Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041221\
Data File : BE101287.D
Acq On : 12 Apr 2021 19:57
Operator : CG/JU
Sample : M1966-03DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-110RRDL

Quant Time: Apr 13 01:45:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 18:02:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.830	152	2510	0.40	ng		0.00
7) Naphthalene-d8	10.614	136	12596	0.40	ng		0.00
13) Acenaphthene-d10	14.442	164	10133	0.40	ng		0.00
19) Phenanthrene-d10	17.196	188	27886	0.40	ng	#	0.00
29) Chrysene-d12	21.353	240	38915	0.40	ng		0.00
36) Perylene-d12	23.841	264	27897	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.412	112	973	0.13	ng		-0.02
5) Phenol-d6	7.001	99	381	0.03	ng		0.00
8) Nitrobenzene-d5	8.978	82	1705	0.15	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	3321	0.11	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	400	0.13	ng		0.00
15) 2-Fluorobiphenyl	13.073	172	4993	0.14	ng		0.00
27) Fluoranthene-d10	19.216	212	70437	0.14	ng		0.00
31) Terphenyl-d14	19.813	244	16813	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	431	0.10	ng	#	1
9) Naphthalene	10.666	128	476488	3.50	ng		100
12) 2-Methylnaphthalene	12.267	142	1644	0.07	ng	#	94
16) Acenaphthylene	14.168	152	3549	0.09	ng	#	87
17) Acenaphthene	14.500	154	5290	0.18	ng		98
18) Fluorene	15.503	166	8093	0.21	ng	#	97
20) 4,6-Dinitro-2-methylph...	15.594	198	33	0.19	ng	#	1
24) Pentachlorophenol	16.864	266	146	0.34	ng	#	87
25) Phenanthrene	17.242	178	30060	0.37	ng	#	94
26) Anthracene	17.332	178	19172	0.26	ng	#	82
28) Fluoranthene	19.245	202	31492	0.30	ng		99
30) Pyrene	19.606	202	27533	0.22	ng		98
32) Benzo(a)anthracene	21.341	228	13825	0.11	ng		95
33) Chrysene	21.390	228	11585	0.09	ng	#	92
34) Bis(2-ethylhexyl)phtha...	21.269	149	14660	0.09	ng		100
35) Indeno(1,2,3-cd)pyrene	26.452	276	4590	0.04	ng		98
37) Benzo(b)fluoranthene	23.078	252	9725	0.10	ng	#	88
38) Benzo(k)fluoranthene	23.128	252	7742	0.08	ng	#	85
39) Benzo(a)pyrene	23.727	252	6419	0.08	ng	#	83
40) Dibenzo(a,h)anthracene	26.481	278	3301	0.04	ng	#	80
41) Benzo(g,h,i)perylene	27.255	276	4166	0.05	ng	#	88

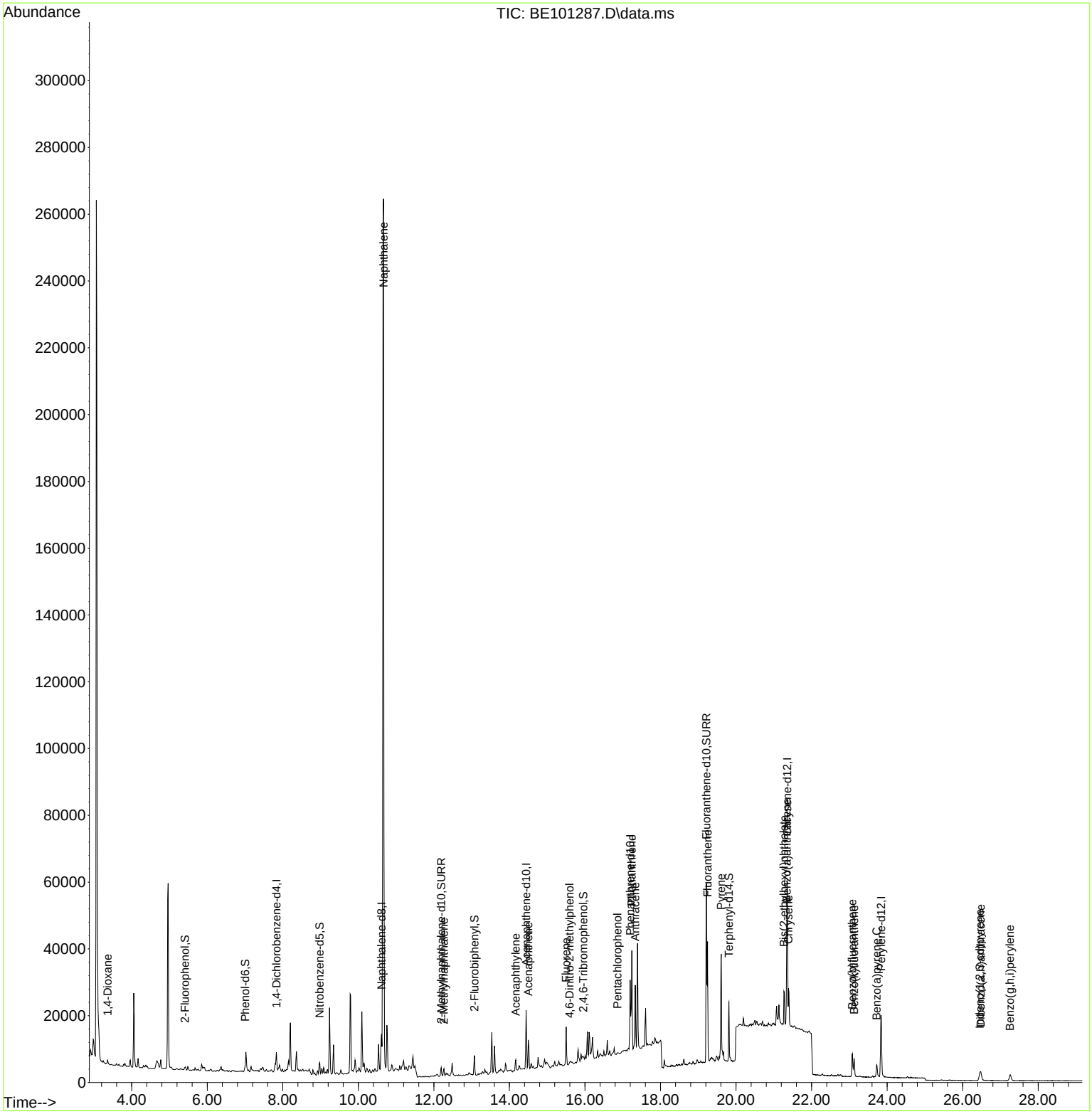
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

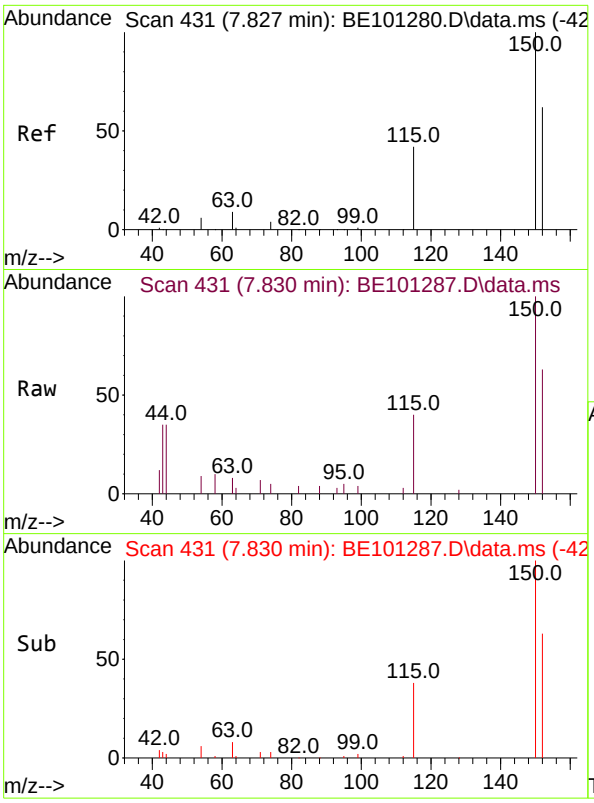
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041221\
Data File : BE101287.D
Acq On : 12 Apr 2021 19:57
Operator : CG/JU
Sample : M1966-03DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

Quant Time: Apr 13 01:45:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 18:02:55 2021
Response via : Initial Calibration



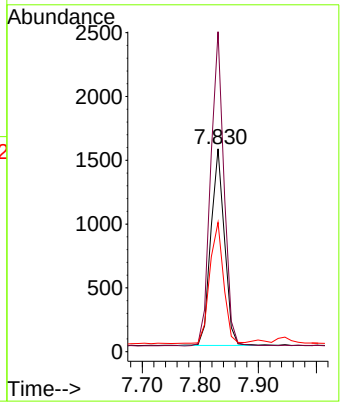
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

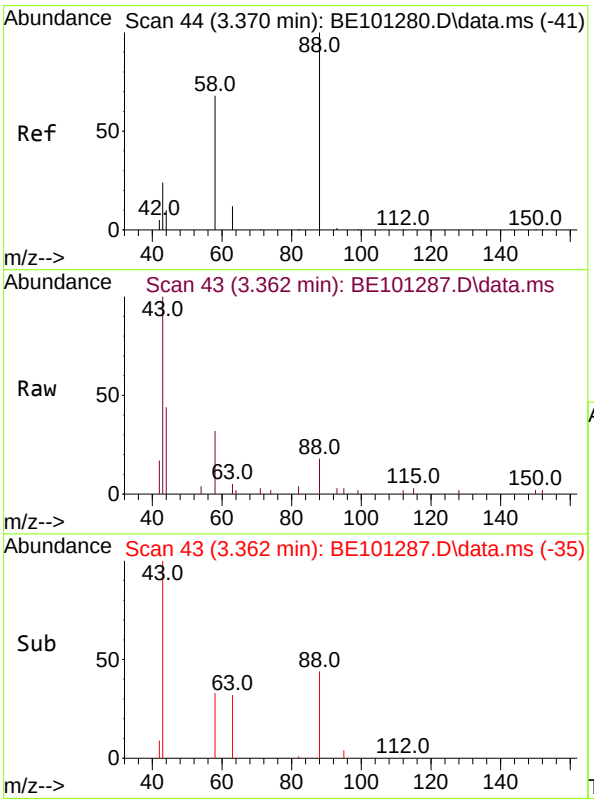


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.830 min Scan# 431
Delta R.T. 0.003 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:152 Resp: 2510

