

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101243.D
 Acq On : 8 Apr 2021 11:57
 Operator : CG/JU
 Sample : M1951-01
 Misc : 8270 SIM SURROGATE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SW-1

Quant Time: Apr 08 13:02:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:22:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

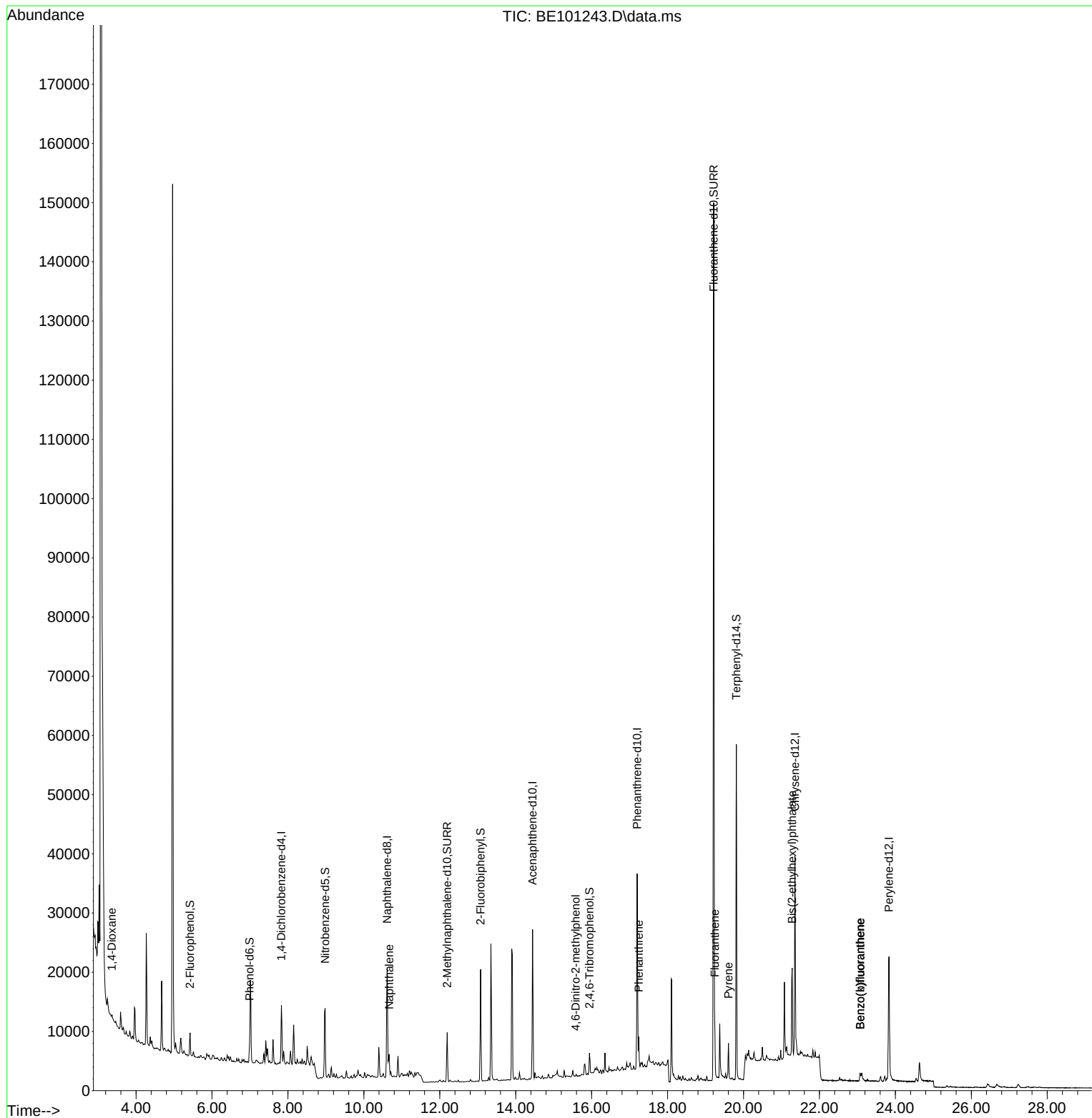
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	4027	0.40	ng	# 0.00
7) Naphthalene-d8	10.615	136	19358	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	14868	0.40	ng	0.00
19) Phenanthrene-d10	17.197	188	42614	0.40	ng	#-0.01
29) Chrysene-d12	21.355	240	32419	0.40	ng	# 0.00
36) Perylene-d12	23.831	264	31361	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.422	112	1877	0.20	ng	0.00
5) Phenol-d6	6.988	99	2181	0.15	ng	0.00
8) Nitrobenzene-d5	8.978	82	4867	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	10540	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.942	330	2143	0.54	ng	-0.01
15) 2-Fluorobiphenyl	13.074	172	16326	0.31	ng	0.00
27) Fluoranthene-d10	19.214	212	189697	0.26	ng	0.00
31) Terphenyl-d14	19.812	244	49148	0.57	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	449	0.07	ng	# 14
9) Naphthalene	10.667	128	6055	0.03	ng	# 95
20) 4,6-Dinitro-2-methylph...	15.579	198	27	0.07	ng	# 1
25) Phenanthrene	17.242	178	5689	0.05	ng	# 91
28) Fluoranthene	19.243	202	6753	0.04	ng	# 89
30) Pyrene	19.605	202	5286	0.05	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.282	149	23368	0.35	ng	# 98
37) Benzo(b)fluoranthene	23.075	252	2319	0.02	ng	# 51
38) Benzo(k)fluoranthene	23.075	252	2319	0.02	ng	# 50

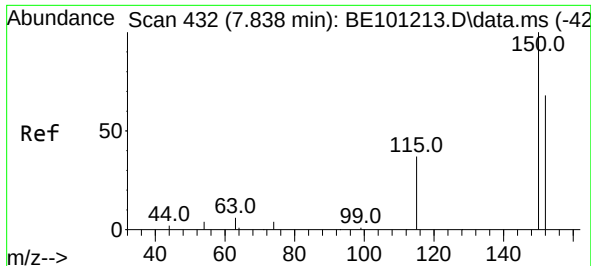
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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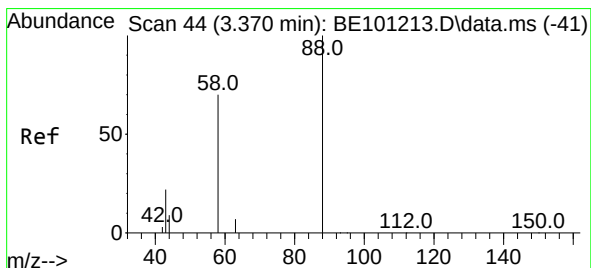
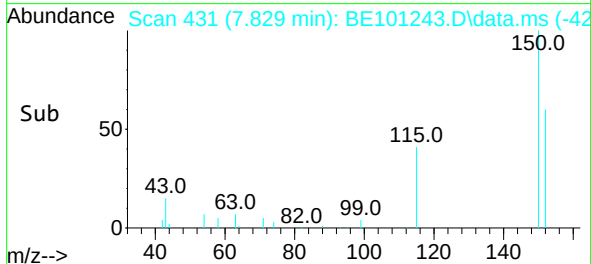
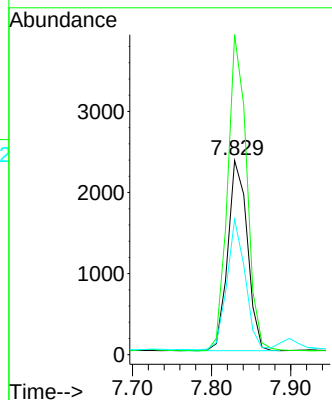
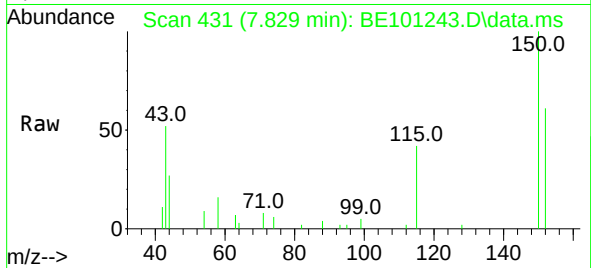




