

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101260.D
 Acq On : 9 Apr 2021 3:52
 Operator : CG/JU
 Sample : M1966-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-119

Quant Time: Apr 09 04:45:22 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

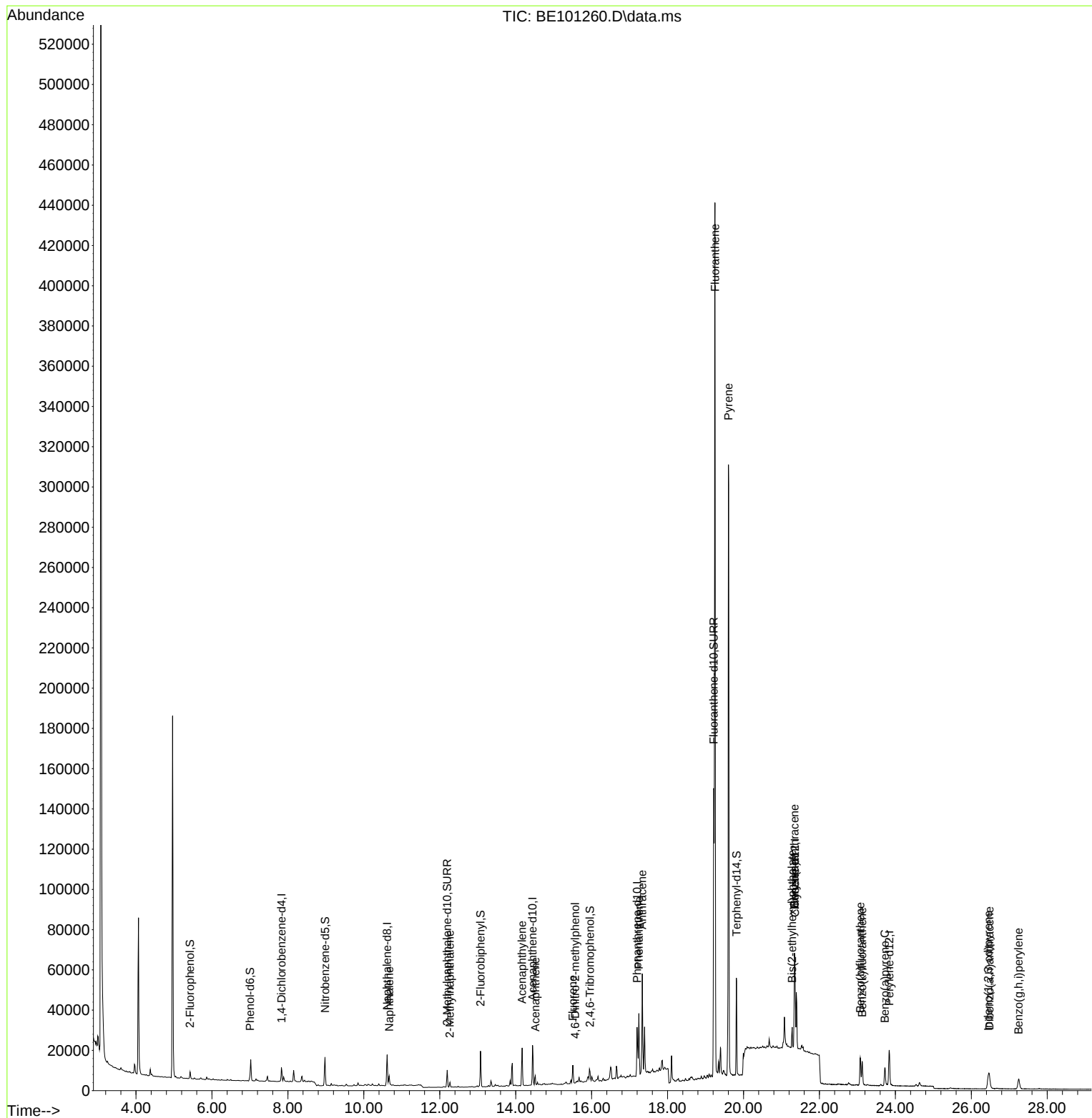
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	3226	0.40	ng	# 0.00
7) Naphthalene-d8	10.615	136	15898	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	12656	0.40	ng	0.00
19) Phenanthrene-d10	17.197	188	34749	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	29086	0.40	ng	# 0.00
36) Perylene-d12	23.838	264	26490	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	1524	0.20	ng	0.00
5) Phenol-d6	7.000	99	1494	0.13	ng	0.01
8) Nitrobenzene-d5	8.978	82	5144	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	10194	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	2100	0.62	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	15319	0.34	ng	0.00
27) Fluoranthene-d10	19.214	212	191039	0.32	ng	0.00
31) Terphenyl-d14	19.817	244	43076	0.55	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.667	128	6803	0.04	ng	# 94
12) 2-Methylnaphthalene	12.268	142	1690	0.05	ng	# 95
16) Acenaphthylene	14.169	152	21986	0.45	ng	98
17) Acenaphthene	14.515	154	2715	0.07	ng	98
18) Fluorene	15.504	166	8183	0.17	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.564	198	31	0.07	ng	# 1
25) Phenanthrene	17.242	178	30915	0.30	ng	98
26) Anthracene	17.333	178	53786	0.61	ng	96
28) Fluoranthene	19.249	202	394871	2.95	ng	99
30) Pyrene	19.605	202	287683	2.74	ng	# 95
32) Benzo(a)anthracene	21.342	228	37865	0.46	ng	97
33) Chrysene	21.342	228	35784	0.37	ng	94
34) Bis(2-ethylhexyl)phtha...	21.282	149	13068	0.22	ng	# 97
35) Indeno(1,2,3-cd)pyrene	26.444	276	13619	0.19	ng	98
37) Benzo(b)fluoranthene	23.075	252	20612	0.24	ng	# 92
38) Benzo(k)fluoranthene	23.125	252	16629	0.17	ng	# 90
39) Benzo(a)pyrene	23.724	252	15280	0.21	ng	# 90
40) Dibenzo(a,h)anthracene	26.477	278	9745	0.14	ng	# 88
41) Benzo(g,h,i)perylene	27.247	276	11699	0.15	ng	# 93

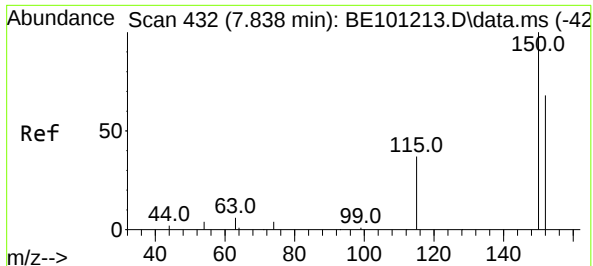
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
Data File : BE101260.D
Acq On : 9 Apr 2021 3:52
Operator : CG/JU
Sample : M1966-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-119

Quant Time: Apr 09 04:45:22 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

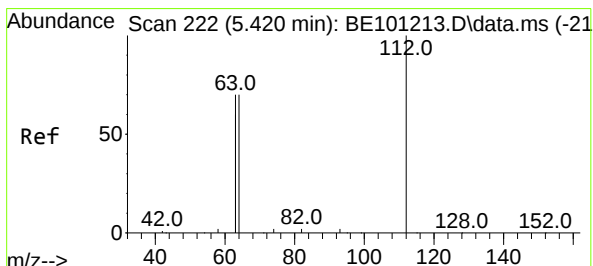
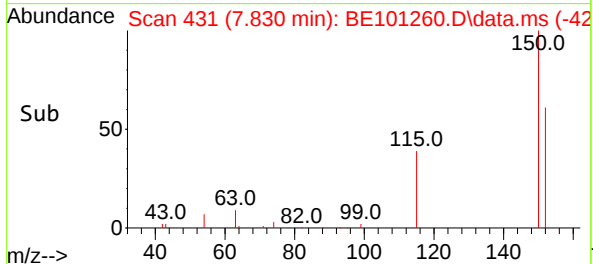
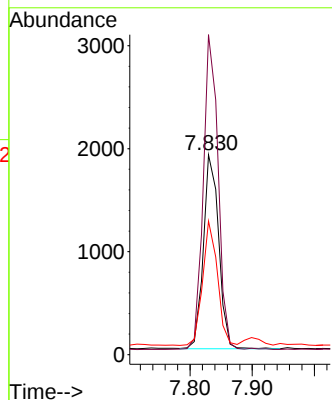
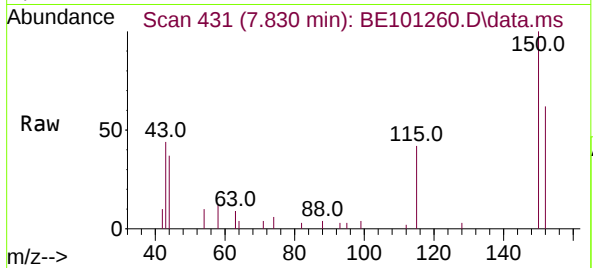




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.830 min Scan# 431
Delta R.T. -0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

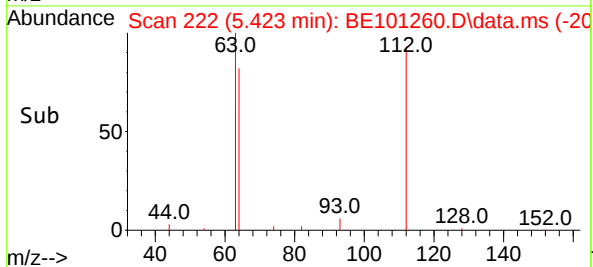
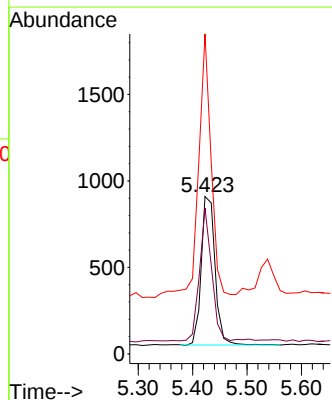
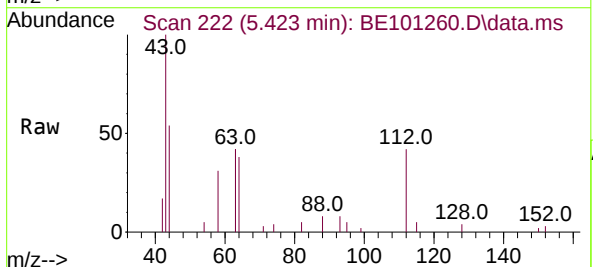
Instrument :
BNA_E
ClientSampleId :
MW-119

