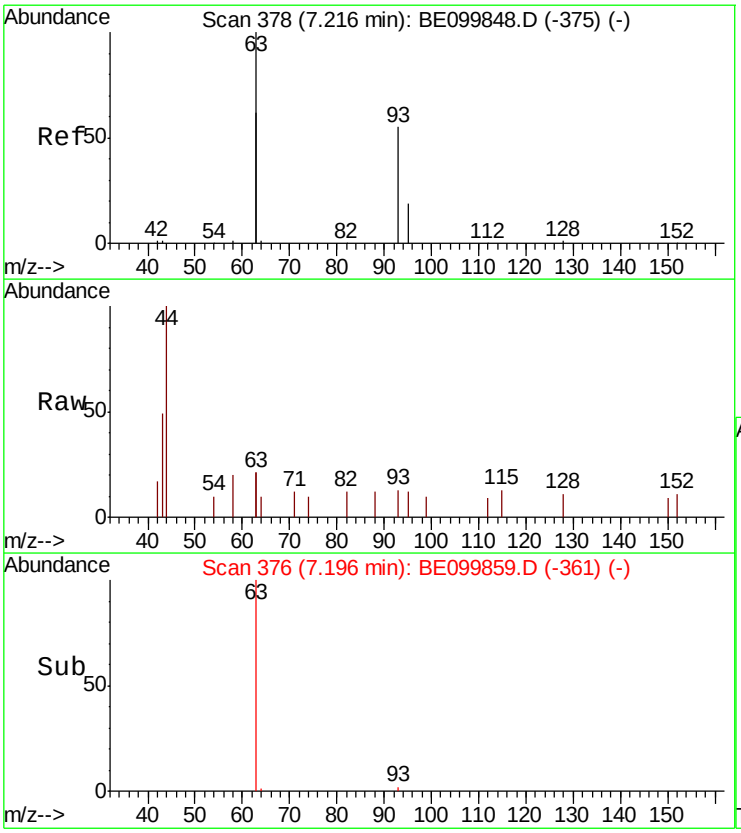
#5
Phenol-d6
Concen: 0.081 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion: 99 Resp: 283

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.0	16.4#
71	33.6	26.1	39.1

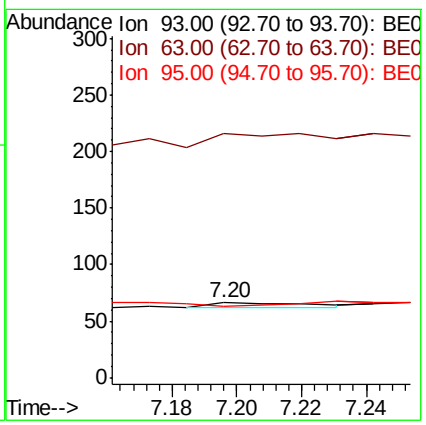


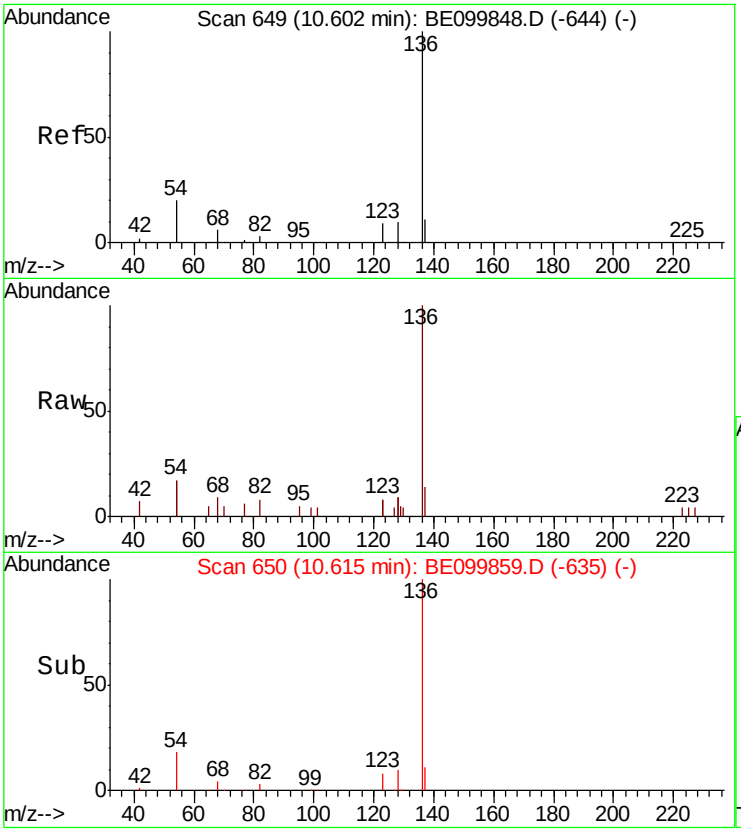


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.20 min Scan# 376
Delta R.T. -0.03 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion: 93 Resp: 8

Ion	Ratio	Lower	Upper
93	100		
63	362.5	208.8	313.2#
95	0.0	27.6	41.4#



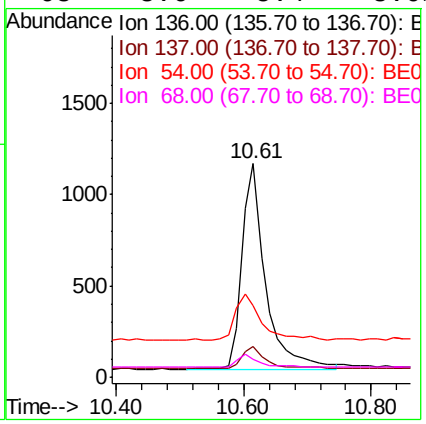


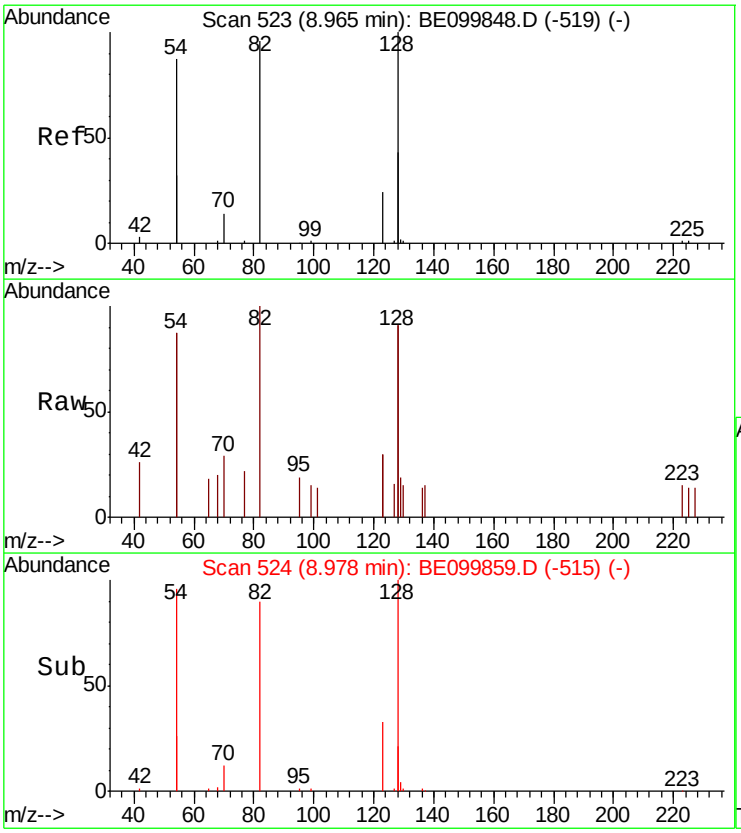
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:136 Resp: 2884

Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.1	16.7
54	33.7	17.9	26.9#
68	8.6	5.4	8.0#

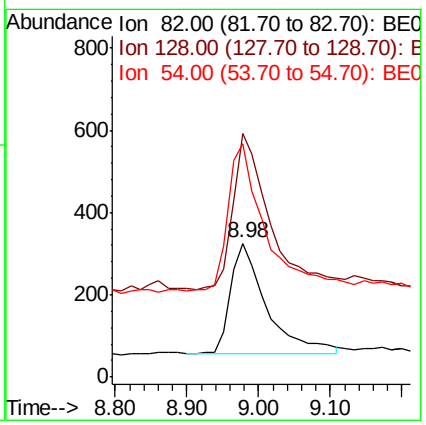


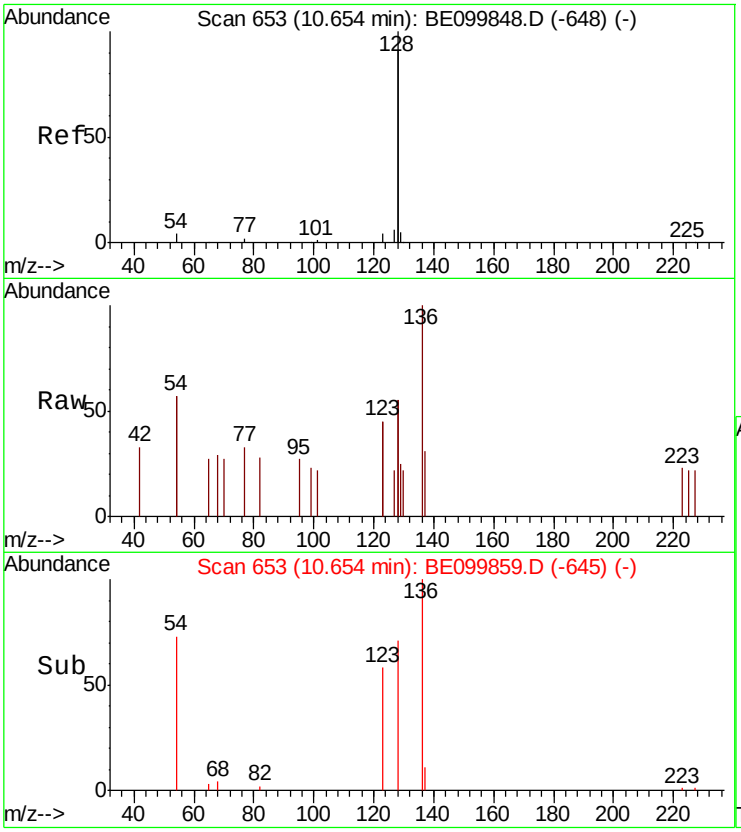


#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion: 82 Resp: 945

Ion	Ratio	Lower	Upper
82	100		
128	182.2	116.6	175.0#
54	174.8	136.2	204.4



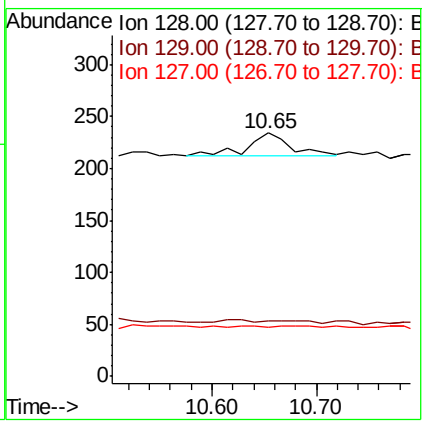


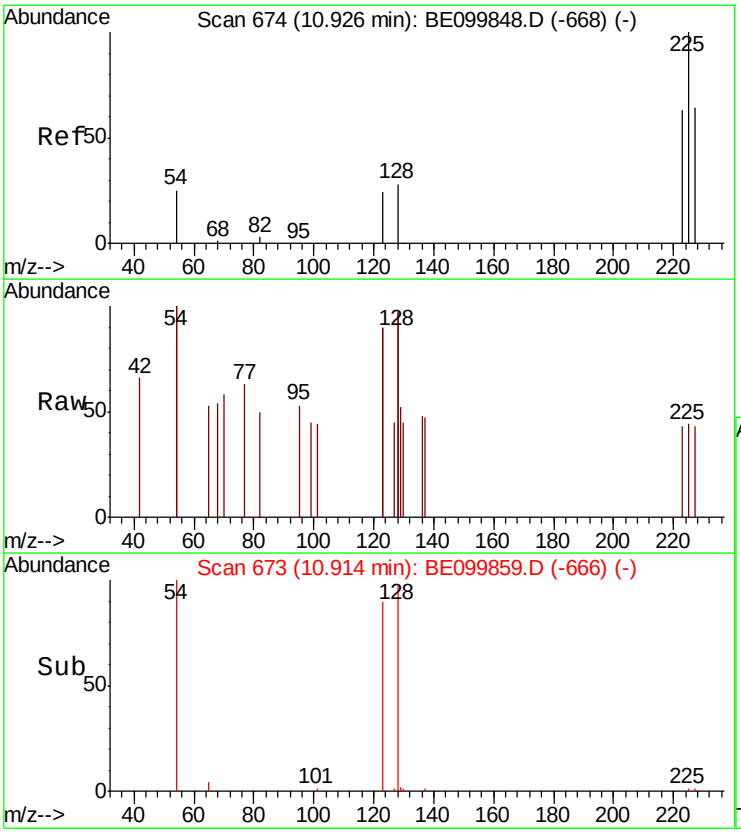
#9
Naphthalene
Concen: 0.002 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:128 Resp: 65