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.829 min Scan# 431
 Delta R.T. -0.001 min
 Lab File: BE101243.D
 Acq: 8 Apr 2021 11:57

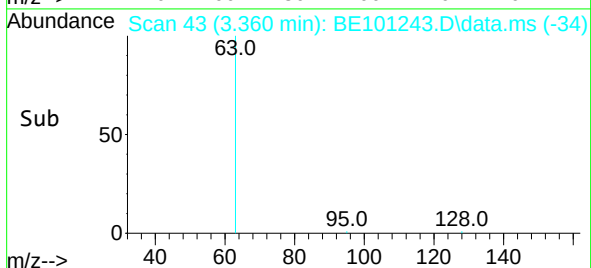
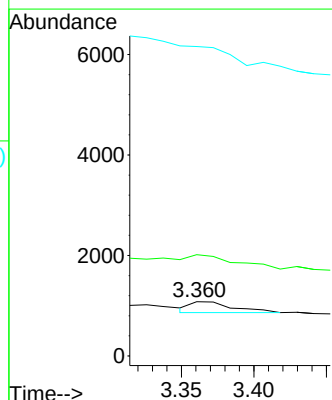
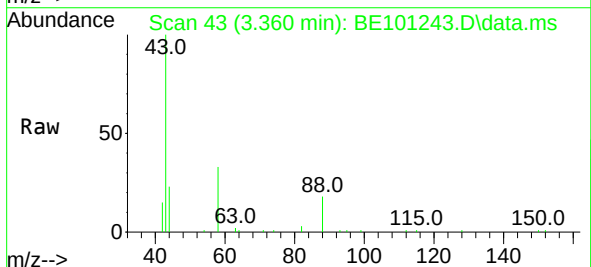
Instrument :
 BNA_E
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 SW-1

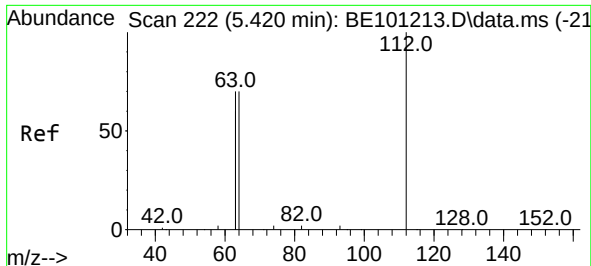
Tgt Ion:152 Resp: 4027
 Ion Ratio Lower Upper
 152 100
 150 164.7 116.9 175.3
 115 69.7 44.5 66.7#



#2
 1,4-Dioxane
 Concen: 0.07 ng
 RT: 3.360 min Scan# 43
 Delta R.T. -0.001 min
 Lab File: BE101243.D
 Acq: 8 Apr 2021 11:57

Tgt Ion: 88 Resp: 449
 Ion Ratio Lower Upper
 88 100
 58 0.0 73.6 110.4#
 43 0.0 27.6 41.4#

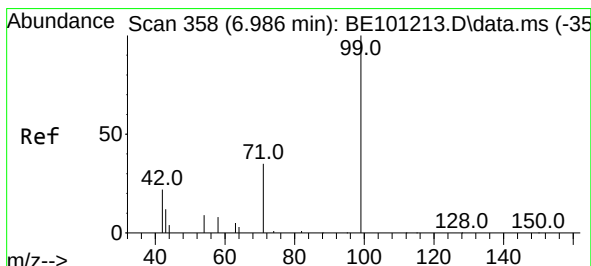
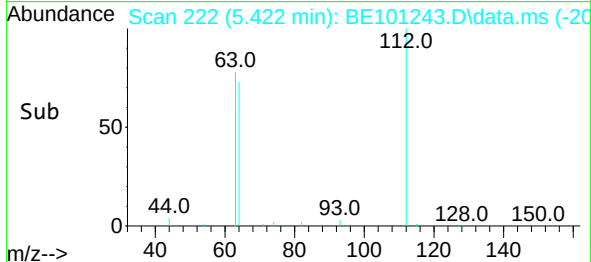
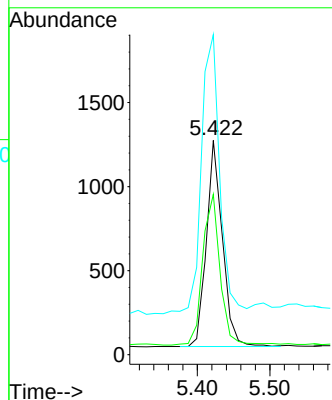
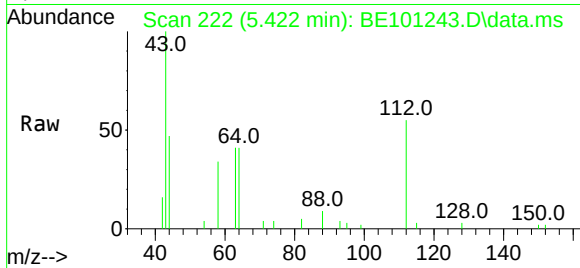




#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.422 min Scan# 222
Delta R.T. -0.000 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

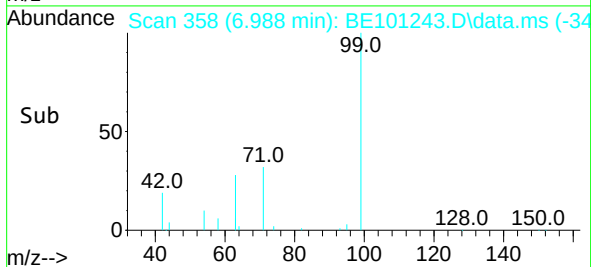
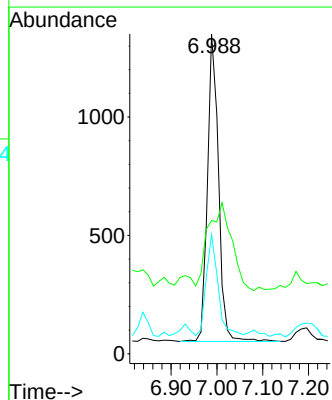
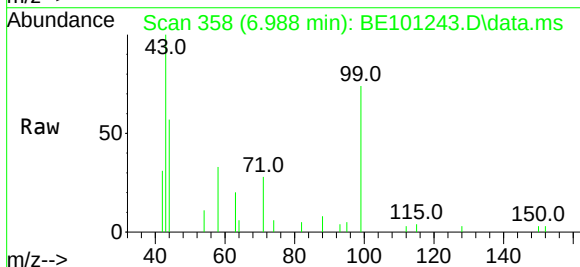
Instrument :
BNA_E
ClientSampleId :
SW-1