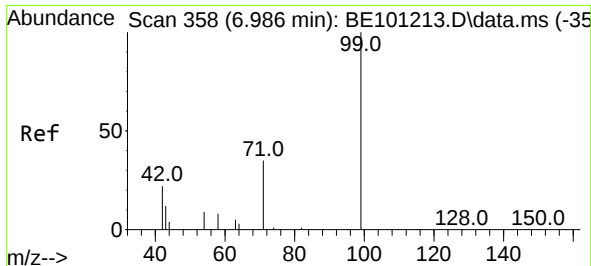
Tgt Ion:152 Resp: 3226
Ion Ratio Lower Upper
152 100
150 160.2 116.9 175.3
115 66.9 44.5 66.7#



#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.423 min Scan# 222
Delta R.T. 0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:112 Resp: 1524
Ion Ratio Lower Upper
112 100
64 78.9 62.3 93.5
63 162.7 117.3 175.9

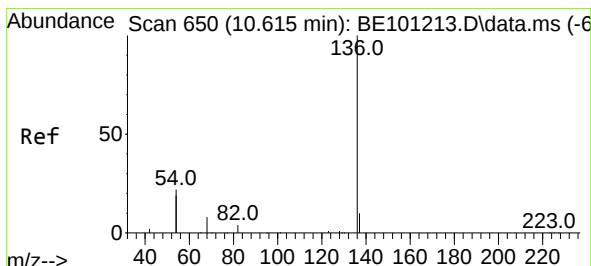
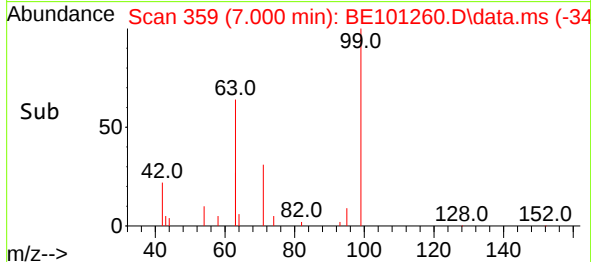
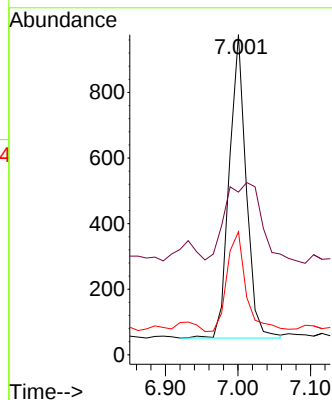
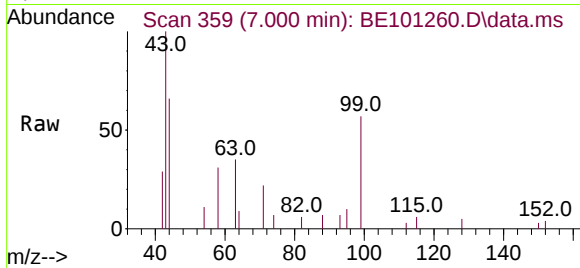




#5
Phenol-d6
Concen: 0.13 ng
RT: 7.000 min Scan# 359
Delta R.T. 0.012 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

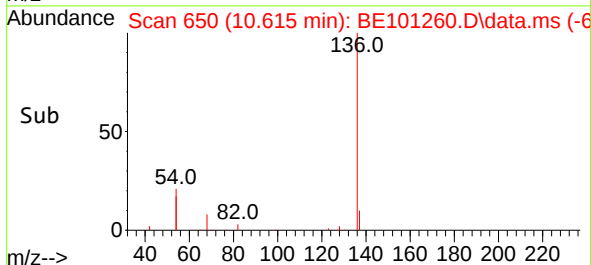
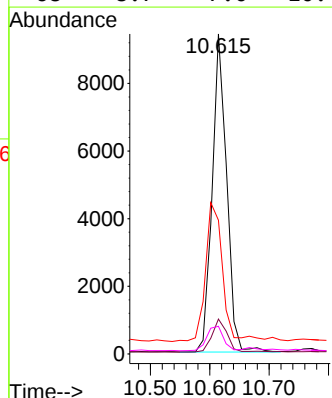
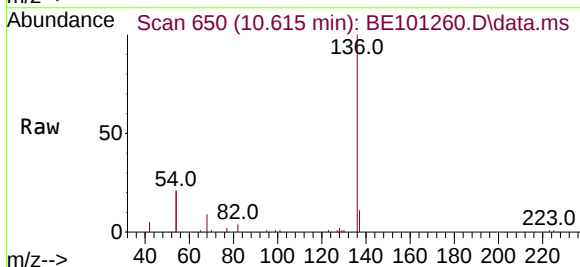
Instrument :
BNA_E
ClientSampleId :
MW-119

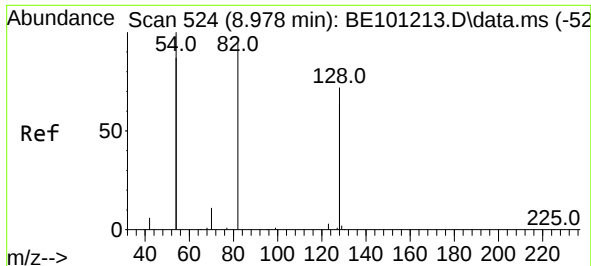
Tgt Ion: 99 Resp: 1494
Ion Ratio Lower Upper
99 100
42 58.3 18.5 27.7#
71 37.3 26.5 39.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion: 136 Resp: 15898
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 41.8 34.7 52.1
68 8.7 7.0 10.4

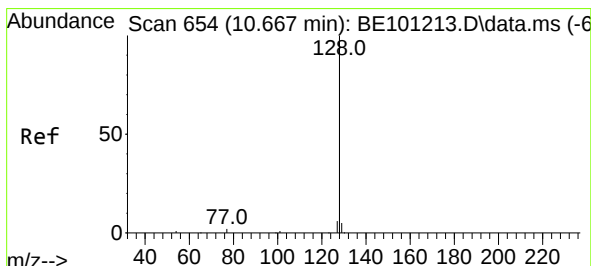
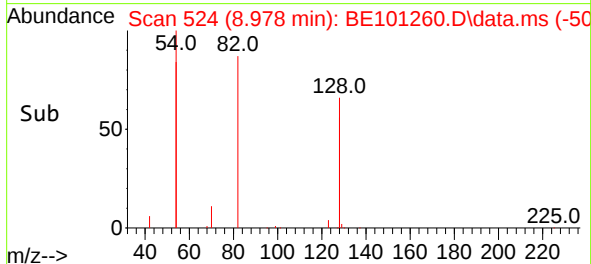
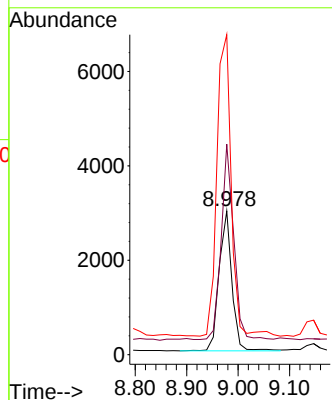
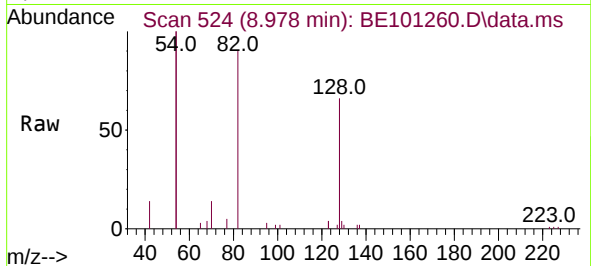




#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

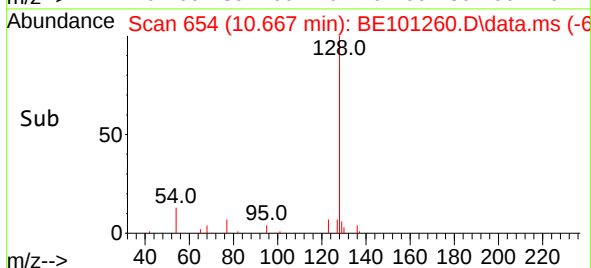
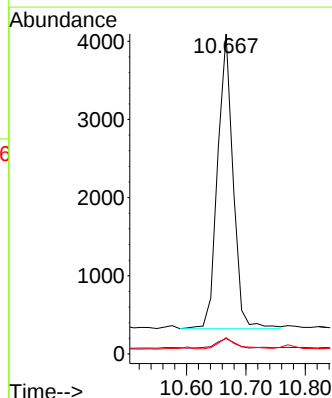
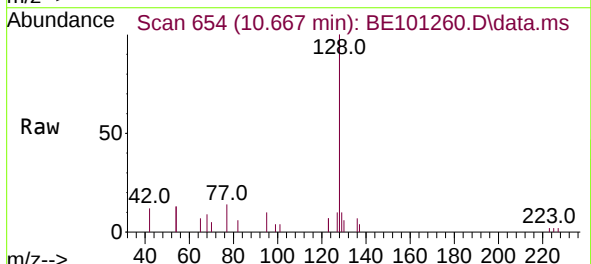
Instrument :
BNA_E
ClientSampled :
MW-119

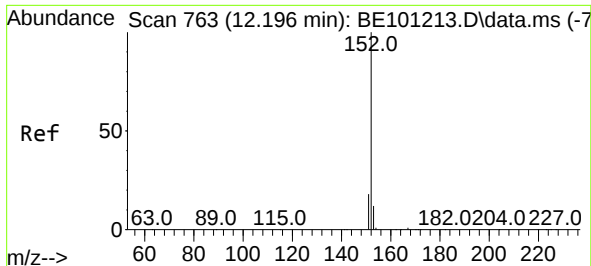
Tgt Ion: 82 Resp: 5144
Ion Ratio Lower Upper
82 100
128 146.5 118.7 178.1
54 222.6 164.4 246.6



