

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
 Data File : BE101274.D
 Acq On : 9 Apr 2021 18:00
 Operator : CG/JU
 Sample : M1966-04DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-115RRDL

Quant Time: Apr 10 00:41:10 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

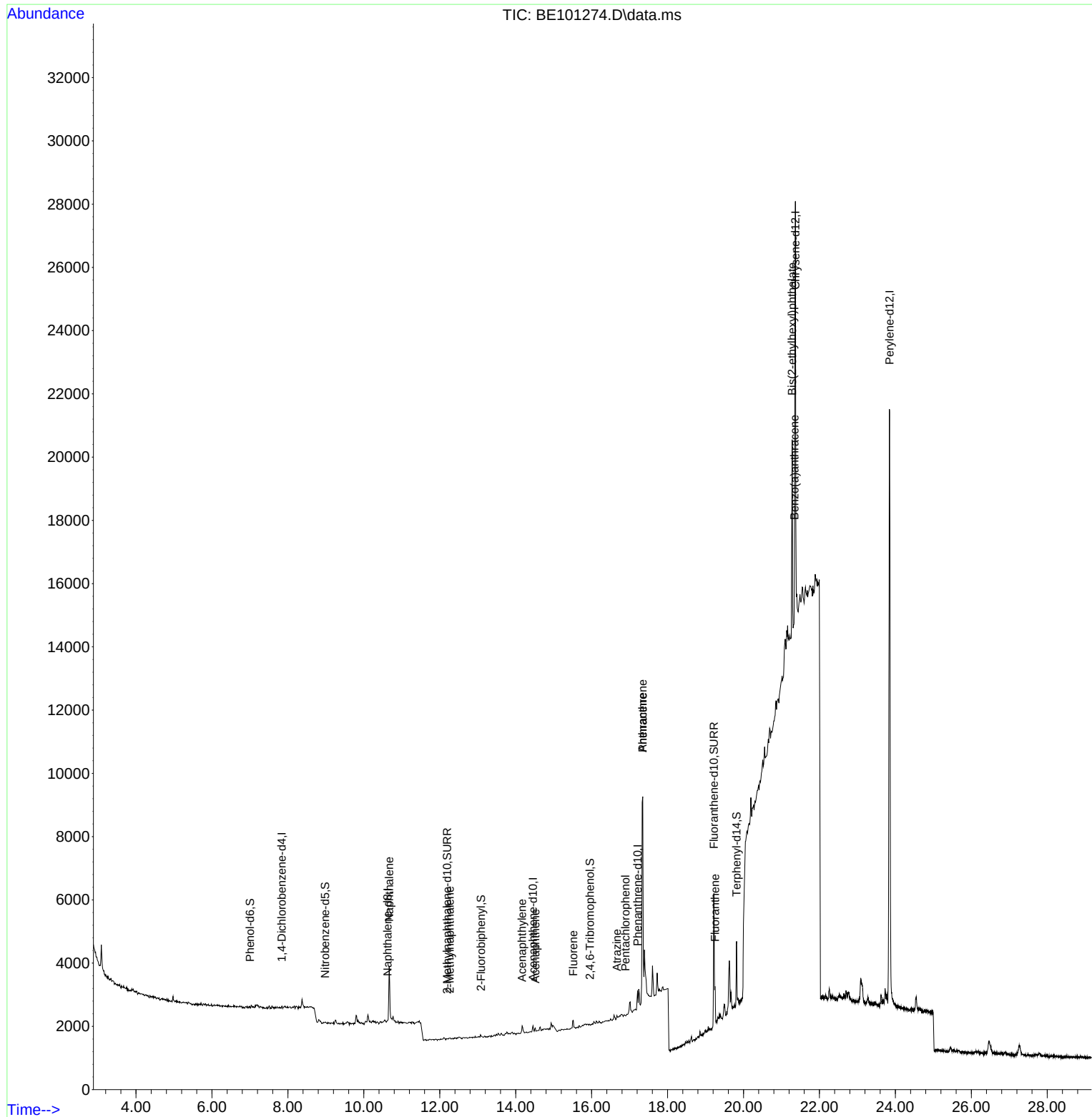
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	22	0.40	ng	# 0.01
7) Naphthalene-d8	10.628	136	97	0.40	ng	# 0.01
13) Acenaphthene-d10	14.458	164	176	0.40	ng	# 0.01
19) Phenanthrene-d10	17.210	188	840	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	14493	0.40	ng	# 0.01
36) Perylene-d12	23.844	264	28266	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.400	112	1	0.02	ng	-0.02
5) Phenol-d6	7.001	99	19	0.23	ng	0.01
8) Nitrobenzene-d5	8.978	82	32	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	75	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	8	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	71	0.11	ng	0.01
27) Fluoranthene-d10	19.221	212	5759	0.40	ng	0.00
31) Terphenyl-d14	19.818	244	1970	0.05	ng	0.00
Target Compounds						
9) Naphthalene	10.667	128	3459	3.28	ng	# 91
12) 2-Methylnaphthalene	12.268	142	41	0.22	ng	# 30
16) Acenaphthylene	14.170	152	385	0.56	ng	# 88
17) Acenaphthene	14.515	154	104	0.20	ng	# 74
18) Fluorene	15.517	166	293	0.43	ng	# 78
23) Atrazine	16.666	200	64	0.23	ng	# 1
24) Pentachlorophenol	16.893	266	11	0.07	ng	# 1
25) Phenanthrene	17.347	178	11892	4.78	ng	97
26) Anthracene	17.347	178	11466	5.40	ng	97
28) Fluoranthene	19.250	202	1173	0.36	ng	# 86
32) Benzo(a)anthracene	21.342	228	1175	0.03	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.282	149	6993	0.24	ng	# 98

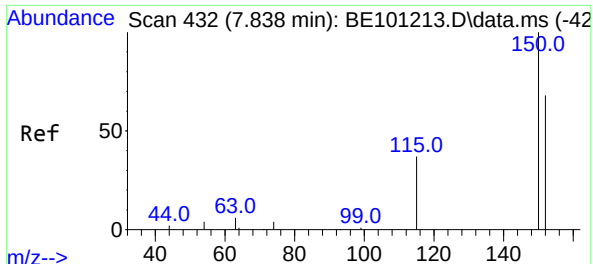
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040921\
Data File : BE101274.D
Acq On : 9 Apr 2021 18:00
Operator : CG/JU
Sample : M1966-04DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

Quant Time: Apr 10 00:41:10 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

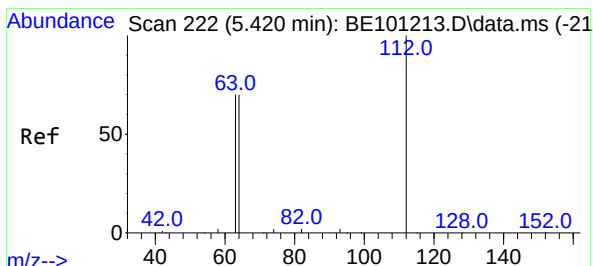
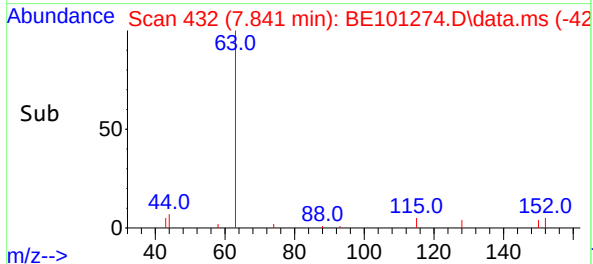
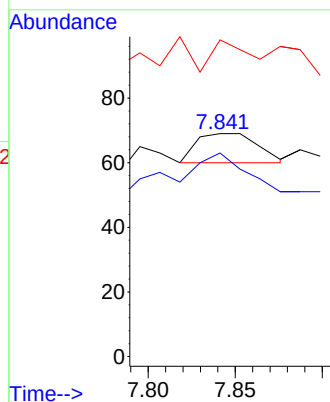
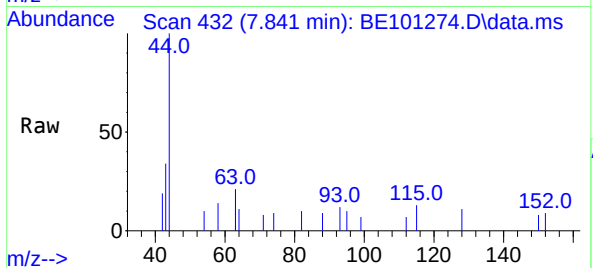




