Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
Data File : BE101226.D
Acq On : 7 Apr 2021 13:37
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-5

Quant Time: Apr 07 14:29:39 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	7.829	152	3993	0.40	ng	# 0.00
7) Naphthalene-d8	10.614	136	20344	0.40	ng	# 0.00
13) Acenaphthene-d10	14.443	164	17614	0.40	ng	0.00
19) Phenanthrene-d10	17.197	188	39793	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	33802	0.40	ng	0.00
36) Perylene-d12	23.831	264	28889	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.422	112	1714	0.18	ng	0.00
5) Phenol-d6	6.988	99	1649	0.11	ng	0.00
8) Nitrobenzene-d5	8.977	82	6122	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	10803	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	2597	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	15670	0.25	ng	0.00
27) Fluoranthene-d10	19.213	212	219401	0.32	ng	0.00
31) Terphenyl-d14	19.817	244	48652	0.54	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.666	128	690725	3.12	ng	# 91
12) 2-Methylnaphthalene	12.267	142	300237	7.55	ng	98
16) Acenaphthylene	14.169	152	5758	0.08	ng	# 1
17) Acenaphthene	14.515	154	13577	0.26	ng	# 67
18) Fluorene	15.503	166	32365	0.47	ng	# 92
25) Phenanthrene	17.242	178	33219	0.28	ng	# 91
26) Anthracene	17.333	178	15351	0.15	ng	# 87
30) Pyrene	19.604	202	12401	0.10	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.281	149	21964	0.32	ng	98

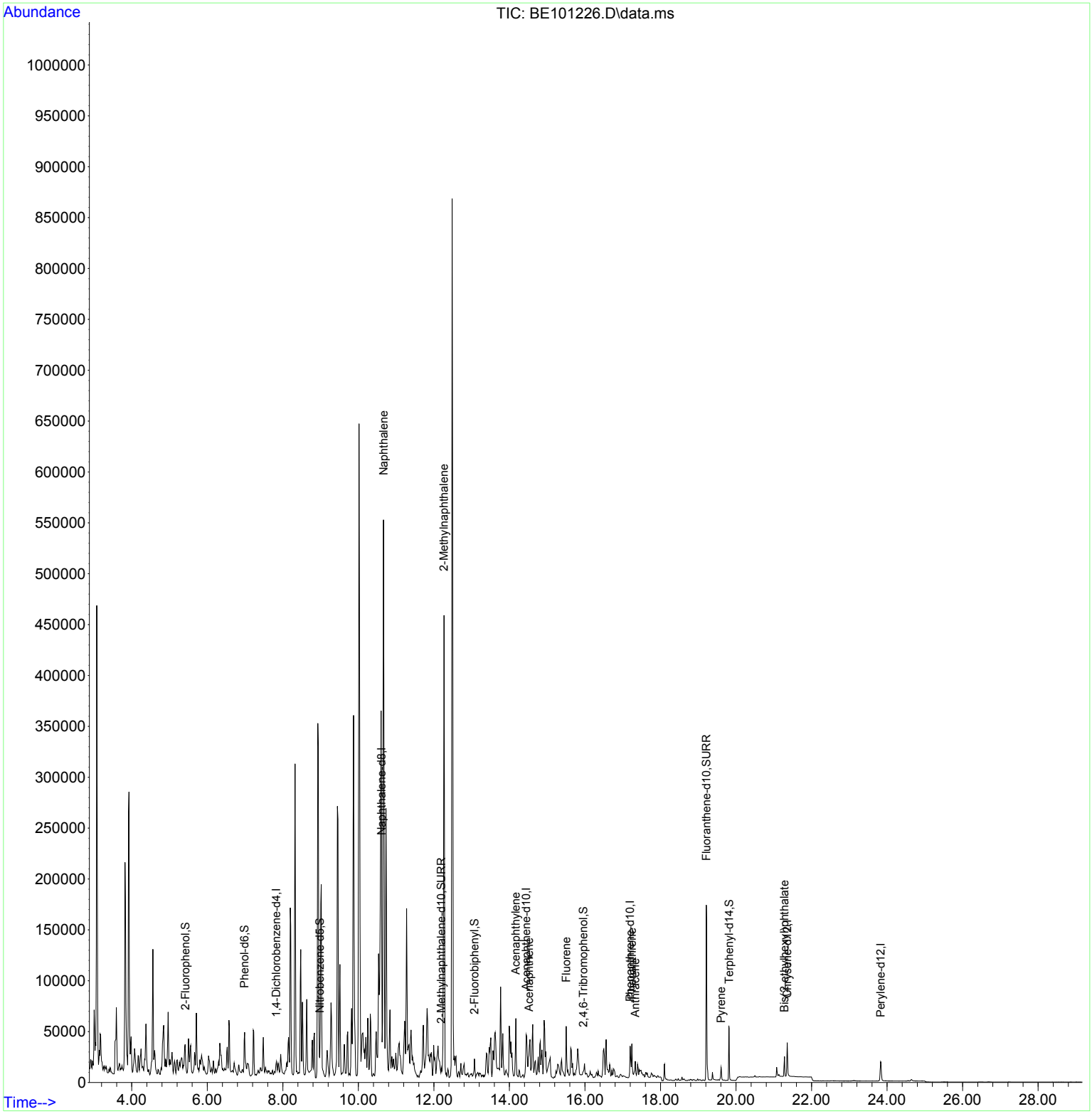
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

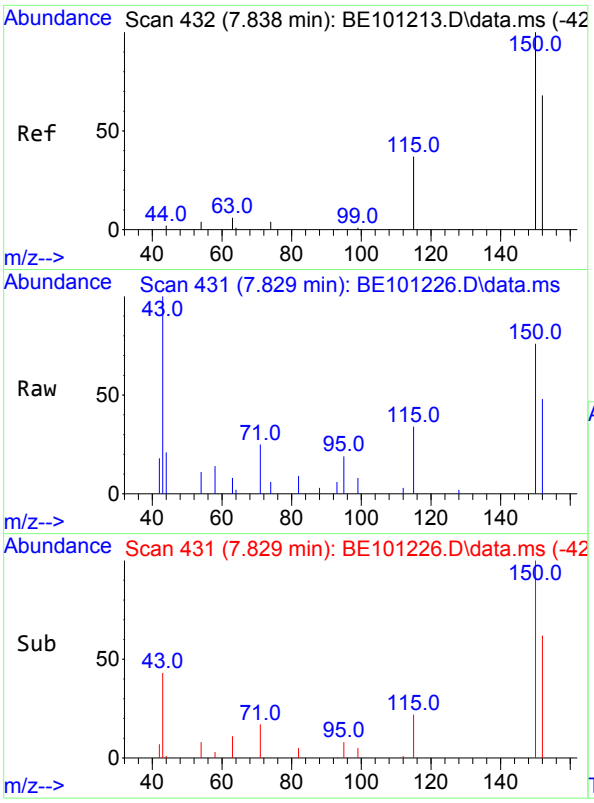
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
Data File : BE101226.D
Acq On : 7 Apr 2021 13:37
Operator : CG/JU
Sample : M1931-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-5

Quant Time: Apr 07 14:29:39 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