Ion	Ratio	Lower	Upper
128	100		
129	22.6	2.6	4.0#
127	20.1	3.0	4.6#

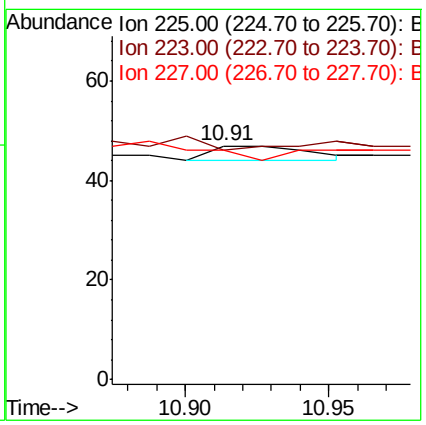


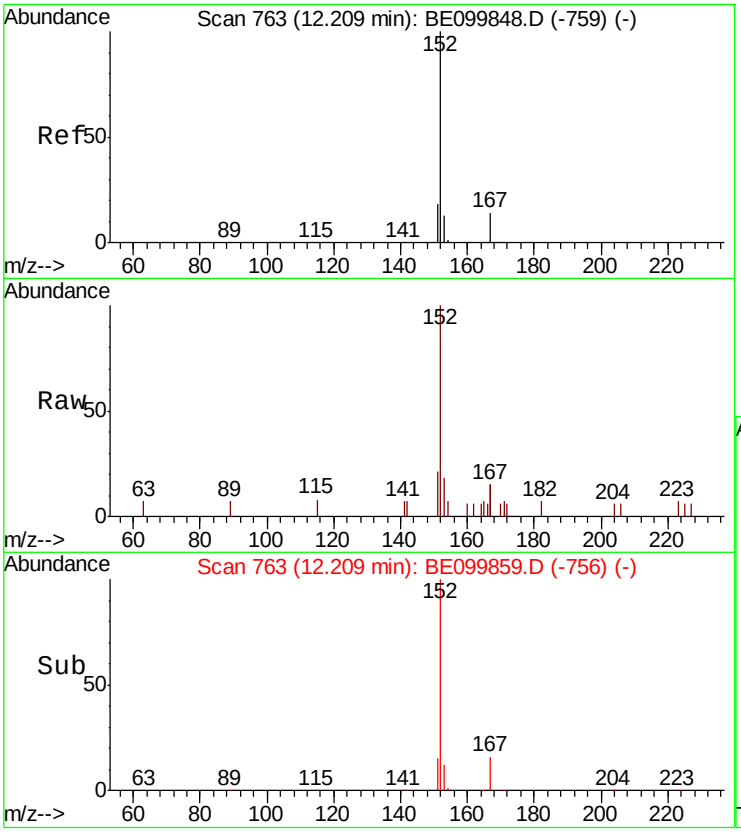


#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:225 Resp: 7

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



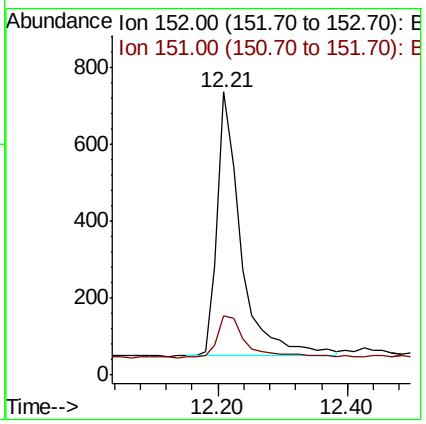


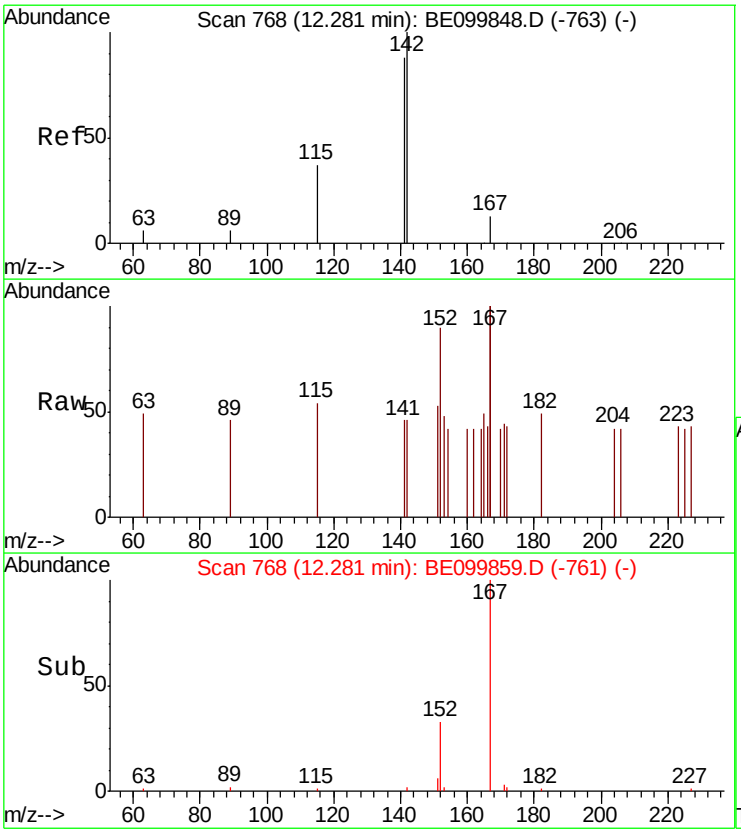
#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:152 Resp: 1724

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8

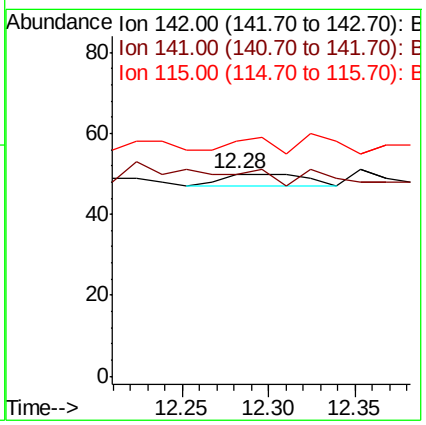


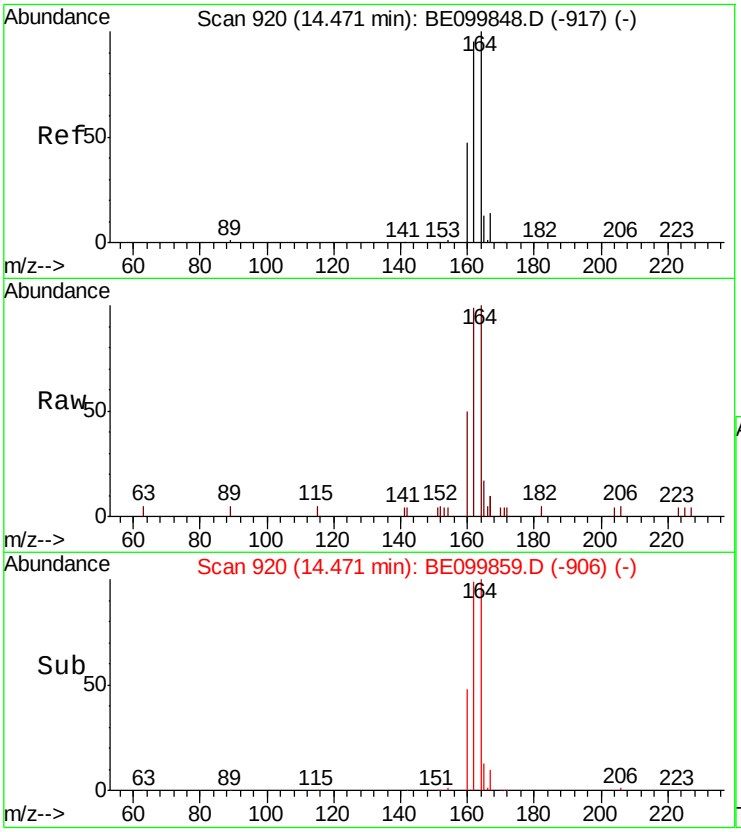


#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:142 Resp: 10

Ion	Ratio	Lower	Upper
142	100		
141	100.0	73.3	109.9
115	116.0	33.4	50.2#



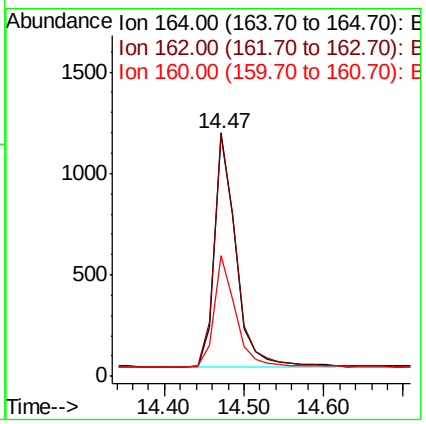


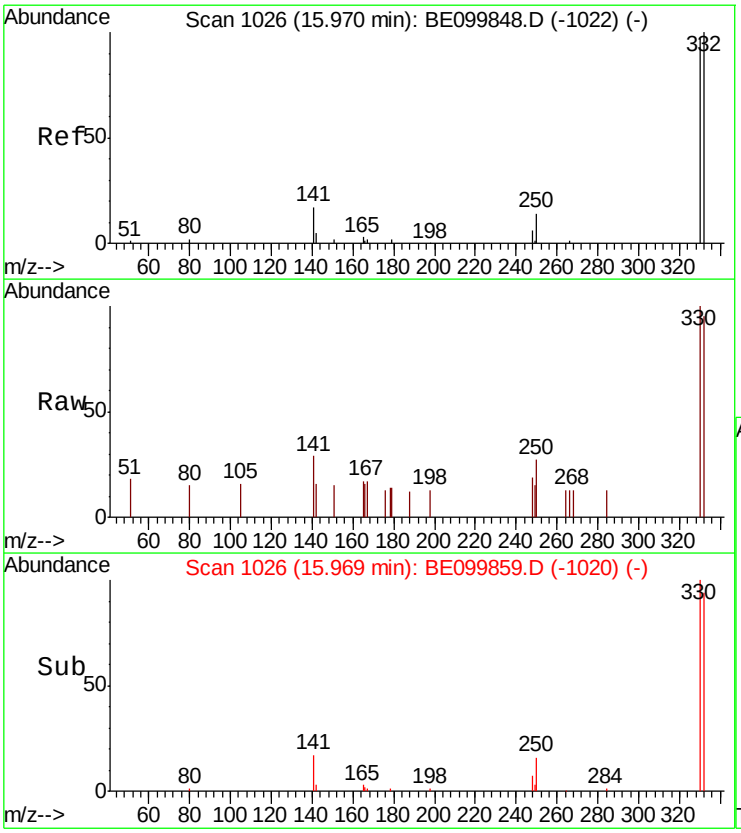
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:164 Resp: 2156

