

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101246.D
 Acq On : 8 Apr 2021 13:57
 Operator : CG/JU
 Sample : M1931-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BES-12SRDL

Quant Time: Apr 08 14:44:58 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)

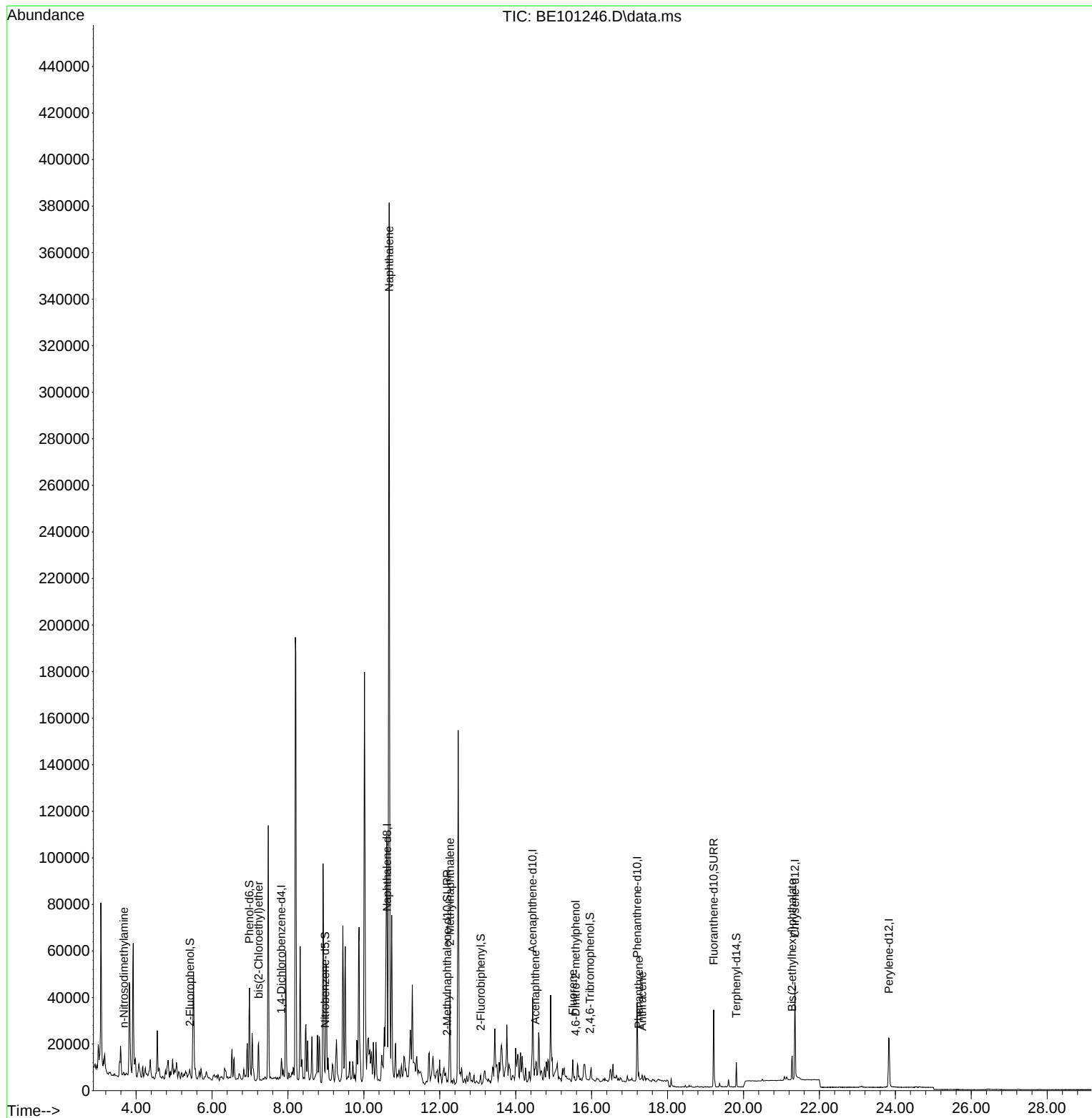
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.827	152	3883	0.40	ng	# 0.00
7) Naphthalene-d8	10.614	136	20211	0.40	ng	0.00
13) Acenaphthene-d10	14.444	164	23585	0.40	ng	# 0.00
19) Phenanthrene-d10	17.195	188	45730	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	40264	0.40	ng	# 0.00
36) Perylene-d12	23.827	264	33153	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	366	0.04	ng	0.00
5) Phenol-d6	6.986	99	365	0.03	ng	0.00
8) Nitrobenzene-d5	8.978	82	1044	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	2092	0.04	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	532	0.08	ng	0.00
15) 2-Fluorobiphenyl	13.075	172	3157	0.04	ng	0.00
27) Fluoranthene-d10	19.215	212	42022	0.05	ng	0.00
31) Terphenyl-d14	19.812	244	9367	0.09	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.681	42	1528	0.25	ng	# 2
6) bis(2-Chloroethyl)ether	7.228	93	587	0.04	ng	# 1
9) Naphthalene	10.666	128	569977	2.59	ng	# 96
12) 2-Methylnaphthalene	12.268	142	27496	0.70	ng	96
17) Acenaphthene	14.516	154	3289	0.05	ng	# 62
18) Fluorene	15.502	166	6440	0.07	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.578	198	28	0.06	ng	# 1
25) Phenanthrene	17.241	178	3478	0.03	ng	# 78
26) Anthracene	17.332	178	2314	0.02	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.281	149	13934	0.17	ng	# 100

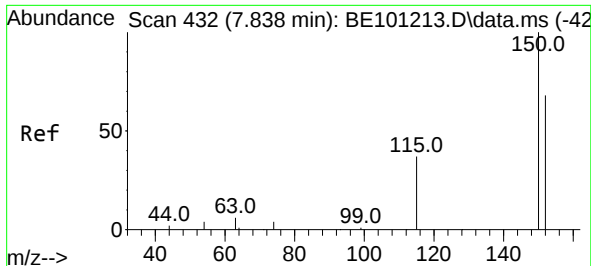
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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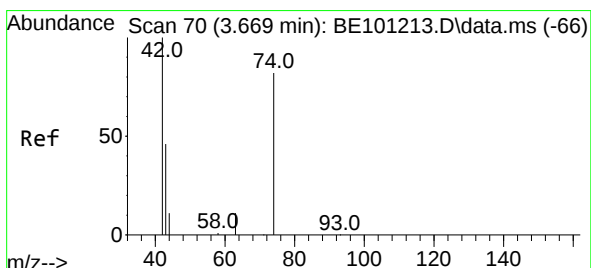
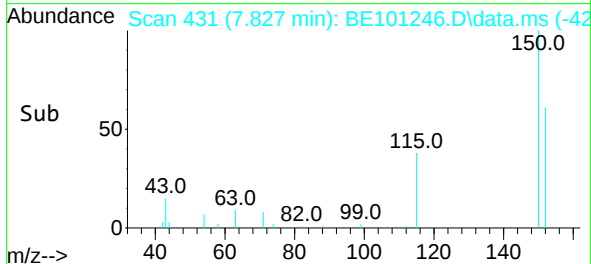
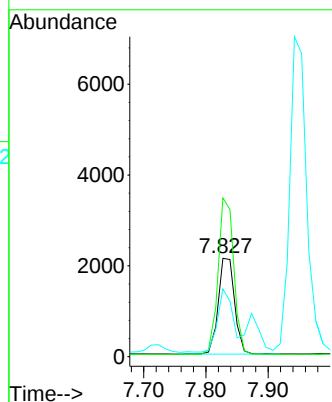
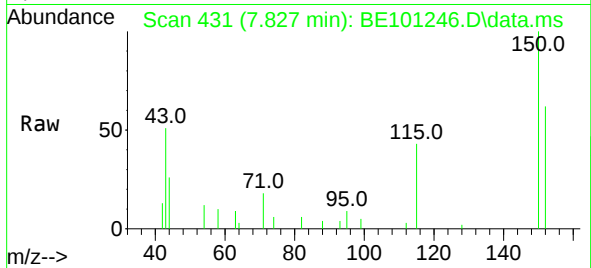