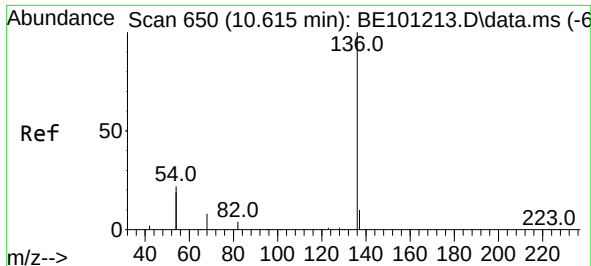
Tgt Ion:112 Resp: 1877
Ion Ratio Lower Upper
112 100
64 80.4 62.3 93.5
63 155.4 117.3 175.9



#5
Phenol-d6
Concen: 0.15 ng
RT: 6.988 min Scan# 358
Delta R.T. -0.001 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Tgt Ion: 99 Resp: 2181
Ion Ratio Lower Upper
99 100
42 0.0 18.5 27.7#
71 35.1 26.5 39.7

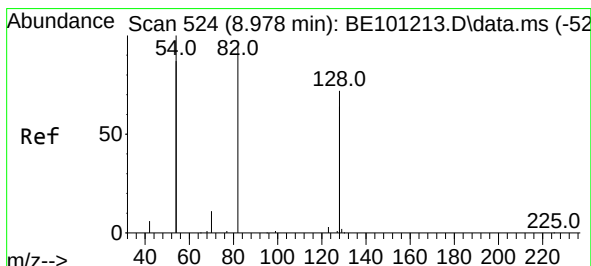
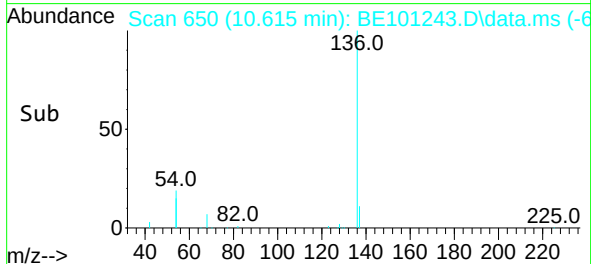
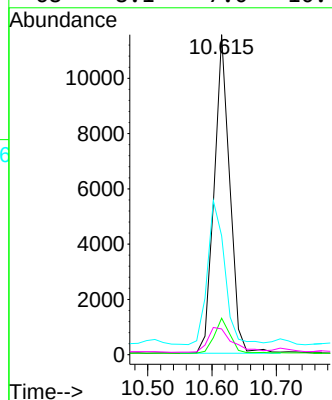
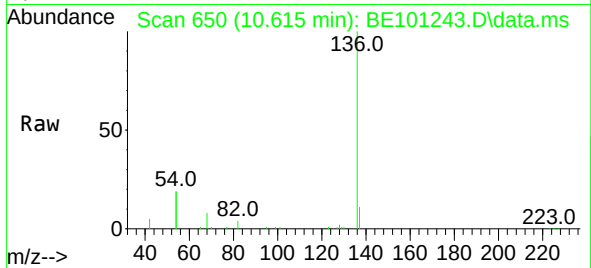




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.000 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

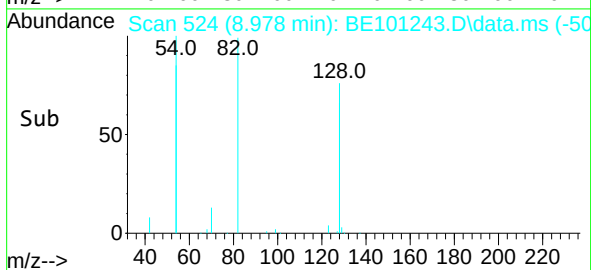
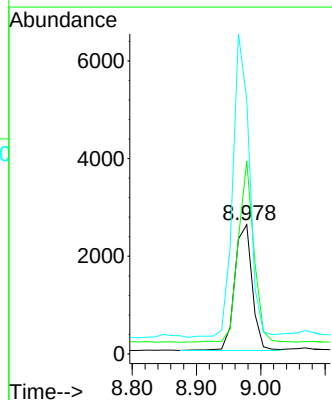
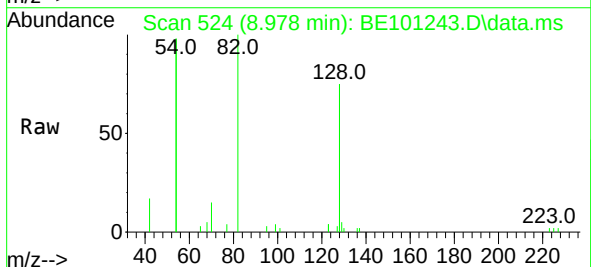
Instrument :
BNA_E
ClientSampleId :
SW-1

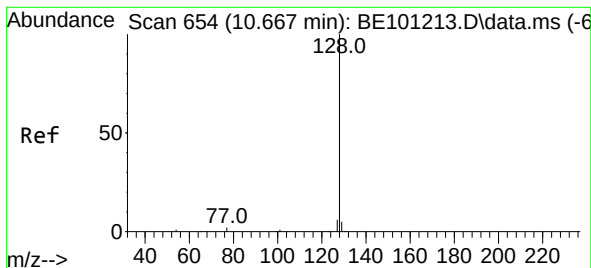
Tgt Ion:	136	Resp:	19358
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	37.2	34.7	52.1
68	8.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Tgt Ion:	82	Resp:	4867
Ion Ratio	Lower	Upper	
82	100		
128	149.3	118.7	178.1
54	196.8	164.4	246.6

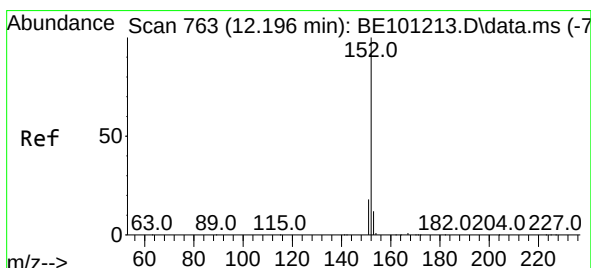
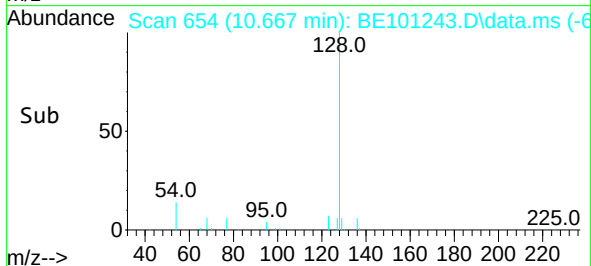
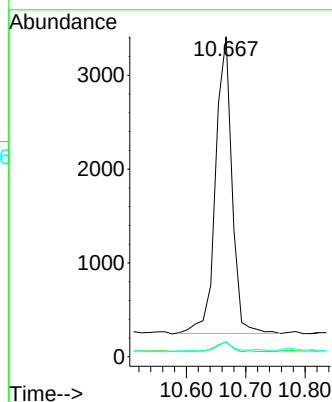
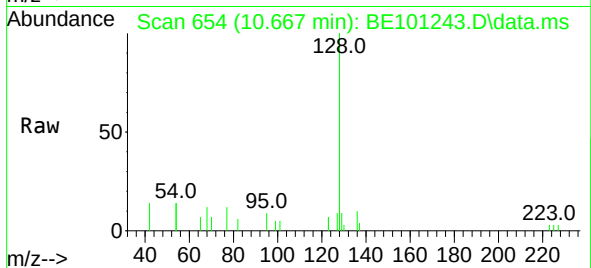