Ion	Ratio	Lower	Upper
164	100		
162	99.2	77.2	115.8
160	49.8	39.4	59.2

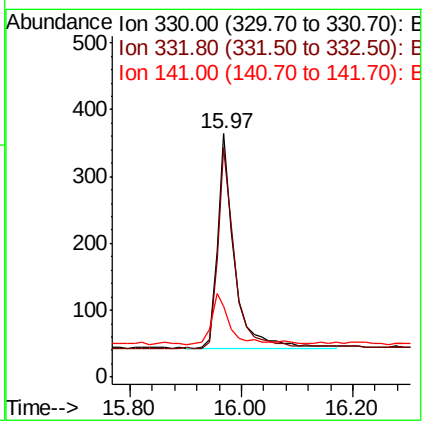


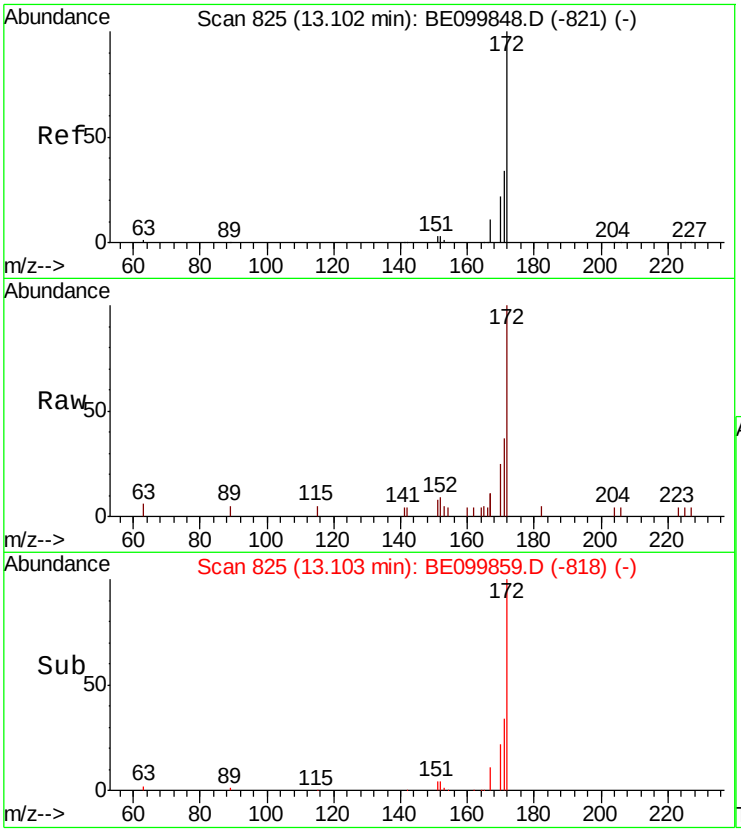


#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:330 Resp: 701

Ion	Ratio	Lower	Upper
330	100		
332	90.6	74.9	112.3
141	24.1	16.0	24.0#



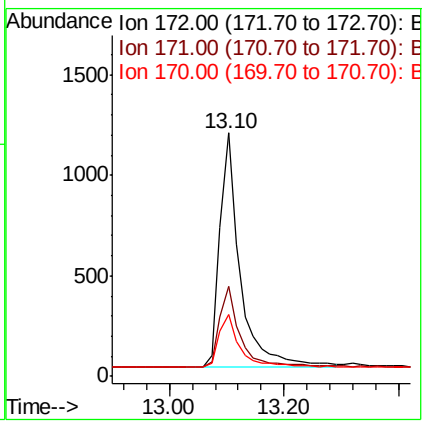


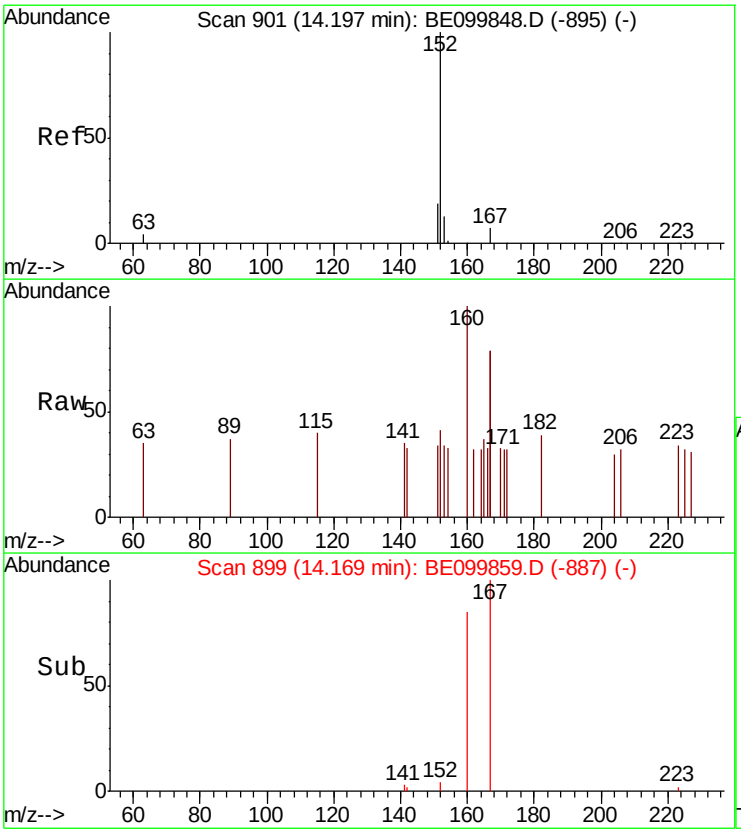
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:172 Resp: 2892

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.2	45.4
170	25.4	20.1	30.1

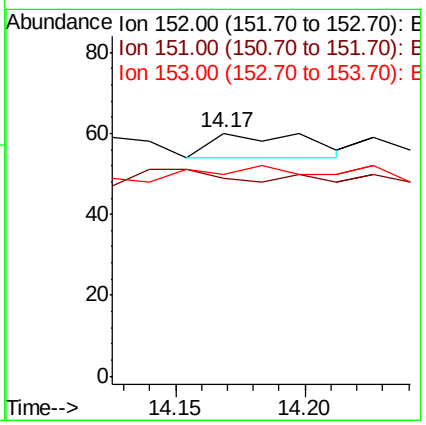


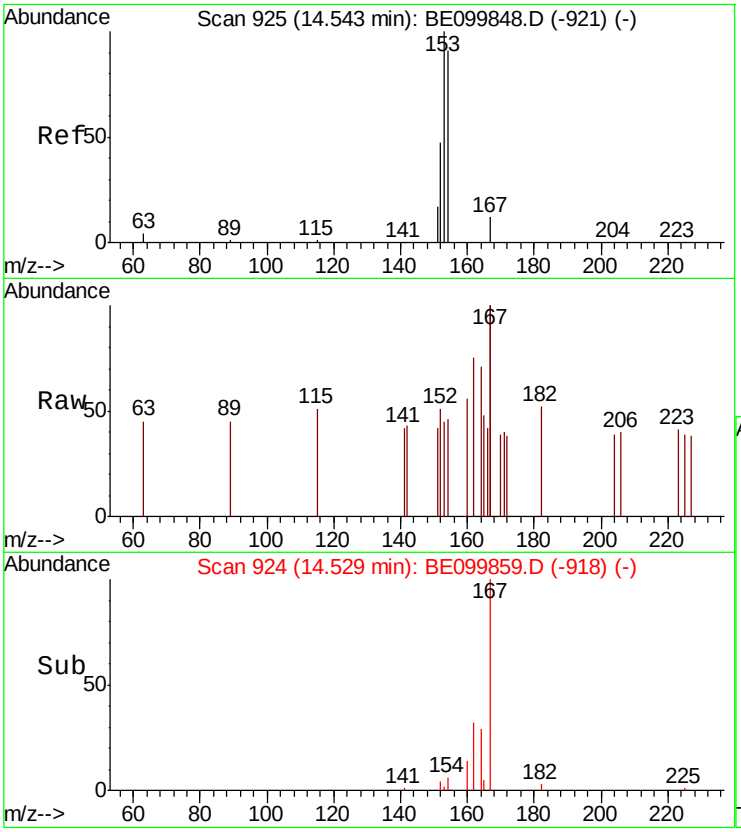


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:152 Resp: 16

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



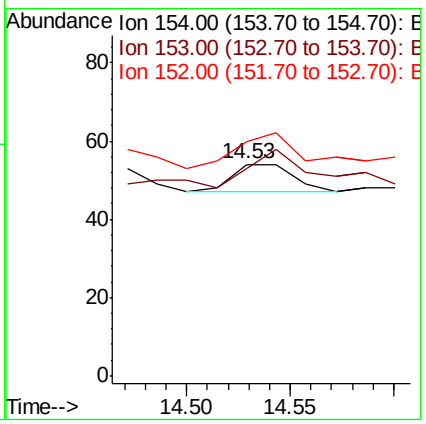


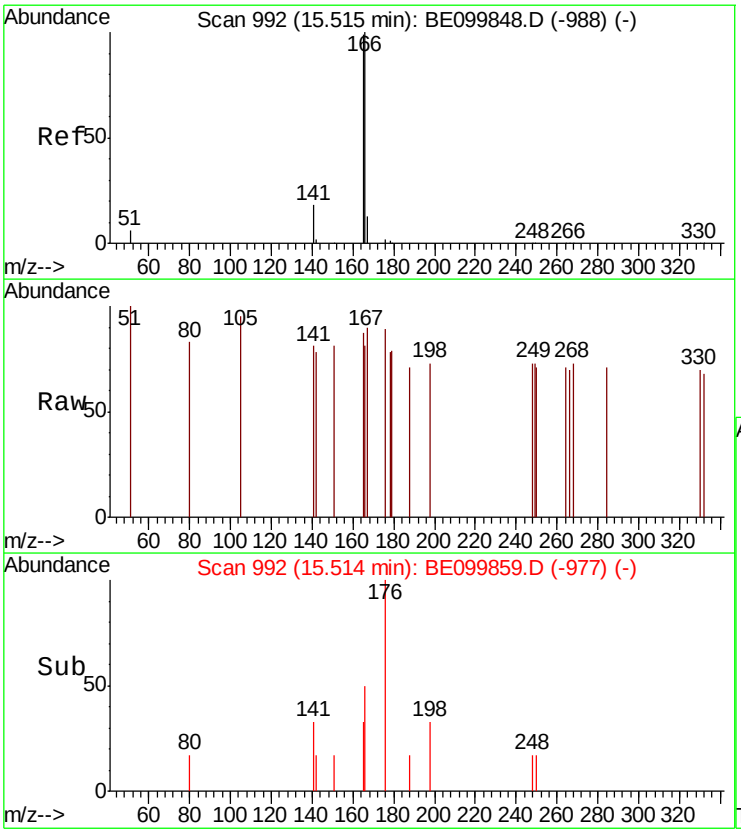
#17
Acenaphthene
Concen: 0.003 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:154 Resp: 15