#9
Naphthalene
Concen: 0.04 ng
RT: 10.667 min Scan# 654
Delta R.T. 0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion: 128 Resp: 6803
Ion Ratio Lower Upper
128 100
129 4.8 2.2 3.4#
127 5.1 2.6 3.8#

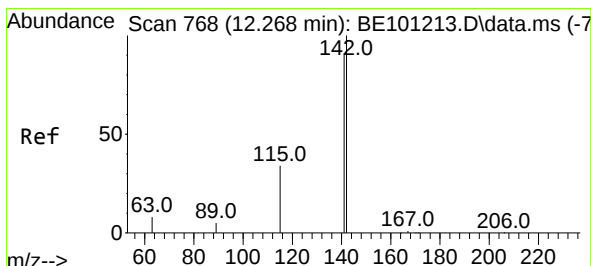
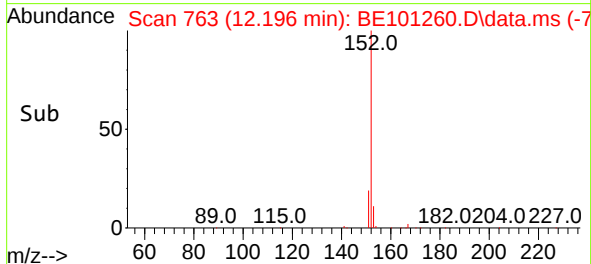
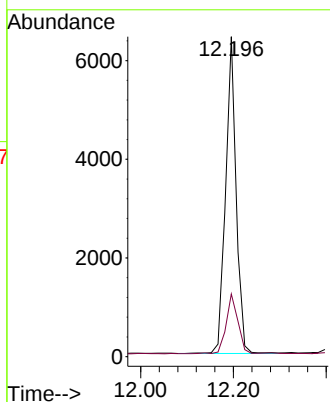
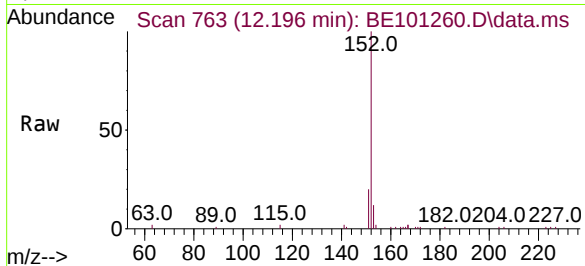




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.196 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

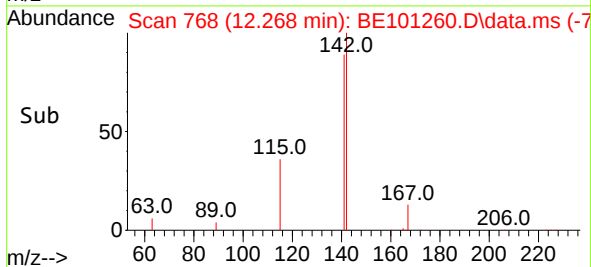
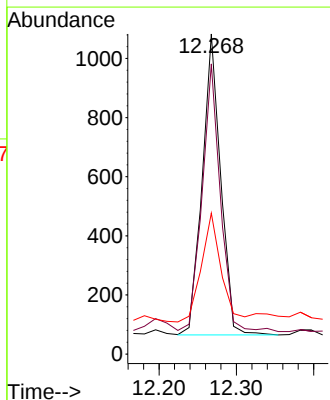
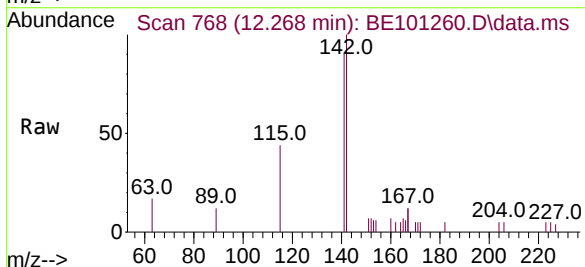
Instrument :
BNA_E
ClientSampleId :
MW-119

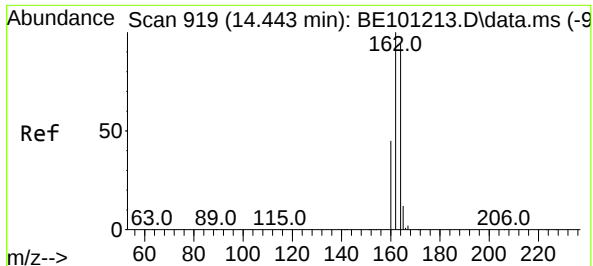
Tgt Ion:152 Resp: 10194
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.268 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:142 Resp: 1690
Ion Ratio Lower Upper
142 100
141 90.7 73.0 109.6
115 44.0 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: BE101260.D

Acq: 9 Apr 2021 3:52

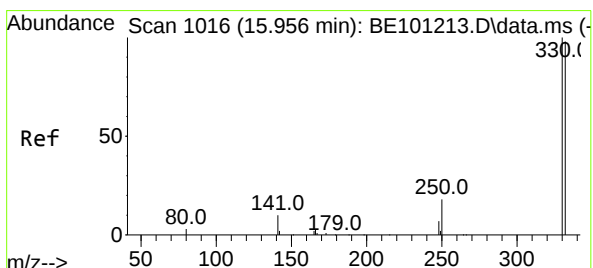
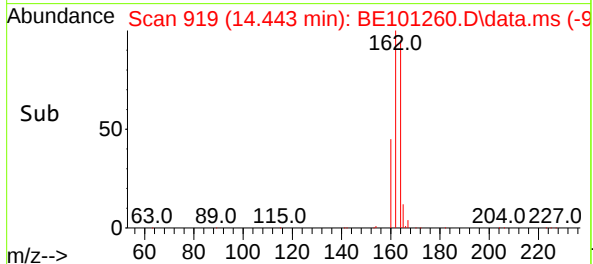
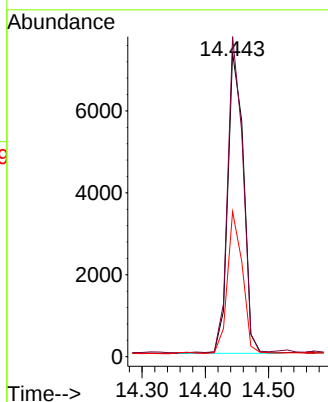
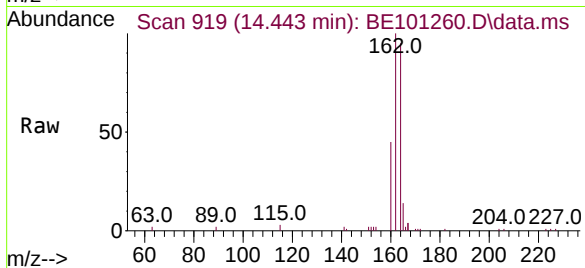
Instrument :

BNA_E

ClientSampleId :

MW-119

Tgt Ion:164	Resp:	12656
Ion Ratio	Lower	Upper
164	100	
162	105.3	85.3 127.9
160	47.7	39.1 58.7



#14

2,4,6-Tribromophenol

Concen: 0.62 ng

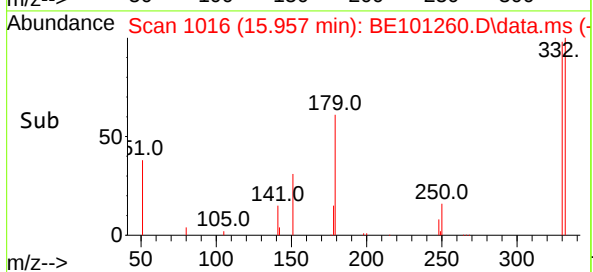
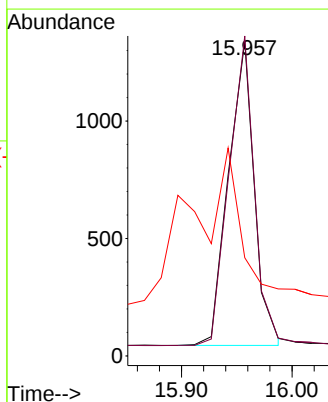
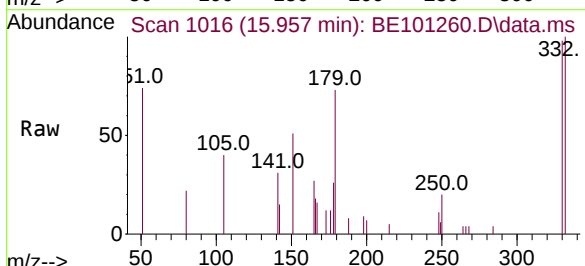
RT: 15.957 min Scan# 1016

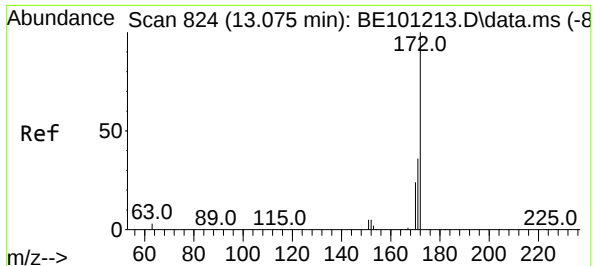
Delta R.T. 0.002 min

Lab File: BE101260.D

Acq: 9 Apr 2021 3:52

Tgt Ion:330	Resp:	2100
Ion Ratio	Lower	Upper
330	100	
332	100.1	77.8 116.6
141	0.0	30.4 45.6#