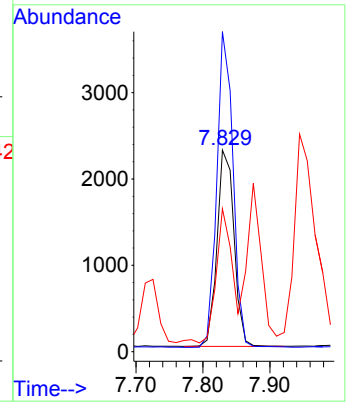
Instrument :
BNA_E
ClientSampleId :
MW-5

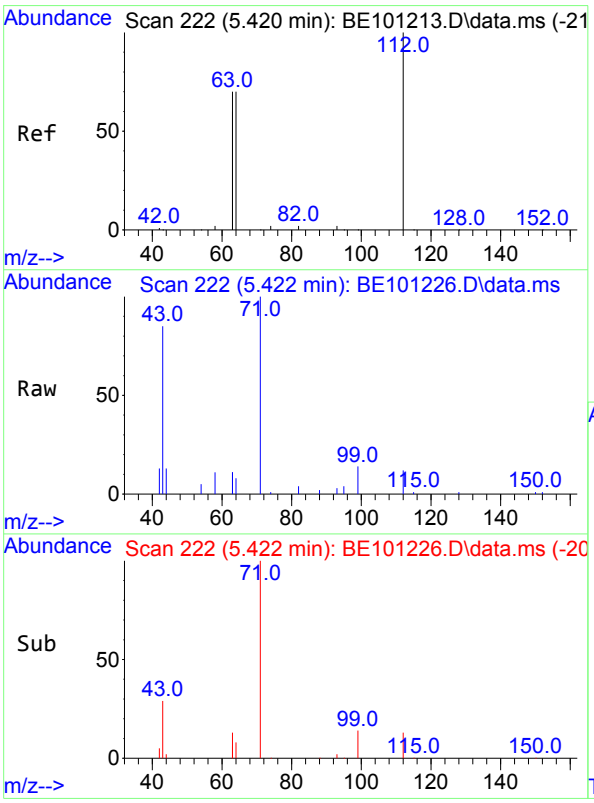


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.829 min Scan# 431
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:152 Resp: 3993

Ion	Ratio	Lower	Upper
152	100		
150	158.7	116.9	175.3
115	70.8	44.5	66.7#

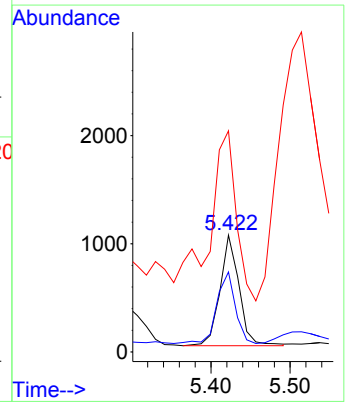


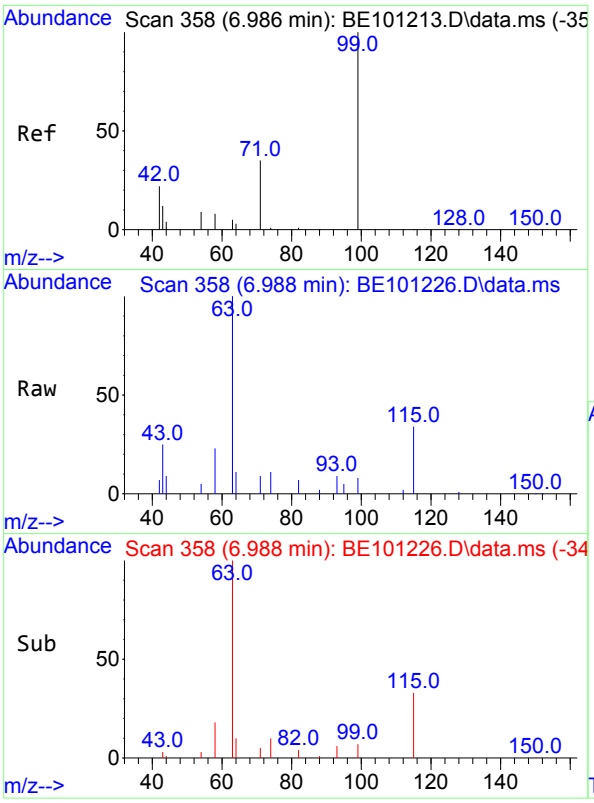


#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.422 min Scan# 222
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:112 Resp: 1714

Ion	Ratio	Lower	Upper
112	100		
64	62.5	62.3	93.5
63	217.3	117.3	175.9#

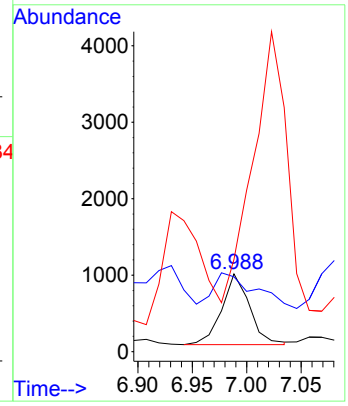




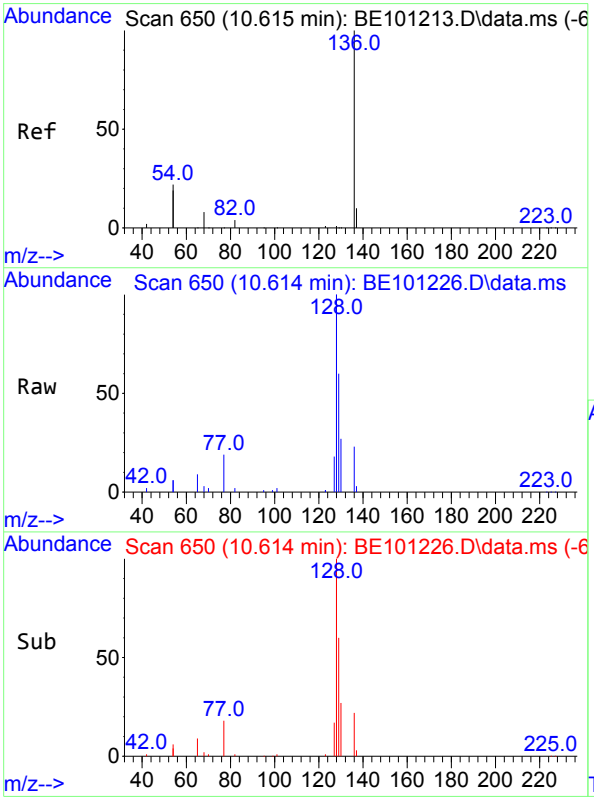
#5
Phenol-d6
Concen: 0.11 ng
RT: 6.988 min Scan# 358
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion: 99 Resp: 1649

Ion	Ratio	Lower	Upper
99	100		
42	80.5	18.5	27.7#
71	0.0	26.5	39.7#



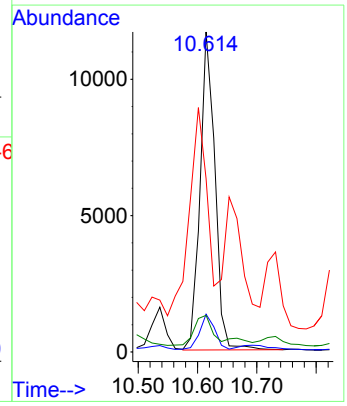
Instrument :
BNA_E
ClientSampleId :
MW-5