Ion	Ratio	Lower	Upper
154	100		
153	66.7	93.8	140.6#
152	146.7	48.3	72.5#

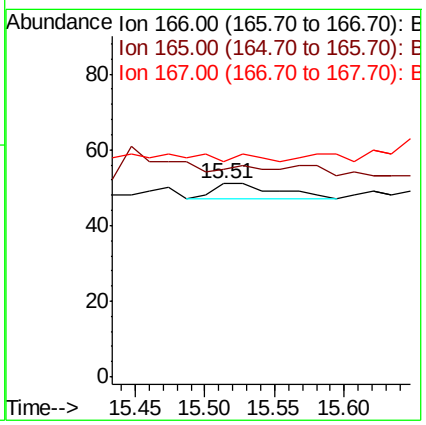


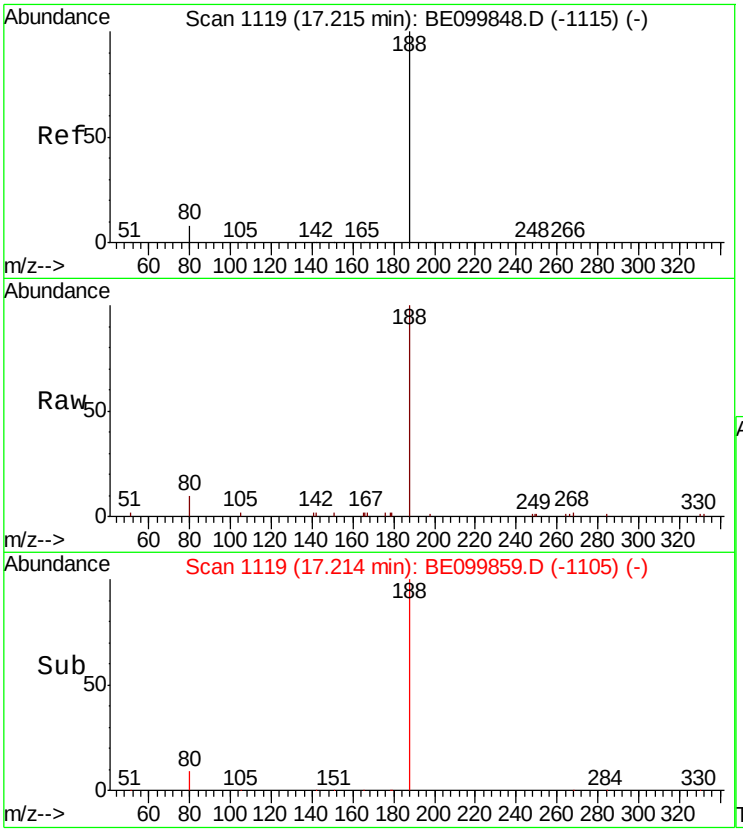


#18
Fluorene
Concen: 0.001 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:166 Resp: 13

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



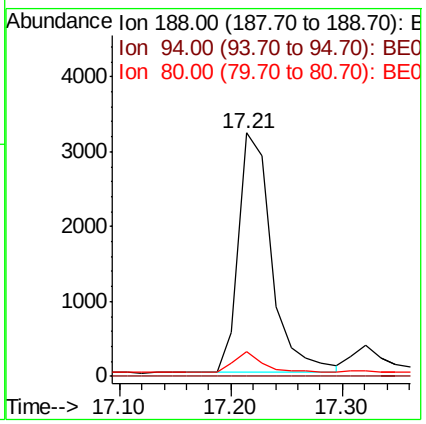


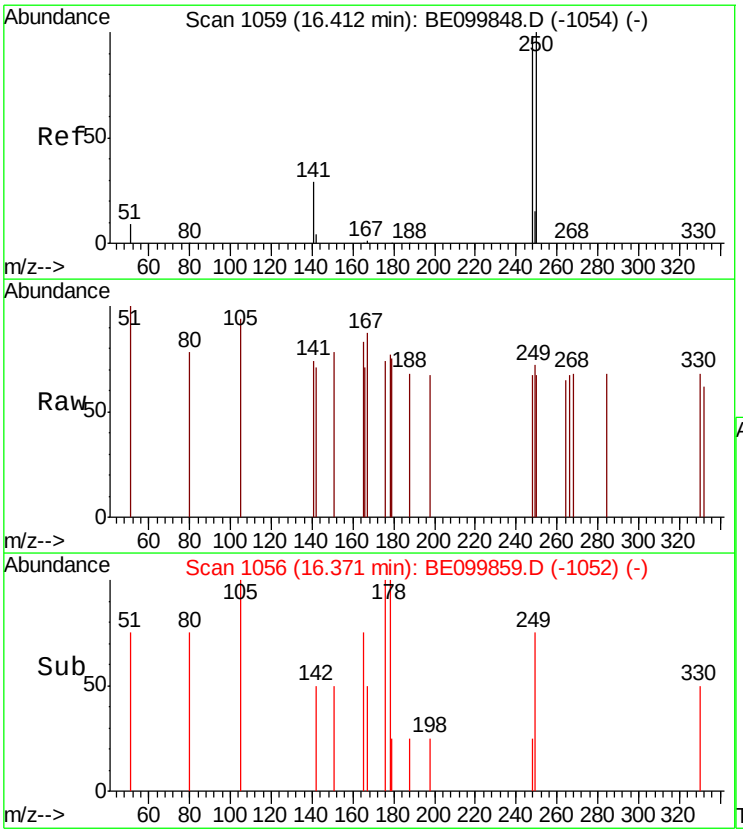
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:188 Resp: 6668

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	5.2	7.8#

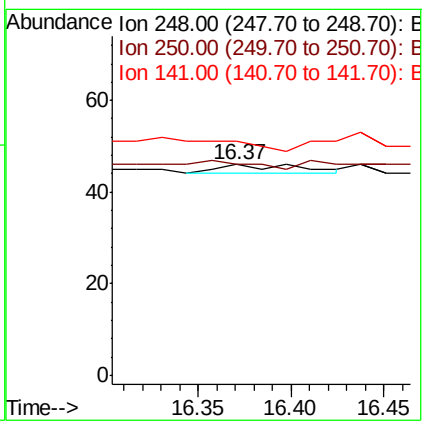


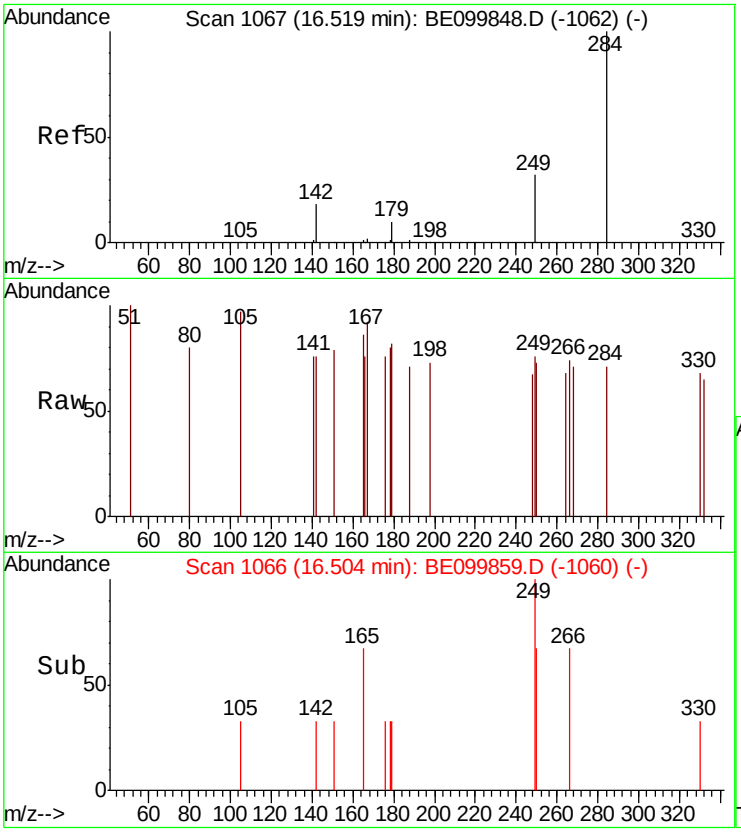


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.37 min Scan# 1056
Delta R.T. -0.04 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	100.0	73.7	110.5
141	110.9	40.9	61.3#



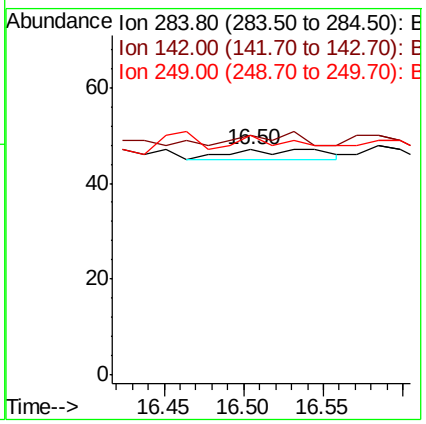


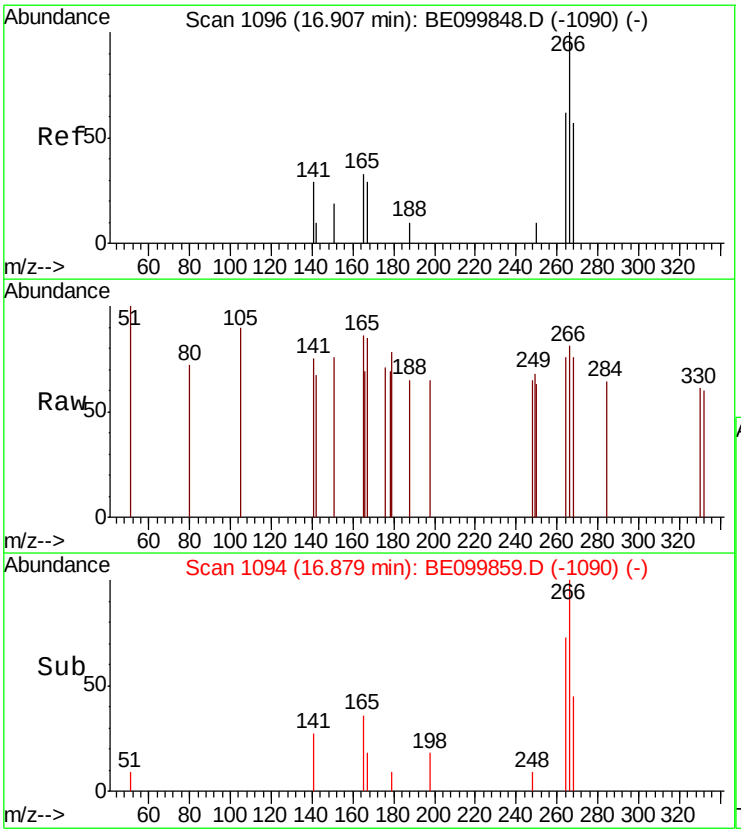
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:284 Resp: 8

Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.4#
249	50.0	23.1	34.7#

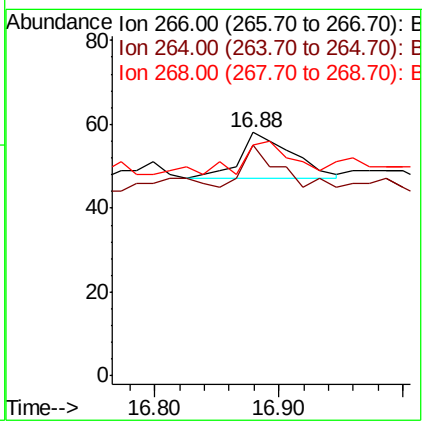


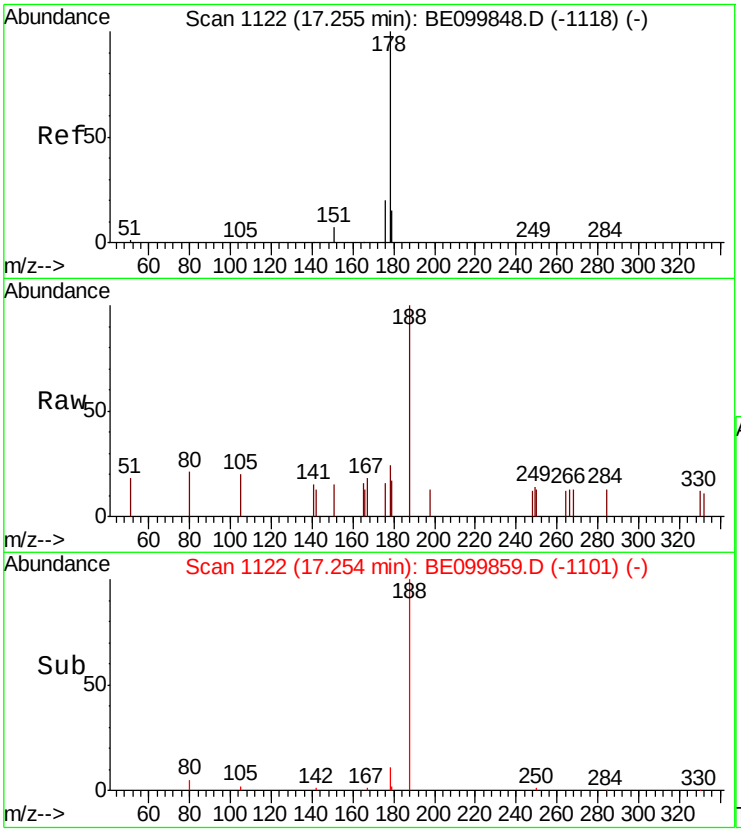


#22
Pentachlorophenol
Concen: 0.253 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
264	94.8	64.9	97.3
268	94.8	64.0	96.0



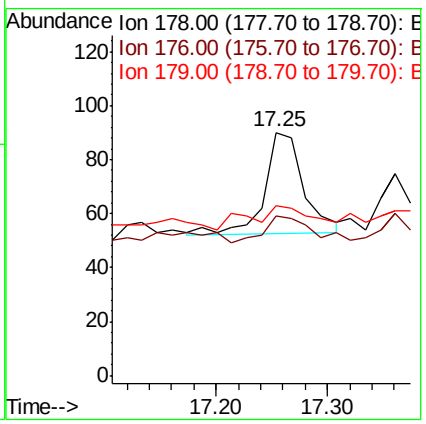


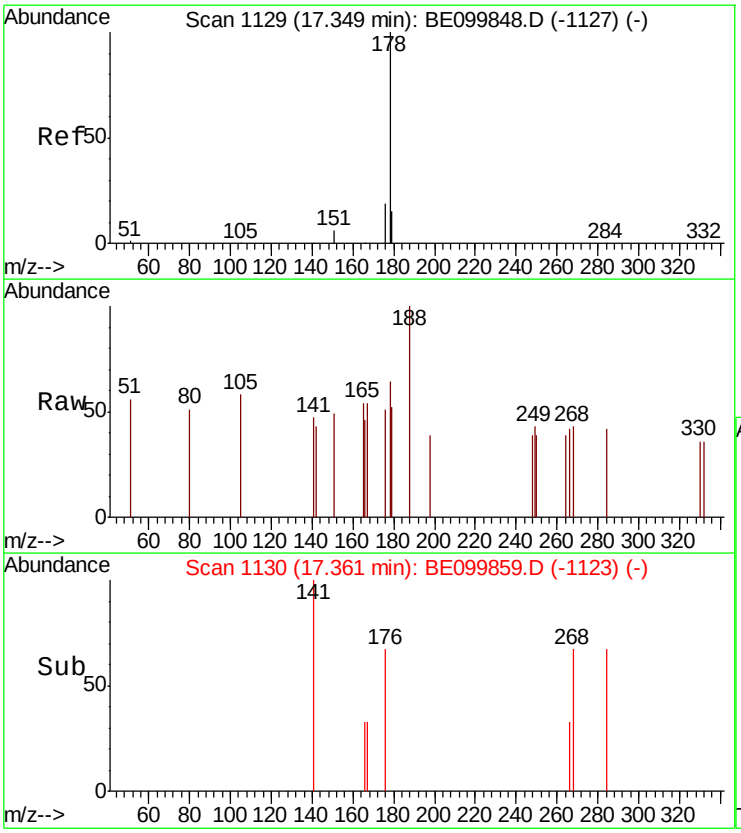
#23
Phenanthrene
Concen: 0.006 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:178 Resp: 93

Ion	Ratio	Lower	Upper
178	100		
176	33.3	15.4	23.0#
179	37.6	12.5	18.7#

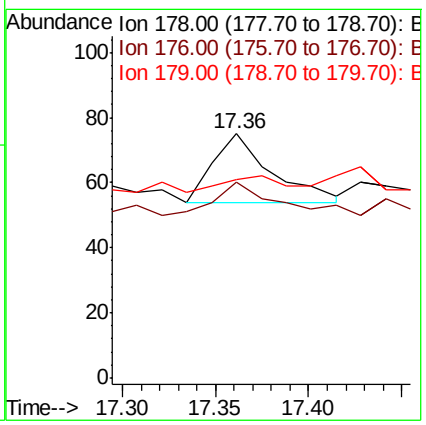


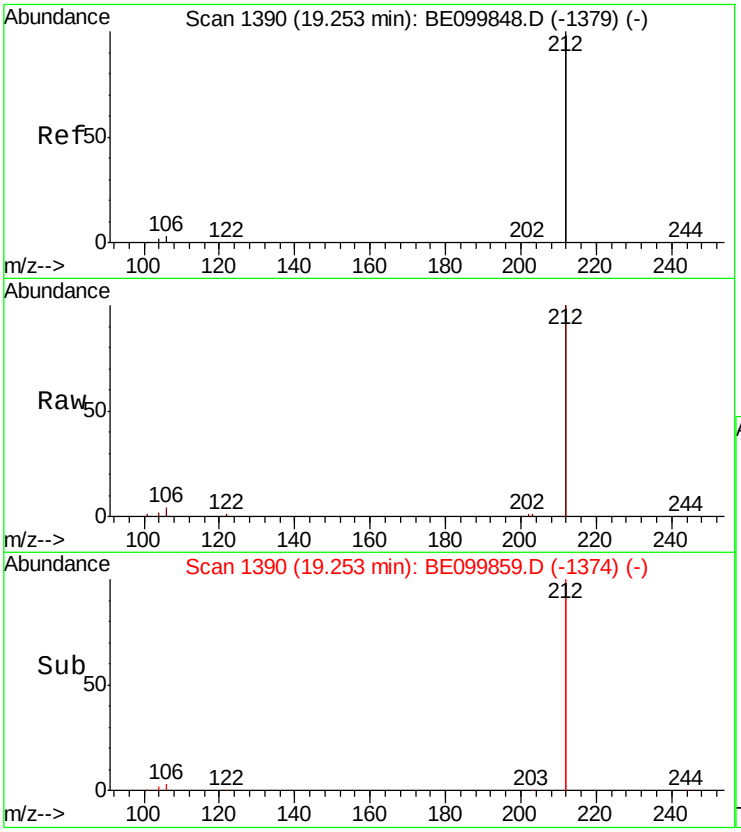


#24
Anthracene
Concen: 0.003 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:178 Resp: 46

Ion	Ratio	Lower	Upper
178	100		
176	50.0	15.1	22.7#
179	21.7	12.1	18.1#



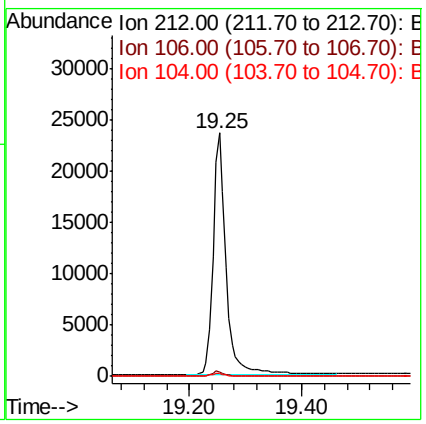


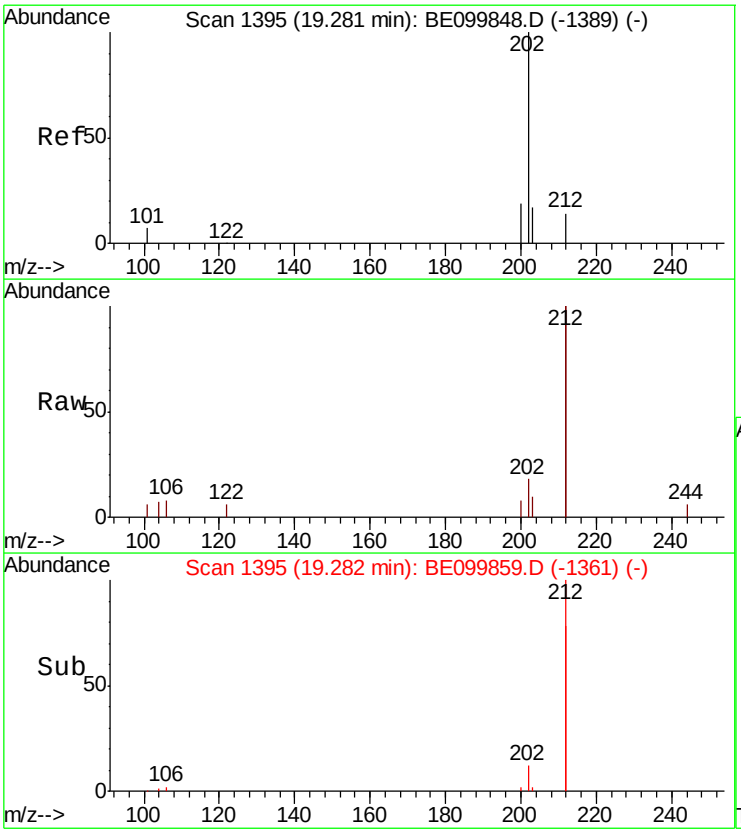
#25
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:212 Resp: 37140

