

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
 Data File : BE101229.D
 Acq On : 7 Apr 2021 15:31
 Operator : CG/JU
 Sample : M1931-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BES-12SR

Quant Time: Apr 07 16:12:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:22:45 2021
 Response via : Initial Calibration

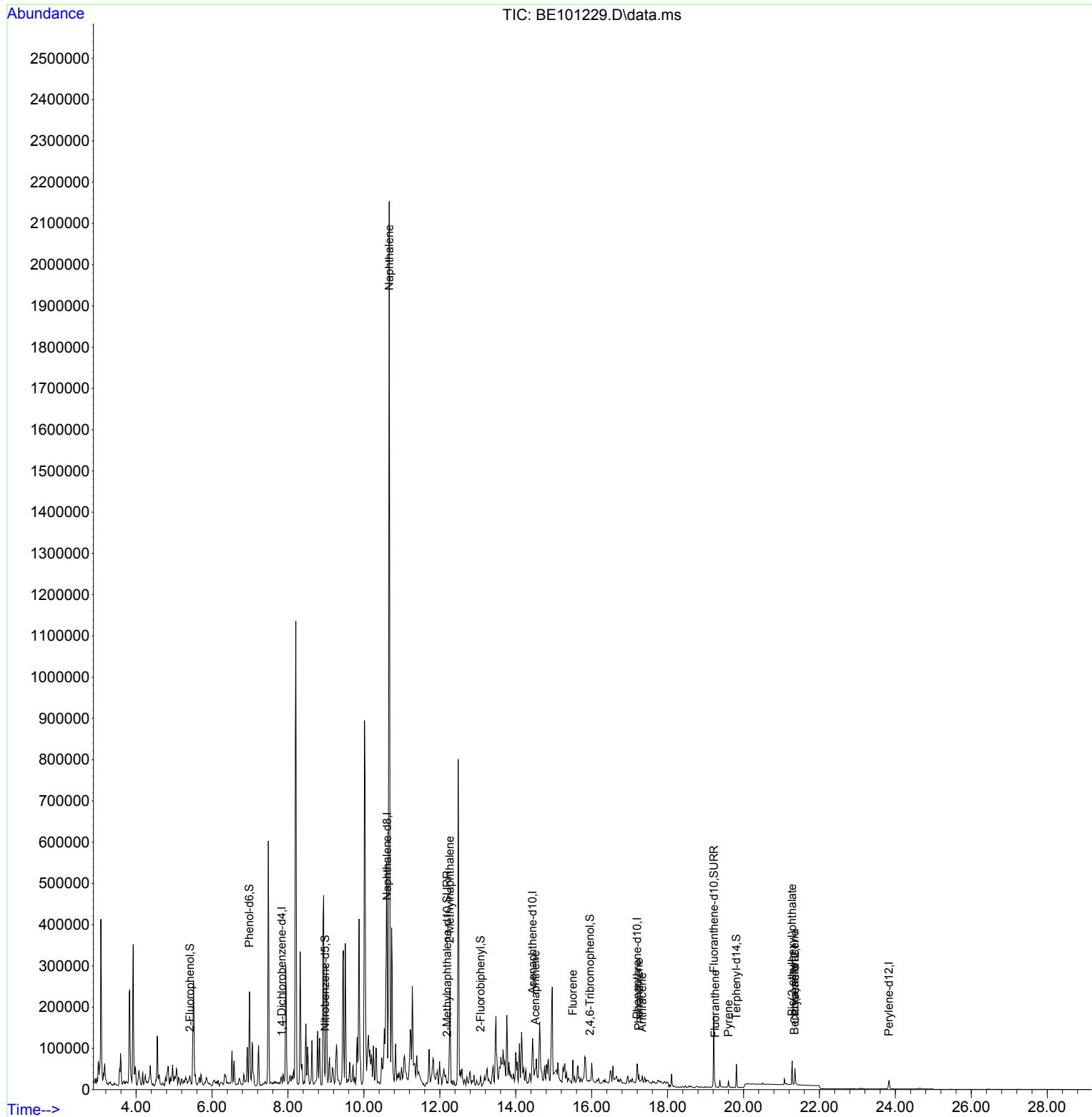
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	4047	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	21507	0.40	ng	# 0.00
13) Acenaphthene-d10	14.442	164	70918	0.40	ng	# 0.00
19) Phenanthrene-d10	17.197	188	45659	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	38351	0.40	ng	0.00
36) Perylene-d12	23.830	264	31180	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1946	0.20	ng	0.00
5) Phenol-d6	6.986	99	2065	0.14	ng	0.00
8) Nitrobenzene-d5	8.977	82	6295	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	12130	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	3112	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	18052	0.07	ng	0.00
27) Fluoranthene-d10	19.220	212	228984	0.29	ng	0.00
31) Terphenyl-d14	19.811	244	50664	0.49	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.666	128	3106947	13.29	ng	# 97
12) 2-Methylnaphthalene	12.267	142	157166	3.74	ng	97
17) Acenaphthene	14.514	154	19541	0.09	ng	# 75
18) Fluorene	15.503	166	37087	0.13	ng	# 92
25) Phenanthrene	17.242	178	19141	0.14	ng	# 81
26) Anthracene	17.333	178	12823	0.11	ng	# 80
28) Fluoranthene	19.248	202	9831	0.06	ng	# 88
30) Pyrene	19.604	202	14526	0.10	ng	# 87
32) Benzo(a)anthracene	21.342	228	2460	0.02	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.282	149	67625	0.87	ng	100

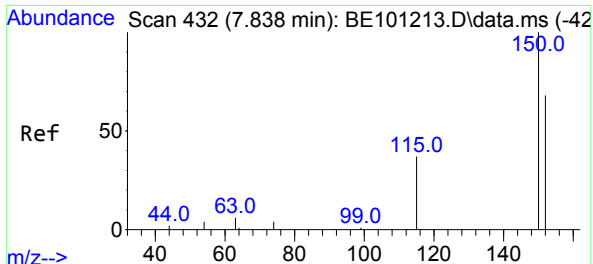
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
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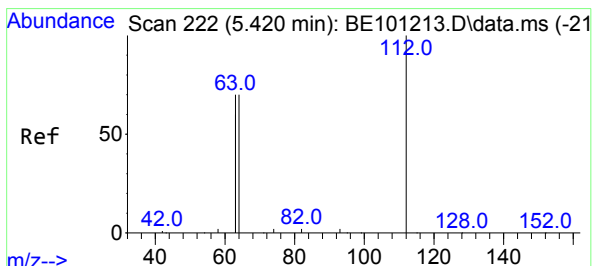
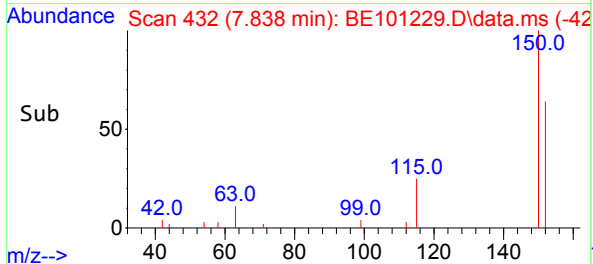
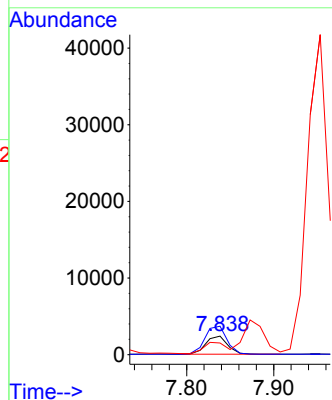
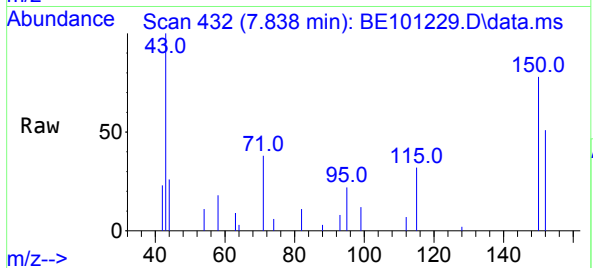




