Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
Data File : BE101237.D
Acq On : 7 Apr 2021 20:26
Operator : CG/JU
Sample : M1931-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-5DL

Quant Time: Apr 08 03:24:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	3871	0.40	ng	# 0.00
7) Naphthalene-d8	10.614	136	19991	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	16345	0.40	ng	0.00
19) Phenanthrene-d10	17.196	188	42796	0.40	ng	#-0.01
29) Chrysene-d12	21.353	240	45747	0.40	ng	0.00
36) Perylene-d12	23.830	264	32954	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	787	0.09	ng	0.00
5) Phenol-d6	6.989	99	752	0.05	ng	0.00
8) Nitrobenzene-d5	8.977	82	2831	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	4960	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1207	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	7174	0.12	ng	0.00
27) Fluoranthene-d10	19.215	212	114345	0.15	ng	0.00
31) Terphenyl-d14	19.813	244	26597	0.22	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.666	128	314880	1.45	ng	# 90
12) 2-Methylnaphthalene	12.267	142	138545	3.55	ng	98
16) Acenaphthylene	14.169	152	2643	0.04	ng	# 1
17) Acenaphthene	14.515	154	6323	0.13	ng	# 69
18) Fluorene	15.503	166	14883	0.23	ng	# 90
25) Phenanthrene	17.241	178	15737	0.12	ng	# 91
26) Anthracene	17.332	178	7314	0.07	ng	# 86
28) Fluoranthene	19.244	202	3803	0.02	ng	# 95
30) Pyrene	19.606	202	6580	0.04	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.281	149	19348	0.21	ng	98

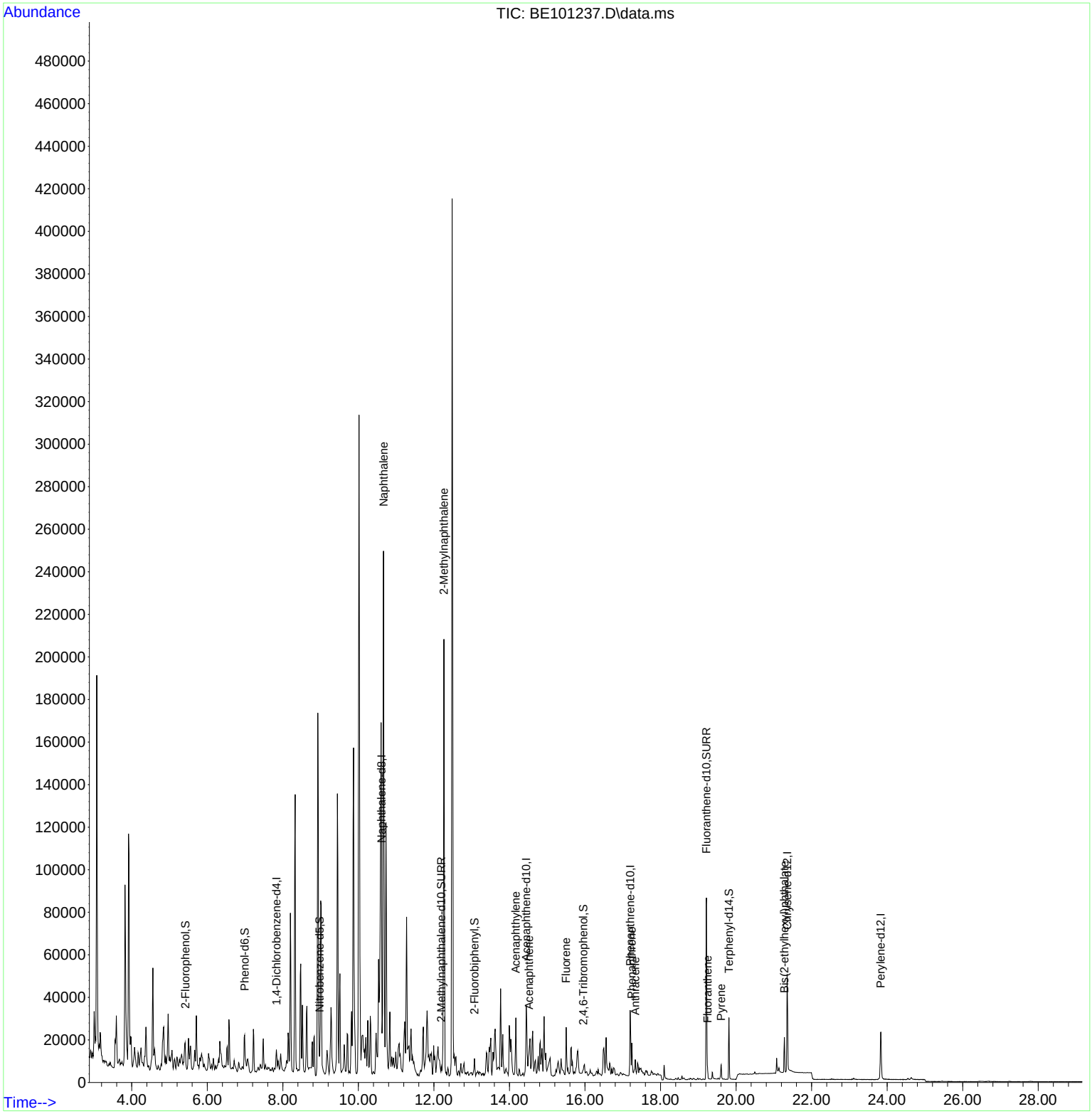
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

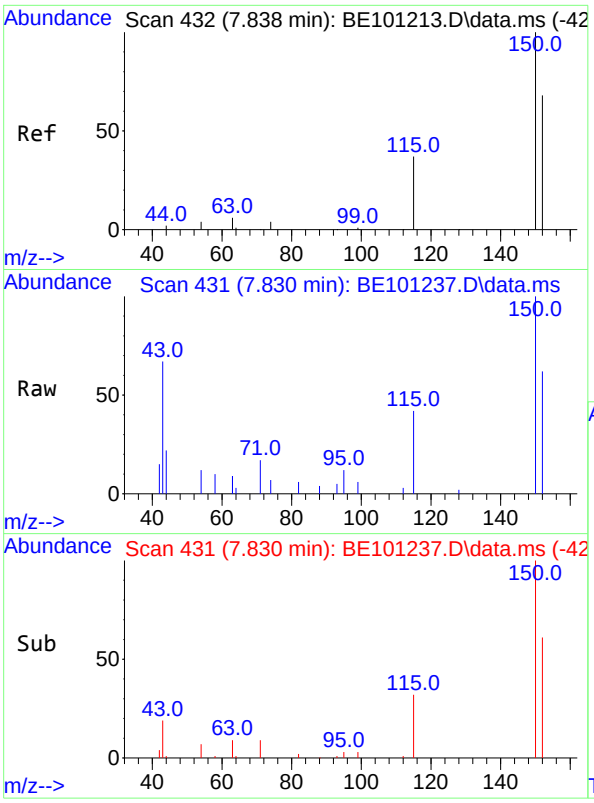
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
Data File : BE101237.D
Acq On : 7 Apr 2021 20:26
Operator : CG/JU
Sample : M1931-05DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-5DL

Quant Time: Apr 08 03:24:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration