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.841 min Scan# 432
Delta R.T. 0.011 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

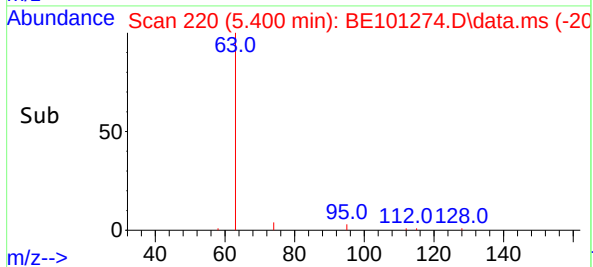
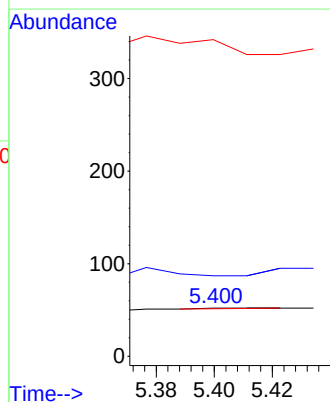
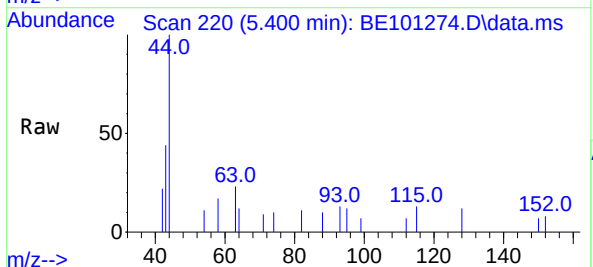
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

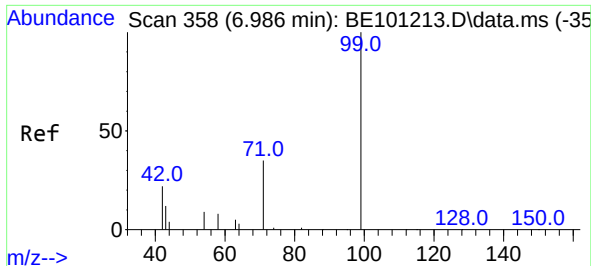
Tgt Ion:152 Resp: 22
Ion Ratio Lower Upper
152 100
150 91.3 116.9 175.3#
115 142.0 44.5 66.7#



#4
2-Fluorophenol
Concen: 0.02 ng
RT: 5.400 min Scan# 220
Delta R.T. -0.023 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:112 Resp: 1
Ion Ratio Lower Upper
112 100
64 0.0 62.3 93.5#
63 0.0 117.3 175.9#

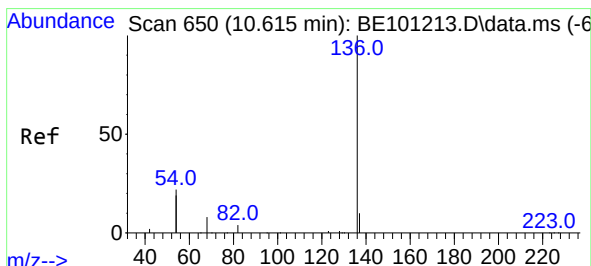
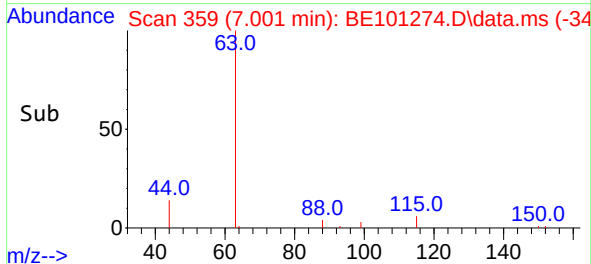
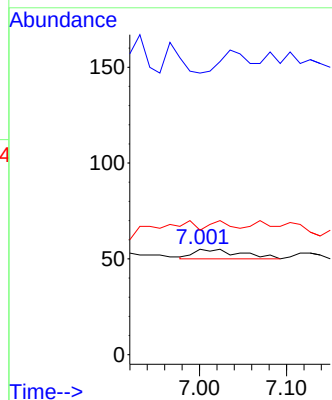
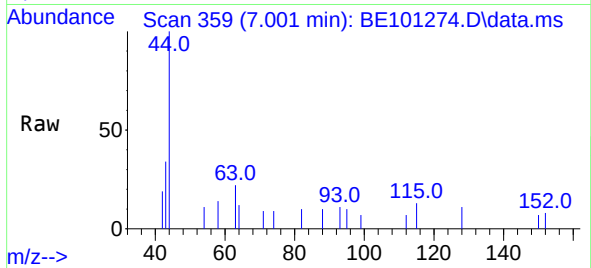




#5
Phenol-d6
Concen: 0.23 ng
RT: 7.001 min Scan# 359
Delta R.T. 0.012 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

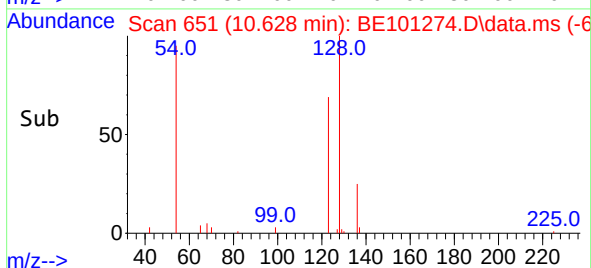
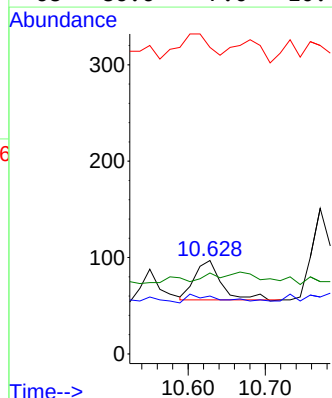
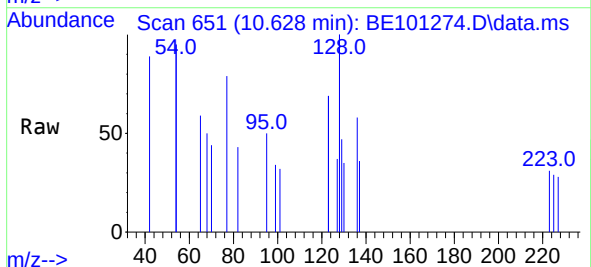
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

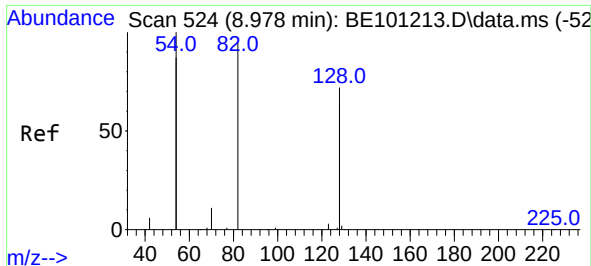
Tgt Ion: 99 Resp: 19
Ion Ratio Lower Upper
99 100
42 0.0 18.5 27.7#
71 184.2 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. 0.014 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion: 136 Resp: 97
Ion Ratio Lower Upper
136 100
137 61.9 8.6 13.0#
54 327.8 34.7 52.1#
68 86.6 7.0 10.4#