Ion	Ratio	Lower	Upper
152	100		
150	157.7	116.9	175.3
115	63.8	44.5	66.7

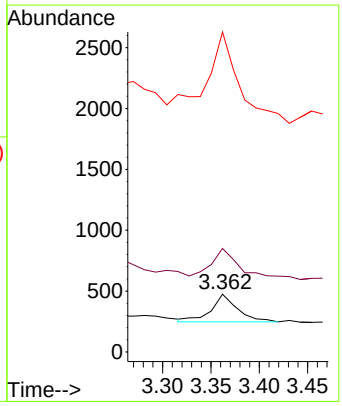




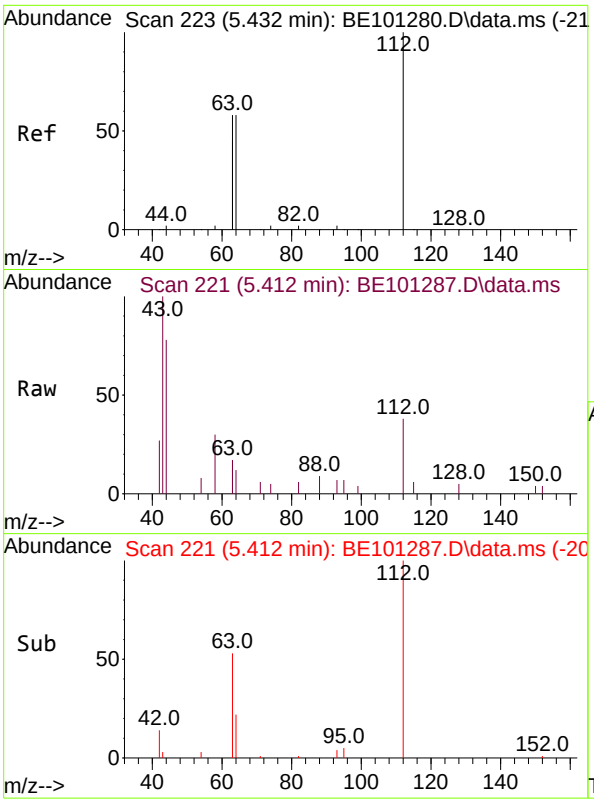
#2
1,4-Dioxane
Concen: 0.10 ng
RT: 3.362 min Scan# 43
Delta R.T. -0.009 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion: 88 Resp: 431

Ion	Ratio	Lower	Upper
88	100		
58	93.7	73.6	110.4
43	371.5	27.6	41.4#



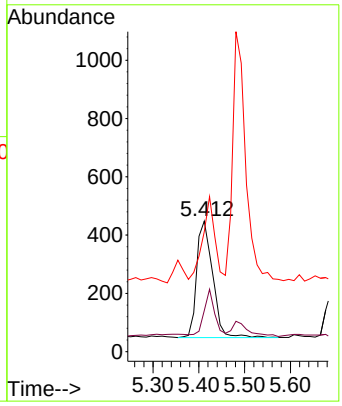
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

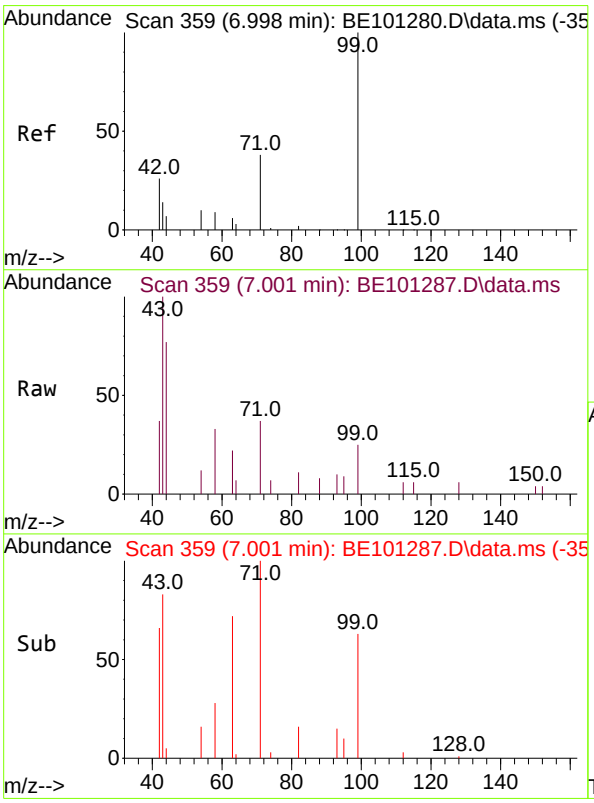


#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.412 min Scan# 221
Delta R.T. -0.020 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:112 Resp: 973

Ion	Ratio	Lower	Upper
112	100		
64	26.3	62.3	93.5#
63	57.1	117.3	175.9#

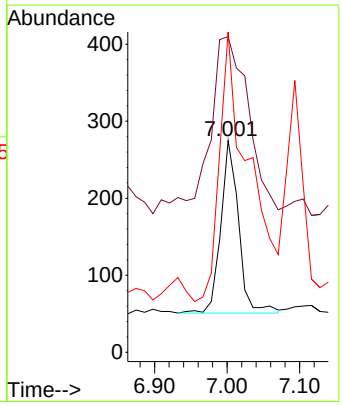


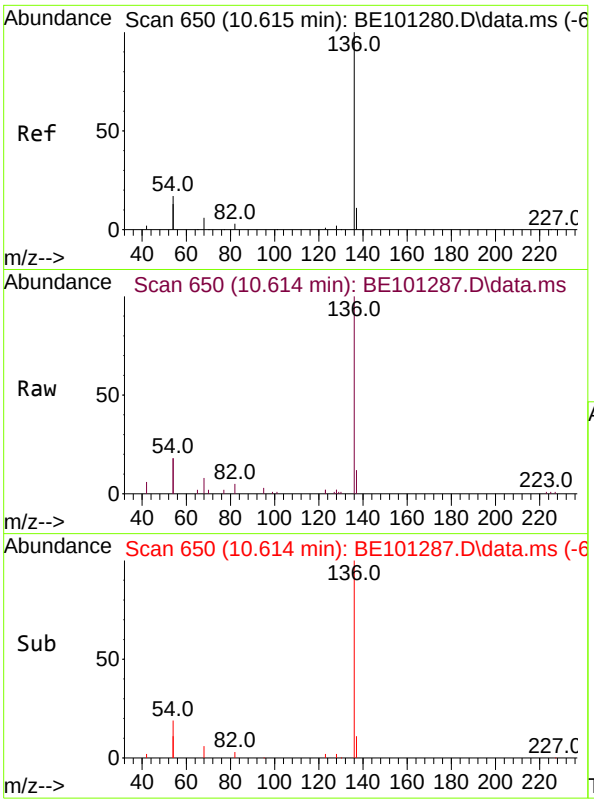


#5
Phenol-d6
Concen: 0.03 ng
RT: 7.001 min Scan# 359
Delta R.T. 0.003 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion: 99 Resp: 381

Ion	Ratio	Lower	Upper
99	100		
42	205.2	18.5	27.7#
71	257.2	26.5	39.7#

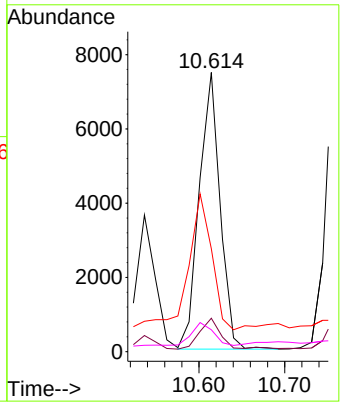




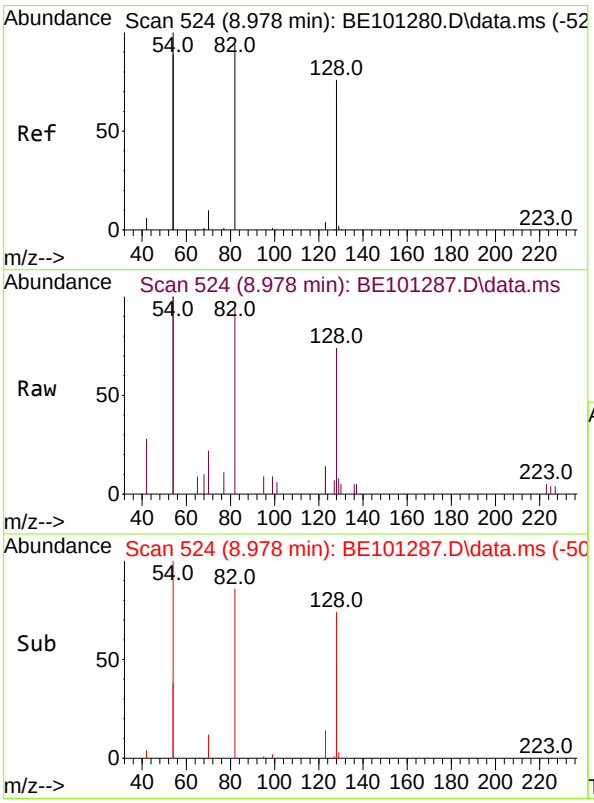
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:136 Resp: 12596

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.6	13.0
54	36.9	34.7	52.1
68	7.8	7.0	10.4



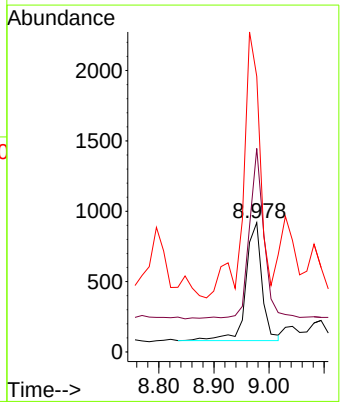
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

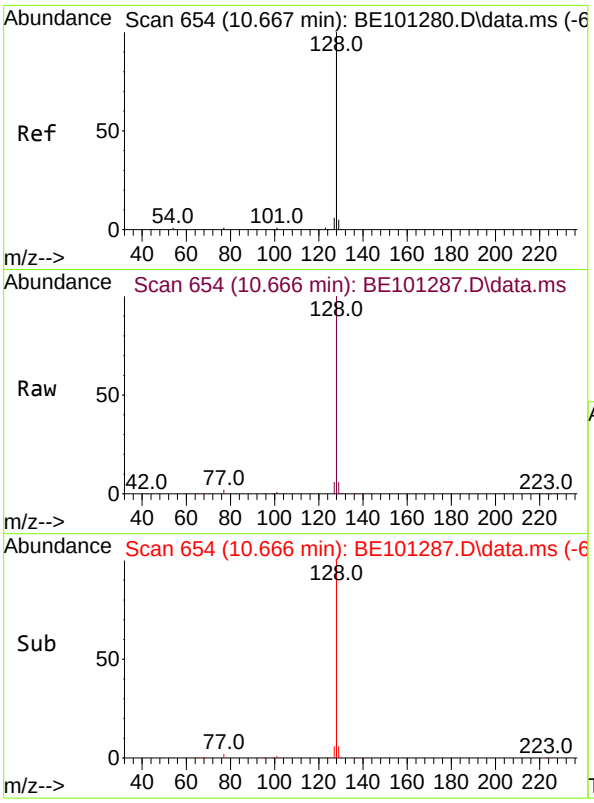


#8
Nitrobenzene-d5
Concen: 0.15 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion: 82 Resp: 1705