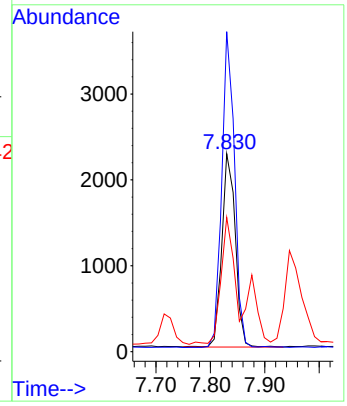
Instrument :
BNA_E
ClientSampleId :
MW-5DL

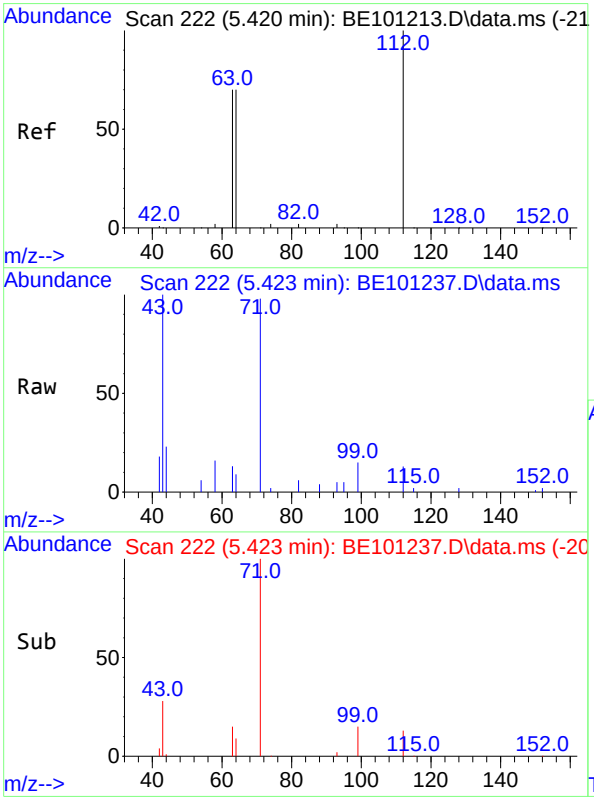


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.830 min Scan# 431
Delta R.T. -0.000 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:152 Resp: 3871

Ion	Ratio	Lower	Upper
152	100		
150	161.7	116.9	175.3
115	67.8	44.5	66.7#

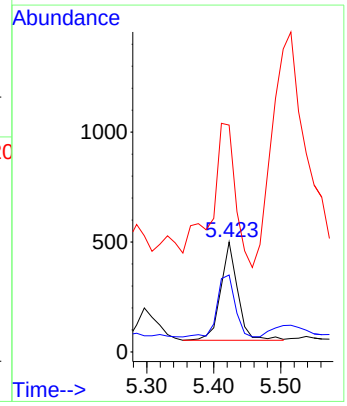


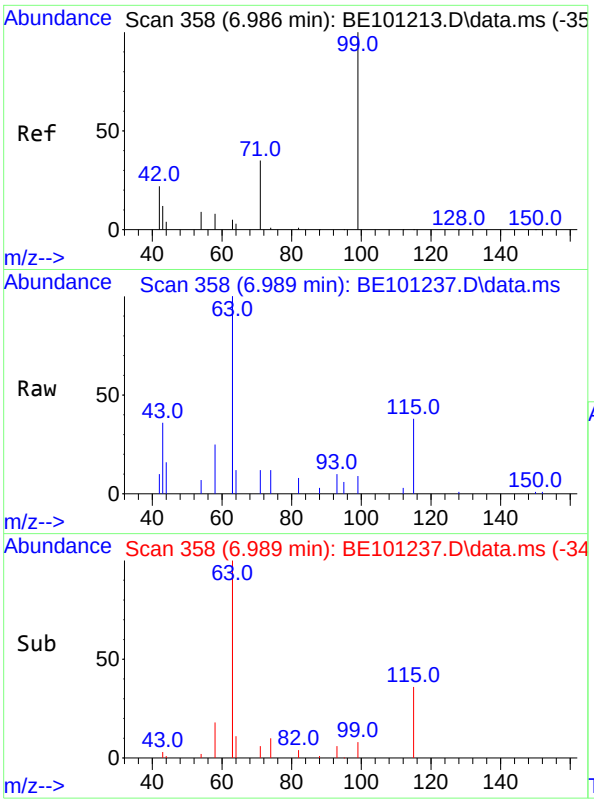


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.423 min Scan# 222
Delta R.T. 0.000 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:112 Resp: 787

Ion	Ratio	Lower	Upper
112	100		
64	65.9	62.3	93.5
63	212.5	117.3	175.9#

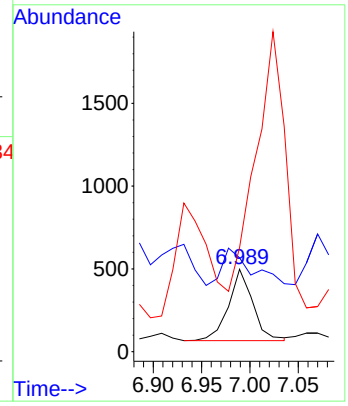




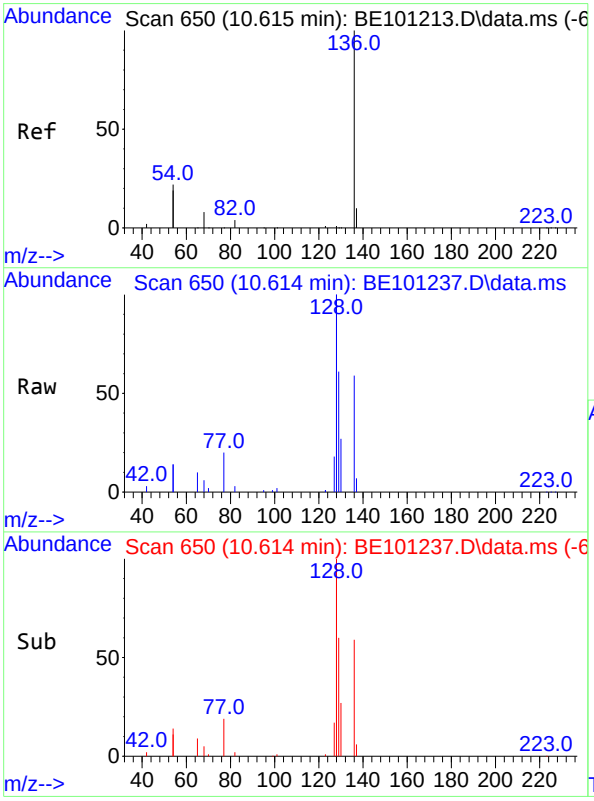
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.989 min Scan# 358
Delta R.T. 0.000 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion: 99 Resp: 752

Ion	Ratio	Lower	Upper
99	100		
42	72.5	18.5	27.7#
71	0.0	26.5	39.7#



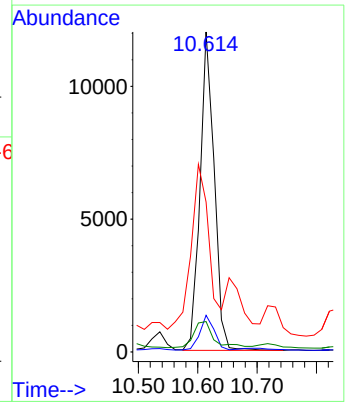
Instrument :
BNA_E
ClientSampleId :
MW-5DL