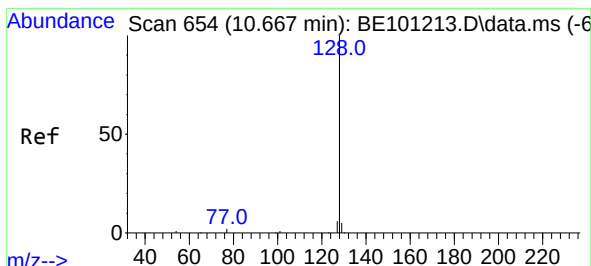
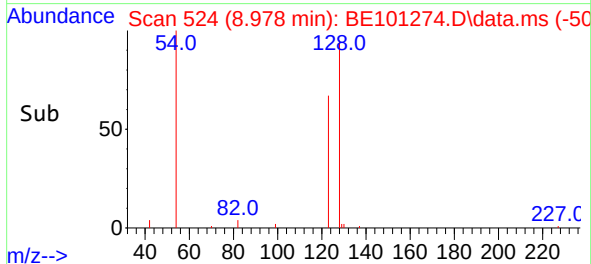
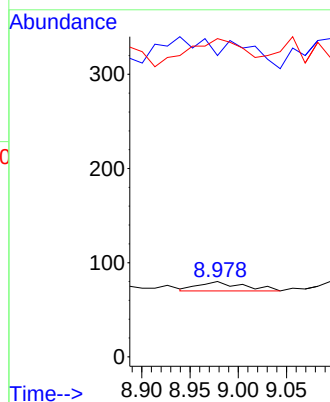
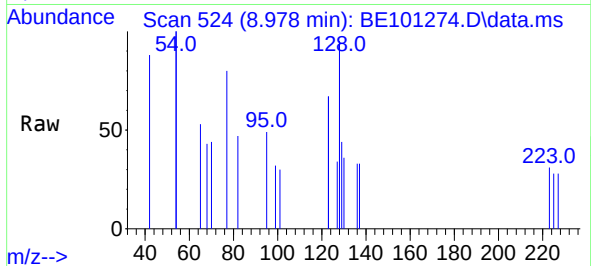




#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.001 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

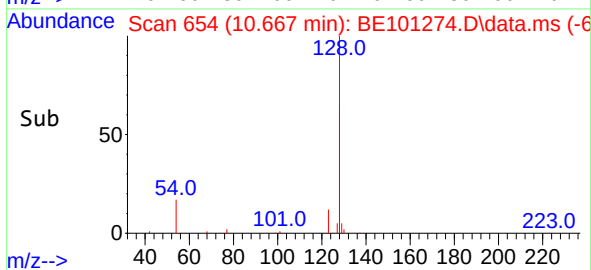
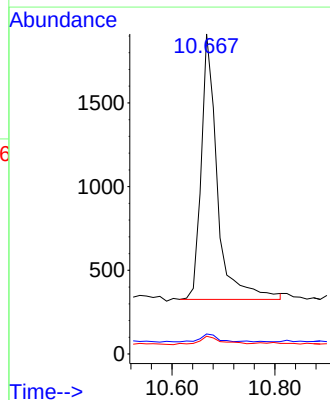
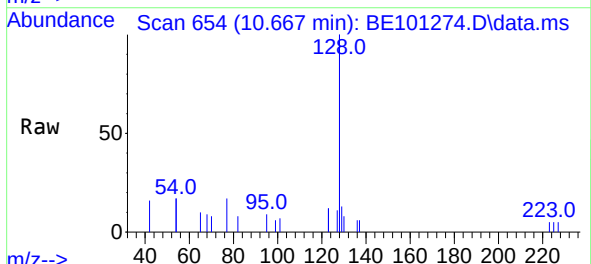
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

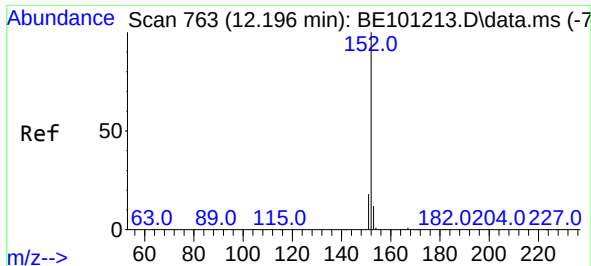
Tgt Ion: 82 Resp: 32
Ion Ratio Lower Upper
82 100
128 400.0 118.7 178.1#
54 422.5 164.4 246.6#



#9
Naphthalene
Concen: 3.28 ng
RT: 10.667 min Scan# 654
Delta R.T. 0.001 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion: 128 Resp: 3459
Ion Ratio Lower Upper
128 100
129 6.3 2.2 3.4#
127 5.5 2.6 3.8#

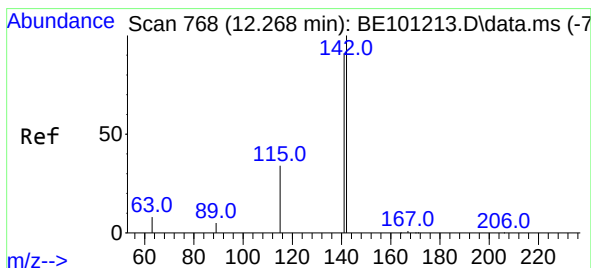
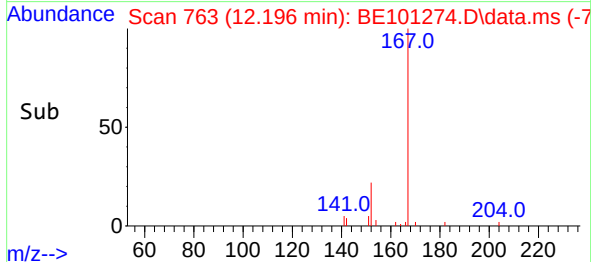
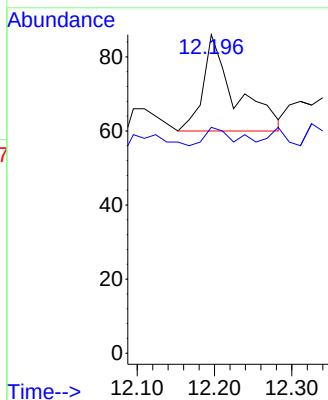
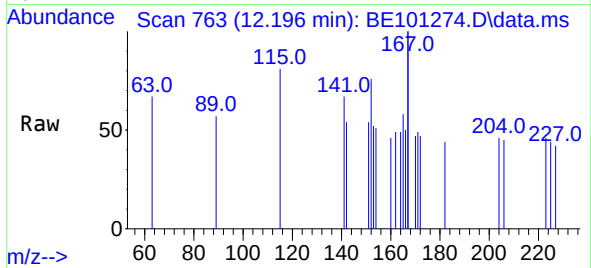




#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.196 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

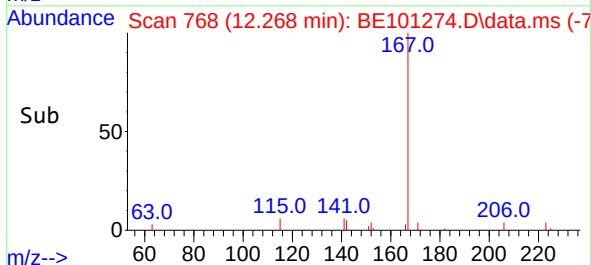
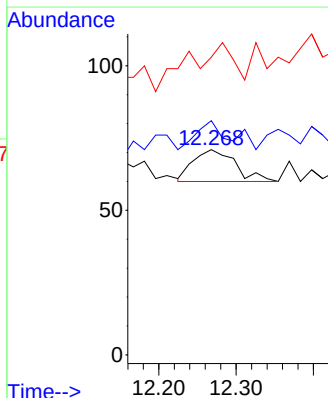
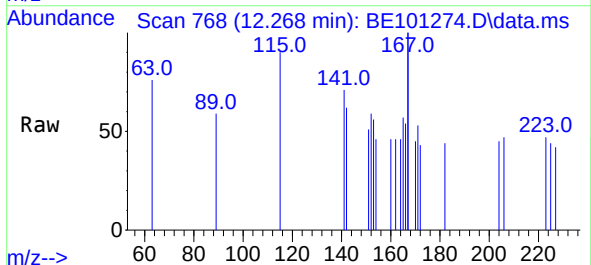
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