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. 0.008 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

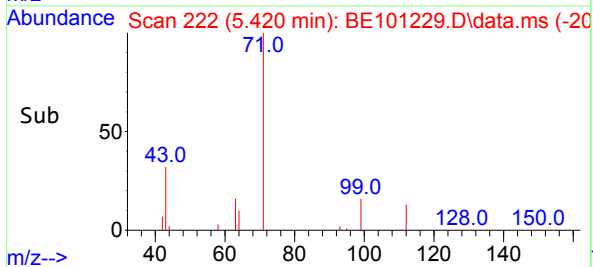
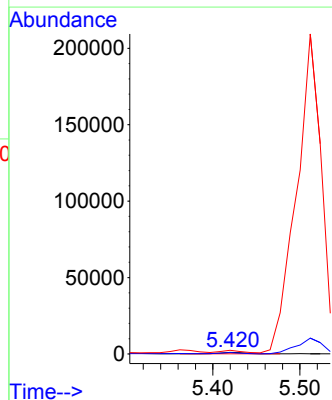
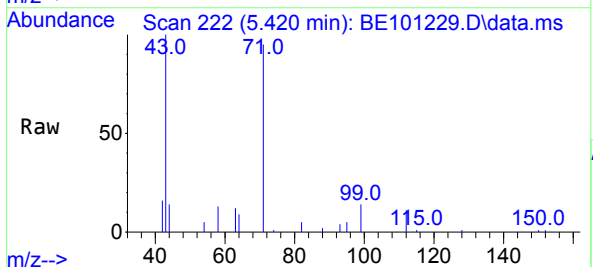
Instrument :
BNA_E
ClientSampleId :
BES-12SR

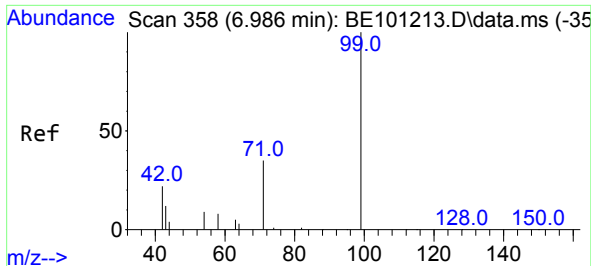
Tgt Ion:152 Resp: 4047
Ion Ratio Lower Upper
152 100
150 153.5 116.9 175.3
115 63.3 44.5 66.7



#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.420 min Scan# 222
Delta R.T. -0.003 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:112 Resp: 1946
Ion Ratio Lower Upper
112 100
64 62.0 62.3 93.5#
63 0.0 117.3 175.9#

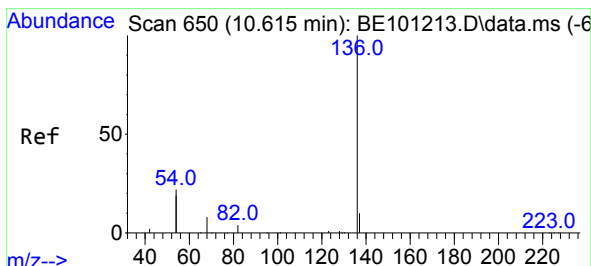
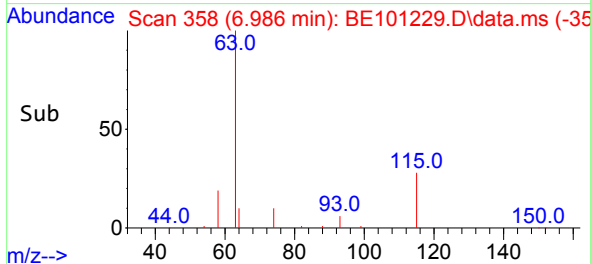
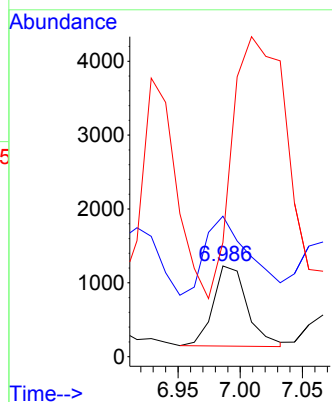
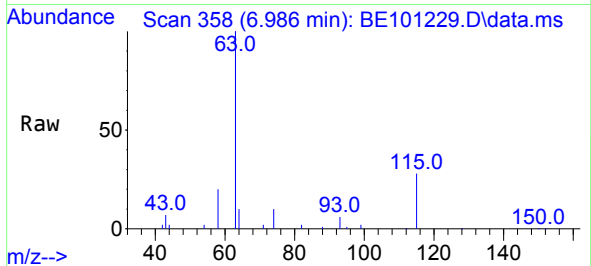




#5
Phenol-d6
Concen: 0.14 ng
RT: 6.986 min Scan# 358
Delta R.T. -0.003 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

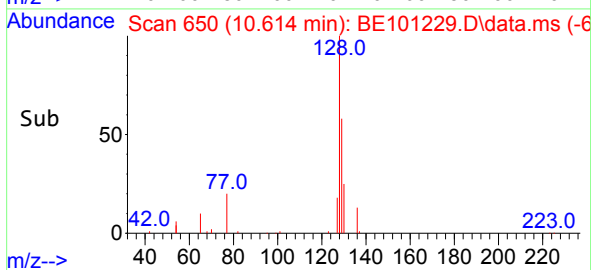
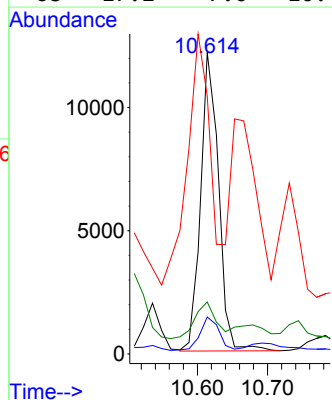
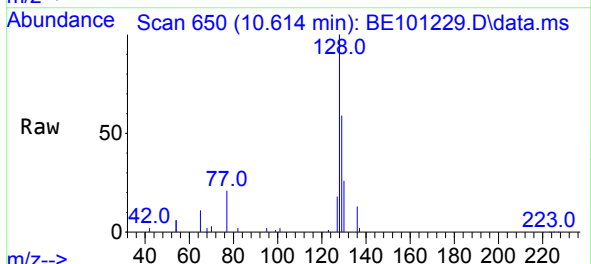
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ClientSampleId :
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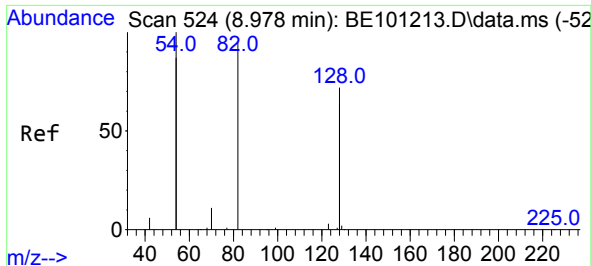
Tgt Ion: 99 Resp: 2065
Ion Ratio Lower Upper
99 100
42 131.9 18.5 27.7#
71 0.0 26.5 39.7#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion: 136 Resp: 21507
Ion Ratio Lower Upper
136 100
137 12.2 8.6 13.0
54 85.5 34.7 52.1#
68 17.2 7.0 10.4#