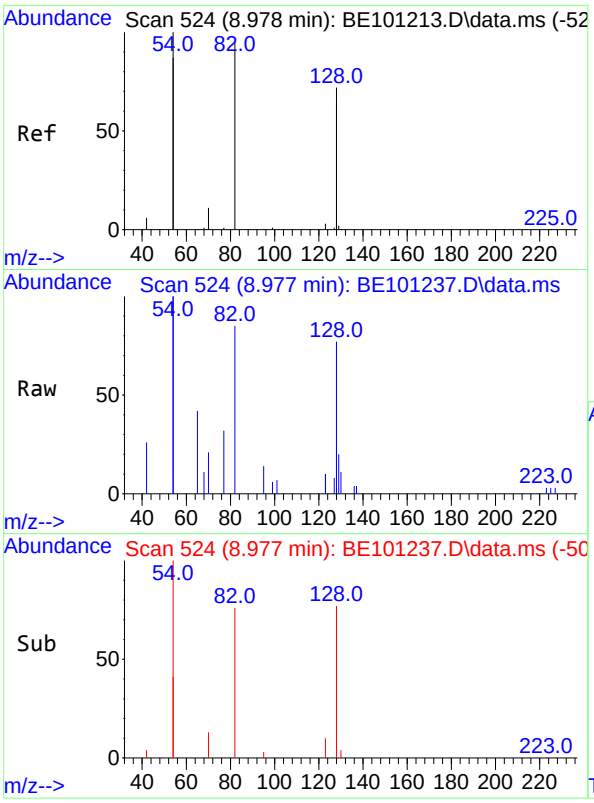
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:136 Resp: 19991

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	46.9	34.7	52.1
68	9.5	7.0	10.4



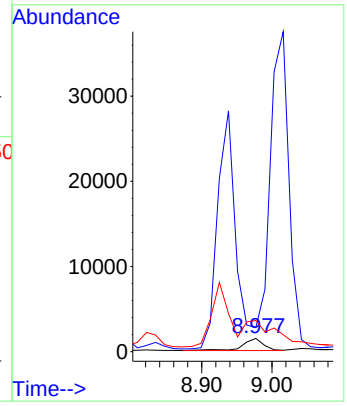
Instrument :
BNA_E
ClientSampleId :
MW-5DL

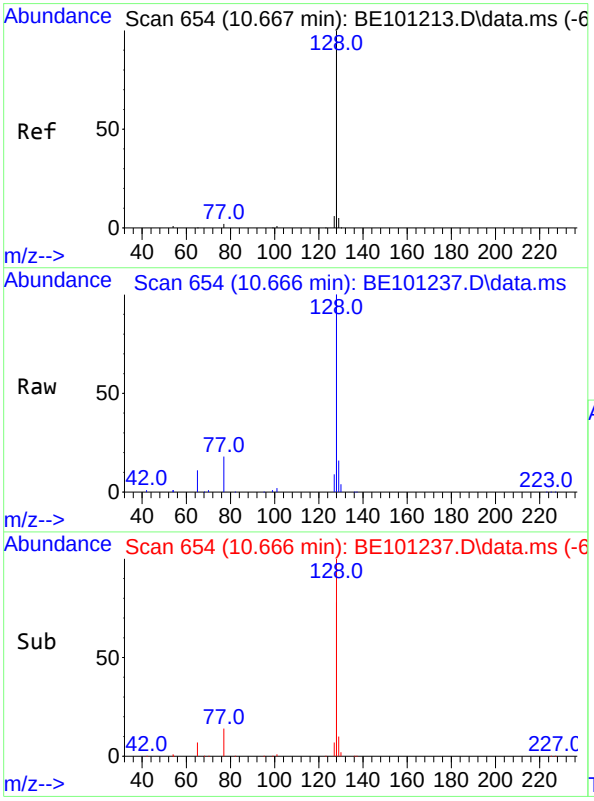


#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion: 82 Resp: 2831

Ion	Ratio	Lower	Upper
82	100		
128	179.8	118.7	178.1#
54	234.3	164.4	246.6

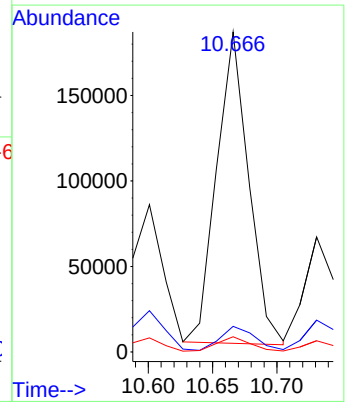


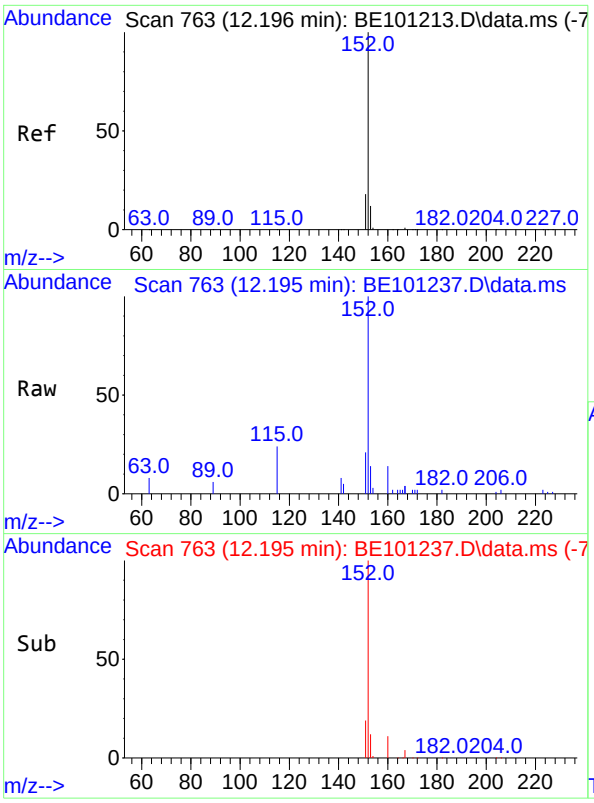


#9
Naphthalene
Concen: 1.45 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:128 Resp: 314880

Ion	Ratio	Lower	Upper
128	100		
129	8.0	2.2	3.4#
127	4.7	2.6	3.8#

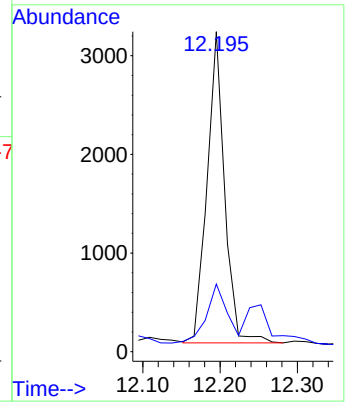




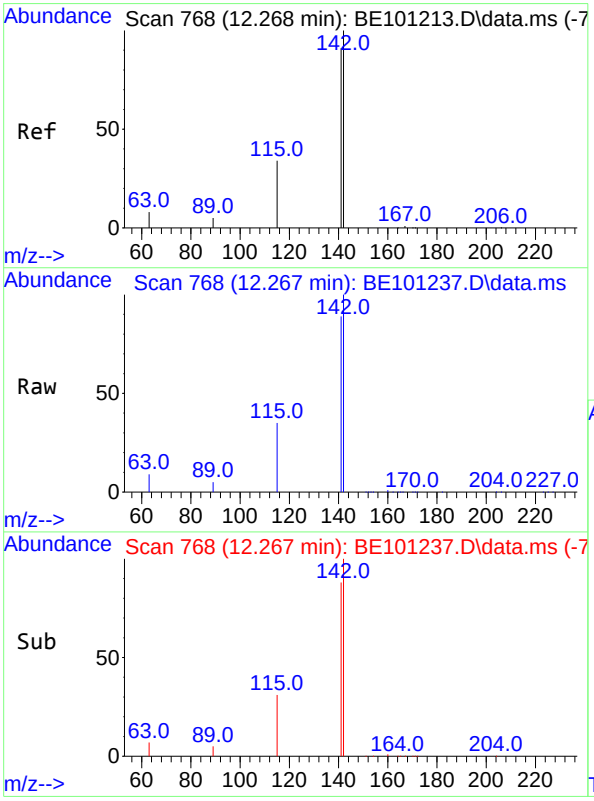
#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:152 Resp: 4960