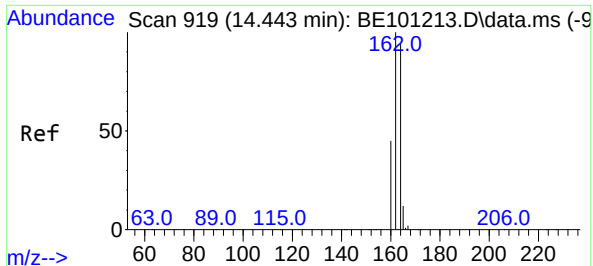
Tgt Ion:152 Resp: 75
Ion Ratio Lower Upper
152 100
151 24.0 16.5 24.7



#12
2-Methylnaphthalene
Concen: 0.22 ng
RT: 12.268 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:142 Resp: 41
Ion Ratio Lower Upper
142 100
141 114.1 73.0 109.6#
115 145.1 27.8 41.8#

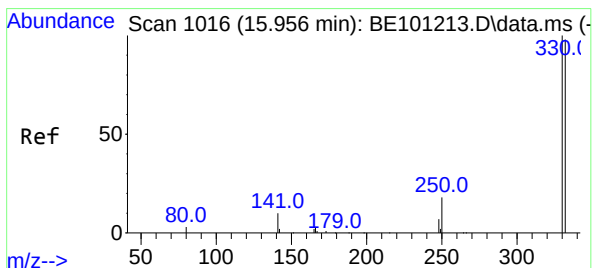
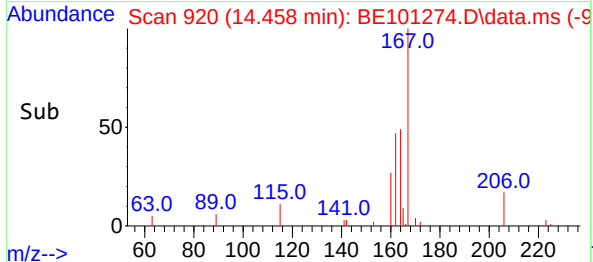
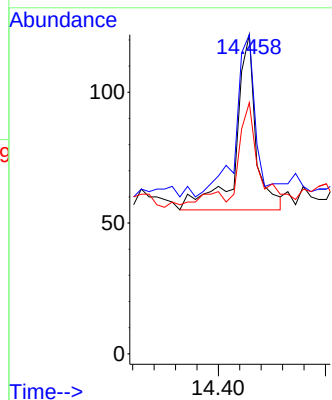
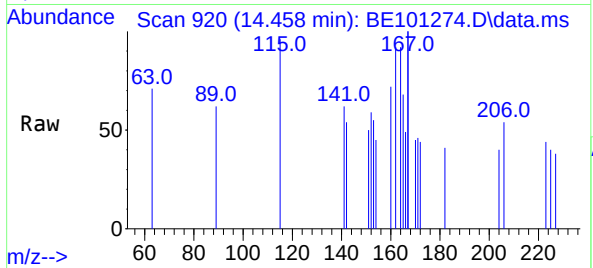




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. 0.014 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

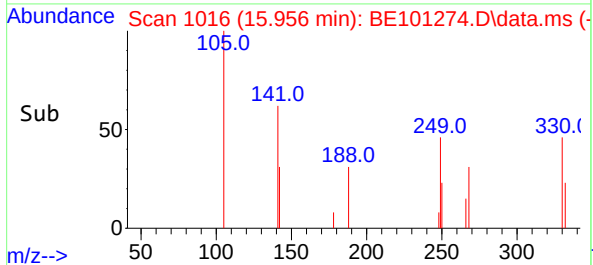
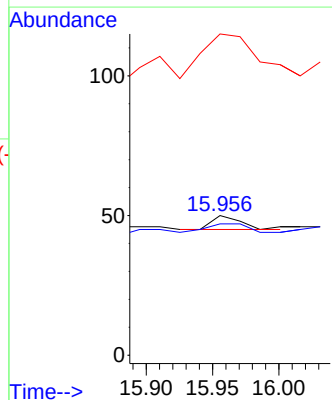
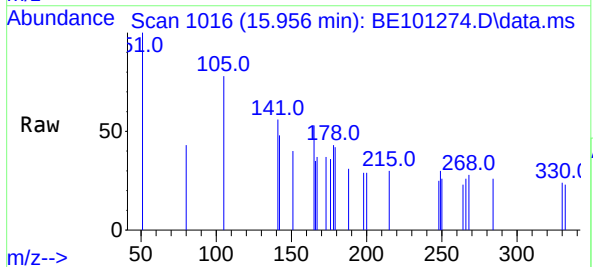
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

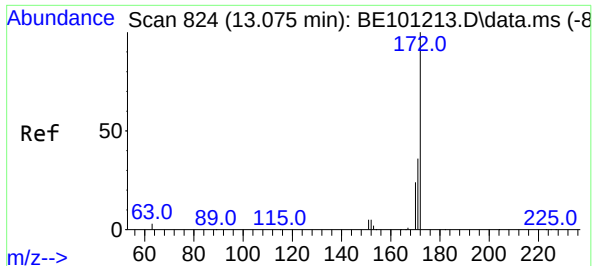
Tgt Ion:164 Resp: 176
Ion Ratio Lower Upper
164 100
162 100.0 85.3 127.9
160 78.7 39.1 58.7#



#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:330 Resp: 8
Ion Ratio Lower Upper
330 100
332 75.0 77.8 116.6#
141 587.5 30.4 45.6#



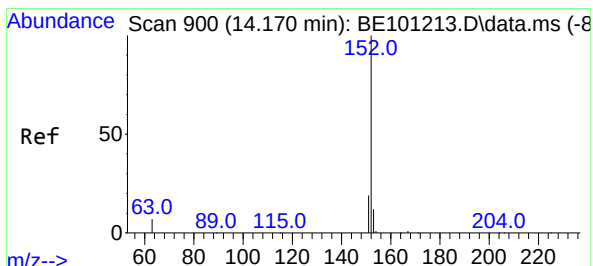
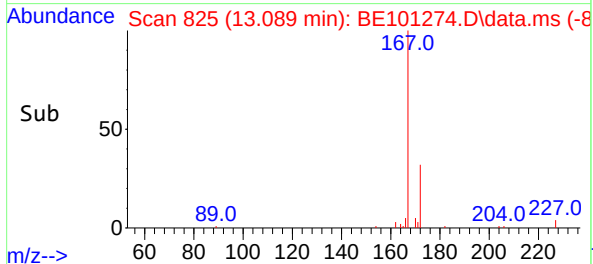
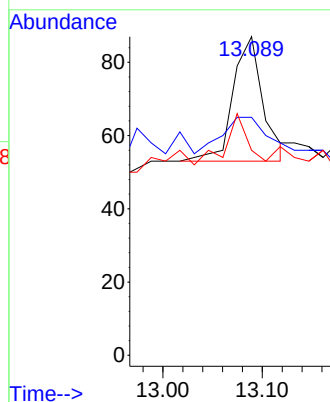
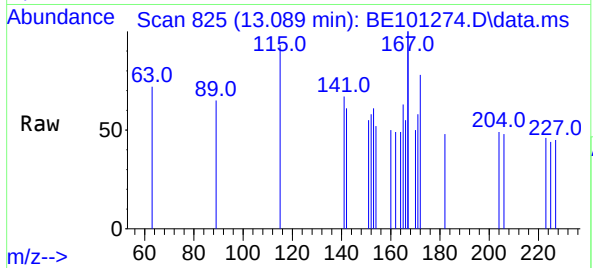


#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.089 min Scan# 825
Delta R.T. 0.014 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

