

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101261.D
 Acq On : 9 Apr 2021 4:31
 Operator : CG/JU
 Sample : M1967-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB 2021-04-06 SED

Quant Time: Apr 09 05:14:48 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)

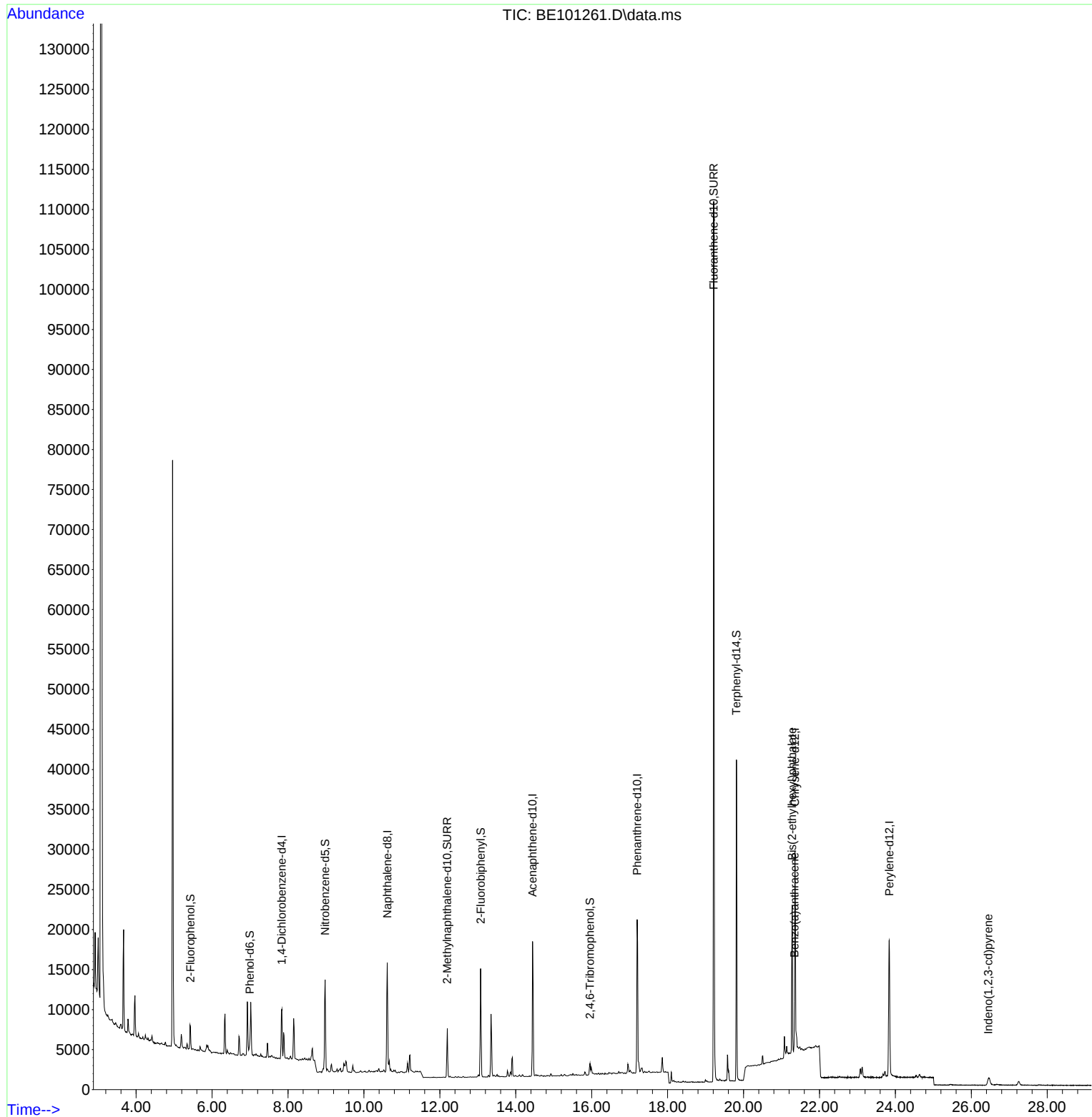
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	3108	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	14262	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	10506	0.40	ng	0.00
19) Phenanthrene-d10	17.195	188	31138	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	25768	0.40	ng	0.00
36) Perylene-d12	23.838	264	25679	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1509	0.21	ng	0.00
5) Phenol-d6	6.997	99	1370	0.12	ng	0.00
8) Nitrobenzene-d5	8.979	82	4345	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	7504	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.955	330	867	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.075	172	11795	0.31	ng	0.00
27) Fluoranthene-d10	19.215	212	142793	0.26	ng	0.00
31) Terphenyl-d14	19.812	244	36604	0.53	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.342	228	1542	0.02	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.281	149	22598	0.43	ng	99
35) Indeno(1,2,3-cd)pyrene	26.445	276	1538	0.02	ng	# 87