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.5	24.7



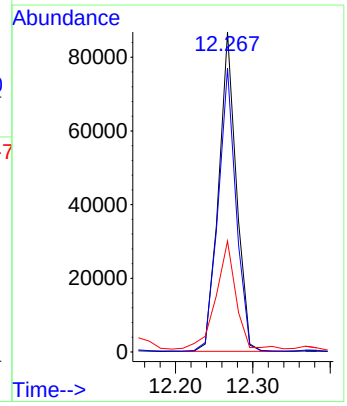
Instrument :
BNA_E
ClientSampleId :
MW-5DL



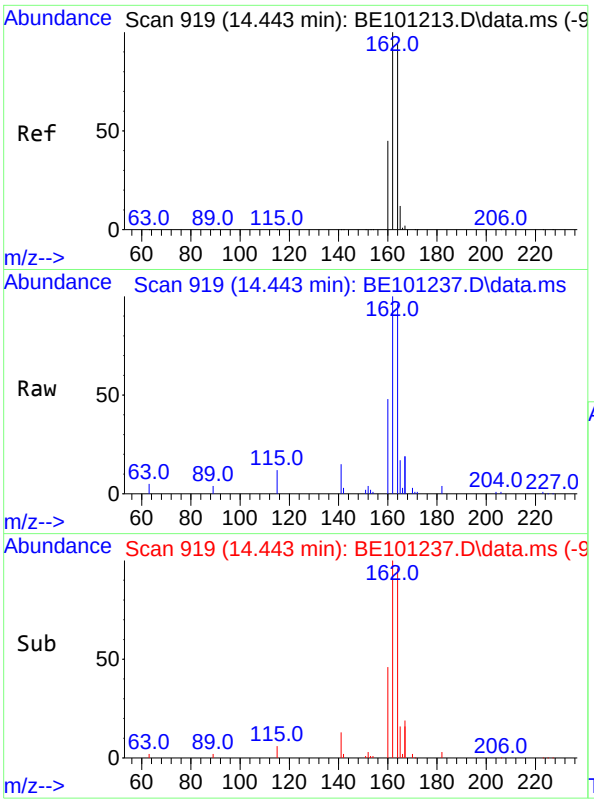
#12
2-Methylnaphthalene
Concen: 3.55 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:142 Resp: 138545

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.0	109.6
115	34.6	27.8	41.8



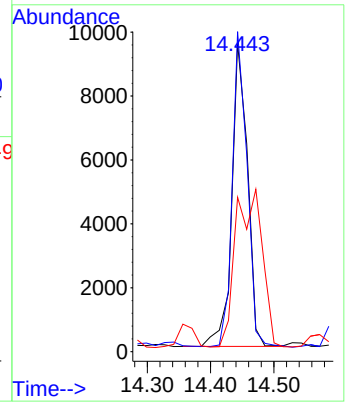
Instrument :
BNA_E
ClientSampleId :
MW-5DL

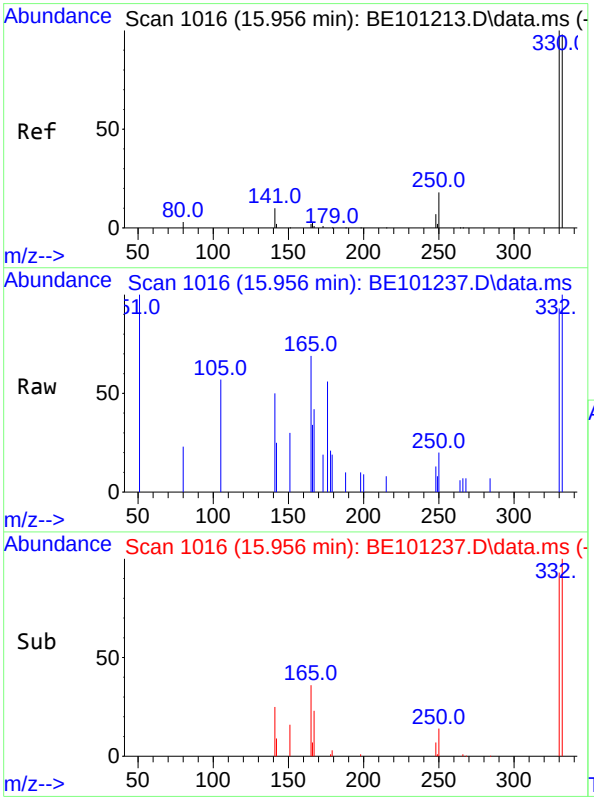


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:164 Resp: 16345

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.3	127.9
160	50.1	39.1	58.7

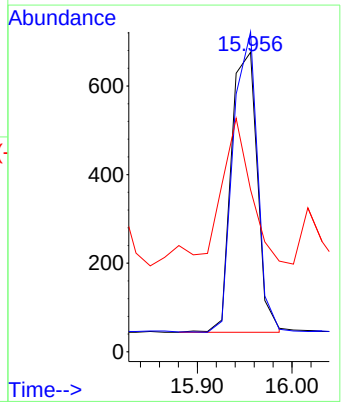




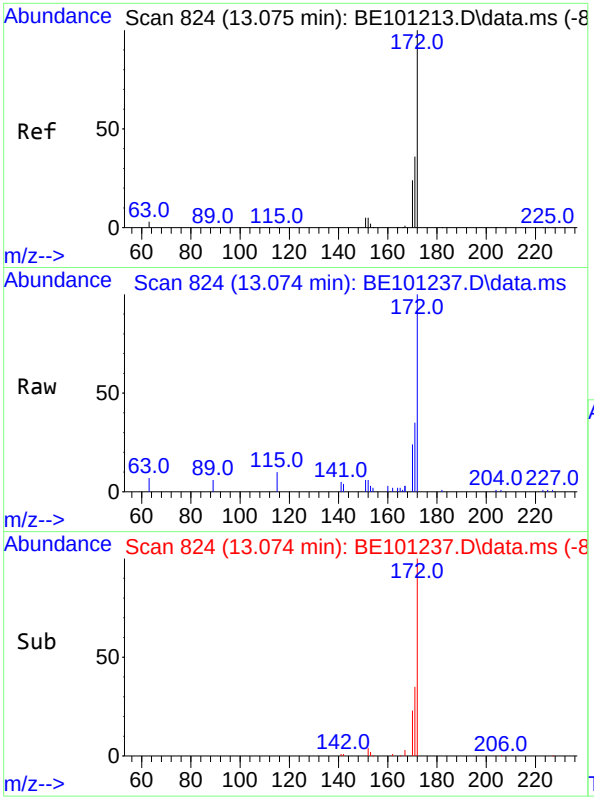
#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:330 Resp: 1207