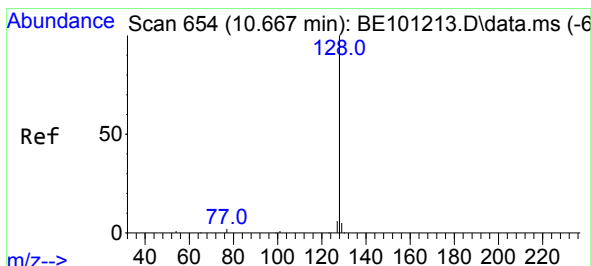
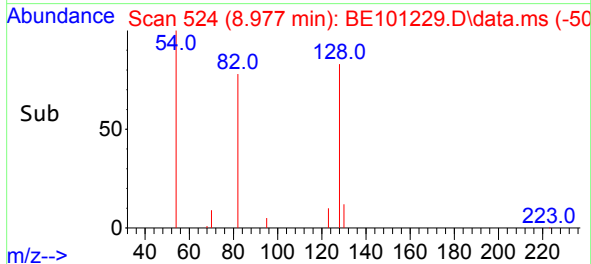
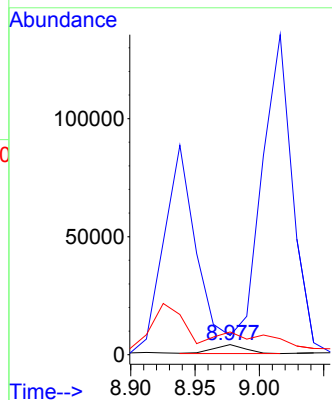
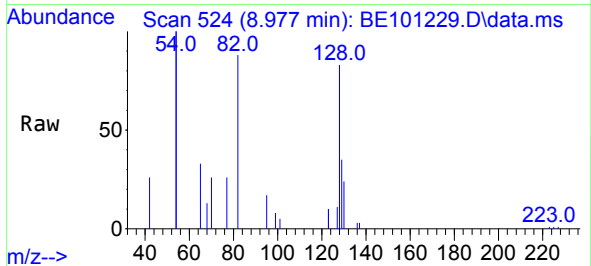




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

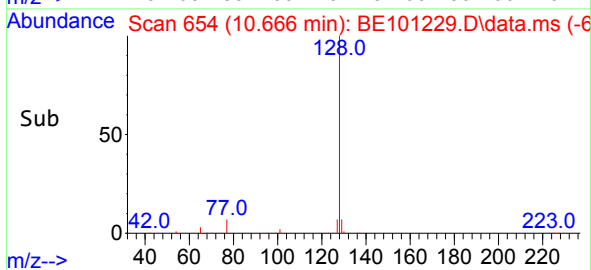
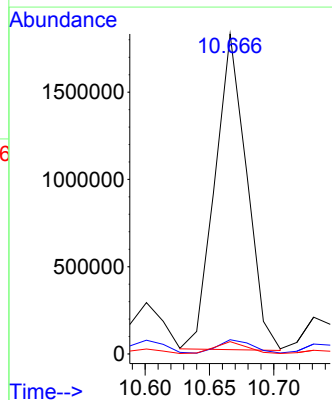
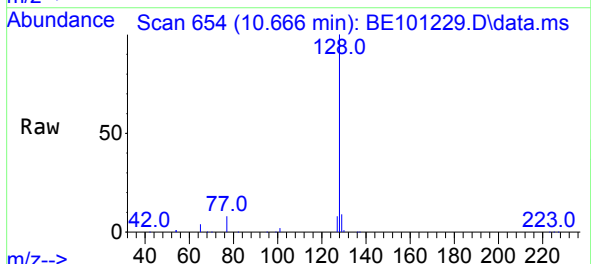
Instrument :
BNA_E
ClientSampleId :
BES-12SR

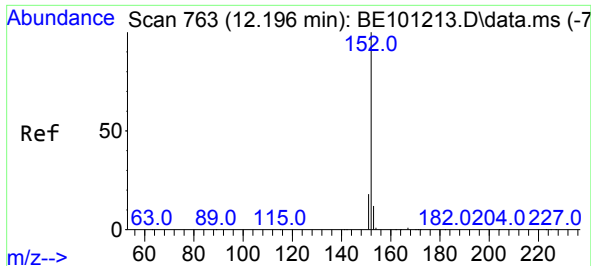
Tgt Ion: 82 Resp: 6295
Ion Ratio Lower Upper
82 100
128 188.3 118.7 178.1#
54 226.2 164.4 246.6



#9
Naphthalene
Concen: 13.29 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion: 128 Resp: 3106947
Ion Ratio Lower Upper
128 100
129 4.5 2.2 3.4#
127 3.8 2.6 3.8

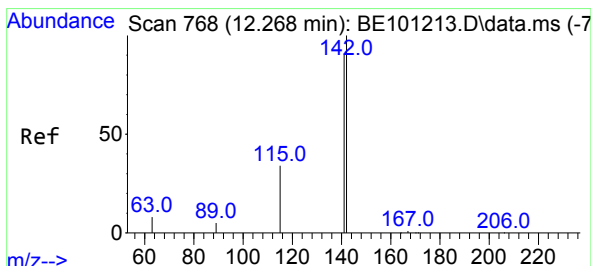
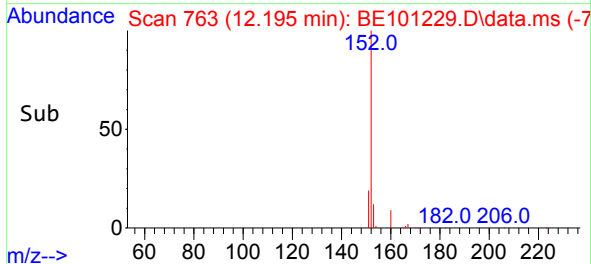
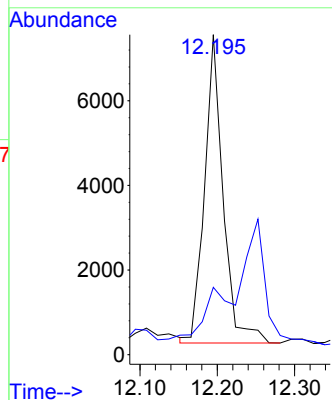
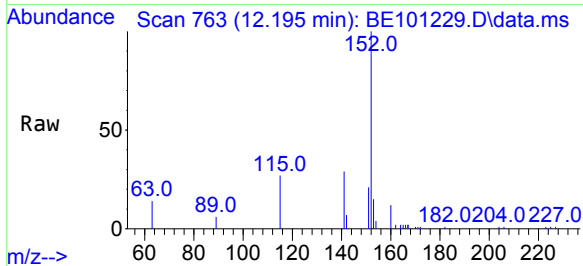