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.827 min Scan# 431
Delta R.T. -0.003 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

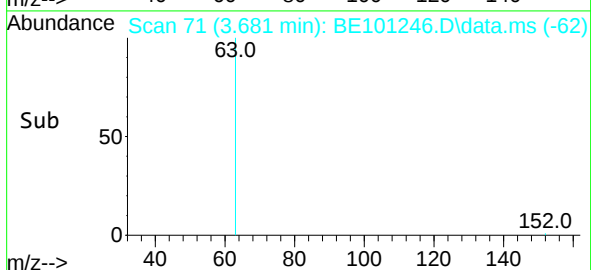
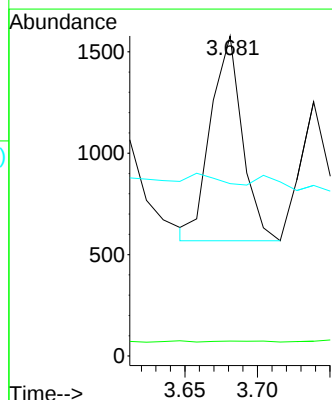
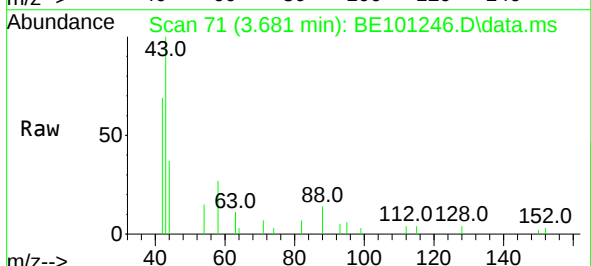
Instrument :
BNA_E
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BES-12SRDL

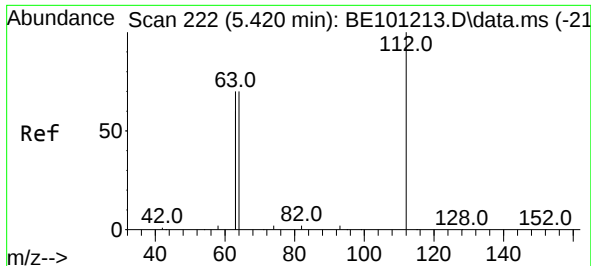
Tgt Ion:152 Resp: 3883
Ion Ratio Lower Upper
152 100
150 161.2 116.9 175.3
115 68.9 44.5 66.7#



#3
n-Nitrosodimethylamine
Concen: 0.25 ng
RT: 3.681 min Scan# 71
Delta R.T. 0.009 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion: 42 Resp: 1528
Ion Ratio Lower Upper
42 100
74 0.9 92.7 139.1#
44 0.0 10.7 16.1#

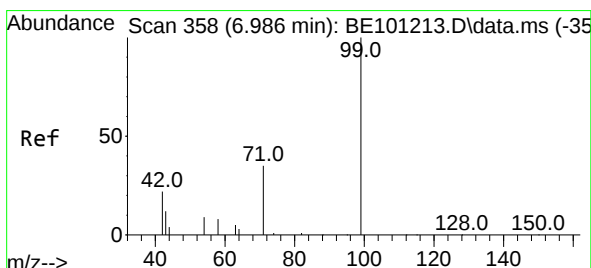
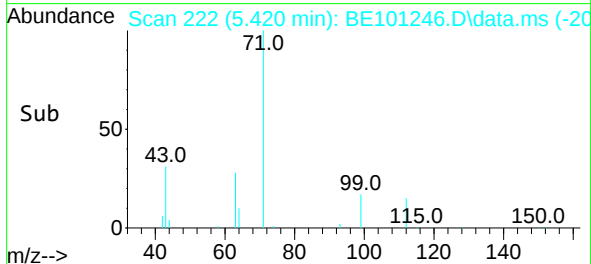
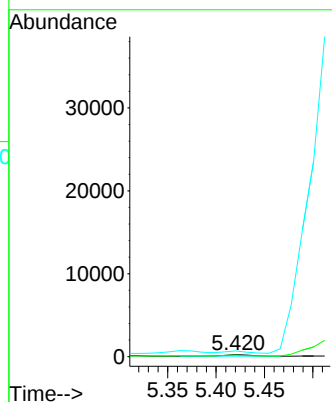
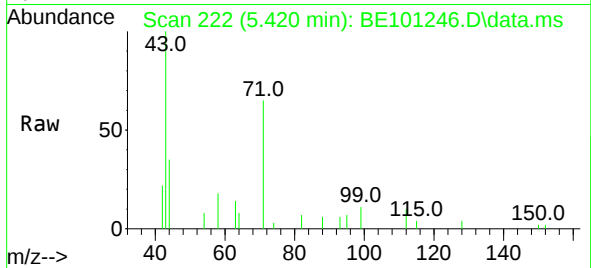




#4
2-Fluorophenol
Concen: 0.04 ng
RT: 5.420 min Scan# 222
Delta R.T. -0.002 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

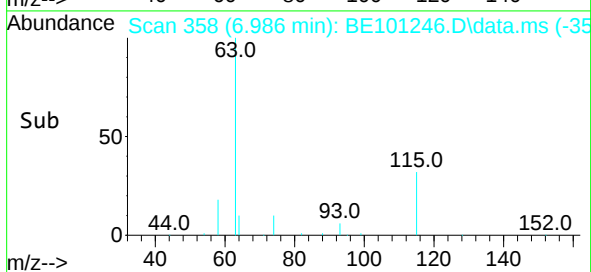
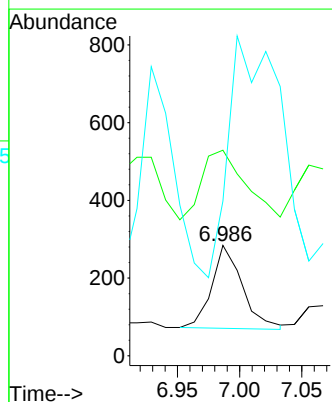
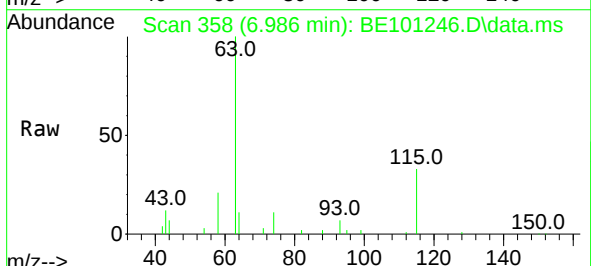
Instrument :
BNA_E
ClientSampleId :
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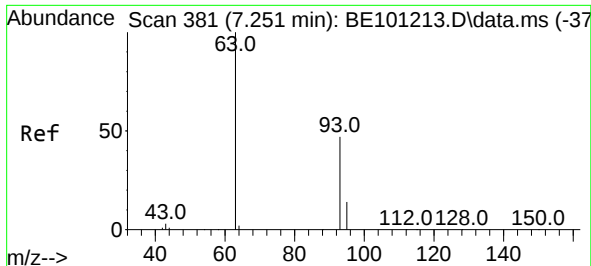
Tgt Ion:112 Resp: 366
Ion Ratio Lower Upper
112 100
64 55.2 62.3 93.5#
63 0.0 117.3 175.9#