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.8	116.6
141	53.9	30.4	45.6#



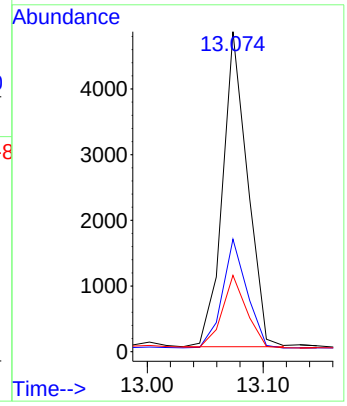
Instrument :
BNA_E
ClientSampleId :
MW-5DL

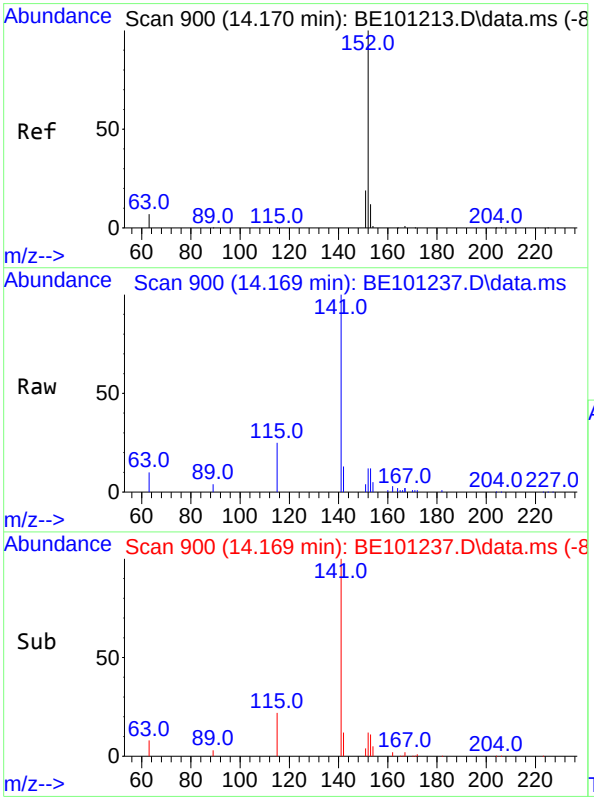


#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:172 Resp: 7174

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.9	19.3	28.9

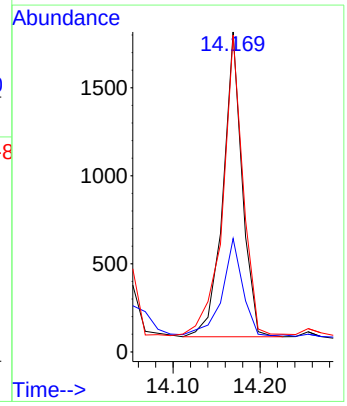


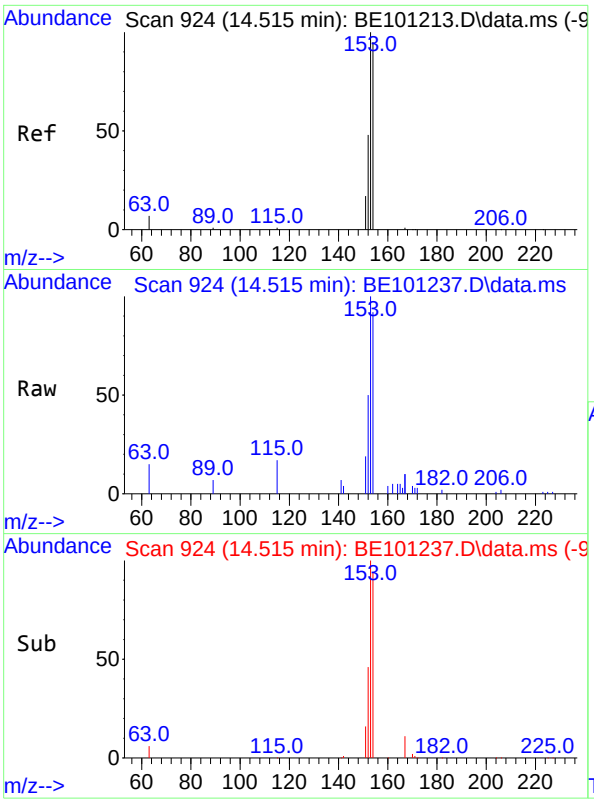


#16
Acenaphthylene
Concen: 0.04 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:152 Resp: 2643

Ion	Ratio	Lower	Upper
152	100		
151	37.0	15.4	23.2#
153	104.7	10.0	15.0#

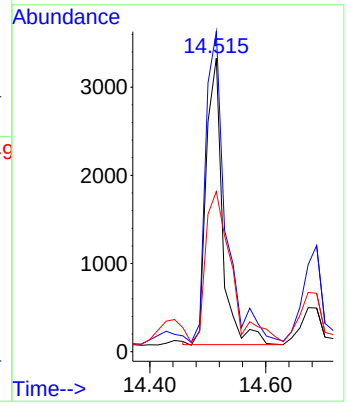




#17
Acenaphthene
Concen: 0.13 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:154 Resp: 6323

Ion	Ratio	Lower	Upper
154	100		
153	133.1	84.9	127.3#
152	83.0	42.7	64.1#



Instrument :
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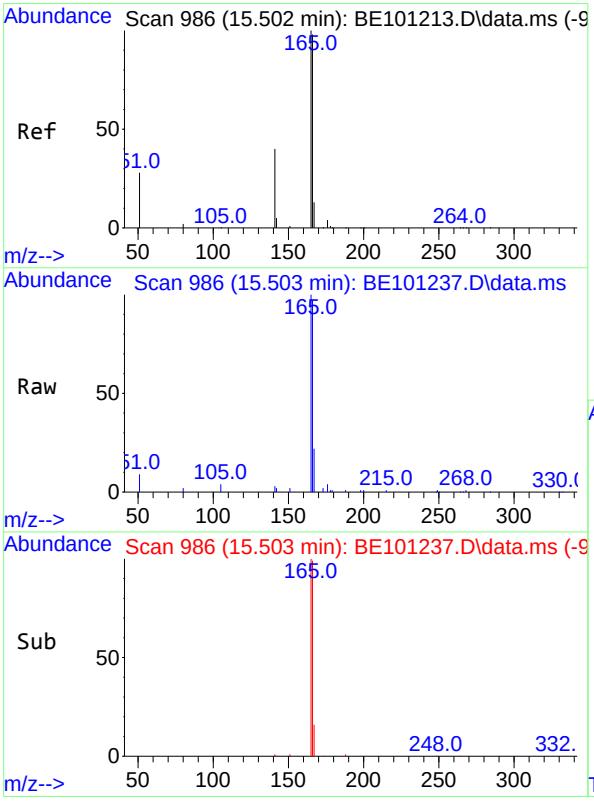
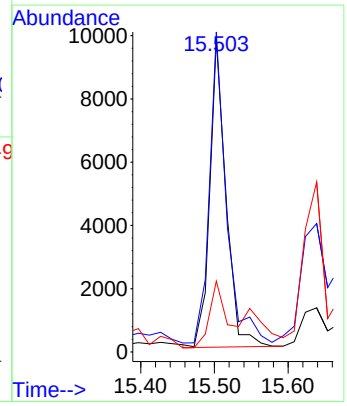