Ion	Ratio	Lower	Upper
82	100		
128	157.3	118.7	178.1
54	213.1	164.4	246.6

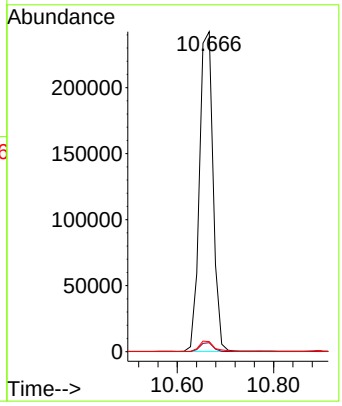




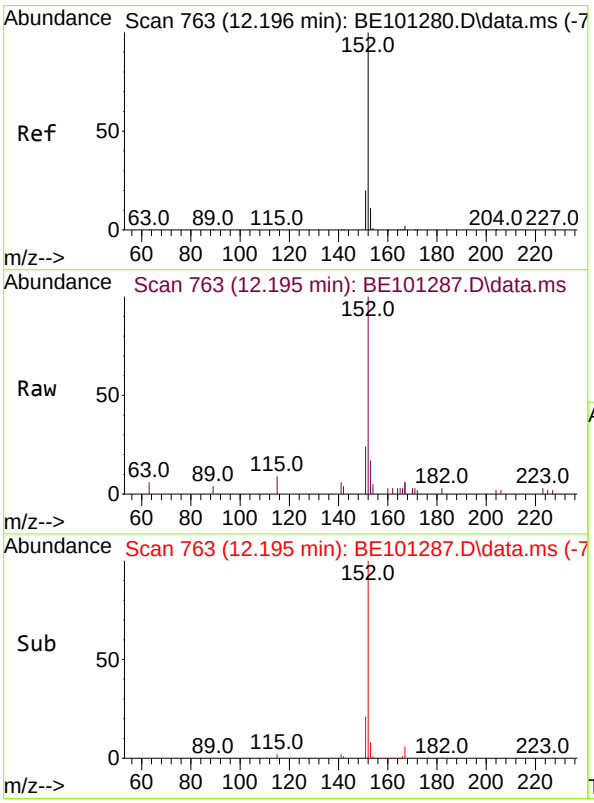
#9
Naphthalene
Concen: 3.50 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:128 Resp: 476488

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.2	3.4
127	3.1	2.6	3.8



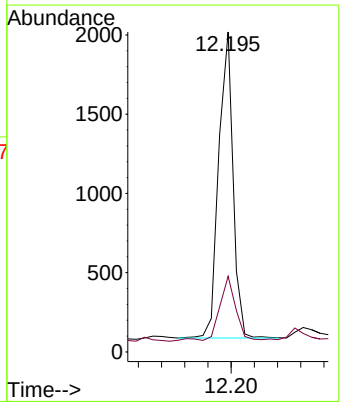
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL



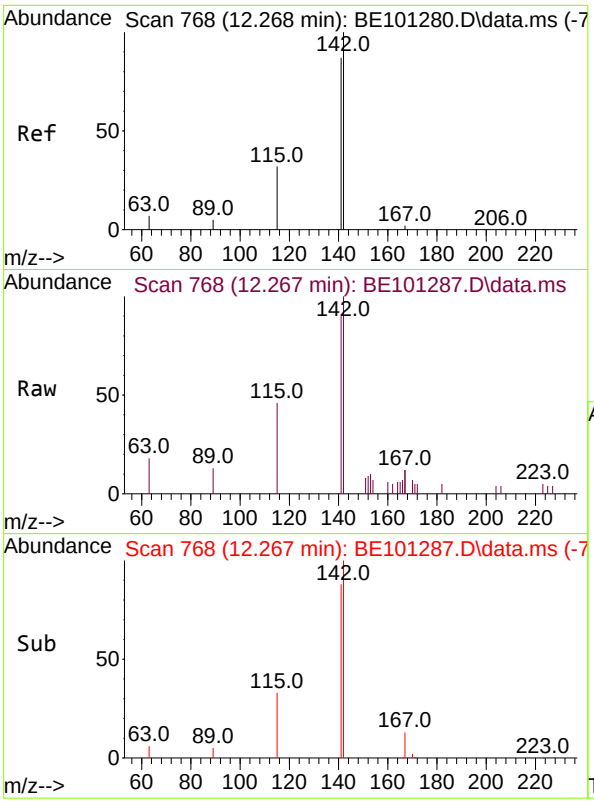
#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:152 Resp: 3321

Ion	Ratio	Lower	Upper
152	100		
151	24.6	16.5	24.7



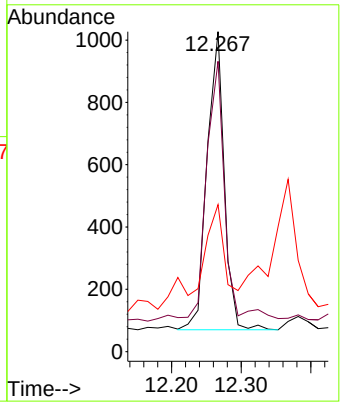
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

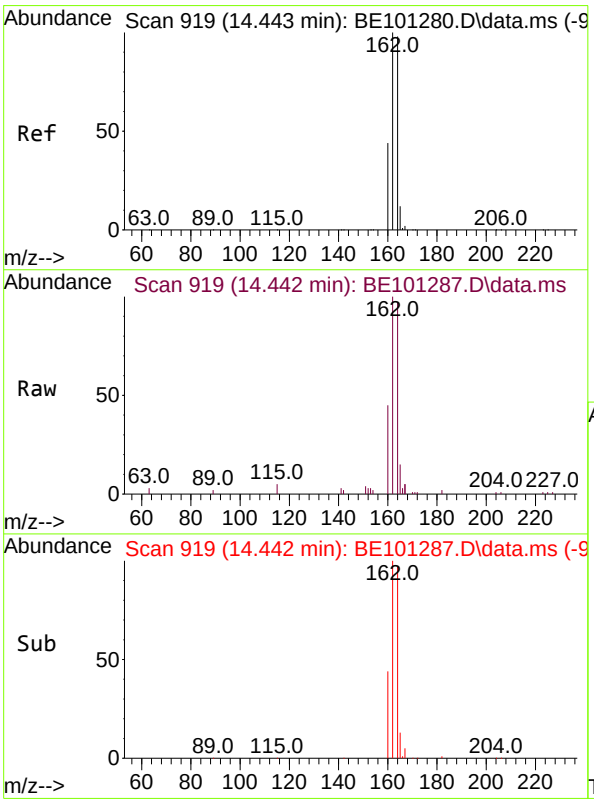


#12
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:142 Resp: 1644

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6
115	46.0	27.8	41.8#

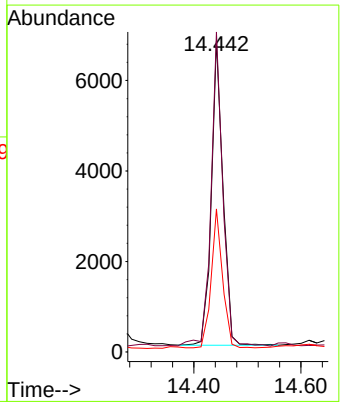




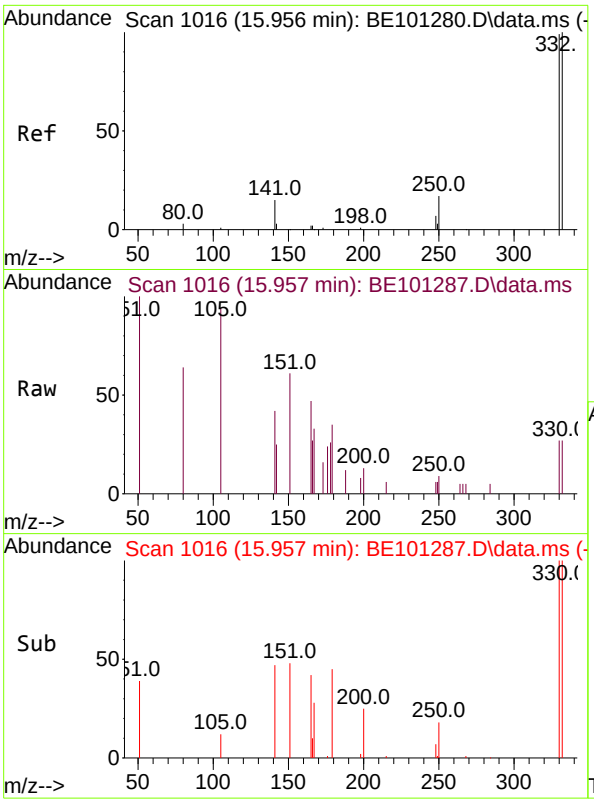
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:164 Resp: 10133

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.3	127.9
160	46.0	39.1	58.7



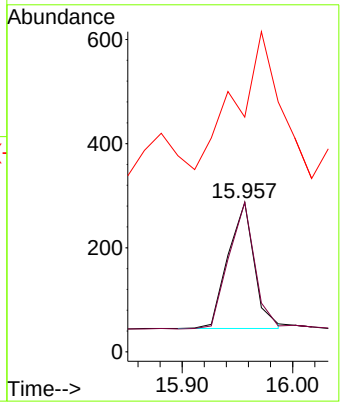
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