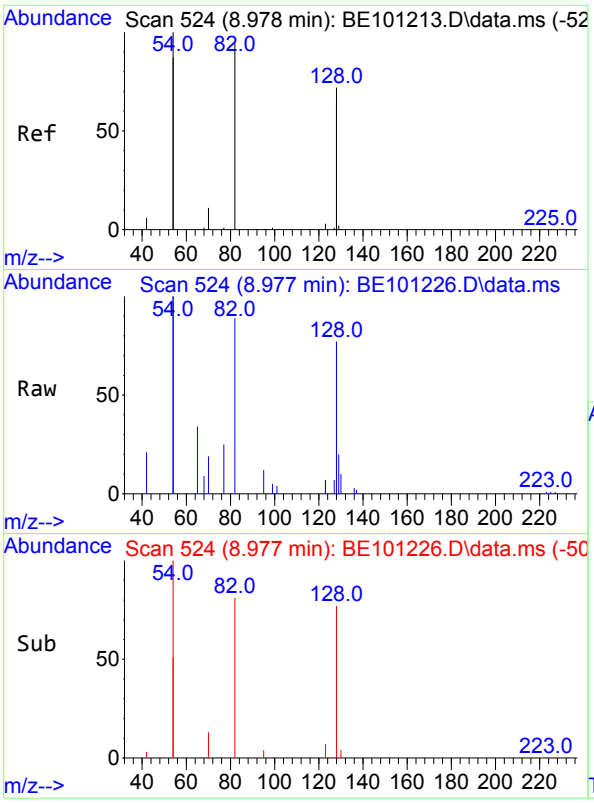
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:136 Resp: 20344

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	13.0
54	54.1	34.7	52.1#
68	11.5	7.0	10.4#



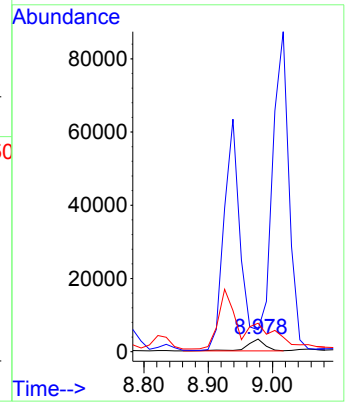
Instrument :
BNA_E
ClientSampleId :
MW-5

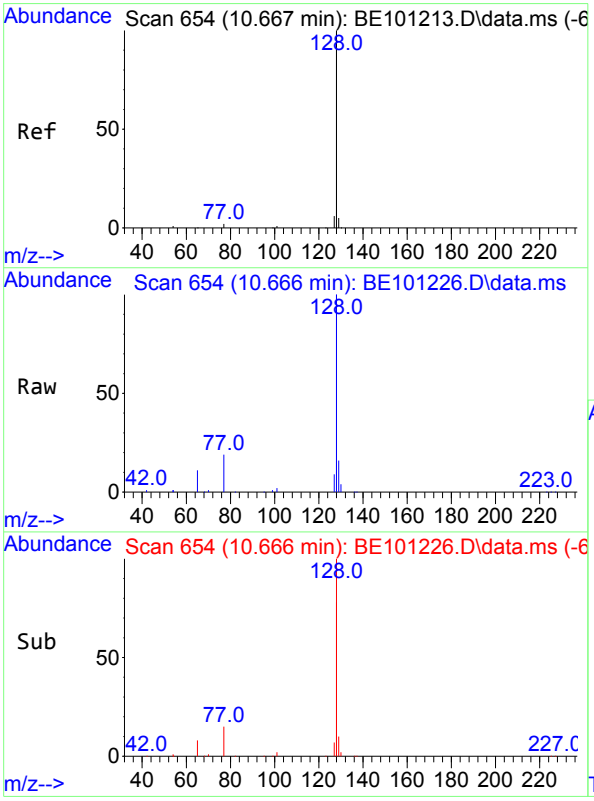


#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion: 82 Resp: 6122

Ion	Ratio	Lower	Upper
82	100		
128	173.1	118.7	178.1
54	225.1	164.4	246.6

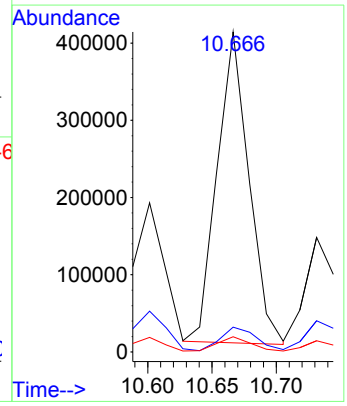




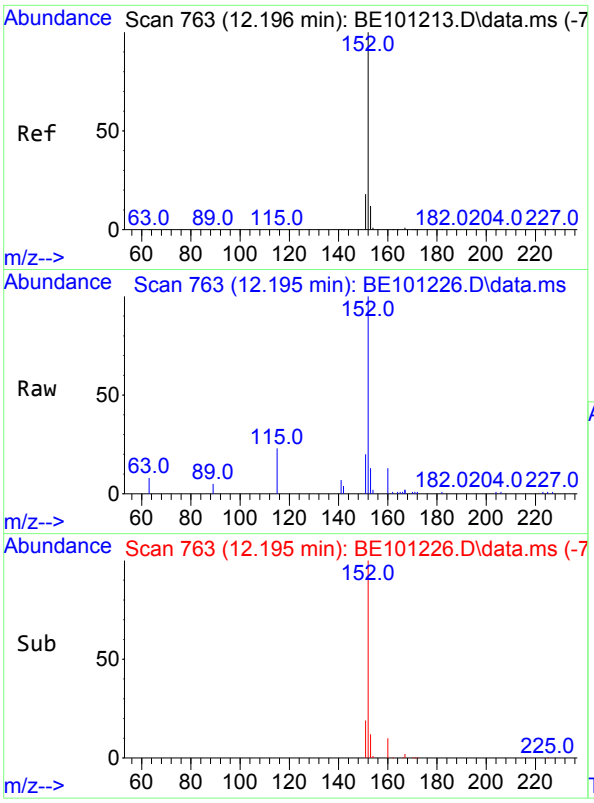
#9
Naphthalene
Concen: 3.12 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:128 Resp: 690725

Ion	Ratio	Lower	Upper
128	100		
129	7.8	2.2	3.4#
127	4.7	2.6	3.8#



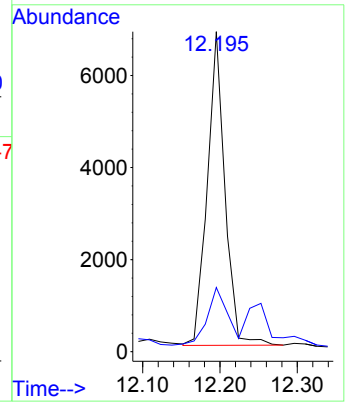
Instrument :
BNA_E
ClientSampleId :
MW-5