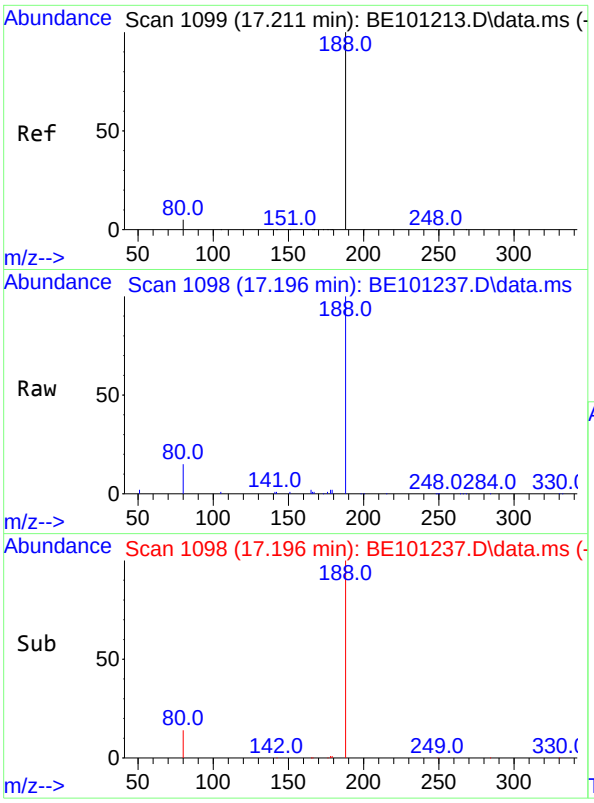
#18
Fluorene
Concen: 0.23 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:166 Resp: 14883

Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.0	118.4
167	24.3	11.0	16.4#



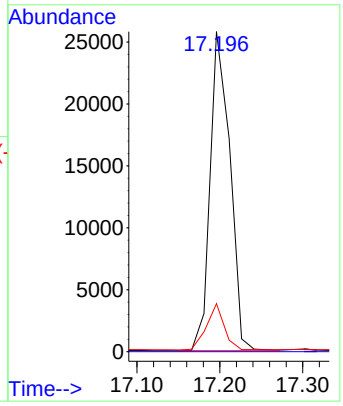
Instrument :
BNA_E
ClientSampleId :
MW-5DL

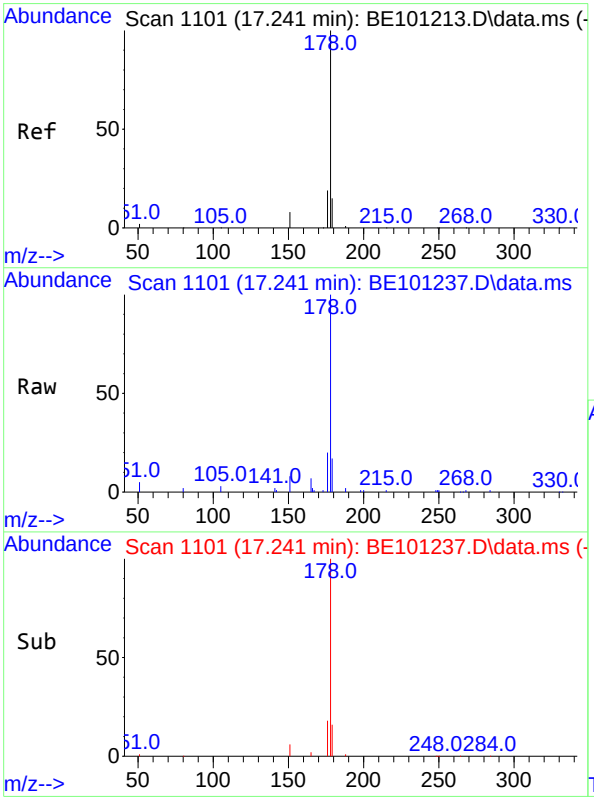


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. -0.014 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:188 Resp: 42796

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	4.6	6.8#

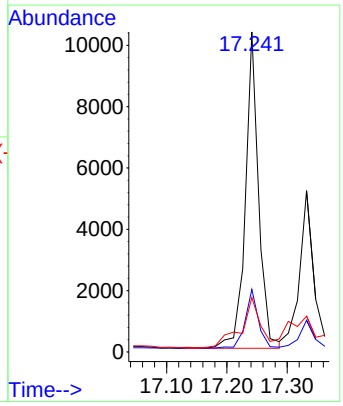




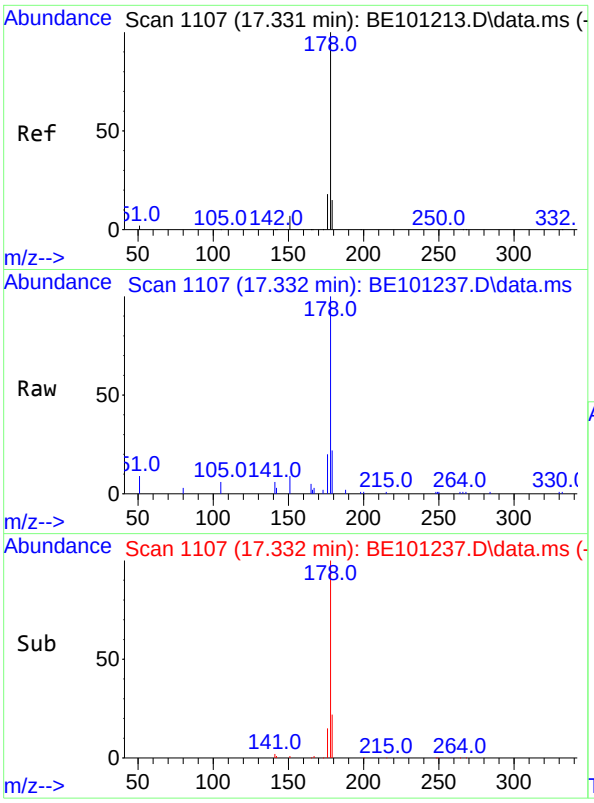
#25
Phenanthrene
Concen: 0.12 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:178 Resp: 15737

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	22.9	12.2	18.4#



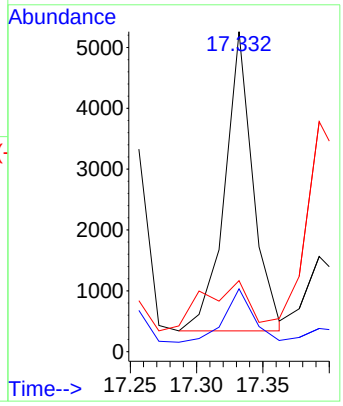
Instrument :
BNA_E
ClientSampleId :
MW-5DL