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

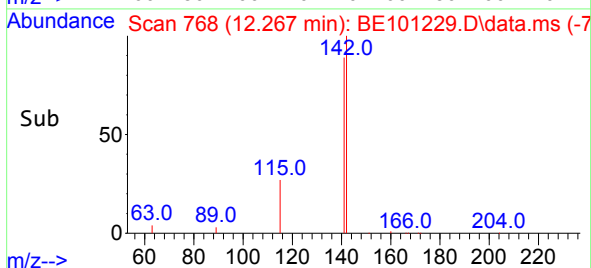
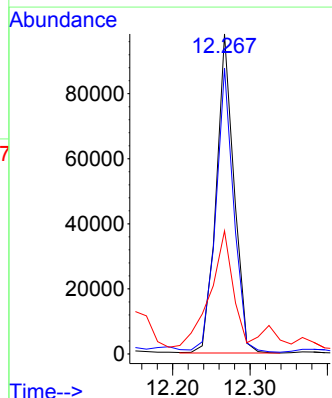
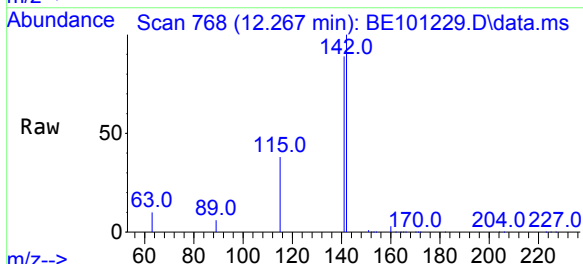
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ClientSampleId :
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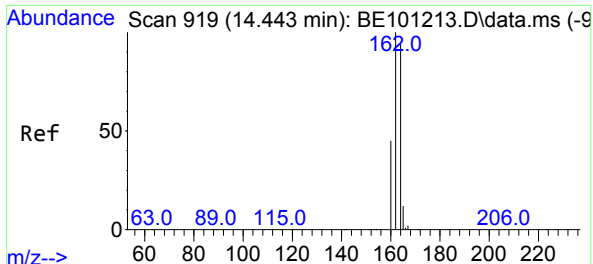
Tgt Ion:152 Resp: 12130
Ion Ratio Lower Upper
152 100
151 0.0 16.5 24.7#



#12
2-Methylnaphthalene
Concen: 3.74 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:142 Resp: 157166
Ion Ratio Lower Upper
142 100
141 89.3 73.0 109.6
115 38.4 27.8 41.8

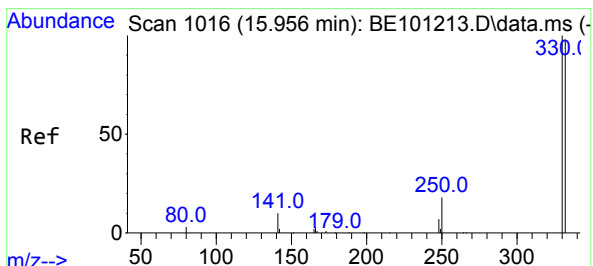
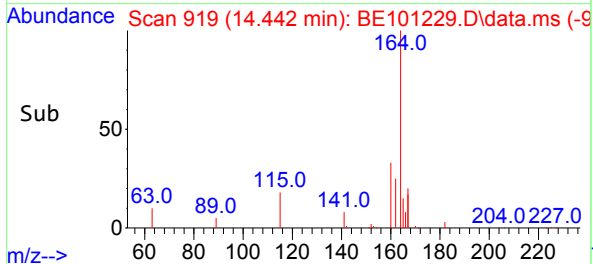
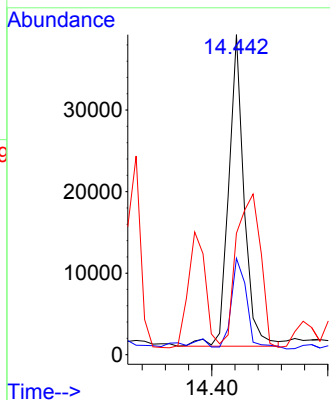
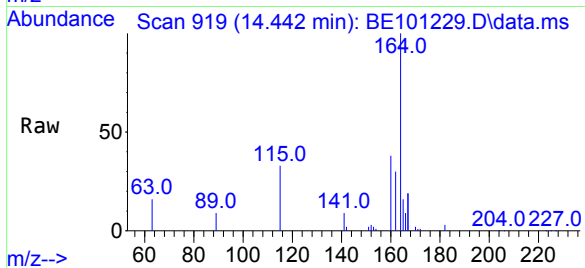




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

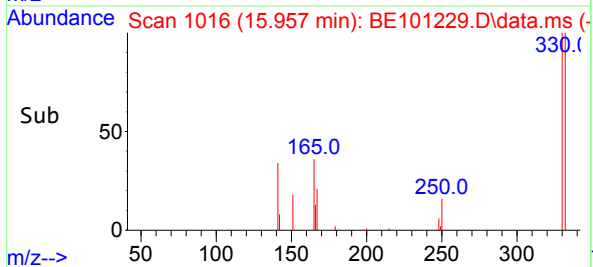
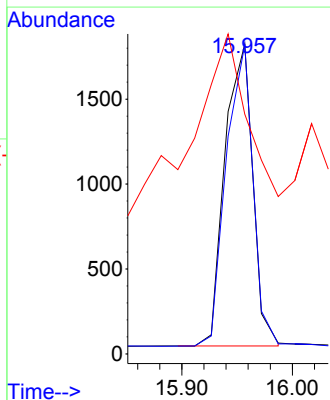
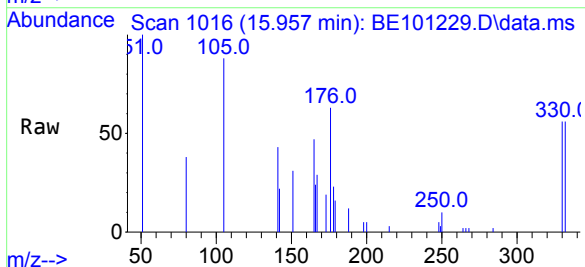
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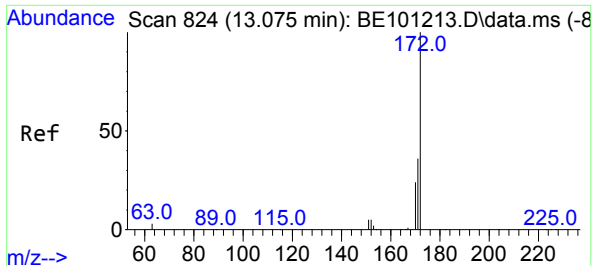
Tgt Ion:164 Resp: 70918
Ion Ratio Lower Upper
164 100
162 30.1 85.3 127.9#
160 38.0 39.1 58.7#



#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:330 Resp: 3112
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.6
141 77.5 30.4 45.6#