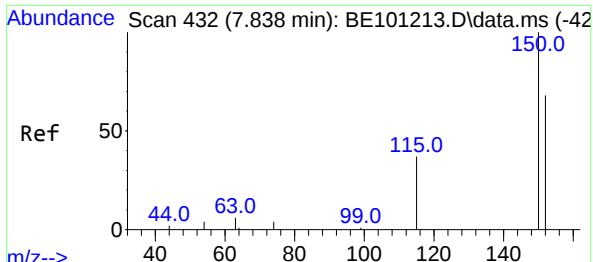
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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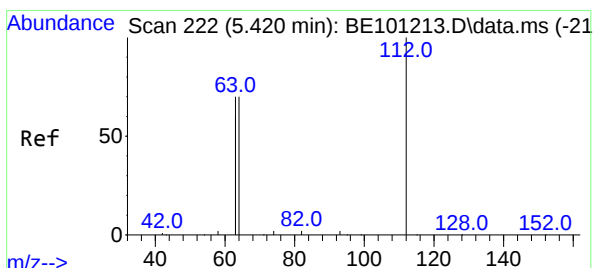
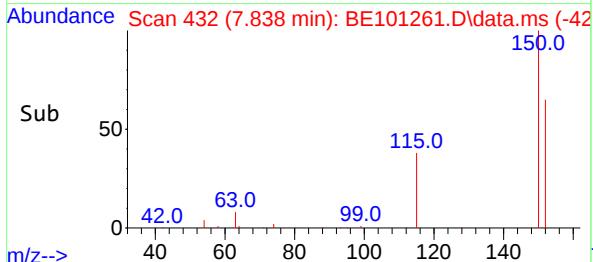
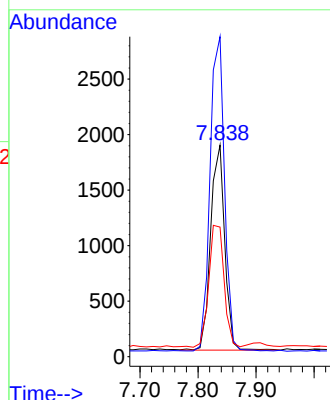
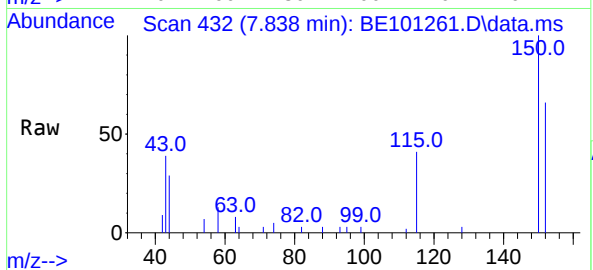




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. 0.008 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

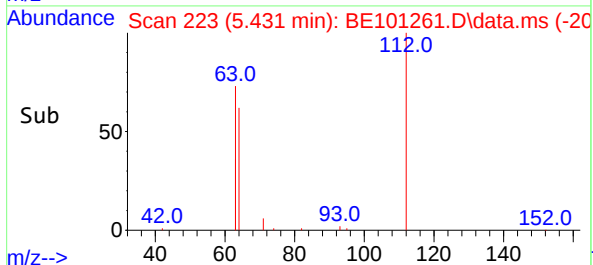
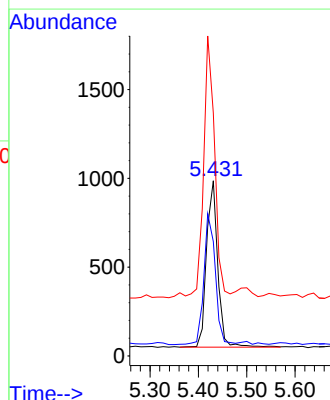
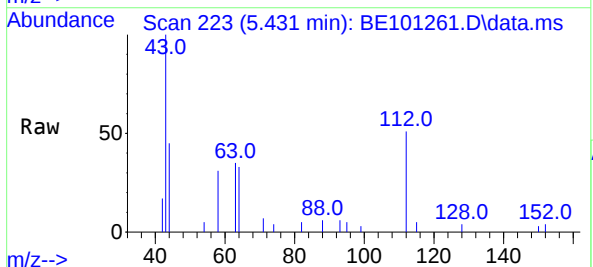
Instrument :
BNA_E
ClientSampleId :
EB_2021-04-06_SED

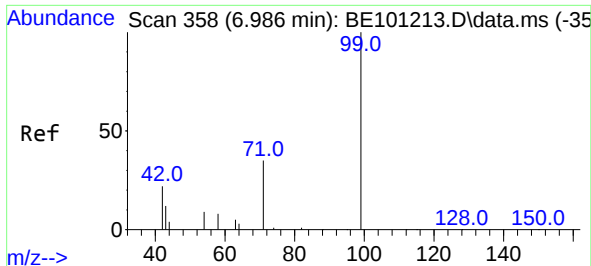
Tgt Ion:152 Resp: 3108
Ion Ratio Lower Upper
152 100
150 151.3 116.9 175.3
115 61.3 44.5 66.7



#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.431 min Scan# 223
Delta R.T. 0.008 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Tgt Ion:112 Resp: 1509
Ion Ratio Lower Upper
112 100
64 80.2 62.3 93.5
63 156.5 117.3 175.9