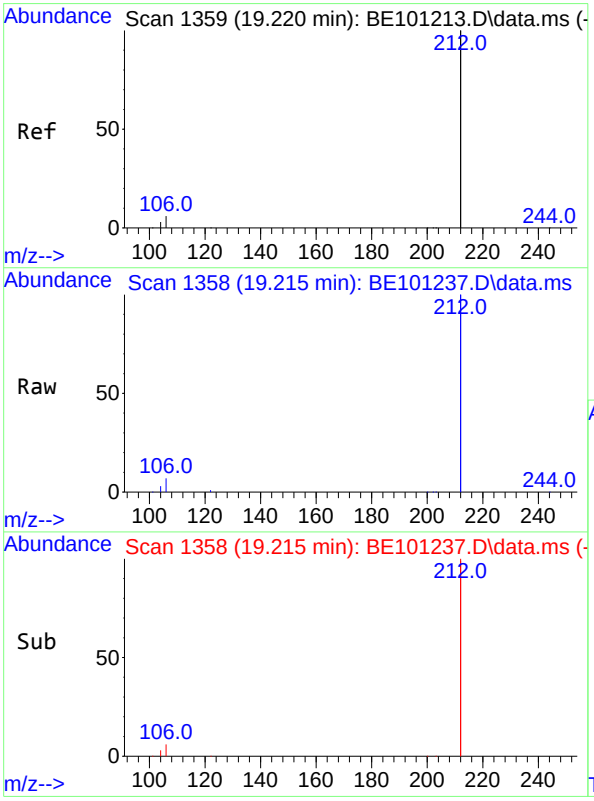


#26
Anthracene
Concen: 0.07 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:178 Resp: 7314

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	27.1	11.8	17.8#

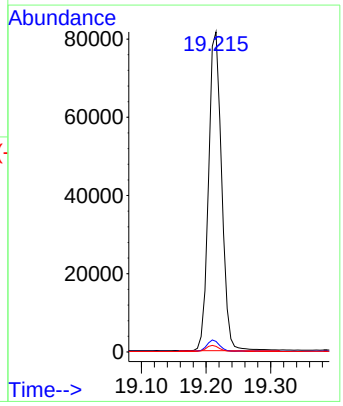


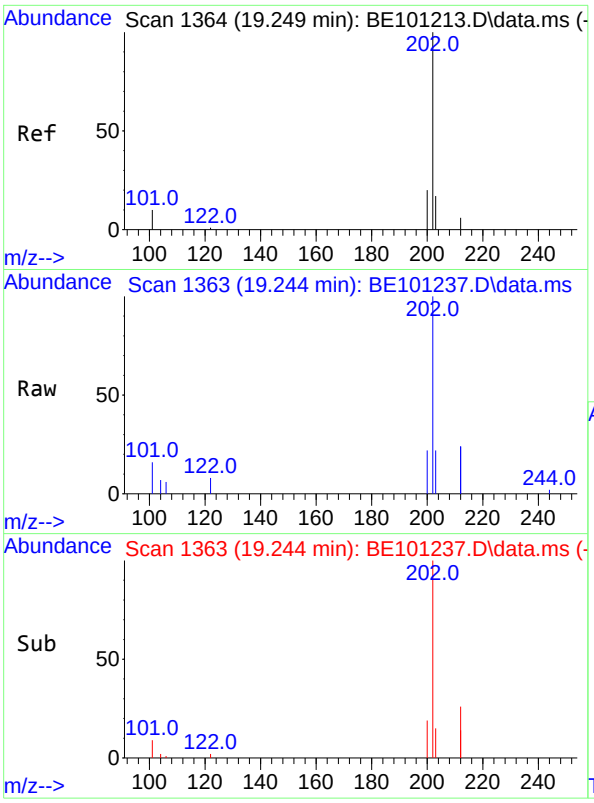


#27
Fluoranthene-d10
Concen: 0.15 ng
RT: 19.215 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:212 Resp: 114345

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.6	4.0
104	2.0	1.4	2.2

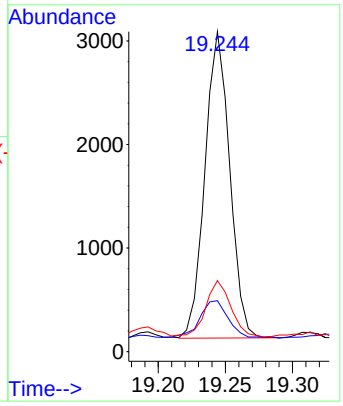




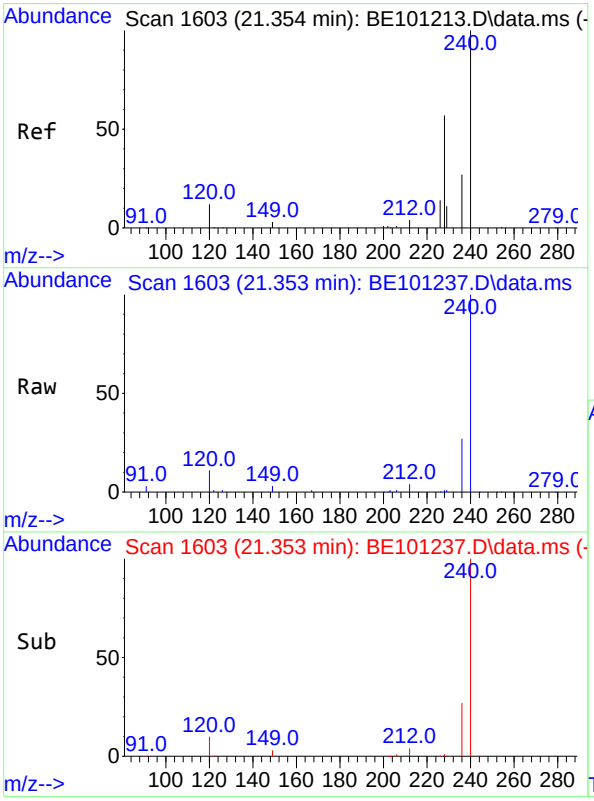
#28
Fluoranthene
Concen: 0.02 ng
RT: 19.244 min Scan# 1363
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:202 Resp: 3803

Ion	Ratio	Lower	Upper
202	100		
101	14.3	9.1	13.7#
203	18.6	13.6	20.4



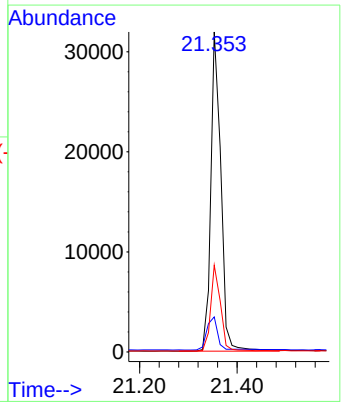
Instrument :
BNA_E
ClientSampleId :
MW-5DL



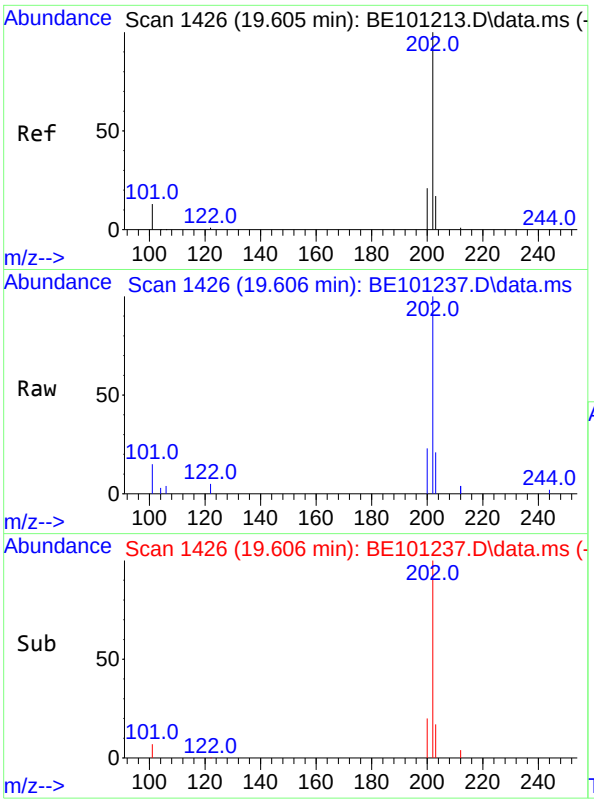
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.353 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:240 Resp: 45747