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

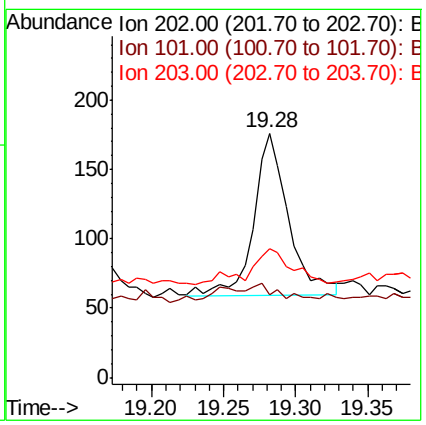


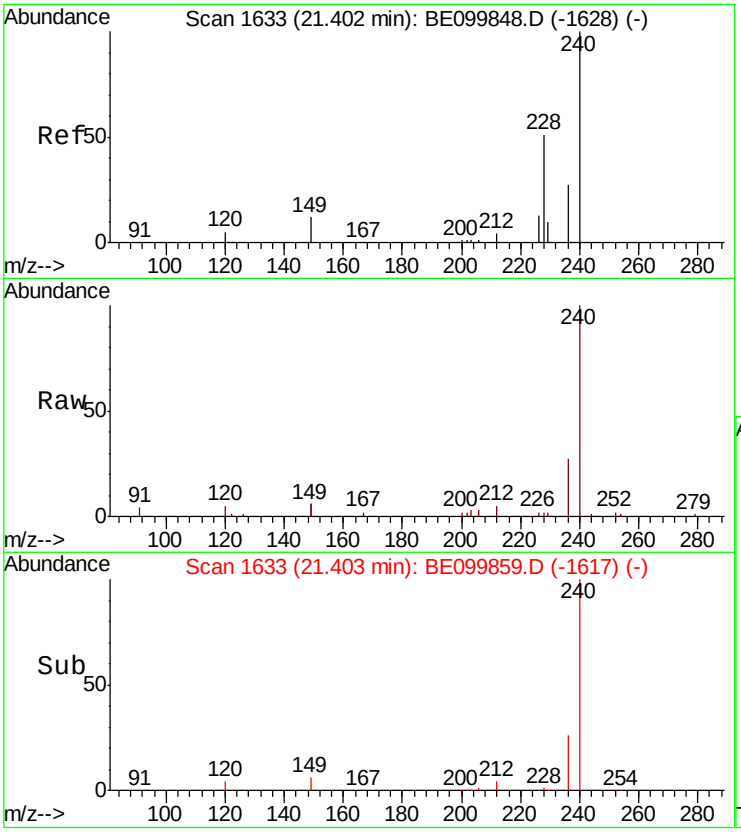


#26
Fluoranthene
Concen: 0.007 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:202 Resp: 197

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.2	7.8
203	20.8	13.6	20.4#



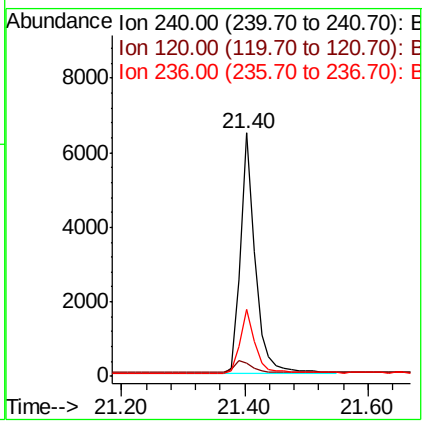


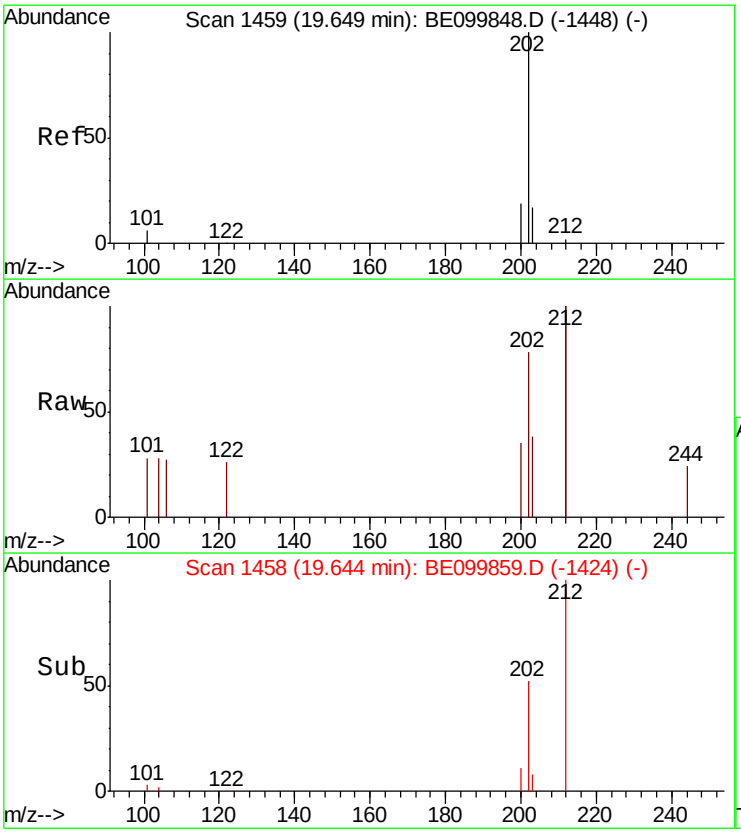
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:240 Resp: 10635

Ion	Ratio	Lower	Upper
240	100		
120	5.3	2.8	4.2#
236	27.5	20.9	31.3

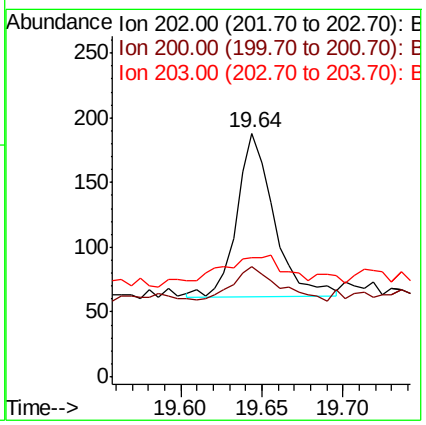


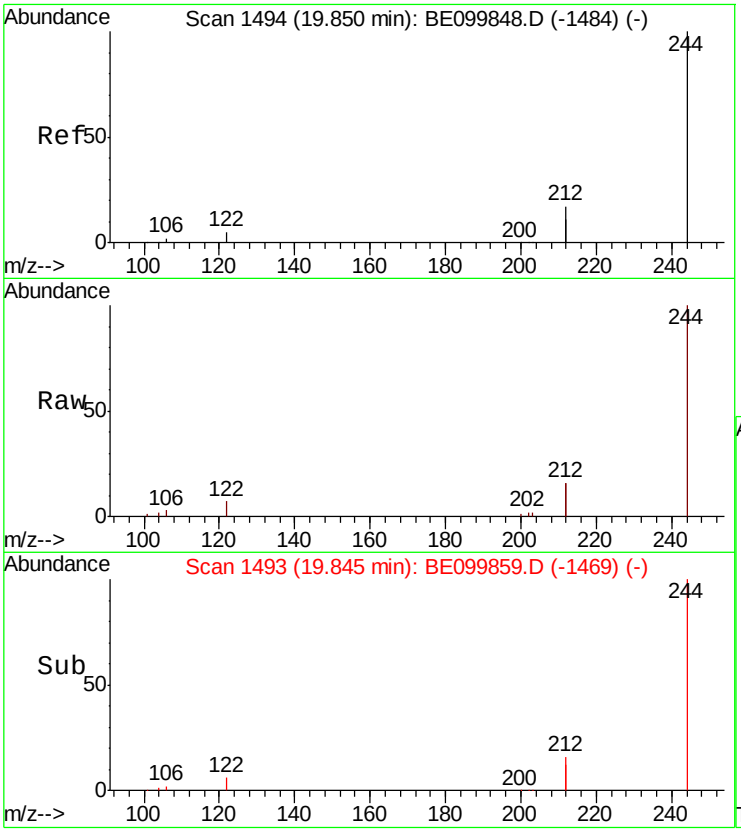


#28
Pyrene
Concen: 0.007 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:202 Resp: 200

Ion	Ratio	Lower	Upper
202	100		
200	26.0	15.6	23.4#
203	36.5	14.1	21.1#



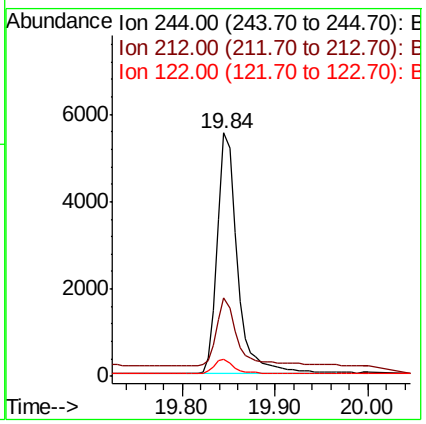


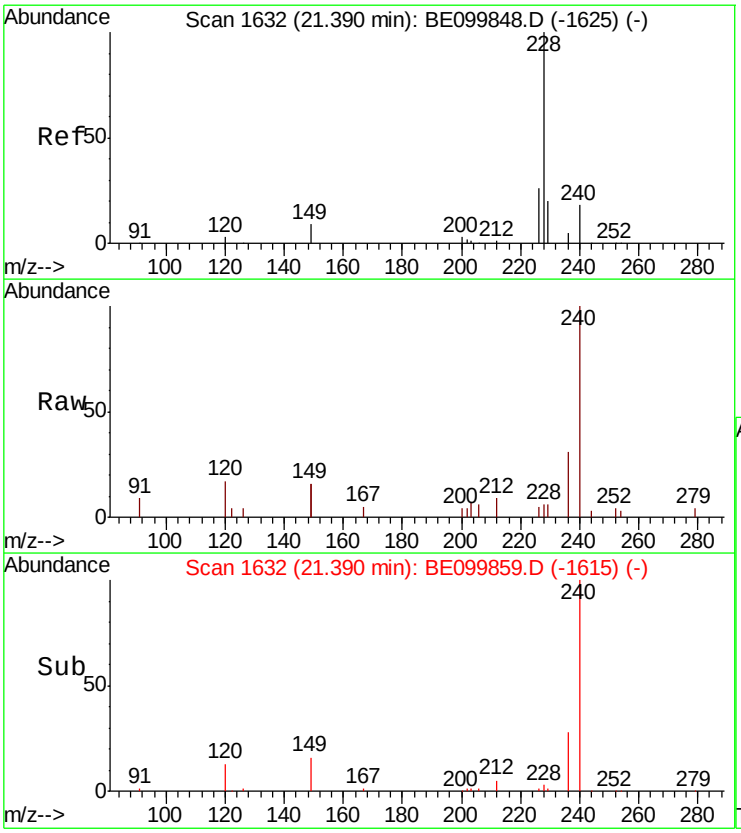
#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:244 Resp: 8357

Ion	Ratio	Lower	Upper
244	100		
212	32.3	23.7	35.5
122	7.2	4.8	7.2

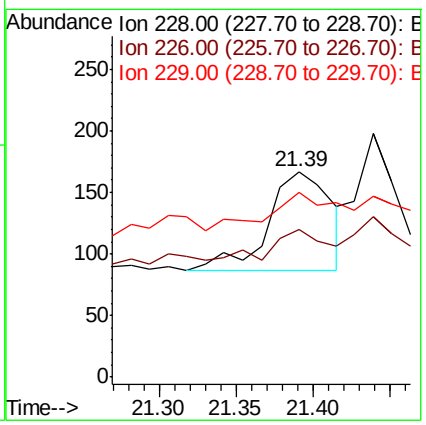


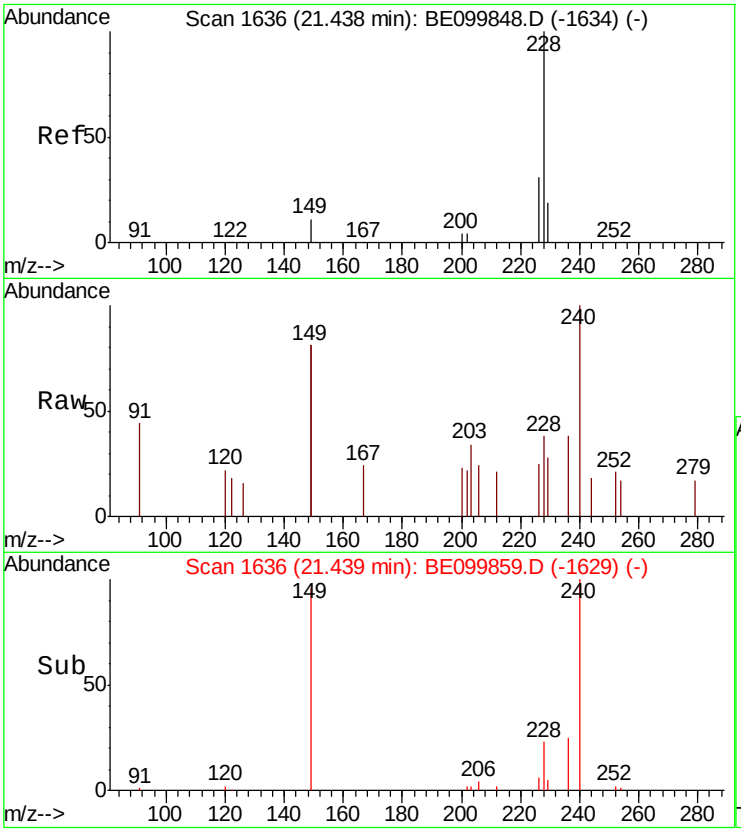


#30
Benzo(a)anthracene
Concen: 0.007 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:228 Resp: 228

