Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099858.D
Acq On : 7 Jun 2019 18:29
Operator : JU/SJ
Sample : K3221-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPS1-TT-MW301D-20190605

Quant Time: Jun 08 04:32:11 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	647	0.40	ng		-0.01
7) Naphthalene-d8	10.61	136	2243	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	1736	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	5922	0.40	ng		-0.01
27) Chrysene-d12	21.40	240	10331	0.40	ng		-0.01
34) Perylene-d12	23.94	264	12533	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	311	0.14	ng		0.00
5) Phenol-d6	6.96	99	233	0.09	ng		0.00
8) Nitrobenzene-d5	8.98	82	765	0.34	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	1357	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	591	0.34	ng		-0.01
15) 2-Fluorobiphenyl	13.10	172	2268	0.36	ng		0.00
25) Fluoranthene-d10	19.25	212	33799	0.37	ng		0.00
29) Terphenyl-d14	19.85	244	7875	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	191	0.199	ng	#	69
3) n-Nitrosodimethylamine	3.61	42	15	0.024	ng	#	1
6) bis(2-Chloroethyl)ether	7.25	93	5	0.003	ng	#	1
9) Naphthalene	10.65	128	95	0.004	ng	#	45
10) Hexachlorobutadiene	10.90	225	8	0.004	ng	#	41
12) 2-Methylnaphthalene	12.28	142	15	0.004	ng	#	58
16) Acenaphthylene	14.21	152	14	0.002	ng	#	20
17) Acenaphthene	14.53	154	3	0.001	ng	#	1
18) Fluorene	15.54	166	22	0.003	ng	#	1
20) 4-Bromophenyl-phenylether	16.40	248	2	0.001	ng	#	67
21) Hexachlorobenzene	16.49	284	10	0.003	ng	#	24
22) Pentachlorophenol	16.89	266	59	0.278	ng		89
23) Phenanthrene	17.27	178	96	0.007	ng	#	65
24) Anthracene	17.36	178	27	0.002	ng	#	45
26) Fluoranthene	19.28	202	324	0.013	ng		99
28) Pyrene	19.64	202	212	0.008	ng	#	92
30) Benzo(a)anthracene	21.39	228	213	0.006	ng	#	1
31) Chrysene	21.44	228	210	0.007	ng	#	6
32) Bis(2-ethylhexyl)phthalate	21.29	149	4297	0.080	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.60	276	24	0.001	ng		99
35) Benzo(b)fluoranthene	23.16	252	294	0.008	ng	#	1
36) Benzo(k)fluoranthene	23.16	252	294	0.008	ng	#	1
37) Benzo(a)pyrene	23.82	252	167	0.005	ng	#	1
38) Dibenzo(a,h)anthracene	26.65	278	2	0.000	ng	#	1
39) Benzo(g,h,i)perylene	27.45	276	48	0.001	ng	#	1

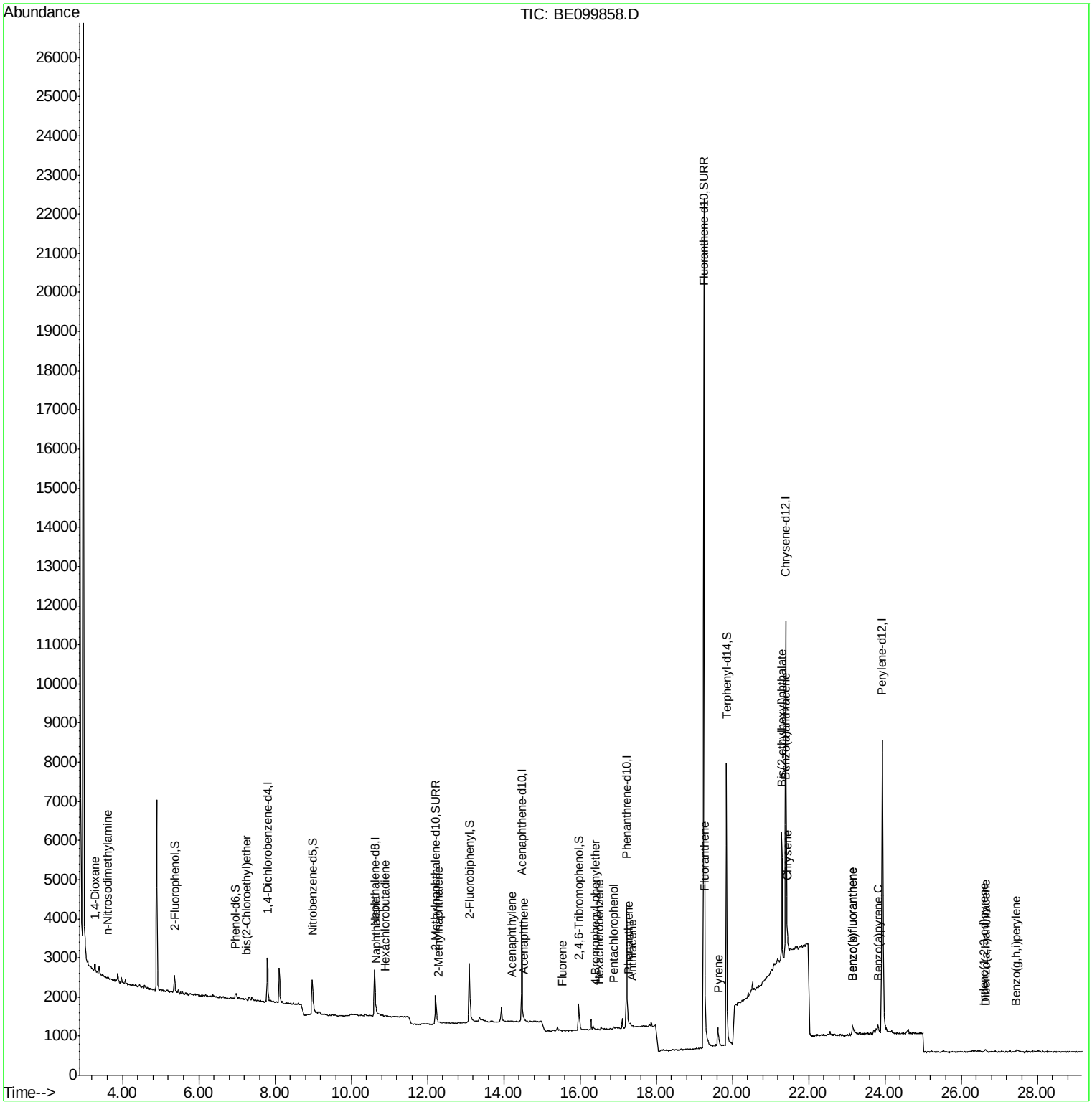
(#) = qualifier out of range (m) = manual integration (+) = signals summed

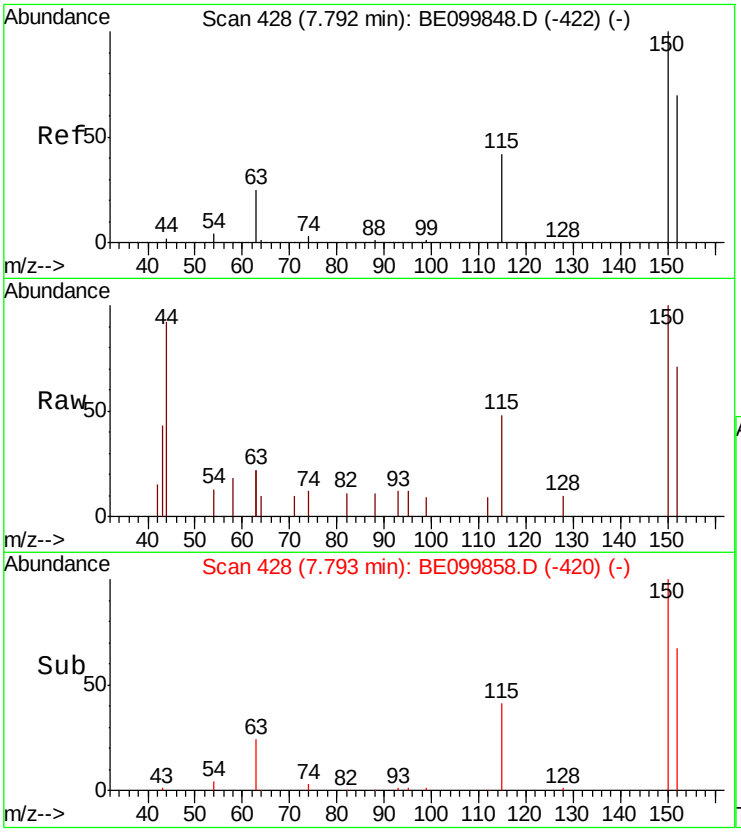
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
Data File : BE099858.D
Acq On : 7 Jun 2019 18:29
Operator : JU/SJ
Sample : K3221-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Quant Time: Jun 08 04:32:11 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



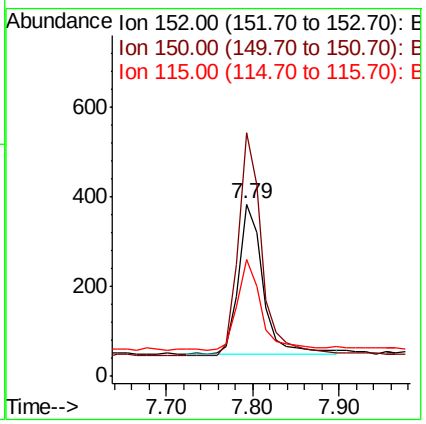


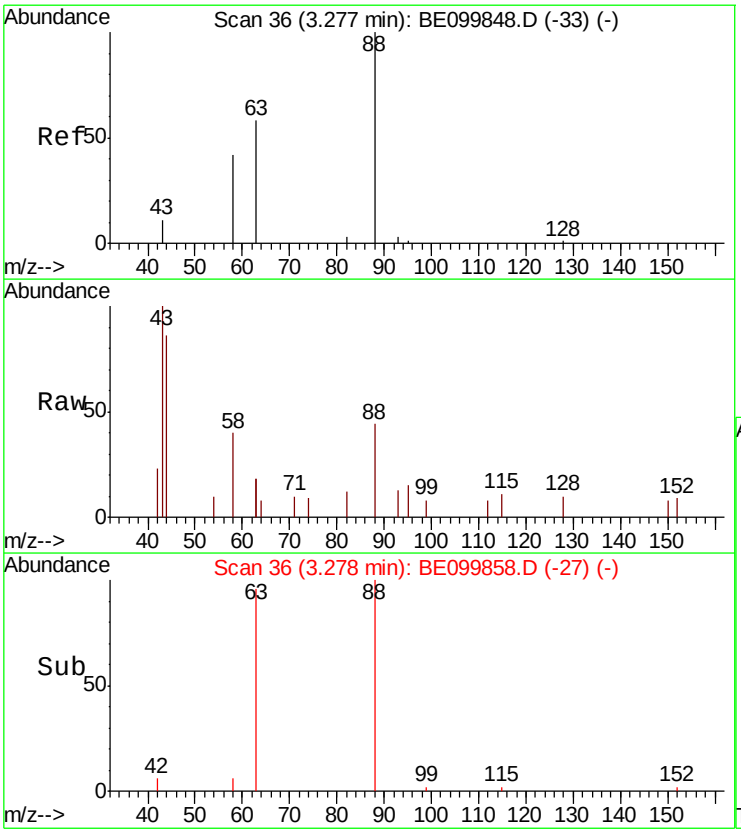
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:152 Resp: 647

Ion	Ratio	Lower	Upper
152	100		
150	141.4	112.8	169.2
115	68.2	47.6	71.4

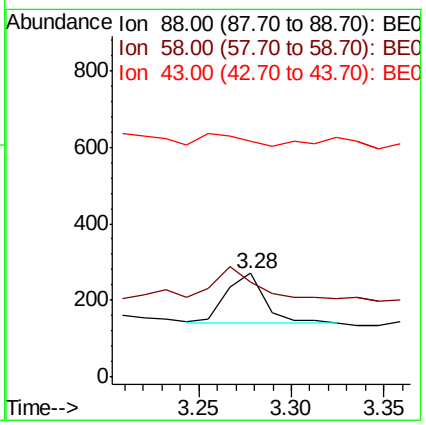


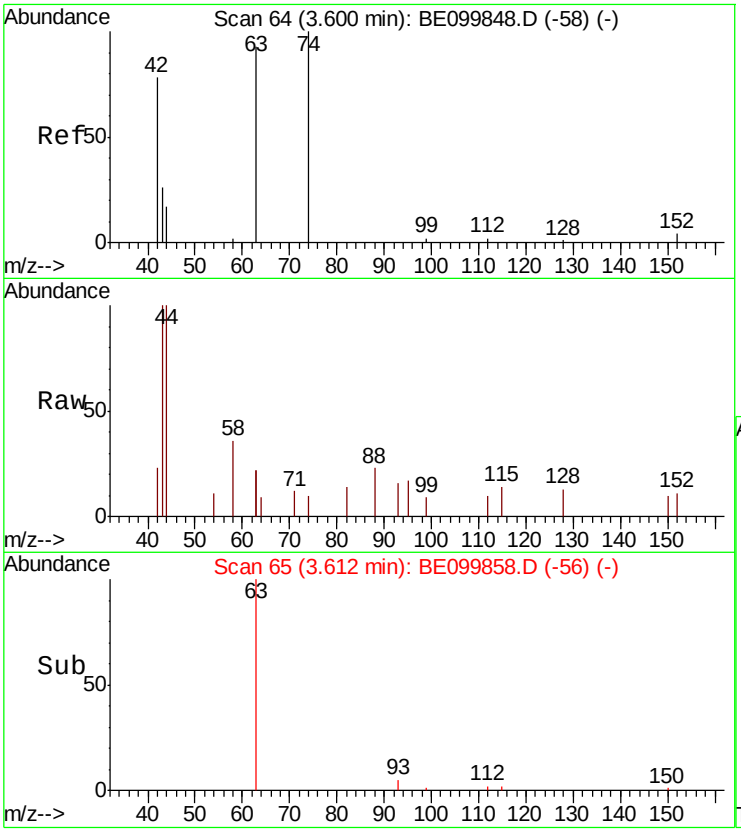


#2
1,4-Dioxane
Concen: 0.199 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion: 88 Resp: 191