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.986 min Scan# 358
Delta R.T. -0.002 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion: 99 Resp: 365
Ion Ratio Lower Upper
99 100
42 126.8 18.5 27.7#
71 512.1 26.5 39.7#

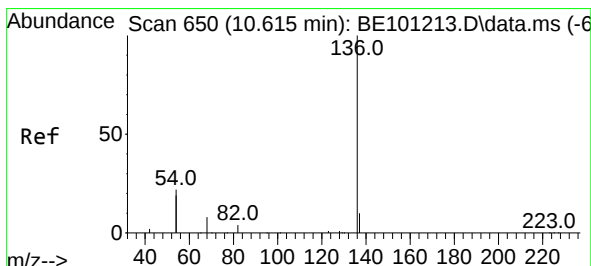
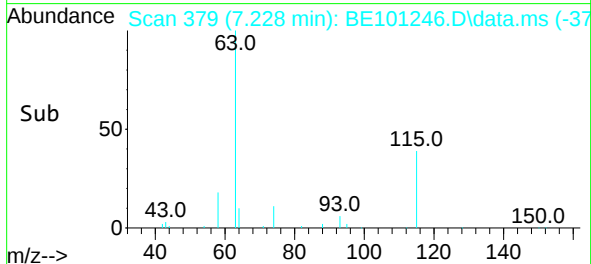
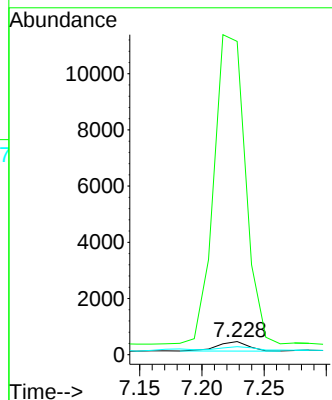
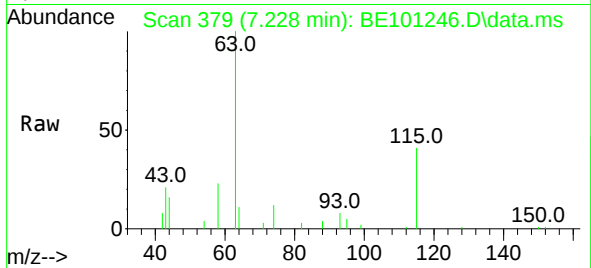




#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.228 min Scan# 379
Delta R.T. -0.025 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

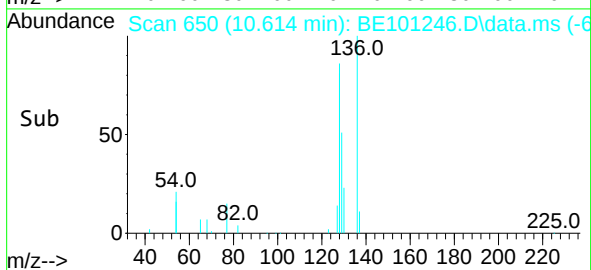
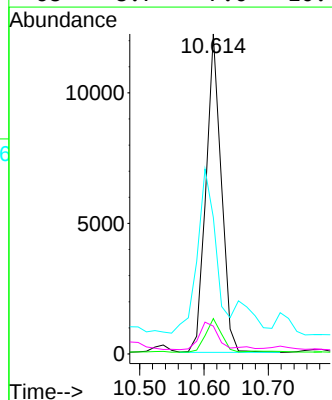
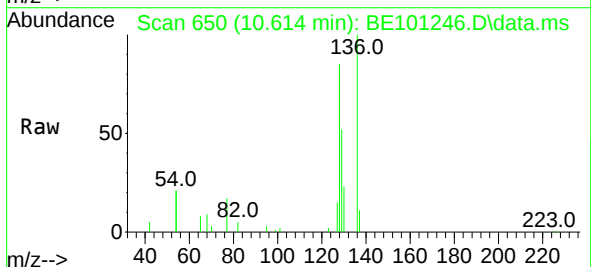
Instrument :
BNA_E
ClientSampleId :
BES-12SRDL

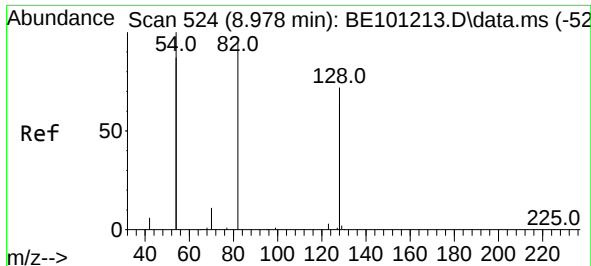
Tgt Ion: 93 Resp: 587
Ion Ratio Lower Upper
93 100
63 3320.8 292.5 438.7#
95 43.4 25.7 38.5#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion: 136 Resp: 20211
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 42.7 34.7 52.1
68 8.7 7.0 10.4

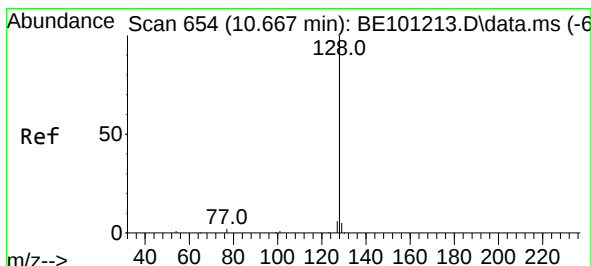
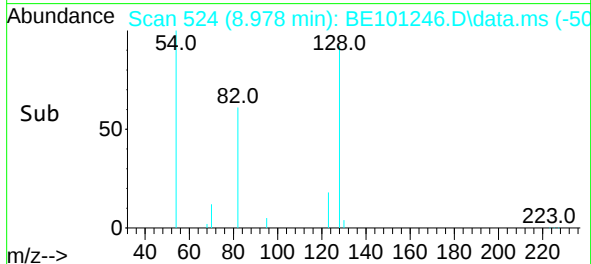
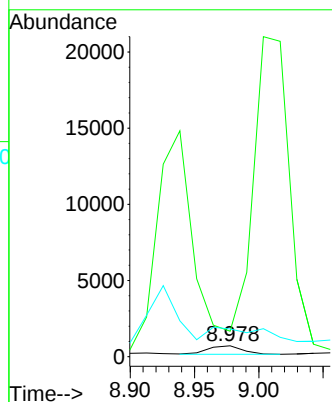
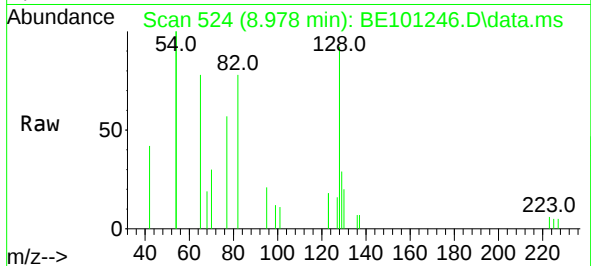




#8
Nitrobenzene-d5
Concen: 0.07 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