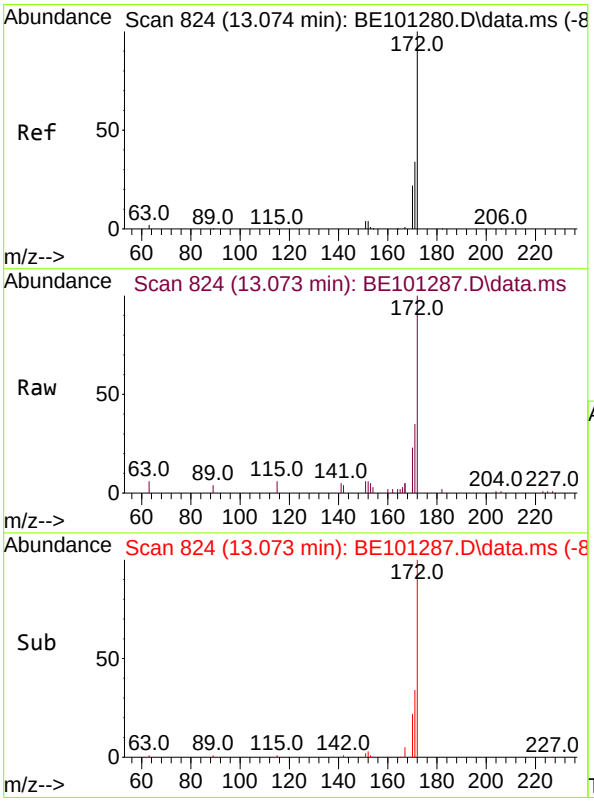


#14
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:330 Resp: 400

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.8	116.6
141	160.3	30.4	45.6#

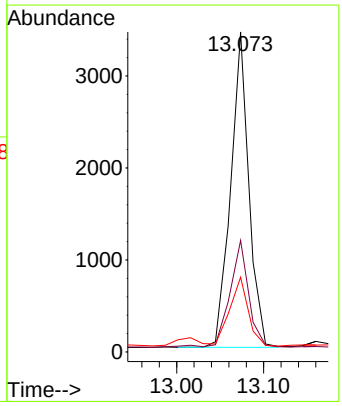


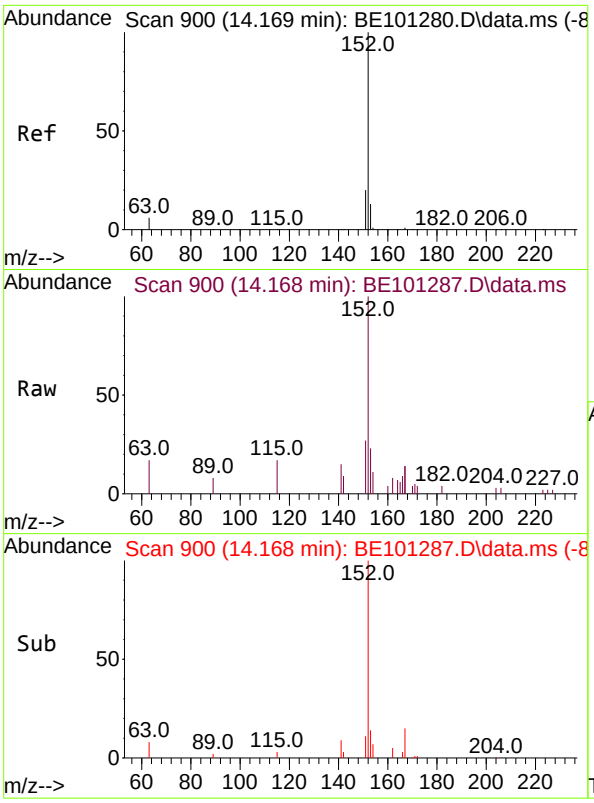


#15
2-Fluorobiphenyl
Concen: 0.14 ng
RT: 13.073 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:172 Resp: 4993

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	23.4	19.3	28.9

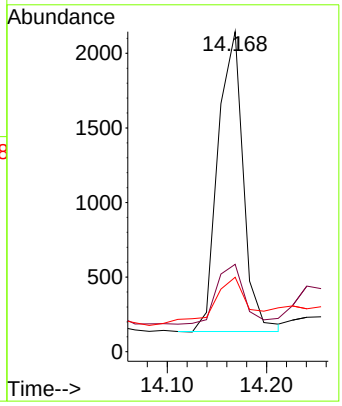




#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.168 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:152 Resp: 3549

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.4	23.2
153	22.5	10.0	15.0#



Instrument :
BNA_E
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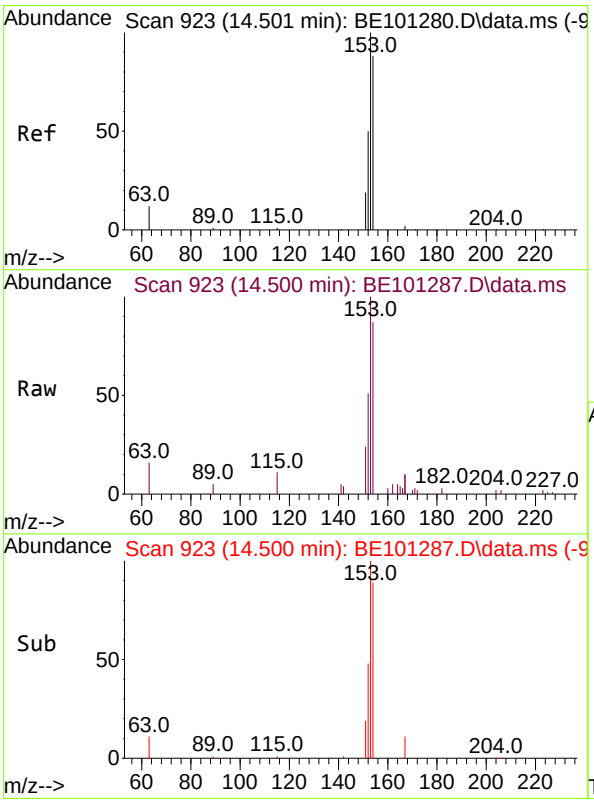
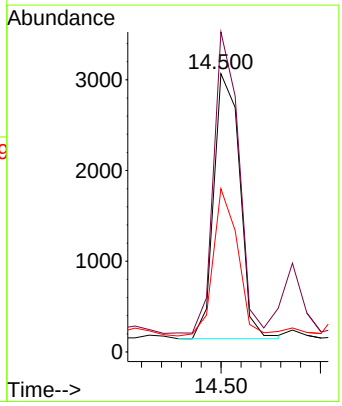
MW-110RRDL



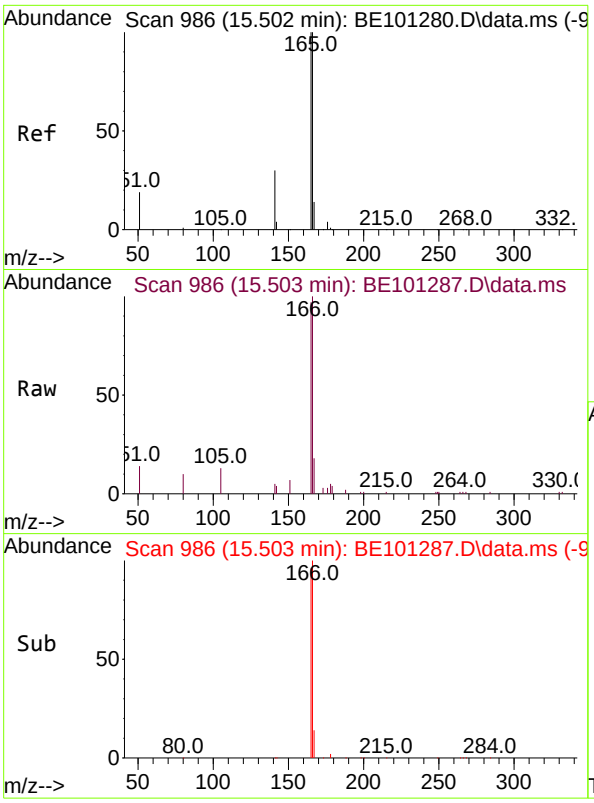
#17
Acenaphthene
Concen: 0.18 ng
RT: 14.500 min Scan# 923
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:154 Resp: 5290

Ion	Ratio	Lower	Upper
154	100		
153	108.9	84.9	127.3
152	53.1	42.7	64.1



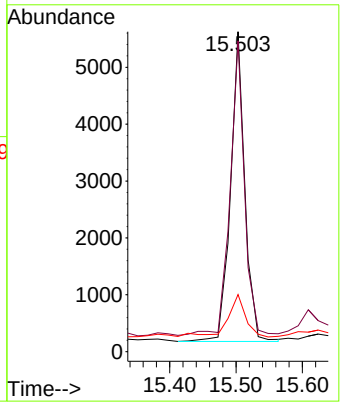
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

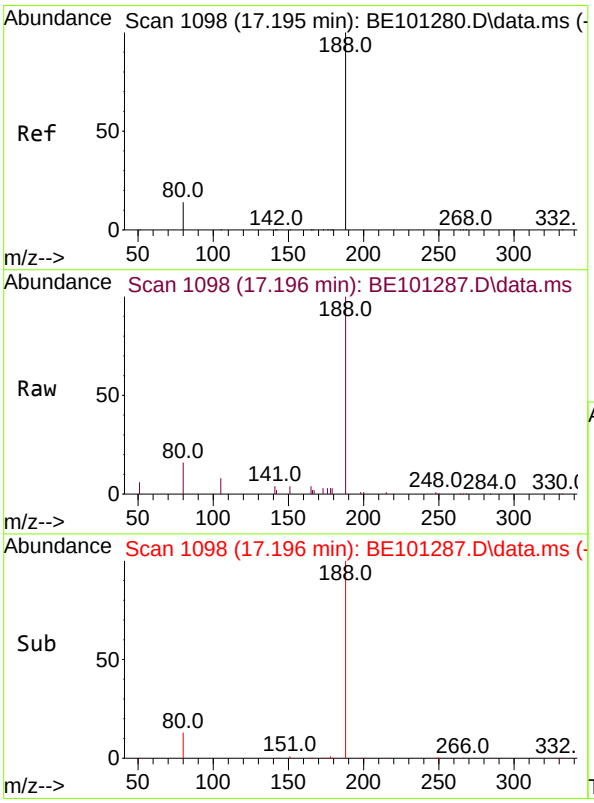


#18
Fluorene
Concen: 0.21 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:166 Resp: 8093

Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.0	118.4
167	17.2	11.0	16.4#