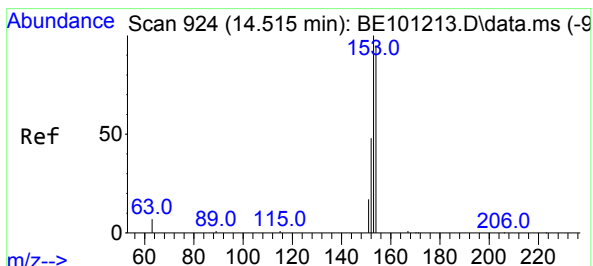
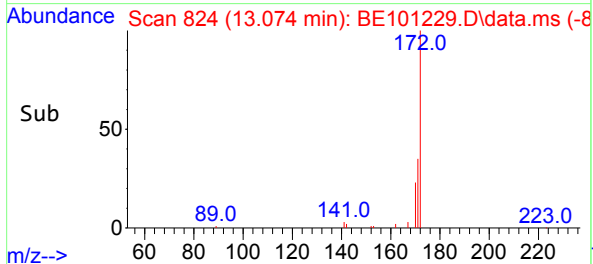
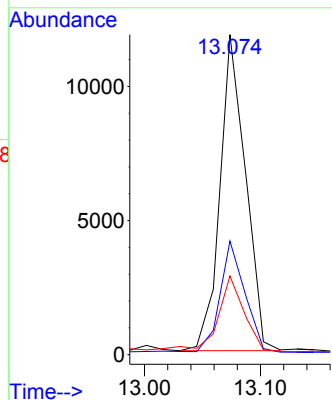
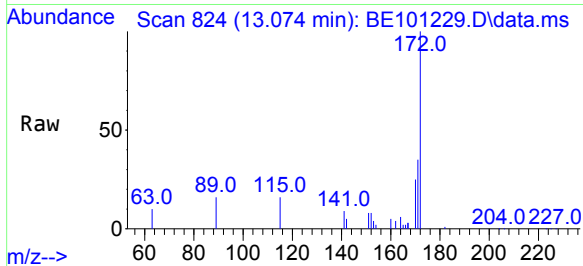




#15
2-Fluorobiphenyl
Concen: 0.07 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

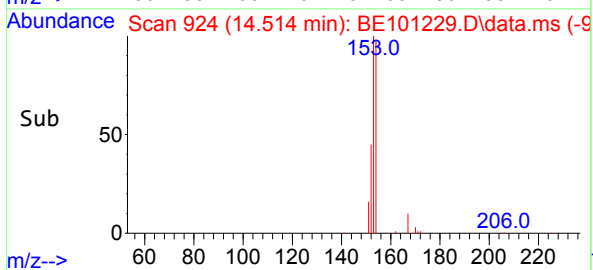
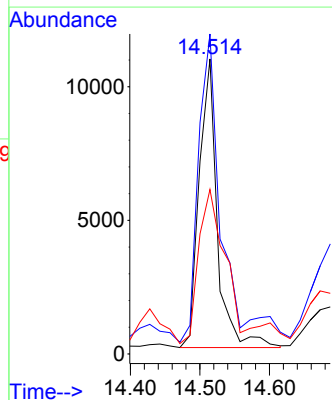
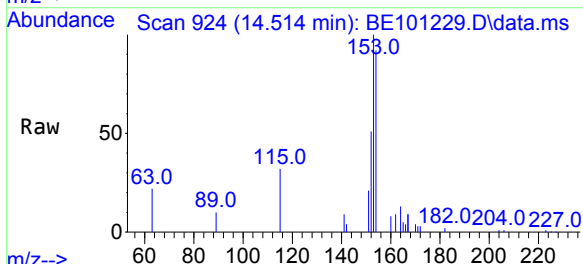
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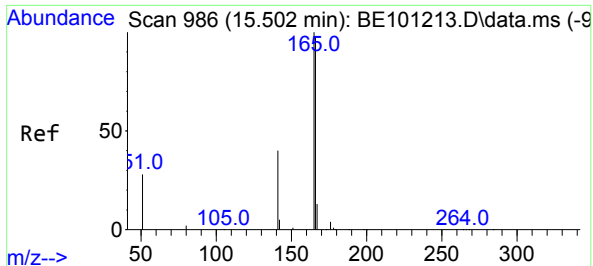
Tgt Ion:	172	Resp:	18052
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	24.6	19.3	28.9



#17
Acenaphthene
Concen: 0.09 ng
RT: 14.514 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:	154	Resp:	19541
Ion	Ratio	Lower	Upper
154	100		
153	126.6	84.9	127.3
152	78.8	42.7	64.1#

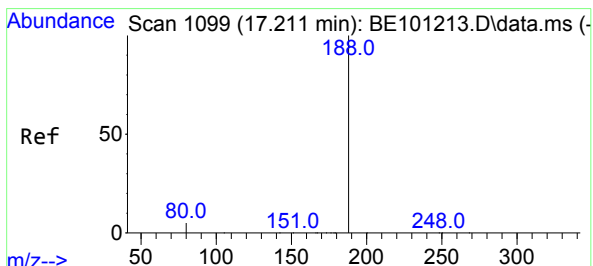
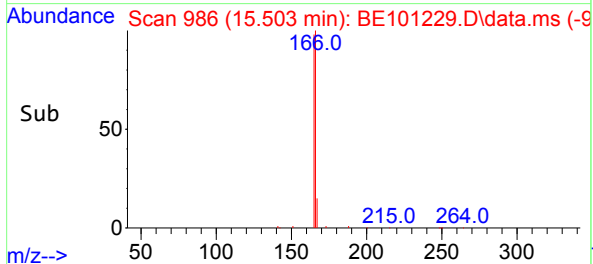
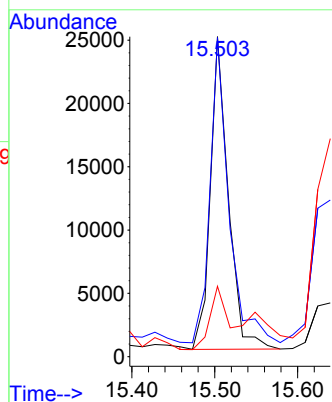
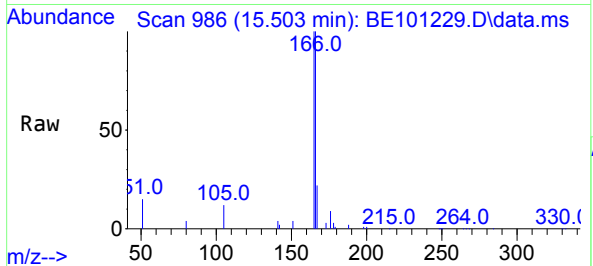




#18
Fluorene
Concen: 0.13 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

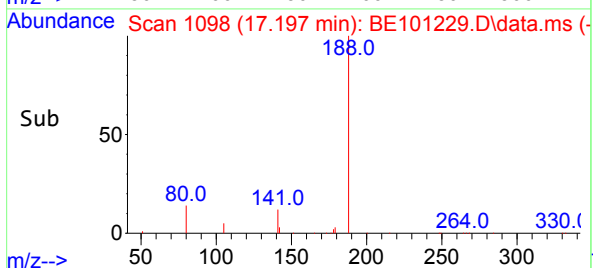
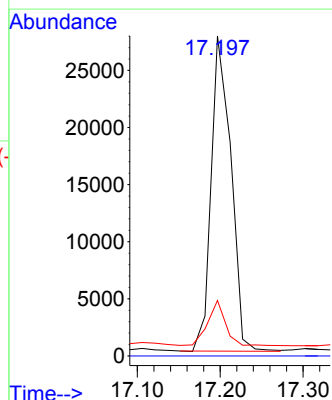
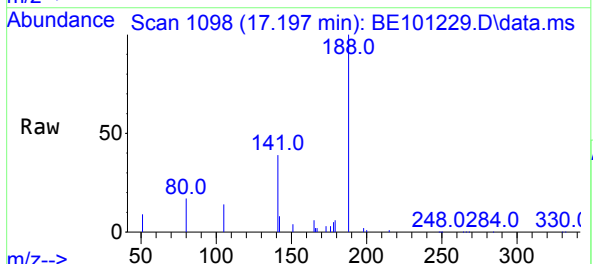
Instrument :
BNA_E
ClientSampled :
BES-12SR