Ion	Ratio	Lower	Upper
88	100		
58	77.5	47.3	70.9#
43	0.0	18.2	27.4#



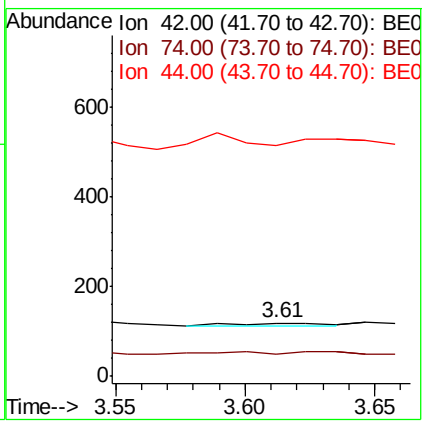


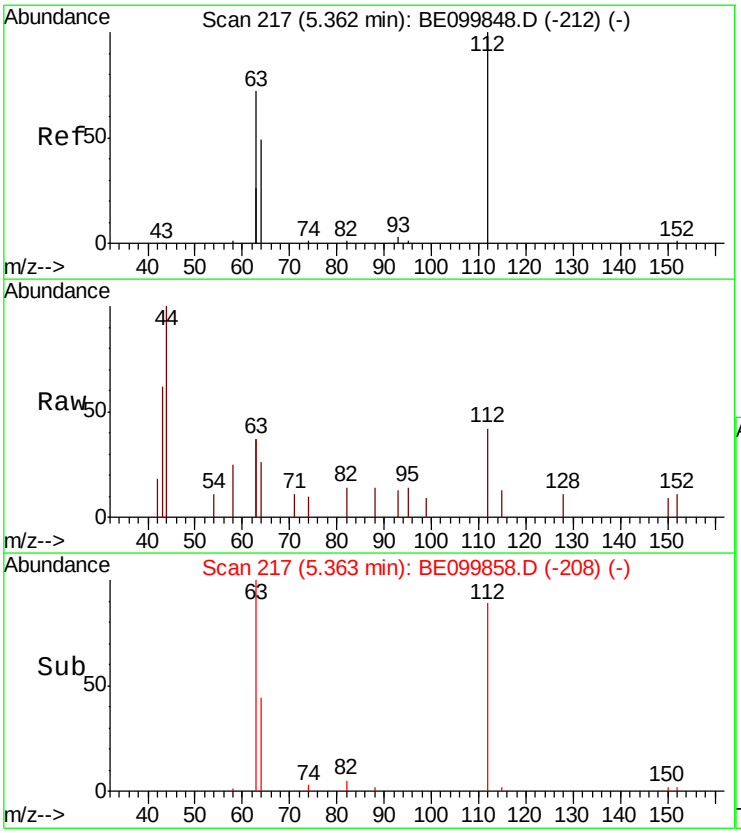
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion: 42 Resp: 15

Ion	Ratio	Lower	Upper
42	100		
74	46.7	132.6	198.8#
44	233.3	13.4	20.0#

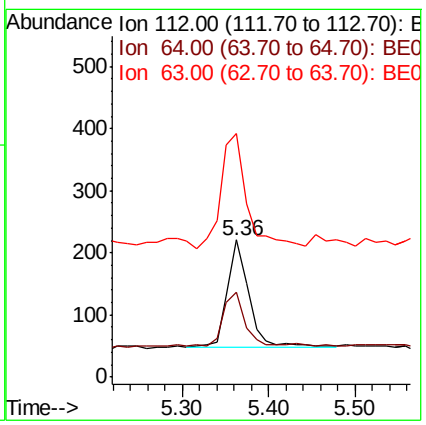


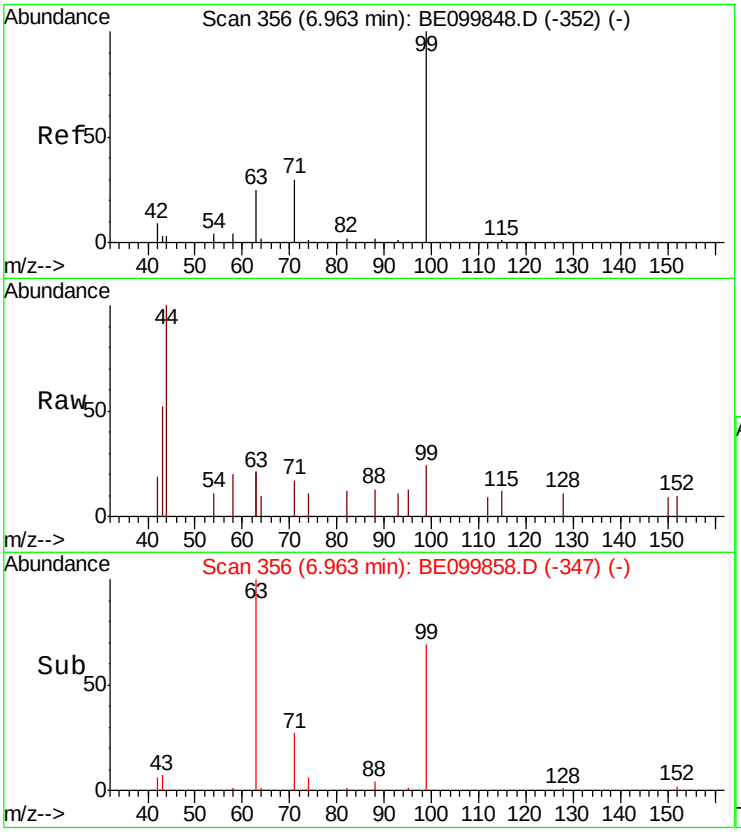


#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:112 Resp: 311

Ion	Ratio	Lower	Upper
112	100		
64	47.9	47.2	70.8
63	128.0	90.7	136.1



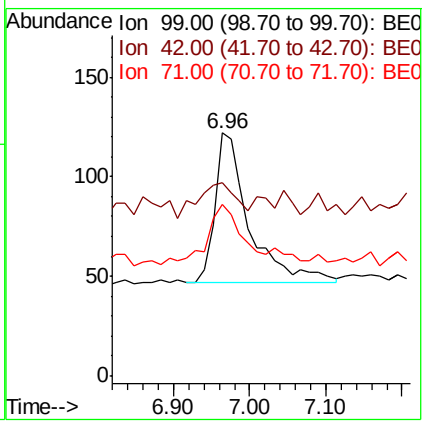


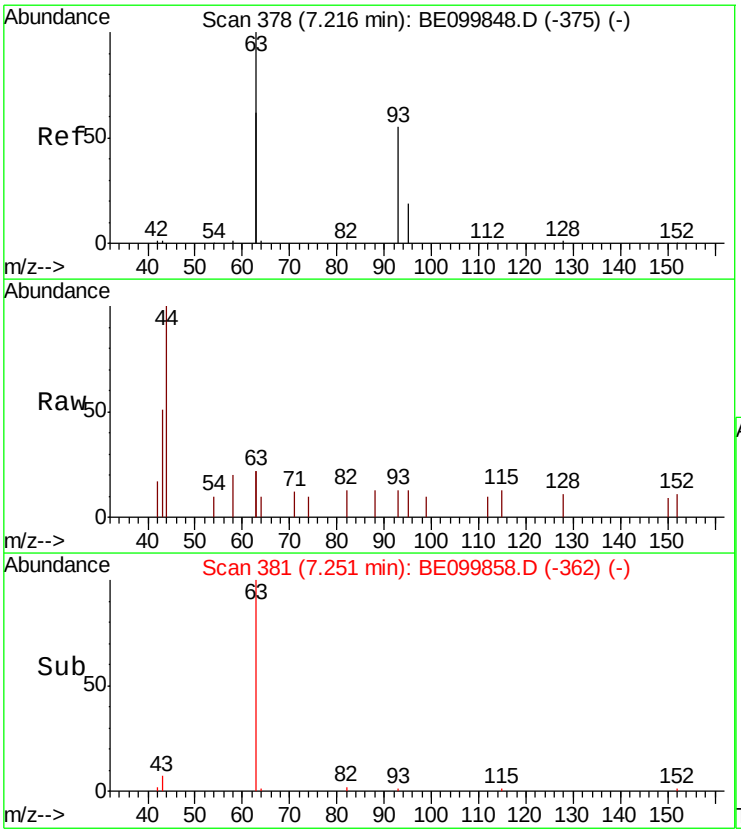
#5
Phenol-d6
Concen: 0.087 ng
RT: 6.96 min Scan# 356
Delta R.T. 0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion: 99 Resp: 233

Ion	Ratio	Lower	Upper
99	100		
42	26.6	11.0	16.4#
71	40.3	26.1	39.1#

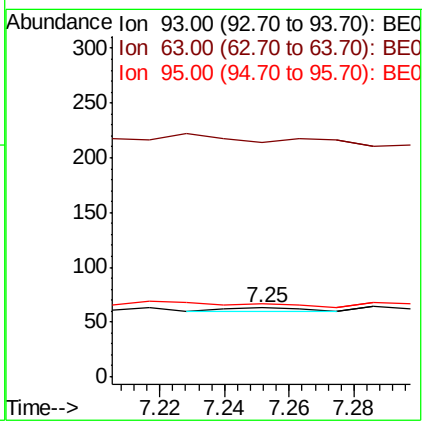


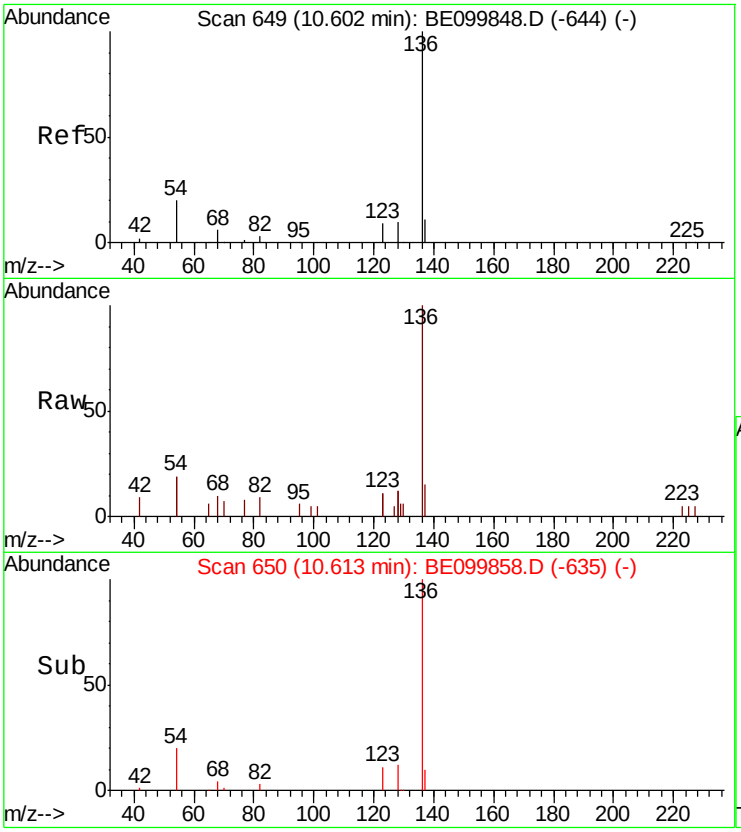


#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.02 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion: 93 Resp: 5

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



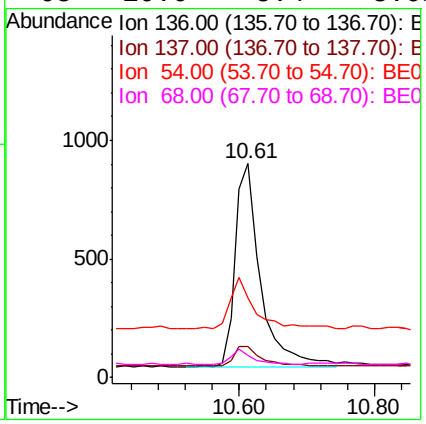


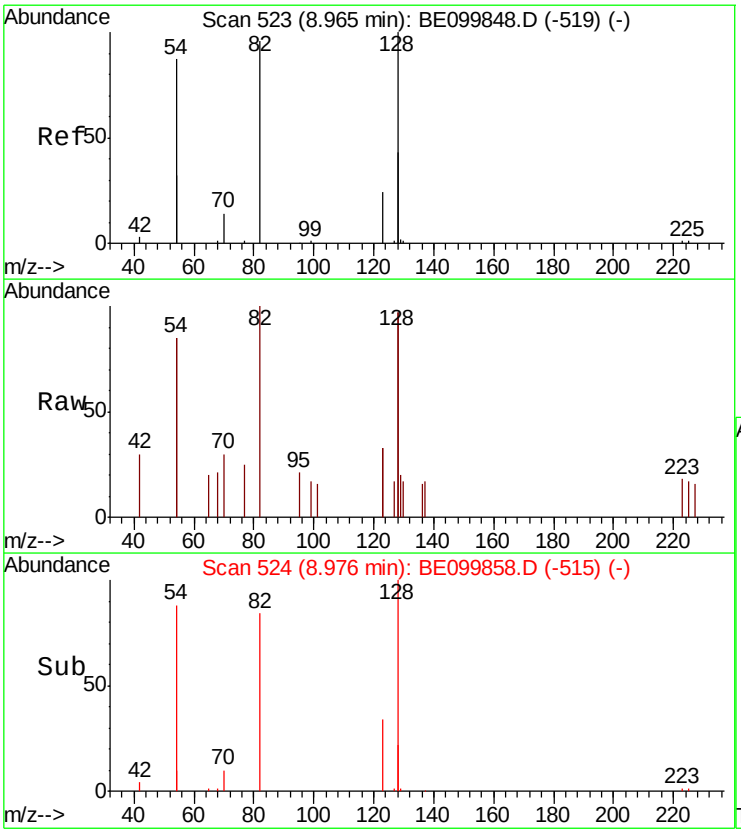
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:136 Resp: 2243

Ion	Ratio	Lower	Upper
136	100		
137	14.6	11.1	16.7
54	37.3	17.9	26.9#
68	10.0	5.4	8.0#