Ion	Ratio	Lower	Upper
228	100		
226	71.9	21.6	32.4#
229	89.8	15.8	23.6#



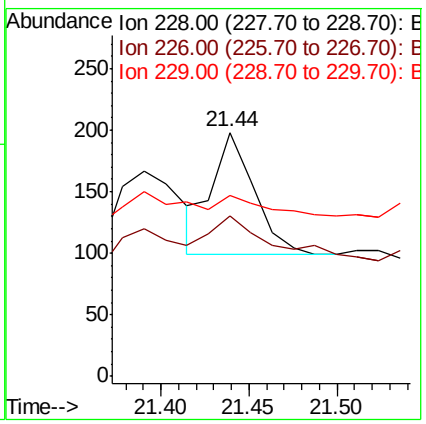


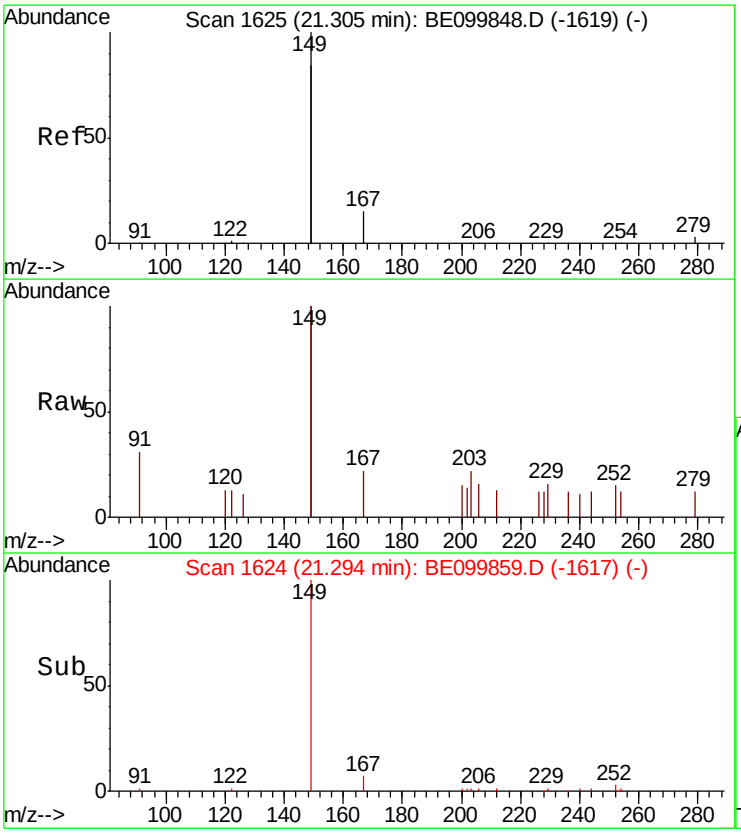
#31
Chrysene
Concen: 0.005 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:228 Resp: 164

Ion	Ratio	Lower	Upper
228	100		
226	65.7	22.9	34.3#
229	74.2	16.4	24.6#

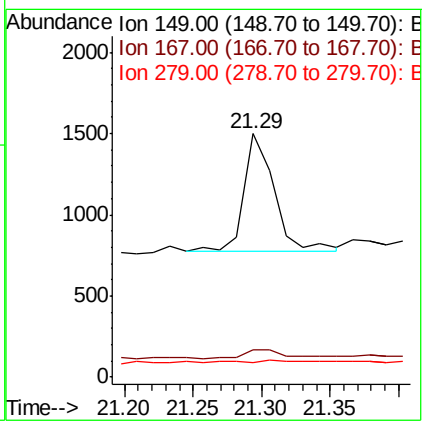


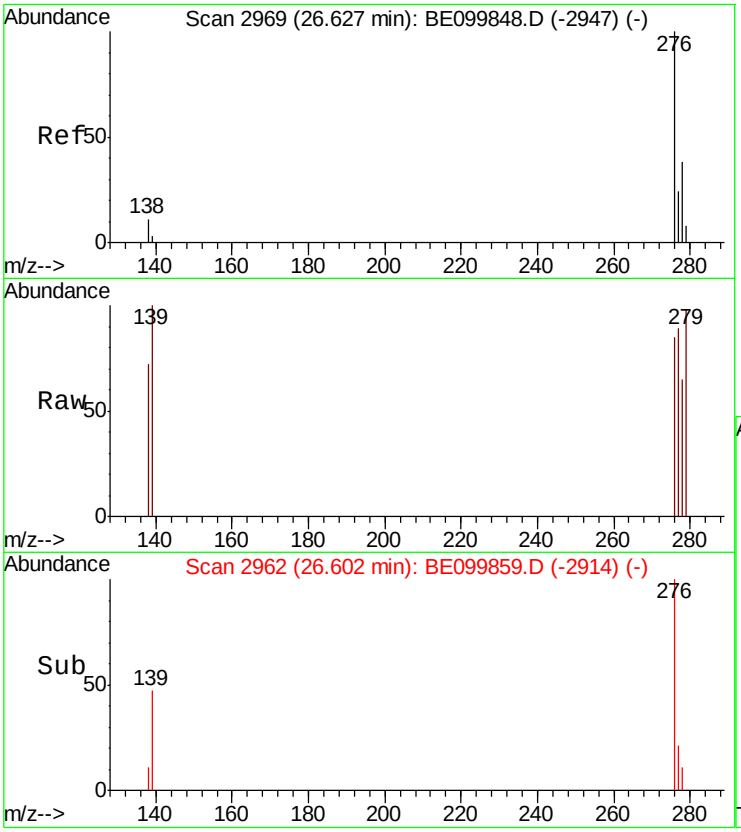


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.020 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:149 Resp: 1121

Ion	Ratio	Lower	Upper
149	100		
167	11.6	6.0	9.0#
279	2.3	1.2	1.8#



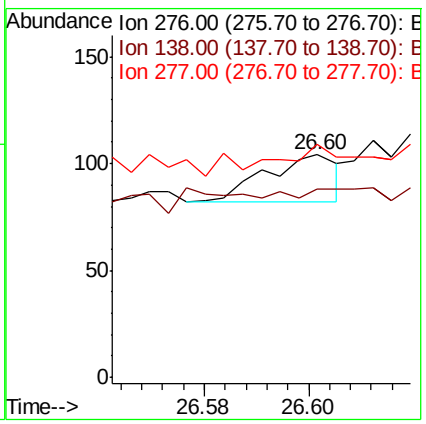


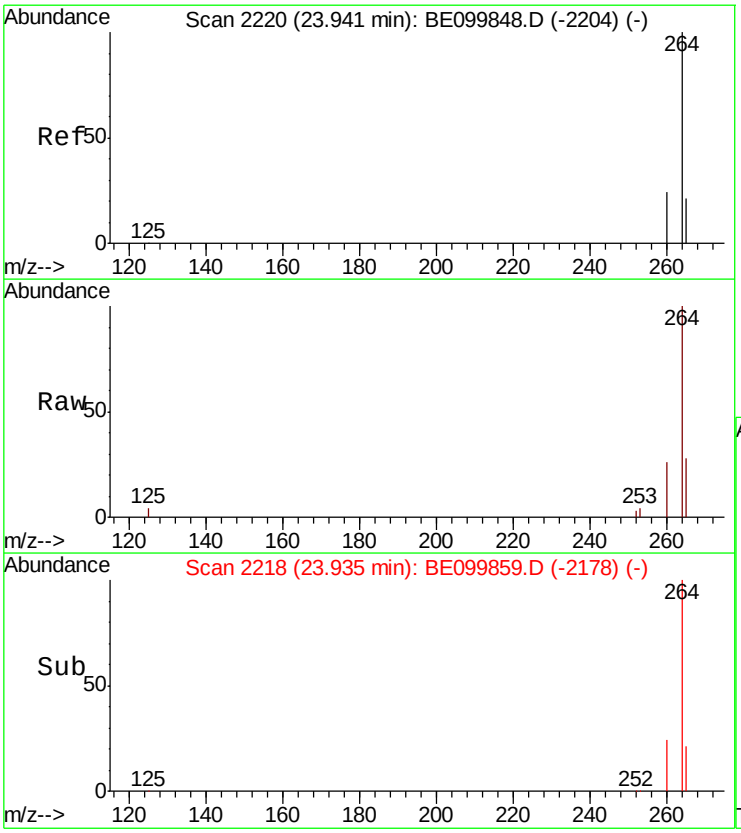
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.60 min Scan# 2962
Delta R.T. -0.03 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:276 Resp: 21

Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.3	15.5#
277	14.3	19.4	29.2#