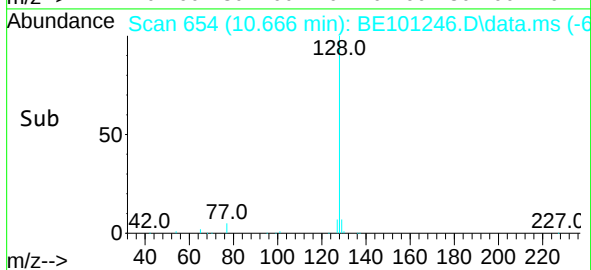
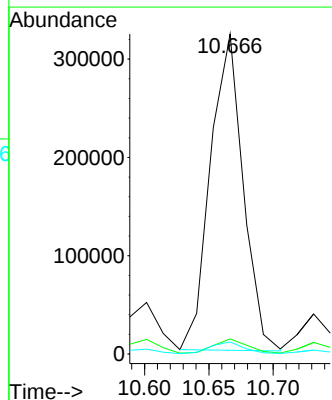
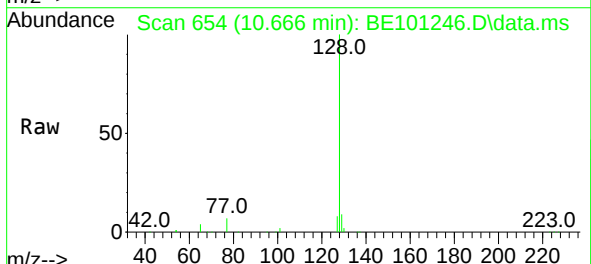
Instrument :
BNA_E
ClientSampleId :
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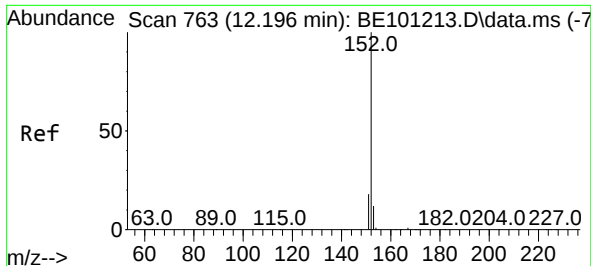
Tgt Ion: 82 Resp: 1044
Ion Ratio Lower Upper
82 100
128 234.3 118.7 178.1#
54 255.7 164.4 246.6#



#9
Naphthalene
Concen: 2.59 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion: 128 Resp: 569977
Ion Ratio Lower Upper
128 100
129 4.7 2.2 3.4#
127 3.8 2.6 3.8

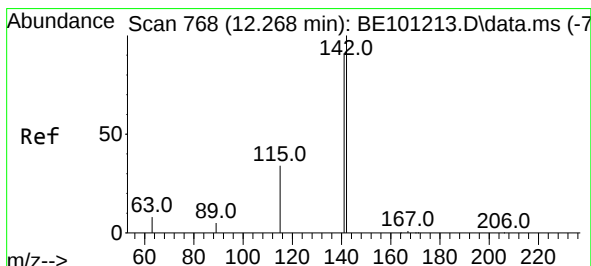
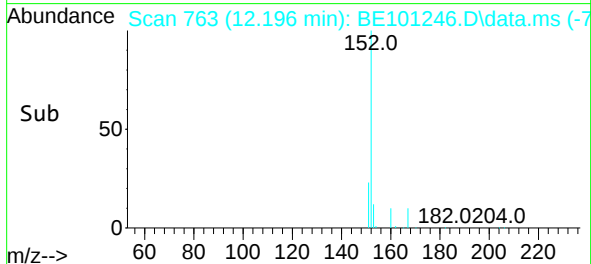
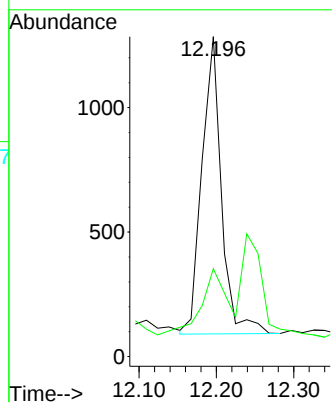
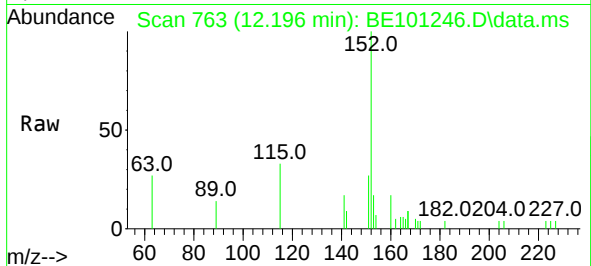




#11
2-Methylnaphthalene-d10
Concen: 0.04 ng
RT: 12.196 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

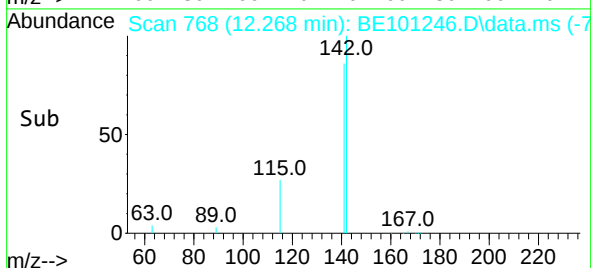
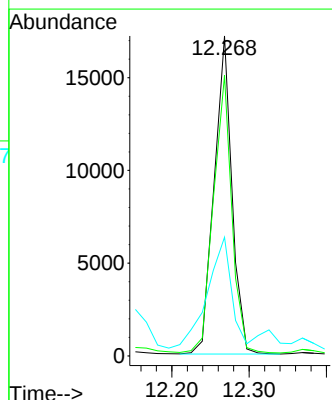
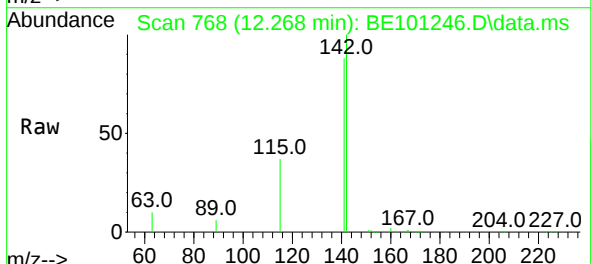
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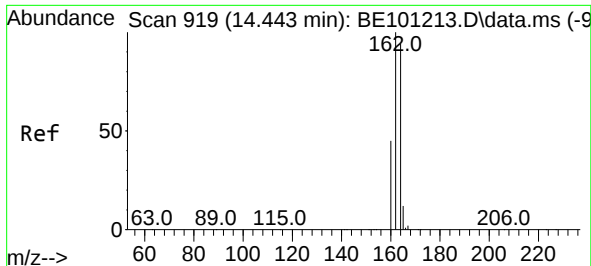
Tgt Ion:152 Resp: 2092
Ion Ratio Lower Upper
152 100
151 32.3 16.5 24.7#



#12
2-Methylnaphthalene
Concen: 0.70 ng
RT: 12.268 min Scan# 768
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion:142 Resp: 27496
Ion Ratio Lower Upper
142 100
141 87.6 73.0 109.6
115 37.1 27.8 41.8