Tgt Ion:172 Resp: 71

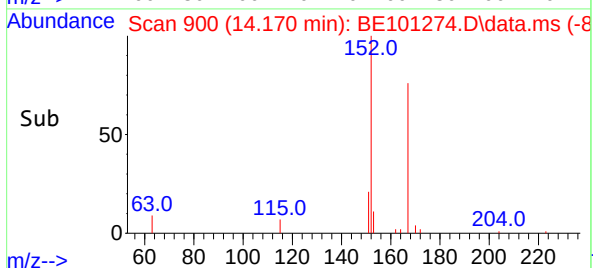
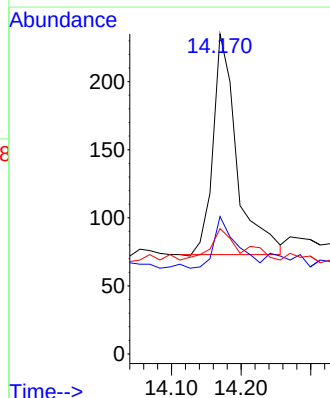
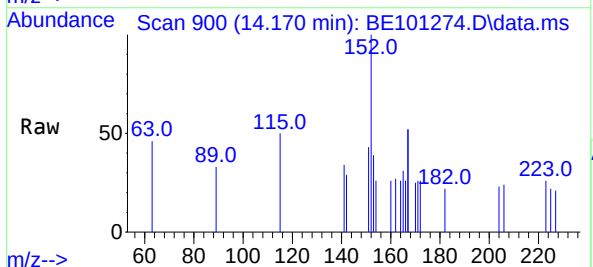
Ion	Ratio	Lower	Upper
172	100		
171	74.7	28.7	43.1#
170	64.4	19.3	28.9#

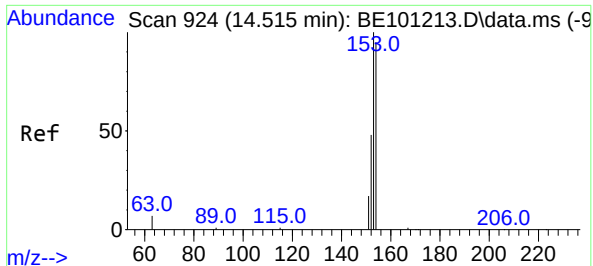


#16
Acenaphthylene
Concen: 0.56 ng
RT: 14.170 min Scan# 900
Delta R.T. -0.000 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:152 Resp: 385

Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.4	23.2
153	21.0	10.0	15.0#

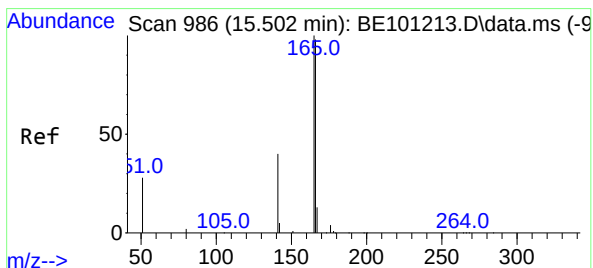
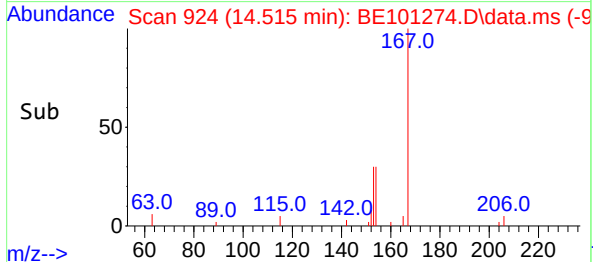
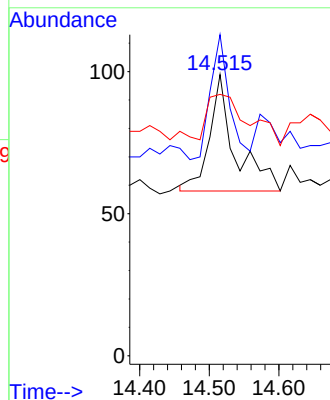
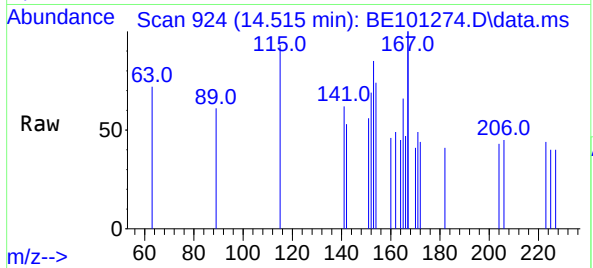




#17
Acenaphthene
Concen: 0.20 ng
RT: 14.515 min Scan# 924
Delta R.T. -0.000 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

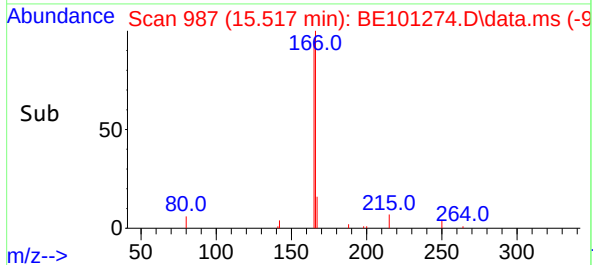
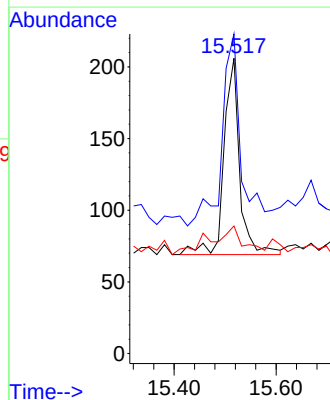
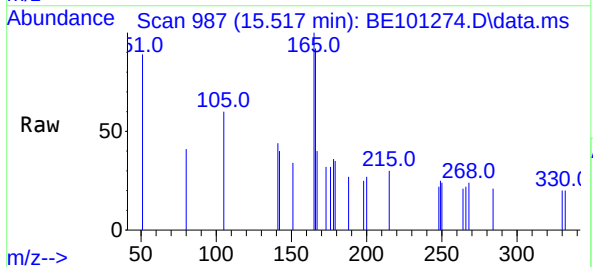
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

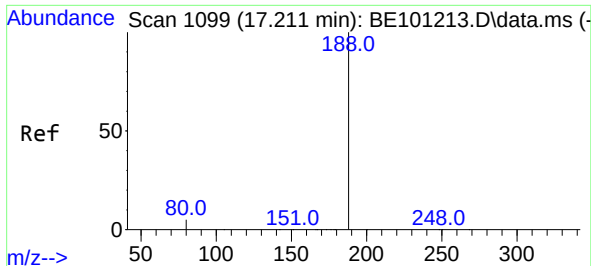
Tgt Ion:154 Resp: 104
Ion Ratio Lower Upper
154 100
153 79.8 84.9 127.3#
152 72.1 42.7 64.1#



#18
Fluorene
Concen: 0.43 ng
RT: 15.517 min Scan# 987
Delta R.T. 0.016 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:166 Resp: 293
Ion Ratio Lower Upper
166 100
165 120.5 79.0 118.4#
167 21.5 11.0 16.4#

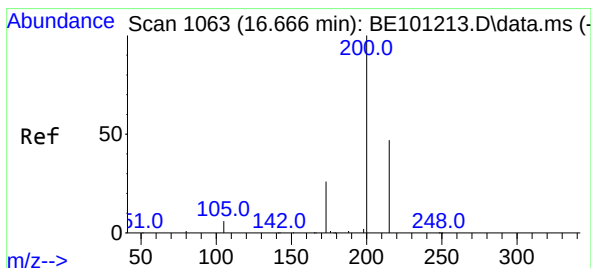
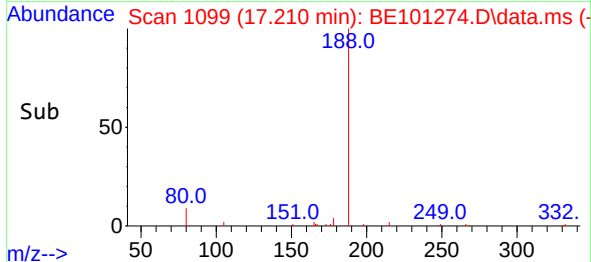
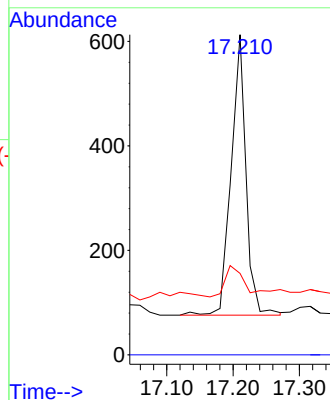
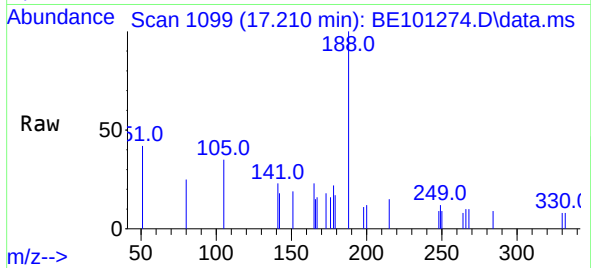