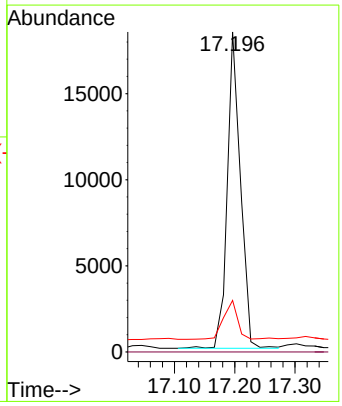


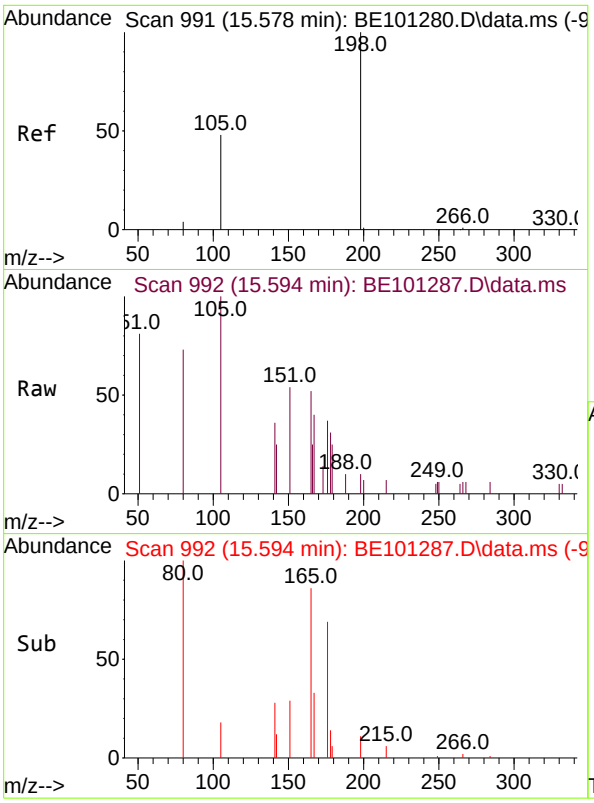


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.196 min Scan# 1098
Delta R.T. 0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:188 Resp: 27886

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.1	4.6	6.8#

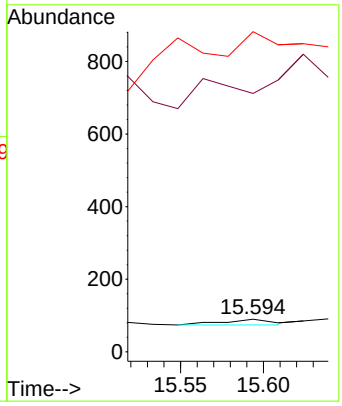




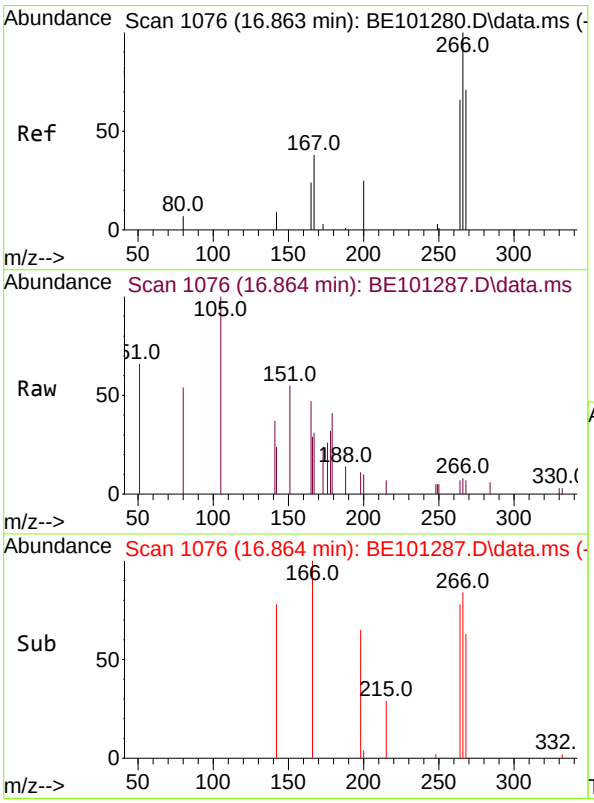
#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.594 min Scan# 992
Delta R.T. 0.016 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:198 Resp: 33

Ion	Ratio	Lower	Upper
198	100		
51	791.1	55.9	83.9#
105	980.0	33.6	50.4#



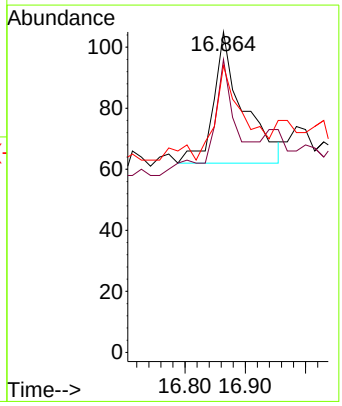
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL



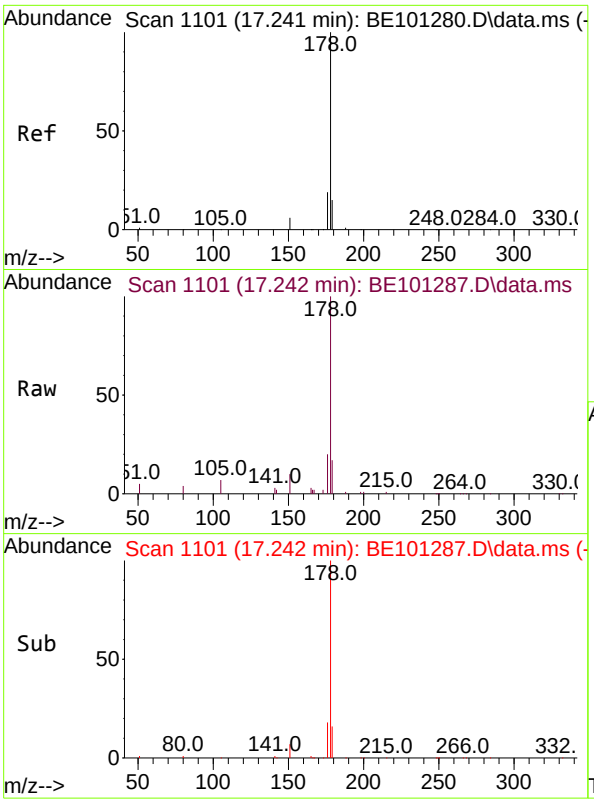
#24
Pentachlorophenol
Concen: 0.34 ng
RT: 16.864 min Scan# 1076
Delta R.T. 0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:266 Resp: 146

Ion	Ratio	Lower	Upper
266	100		
264	47.3	49.1	73.7#
268	69.9	50.6	76.0



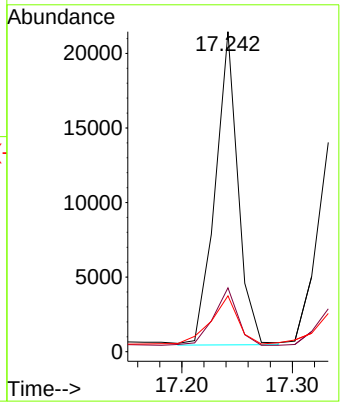
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

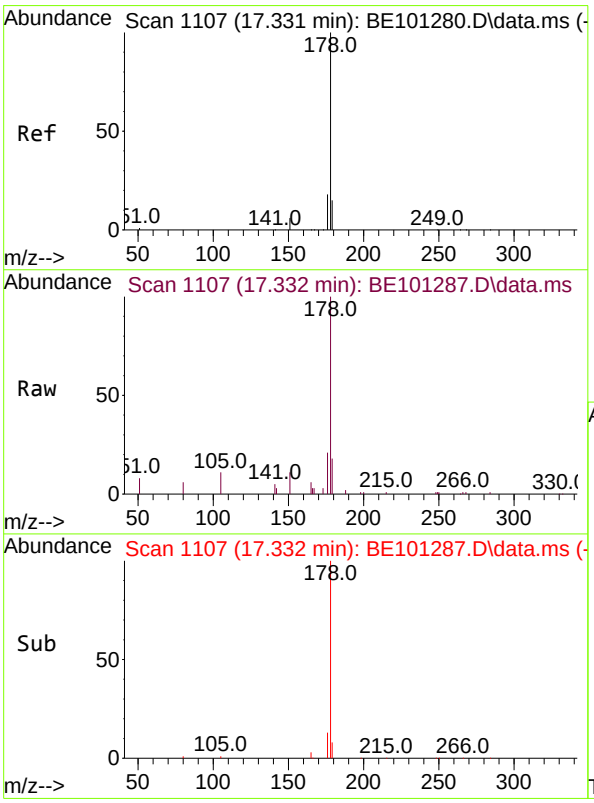


#25
Phenanthrene
Concen: 0.37 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:178 Resp: 30060

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.6
179	19.7	12.2	18.4#

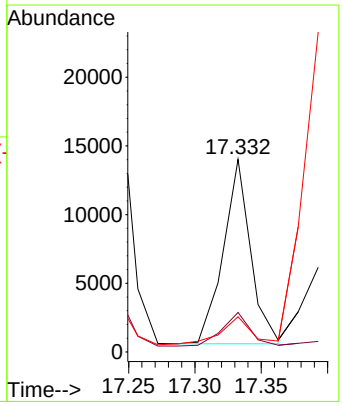


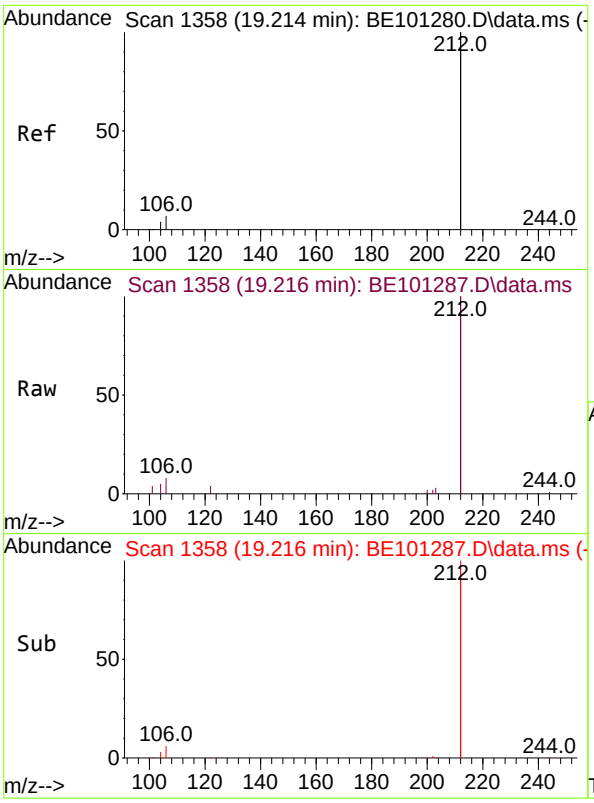


#26
Anthracene
Concen: 0.26 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:178 Resp: 19172