#9
Naphthalene
Concen: 0.03 ng
RT: 10.667 min Scan# 654
Delta R.T. 0.000 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

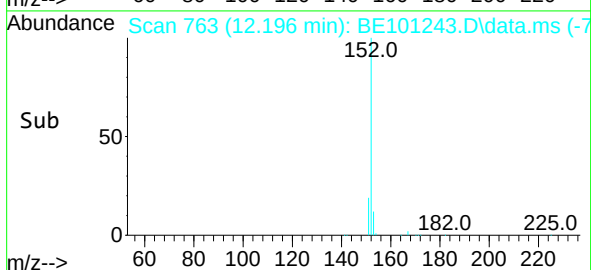
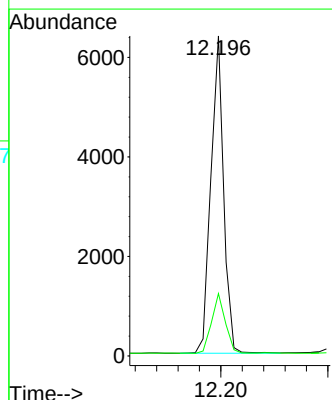
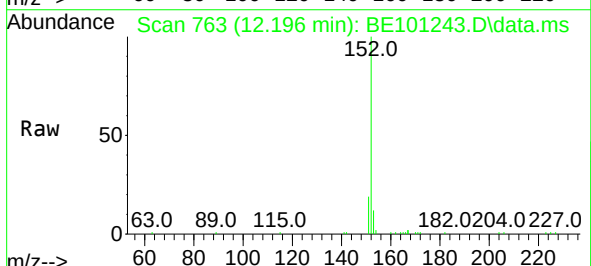
Instrument :
BNA_E
ClientSampleId :
SW-1

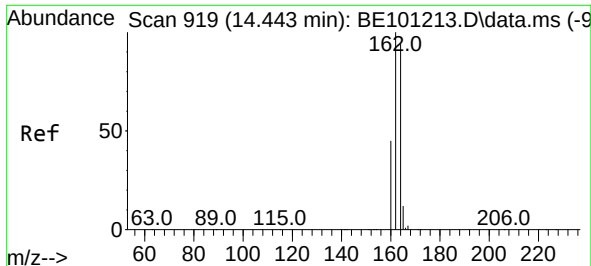
Tgt Ion:128 Resp: 6055
Ion Ratio Lower Upper
128 100
129 4.7 2.2 3.4#
127 4.6 2.6 3.8#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.196 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Tgt Ion:152 Resp: 10540
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7

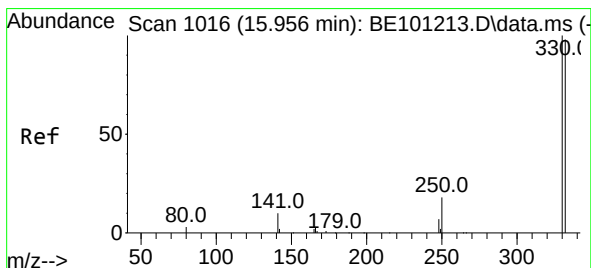
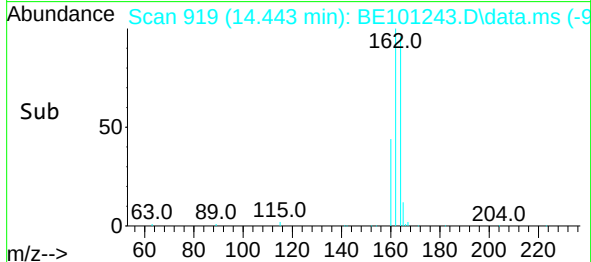
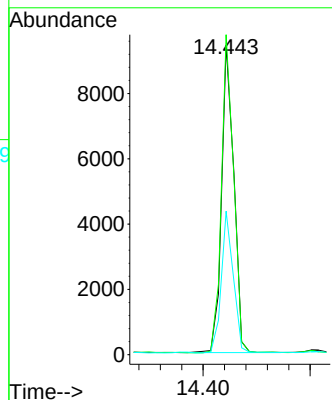
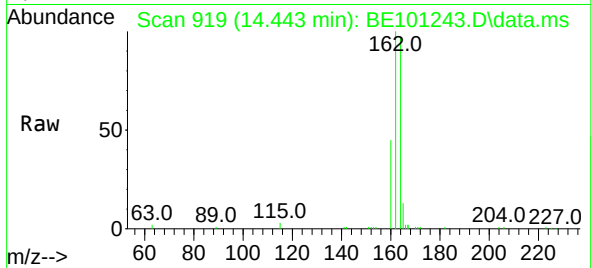




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

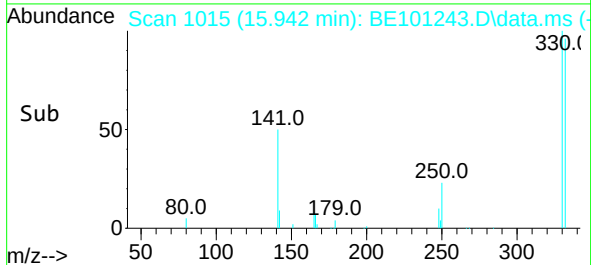
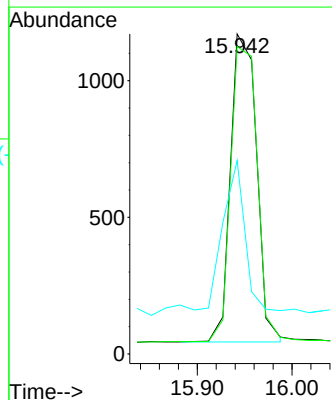
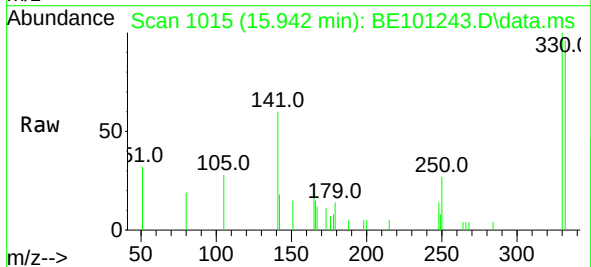
Instrument :
BNA_E
ClientSampleId :
SW-1

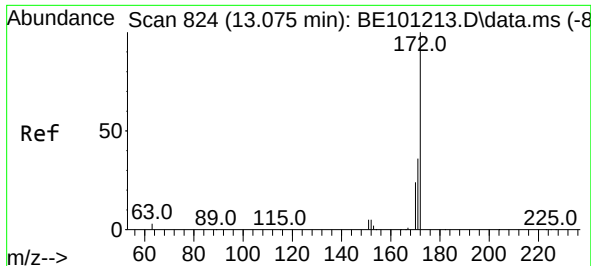
Tgt Ion:	164	Resp:	14868
Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.3	127.9
160	46.3	39.1	58.7