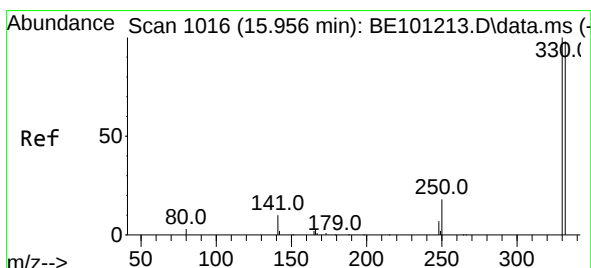
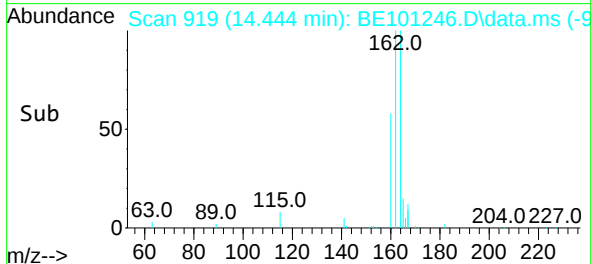
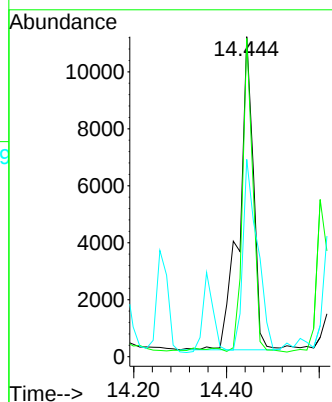
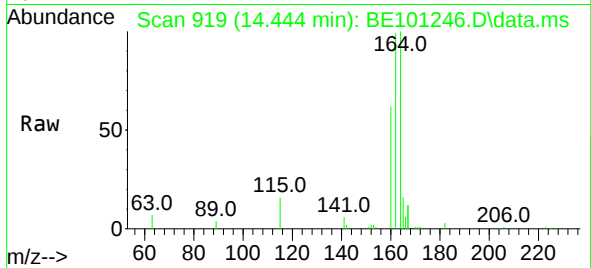




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.444 min Scan# 919
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

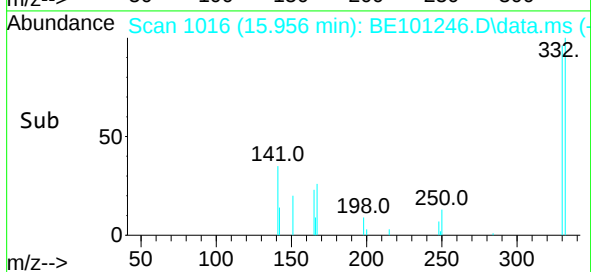
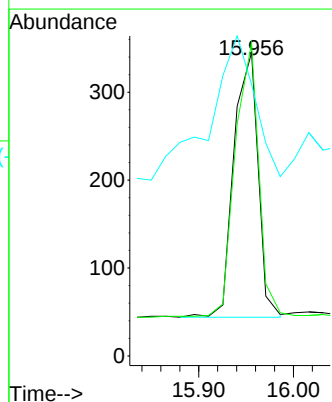
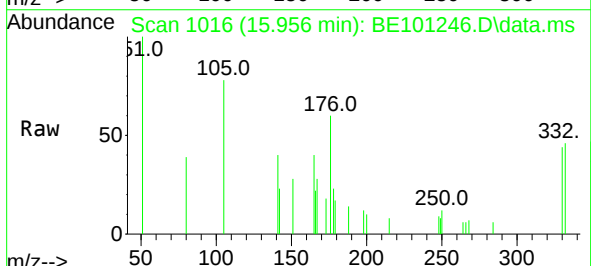
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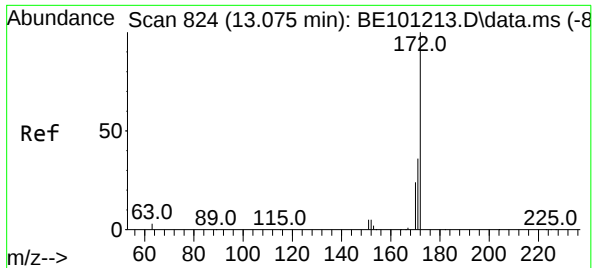
Tgt Ion:164 Resp: 23585
Ion Ratio Lower Upper
164 100
162 99.4 85.3 127.9
160 61.6 39.1 58.7#



#14
2,4,6-Tribromophenol
Concen: 0.08 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion:330 Resp: 532
Ion Ratio Lower Upper
330 100
332 100.0 77.8 116.6
141 85.9 30.4 45.6#

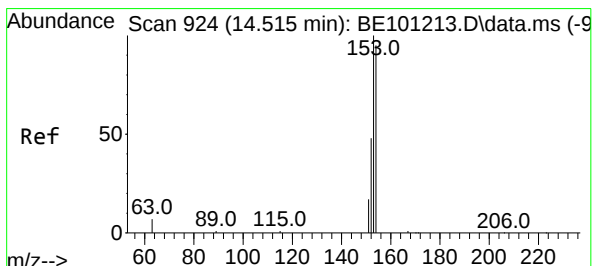
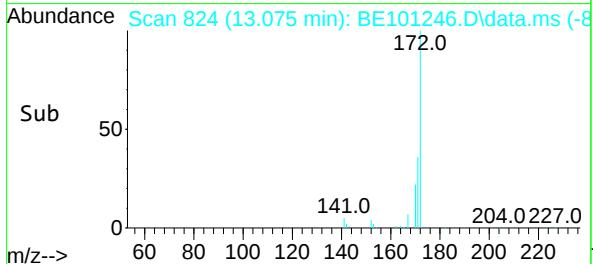
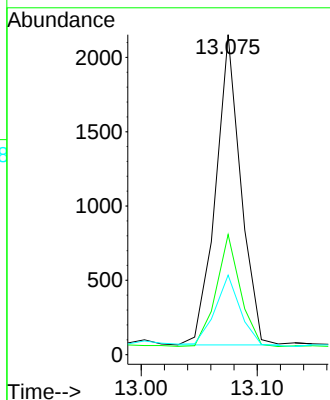
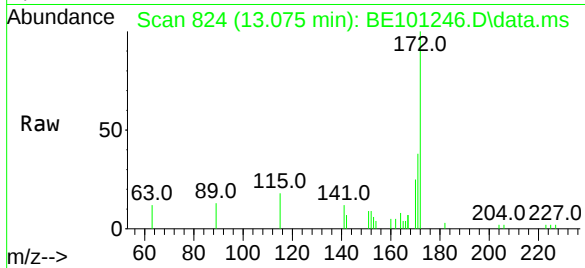




#15
2-Fluorobiphenyl
Concen: 0.04 ng
RT: 13.075 min Scan# 824
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

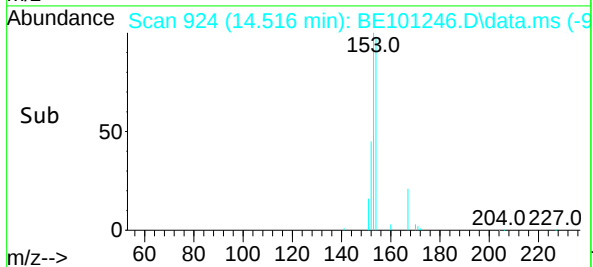
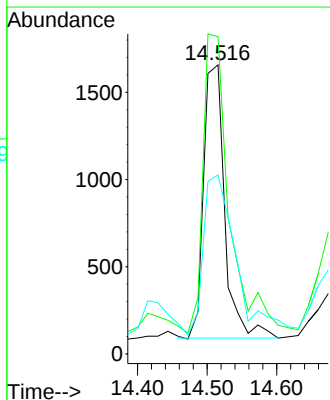
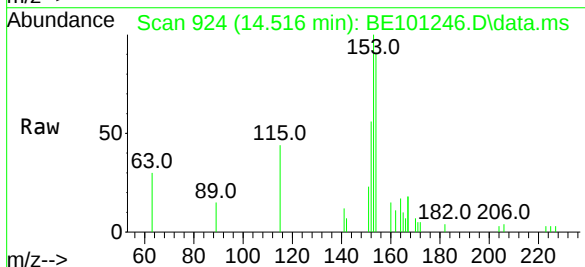
Instrument :
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ClientSampleId :
BES-12SRDL