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.2	15.4
236	27.1	21.7	32.5



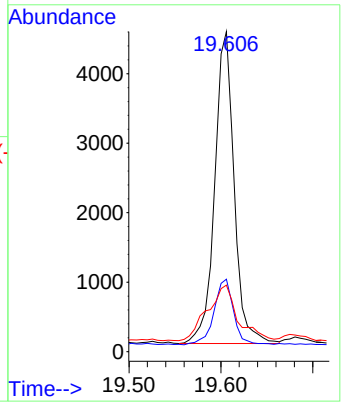
Instrument :
BNA_E
ClientSampleId :
MW-5DL

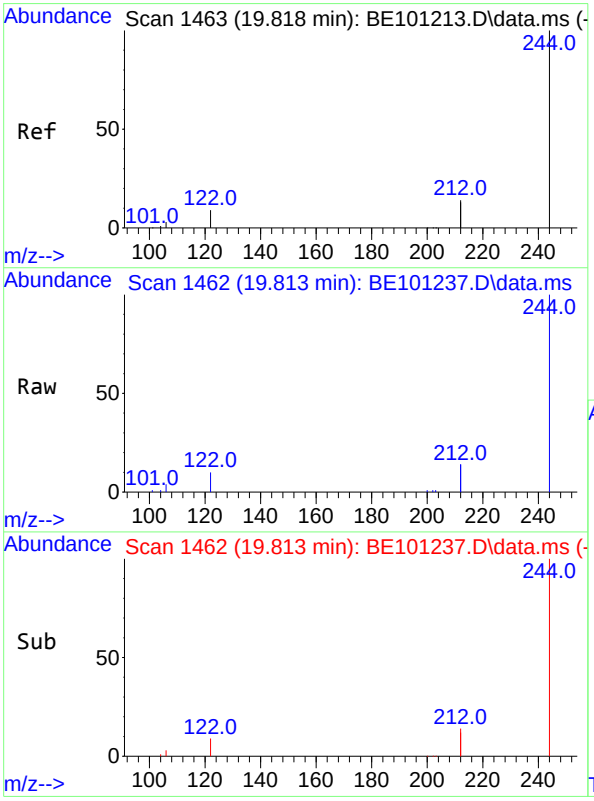


#30
Pyrene
Concen: 0.04 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:202 Resp: 6580

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	27.9	13.8	20.8#

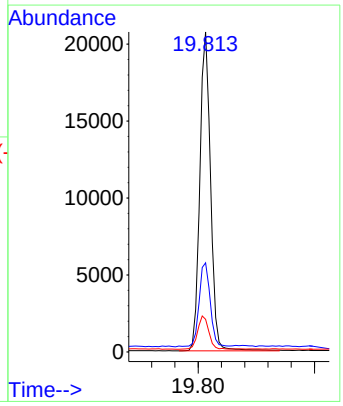




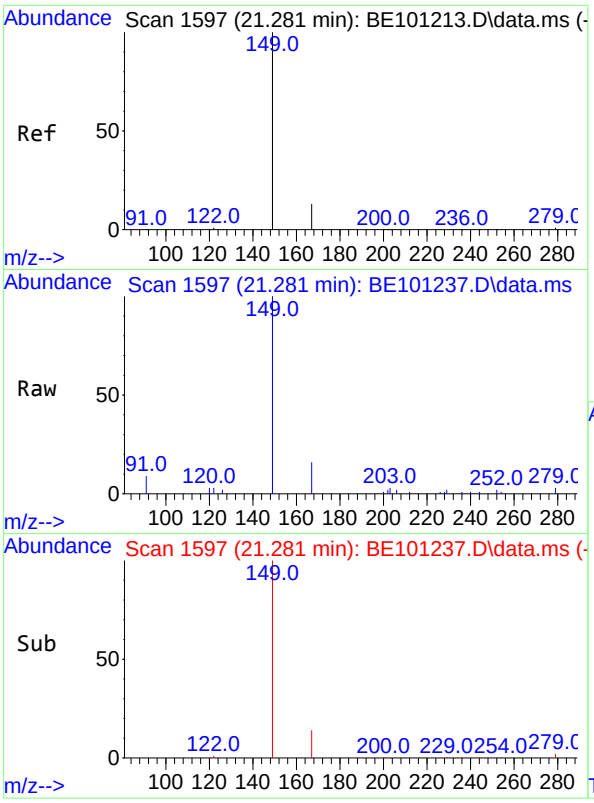
#31
Terphenyl-d14
Concen: 0.22 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:244 Resp: 26597

Ion	Ratio	Lower	Upper
244	100		
212	27.8	21.9	32.9
122	10.2	7.3	10.9



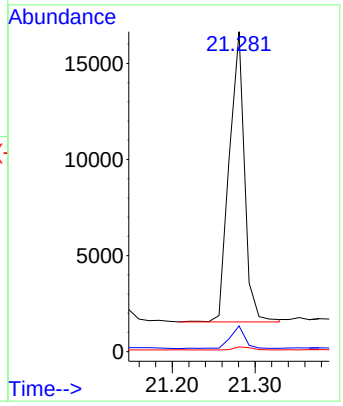
Instrument :
BNA_E
ClientSampleId :
MW-5DL

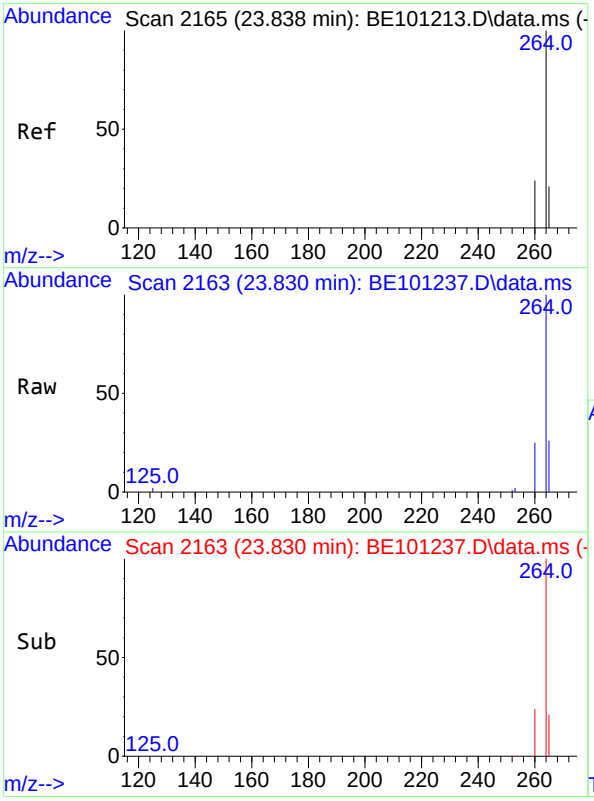


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.281 min Scan# 1597
Delta R.T. -0.001 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:149 Resp: 19348

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.5	8.3
279	1.2	1.0	1.4





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.830 min Scan# 2163
Delta R.T. -0.004 min
Lab File: BE101237.D
Acq: 7 Apr 2021 20:26

Tgt Ion:264 Resp: 32954

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	25.7	22.4	33.6