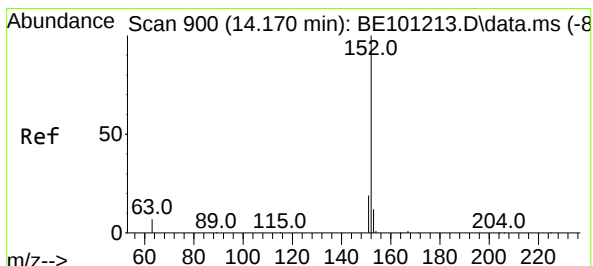
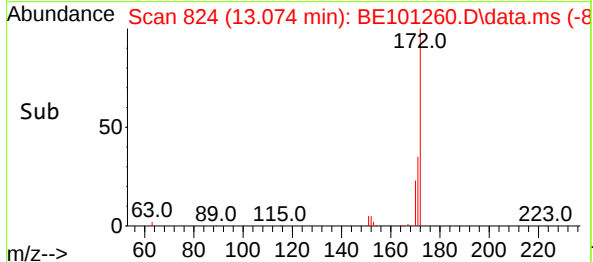
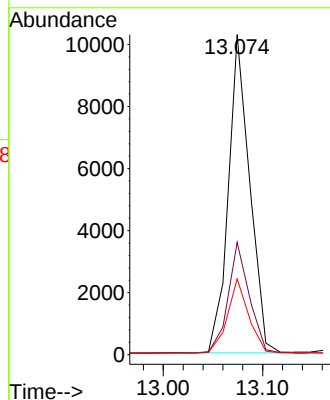
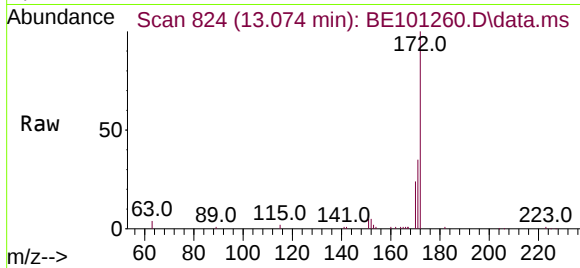




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

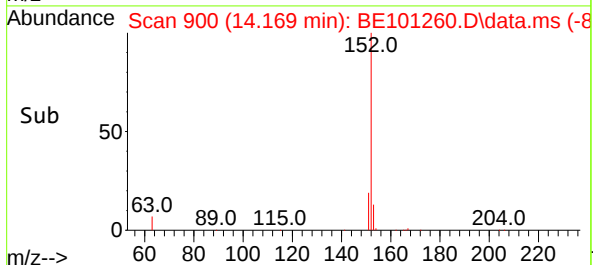
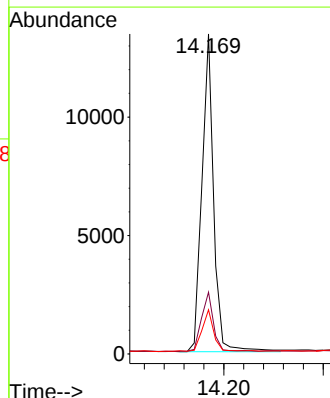
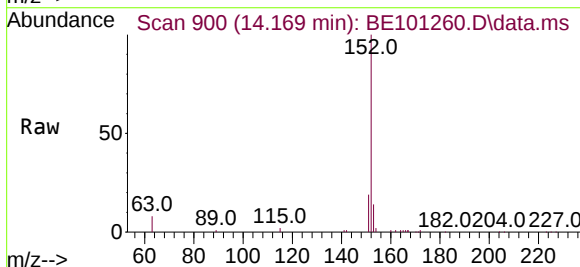
Instrument :
BNA_E
ClientSampleId :
MW-119

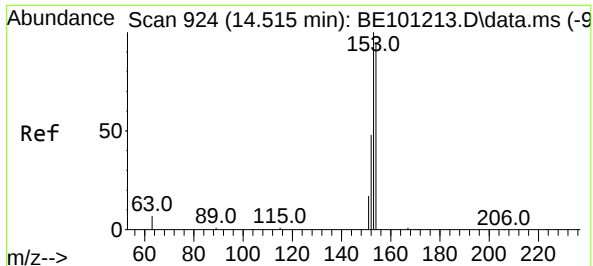
Tgt Ion:172	Resp:	15319
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.7 43.1
170	23.7	19.3 28.9



#16
Acenaphthylene
Concen: 0.45 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:152	Resp:	21986
Ion Ratio	Lower	Upper
152	100	
151	18.9	15.4 23.2
153	13.7	10.0 15.0





#17

Acenaphthene

Concen: 0.07 ng

RT: 14.515 min Scan# 924

Delta R.T. -0.001 min

Lab File: BE101260.D

Acq: 9 Apr 2021 3:52

Tgt Ion:154 Resp: 2715

Ion Ratio Lower Upper

154 100

153 105.7 84.9 127.3

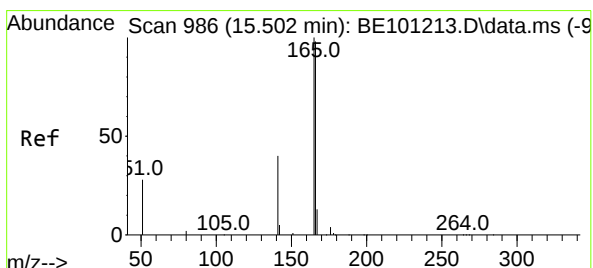
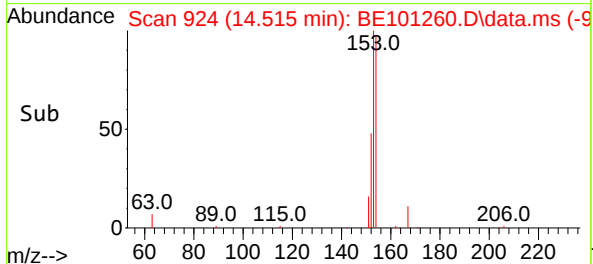
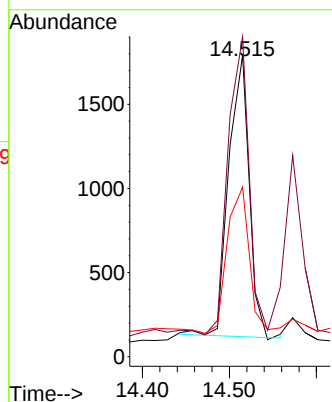
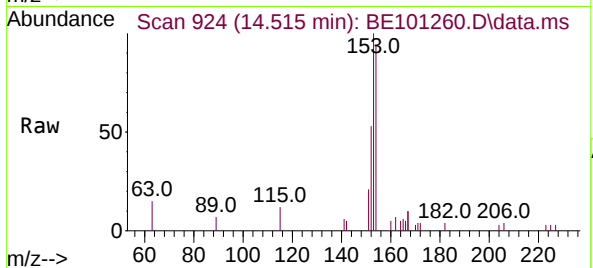
152 57.0 42.7 64.1

Instrument :

BNA_E

ClientSampleId :

MW-119



#18

Fluorene

Concen: 0.17 ng

RT: 15.504 min Scan# 986

Delta R.T. 0.002 min

Lab File: BE101260.D

Acq: 9 Apr 2021 3:52

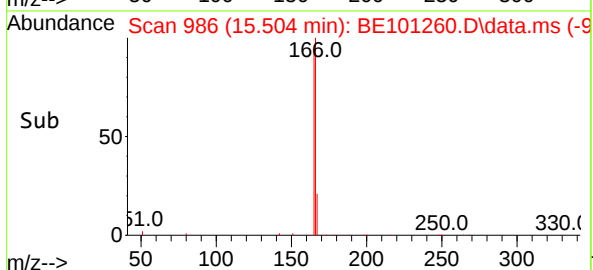
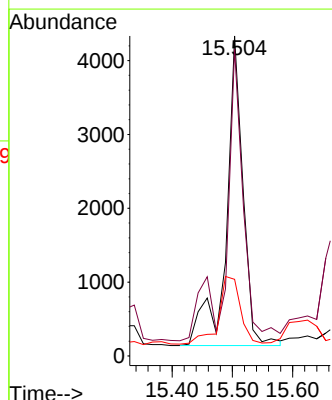
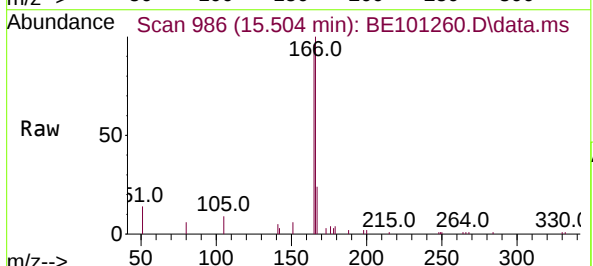
Tgt Ion:166 Resp: 8183

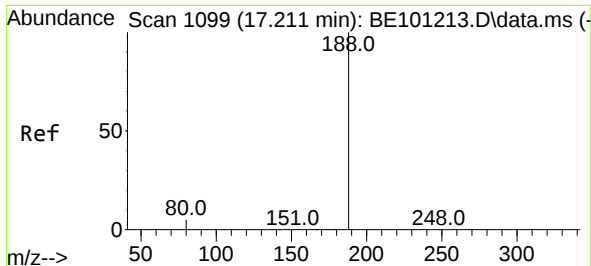
Ion Ratio Lower Upper

166 100

165 96.8 79.0 118.4

167 28.1 11.0 16.4#

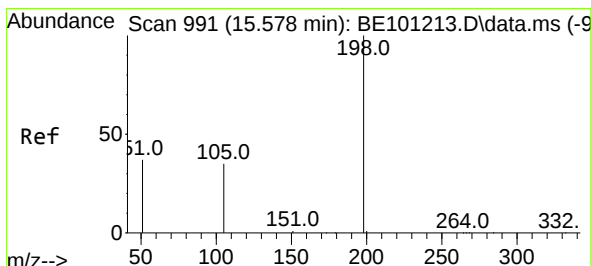
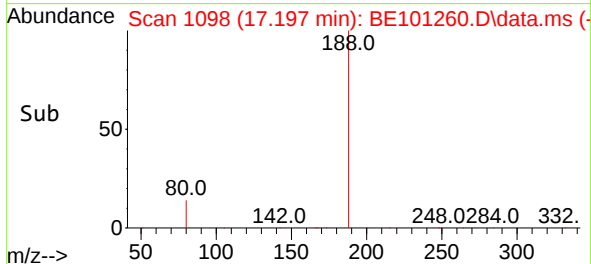
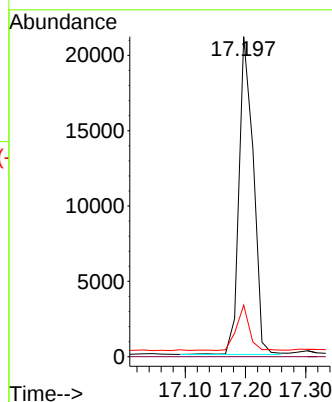
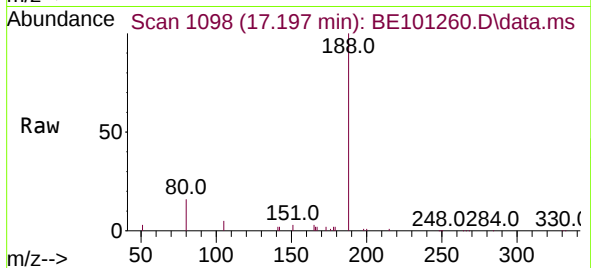




