Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101270.D
Acq On : 9 Apr 2021 14:49
Operator : CG/JU
Sample : M1966-05RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-123RRE

Quant Time: Apr 09 15:41:04 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

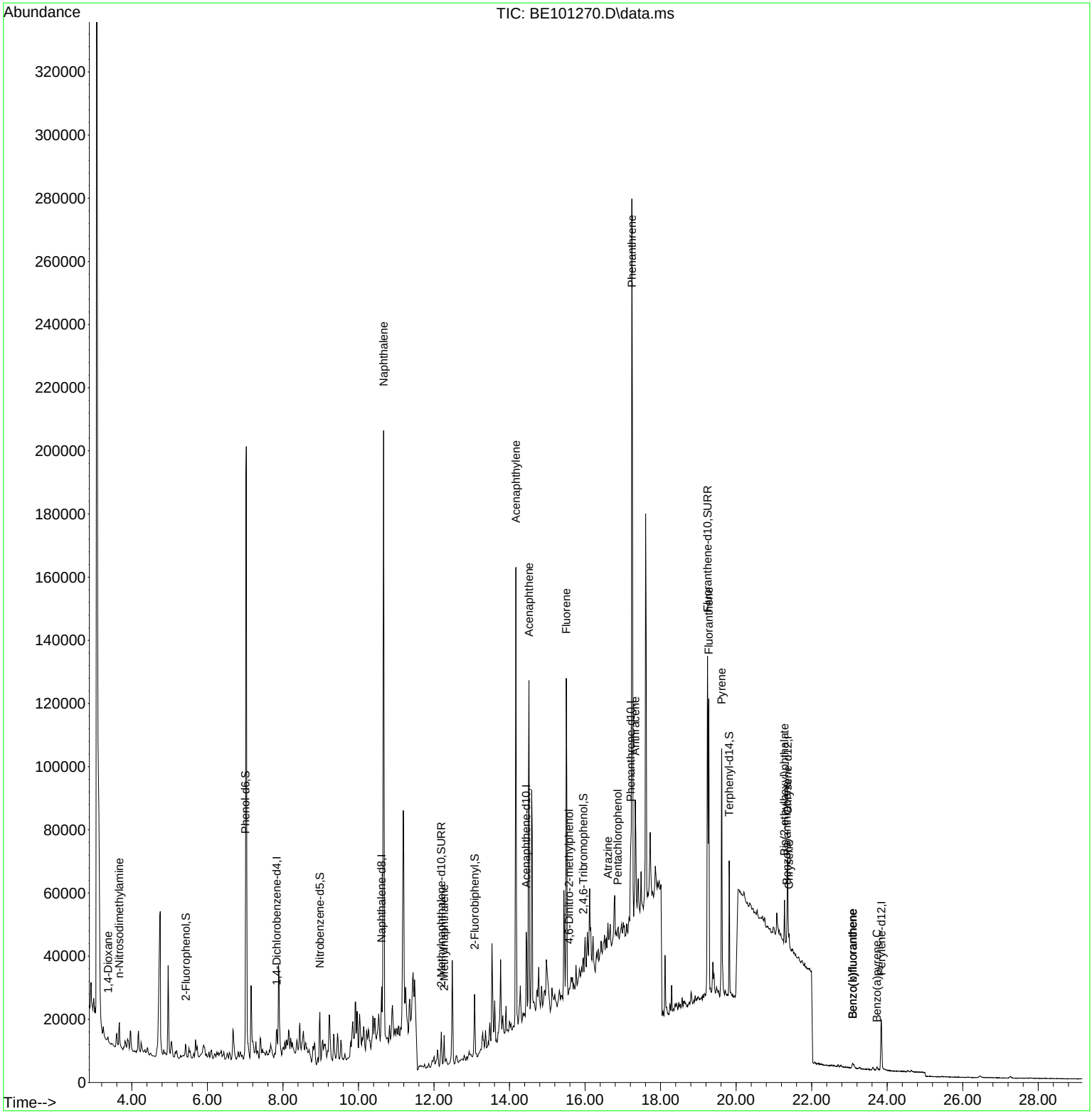
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.838	152	3631	0.40	ng		0.00
7) Naphthalene-d8	10.615	136	18949	0.40	ng	#	0.00
13) Acenaphthene-d10	14.443	164	23323	0.40	ng	#	0.00
19) Phenanthrene-d10	17.211	188	36623	0.40	ng	#	0.00
29) Chrysene-d12	21.366	240	26921	0.40	ng		0.01
36) Perylene-d12	23.845	264	24049	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.431	112	2927	0.34	ng		0.00
5) Phenol-d6	7.009	99	2285	0.17	ng		0.02
8) Nitrobenzene-d5	8.978	82	6413	0.46	ng		0.00
11) 2-Methylnaphthalene-d10	12.196	152	11490	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	2800	0.45	ng		0.00
15) 2-Fluorobiphenyl	13.074	172	17131	0.20	ng		0.00
27) Fluoranthene-d10	19.244	212	149096	0.23	ng		0.03
31) Terphenyl-d14	19.818	244	37739	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	486	0.09	ng	#	1
3) n-Nitrosodimethylamine	3.669	42	1202	0.21	ng	#	11
9) Naphthalene	10.667	128	301722	1.46	ng		100
12) 2-Methylnaphthalene	12.268	142	6353	0.17	ng	#	89
16) Acenaphthylene	14.169	152	156173	1.72	ng		97
17) Acenaphthene	14.515	154	59024	0.87	ng		97
18) Fluorene	15.502	166	78457	0.86	ng	#	98
20) 4,6-Dinitro-2-methylph...	15.578	198	462	0.18	ng	#	1
23) Atrazine	16.606	200	332	0.03	ng	#	1
24) Pentachlorophenol	16.863	266	139	0.02	ng	#	84
25) Phenanthrene	17.241	178	264116	2.43	ng		98
26) Anthracene	17.332	178	42776	0.46	ng	#	86
28) Fluoranthene	19.278	202	91970	0.65	ng		99
30) Pyrene	19.617	202	67903	0.70	ng		95
32) Benzo(a)anthracene	21.342	228	5049	0.07	ng	#	45
33) Chrysene	21.402	228	4258	0.05	ng	#	49
34) Bis(2-ethylhexyl)phtha...	21.281	149	16620	0.30	ng	#	99
37) Benzo(b)fluoranthene	23.090	252	2772	0.04	ng	#	1
38) Benzo(k)fluoranthene	23.090	252	2772	0.03	ng	#	1
39) Benzo(a)pyrene	23.731	252	1813	0.03	ng	#	1

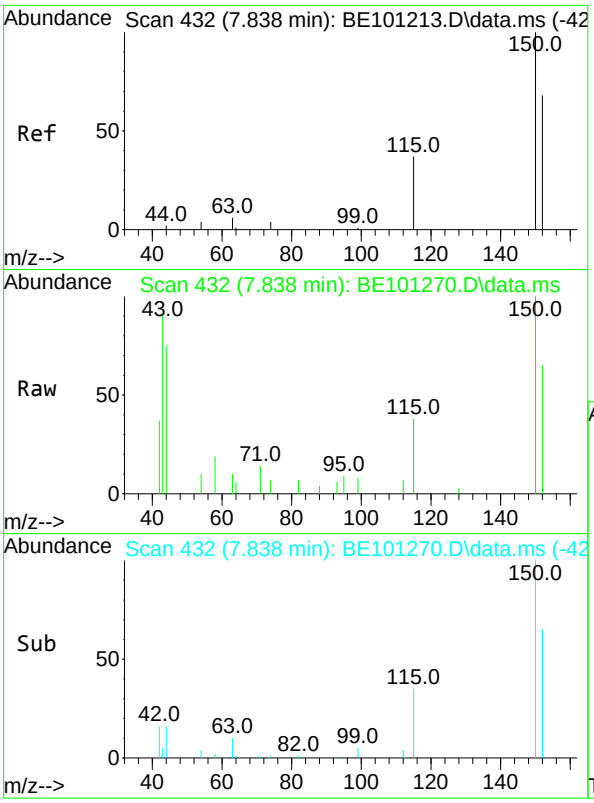
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101270.D
Acq On : 9 Apr 2021 14:49
Operator : CG/JU
Sample : M1966-05RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-123RRE

Quant Time: Apr 09 15:41:04 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

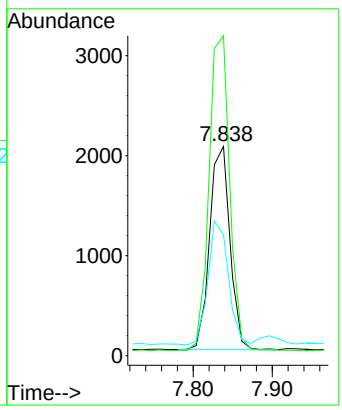




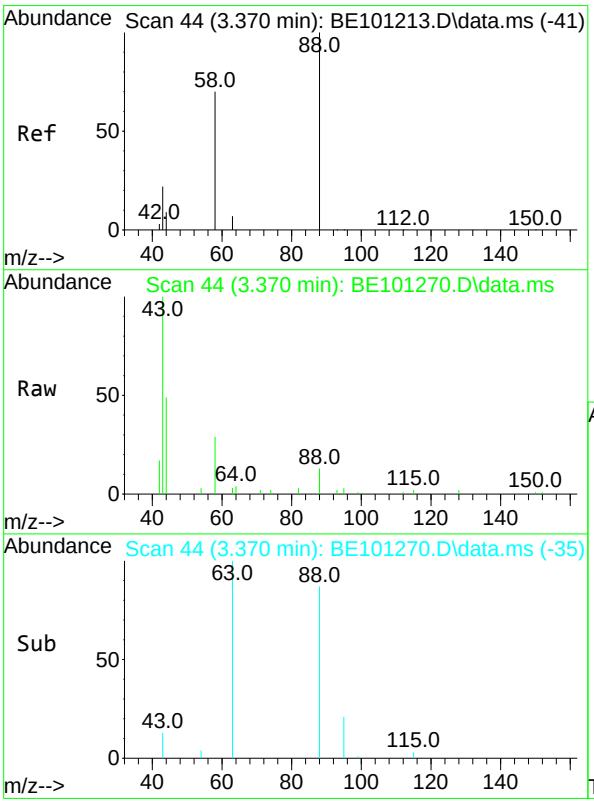
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. 0.008 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:152 Resp: 3631