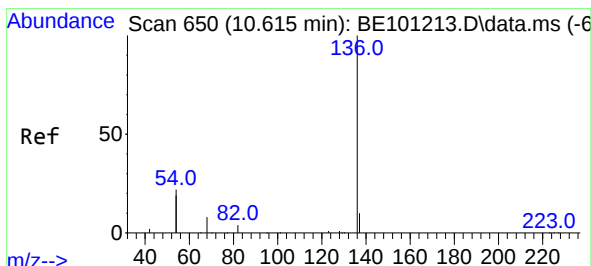
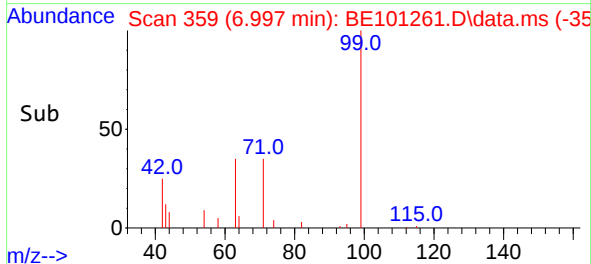
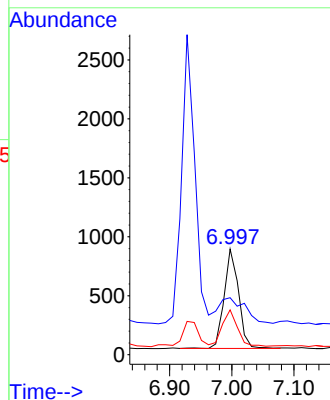
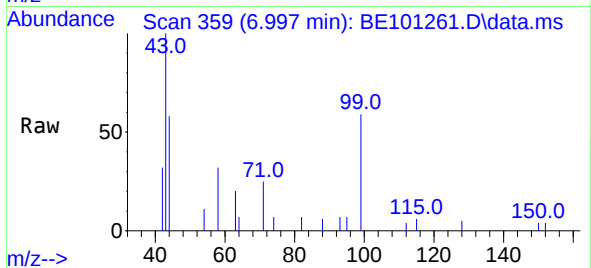




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.997 min Scan# 359
Delta R.T. 0.008 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

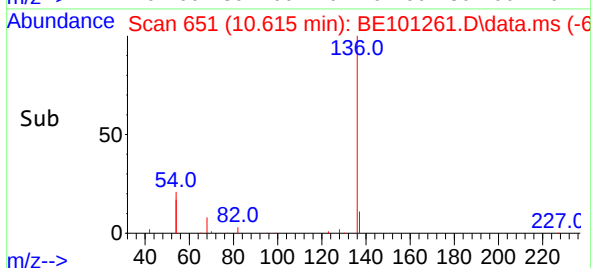
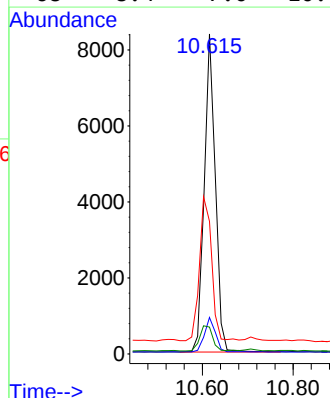
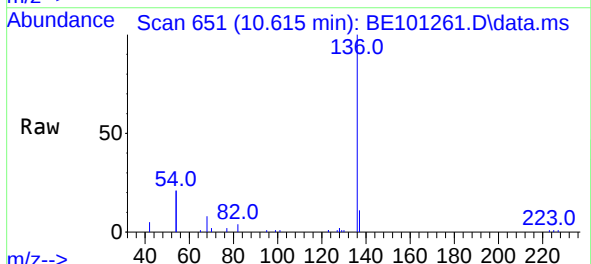
Instrument :
BNA_E
ClientSampleId :
EB_2021-04-06_SED

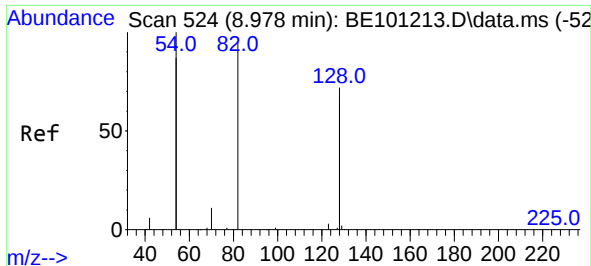
Tgt Ion: 99 Resp: 1370
Ion Ratio Lower Upper
99 100
42 41.4 18.5 27.7#
71 37.3 26.5 39.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 651
Delta R.T. 0.001 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Tgt Ion: 136 Resp: 14262
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 41.5 34.7 52.1
68 8.4 7.0 10.4

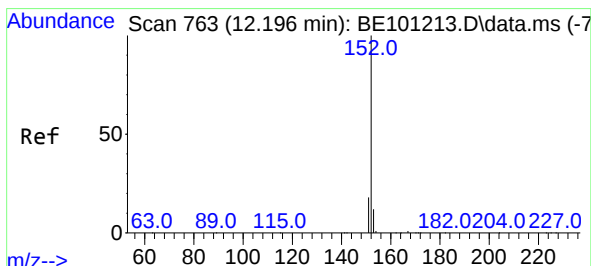
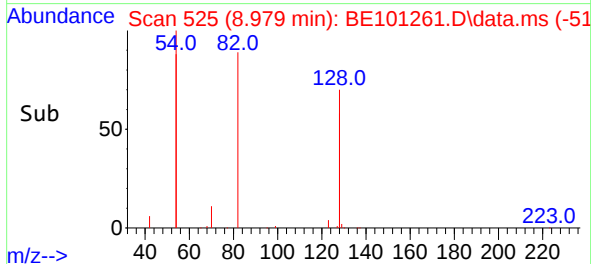
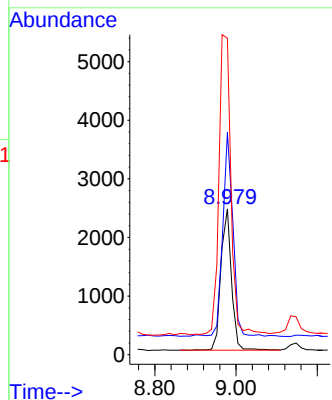
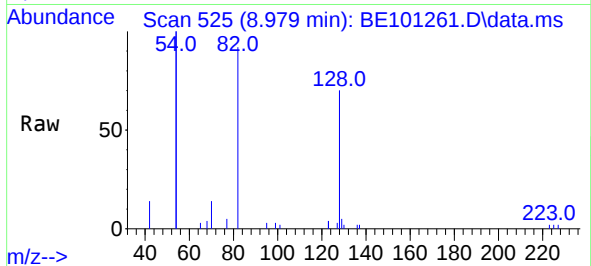