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.210 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

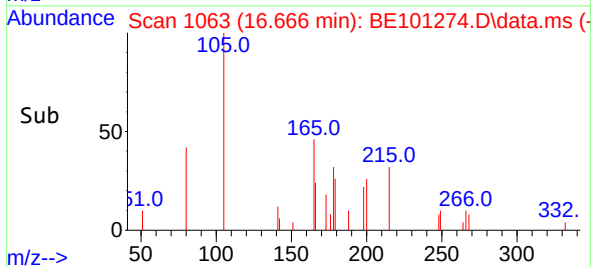
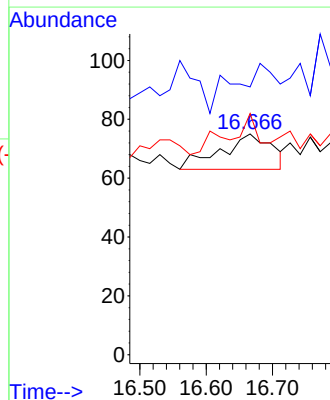
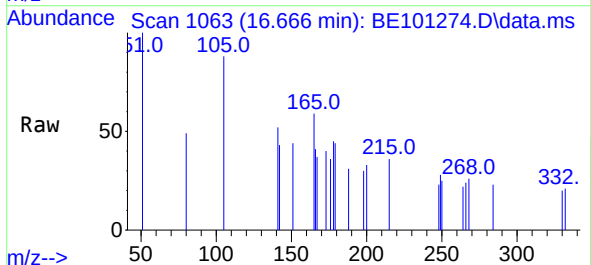
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

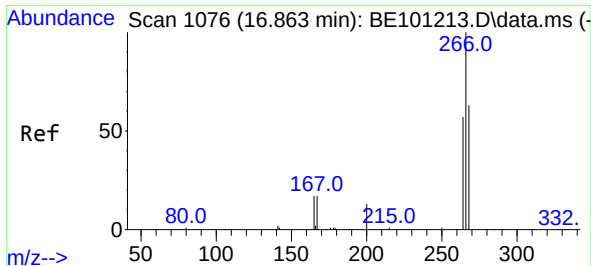
Tgt Ion:188 Resp: 840
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 25.4 4.6 6.8#



#23
Atrazine
Concen: 0.23 ng
RT: 16.666 min Scan# 1063
Delta R.T. 0.000 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:200 Resp: 64
Ion Ratio Lower Upper
200 100
173 121.3 21.9 32.9#
215 109.3 38.6 57.8#

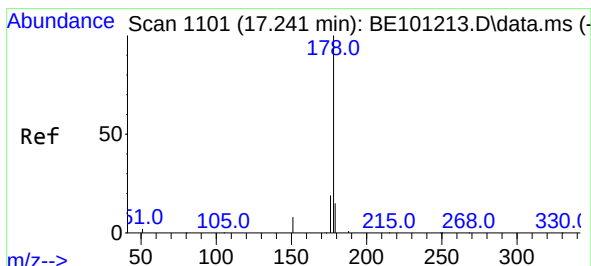
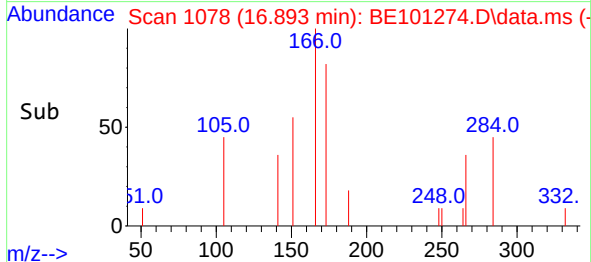
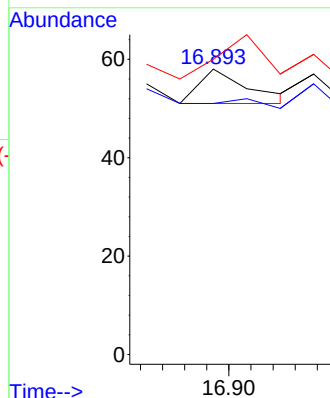
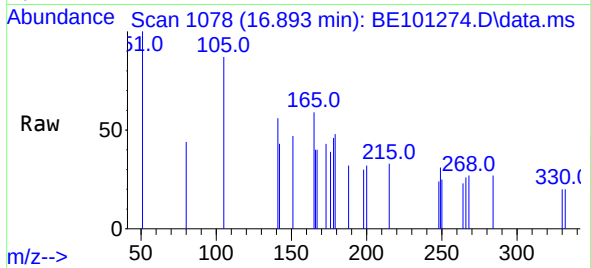




#24
Pentachlorophenol
Concen: 0.07 ng
RT: 16.893 min Scan# 1078
Delta R.T. 0.031 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

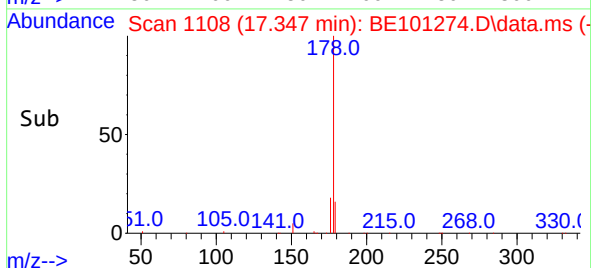
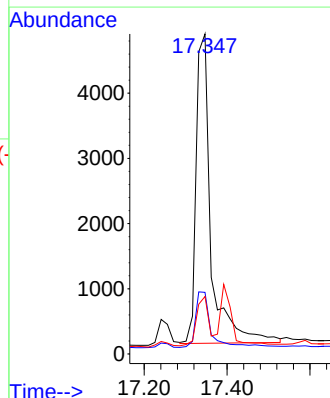
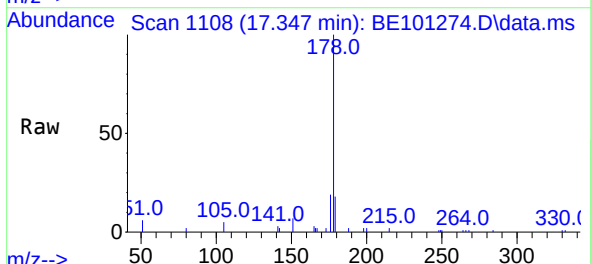
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

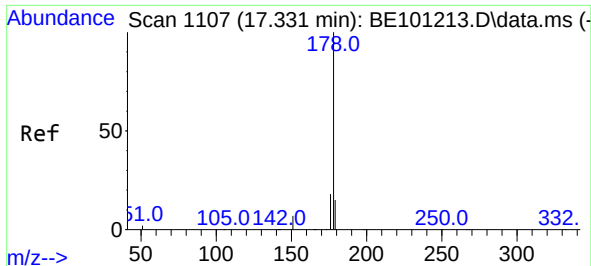
Tgt Ion:266 Resp: 11
Ion Ratio Lower Upper
266 100
264 0.0 49.1 73.7#
268 163.6 50.6 76.0#



#25
Phenanthrene
Concen: 4.78 ng
RT: 17.347 min Scan# 1108
Delta R.T. 0.106 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:178 Resp: 11892
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 12.5 12.2 18.4