Ion	Ratio	Lower	Upper
152	100		
150	152.9	116.9	175.3
115	57.8	44.5	66.7



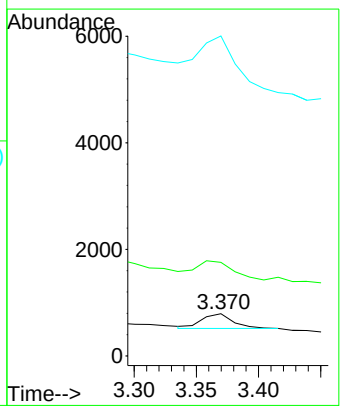
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

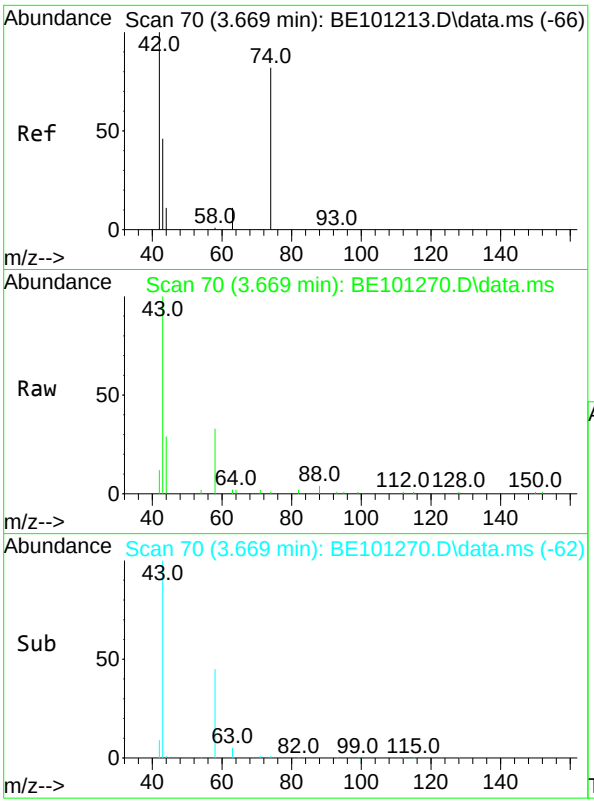


#2
1,4-Dioxane
Concen: 0.09 ng
RT: 3.370 min Scan# 44
Delta R.T. 0.009 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion: 88 Resp: 486

Ion	Ratio	Lower	Upper
88	100		
58	153.7	73.6	110.4#
43	489.7	27.6	41.4#

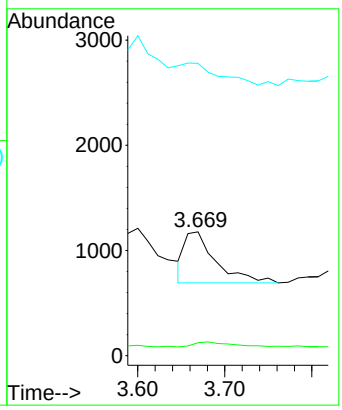




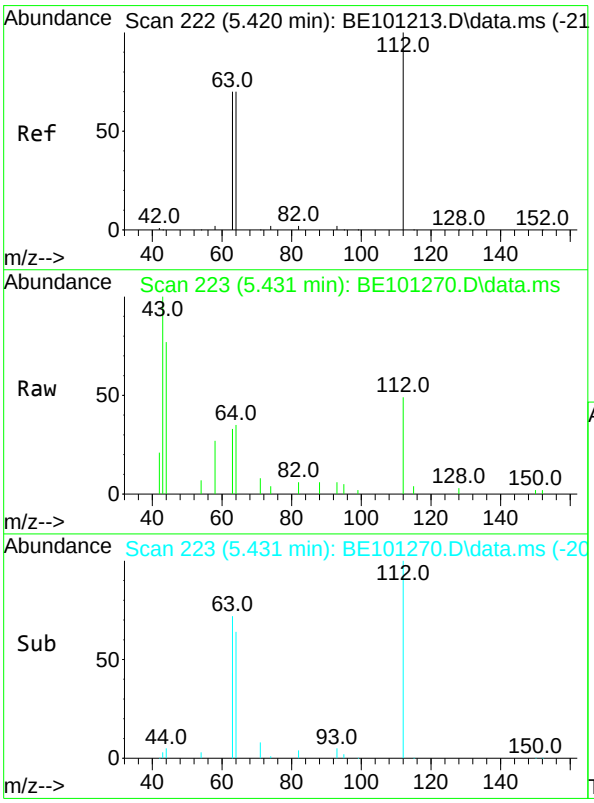
#3
n-Nitrosodimethylamine
Concen: 0.21 ng
RT: 3.669 min Scan# 70
Delta R.T. -0.003 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion: 42 Resp: 1202

Ion	Ratio	Lower	Upper
42	100		
74	11.7	92.7	139.1#
44	0.0	10.7	16.1#



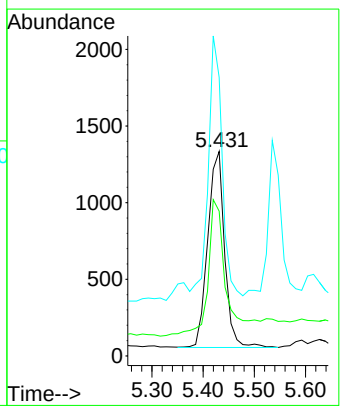
Instrument :
BNA_E
ClientSampleId :
MW-123RRE



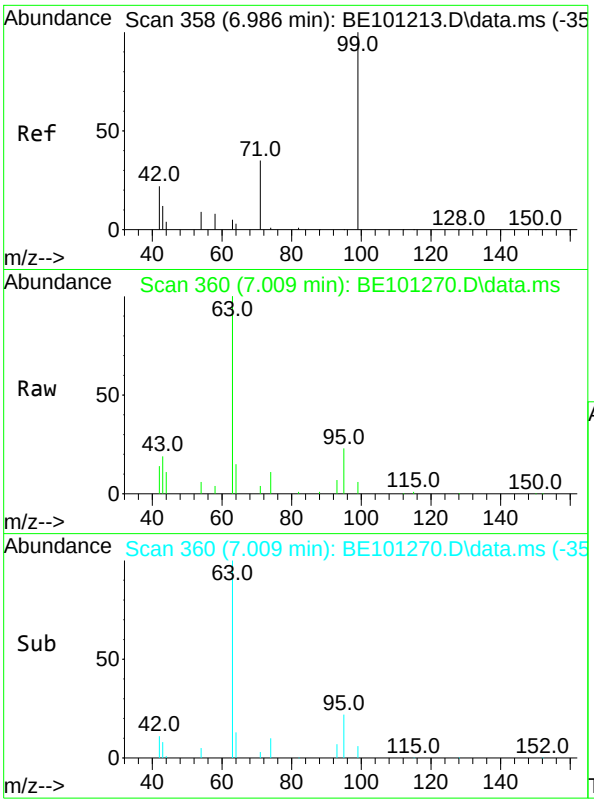
#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.431 min Scan# 223
Delta R.T. 0.009 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:112 Resp: 2927

Ion	Ratio	Lower	Upper
112	100		
64	71.8	62.3	93.5
63	106.8	117.3	175.9#



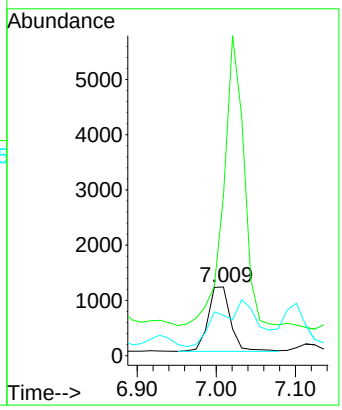
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

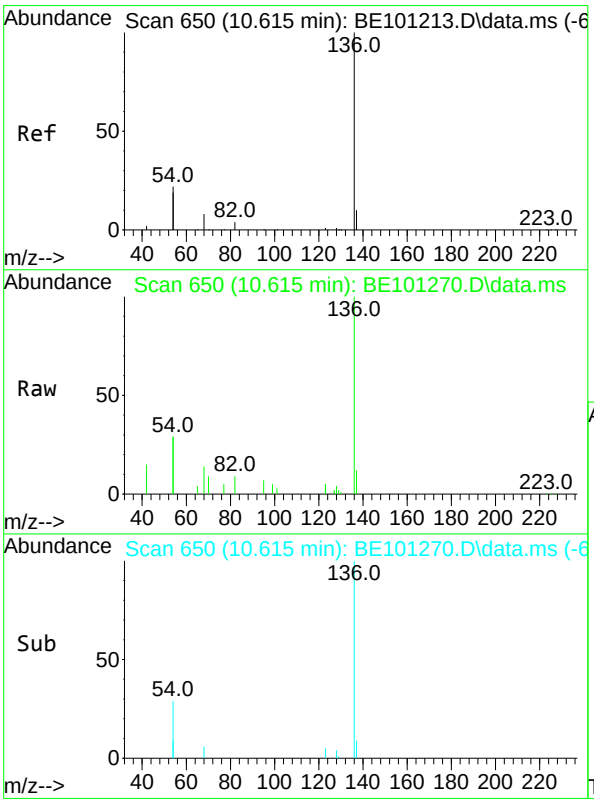


#5
Phenol-d6
Concen: 0.17 ng
RT: 7.009 min Scan# 360
Delta R.T. 0.020 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion: 99 Resp: 2285