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.197 min Scan# 1098
Delta R.T. -0.013 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

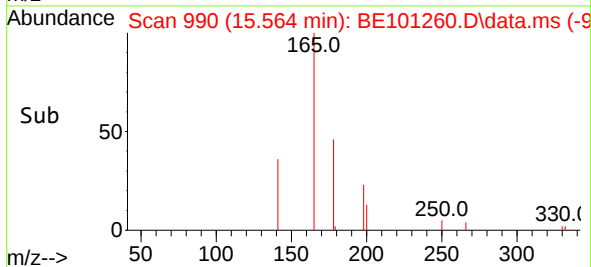
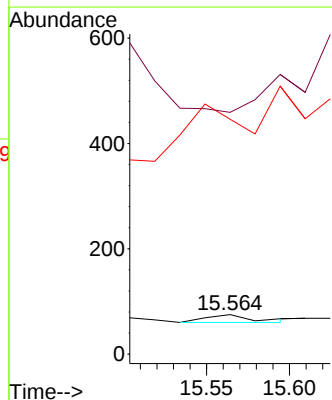
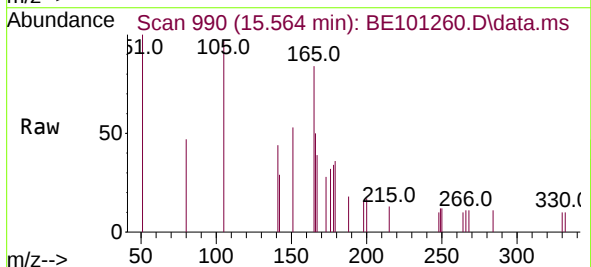
Instrument :
BNA_E
ClientSampleId :
MW-119

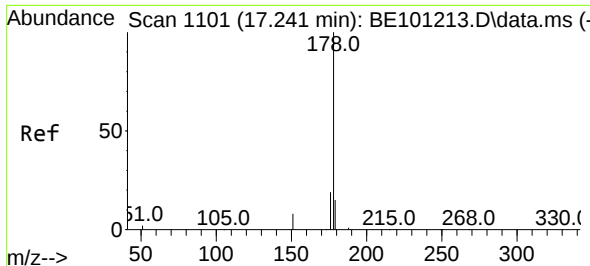
Tgt Ion:188 Resp: 34749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 4.6 6.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.07 ng
RT: 15.564 min Scan# 990
Delta R.T. -0.013 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:198 Resp: 31
Ion Ratio Lower Upper
198 100
51 612.0 55.9 83.9#
105 594.7 33.6 50.4#

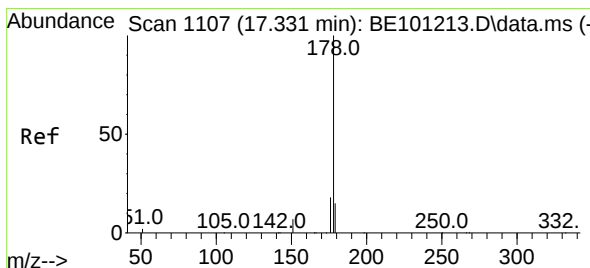
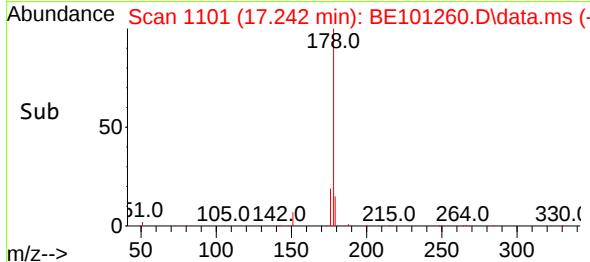
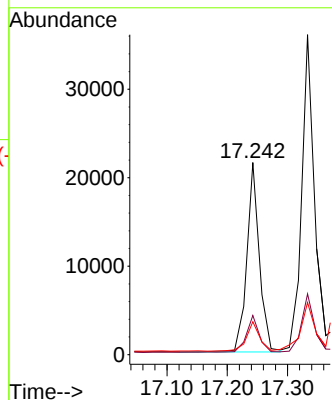
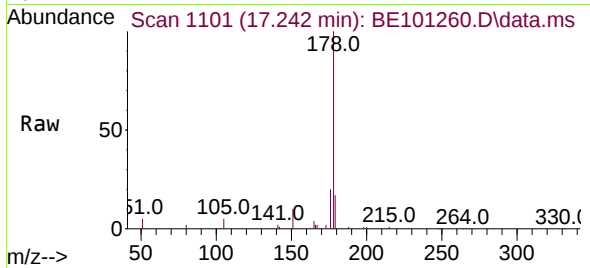




#25
Phenanthrene
Concen: 0.30 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.002 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

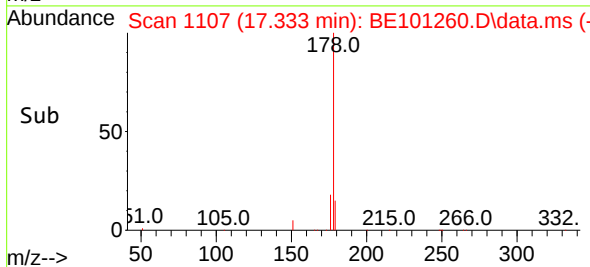
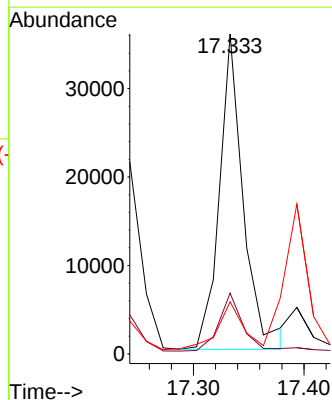
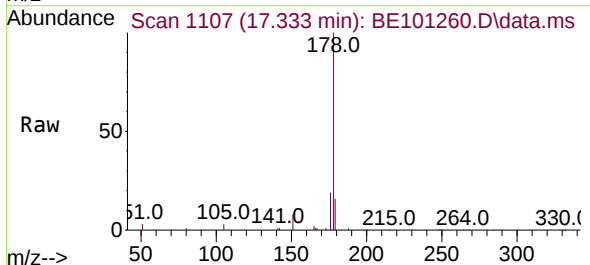
Instrument :
BNA_E
ClientSampleId :
MW-119

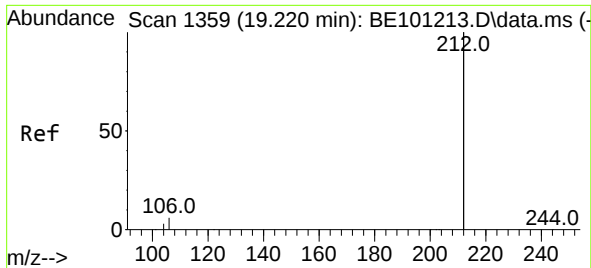
Tgt Ion:178 Resp: 30915
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 16.2 12.2 18.4



#26
Anthracene
Concen: 0.61 ng
RT: 17.333 min Scan# 1107
Delta R.T. 0.002 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:178 Resp: 53786
Ion Ratio Lower Upper
178 100
176 19.3 14.4 21.6
179 16.6 11.8 17.8

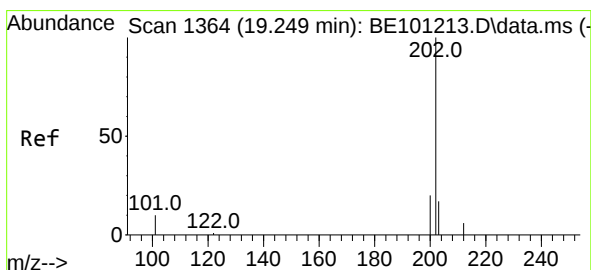
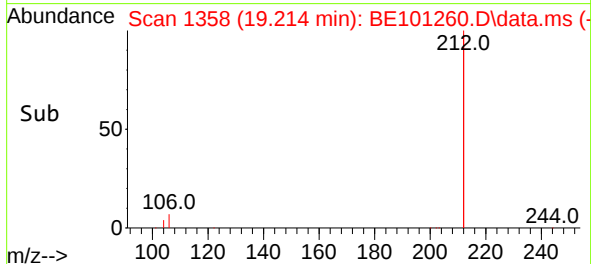
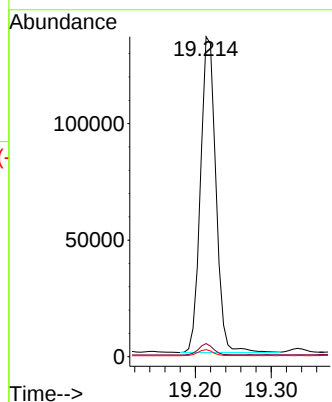
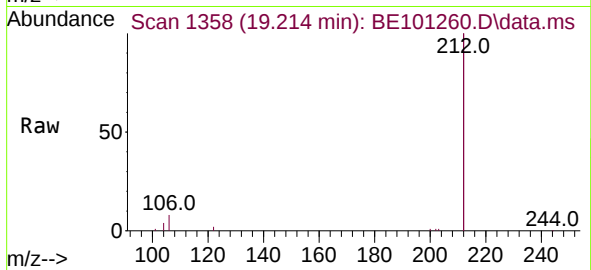




#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.214 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