#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.979 min Scan# 525
Delta R.T. 0.001 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

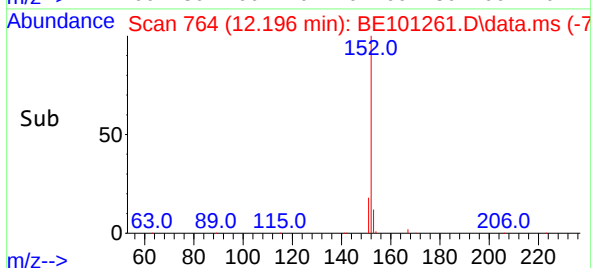
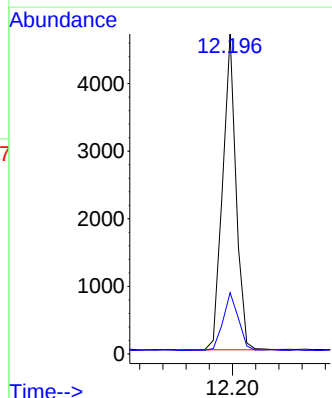
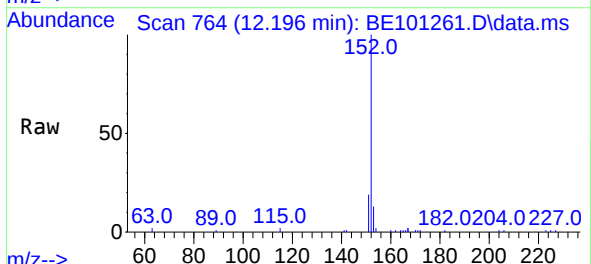
Instrument :
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ClientSampleId :
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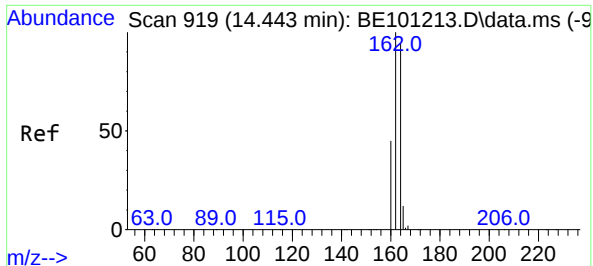
Tgt Ion: 82 Resp: 4345
Ion Ratio Lower Upper
82 100
128 152.6 118.7 178.1
54 217.1 164.4 246.6



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.196 min Scan# 764
Delta R.T. -0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Tgt Ion: 152 Resp: 7504
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7

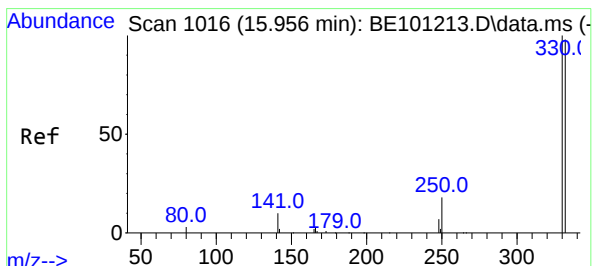
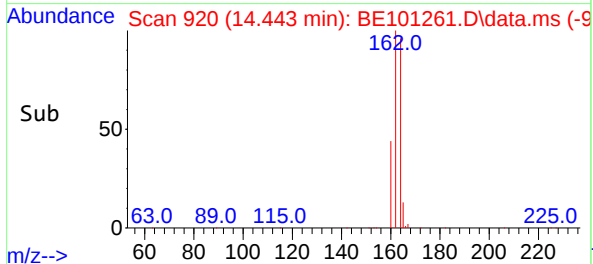
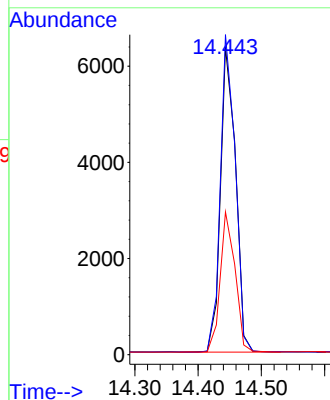
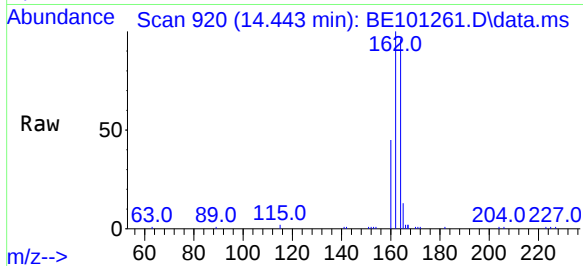