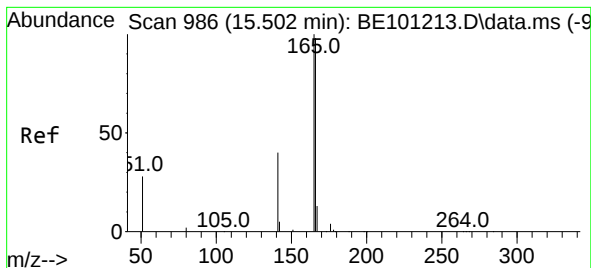
Tgt Ion:	172	Resp:	3157
Ion Ratio	Lower	Upper	
172	100		
171	37.5	28.7	43.1
170	24.8	19.3	28.9



#17
Acenaphthene
Concen: 0.05 ng
RT: 14.516 min Scan# 924
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion:	154	Resp:	3289
Ion Ratio	Lower	Upper	
154	100		
153	137.1	84.9	127.3#
152	92.4	42.7	64.1#





#18

Fluorene

Concen: 0.07 ng

RT: 15.502 min Scan# 986

Delta R.T. 0.001 min

Lab File: BE101246.D

Acq: 8 Apr 2021 13:57

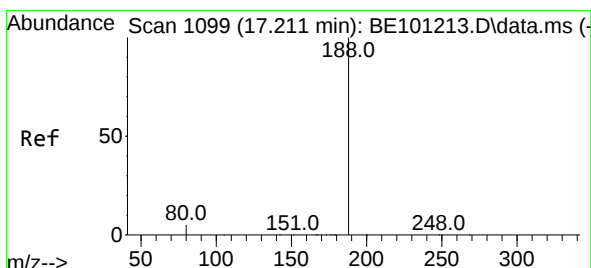
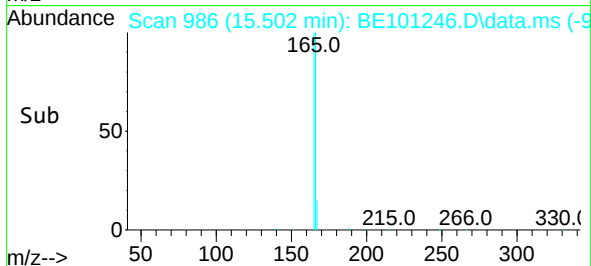
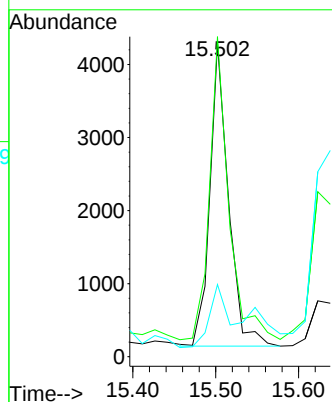
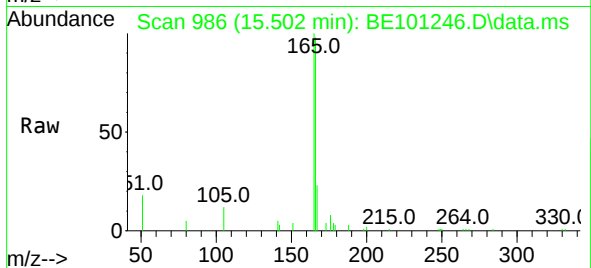
Tgt Ion:	166	Resp:	6440
Ion	Ratio	Lower	Upper
166	100		
165	103.0	79.0	118.4
167	24.3	11.0	16.4#

Instrument :

BNA_E

ClientSampleId :

BES-12SRDL



#19

Phenanthrene-d10

Concen: 0.40 ng

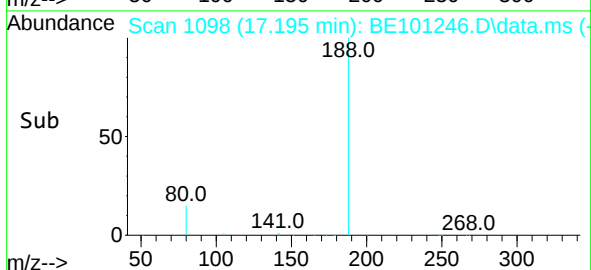
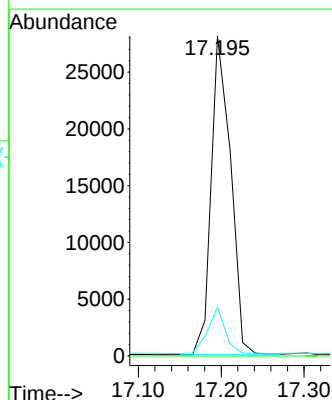
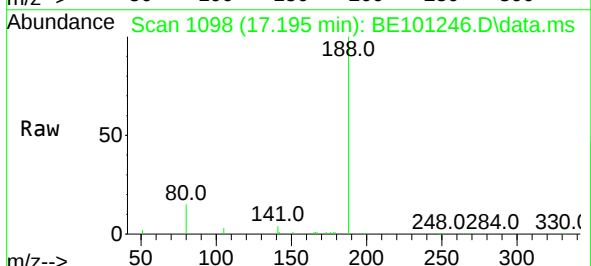
RT: 17.195 min Scan# 1098

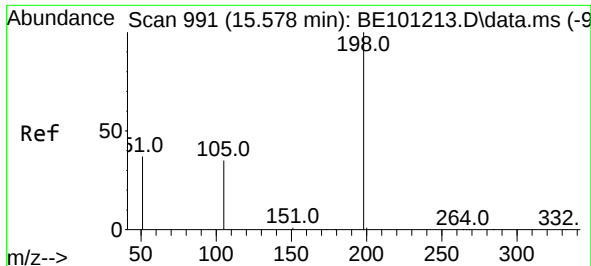
Delta R.T. -0.014 min

Lab File: BE101246.D

Acq: 8 Apr 2021 13:57

Tgt Ion:	188	Resp:	45730
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	4.6	6.8#

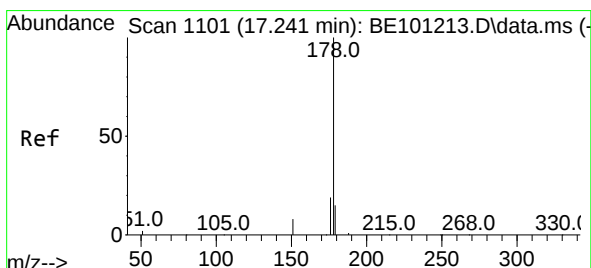
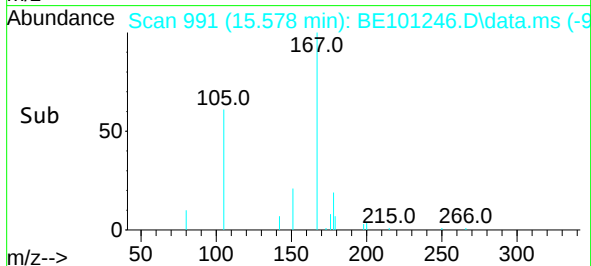
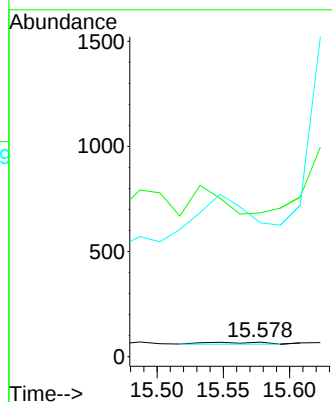
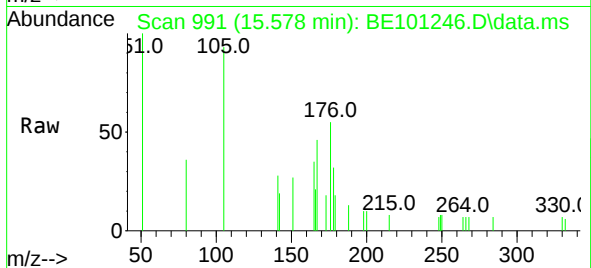