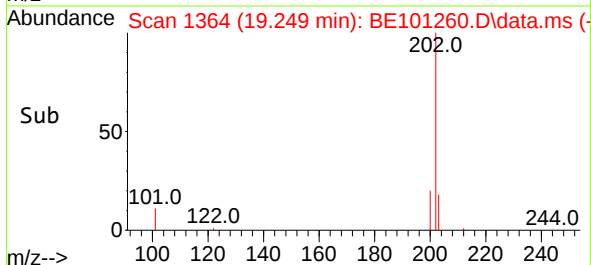
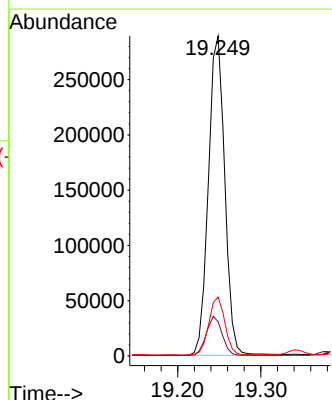
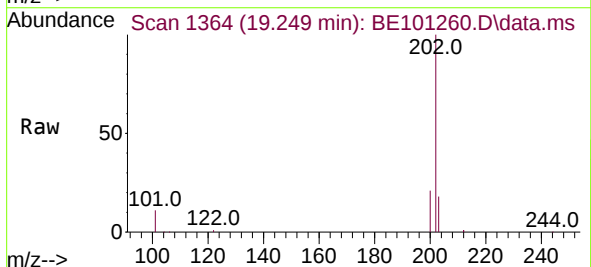
Instrument :
BNA_E
ClientSampleId :
MW-119

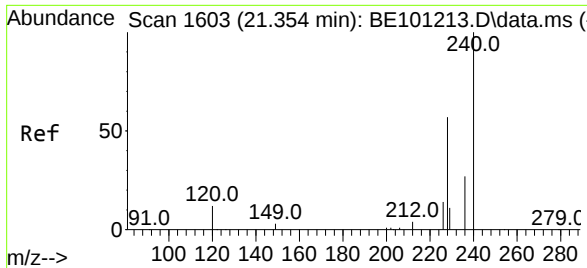
Tgt Ion:212 Resp: 191039
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 1.9 1.4 2.2



#28
Fluoranthene
Concen: 2.95 ng
RT: 19.249 min Scan# 1364
Delta R.T. 0.005 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:202 Resp: 394871
Ion Ratio Lower Upper
202 100
101 11.8 9.1 13.7
203 17.8 13.6 20.4

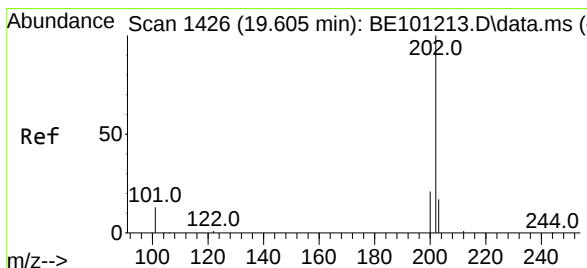
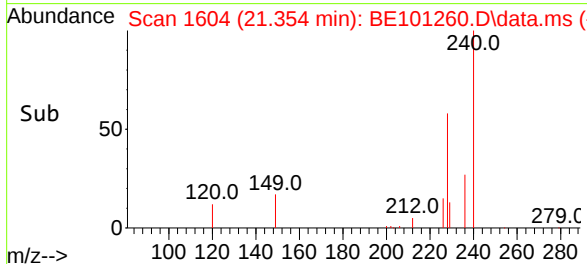
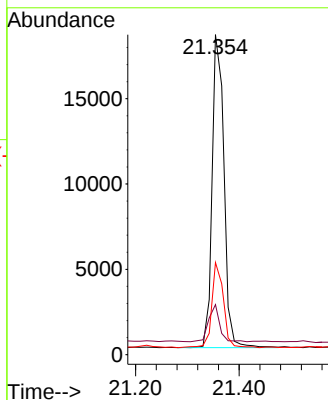
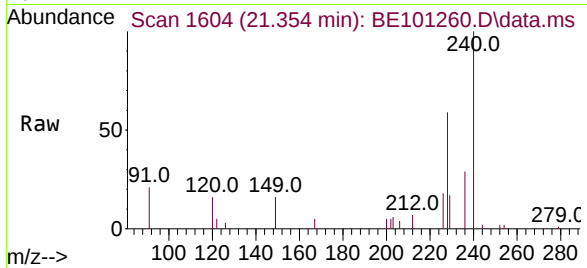




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

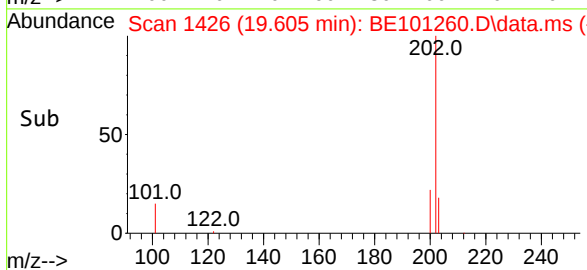
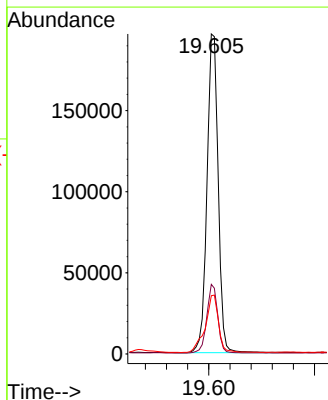
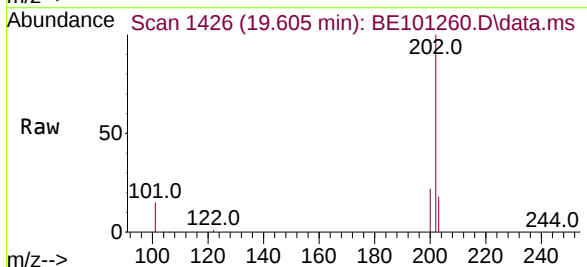
Instrument :
BNA_E
ClientSampleId :
MW-119

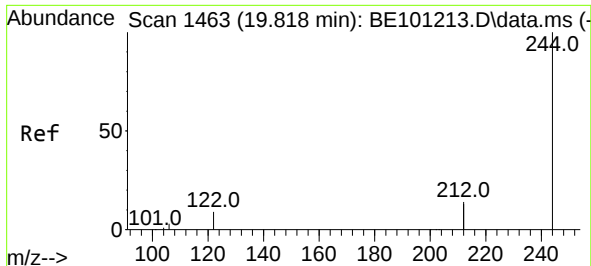
Tgt Ion:240 Resp: 29086
Ion Ratio Lower Upper
240 100
120 15.7 10.2 15.4#
236 28.8 21.7 32.5



#30
Pyrene
Concen: 2.74 ng
RT: 19.605 min Scan# 1426
Delta R.T. -0.001 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:202 Resp: 287683
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 21.4 13.8 20.8#

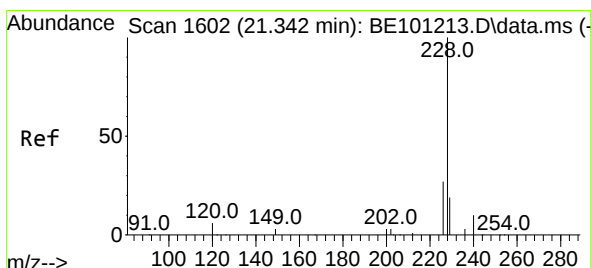
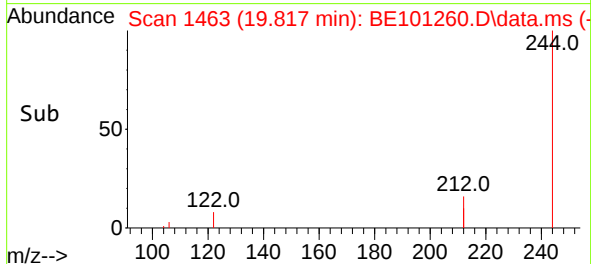
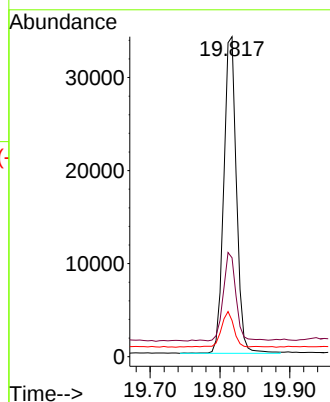
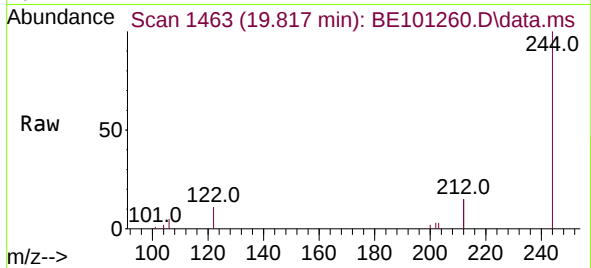




#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.817 min Scan# 1463
Delta R.T. 0.005 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

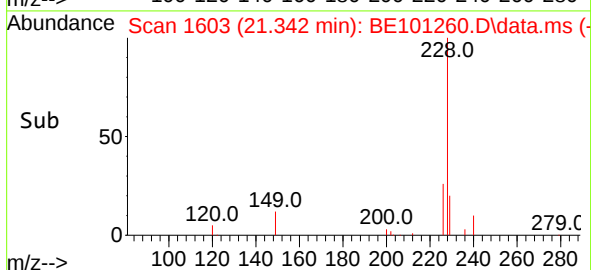
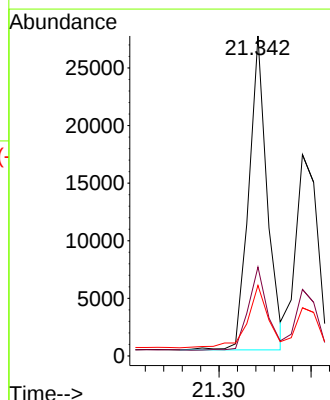
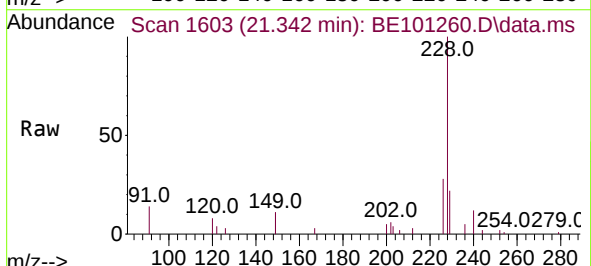
Instrument :
BNA_E
ClientSampleId :
MW-119