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

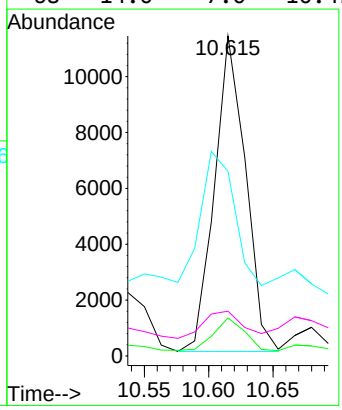




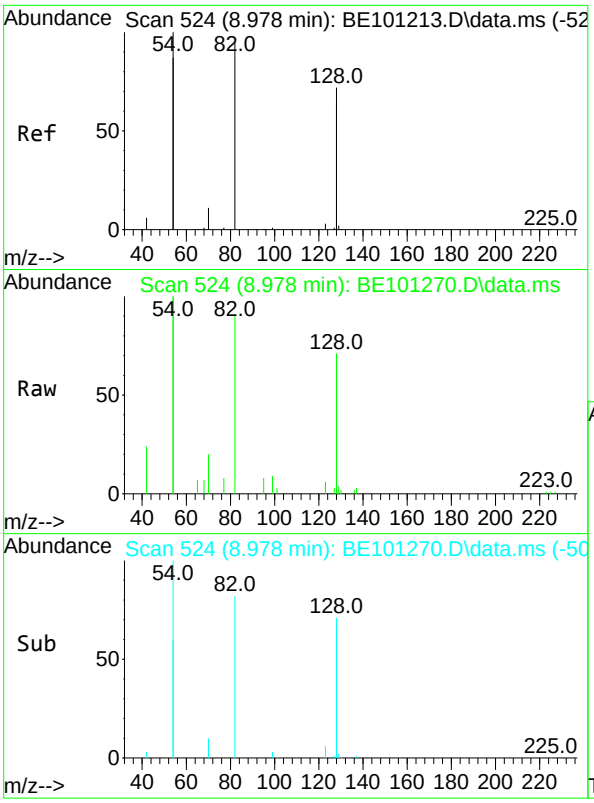
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:136 Resp: 18949

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.6	13.0
54	57.7	34.7	52.1#
68	14.0	7.0	10.4#



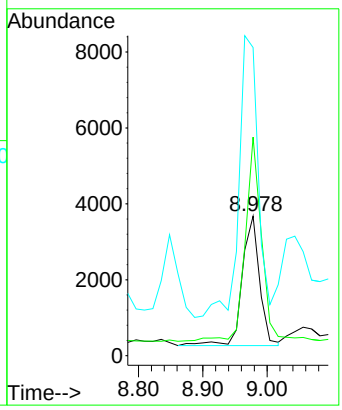
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

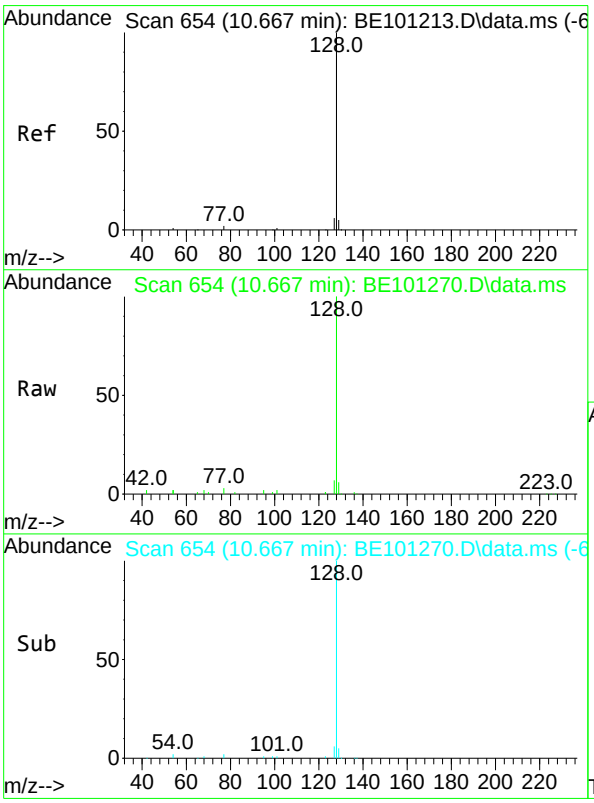


#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion: 82 Resp: 6413

Ion	Ratio	Lower	Upper
82	100		
128	156.6	118.7	178.1
54	221.0	164.4	246.6

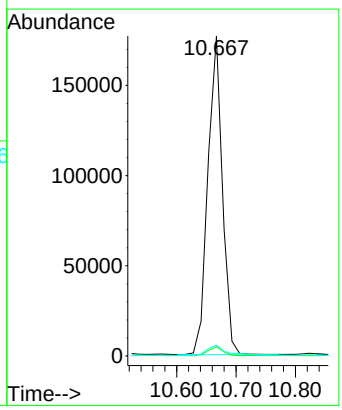


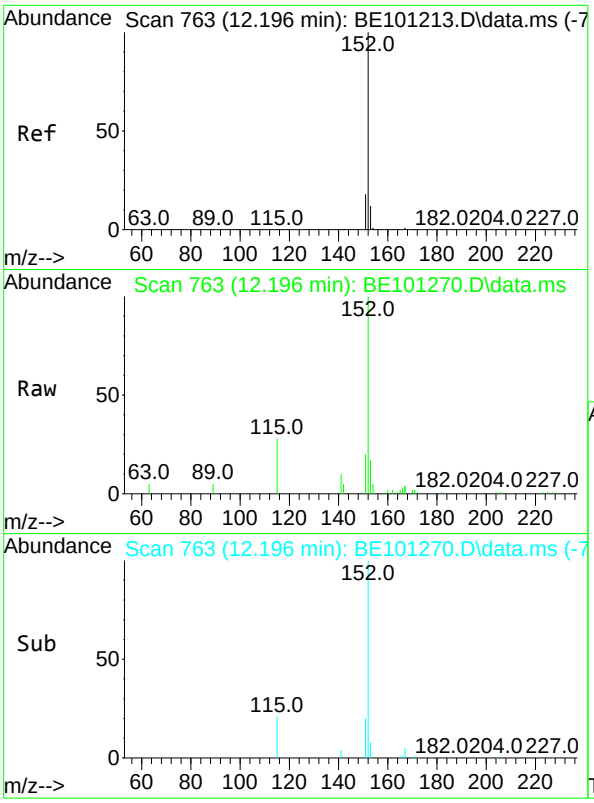


#9
Naphthalene
Concen: 1.46 ng
RT: 10.667 min Scan# 654
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:128 Resp: 301722

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.4	2.6	3.8

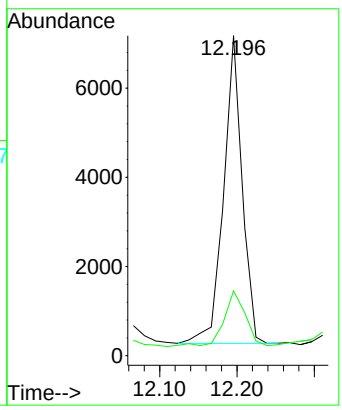




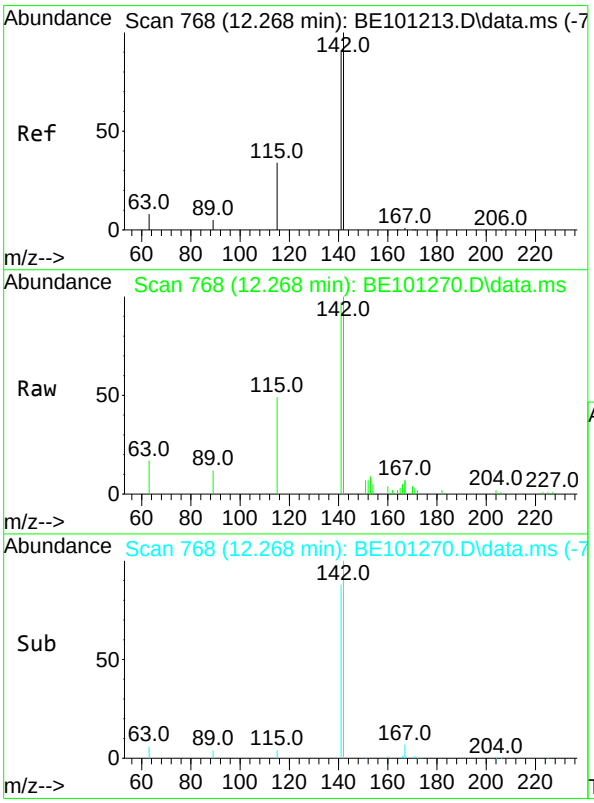
#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.196 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:152 Resp: 11490

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.5	24.7



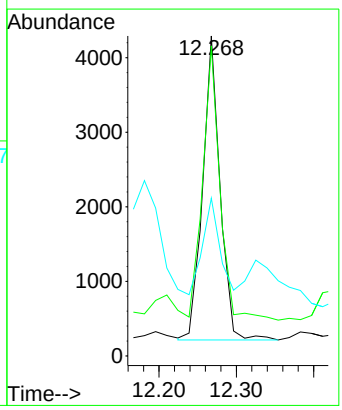
Instrument :
BNA_E
ClientSampleId :
MW-123RRE



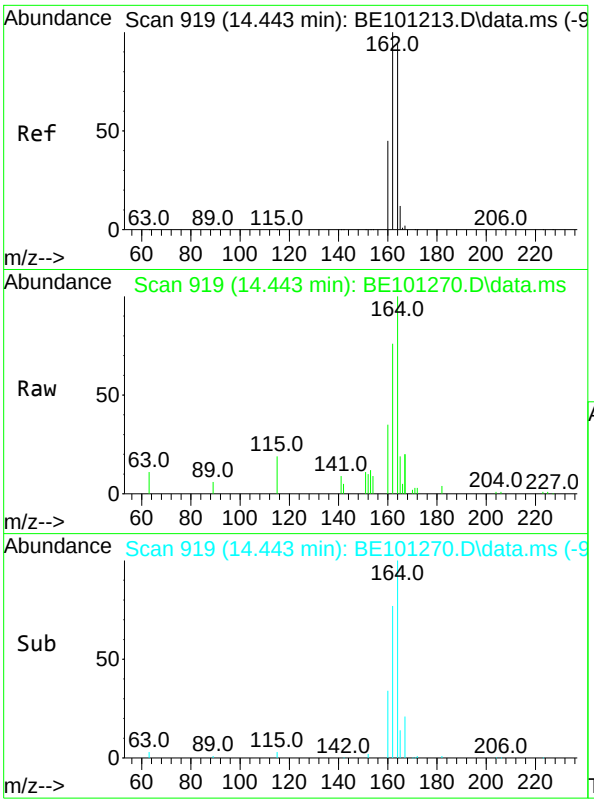
#12
2-Methylnaphthalene
Concen: 0.17 ng
RT: 12.268 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:142 Resp: 6353