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.4	21.6
179	0.0	11.8	17.8#

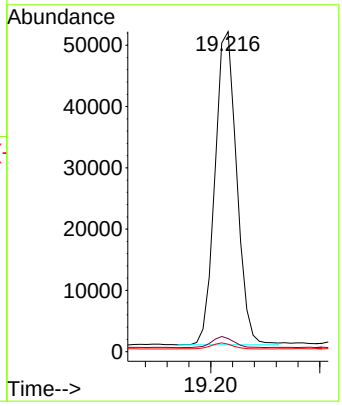




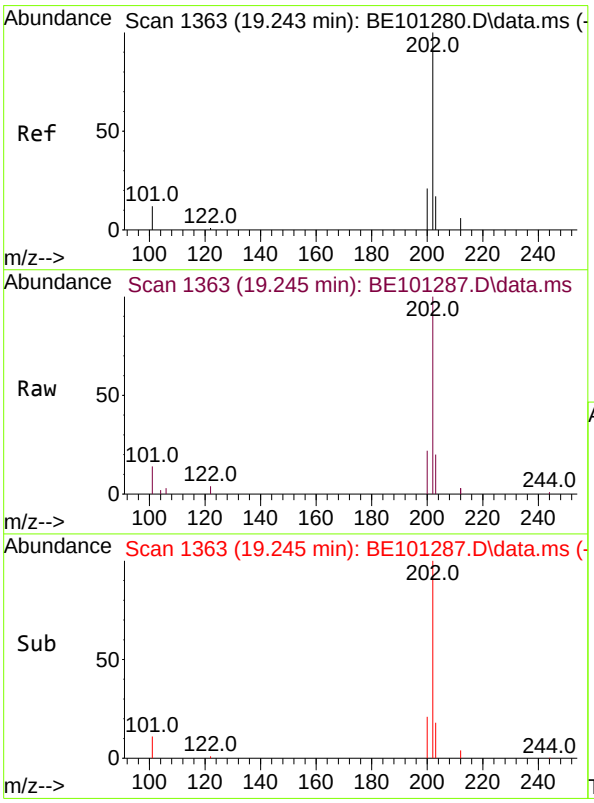
#27
Fluoranthene-d10
Concen: 0.14 ng
RT: 19.216 min Scan# 1358
Delta R.T. 0.002 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:212 Resp: 70437

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	4.0
104	2.0	1.4	2.2



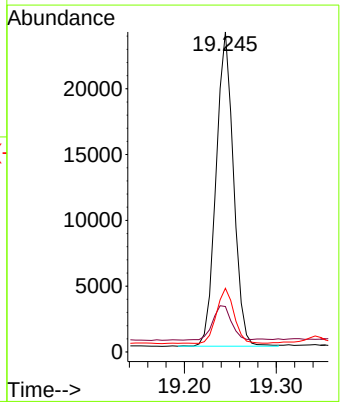
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL



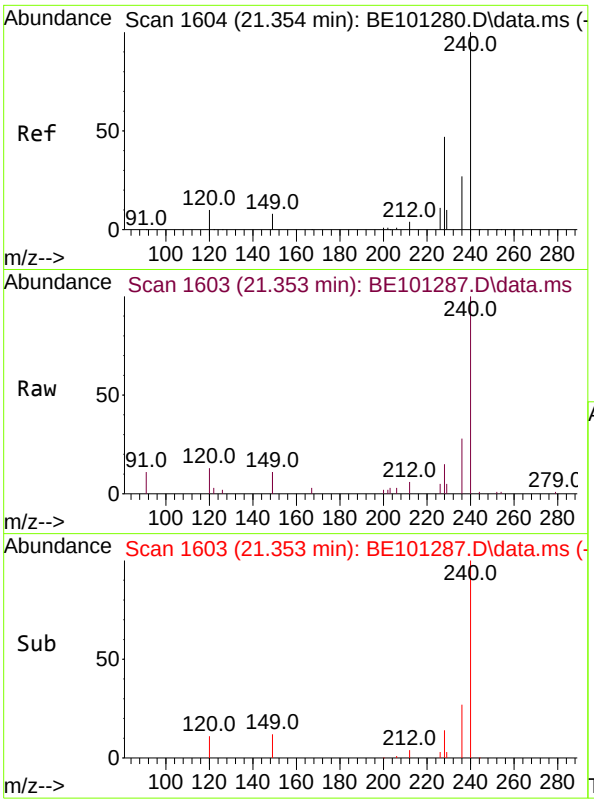
#28
Fluoranthene
Concen: 0.30 ng
RT: 19.245 min Scan# 1363
Delta R.T. 0.002 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:202 Resp: 31492

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
203	17.5	13.6	20.4



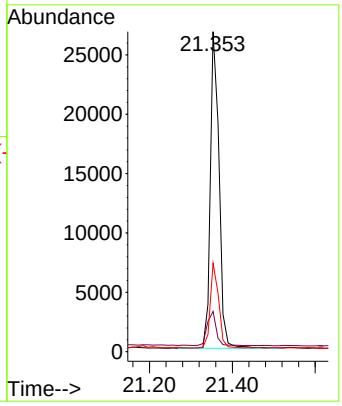
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

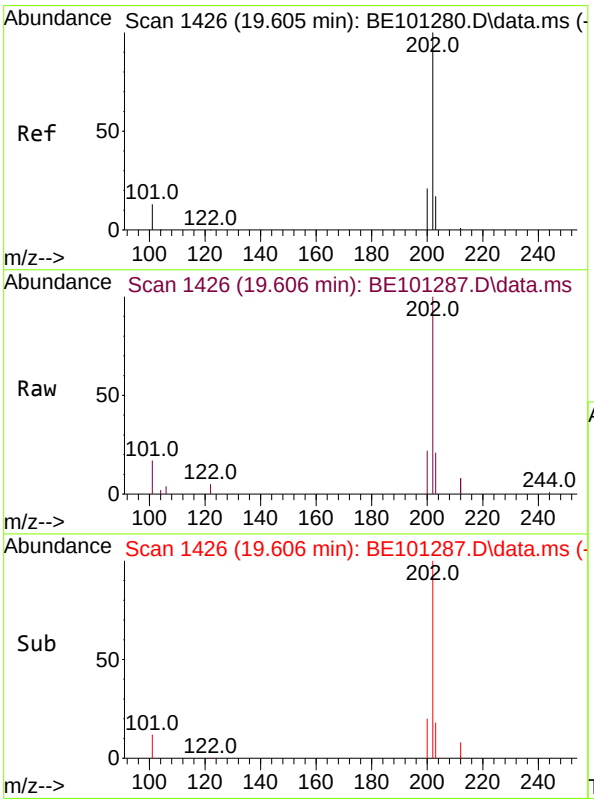


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.353 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:240 Resp: 38915

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.2	15.4
236	27.7	21.7	32.5

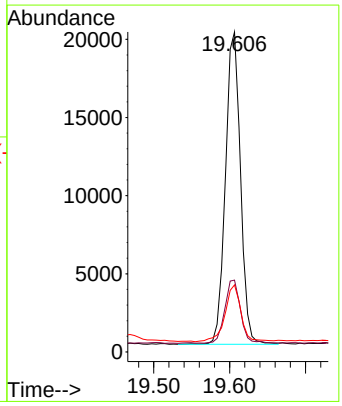




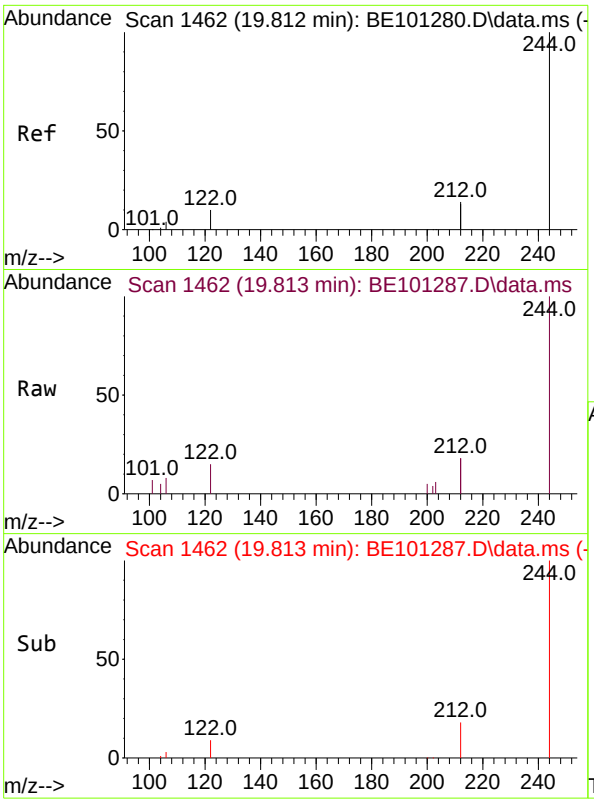
#30
Pyrene
Concen: 0.22 ng
RT: 19.606 min Scan# 1426
Delta R.T. 0.002 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:202 Resp: 27533

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	19.4	13.8	20.8



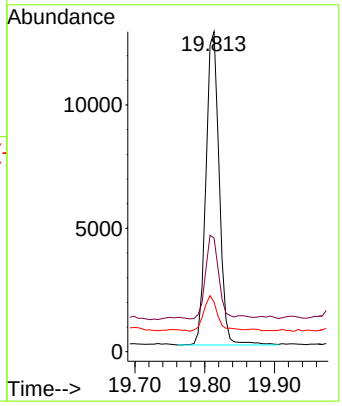
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

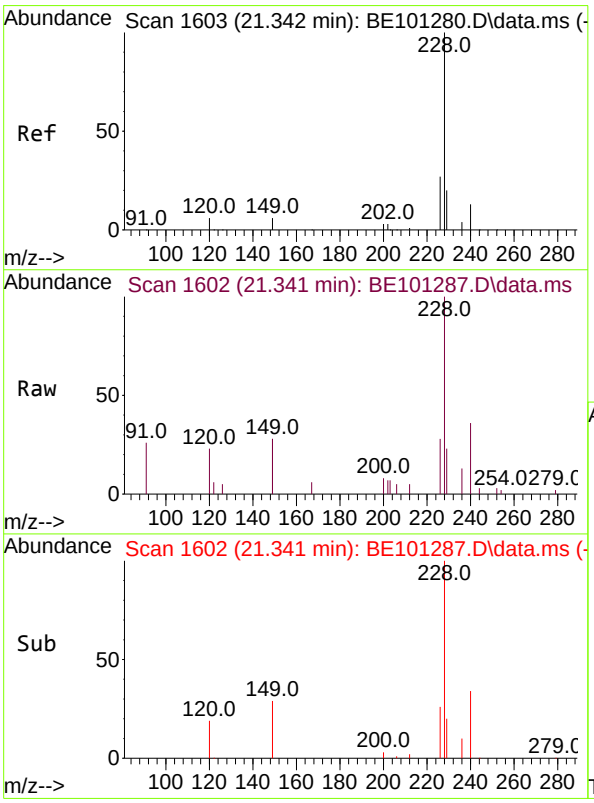


#31
Terphenyl-d14
Concen: 0.18 ng
RT: 19.813 min Scan# 1462
Delta R.T. 0.002 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:244 Resp: 16813