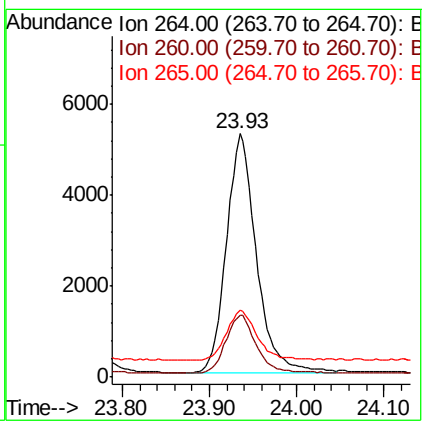


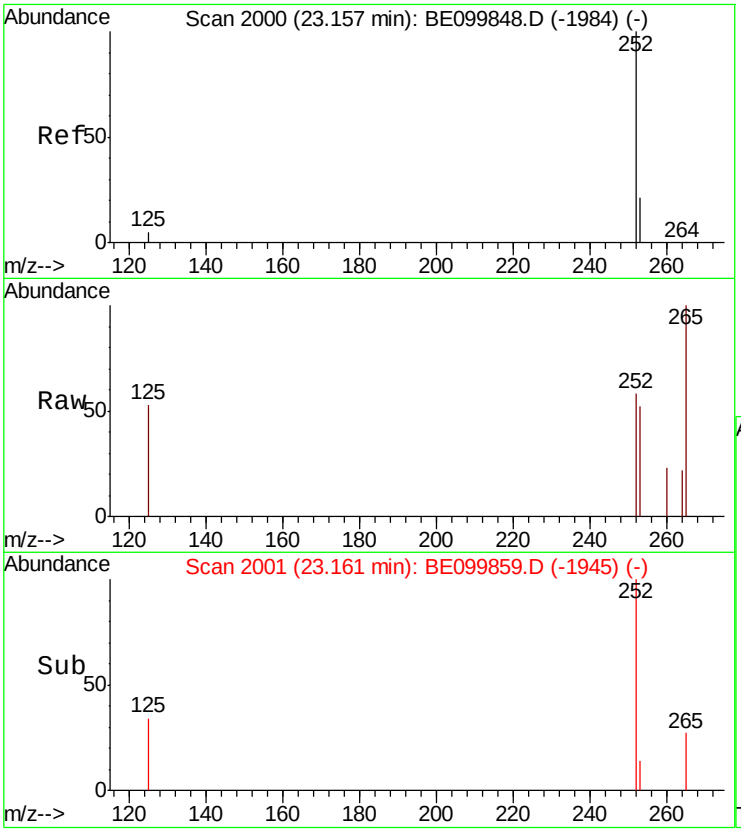


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:264 Resp: 12566

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	27.7	20.7	31.1



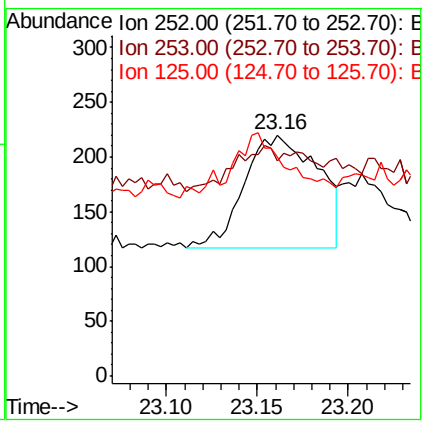


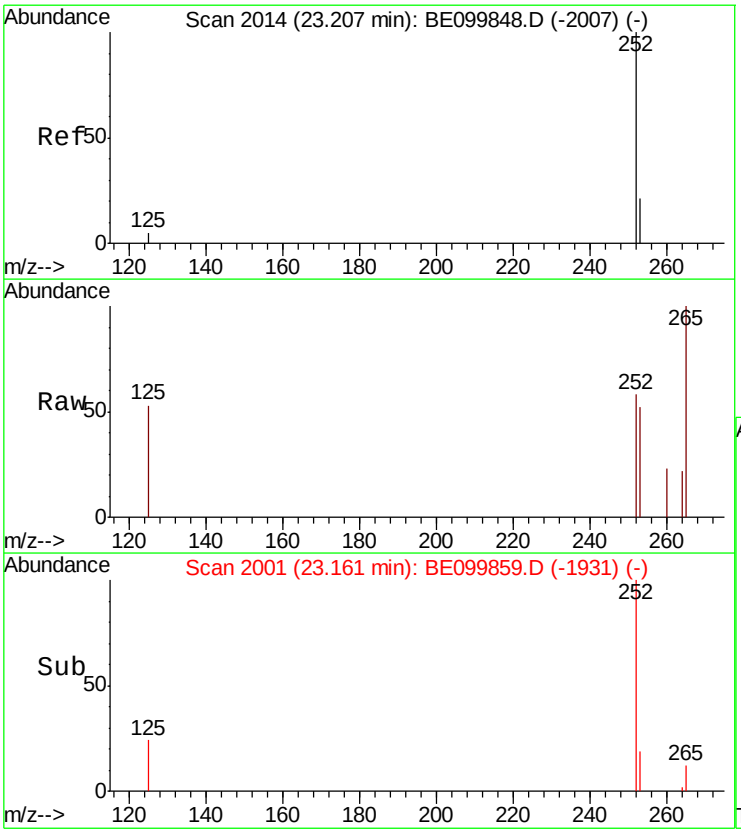
#35
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 23.16 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:252 Resp: 290

Ion	Ratio	Lower	Upper
252	100		
253	89.5	18.9	28.3#
125	90.9	7.6	11.4#

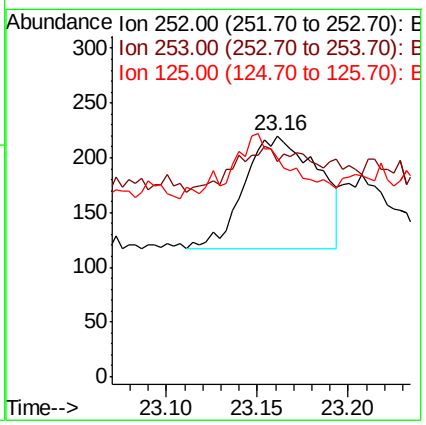


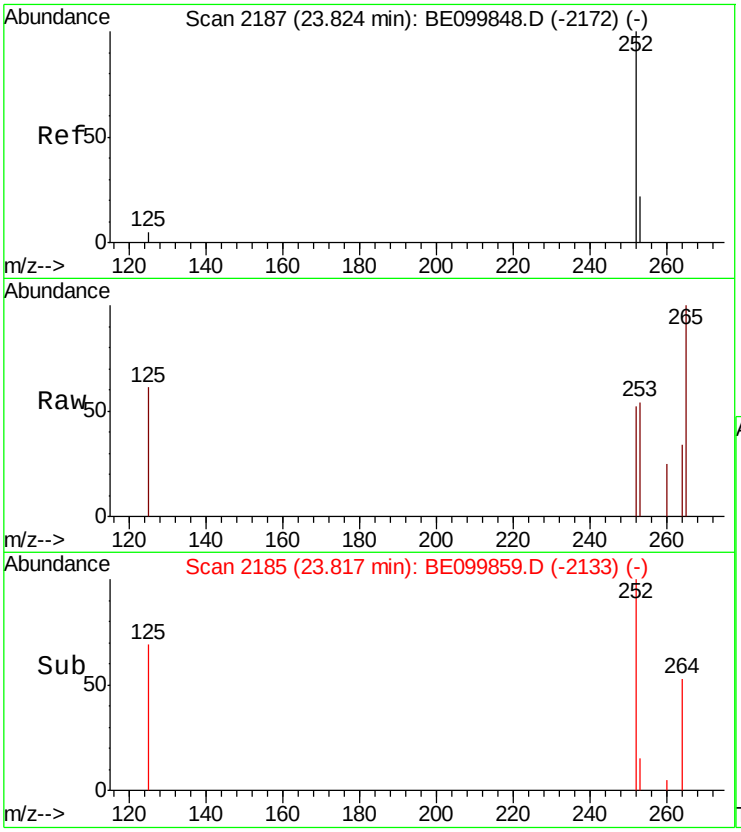


#36
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.05 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:252 Resp: 290

Ion	Ratio	Lower	Upper
252	100		
253	89.5	18.4	27.6#
125	90.9	4.6	7.0#



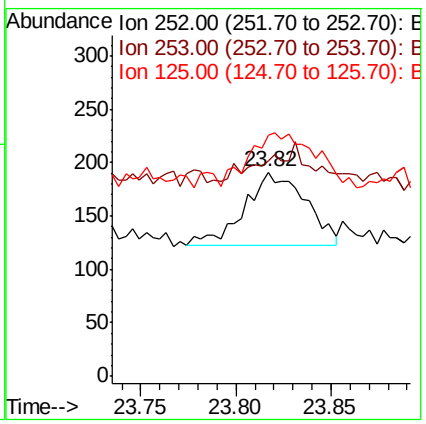


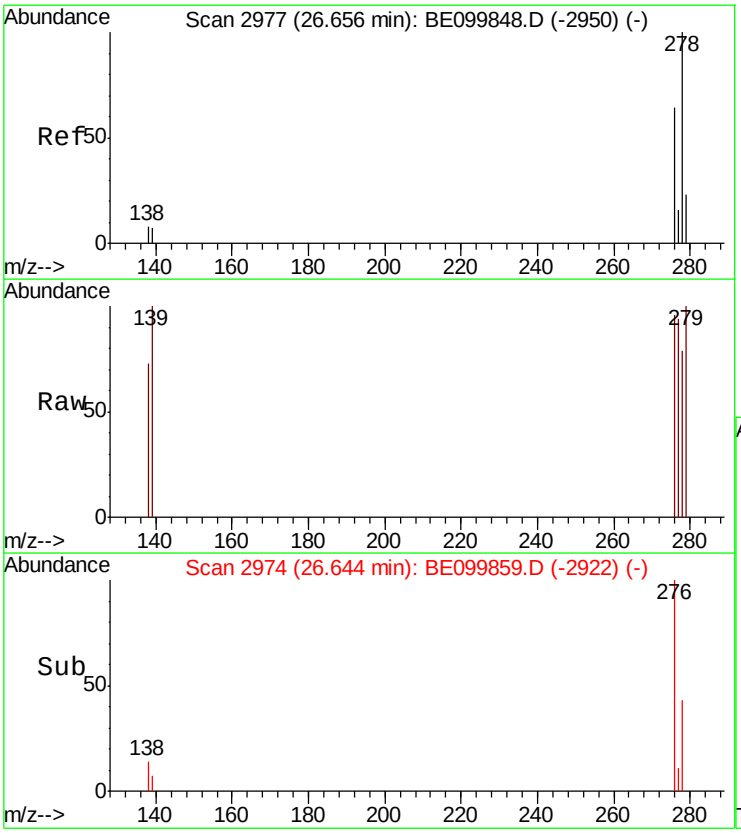
#37
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.82 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:252 Resp: 155

Ion	Ratio	Lower	Upper
252	100		
253	105.2	19.3	28.9#
125	117.8	10.2	15.4#

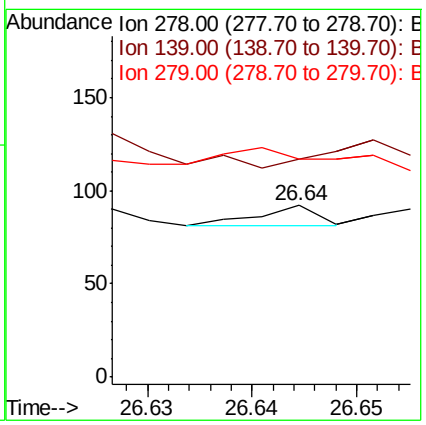


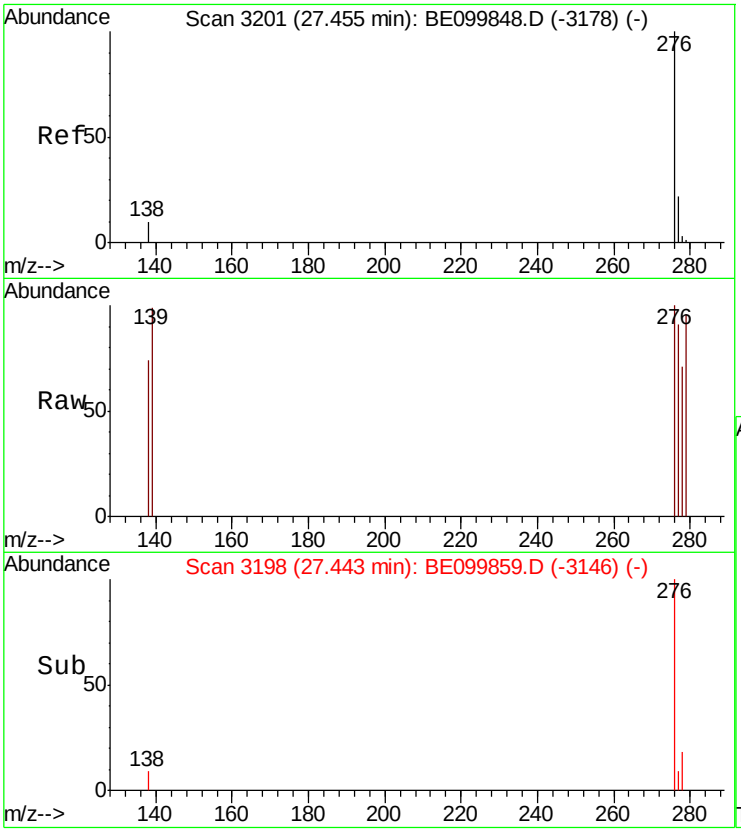


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.64 min Scan# 2974
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	127.2	7.9	11.9#
279	127.2	18.5	27.7#





#39
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 27.44 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:276 Resp: 60

Ion	Ratio	Lower	Upper
276	100		
277	91.5	19.6	29.4#
138	73.5	9.0	13.4#