Ion	Ratio	Lower	Upper
142	100		
141	96.9	73.0	109.6
115	49.3	27.8	41.8#



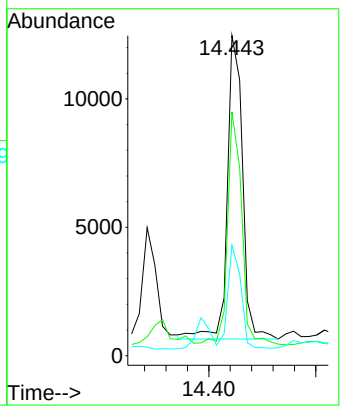
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

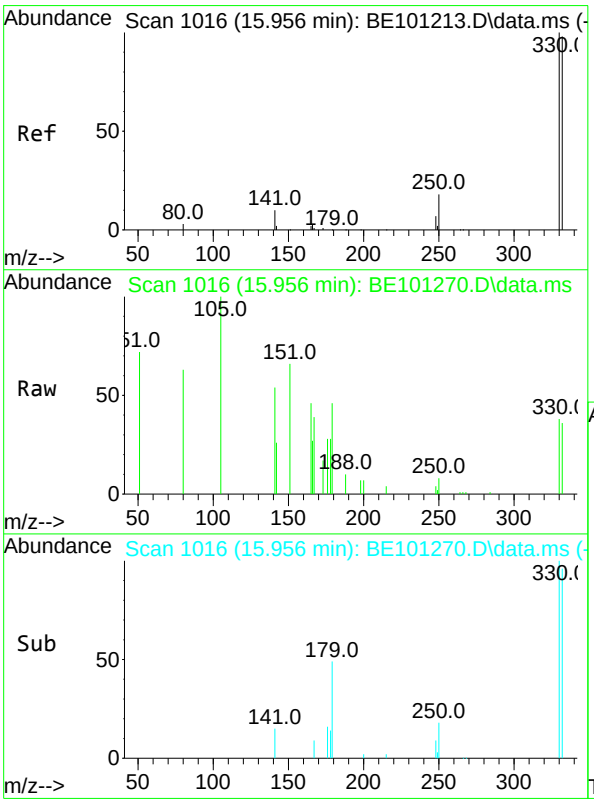


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.000 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:164 Resp: 23323

Ion	Ratio	Lower	Upper
164	100		
162	76.1	85.3	127.9#
160	34.6	39.1	58.7#

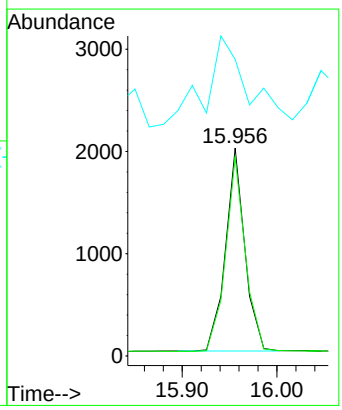




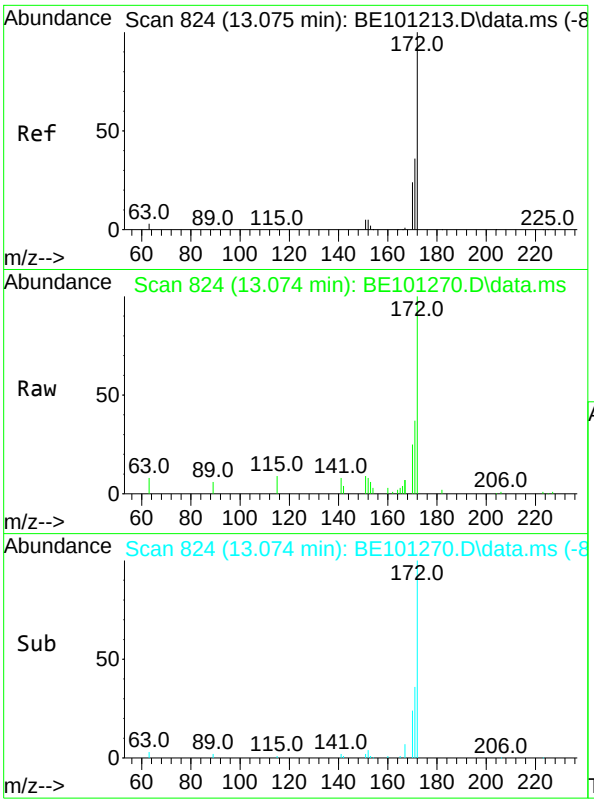
#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:330 Resp: 2800

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.8	116.6
141	91.6	30.4	45.6#



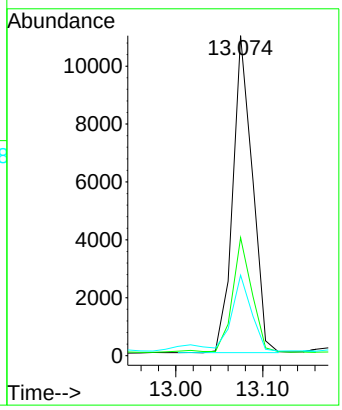
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

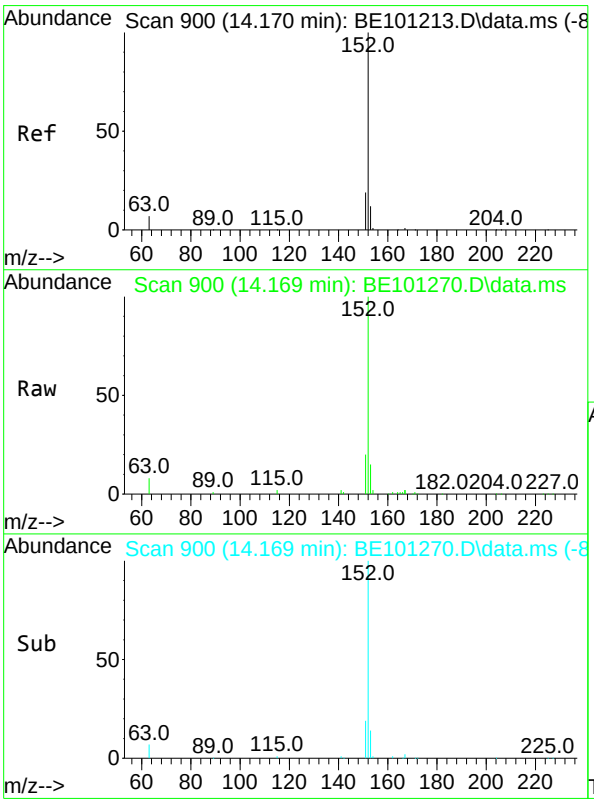


#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.000 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:172 Resp: 17131

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.7	43.1
170	25.1	19.3	28.9

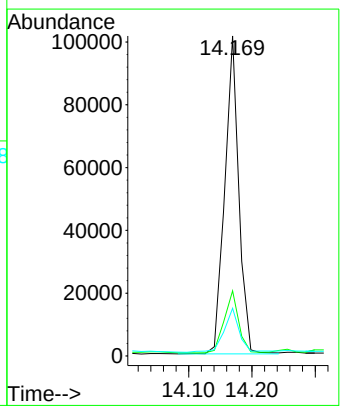


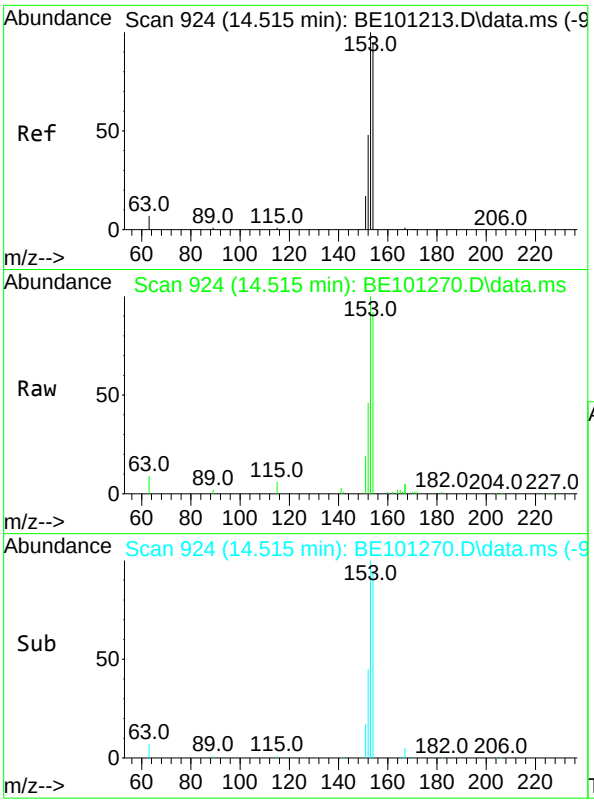


#16
Acenaphthylene
Concen: 1.72 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.000 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:152 Resp: 156173

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.2
153	14.7	10.0	15.0

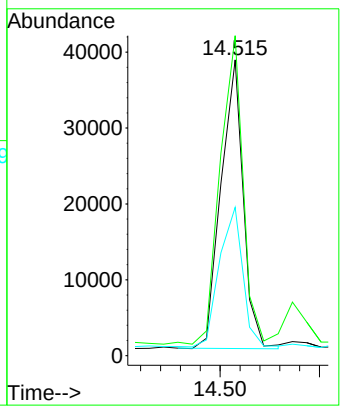




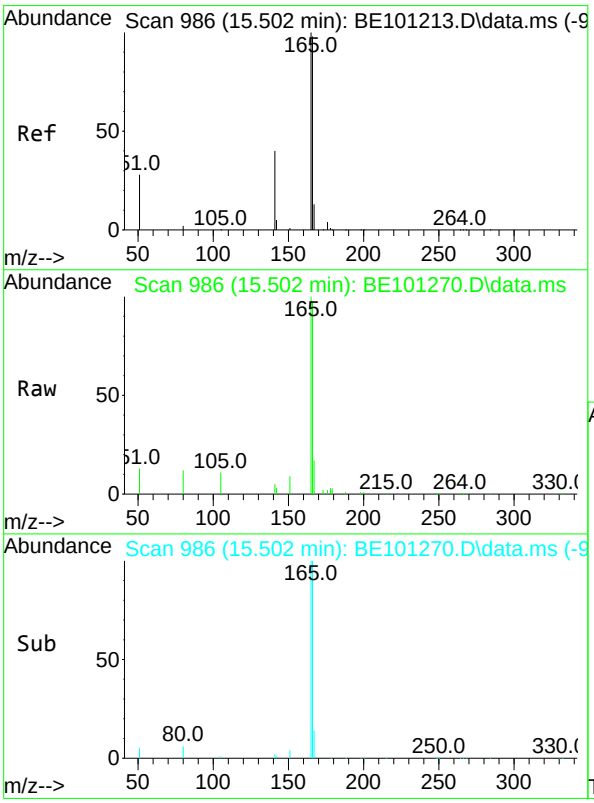
#17
Acenaphthene
Concen: 0.87 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.000 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:154 Resp: 59024