#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.578 min Scan# 991
Delta R.T. 0.001 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

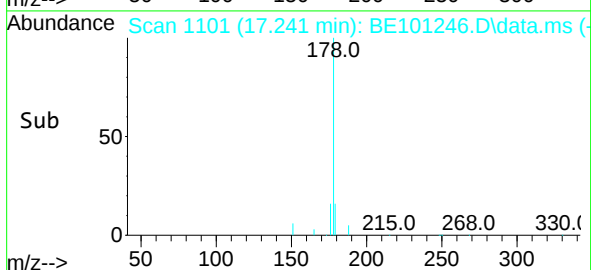
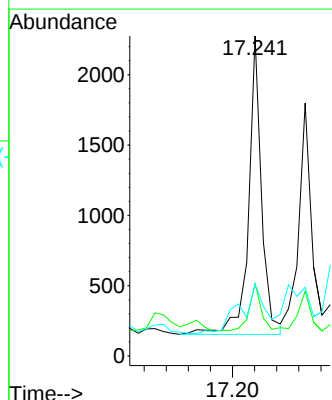
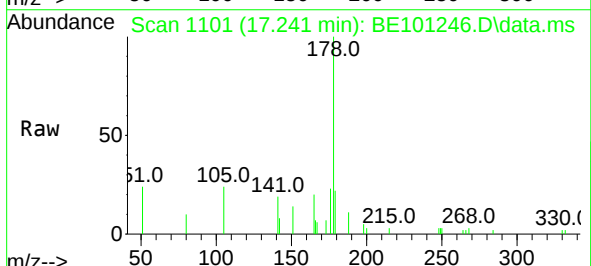
Instrument :
BNA_E
ClientSampleId :
BES-12SRDL

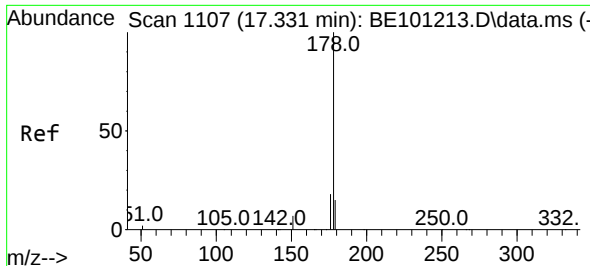
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 991.3 55.9 83.9#
105 923.2 33.6 50.4#



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.241 min Scan# 1101
Delta R.T. 0.001 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion:178 Resp: 3478
Ion Ratio Lower Upper
178 100
176 14.6 15.0 22.6#
179 31.2 12.2 18.4#

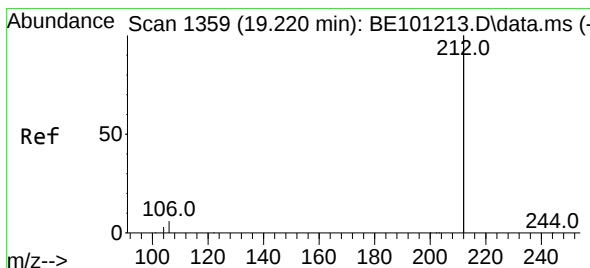
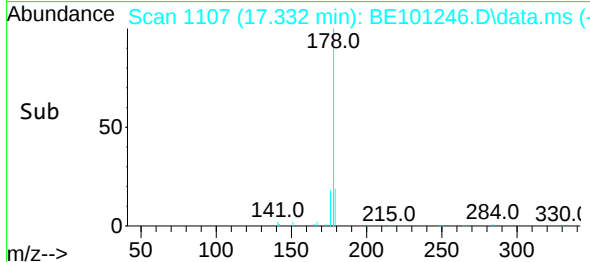
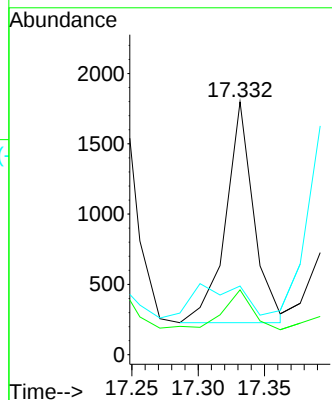
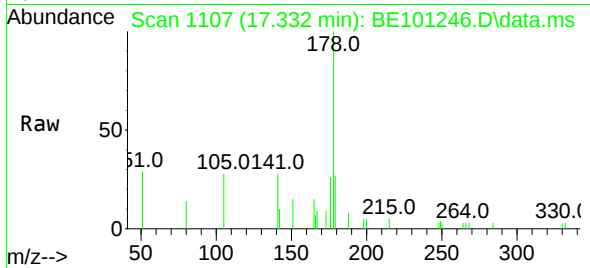




#26
 Anthracene
 Concen: 0.02 ng
 RT: 17.332 min Scan# 1107
 Delta R.T. 0.001 min
 Lab File: BE101246.D
 Acq: 8 Apr 2021 13:57

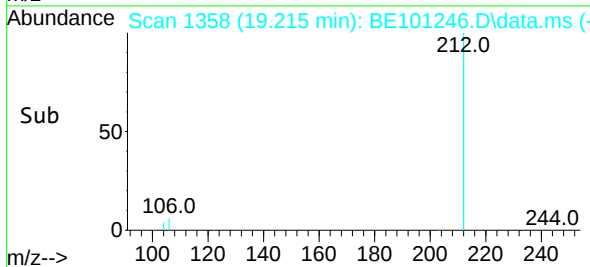
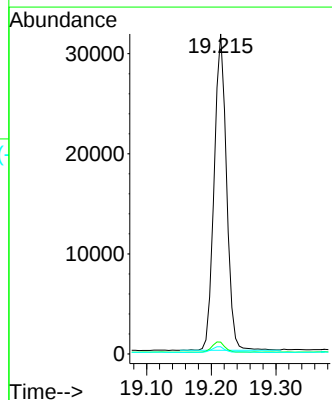
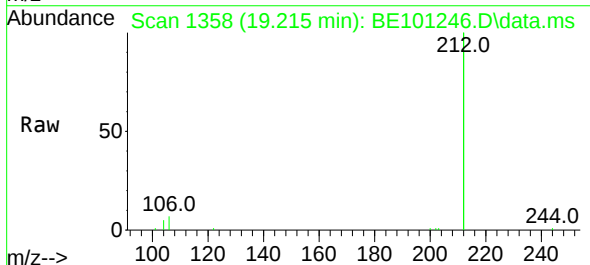
Instrument :
 BNA_E
 ClientSampleId :
 BES-12SRDL

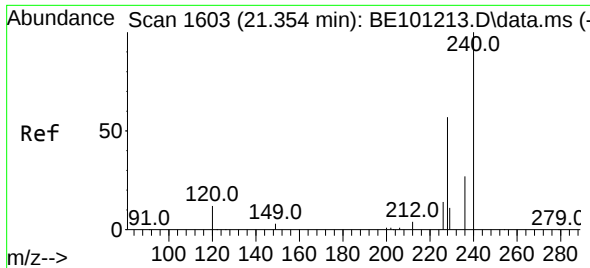
Tgt Ion:178 Resp: 2314
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.4 21.6
 179 0.0 11.8 17.8#