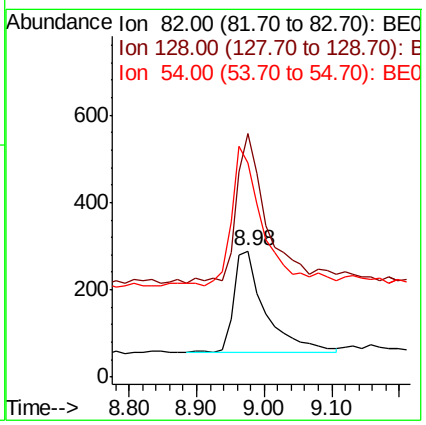


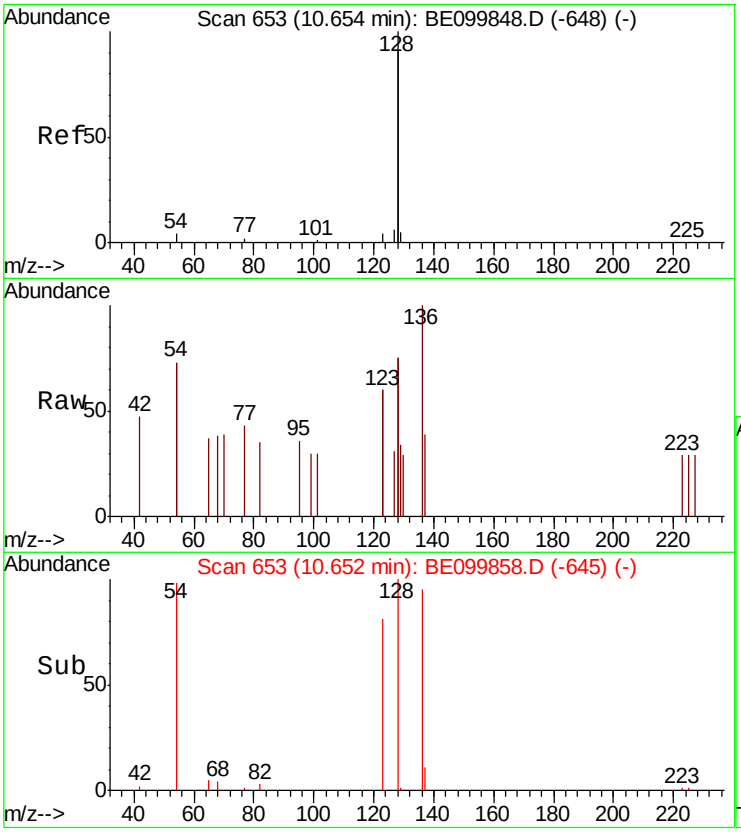


#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion: 82 Resp: 765

Ion	Ratio	Lower	Upper
82	100		
128	193.1	116.6	175.0#
54	169.6	136.2	204.4



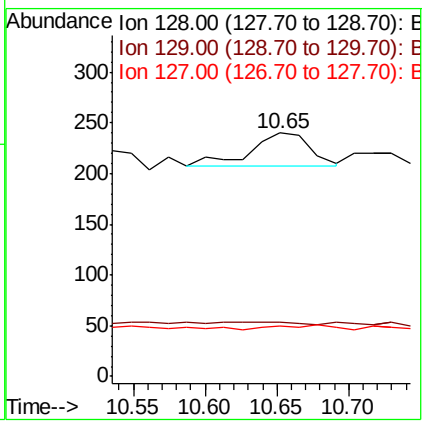


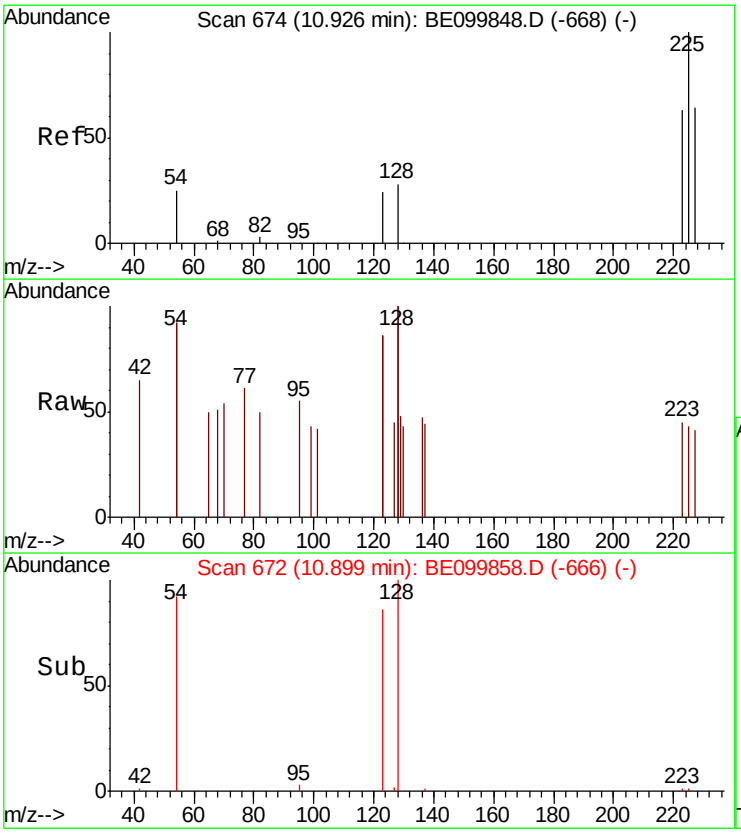
#9
Naphthalene
Concen: 0.004 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:128 Resp: 95

Ion	Ratio	Lower	Upper
128	100		
129	22.5	2.6	4.0#
127	20.8	3.0	4.6#

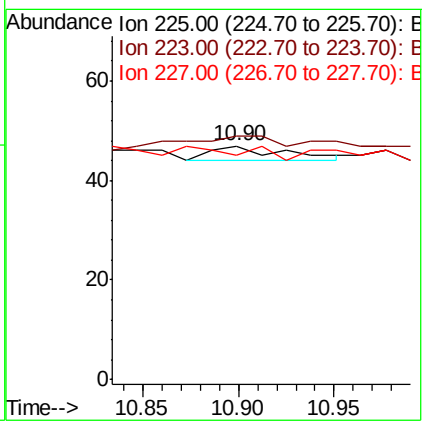


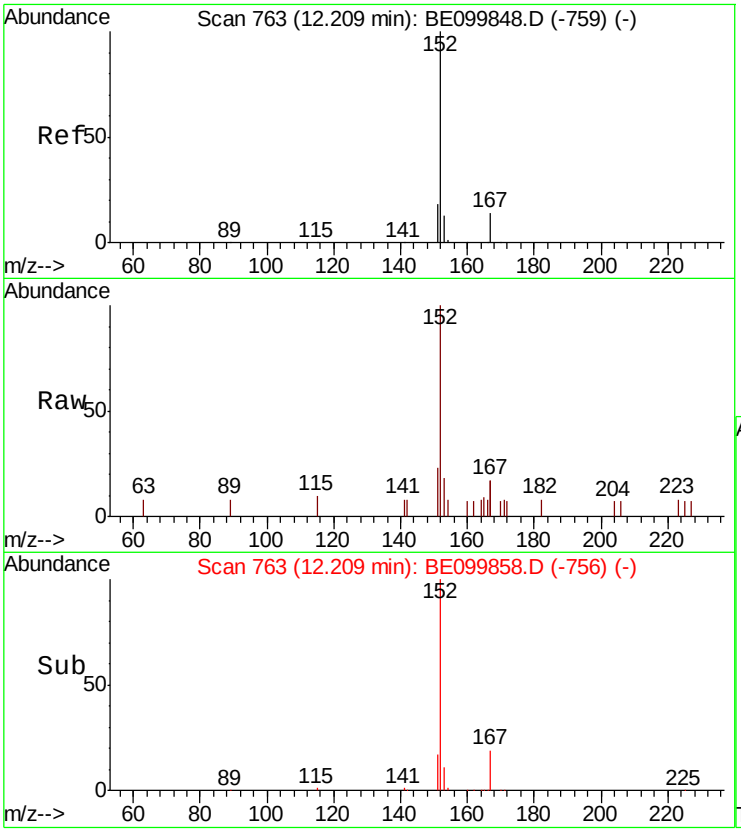


#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:225 Resp: 8

Ion	Ratio	Lower	Upper
225	100		
223	87.5	48.6	72.8#
227	0.0	51.6	77.4#



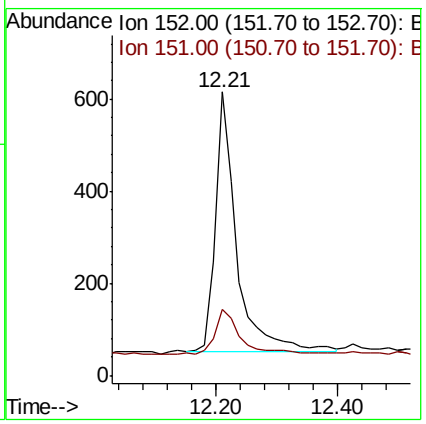


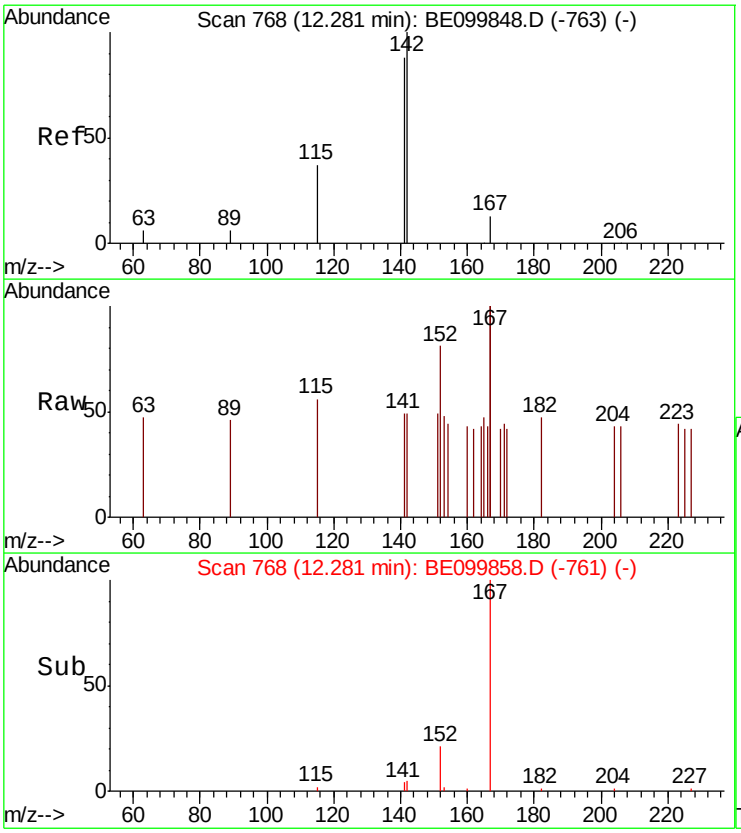
#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:152 Resp: 1357

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.8

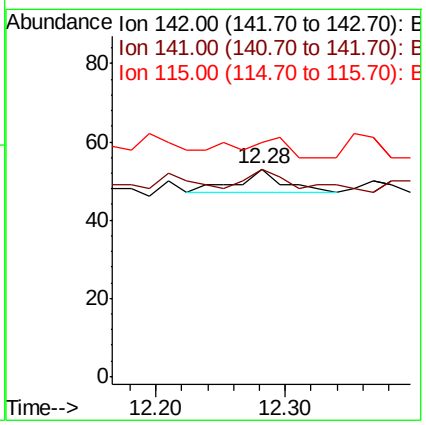


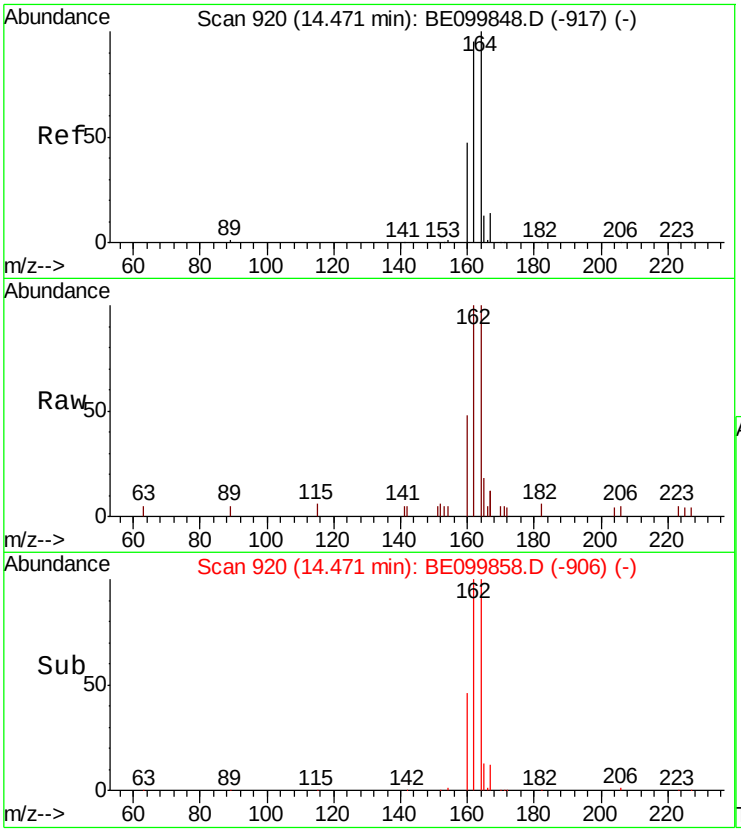


#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:142 Resp: 15

Ion	Ratio	Lower	Upper
142	100		
141	100.0	73.3	109.9
115	113.2	33.4	50.2#



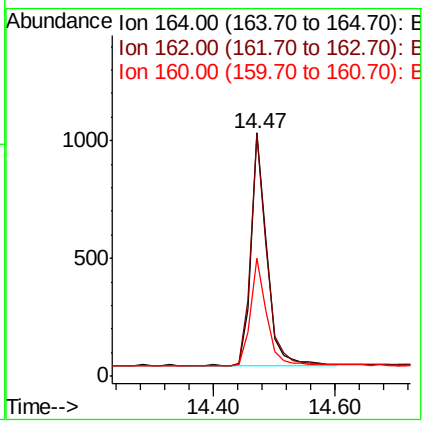


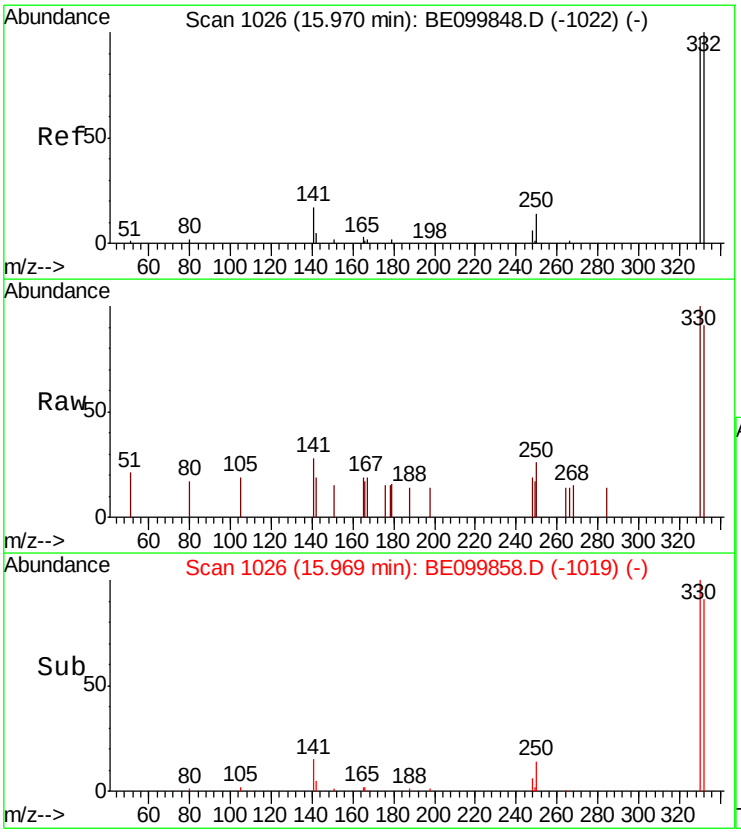
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:164 Resp: 1736