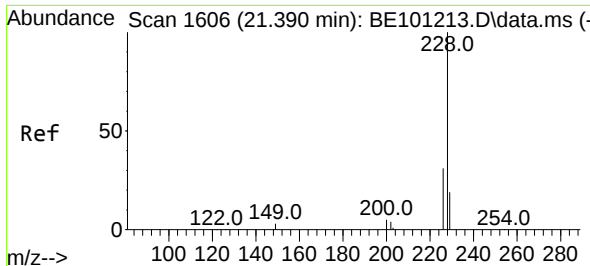
Tgt Ion:244 Resp: 43076
Ion Ratio Lower Upper
244 100
212 30.9 21.9 32.9
122 11.3 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.46 ng
RT: 21.342 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:228 Resp: 37865
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.2
229 22.1 15.7 23.5

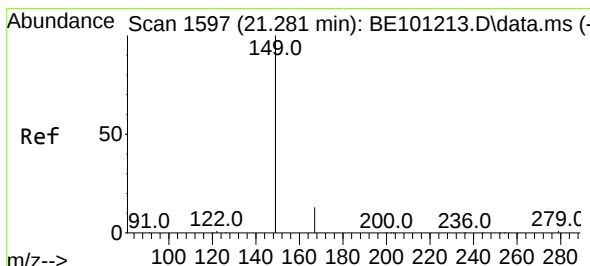
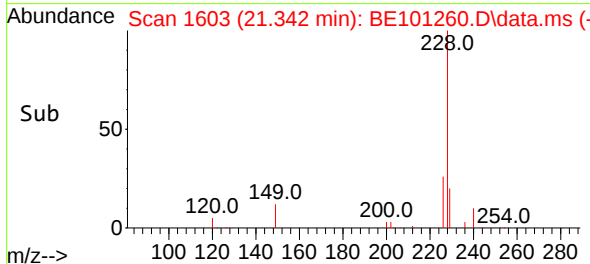
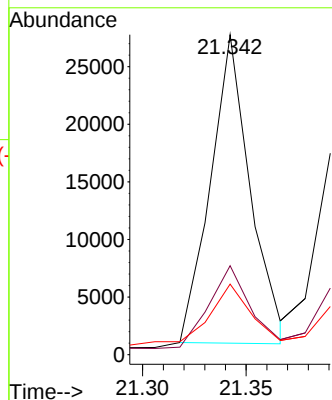
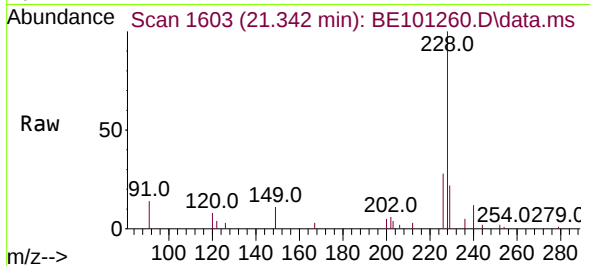




#33
Chrysene
Concen: 0.37 ng
RT: 21.342 min Scan# 1603
Delta R.T. -0.048 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

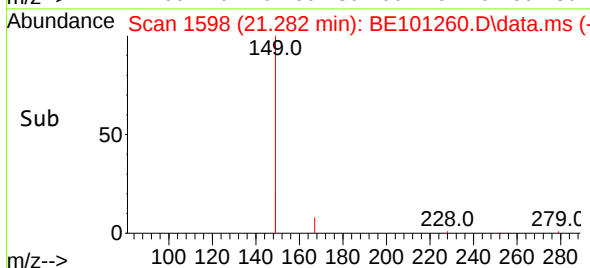
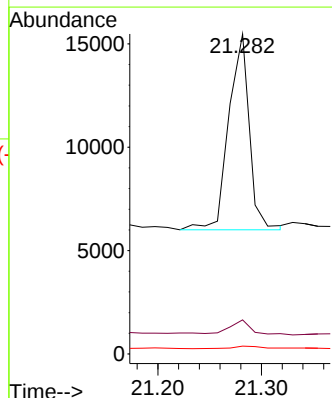
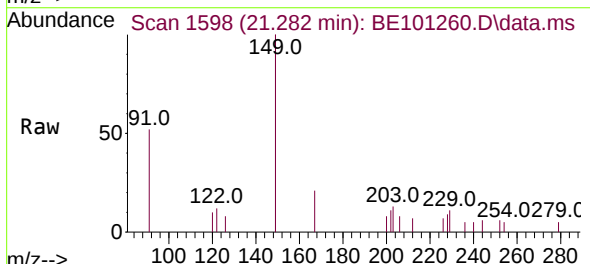
Instrument :
BNA_E
ClientSampleId :
MW-119

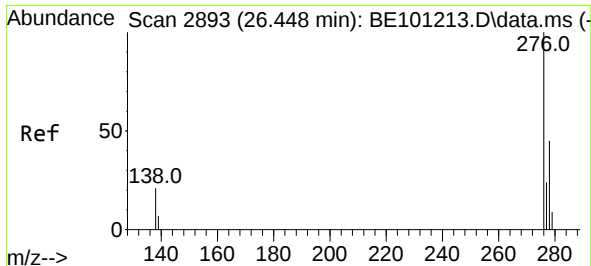
Tgt Ion:228 Resp: 35784
Ion Ratio Lower Upper
228 100
226 27.8 24.8 37.2
229 22.1 15.2 22.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.282 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:149 Resp: 13068
Ion Ratio Lower Upper
149 100
167 8.0 5.5 8.3
279 1.9 1.0 1.4#

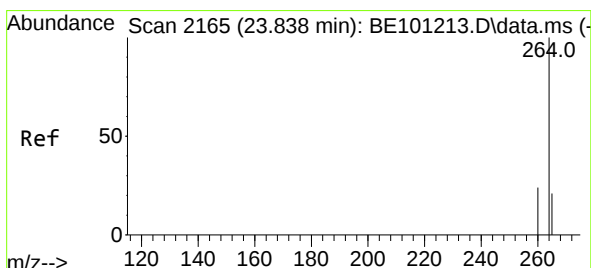
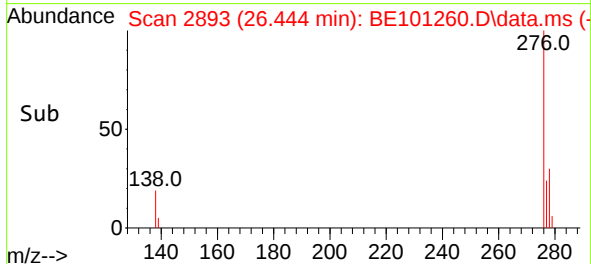
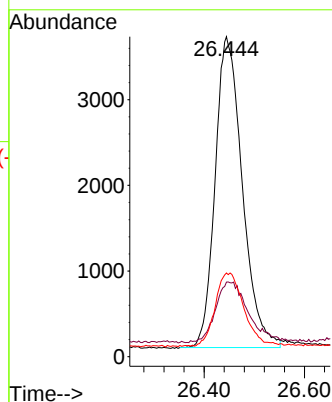
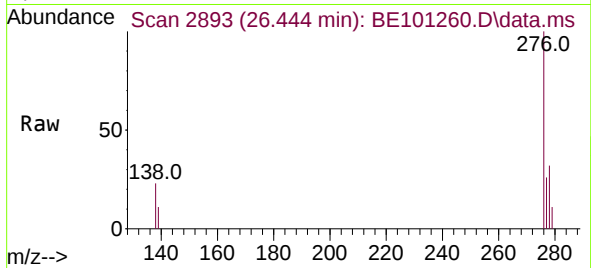




#35
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng
RT: 26.444 min Scan# 2893
Delta R.T. -0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

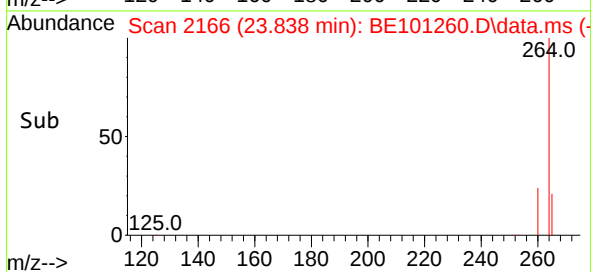
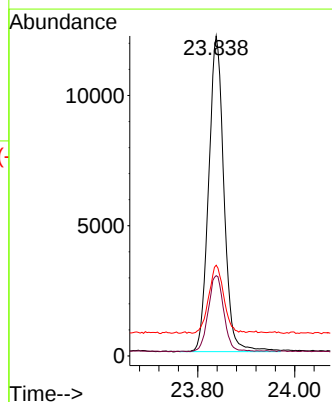
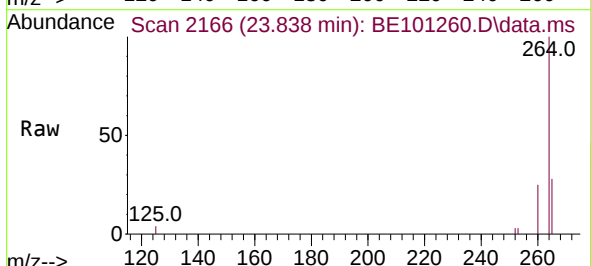
Instrument :
BNA_E
ClientSampleId :
MW-119

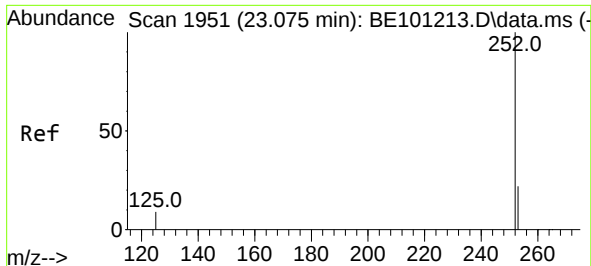
Tgt Ion:276 Resp: 13619
Ion Ratio Lower Upper
276 100
138 23.5 17.4 26.0
277 24.7 19.8 29.8