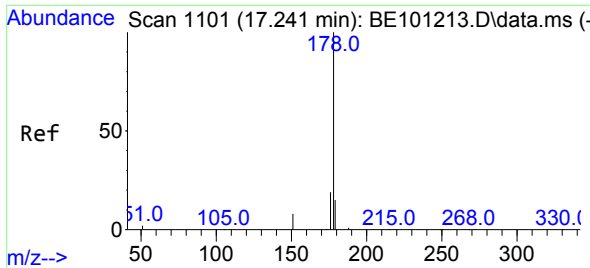
Tgt Ion:166 Resp: 37087
Ion Ratio Lower Upper
166 100
165 103.9 79.0 118.4
167 23.5 11.0 16.4#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.197 min Scan# 1098
Delta R.T. -0.013 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:188 Resp: 45659
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.4 4.6 6.8#

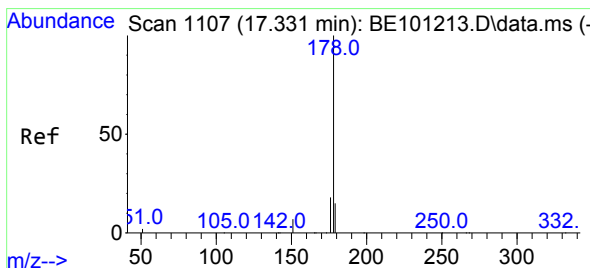
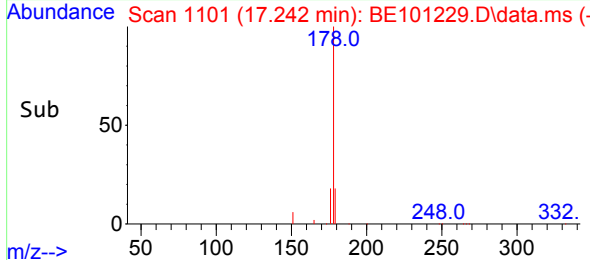
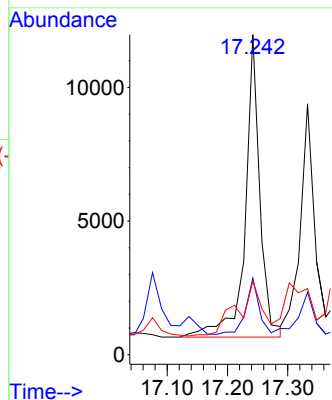
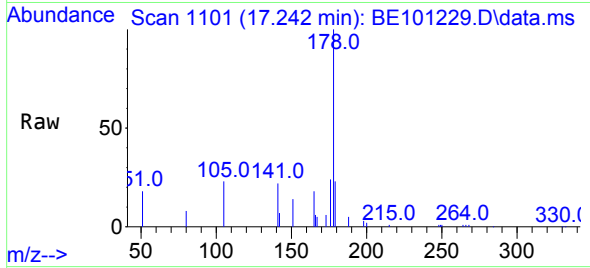




#25
Phenanthrene
Concen: 0.14 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

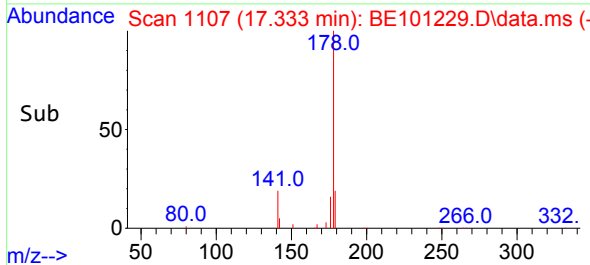
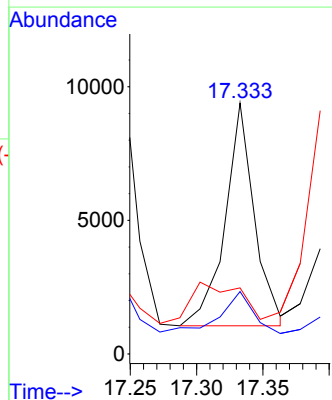
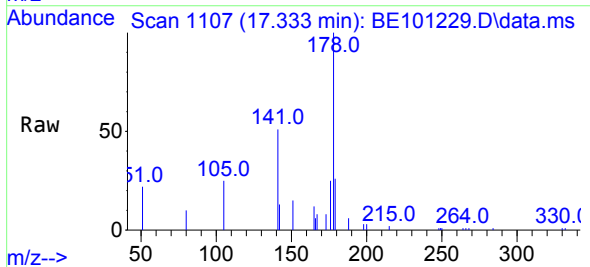
Instrument :
BNA_E
ClientSampleId :
BES-12SR

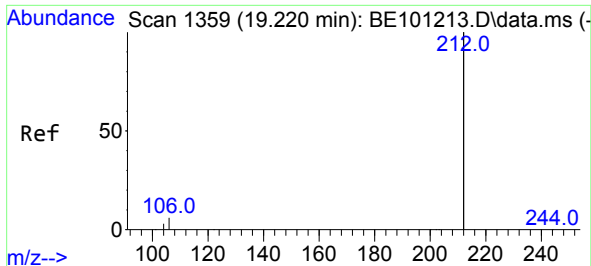
Tgt Ion:178 Resp: 19141
Ion Ratio Lower Upper
178 100
176 16.5 15.0 22.6
179 30.8 12.2 18.4#



#26
Anthracene
Concen: 0.11 ng
RT: 17.333 min Scan# 1107
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:178 Resp: 12823
Ion Ratio Lower Upper
178 100
176 21.3 14.4 21.6
179 0.0 11.8 17.8#

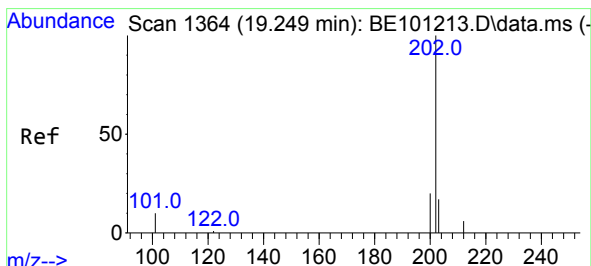
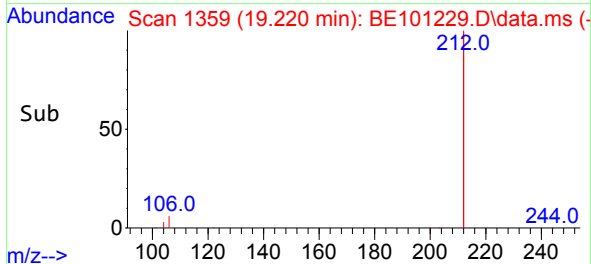
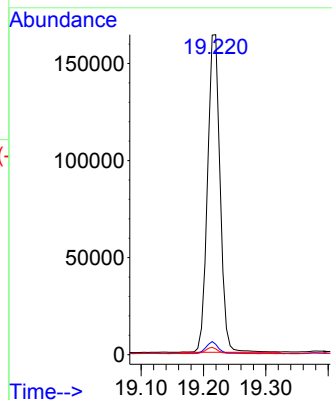
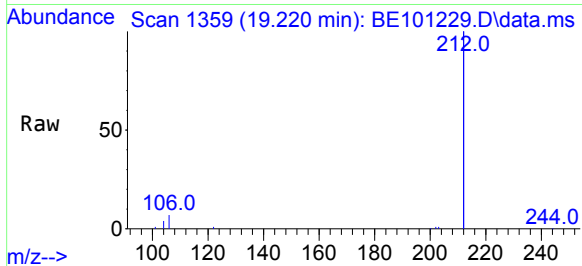