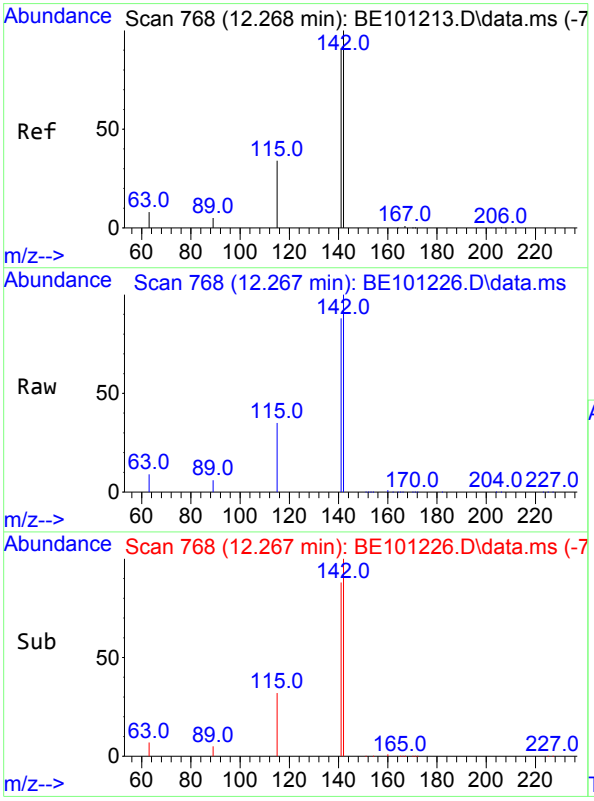


#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:152 Resp: 10803

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.5	24.7

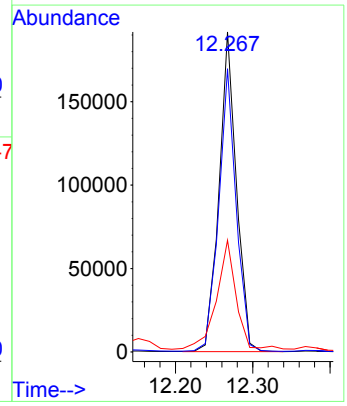


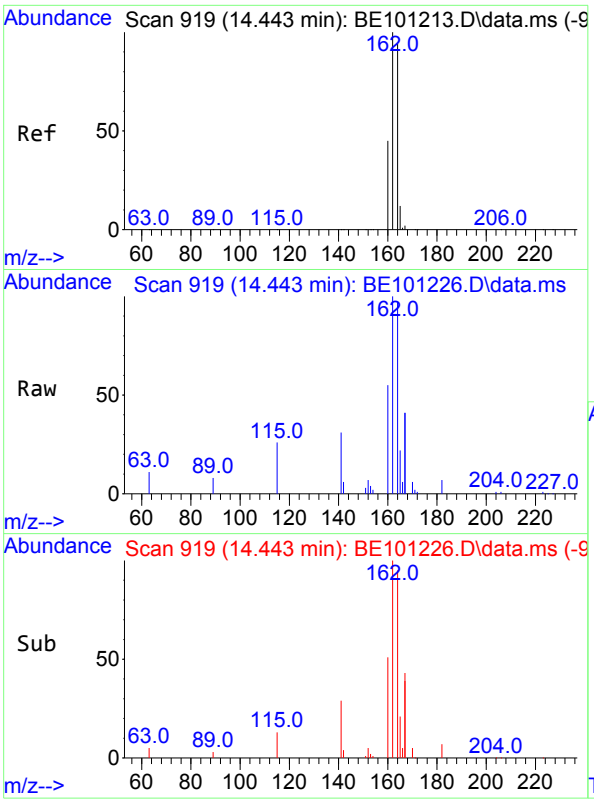


#12
2-Methylnaphthalene
Concen: 7.55 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:142 Resp: 300237

Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.0	109.6
115	34.9	27.8	41.8

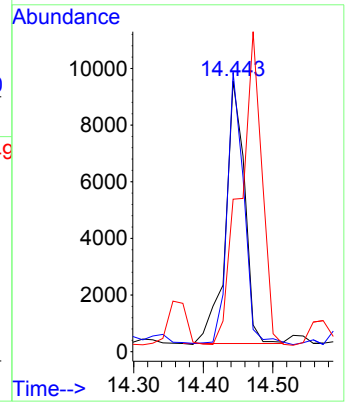




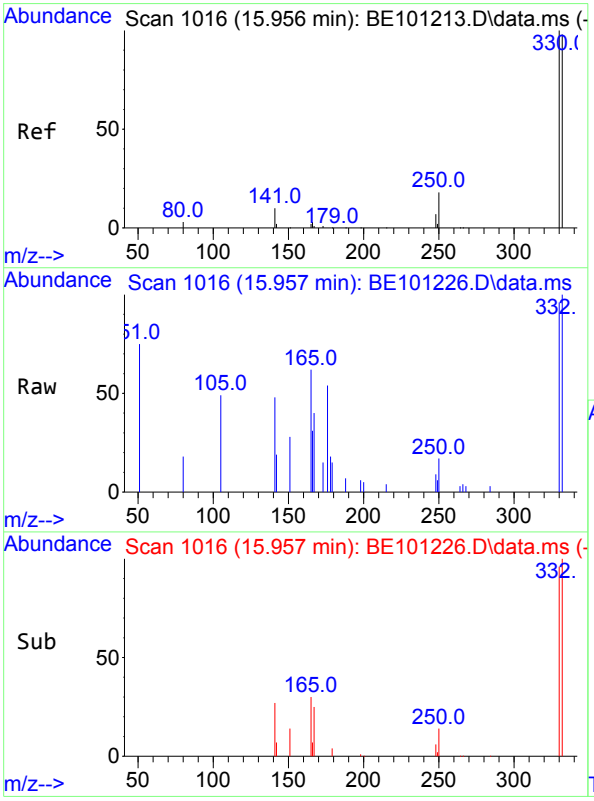
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:164 Resp: 17614

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.3	127.9
160	56.4	39.1	58.7



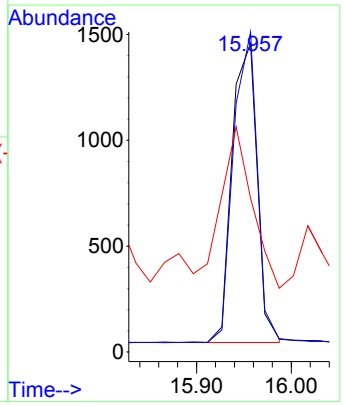
Instrument :
BNA_E
ClientSampleId :
MW-5