#14
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.942 min Scan# 1015
Delta R.T. -0.013 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Tgt Ion:	330	Resp:	2143
Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.8	116.6
141	40.4	30.4	45.6

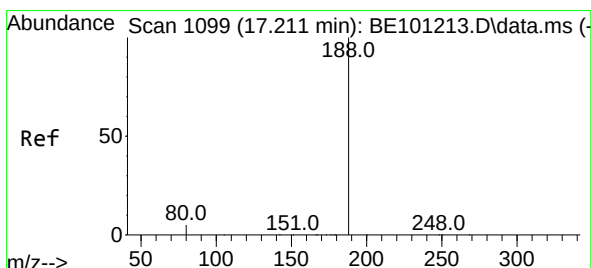
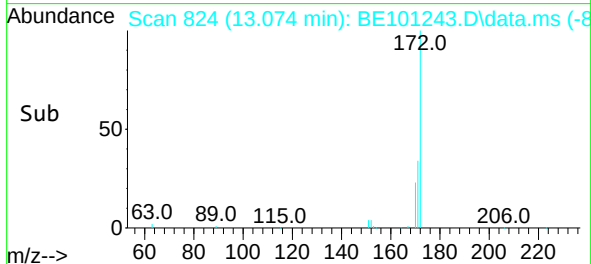
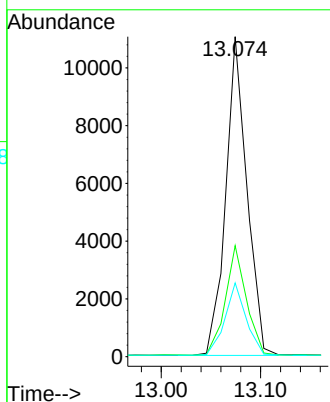
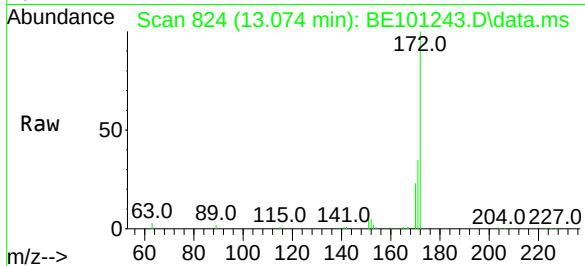




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

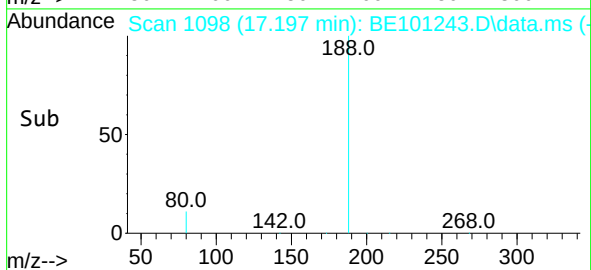
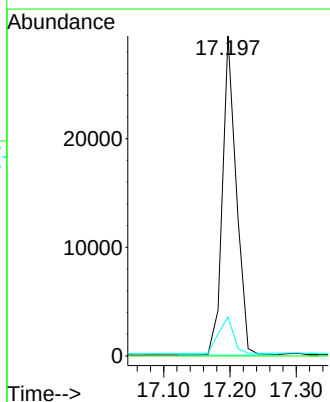
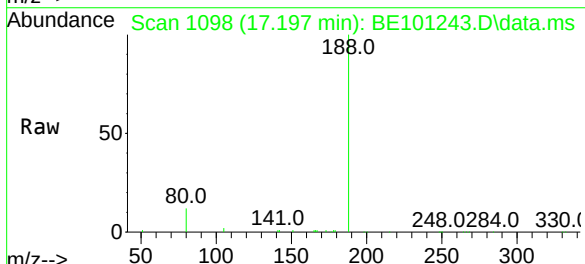
Instrument :
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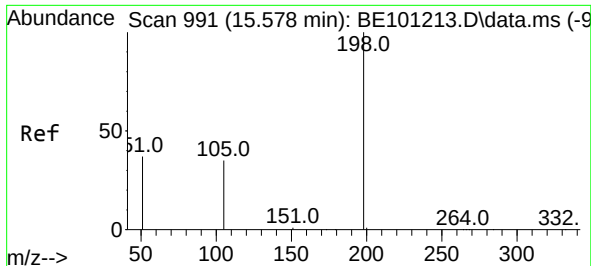
Tgt Ion:172	Resp:	16326
Ion Ratio	Lower	Upper
172	100	
171	34.7	28.7 43.1
170	23.0	19.3 28.9



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.197 min Scan# 1098
Delta R.T. -0.013 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Tgt Ion:188	Resp:	42614
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.2	4.6 6.8#

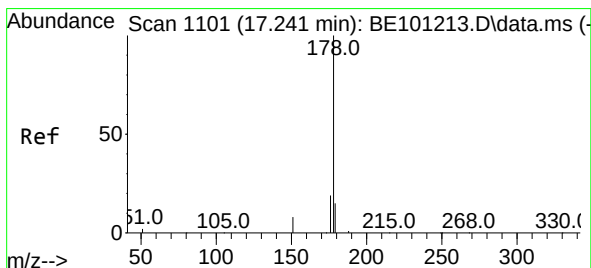
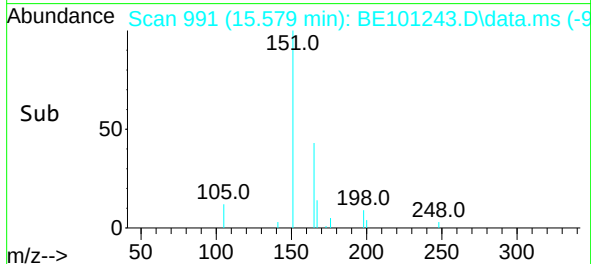
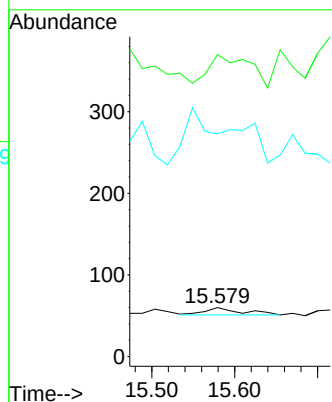
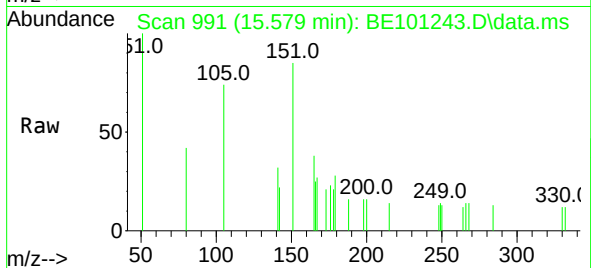




#20
4,6-Dinitro-2-methylphenol
Concen: 0.07 ng
RT: 15.579 min Scan# 991
Delta R.T. 0.002 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