Ion	Ratio	Lower	Upper
154	100		
153	109.1	84.9	127.3
152	50.2	42.7	64.1



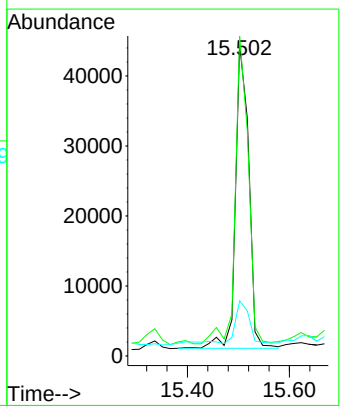
Instrument :
BNA_E
ClientSampleId :
MW-123RRE



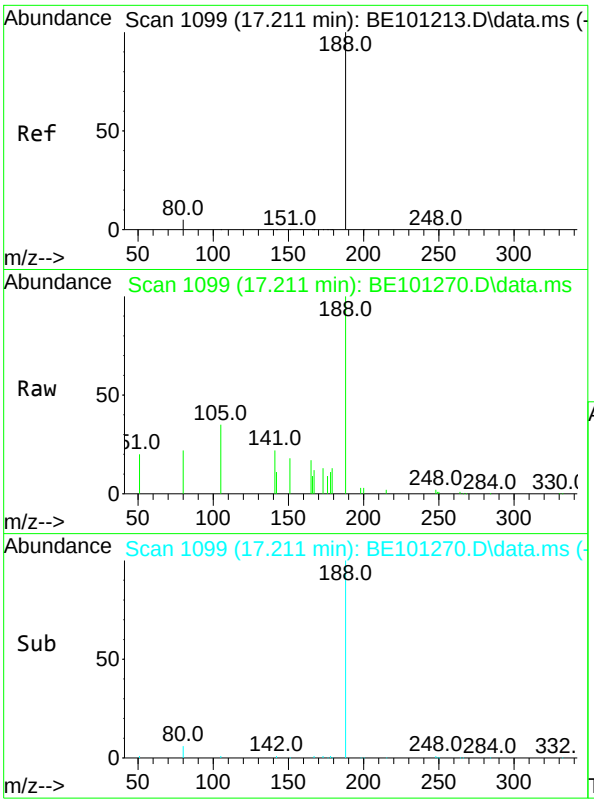
#18
Fluorene
Concen: 0.86 ng
RT: 15.502 min Scan# 986
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:166 Resp: 78457

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.4
167	18.5	11.0	16.4#



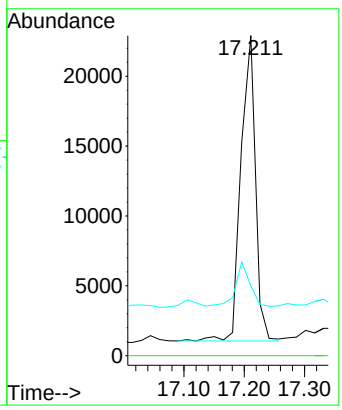
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

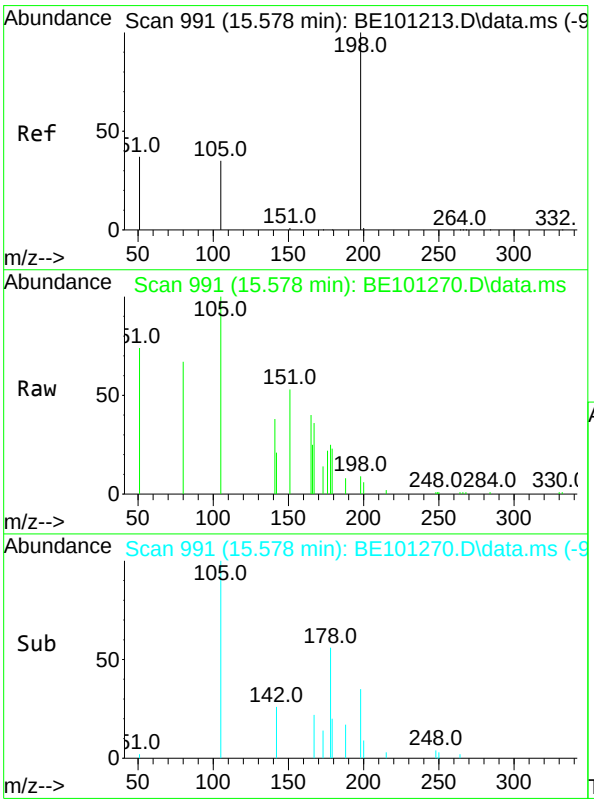


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:188 Resp: 36623

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	21.9	4.6	6.8#

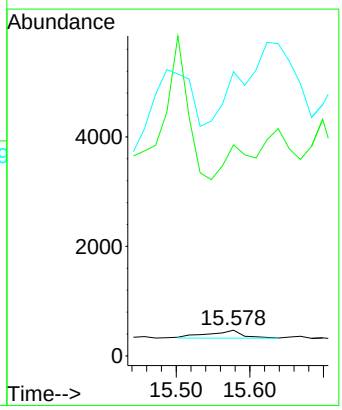




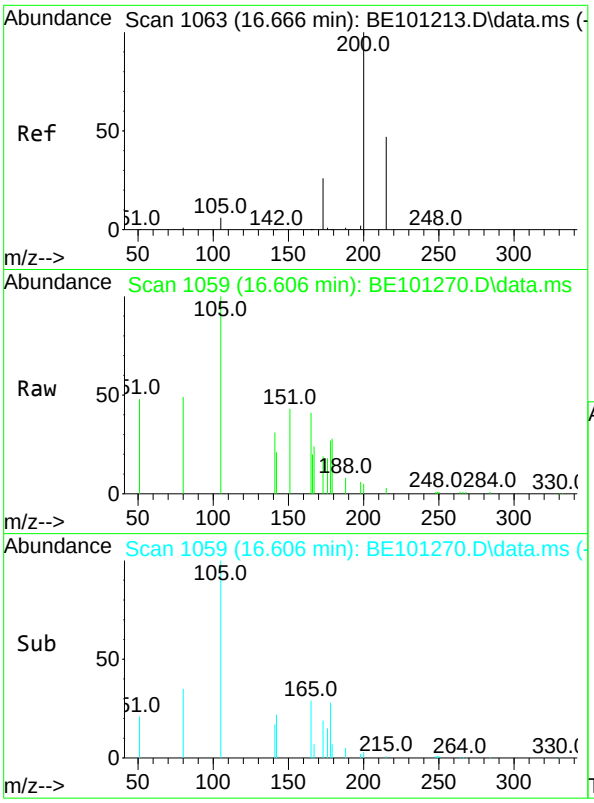
#20
4,6-Dinitro-2-methylphenol
Concen: 0.18 ng
RT: 15.578 min Scan# 991
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:198 Resp: 462

Ion	Ratio	Lower	Upper
198	100		
51	816.7	55.9	83.9#
105	1100.0	33.6	50.4#



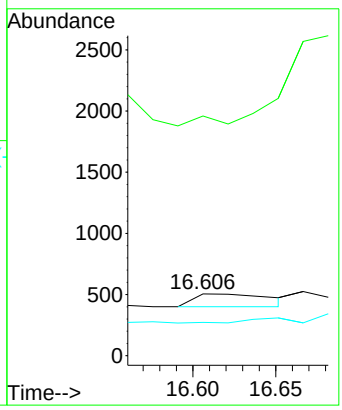
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

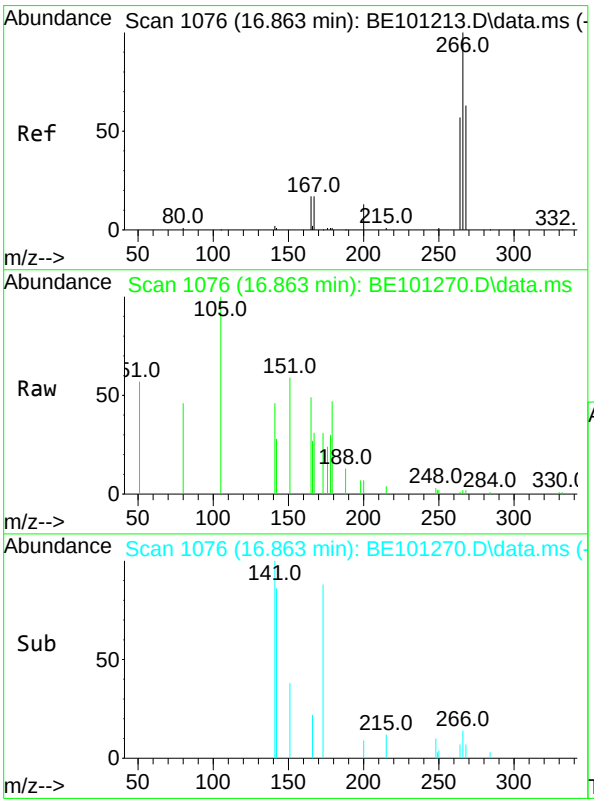


#23
Atrazine
Concen: 0.03 ng
RT: 16.606 min Scan# 1059
Delta R.T. -0.060 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:200 Resp: 332