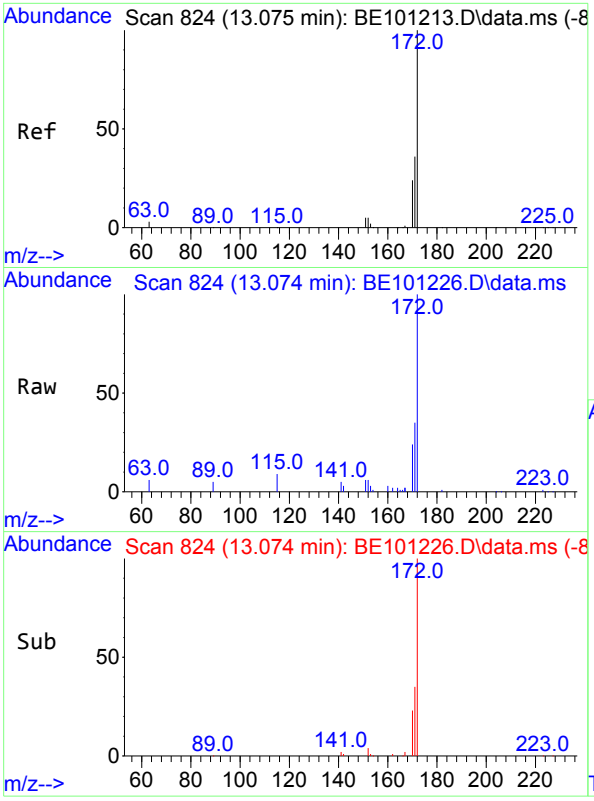


#14
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.002 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:330 Resp: 2597

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.8	116.6
141	67.1	30.4	45.6#

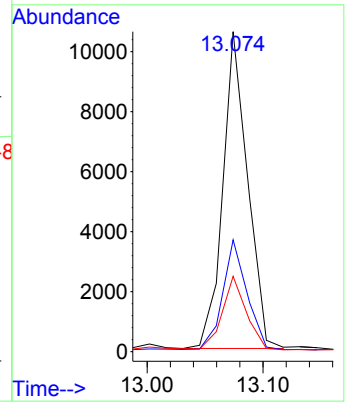


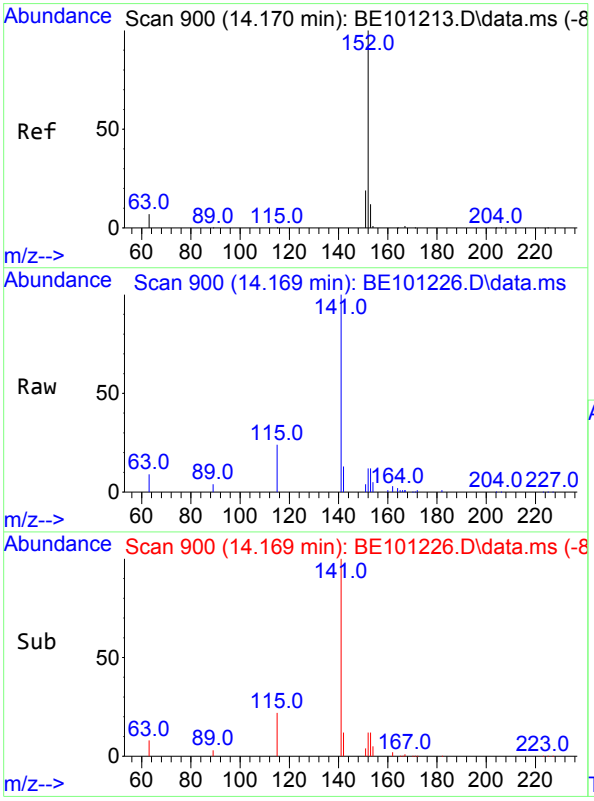


#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:172 Resp: 15670

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.5	19.3	28.9

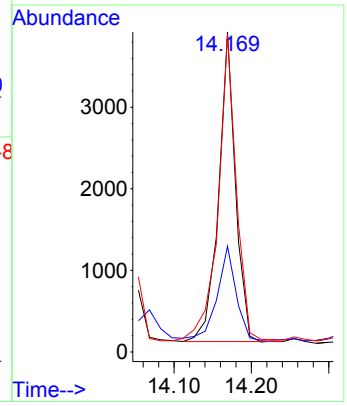




#16
Acenaphthylene
Concen: 0.08 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:152 Resp: 5758

Ion	Ratio	Lower	Upper
152	100		
151	33.1	15.4	23.2#
153	105.7	10.0	15.0#



Instrument :
BNA_E
ClientSampleId :
MW-5

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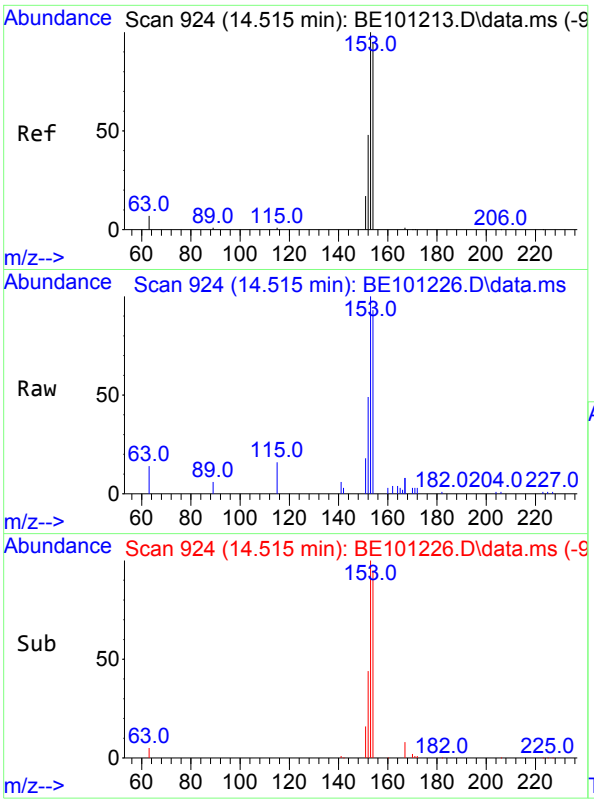
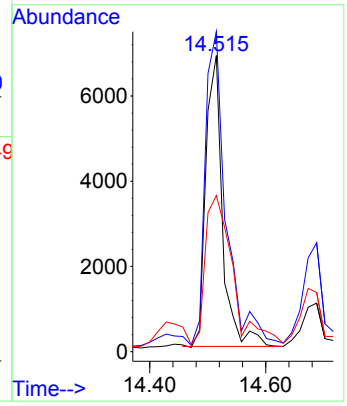
BNA_E
ClientSampleId :
MW-5

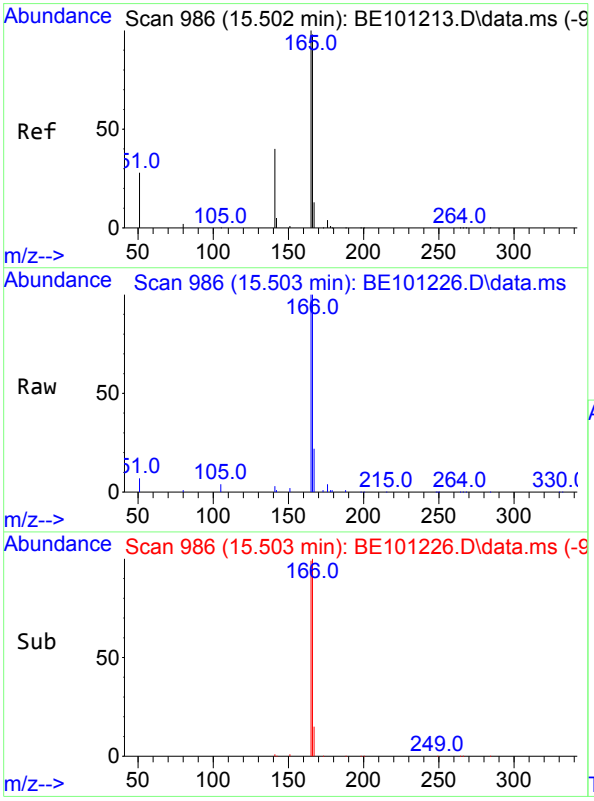


#17
Acenaphthene
Concen: 0.26 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:154 Resp: 13577