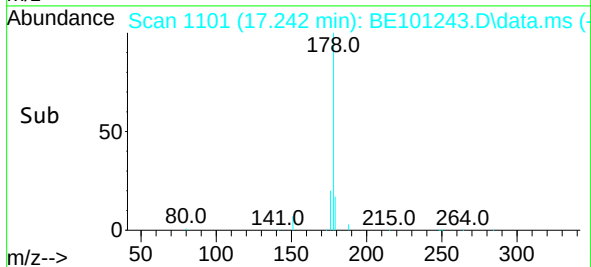
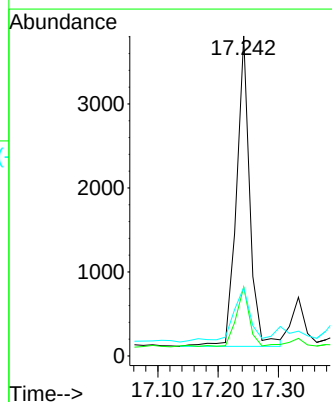
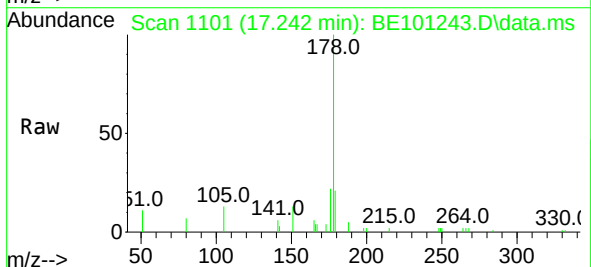
Instrument :
BNA_E
ClientSampled :
SW-1

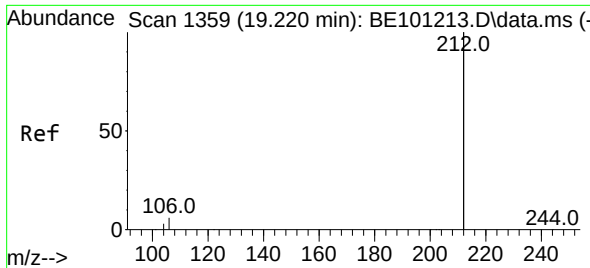
Tgt Ion:198 Resp: 27
Ion Ratio Lower Upper
198 100
51 616.7 55.9 83.9#
105 455.0 33.6 50.4#



#25
Phenanthrene
Concen: 0.05 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.002 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Tgt Ion:178 Resp: 5689
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 23.1 12.2 18.4#

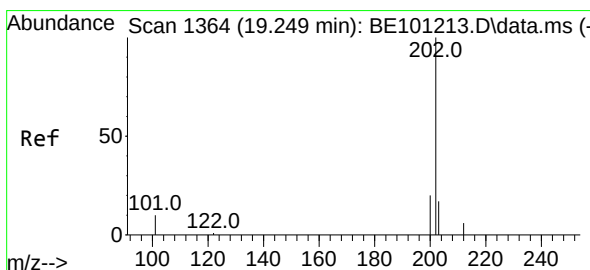
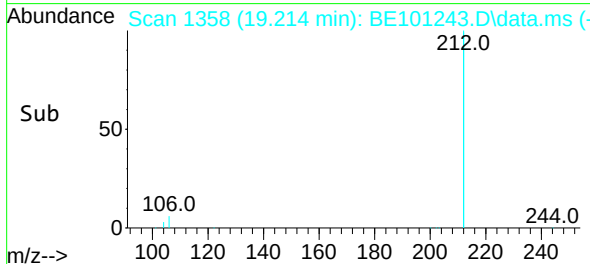
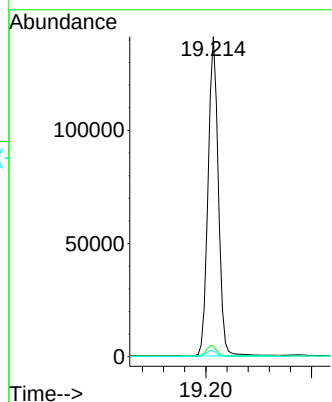
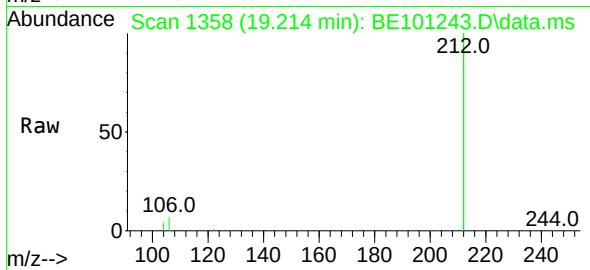




#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 19.214 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

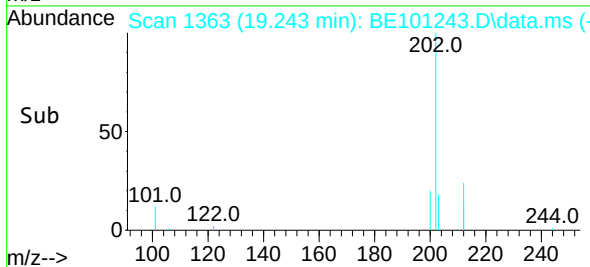
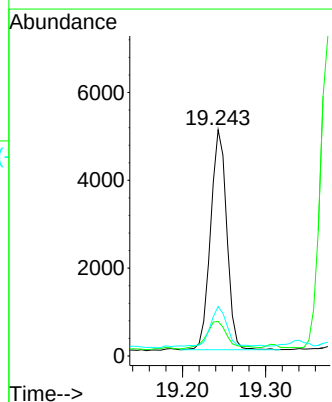
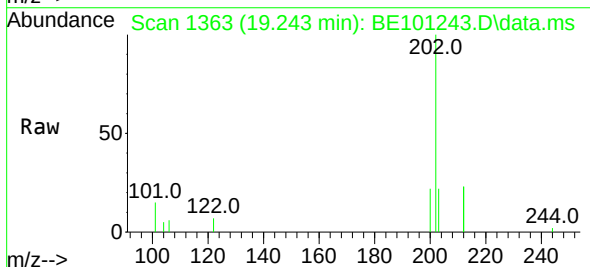
Instrument :
BNA_E
ClientSampleId :
SW-1

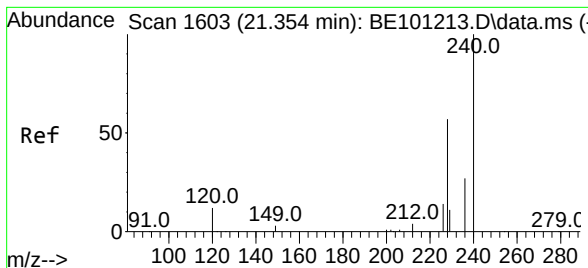
Tgt Ion:212 Resp: 189697
Ion Ratio Lower Upper
212 100
106 3.6 2.6 4.0
104 2.0 1.4 2.2



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.243 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Tgt Ion:202 Resp: 6753
Ion Ratio Lower Upper
202 100
101 16.8 9.1 13.7#
203 21.2 13.6 20.4#