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

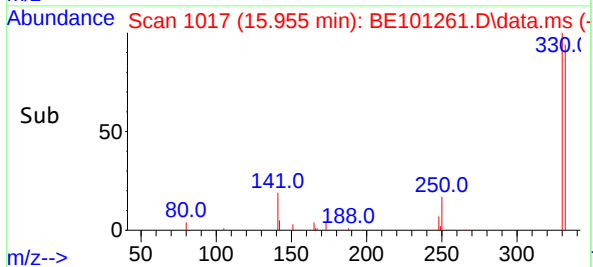
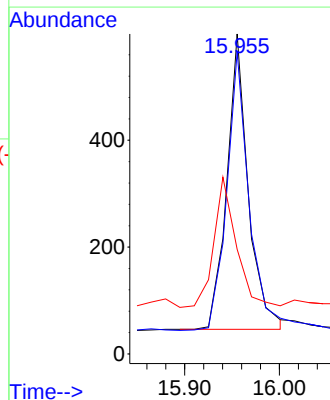
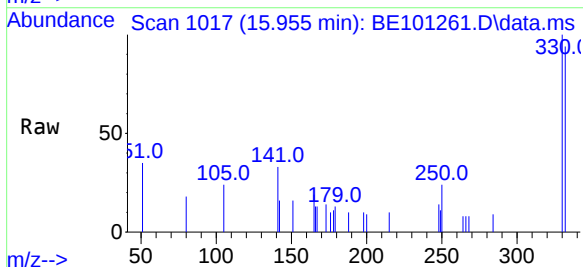
Instrument :
BNA_E
ClientSampleId :
EB_2021-04-06_SED

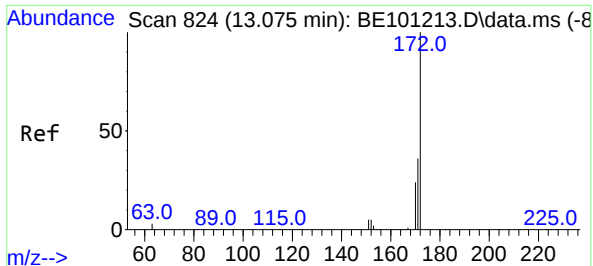
Tgt Ion:164 Resp: 10506
Ion Ratio Lower Upper
164 100
162 104.2 85.3 127.9
160 46.5 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.955 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Tgt Ion:330 Resp: 867
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.6
141 46.1 30.4 45.6#



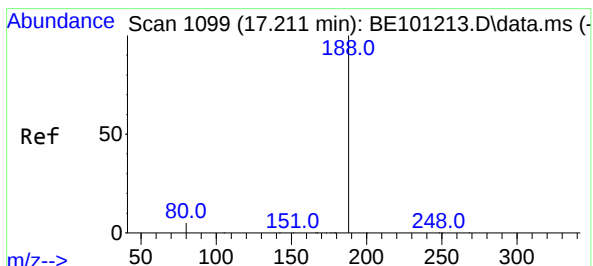
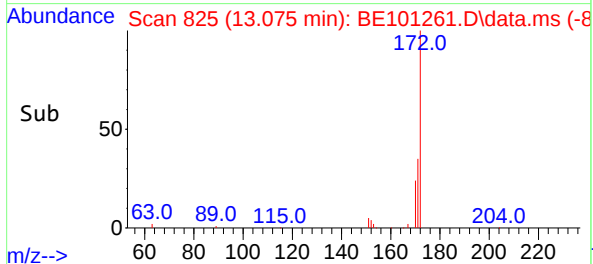
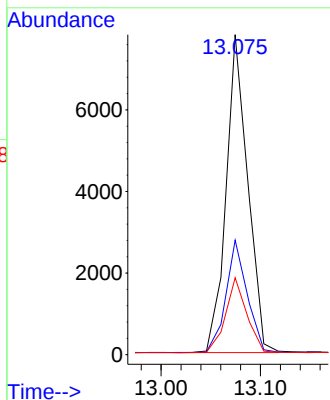
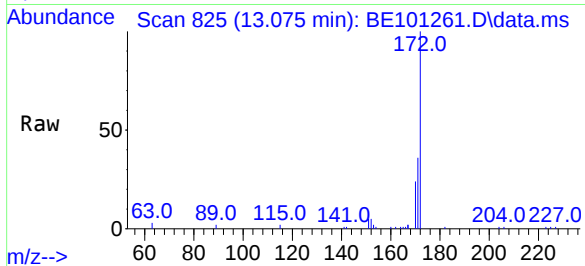


#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.075 min Scan# 825
Delta R.T. -0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Instrument :
BNA_E
ClientSampleId :
EB 2021-04-06 SED

Tgt Ion:172 Resp: 11795

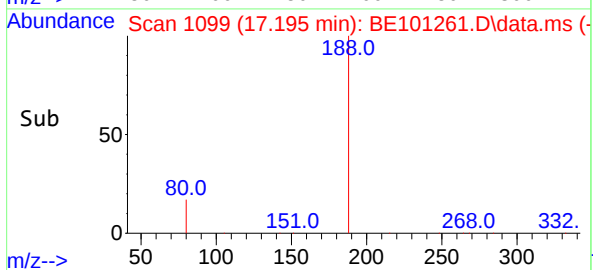
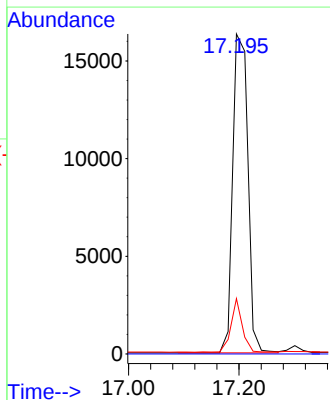
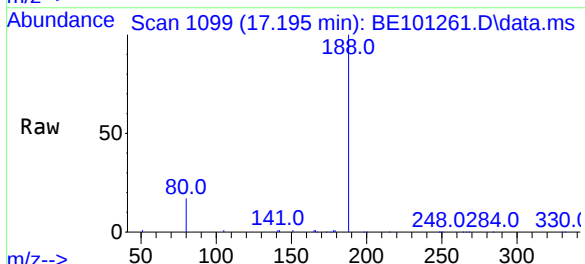
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	24.1	19.3	28.9