Ion	Ratio	Lower	Upper
244	100		
212	35.6	21.9	32.9#
122	15.4	7.3	10.9#

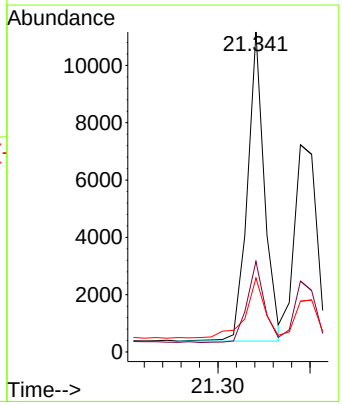




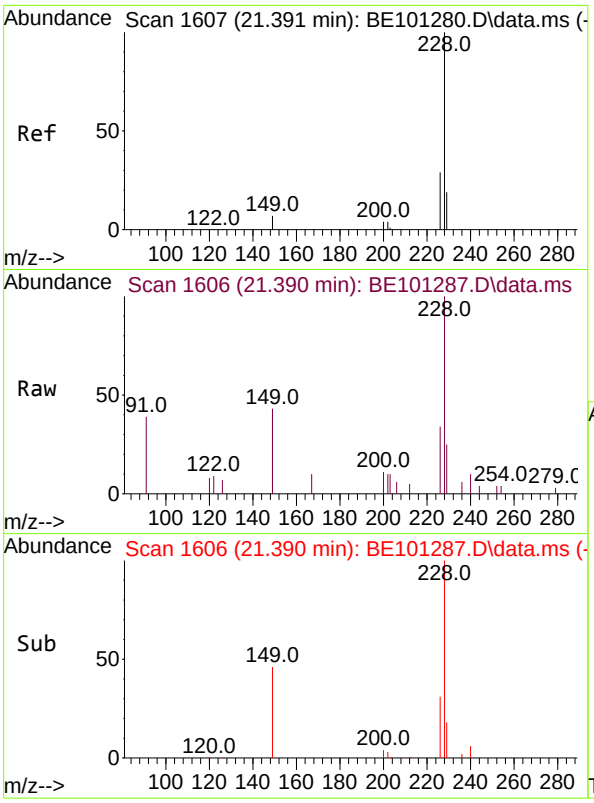
#32
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.341 min Scan# 1602
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:228 Resp: 13825

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.4	32.2
229	23.1	15.7	23.5



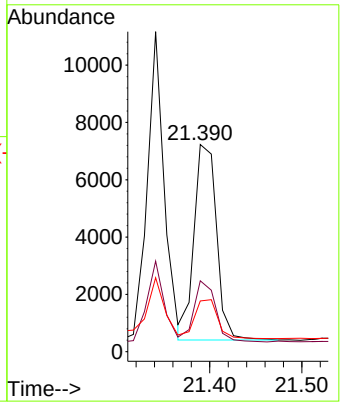
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

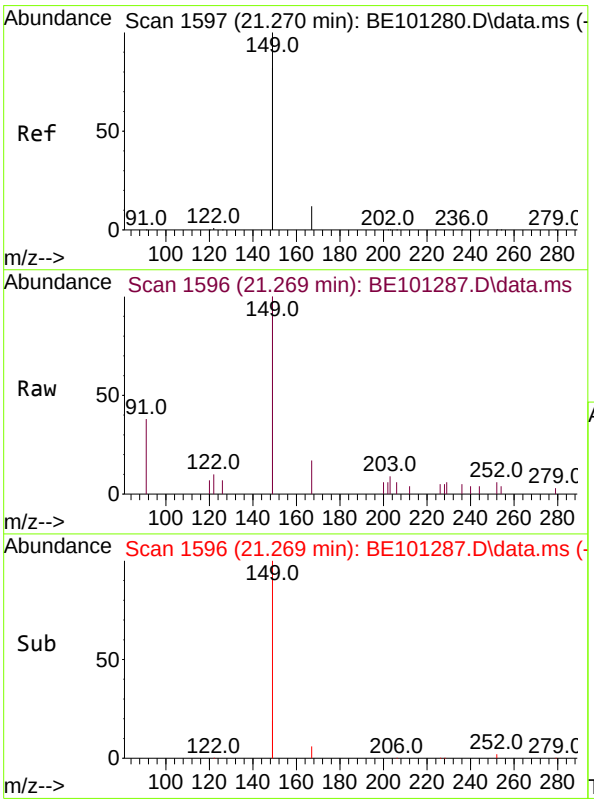


#33
Chrysene
Concen: 0.09 ng
RT: 21.390 min Scan# 1606
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:228 Resp: 11585

Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.8	37.2
229	24.5	15.2	22.8#

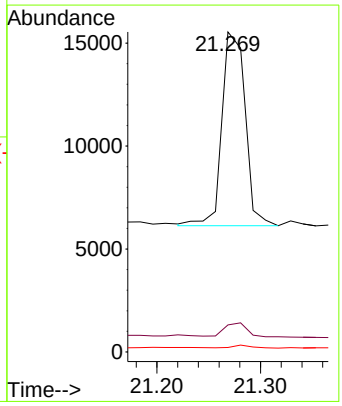




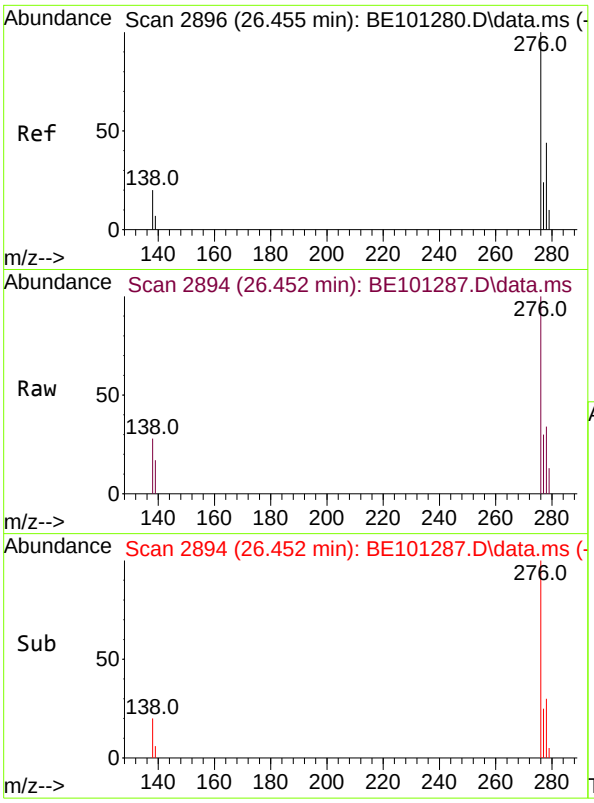
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.269 min Scan# 1596
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:149 Resp: 14660

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.3	1.0	1.4



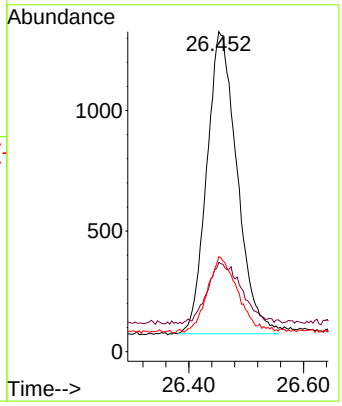
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

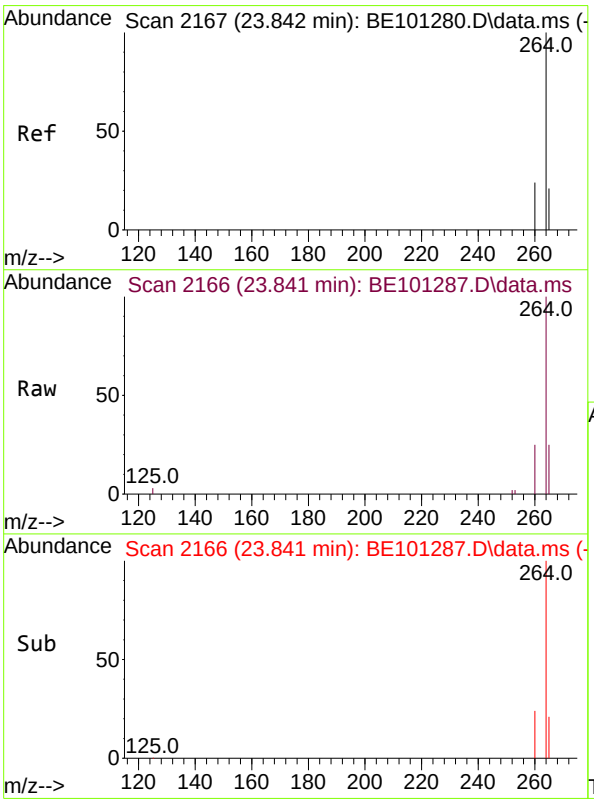


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 26.452 min Scan# 2894
Delta R.T. -0.003 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:276 Resp: 4590

Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.4	26.0
277	25.0	19.8	29.8

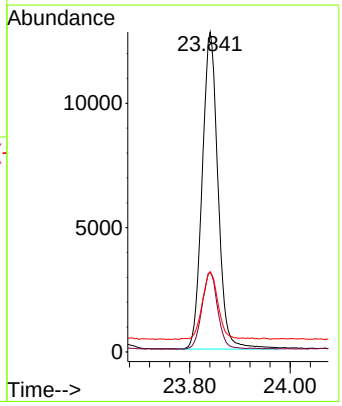




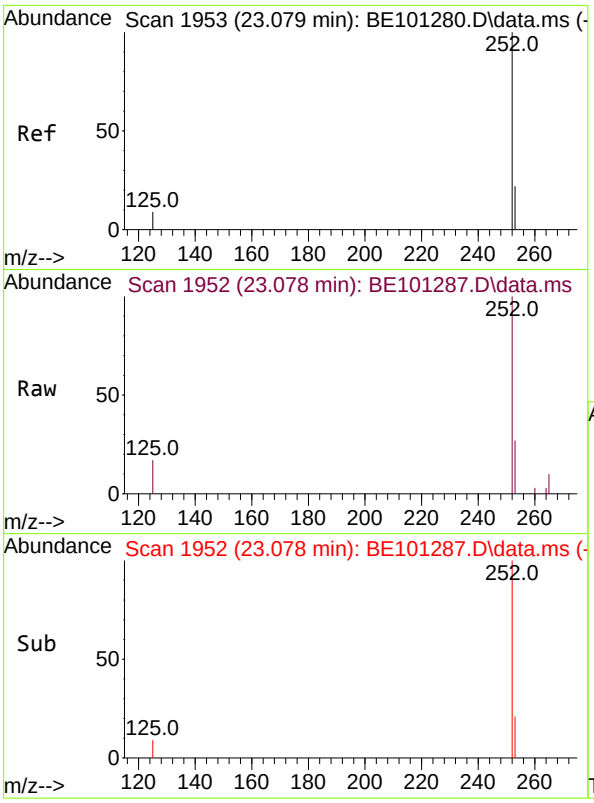
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.841 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:264 Resp: 27897