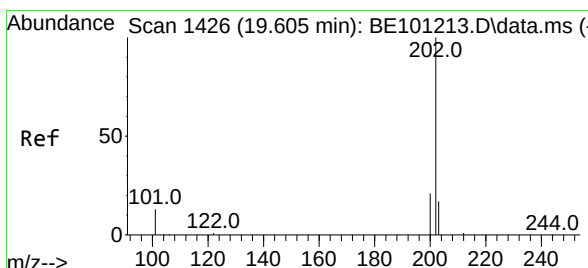
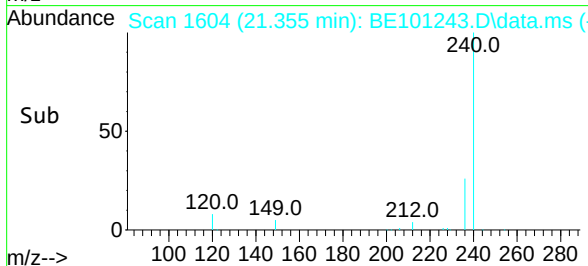
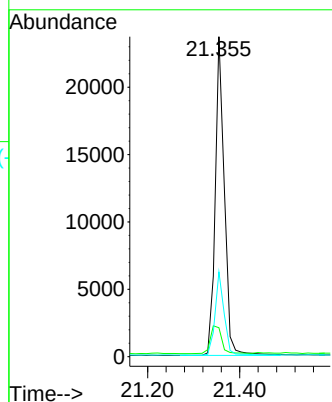
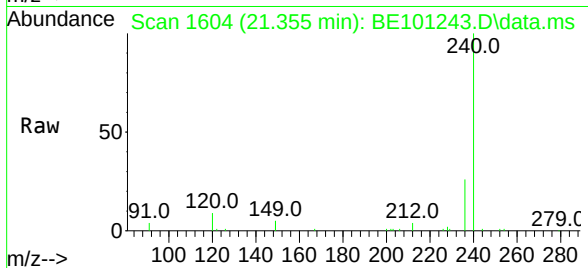




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1604
Delta R.T. 0.001 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

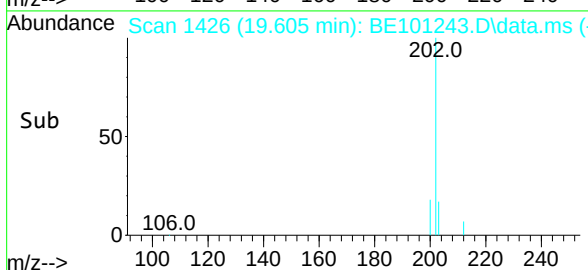
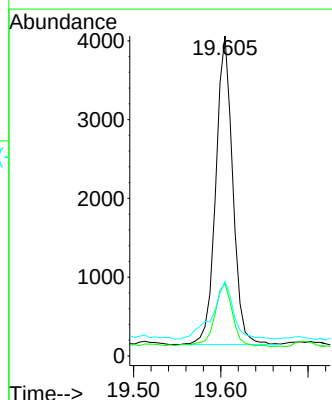
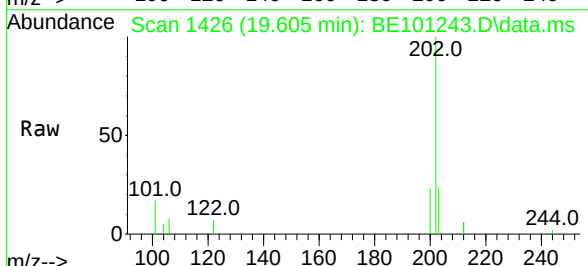
Instrument :
BNA_E
ClientSampleId :
SW-1

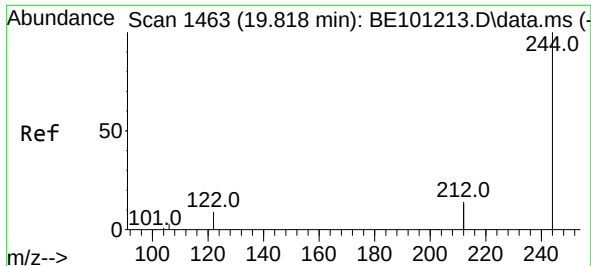
Tgt Ion:240 Resp: 32419
Ion Ratio Lower Upper
240 100
120 9.1 10.2 15.4#
236 26.5 21.7 32.5



#30
Pyrene
Concen: 0.05 ng
RT: 19.605 min Scan# 1426
Delta R.T. -0.001 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Tgt Ion:202 Resp: 5286
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 23.4 13.8 20.8#

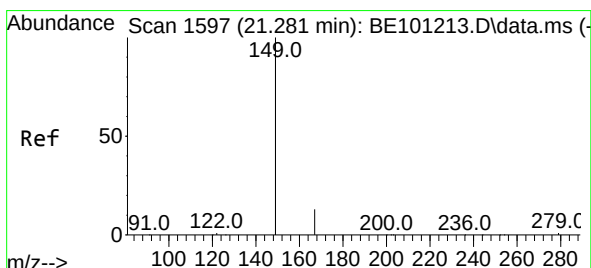
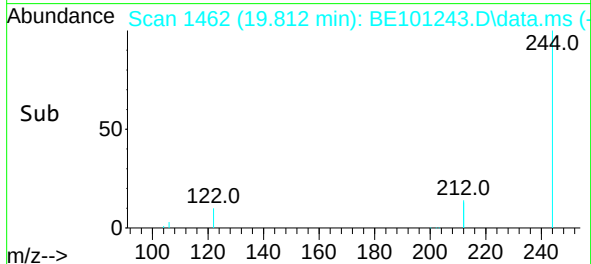
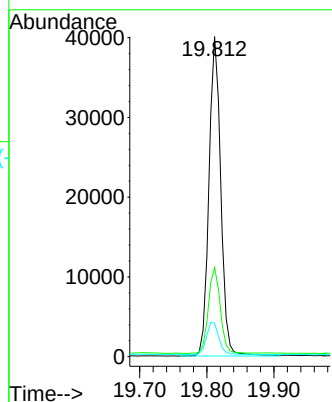
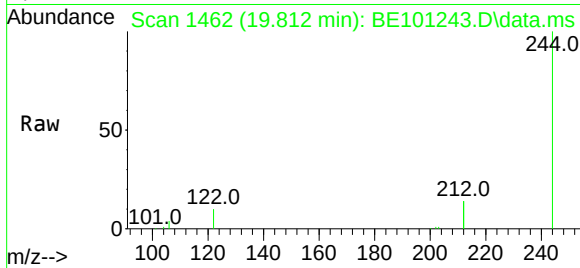




#31
 Terphenyl-d14
 Concen: 0.57 ng
 RT: 19.812 min Scan# 1462
 Delta R.T. -0.000 min
 Lab File: BE101243.D
 Acq: 8 Apr 2021 11:57

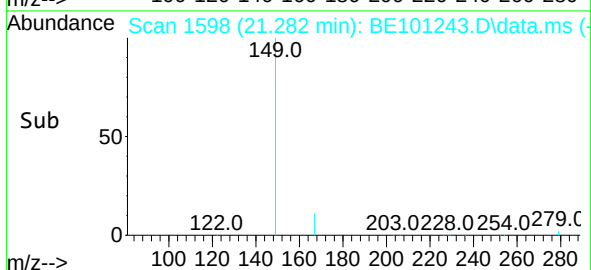
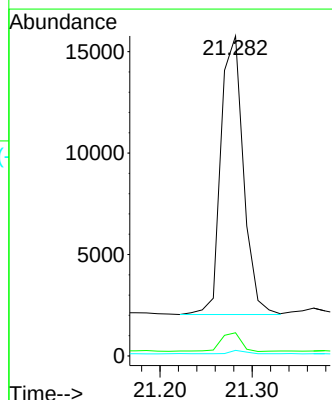
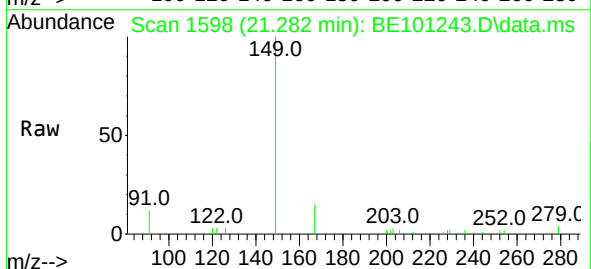
Instrument :
 BNA_E
 ClientSampleId :
 SW-1