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.838 min Scan# 2166
Delta R.T. 0.003 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:264 Resp: 26490
Ion Ratio Lower Upper
264 100
260 25.1 19.3 28.9
265 28.4 22.4 33.6

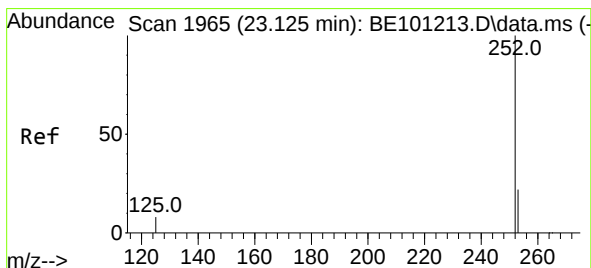
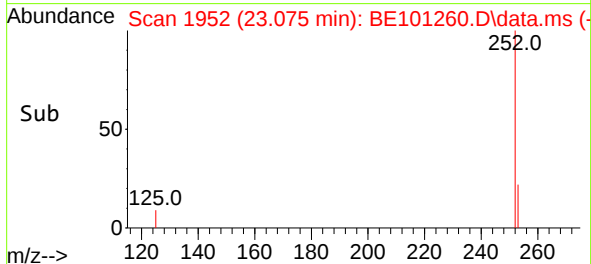
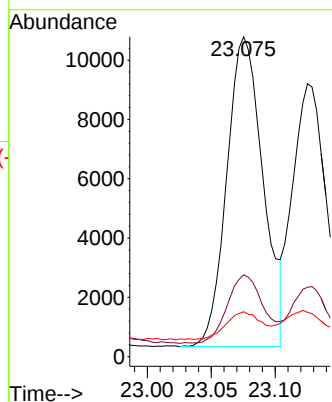
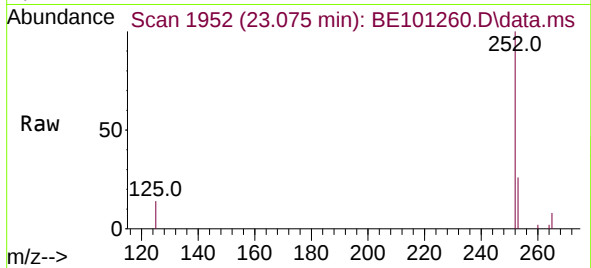




#37
Benzo(b)fluoranthene
Concen: 0.24 ng
RT: 23.075 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

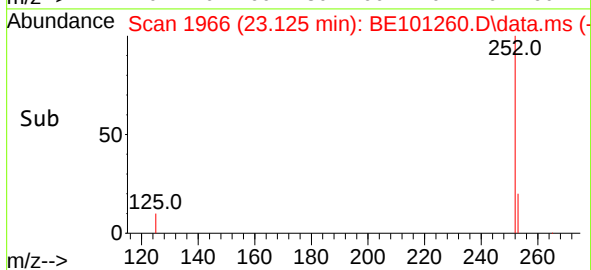
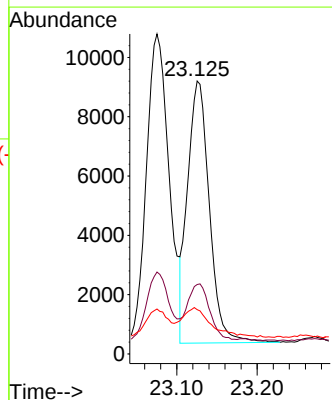
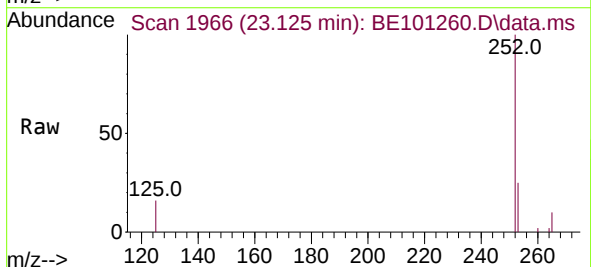
Instrument :
BNA_E
ClientSampleId :
MW-119

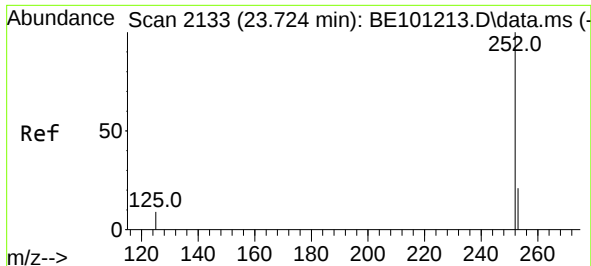
Tgt Ion:252 Resp: 20612
Ion Ratio Lower Upper
252 100
253 25.6 18.1 27.1
125 14.1 7.6 11.4#



#38
Benzo(k)fluoranthene
Concen: 0.17 ng
RT: 23.125 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:252 Resp: 16629
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.6
125 16.2 7.6 11.4#

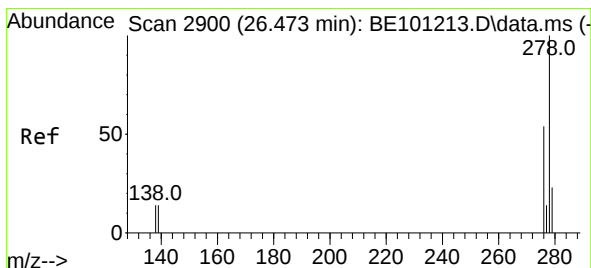
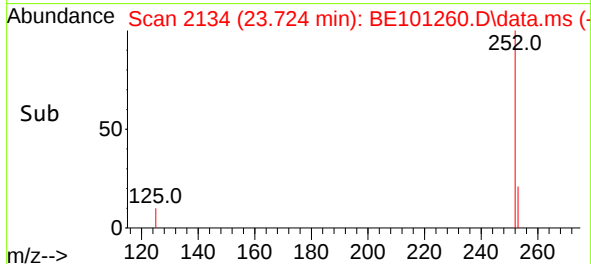
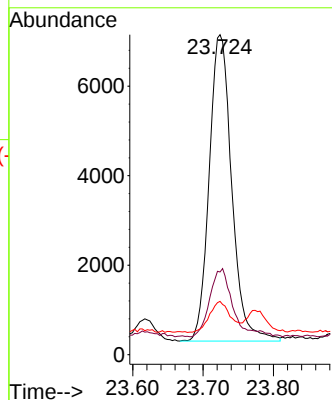
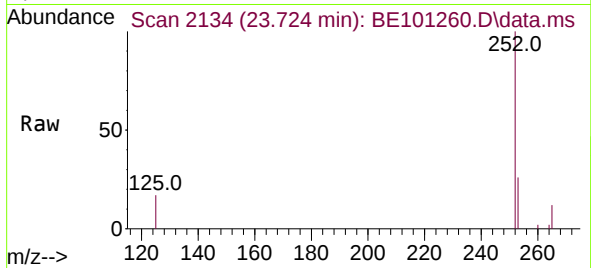




#39
Benzo(a)pyrene
Concen: 0.21 ng
RT: 23.724 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

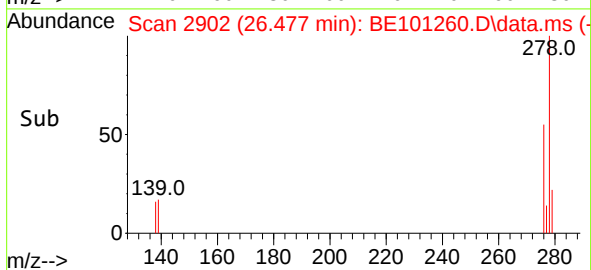
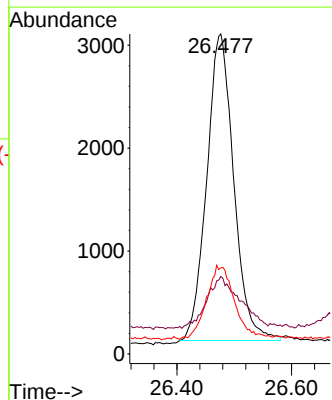
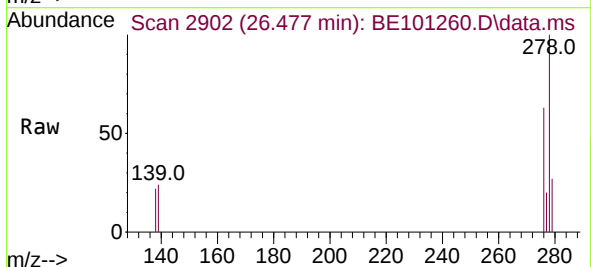
Instrument :
BNA_E
ClientSampleId :
MW-119

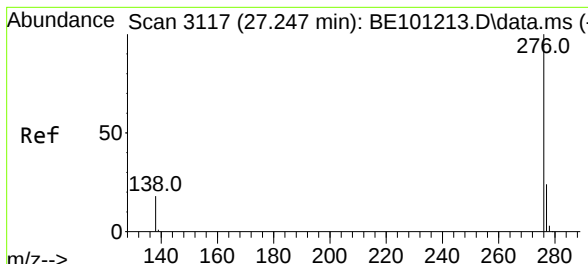
Tgt Ion:252 Resp: 15280
Ion Ratio Lower Upper
252 100
253 25.9 18.0 27.0
125 16.6 8.0 12.0#



#40
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 26.477 min Scan# 2902
Delta R.T. 0.003 min
Lab File: BE101260.D
Acq: 9 Apr 2021 3:52

Tgt Ion:278 Resp: 9745
Ion Ratio Lower Upper
278 100
139 24.2 12.2 18.2#
279 26.9 19.3 28.9





#41
 Benzo(g,h,i)perylene
 Concen: 0.15 ng
 RT: 27.247 min Scan# 3118
 Delta R.T. 0.003 min
 Lab File: BE101260.D
 Acq: 9 Apr 2021 3:52

Instrument :
 BNA_E
 ClientSampleId :
 MW-119

Tgt Ion:	276	Resp:	11699
Ion Ratio	Lower	Upper	
276	100		
277	26.9	19.4	29.0
138	23.2	15.2	22.8#