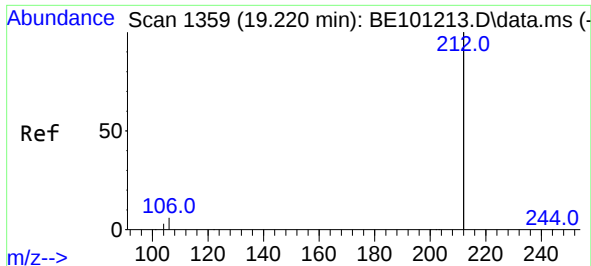


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.195 min Scan# 1099
Delta R.T. -0.015 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Tgt Ion:188 Resp: 31138

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.3	4.6	6.8

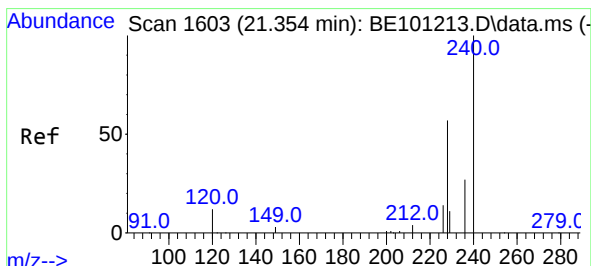
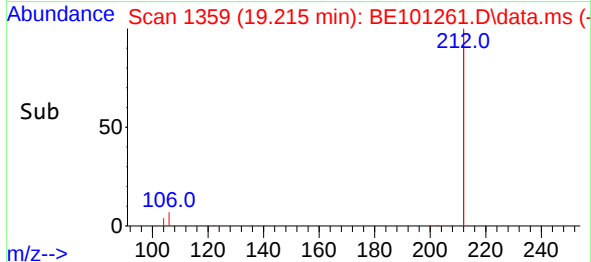
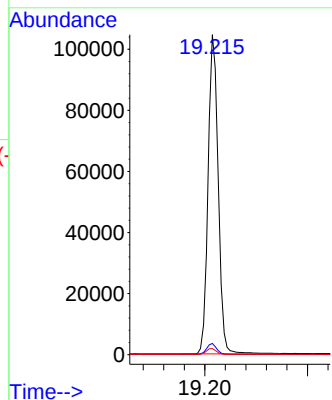
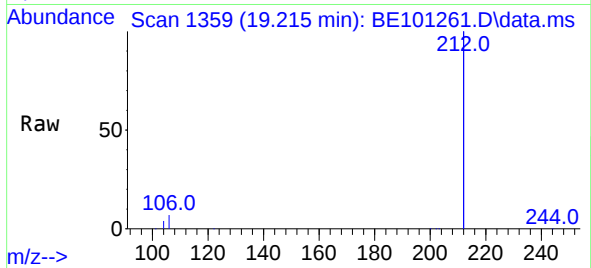




#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 19.215 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

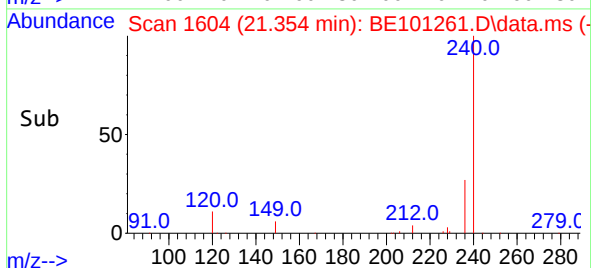
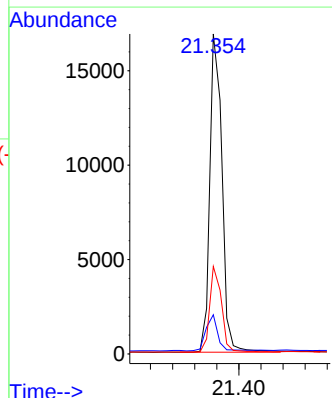
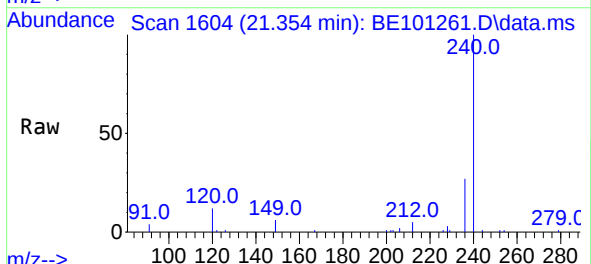
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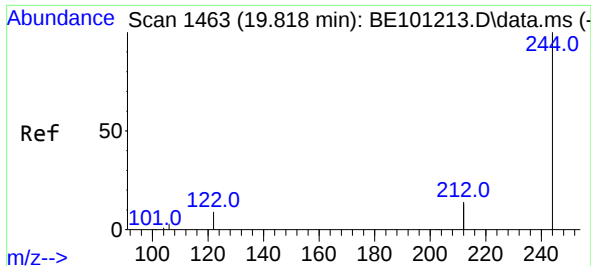
Tgt Ion:212 Resp: 142793
Ion Ratio Lower Upper
212 100
106 3.3 2.6 4.0
104 1.9 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Tgt Ion:240 Resp: 25768
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.4
236 27.4 21.7 32.5