Ion	Ratio	Lower	Upper
154	100		
153	135.0	84.9	127.3#
152	83.5	42.7	64.1#

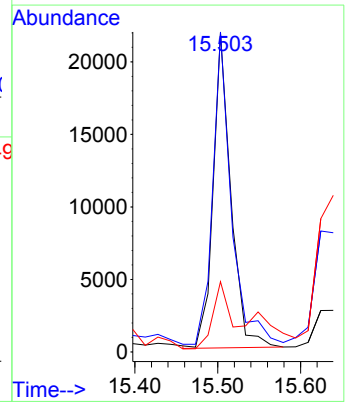




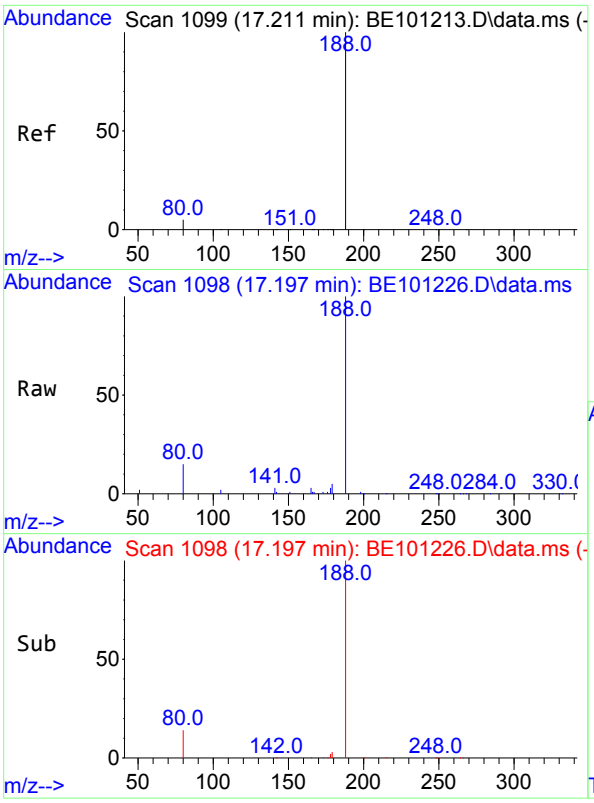
#18
Fluorene
Concen: 0.47 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.002 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:166 Resp: 32365

Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.0	118.4
167	24.4	11.0	16.4#



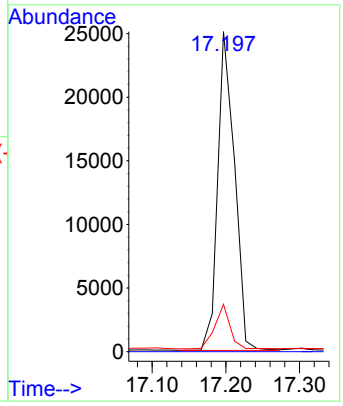
Instrument :
BNA_E
ClientSampleId :
MW-5

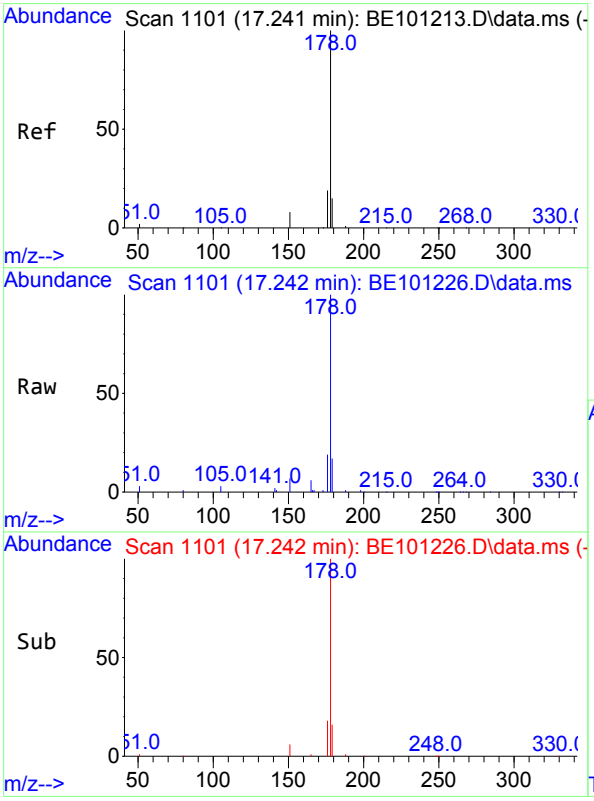


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.197 min Scan# 1098
Delta R.T. -0.013 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:188 Resp: 39793

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.8	4.6	6.8#

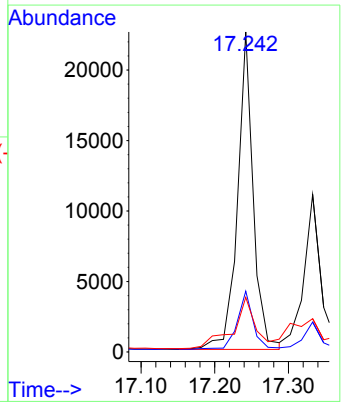




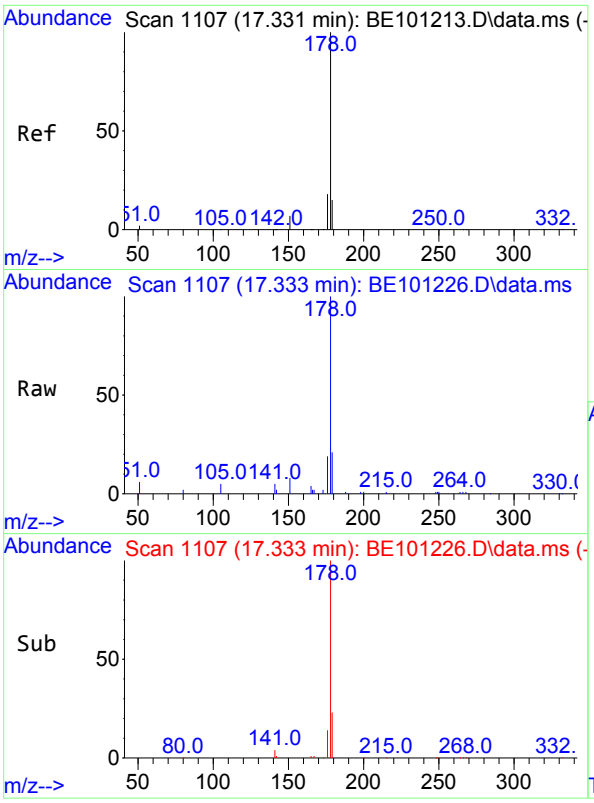
#25
Phenanthrene
Concen: 0.28 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.002 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:178 Resp: 33219