Ion	Ratio	Lower	Upper
200	100		
173	387.9	21.9	32.9#
215	53.9	38.6	57.8

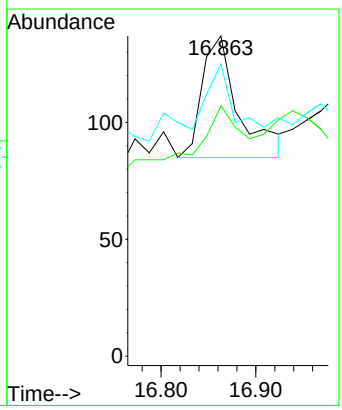




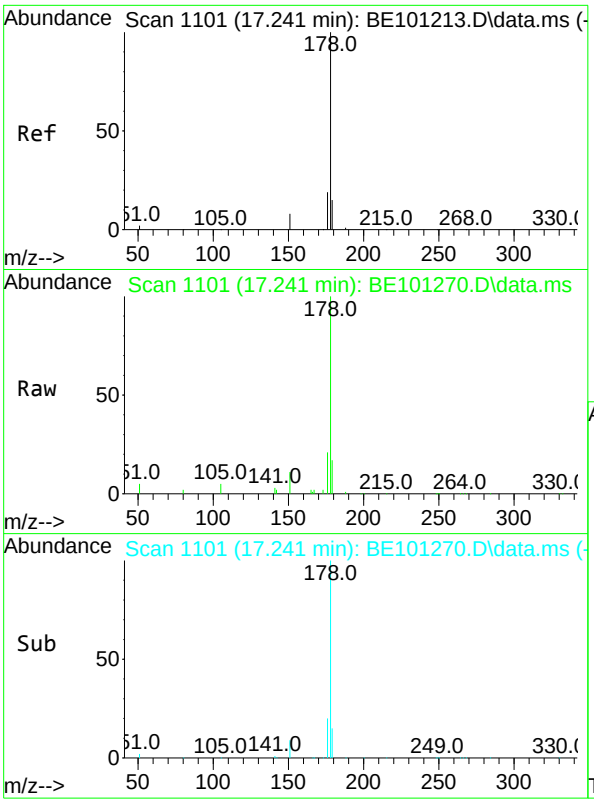
#24
Pentachlorophenol
Concen: 0.02 ng
RT: 16.863 min Scan# 1076
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:266 Resp: 139

Ion	Ratio	Lower	Upper
266	100		
264	39.6	49.1	73.7#
268	66.9	50.6	76.0



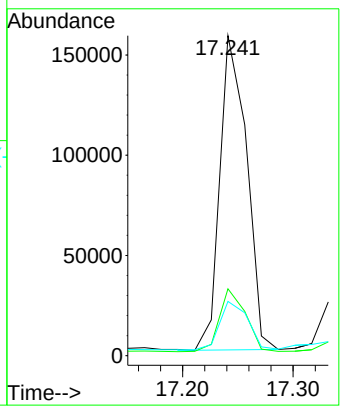
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

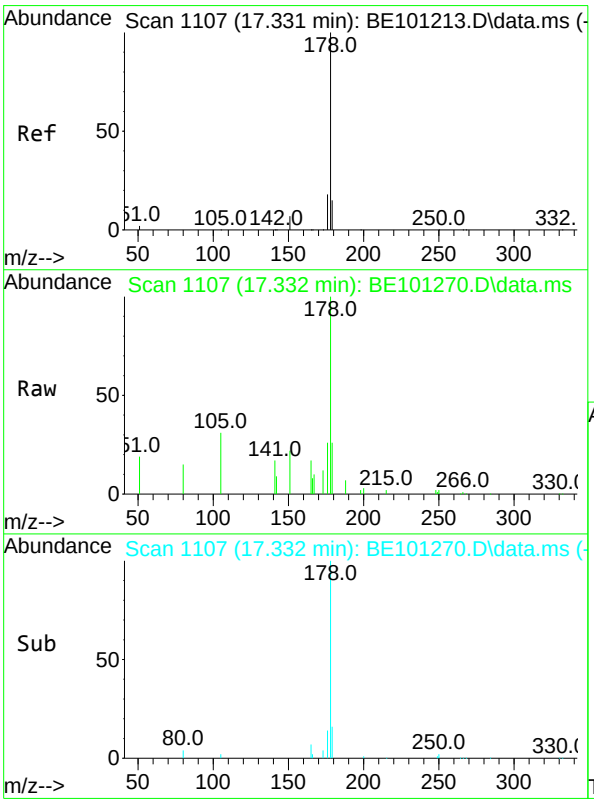


#25
Phenanthrene
Concen: 2.43 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:178 Resp: 264116

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.6
179	16.2	12.2	18.4

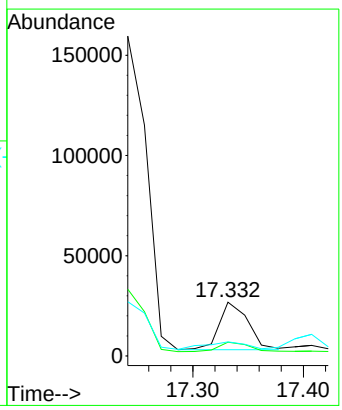


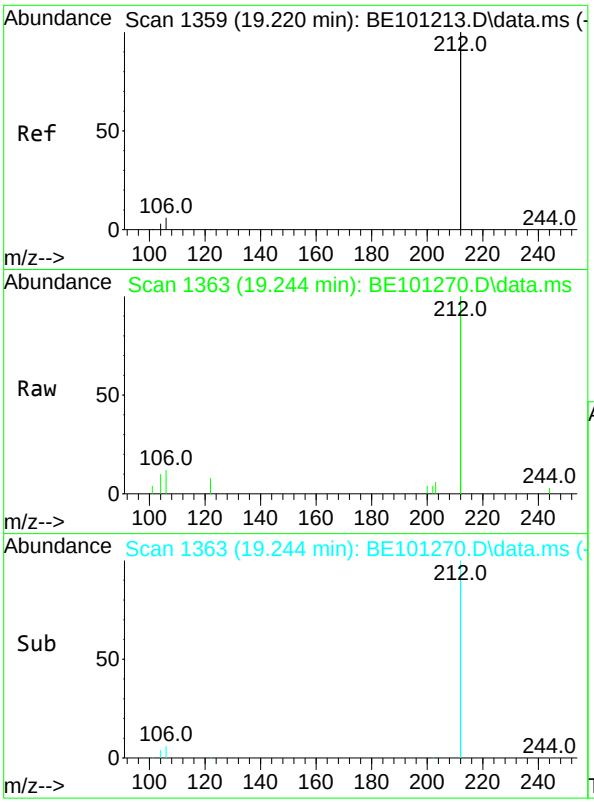


#26
Anthracene
Concen: 0.46 ng
RT: 17.332 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:178 Resp: 42776

Ion	Ratio	Lower	Upper
178	100		
176	22.6	14.4	21.6#
179	22.8	11.8	17.8#

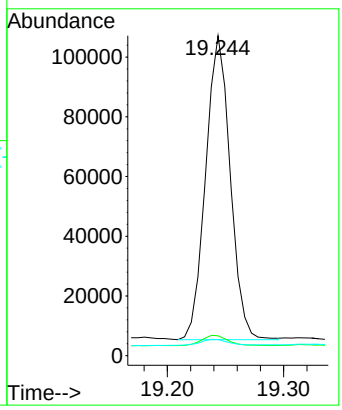




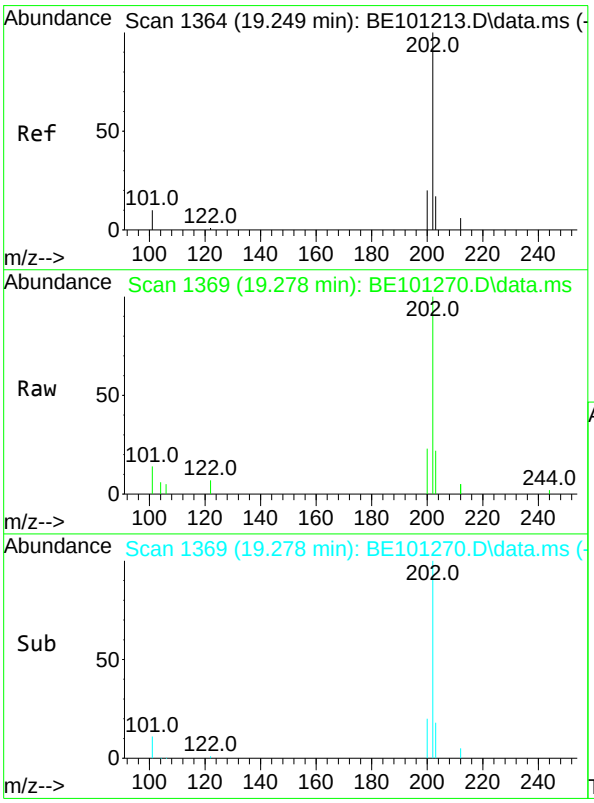
#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.244 min Scan# 1363
Delta R.T. 0.029 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:212 Resp: 149096

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



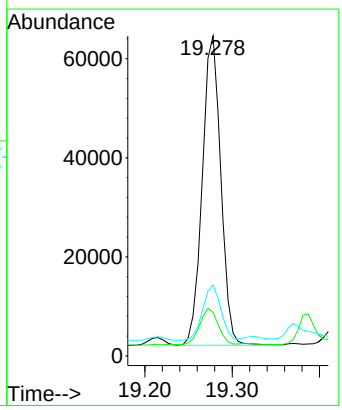
Instrument :
BNA_E
ClientSampleId :
MW-123RRE



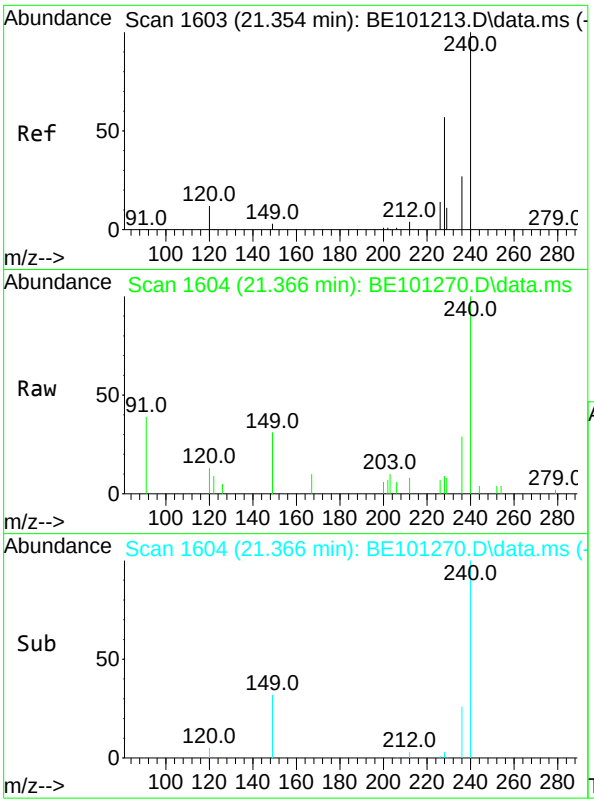
#28
Fluoranthene
Concen: 0.65 ng
RT: 19.278 min Scan# 1369
Delta R.T. 0.035 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:202 Resp: 91970