Ion	Ratio	Lower	Upper
164	100		
162	99.5	77.2	115.8
160	48.4	39.4	59.2

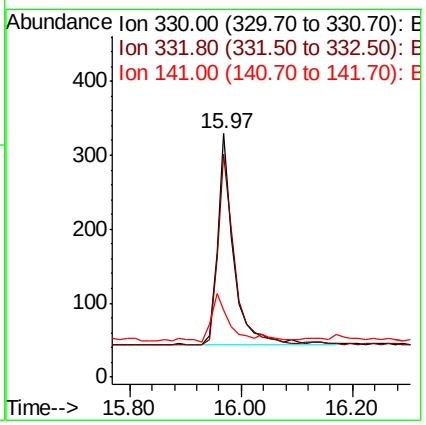


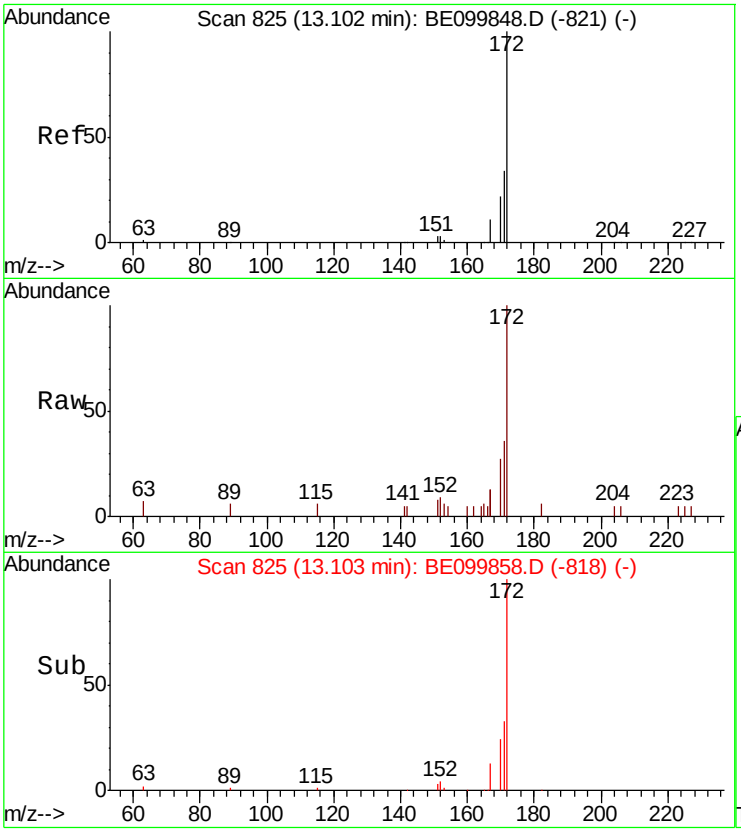


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:330 Resp: 591

Ion	Ratio	Lower	Upper
330	100		
332	92.9	74.9	112.3
141	21.2	16.0	24.0



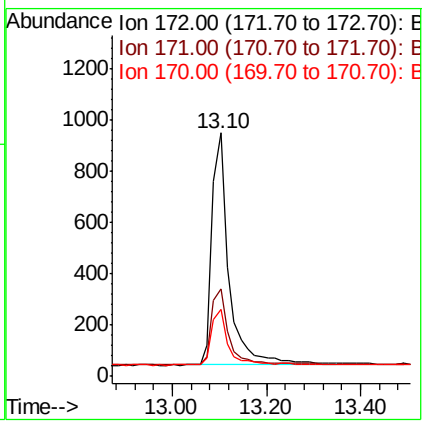


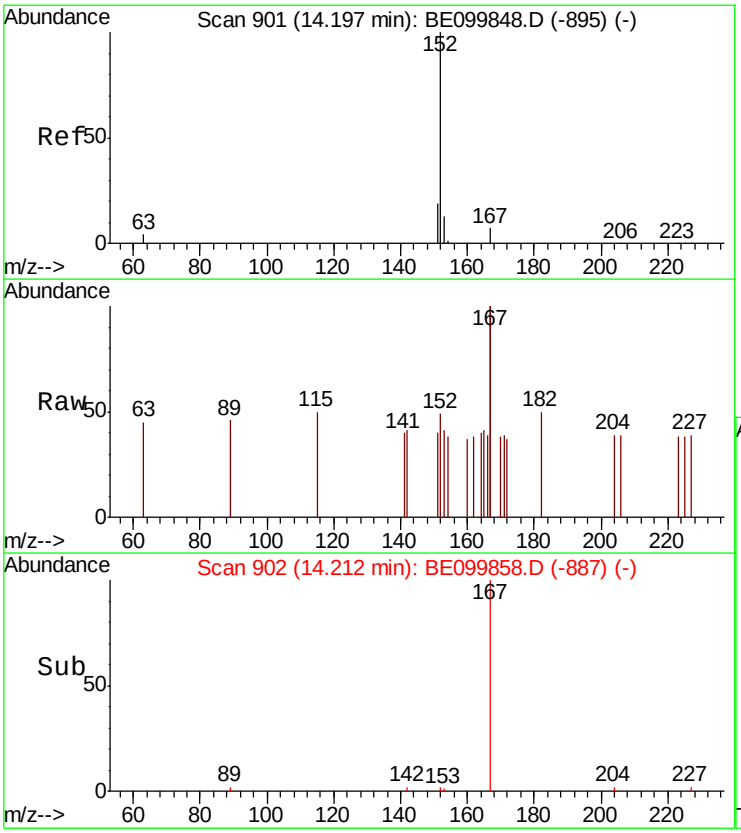
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:172 Resp: 2268

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.2	45.4
170	27.4	20.1	30.1

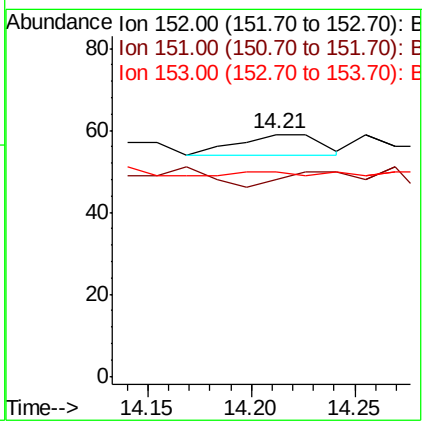


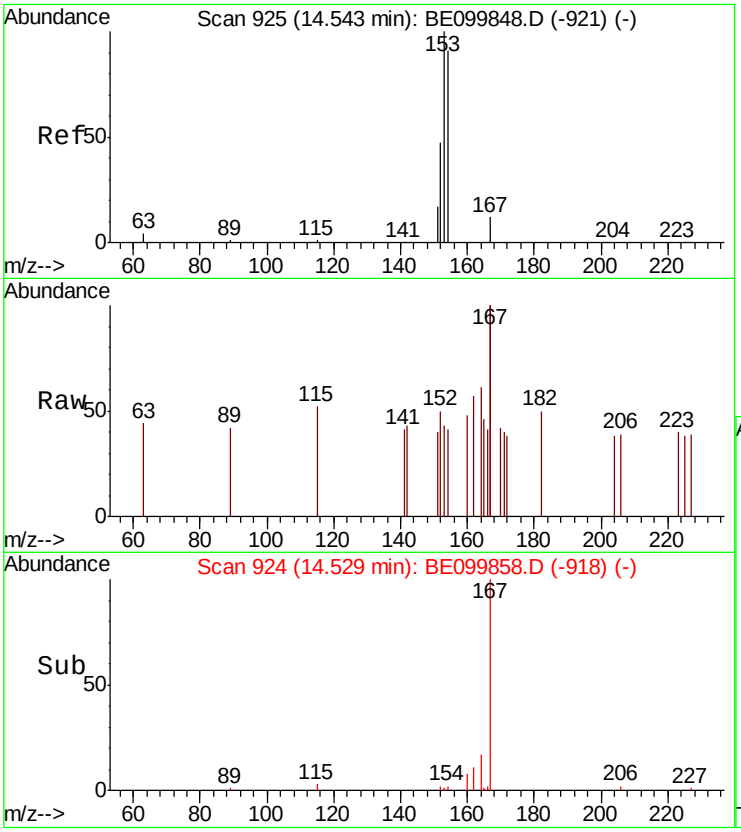


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:152 Resp: 14

Ion	Ratio	Lower	Upper
152	100		
151	71.4	15.9	23.9#
153	0.0	10.8	16.2#



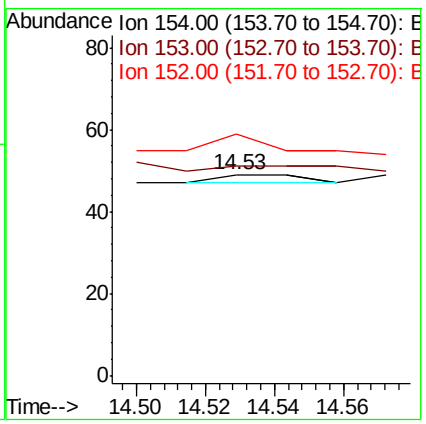


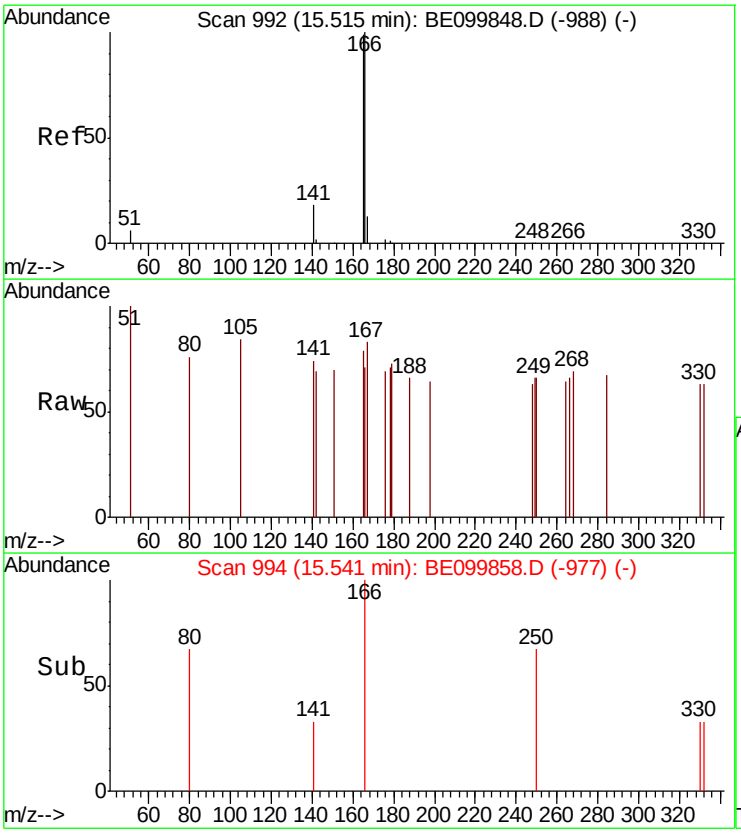
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:154 Resp: 3

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.8	140.6#
152	333.3	48.3	72.5#