#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.220 min Scan# 1359
Delta R.T. 0.005 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

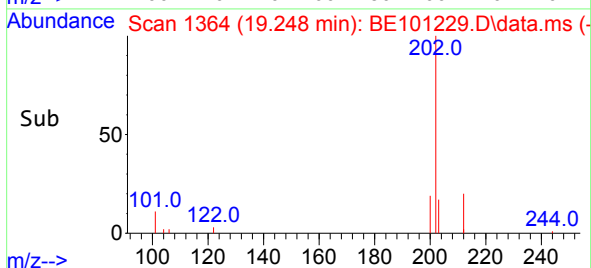
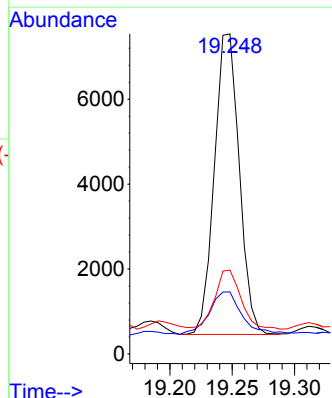
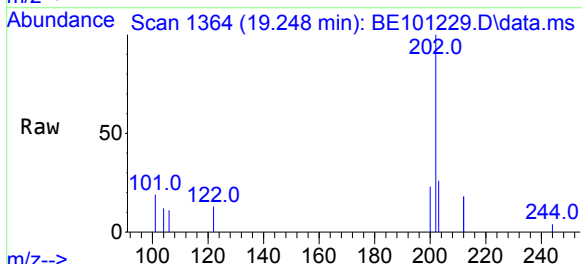
Instrument :
BNA_E
ClientSampleId :
BES-12SR

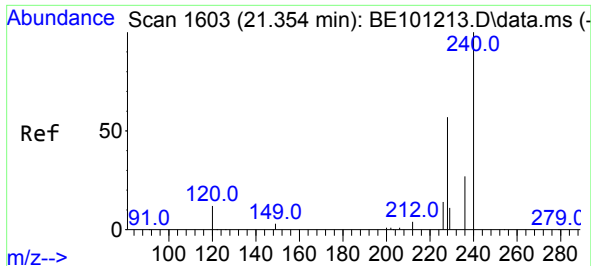
Tgt Ion:212 Resp: 228984
Ion Ratio Lower Upper
212 100
106 3.6 2.6 4.0
104 2.2 1.4 2.2#



#28
Fluoranthene
Concen: 0.06 ng
RT: 19.248 min Scan# 1364
Delta R.T. 0.005 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:202 Resp: 9831
Ion Ratio Lower Upper
202 100
101 18.4 9.1 13.7#
203 20.7 13.6 20.4#

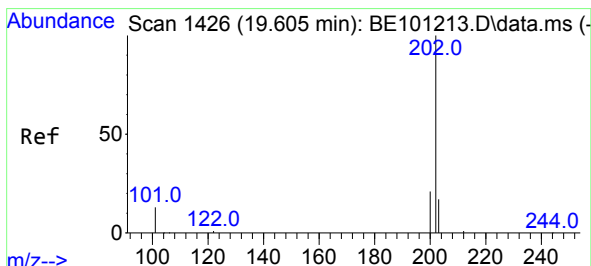
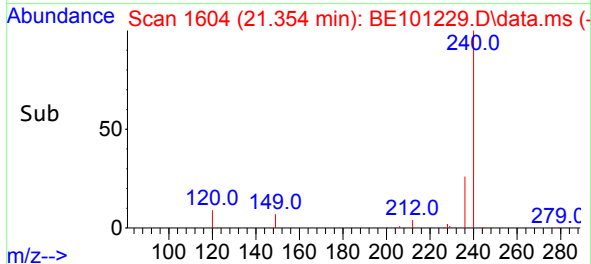
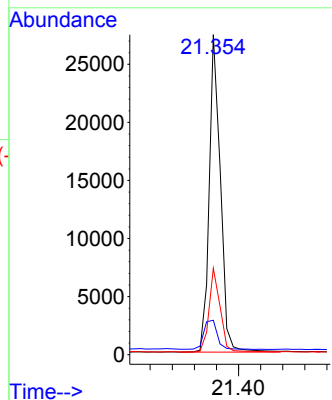
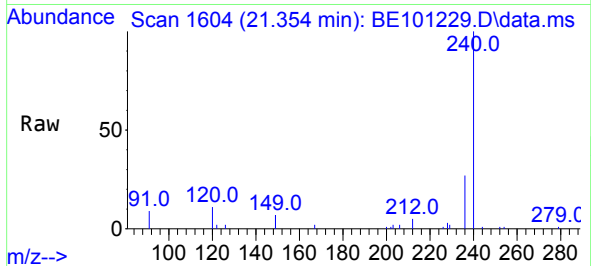




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

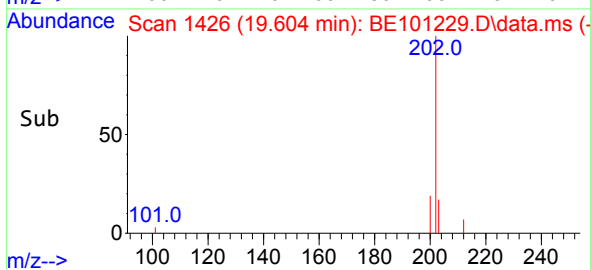
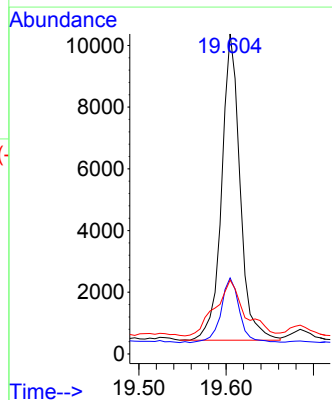
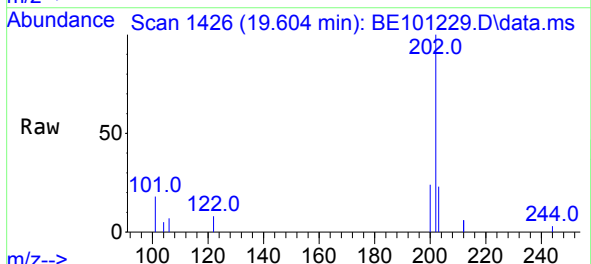
Instrument :
BNA_E
ClientSampleId :
BES-12SR

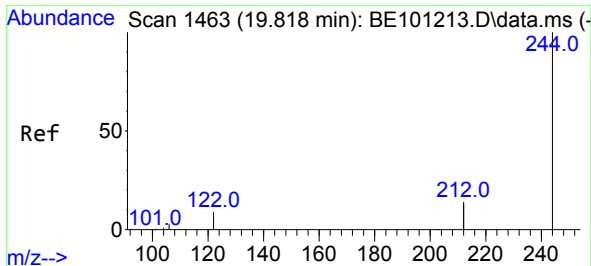
Tgt Ion:240 Resp: 38351
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.4
236 27.0 21.7 32.5