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
203	17.6	13.6	20.4



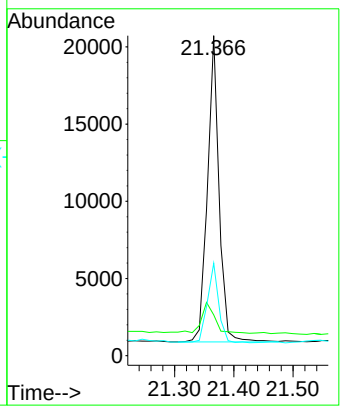
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

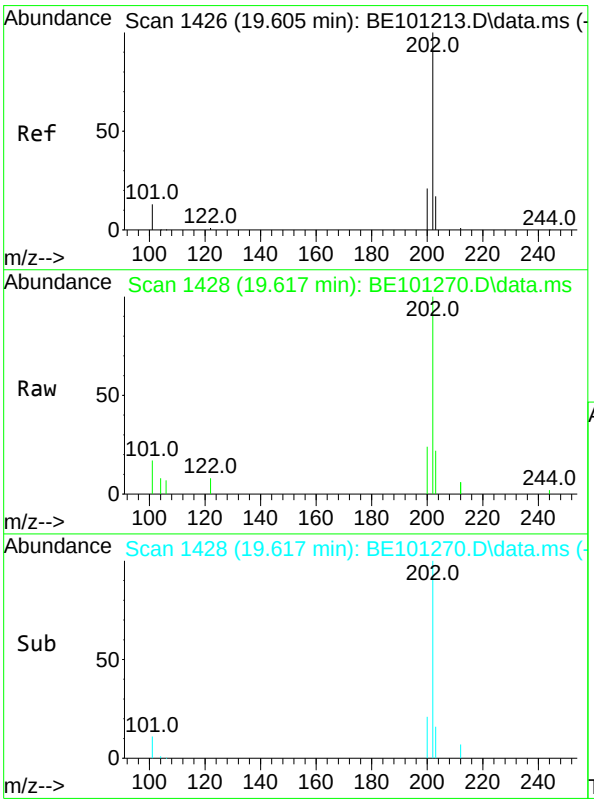


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:240 Resp: 26921

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.2	15.4
236	28.9	21.7	32.5

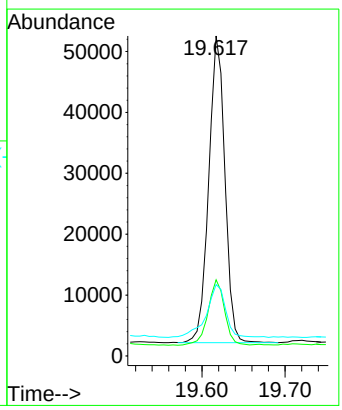




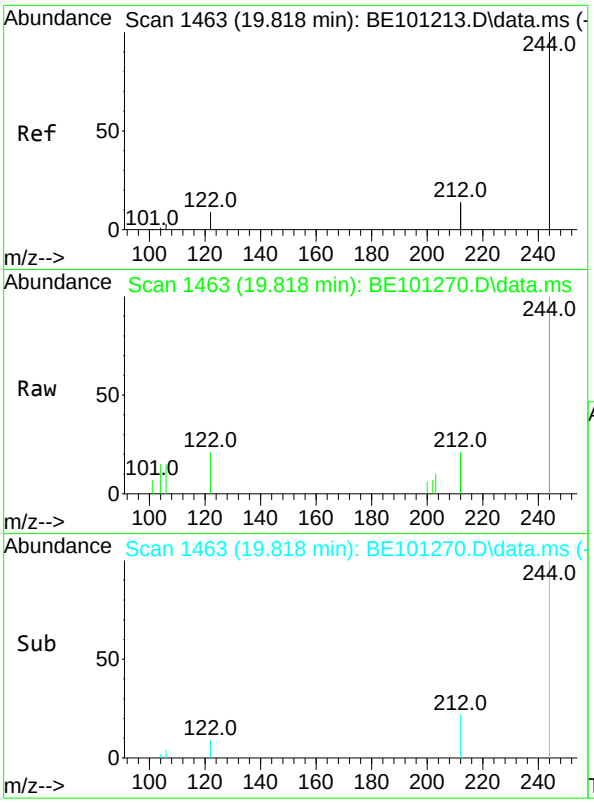
#30
Pyrene
Concen: 0.70 ng
RT: 19.617 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:202 Resp: 67903

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.6	24.8
203	20.5	13.8	20.8



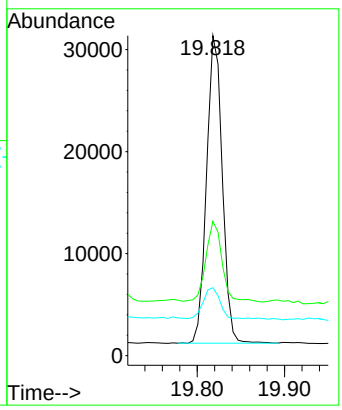
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

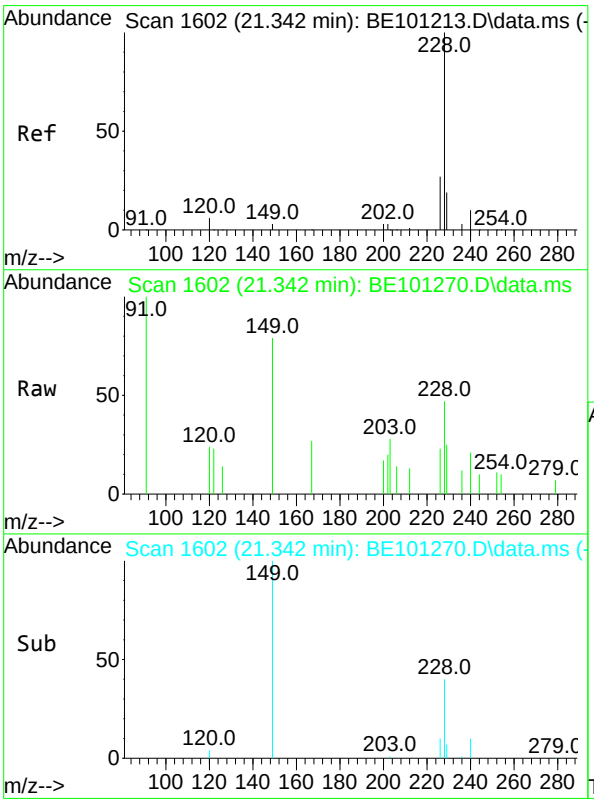


#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.818 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:244 Resp: 37739

Ion	Ratio	Lower	Upper
244	100		
212	42.0	21.9	32.9#
122	21.2	7.3	10.9#

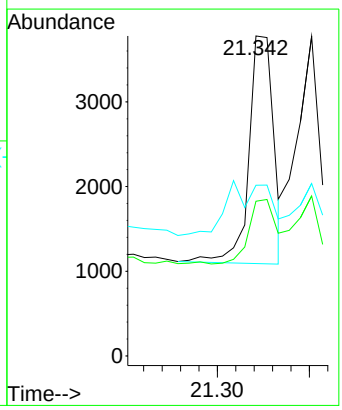




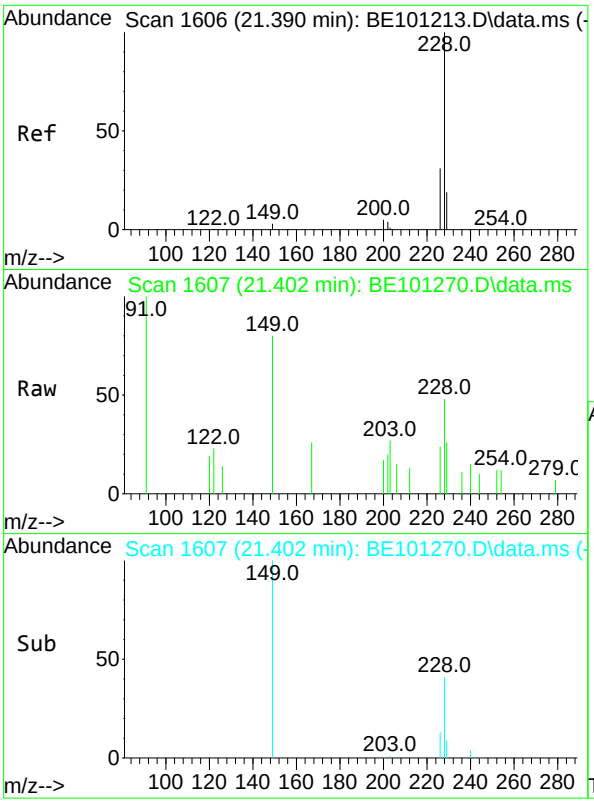
#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.342 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:228 Resp: 5049

Ion	Ratio	Lower	Upper
228	100		
226	48.4	21.4	32.2#
229	53.3	15.7	23.5#



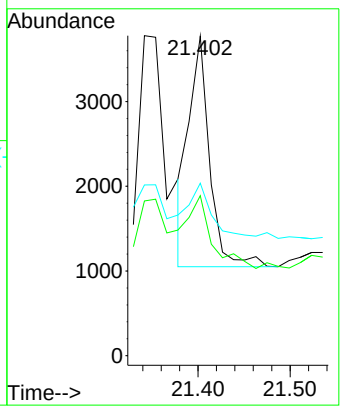
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