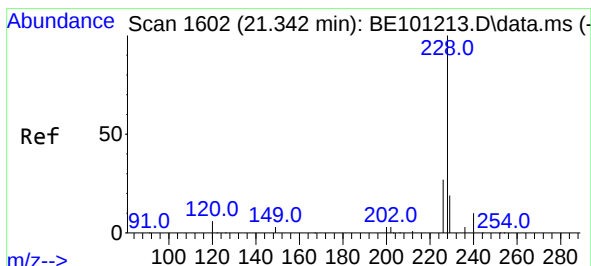
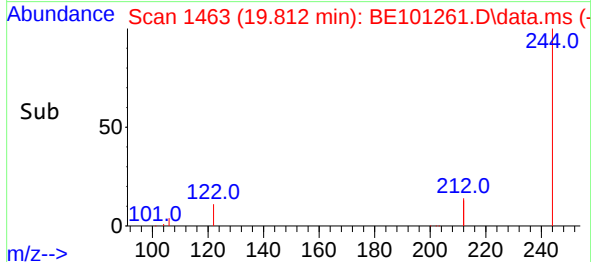
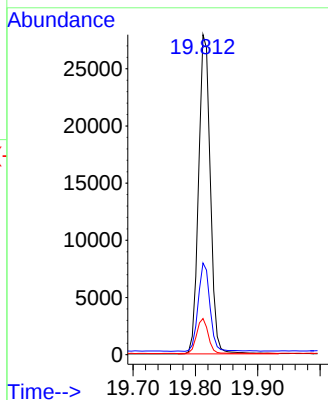
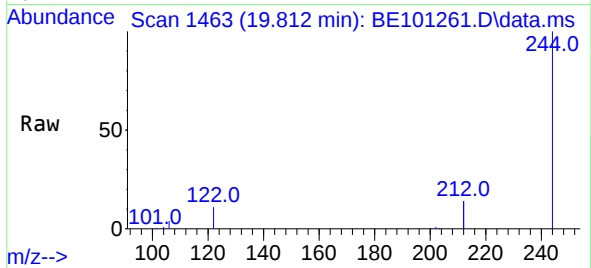




#31
Terphenyl-d14
Concen: 0.53 ng
RT: 19.812 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

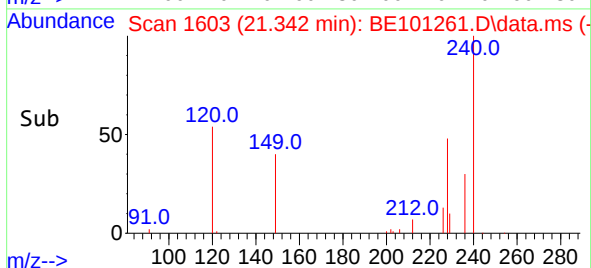
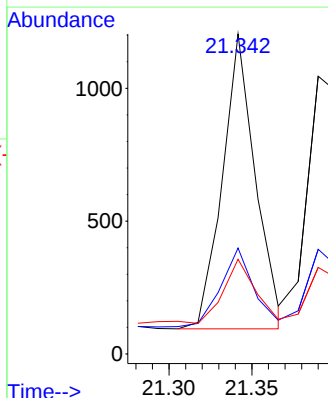
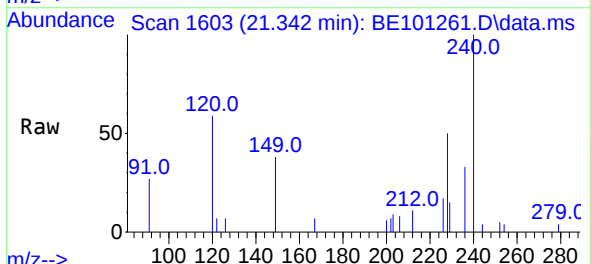
Instrument :
BNA_E
ClientSampleId :
EB_2021-04-06_SED

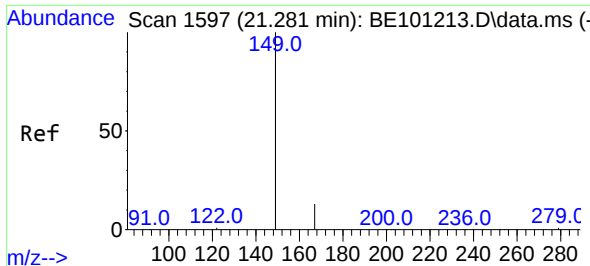
Tgt Ion:244 Resp: 36604
Ion Ratio Lower Upper
244 100
212 28.6 21.9 32.9
122 11.3 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.342 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Tgt Ion:228 Resp: 1542
Ion Ratio Lower Upper
228 100
226 33.1 21.4 32.2#
229 29.6 15.7 23.5#