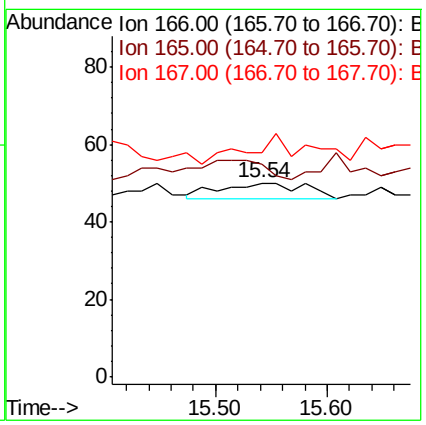


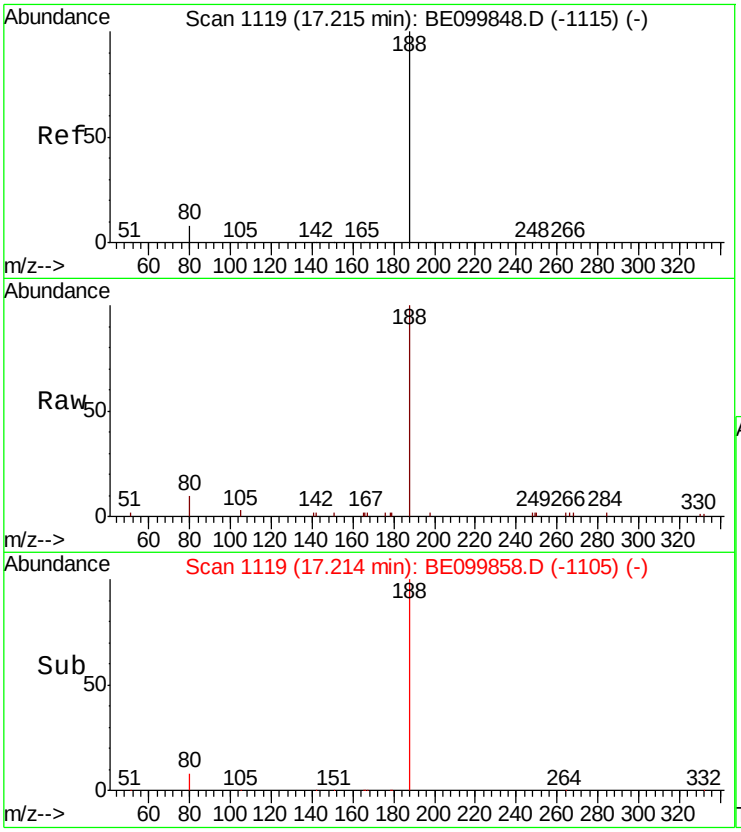


#18
Fluorene
Concen: 0.003 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.03 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:166 Resp: 22

Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.4	120.6#
167	136.4	10.7	16.1#



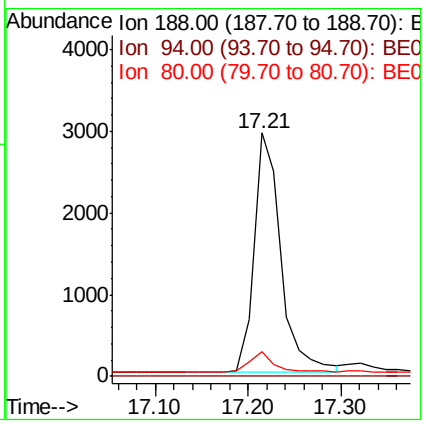


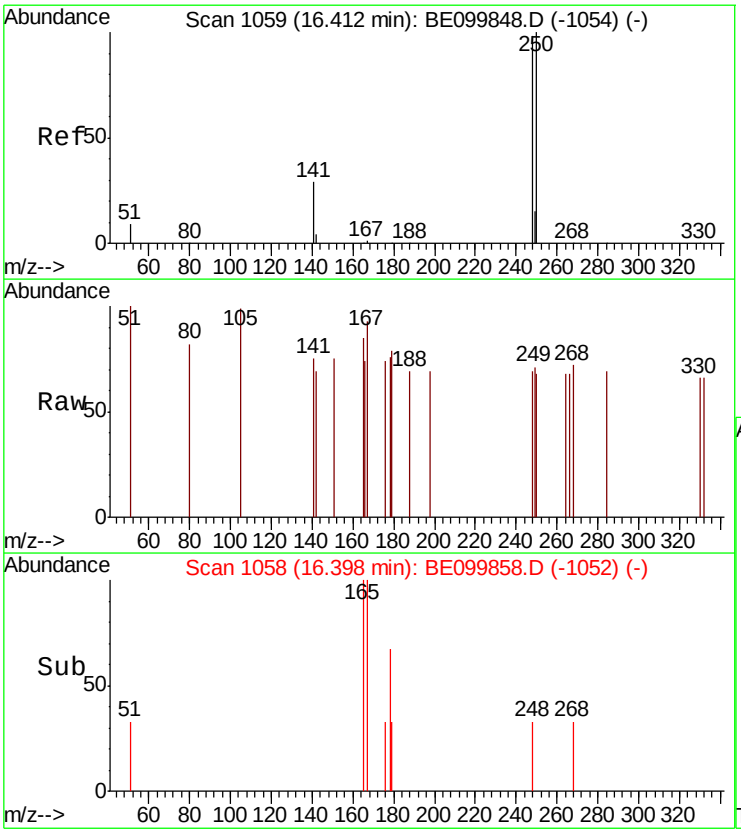
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:188 Resp: 5922

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	5.2	7.8#

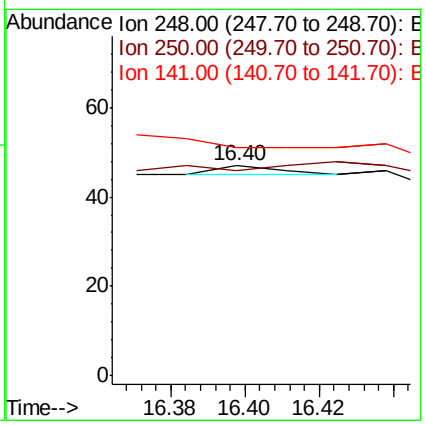


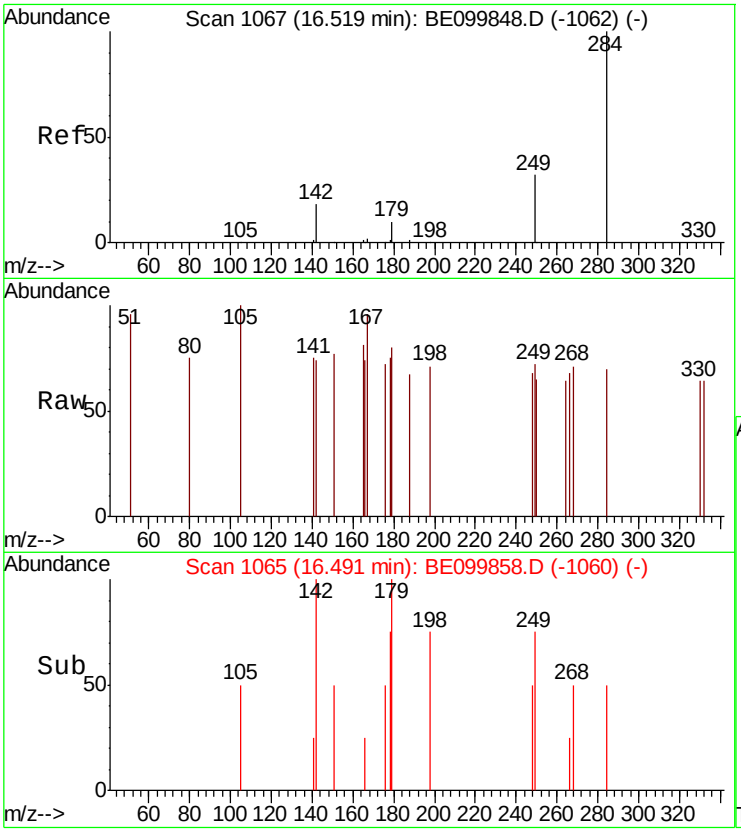


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	97.9	73.7	110.5
141	108.5	40.9	61.3#



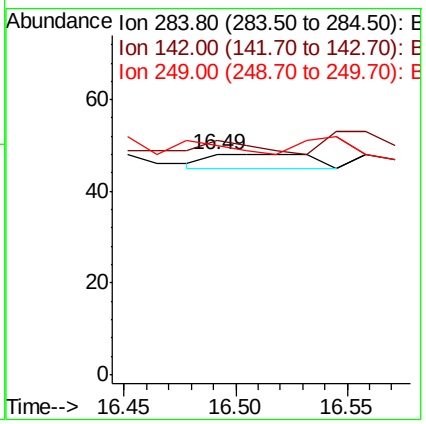


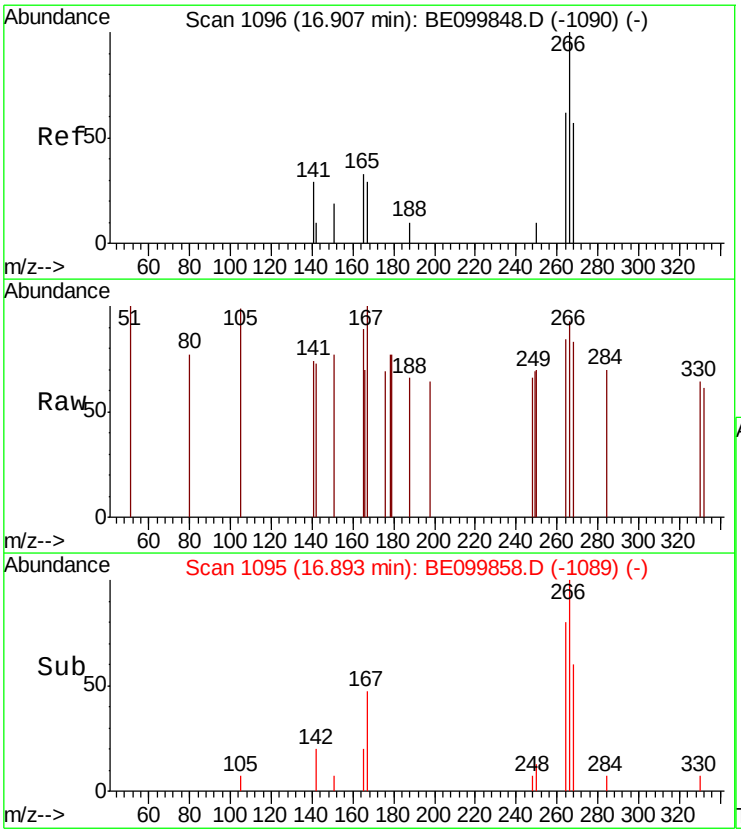
#21
Hexachlorobenzene
Concen: 0.003 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	70.0	16.2	24.4#
249	0.0	23.1	34.7#

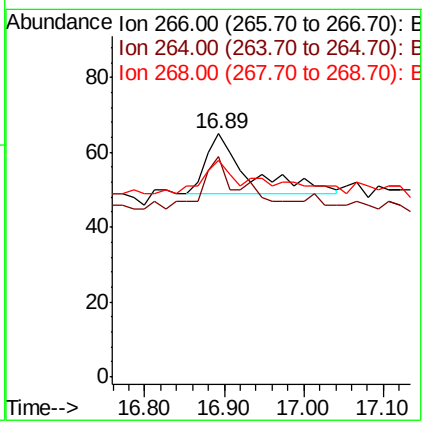


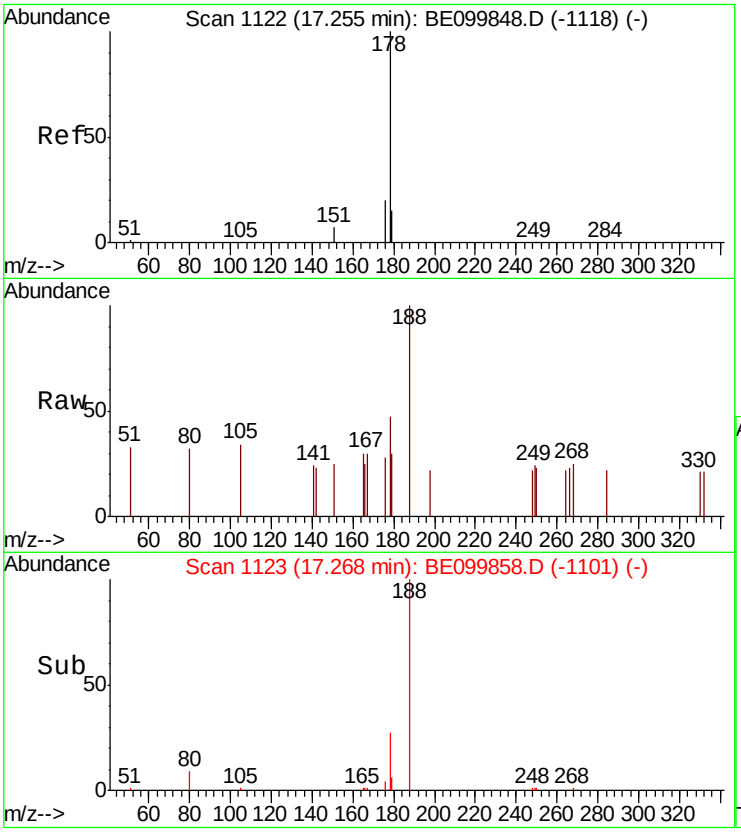


#22
Pentachlorophenol
Concen: 0.278 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:266 Resp: 59

Ion	Ratio	Lower	Upper
266	100		
264	90.8	64.9	97.3
268	89.2	64.0	96.0



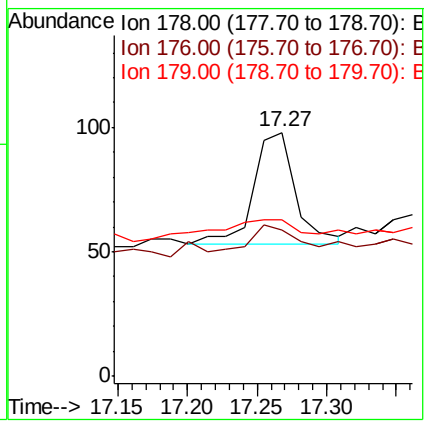


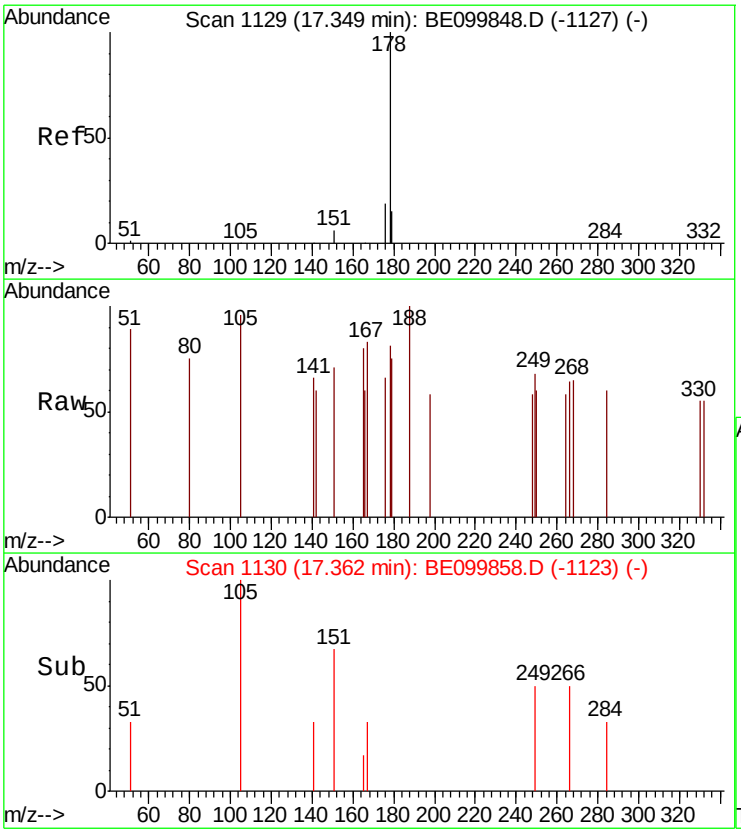
#23
Phenanthrene
Concen: 0.007 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:178 Resp: 96