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	25.1	22.4	33.6



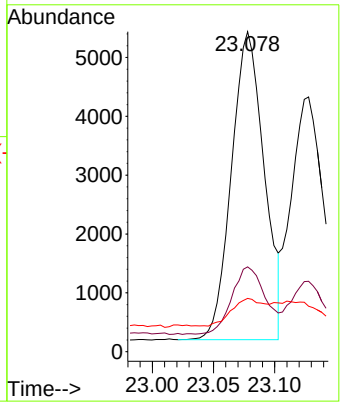
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

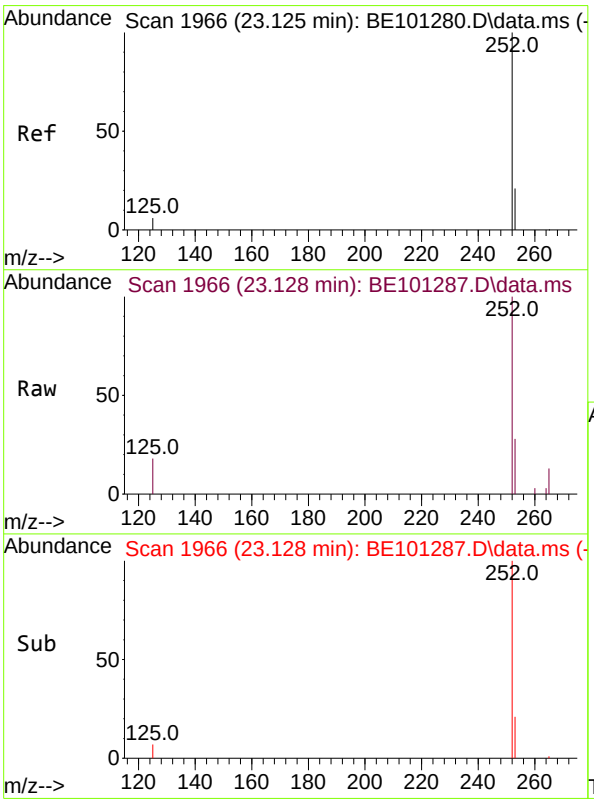


#37
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 23.078 min Scan# 1952
Delta R.T. -0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:252 Resp: 9725

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.1	27.1
125	16.7	7.6	11.4#

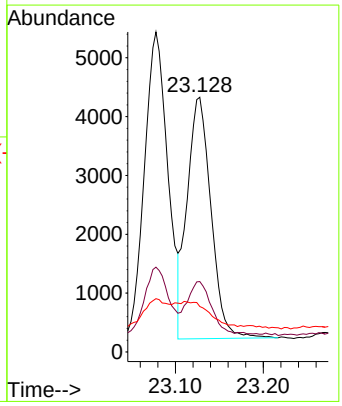




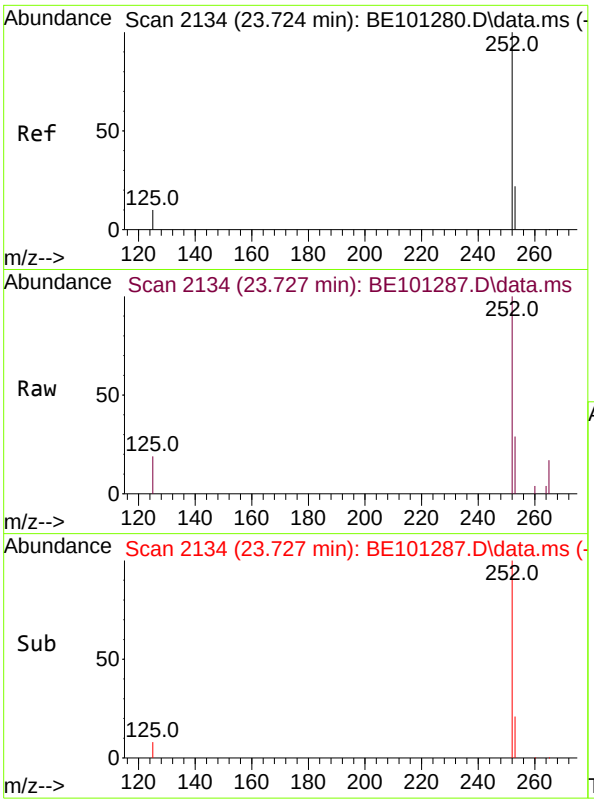
#38
Benzo(k)fluoranthene
Concen: 0.08 ng
RT: 23.128 min Scan# 1966
Delta R.T. 0.002 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:252 Resp: 7742

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.6#
125	17.9	7.6	11.4#



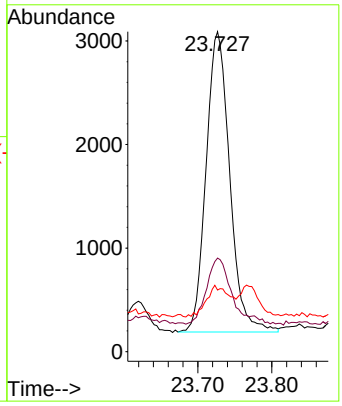
Instrument :
BNA_E
ClientSampleId :
MW-110RRDL

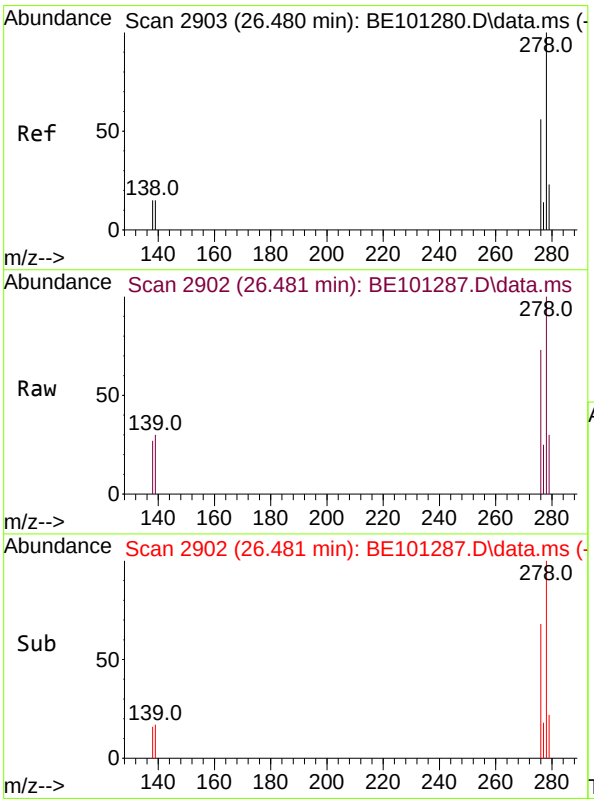


#39
Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.727 min Scan# 2134
Delta R.T. 0.002 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:252 Resp: 6419

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.0	27.0#
125	19.2	8.0	12.0#

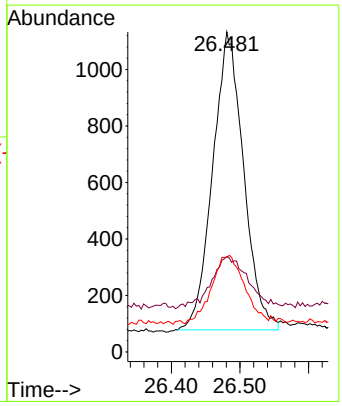


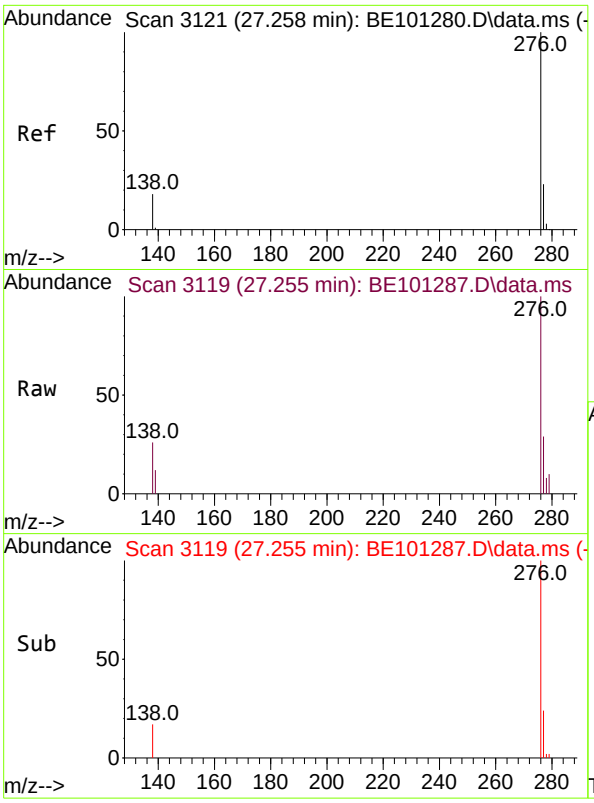


#40
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 26.481 min Scan# 2902
Delta R.T. 0.001 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:278 Resp: 3301

Ion	Ratio	Lower	Upper
278	100		
139	29.8	12.2	18.2#
279	29.6	19.3	28.9#

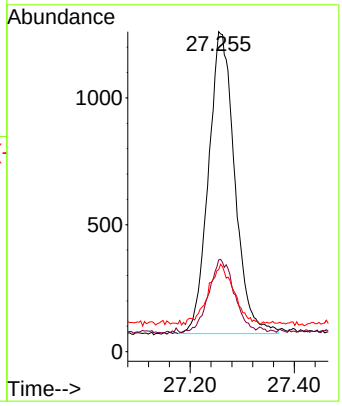




#41
Benzo(g,h,i)perylene
Concen: 0.05 ng
RT: 27.255 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BE101287.D
Acq: 12 Apr 2021 19:57

Tgt Ion:276 Resp: 4166

Ion	Ratio	Lower	Upper
276	100		
277	28.7	19.4	29.0
138	25.6	15.2	22.8#



Instrument :
BNA_E
ClientSampleId :
MW-110RRDL