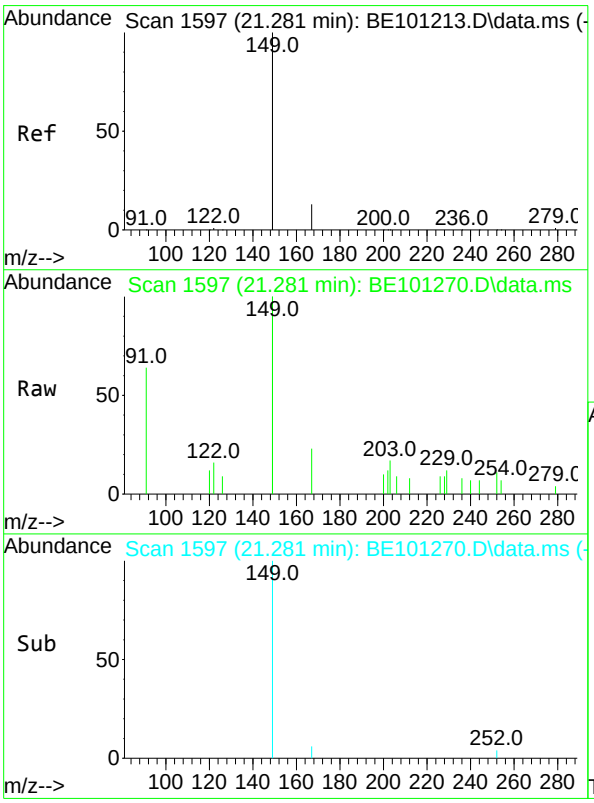


#33
Chrysene
Concen: 0.05 ng
RT: 21.402 min Scan# 1607
Delta R.T. 0.012 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:228 Resp: 4258

Ion	Ratio	Lower	Upper
228	100		
226	50.1	24.8	37.2#
229	54.0	15.2	22.8#

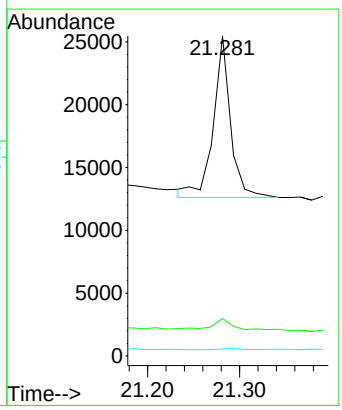




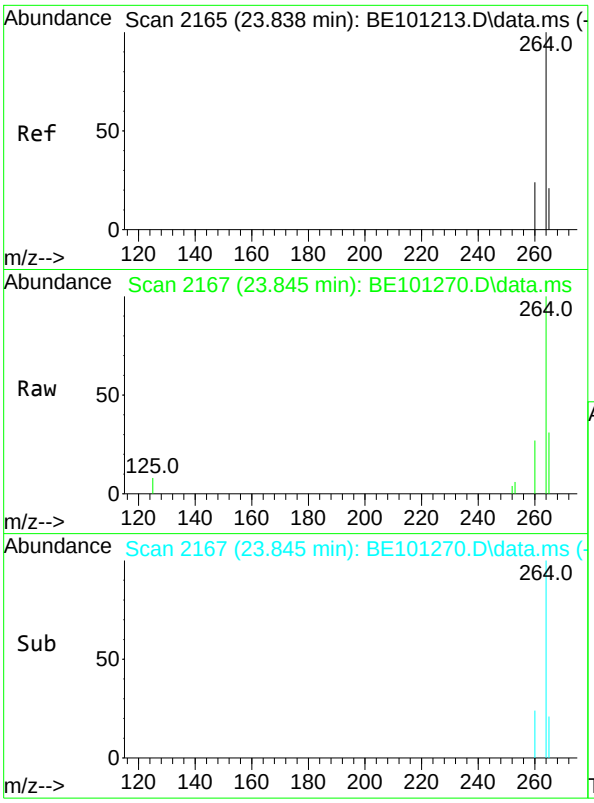
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.30 ng
RT: 21.281 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:149 Resp: 16620

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.5	8.3
279	0.9	1.0	1.4#



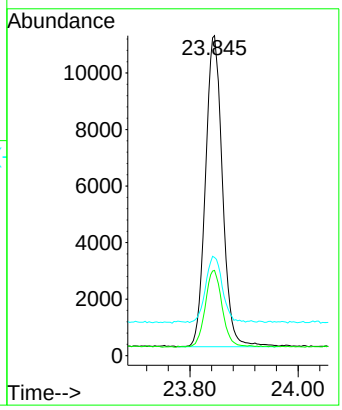
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

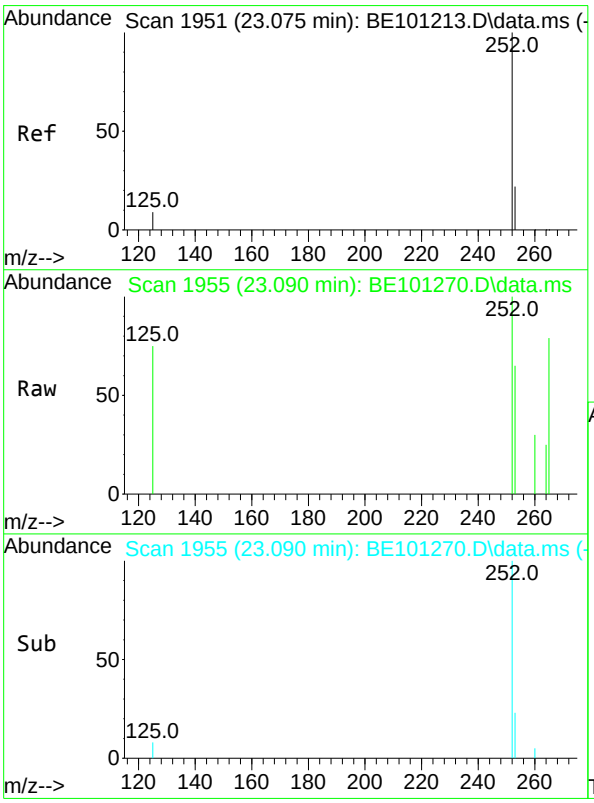


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.845 min Scan# 2167
Delta R.T. 0.011 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:264 Resp: 24049

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.3	28.9
265	30.7	22.4	33.6

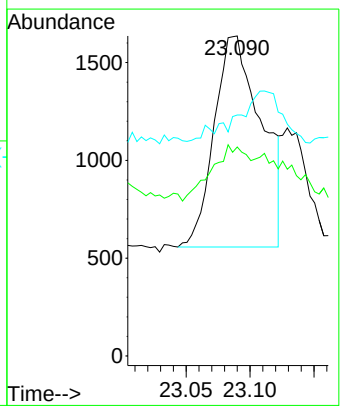




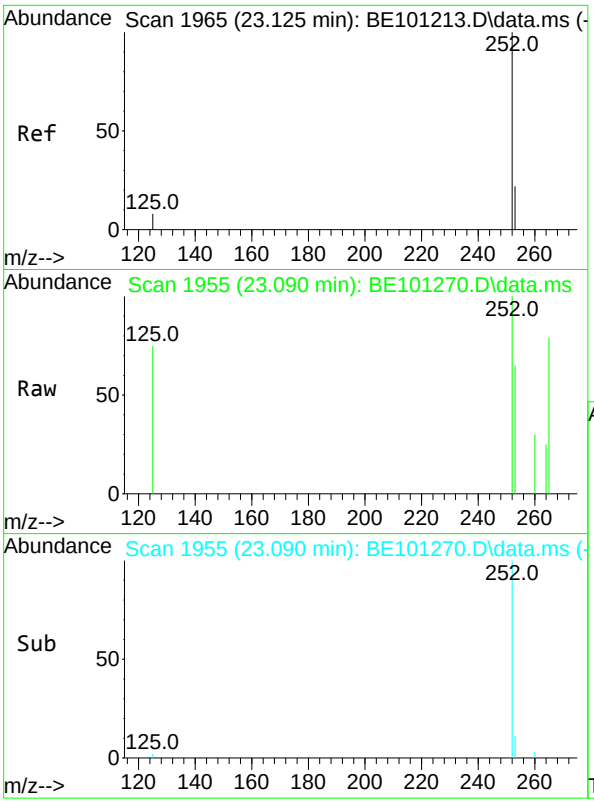
#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.090 min Scan# 1955
Delta R.T. 0.014 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:252 Resp: 2772

Ion	Ratio	Lower	Upper
252	100		
253	65.3	18.1	27.1#
125	75.3	7.6	11.4#



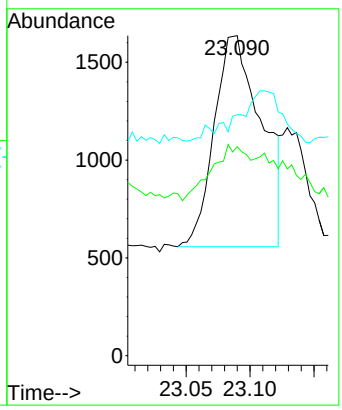
Instrument :
BNA_E
ClientSampleId :
MW-123RRE

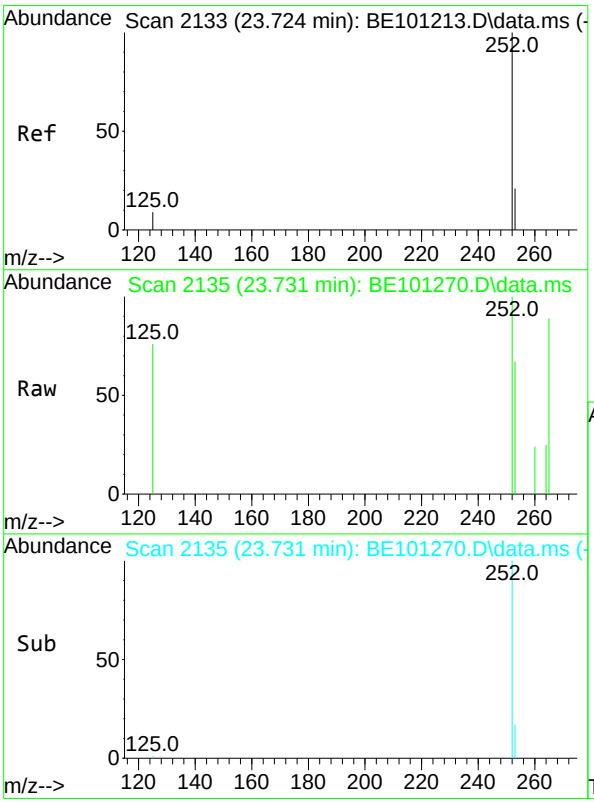


#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.090 min Scan# 1955
Delta R.T. -0.035 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:252 Resp: 2772

Ion	Ratio	Lower	Upper
252	100		
253	65.3	17.8	26.6#
125	75.3	7.6	11.4#





#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.731 min Scan# 2135
Delta R.T. 0.007 min
Lab File: BE101270.D
Acq: 9 Apr 2021 14:49

Tgt Ion:252 Resp: 1813

Ion	Ratio	Lower	Upper
252	100		
253	66.5	18.0	27.0#
125	75.6	8.0	12.0#