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	23.2	12.2	18.4#



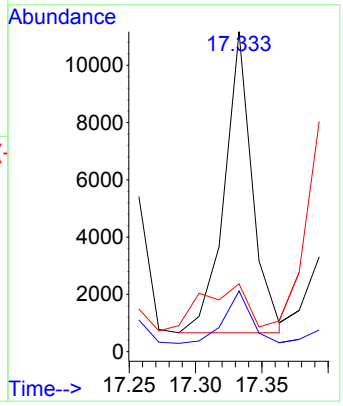
Instrument :
BNA_E
ClientSampleId :
MW-5

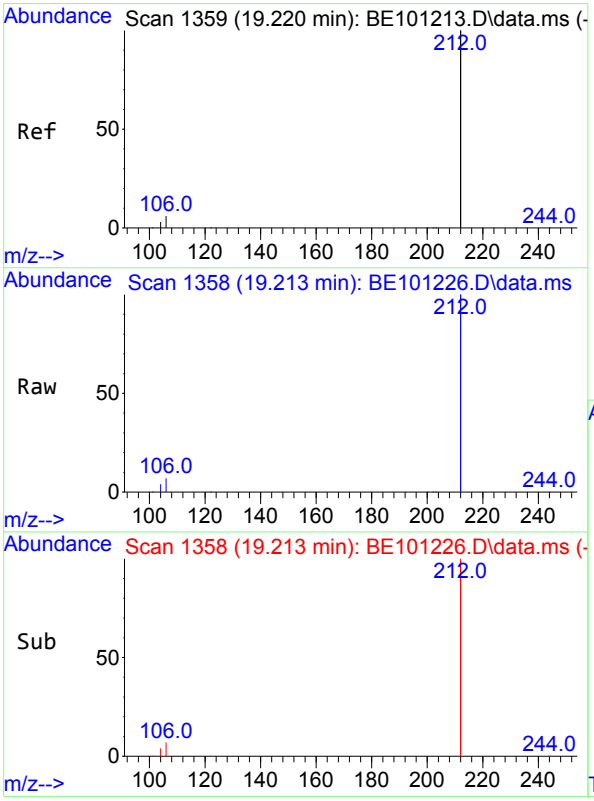


#26
Anthracene
Concen: 0.15 ng
RT: 17.333 min Scan# 1107
Delta R.T. 0.002 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:178 Resp: 15351

Ion	Ratio	Lower	Upper
178	100		
176	16.8	14.4	21.6
179	25.7	11.8	17.8#

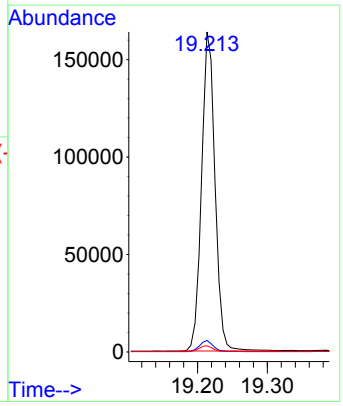




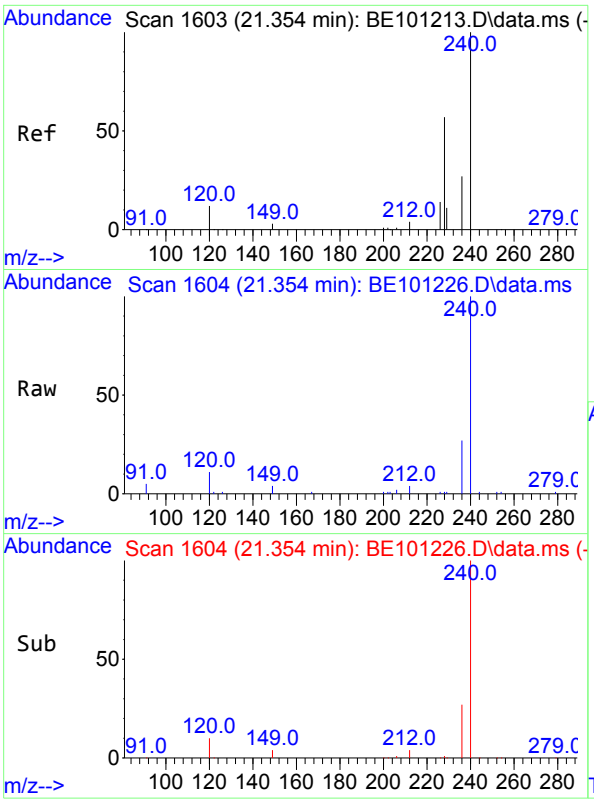
#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.213 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:212 Resp: 219401

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.9	1.4	2.2



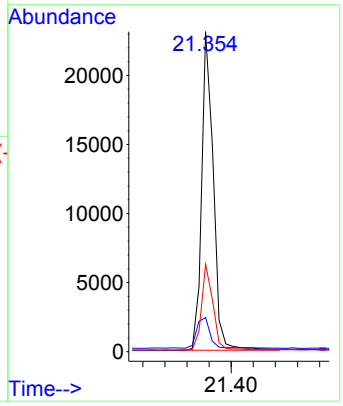
Instrument :
BNA_E
ClientSampleId :
MW-5