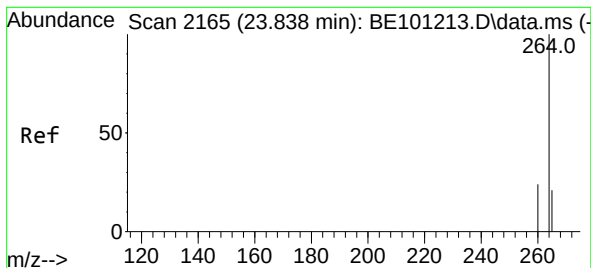
Tgt Ion:244 Resp: 49148
 Ion Ratio Lower Upper
 244 100
 212 27.9 21.9 32.9
 122 10.5 7.3 10.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.35 ng
 RT: 21.282 min Scan# 1598
 Delta R.T. 0.001 min
 Lab File: BE101243.D
 Acq: 8 Apr 2021 11:57

Tgt Ion:149 Resp: 23368
 Ion Ratio Lower Upper
 149 100
 167 6.0 5.5 8.3
 279 0.8 1.0 1.4#





#36

Perylene-d12

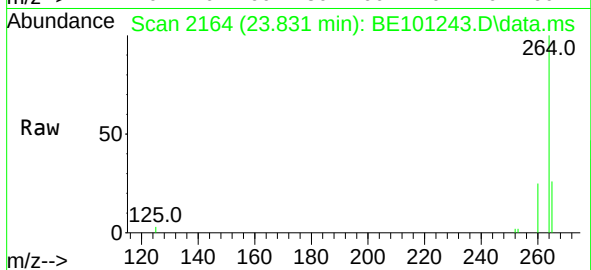
Concen: 0.40 ng

RT: 23.831 min Scan# 2164

Delta R.T. -0.004 min

Lab File: BE101243.D

Acq: 8 Apr 2021 11:57



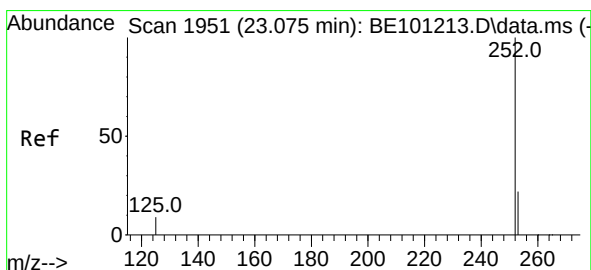
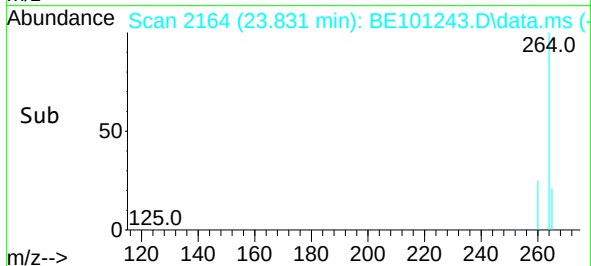
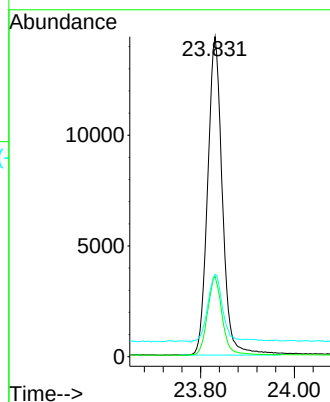
Tgt Ion:264 Resp: 31361

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 25.7 22.4 33.6



#37

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 23.075 min Scan# 1952

Delta R.T. -0.000 min

Lab File: BE101243.D

Acq: 8 Apr 2021 11:57

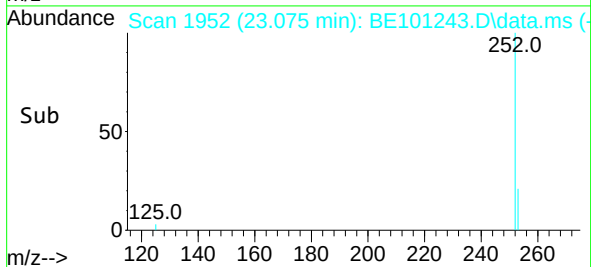
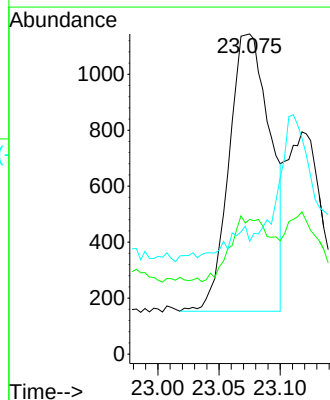
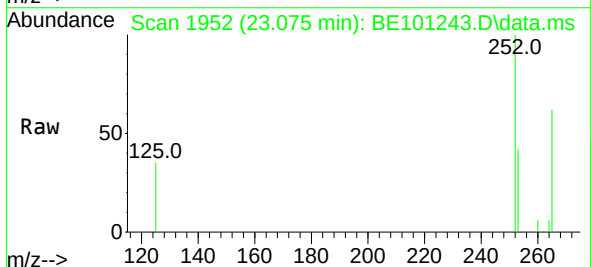
Tgt Ion:252 Resp: 2319

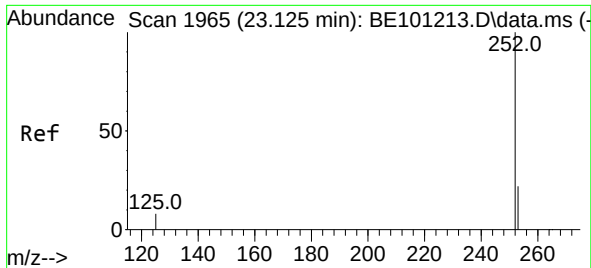
Ion Ratio Lower Upper

252 100

253 42.0 18.1 27.1#

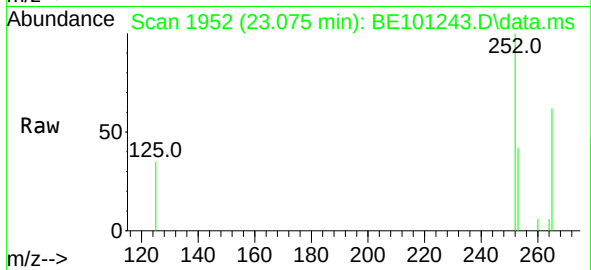
125 35.2 7.6 11.4#





#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 23.075 min Scan# 1952
Delta R.T. -0.050 min
Lab File: BE101243.D
Acq: 8 Apr 2021 11:57

Instrument :
BNA_E
ClientSampleId :
SW-1



Tgt Ion:252 Resp: 2319
Ion Ratio Lower Upper
252 100
253 42.0 17.8 26.6#
125 35.2 7.6 11.4#