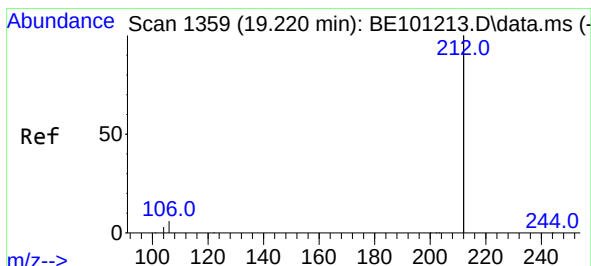
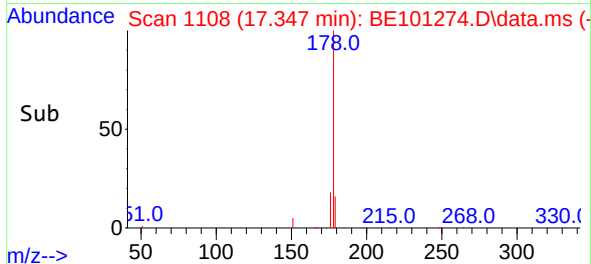
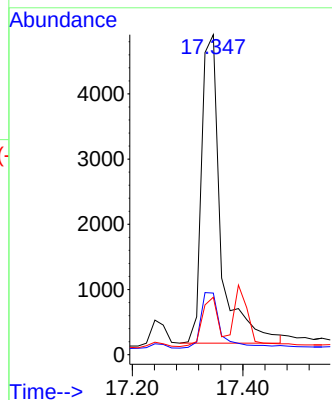
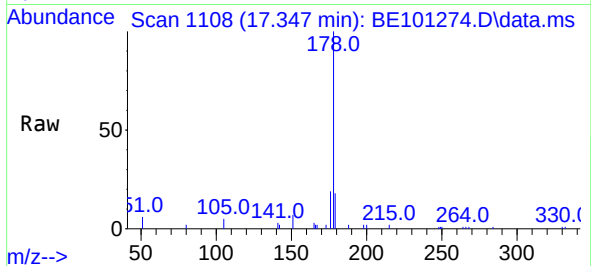


#26
 Anthracene
 Concen: 5.40 ng
 RT: 17.347 min Scan# 1108
 Delta R.T. 0.016 min
 Lab File: BE101274.D
 Acq: 9 Apr 2021 18:00

Instrument :
 BNA_E
 ClientSampleId :
 MW-115RRDL

Tgt Ion:178 Resp: 11466

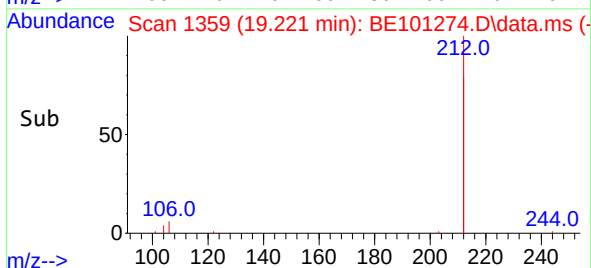
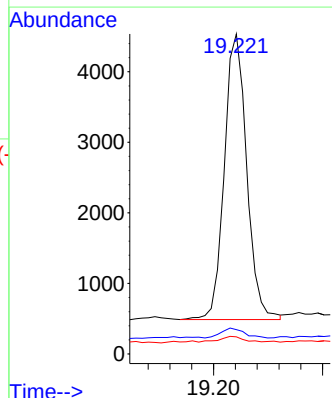
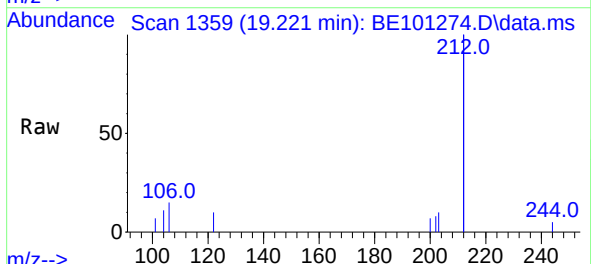
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.4	21.6
179	13.0	11.8	17.8

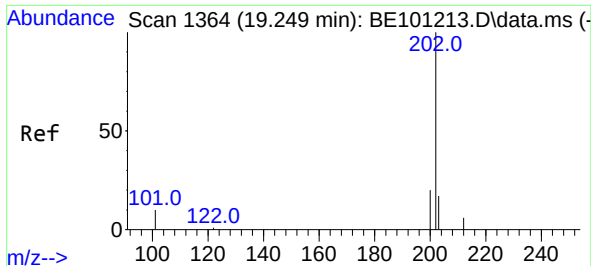


#27
 Fluoranthene-d10
 Concen: 0.40 ng
 RT: 19.221 min Scan# 1359
 Delta R.T. 0.006 min
 Lab File: BE101274.D
 Acq: 9 Apr 2021 18:00

Tgt Ion:212 Resp: 5759

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

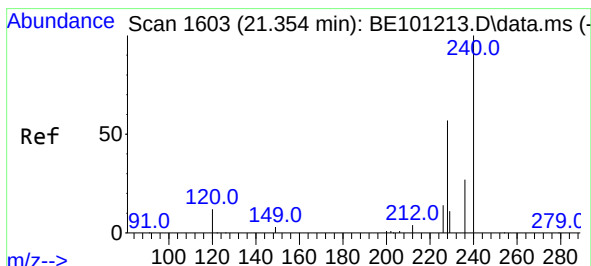
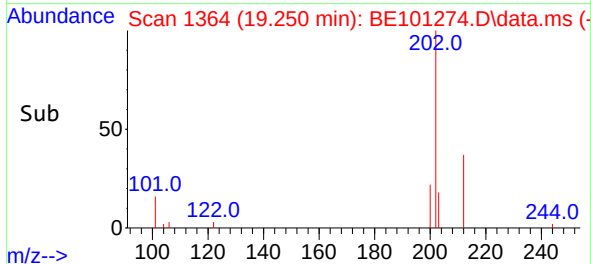
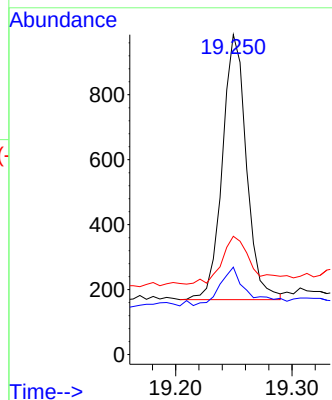
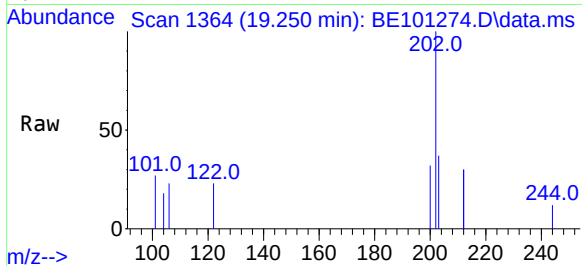




#28
Fluoranthene
Concen: 0.36 ng
RT: 19.250 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

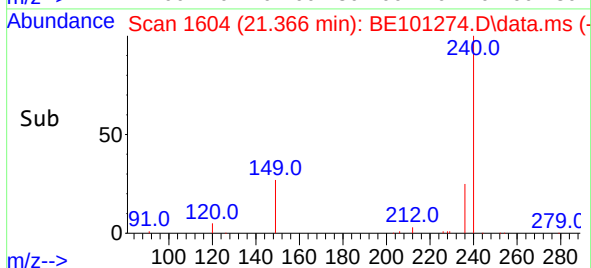
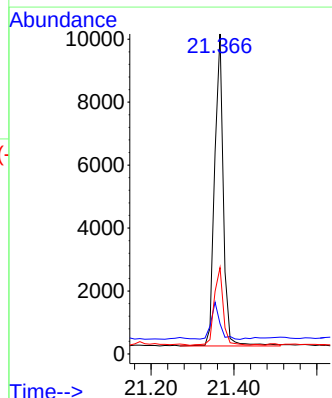
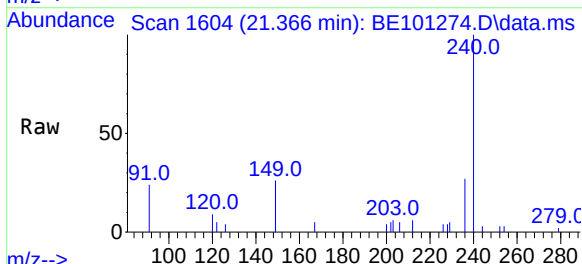
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