#27
 Fluoranthene-d10
 Concen: 0.05 ng
 RT: 19.215 min Scan# 1358
 Delta R.T. -0.000 min
 Lab File: BE101246.D
 Acq: 8 Apr 2021 13:57

Tgt Ion:212 Resp: 42022
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 1.9 1.4 2.2

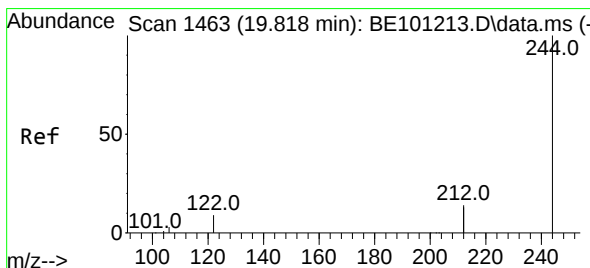
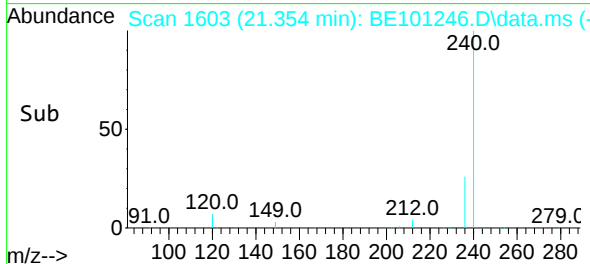
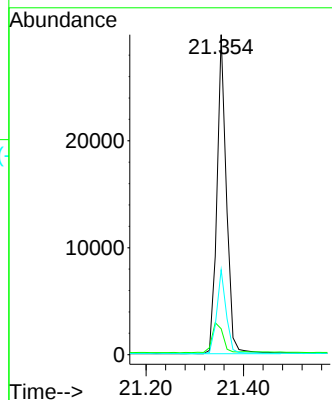
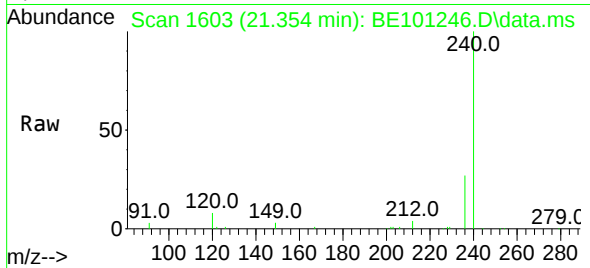




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

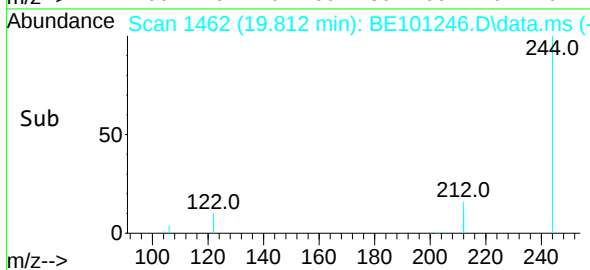
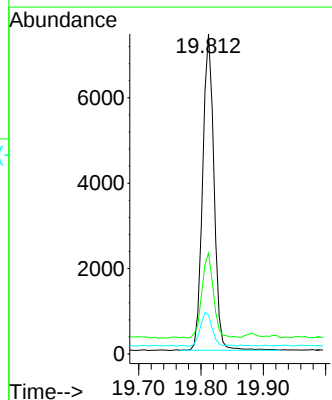
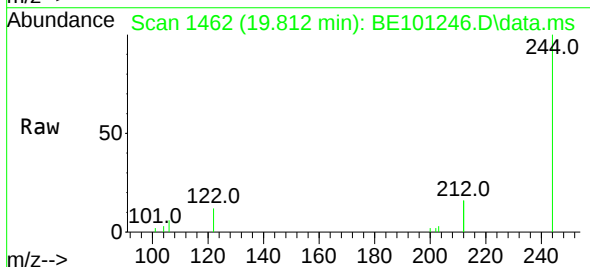
Instrument :
BNA_E
ClientSampleId :
BES-12SRDL

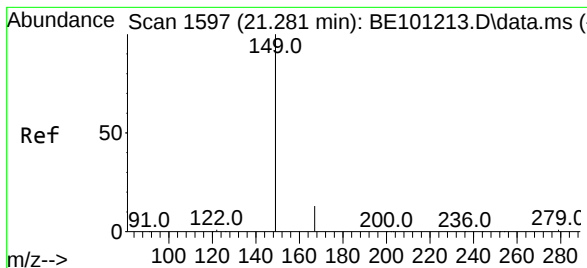
Tgt Ion:240 Resp: 40264
Ion Ratio Lower Upper
240 100
120 8.1 10.2 15.4#
236 26.6 21.7 32.5



#31
Terphenyl-d14
Concen: 0.09 ng
RT: 19.812 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BE101246.D
Acq: 8 Apr 2021 13:57

Tgt Ion:244 Resp: 9367
Ion Ratio Lower Upper
244 100
212 31.5 21.9 32.9
122 12.2 7.3 10.9#

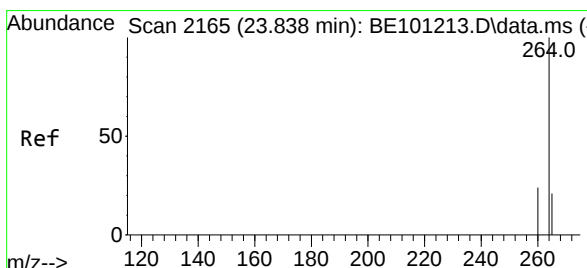
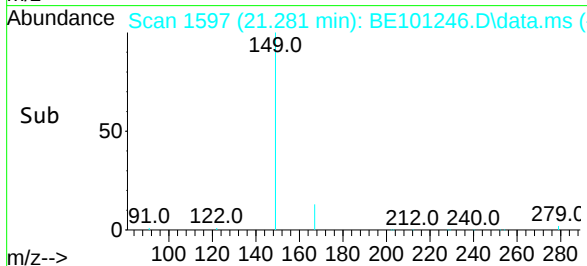
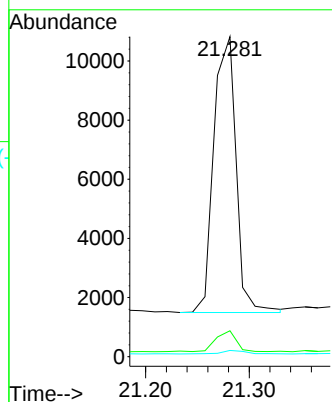
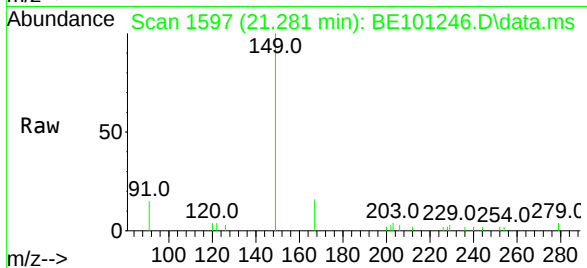




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.17 ng
 RT: 21.281 min Scan# 1597
 Delta R.T. -0.000 min
 Lab File: BE101246.D
 Acq: 8 Apr 2021 13:57

Instrument :
 BNA_E
 ClientSampleId :
 BES-12SRDL

Tgt Ion:149 Resp: 13934
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.5 8.3
 279 1.5 1.0 1.4#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.827 min Scan# 2162
 Delta R.T. -0.007 min
 Lab File: BE101246.D
 Acq: 8 Apr 2021 13:57

Tgt Ion:264 Resp: 33153
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 25.5 22.4 33.6