Ion	Ratio	Lower	Upper
178	100		
176	24.0	15.4	23.0#
179	42.7	12.5	18.7#

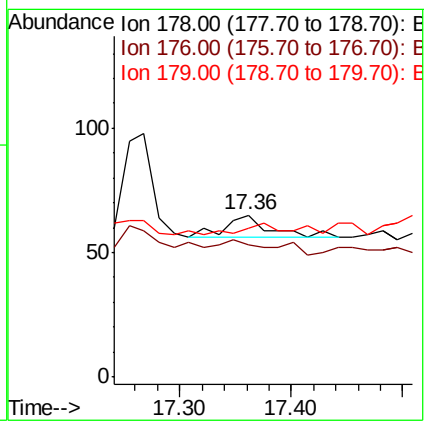


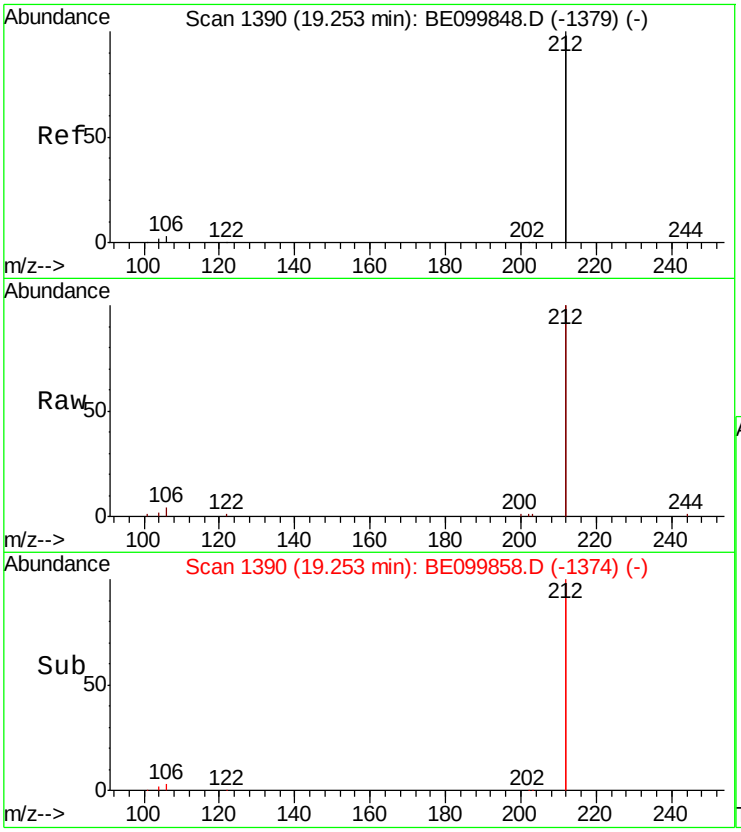


#24
Anthracene
Concen: 0.002 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:178 Resp: 27

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	44.4	12.1	18.1#



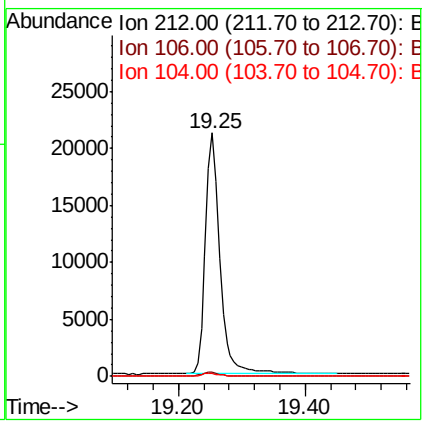


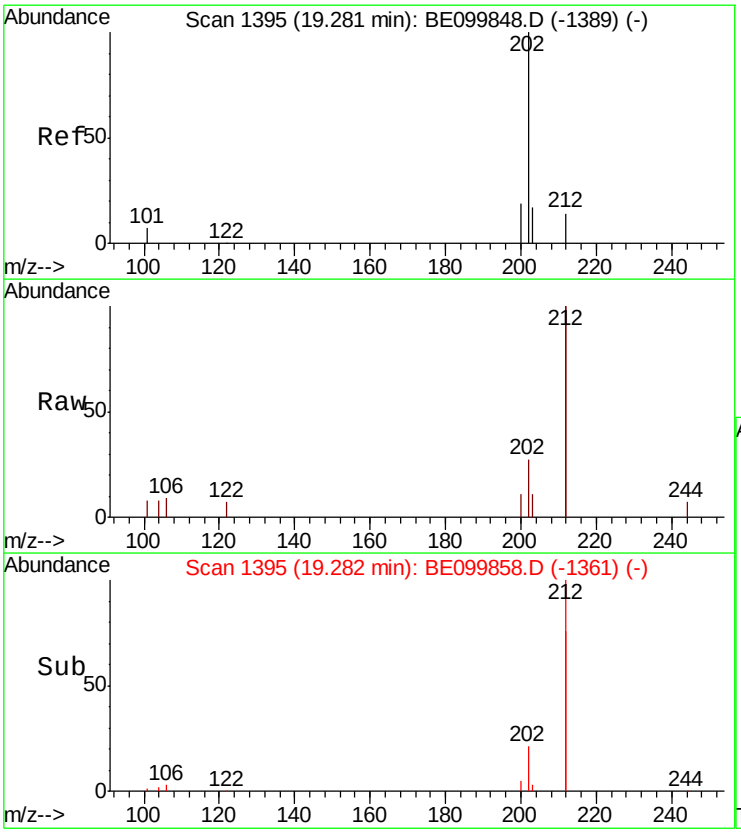
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:212 Resp: 33799

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

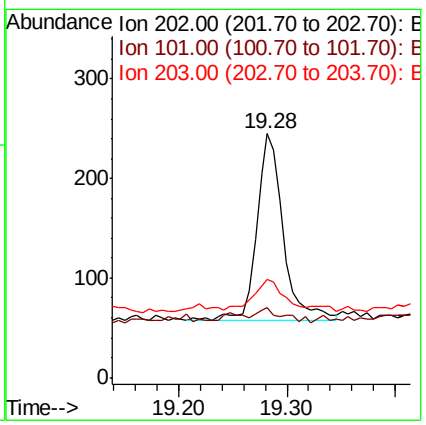


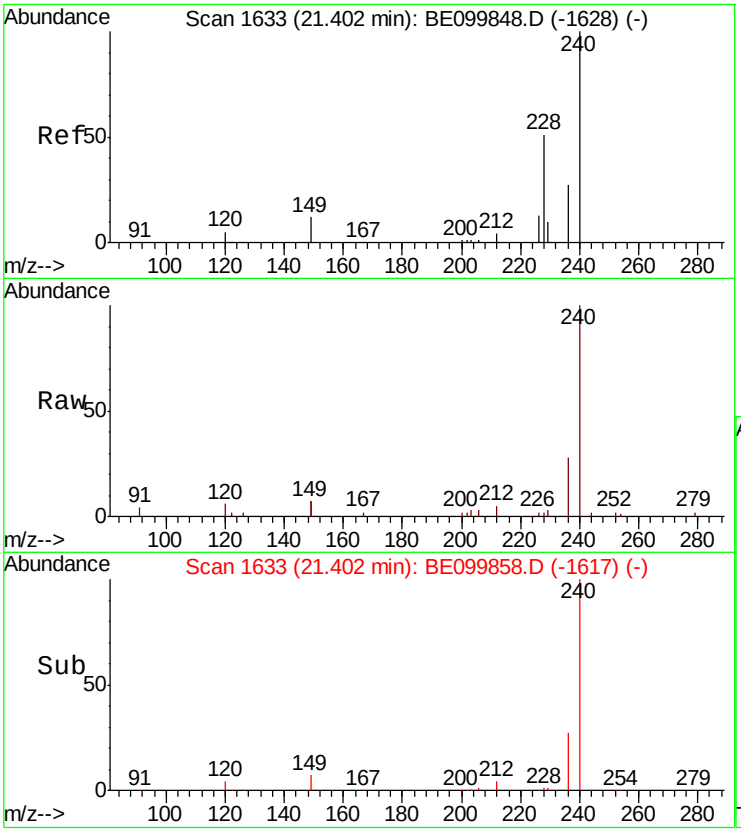


#26
Fluoranthene
Concen: 0.013 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:202 Resp: 324

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.2	7.8
203	17.0	13.6	20.4



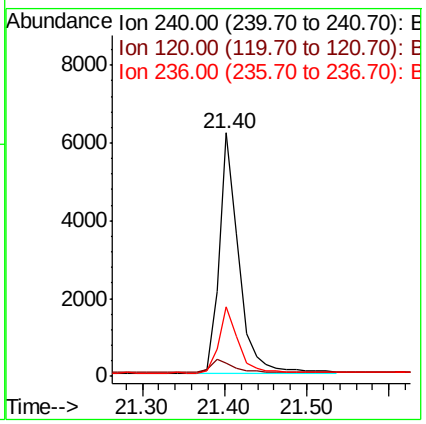


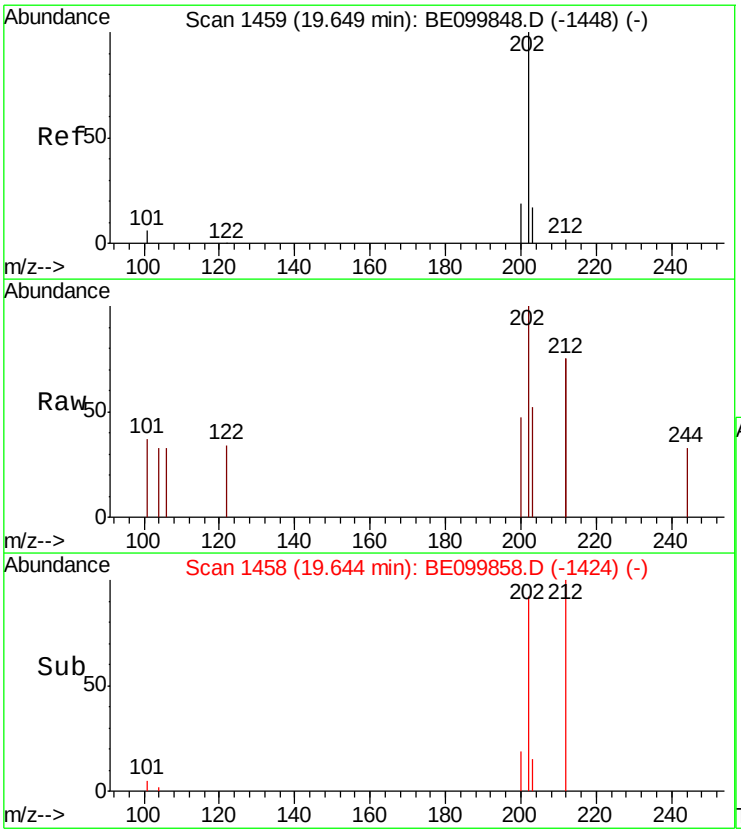
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:240 Resp: 10331

Ion	Ratio	Lower	Upper
240	100		
120	5.6	2.8	4.2#
236	28.4	20.9	31.3

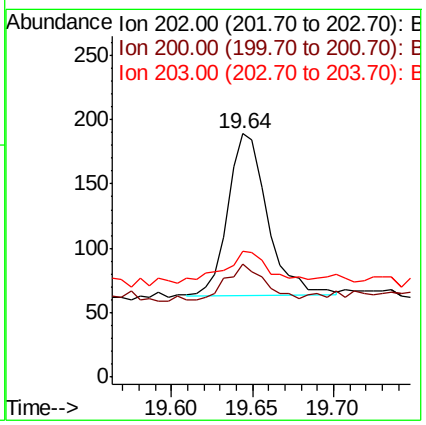


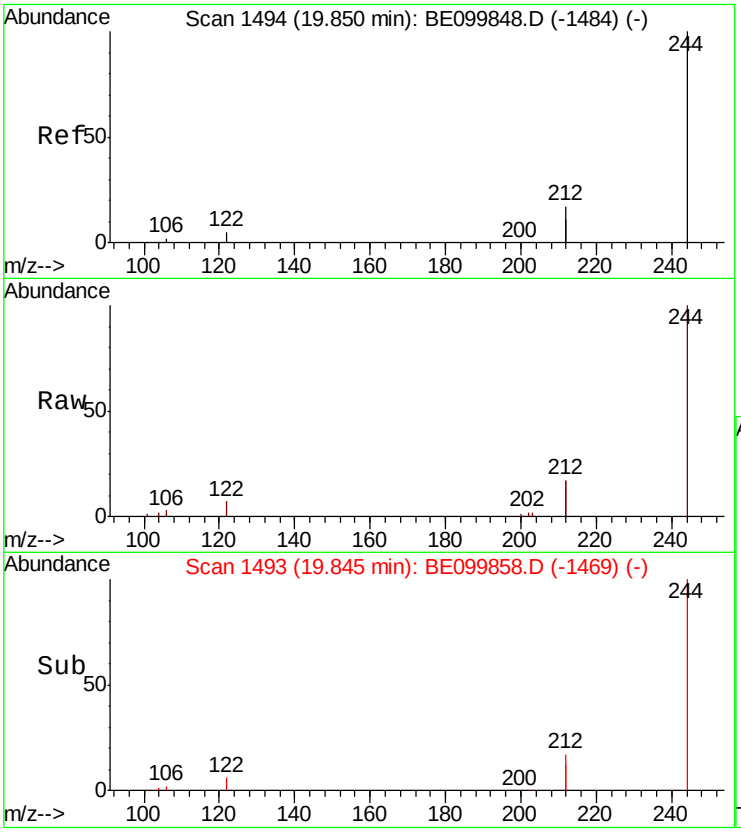


#28
Pyrene
Concen: 0.008 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:202 Resp: 212