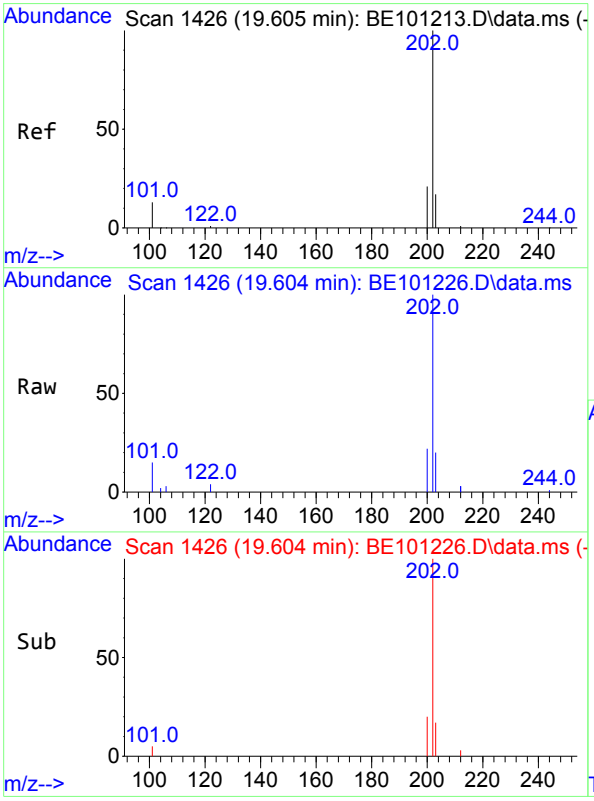


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:240 Resp: 33802

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.2	15.4
236	27.4	21.7	32.5

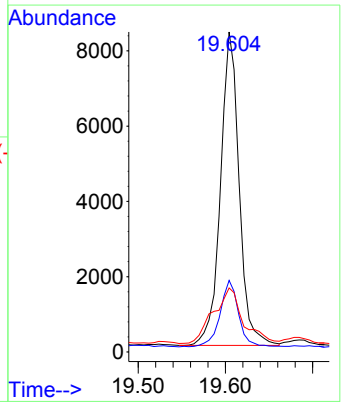




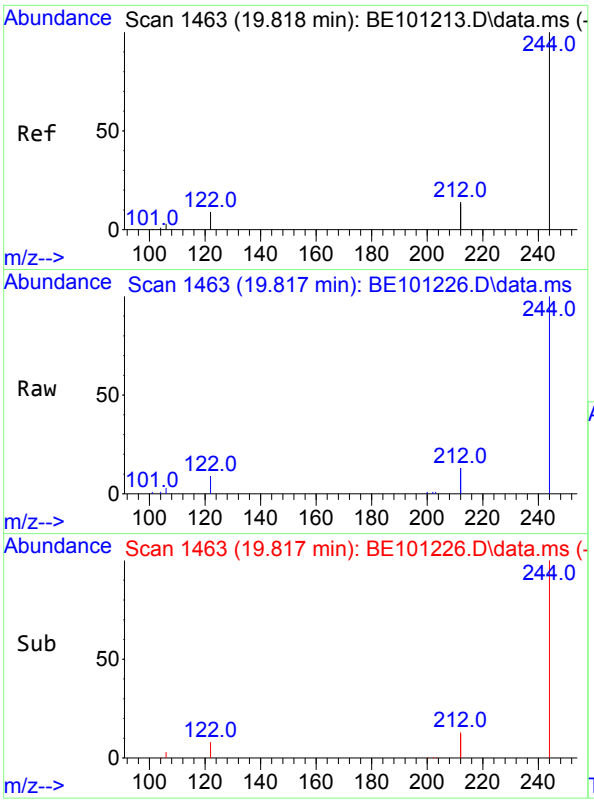
#30
Pyrene
Concen: 0.10 ng
RT: 19.604 min Scan# 1426
Delta R.T. -0.001 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:202 Resp: 12401

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	28.2	13.8	20.8#



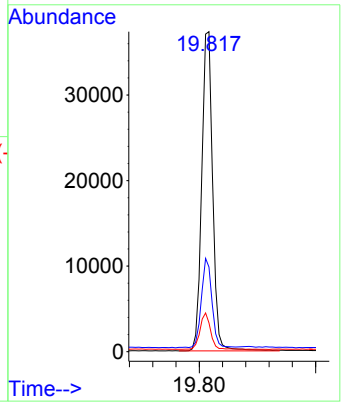
Instrument :
BNA_E
ClientSampleId :
MW-5

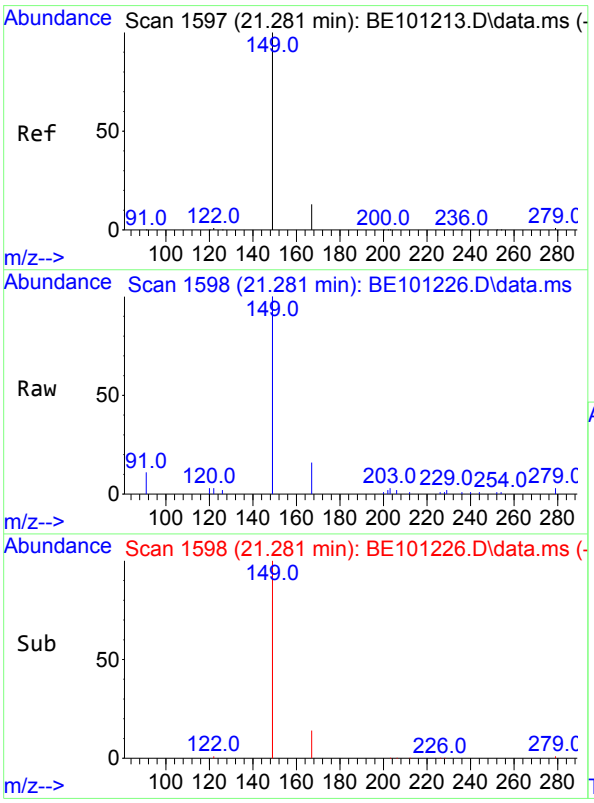


#31
Terphenyl-d14
Concen: 0.54 ng
RT: 19.817 min Scan# 1463
Delta R.T. 0.005 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:244 Resp: 48652

Ion	Ratio	Lower	Upper
244	100		
212	26.4	21.9	32.9
122	9.0	7.3	10.9

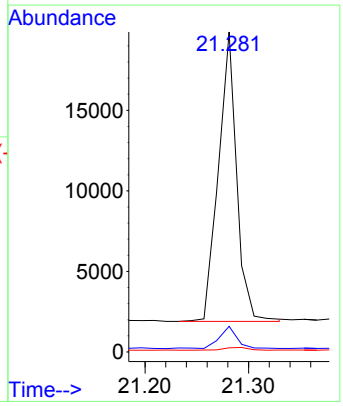


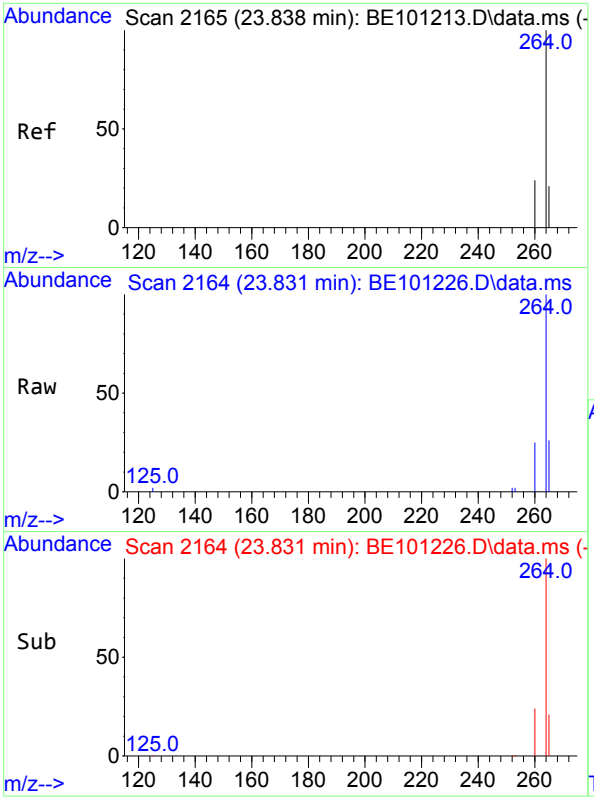


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.281 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:149 Resp: 21964

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.5	8.3
279	1.2	1.0	1.4

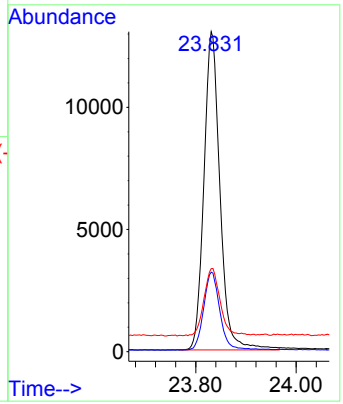




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.831 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BE101226.D
Acq: 7 Apr 2021 13:37

Tgt Ion:264 Resp: 28889

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	26.0	22.4	33.6



Instrument :
BNA_E
ClientSampleId :
MW-5