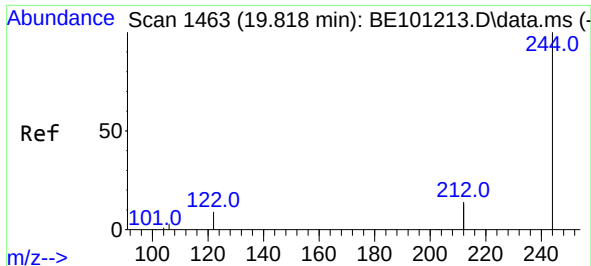
Tgt Ion:202 Resp: 1173
Ion Ratio Lower Upper
202 100
101 16.6 9.1 13.7#
203 23.2 13.6 20.4#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. 0.012 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:240 Resp: 14493
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 27.0 21.7 32.5

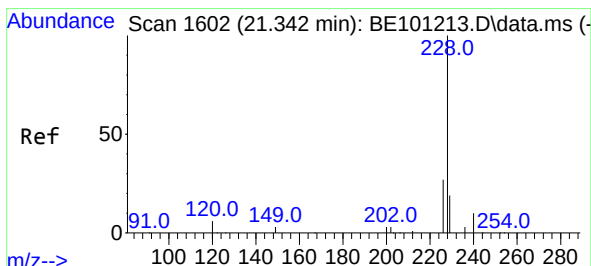
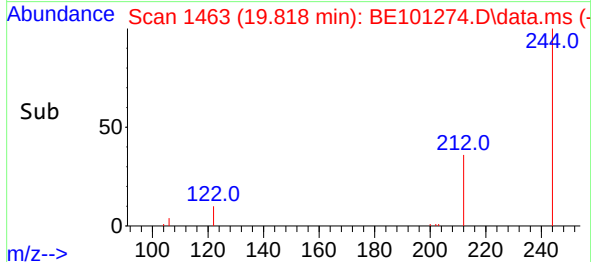
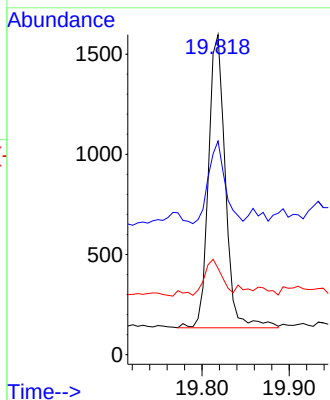
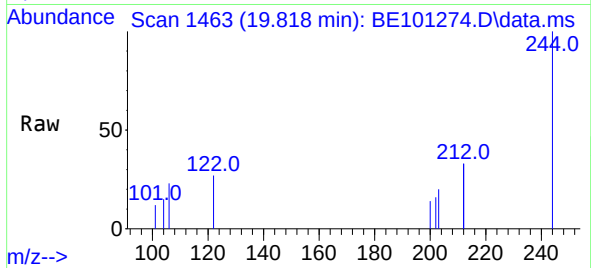




#31
Terphenyl-d14
Concen: 0.05 ng
RT: 19.818 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

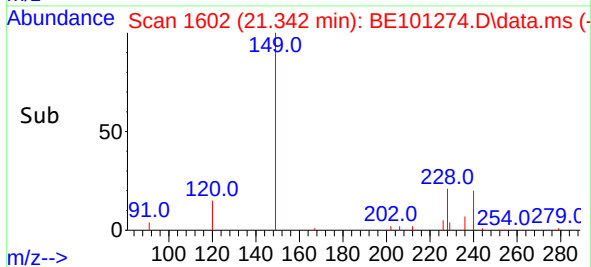
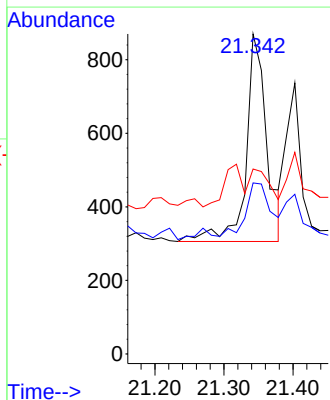
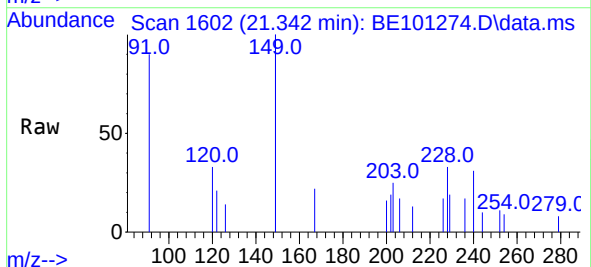
Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

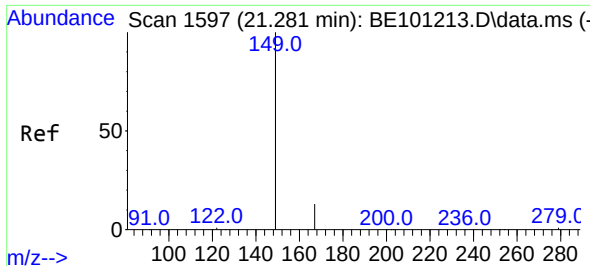
Tgt Ion:244 Resp: 1970
Ion Ratio Lower Upper
244 100
212 66.8 21.9 32.9#
122 27.0 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.342 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:228 Resp: 1175
Ion Ratio Lower Upper
228 100
226 53.4 21.4 32.2#
229 57.8 15.7 23.5#

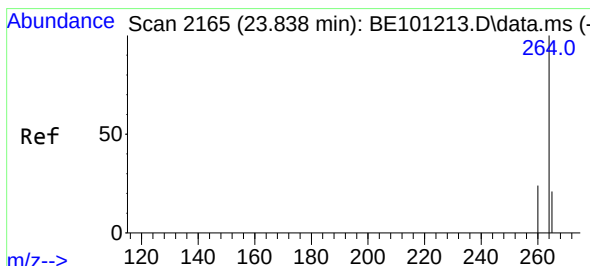
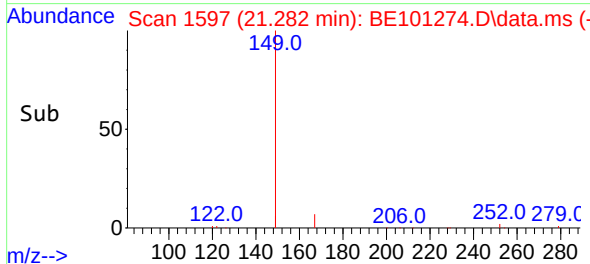
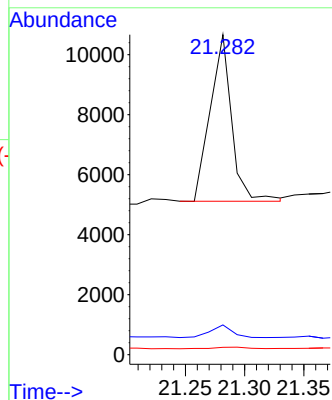
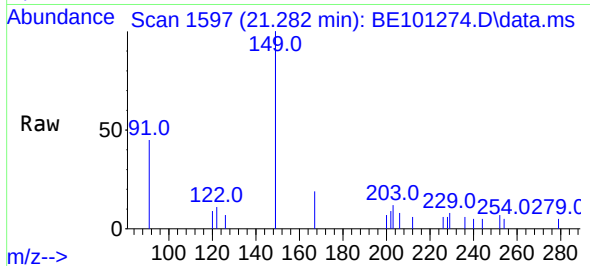




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.282 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Instrument :
BNA_E
ClientSampleId :
MW-115RRDL

Tgt Ion:149 Resp: 6993
Ion Ratio Lower Upper
149 100
167 7.6 5.5 8.3
279 1.5 1.0 1.4#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.844 min Scan# 2167
Delta R.T. 0.010 min
Lab File: BE101274.D
Acq: 9 Apr 2021 18:00

Tgt Ion:264 Resp: 28266
Ion Ratio Lower Upper
264 100
260 25.8 19.3 28.9
265 28.3 22.4 33.6