Ion	Ratio	Lower	Upper
202	100		
200	21.2	15.6	23.4
203	23.1	14.1	21.1#



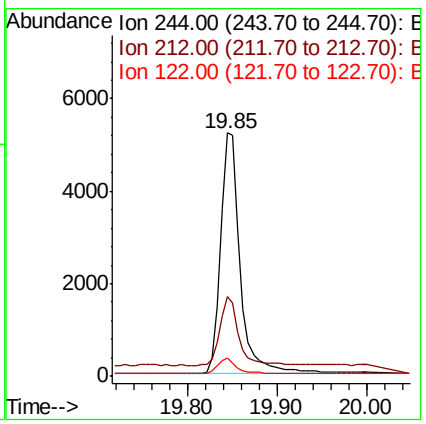


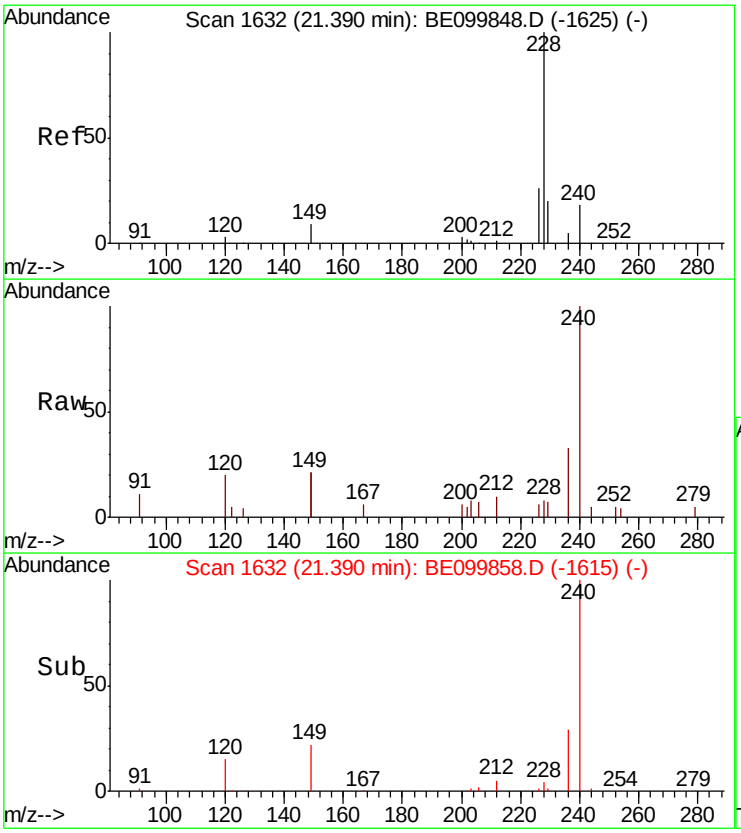
#29
Terphenyl-d14
Concen: 0.409 ng
RT: 19.85 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:244 Resp: 7875

Ion	Ratio	Lower	Upper
244	100		
212	33.0	23.7	35.5
122	7.4	4.8	7.2#

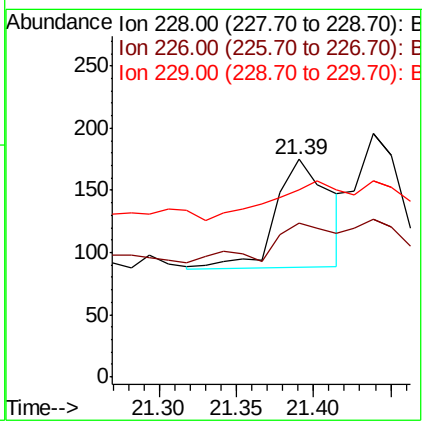


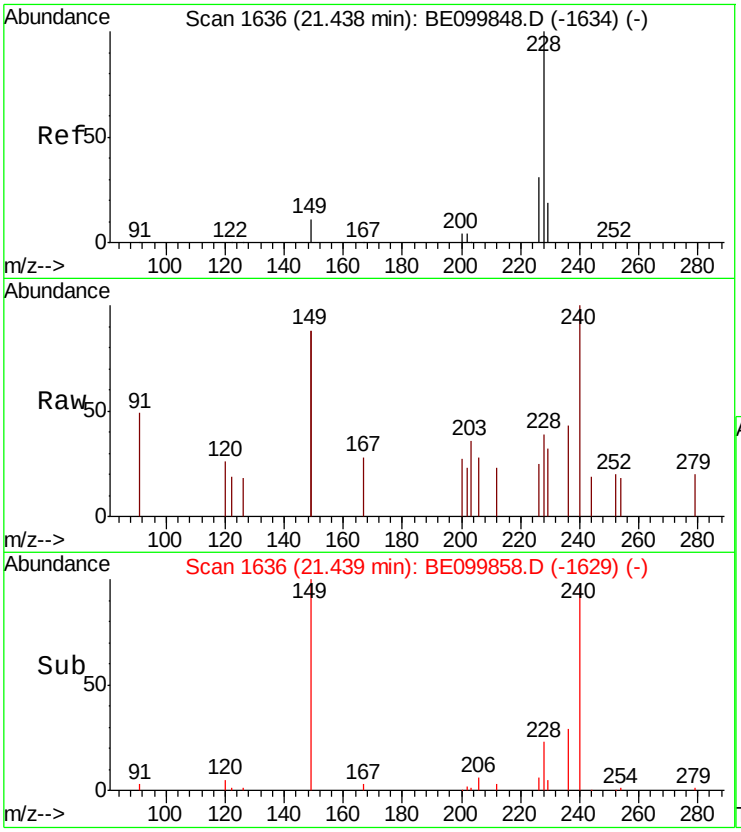


#30
Benzo(a)anthracene
Concen: 0.006 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:228 Resp: 213

Ion	Ratio	Lower	Upper
228	100		
226	70.9	21.6	32.4#
229	86.3	15.8	23.6#



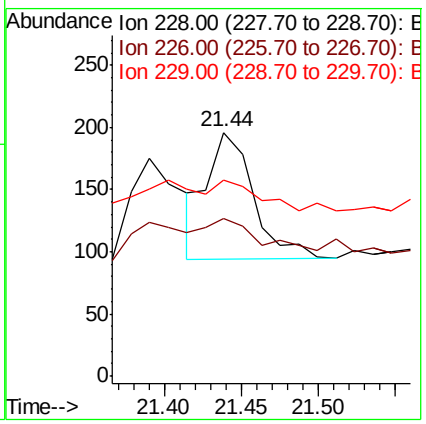


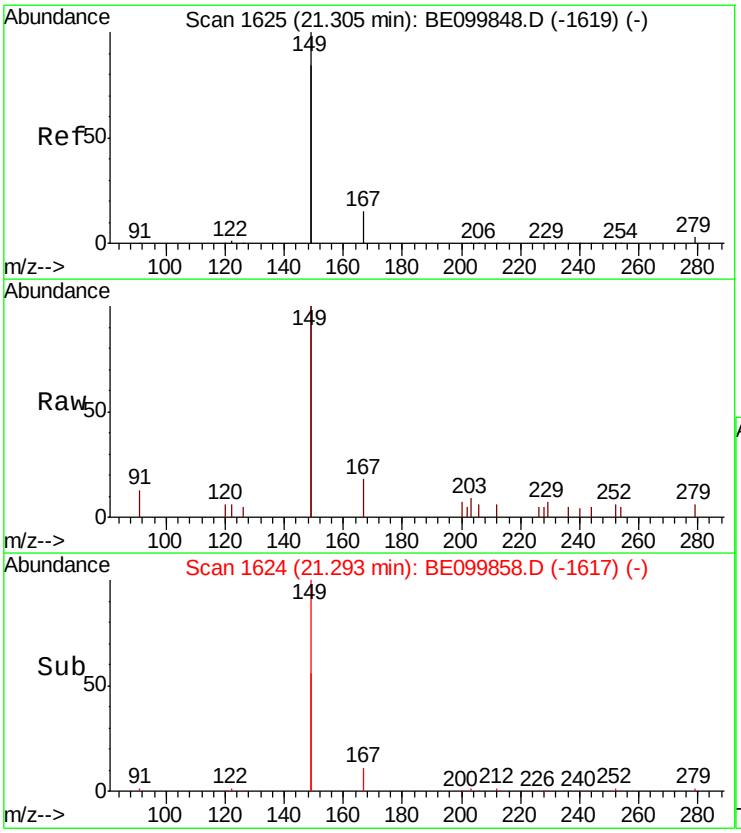
#31
Chrysene
Concen: 0.007 ng
RT: 21.44 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:228 Resp: 210

Ion	Ratio	Lower	Upper
228	100		
226	64.8	22.9	34.3#
229	80.6	16.4	24.6#

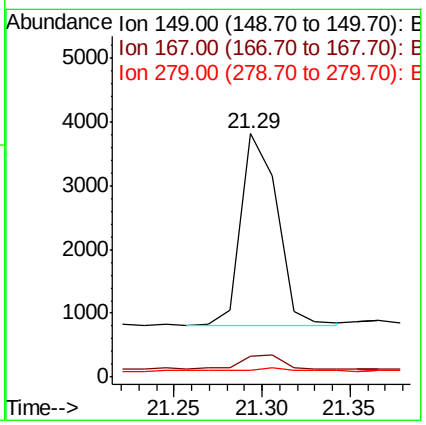


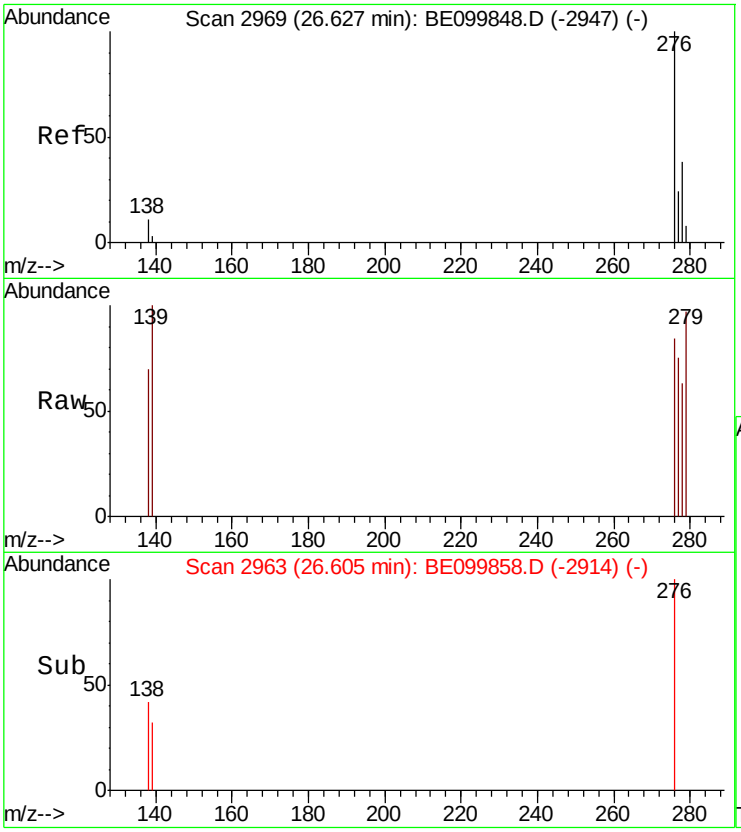


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:149 Resp: 4297

Ion	Ratio	Lower	Upper
149	100		
167	8.1	6.0	9.0
279	2.4	1.2	1.8#



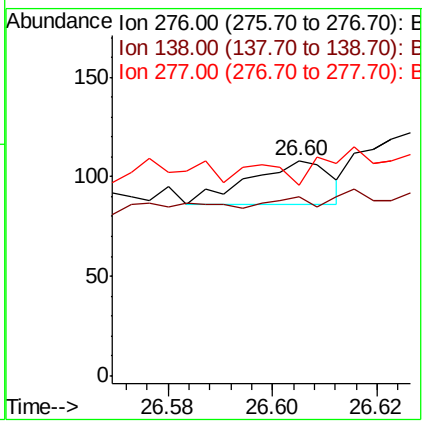


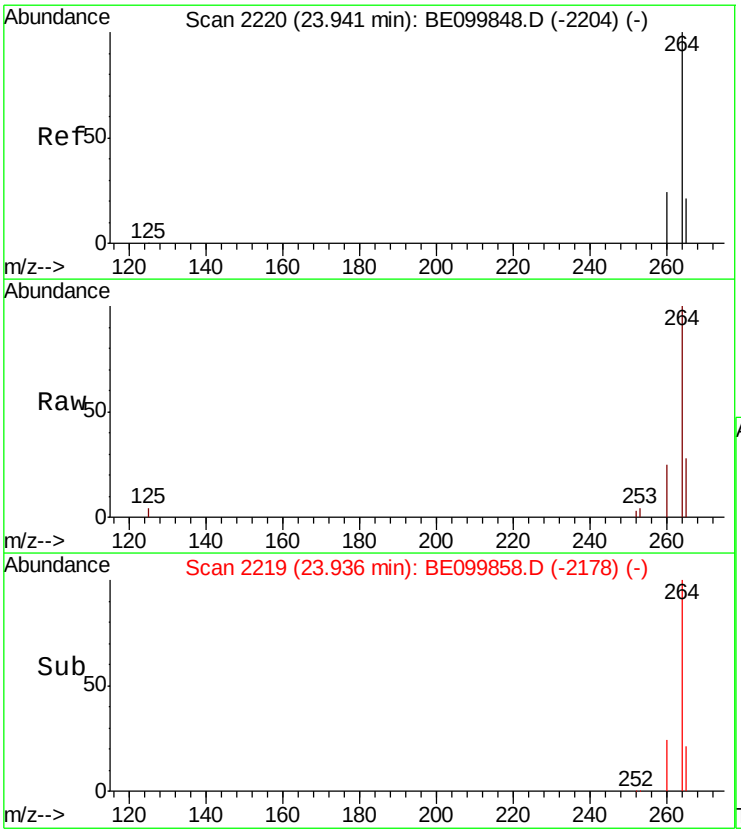
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.60 min Scan# 2963
Delta R.T. -0.03 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:276 Resp: 24

Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.3	15.5
277	25.0	19.4	29.2

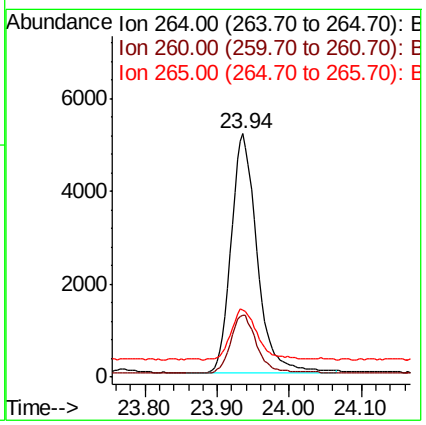


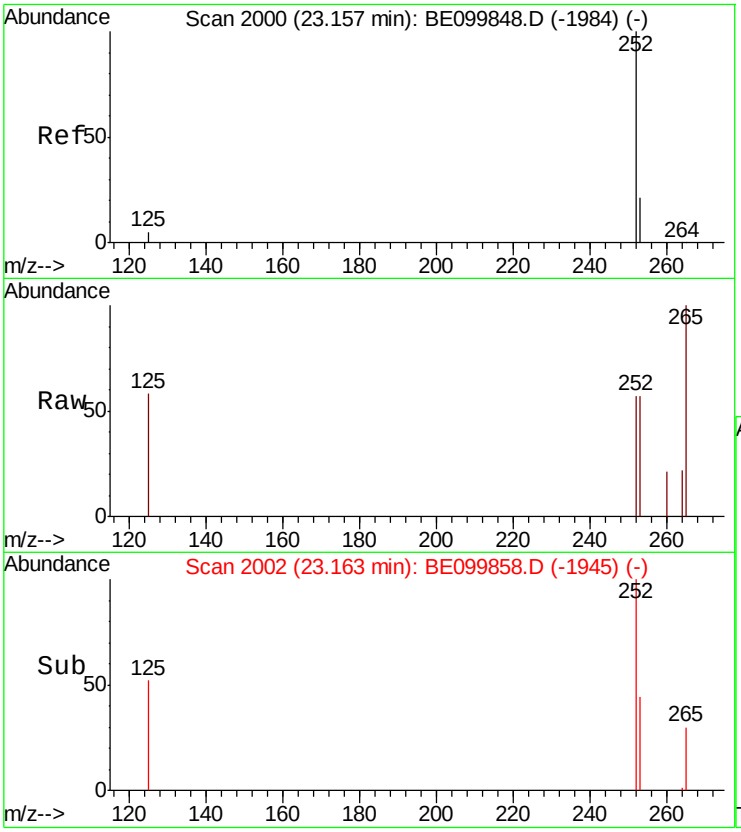


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:264 Resp: 12533

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



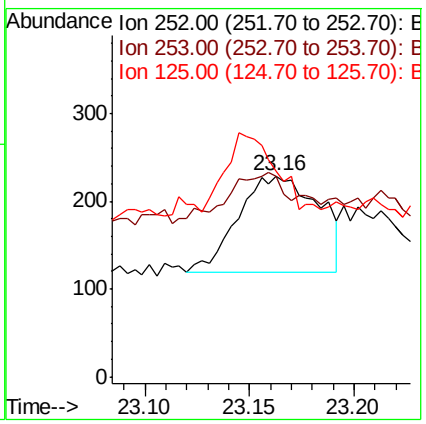


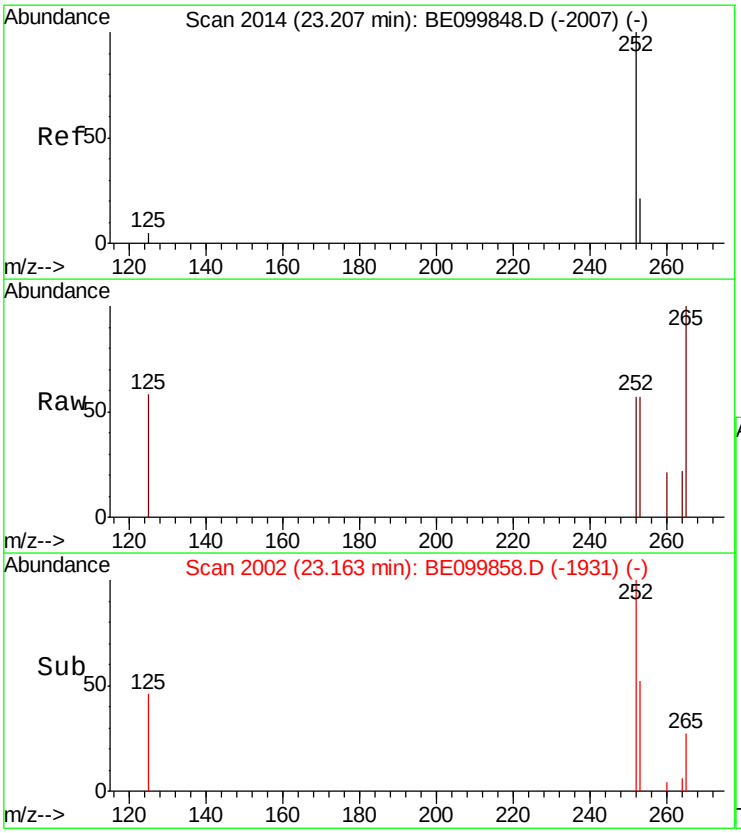
#35
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 23.16 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:252 Resp: 294

Ion	Ratio	Lower	Upper
252	100		
253	100.0	18.9	28.3#
125	102.2	7.6	11.4#

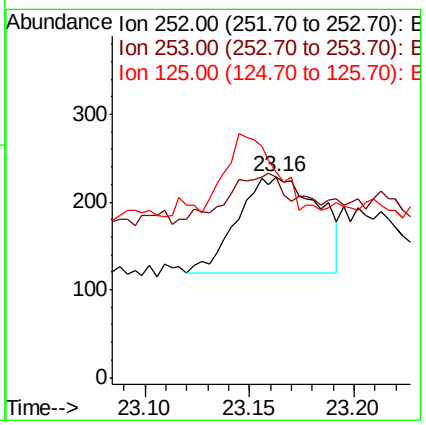


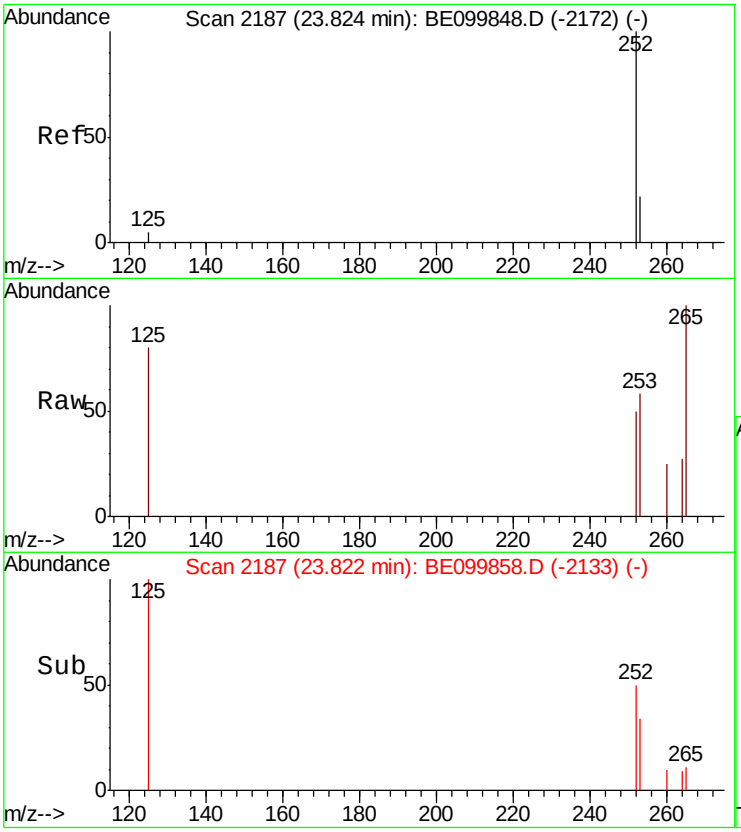


#36
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 23.16 min Scan# 2002
Delta R.T. -0.05 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:252 Resp: 294

Ion	Ratio	Lower	Upper
252	100		
253	100.0	18.4	27.6#
125	102.2	4.6	7.0#



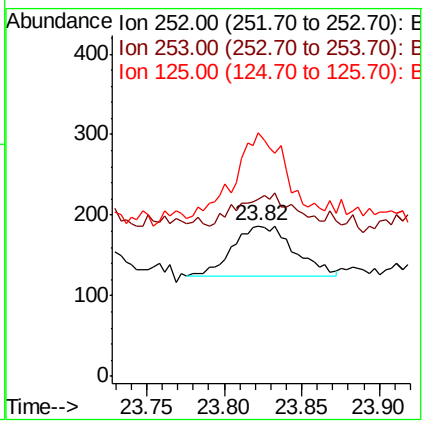


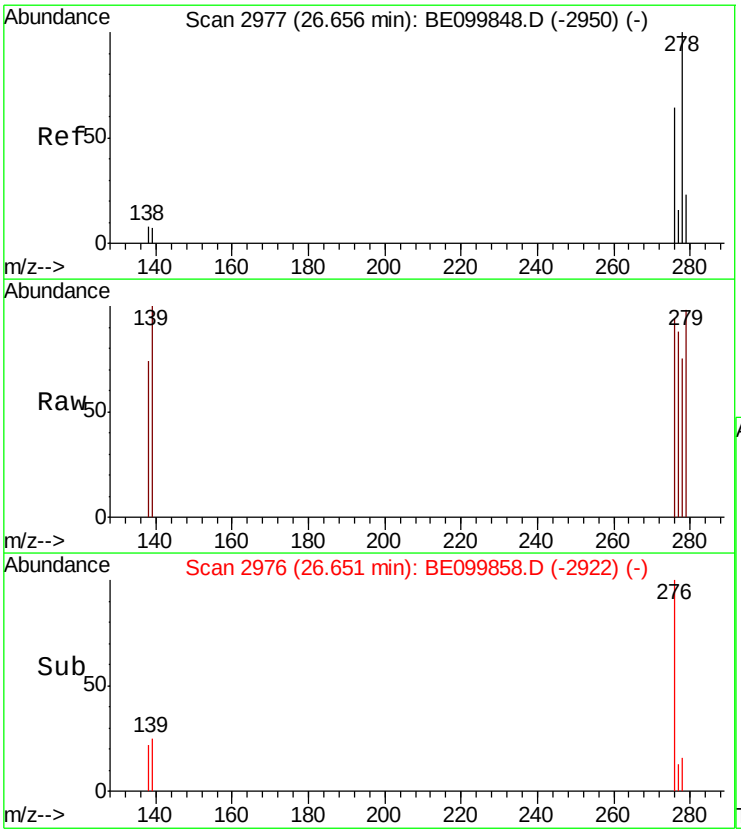
#37
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:252 Resp: 167

Ion	Ratio	Lower	Upper
252	100		
253	117.6	19.3	28.9#
125	161.5	10.2	15.4#

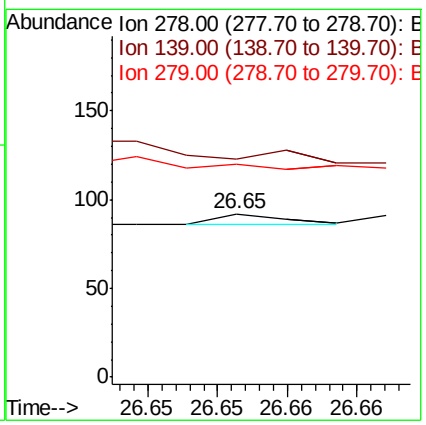


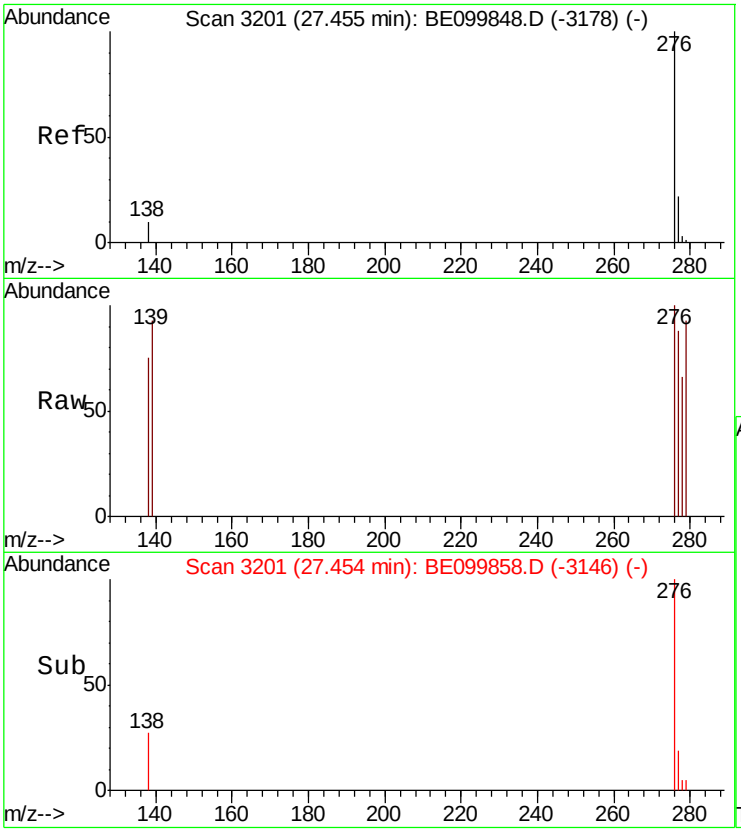


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.65 min Scan# 2976
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:278 Resp: 2

Ion	Ratio	Lower	Upper
278	100		
139	133.7	7.9	11.9#
279	130.4	18.5	27.7#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 27.45 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:276 Resp: 48

Ion	Ratio	Lower	Upper
276	100		
277	88.1	19.6	29.4#
138	75.4	9.0	13.4#