#30
Pyrene
Concen: 0.10 ng
RT: 19.604 min Scan# 1426
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:202 Resp: 14526
Ion Ratio Lower Upper
202 100
200 21.5 16.6 24.8
203 28.9 13.8 20.8#

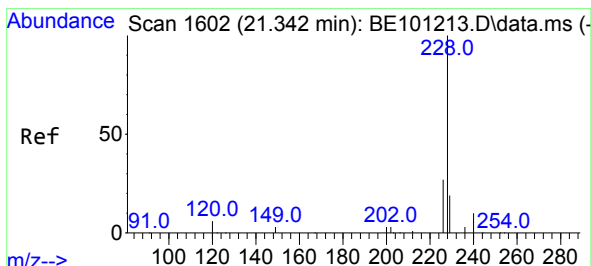
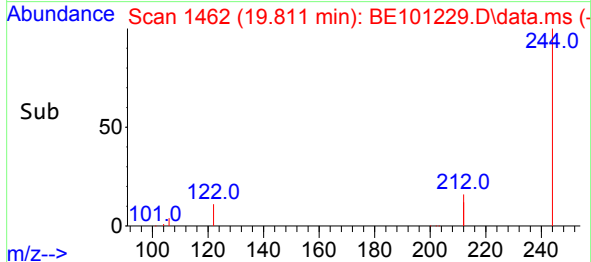
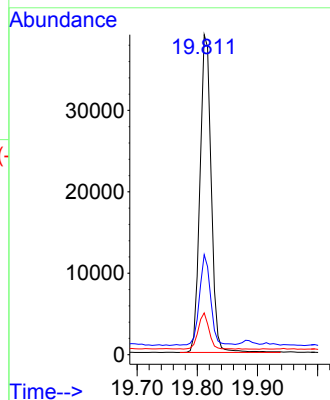
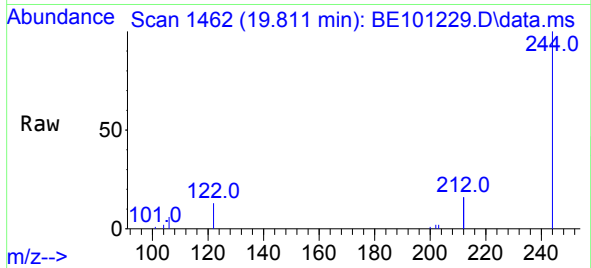




#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.811 min Scan# 1462
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

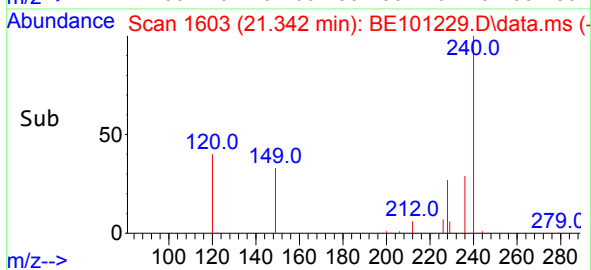
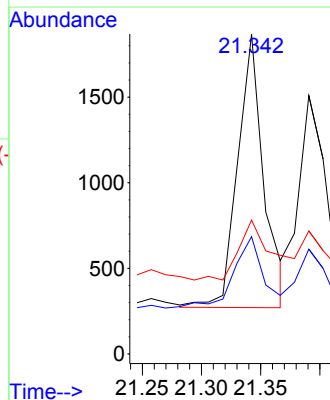
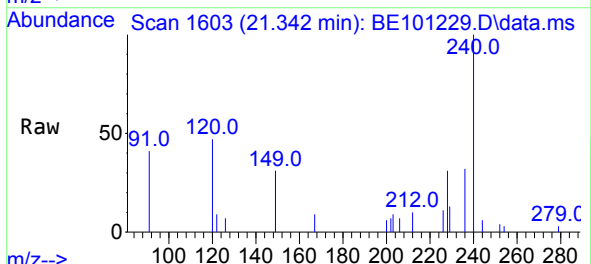
Instrument :
BNA_E
ClientSampleId :
BES-12SR

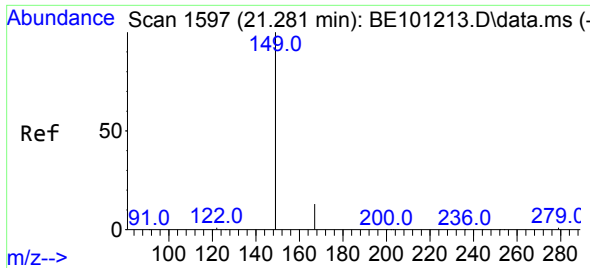
Tgt Ion:244 Resp: 50664
Ion Ratio Lower Upper
244 100
212 31.2 21.9 32.9
122 13.0 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.342 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:228 Resp: 2460
Ion Ratio Lower Upper
228 100
226 36.7 21.4 32.2#
229 41.8 15.7 23.5#

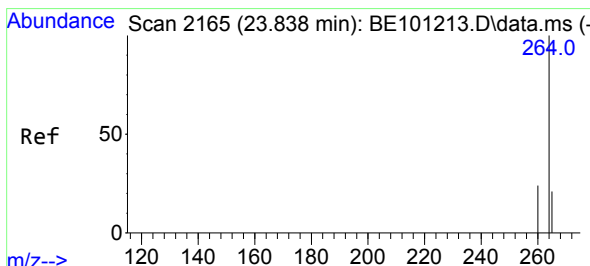
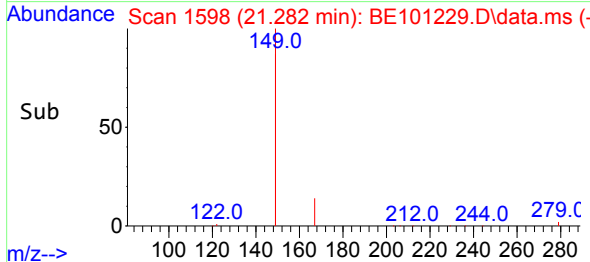
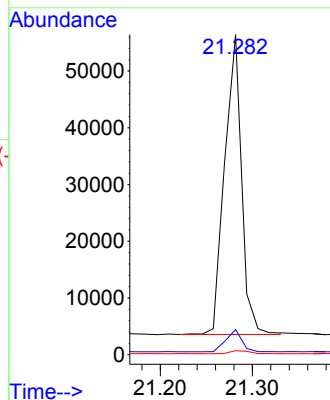
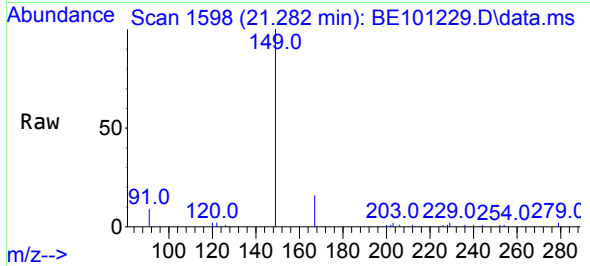




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.87 ng
RT: 21.282 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Instrument :
BNA_E
ClientSampleId :
BES-12SR

Tgt Ion:149 Resp: 67625
Ion Ratio Lower Upper
149 100
167 6.9 5.5 8.3
279 1.2 1.0 1.4



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.830 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:264 Resp: 31180
Ion Ratio Lower Upper
264 100
260 25.1 19.3 28.9
265 26.2 22.4 33.6