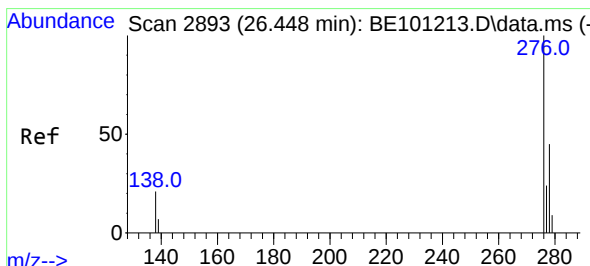
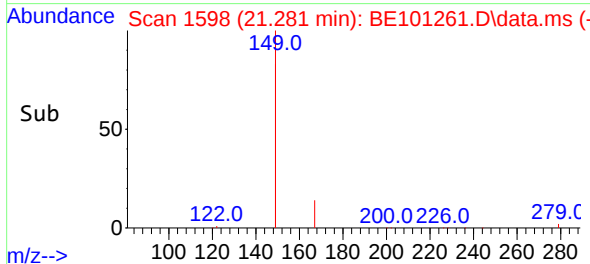
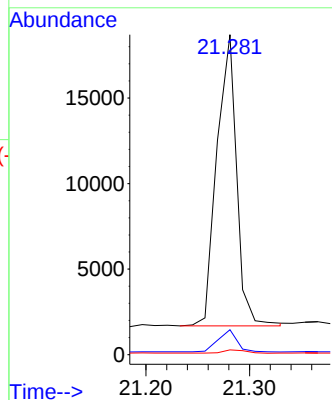
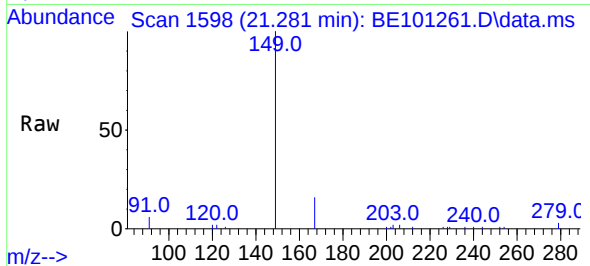




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.281 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

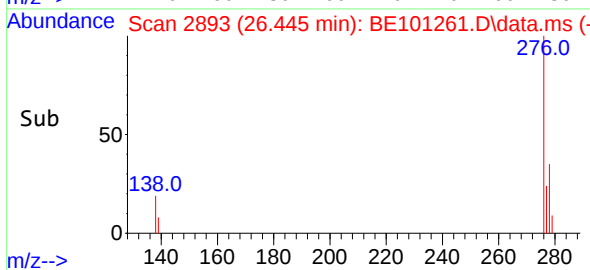
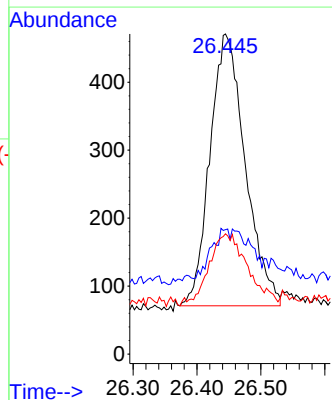
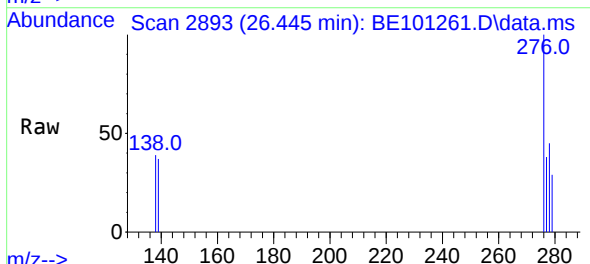
Instrument :
BNA_E
ClientSampleId :
EB 2021-04-06_SED

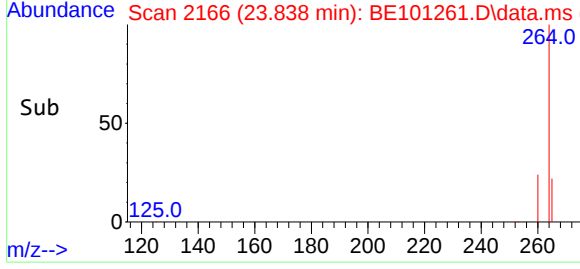
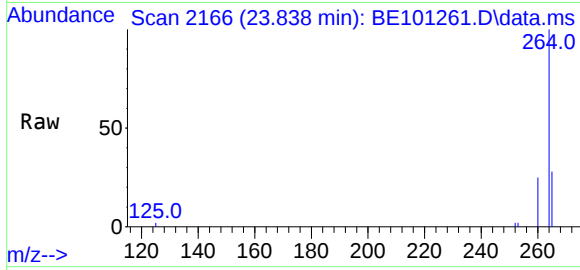
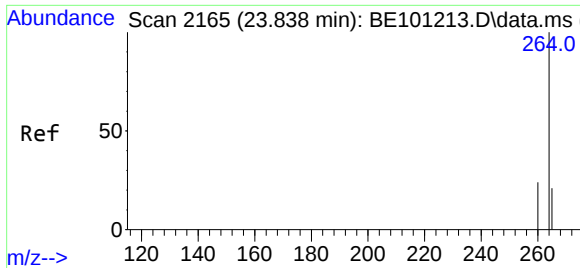
Tgt Ion:149 Resp: 22598
Ion Ratio Lower Upper
149 100
167 7.2 5.5 8.3
279 1.2 1.0 1.4



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 26.445 min Scan# 2893
Delta R.T. -0.000 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

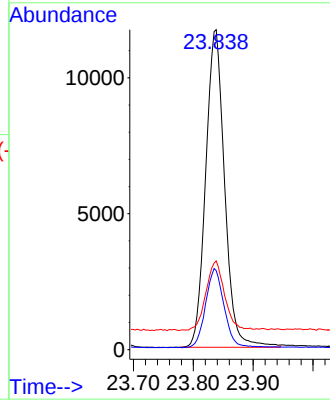
Tgt Ion:276 Resp: 1538
Ion Ratio Lower Upper
276 100
138 9.4 17.4 26.0#
277 24.4 19.8 29.8





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.838 min Scan# 2166
Delta R.T. 0.004 min
Lab File: BE101261.D
Acq: 9 Apr 2021 4:31

Tgt Ion:264	Resp:	25679
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.3 28.9
265	27.7	22.4 33.6



Instrument :
BNA_E
ClientSampleId :
EB 2021-04-06 SED