

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040821\
 Data File : BE101263.D
 Acq On : 9 Apr 2021 5:46
 Operator : CG/JU
 Sample : M1967-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Apr 09 06:34:43 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

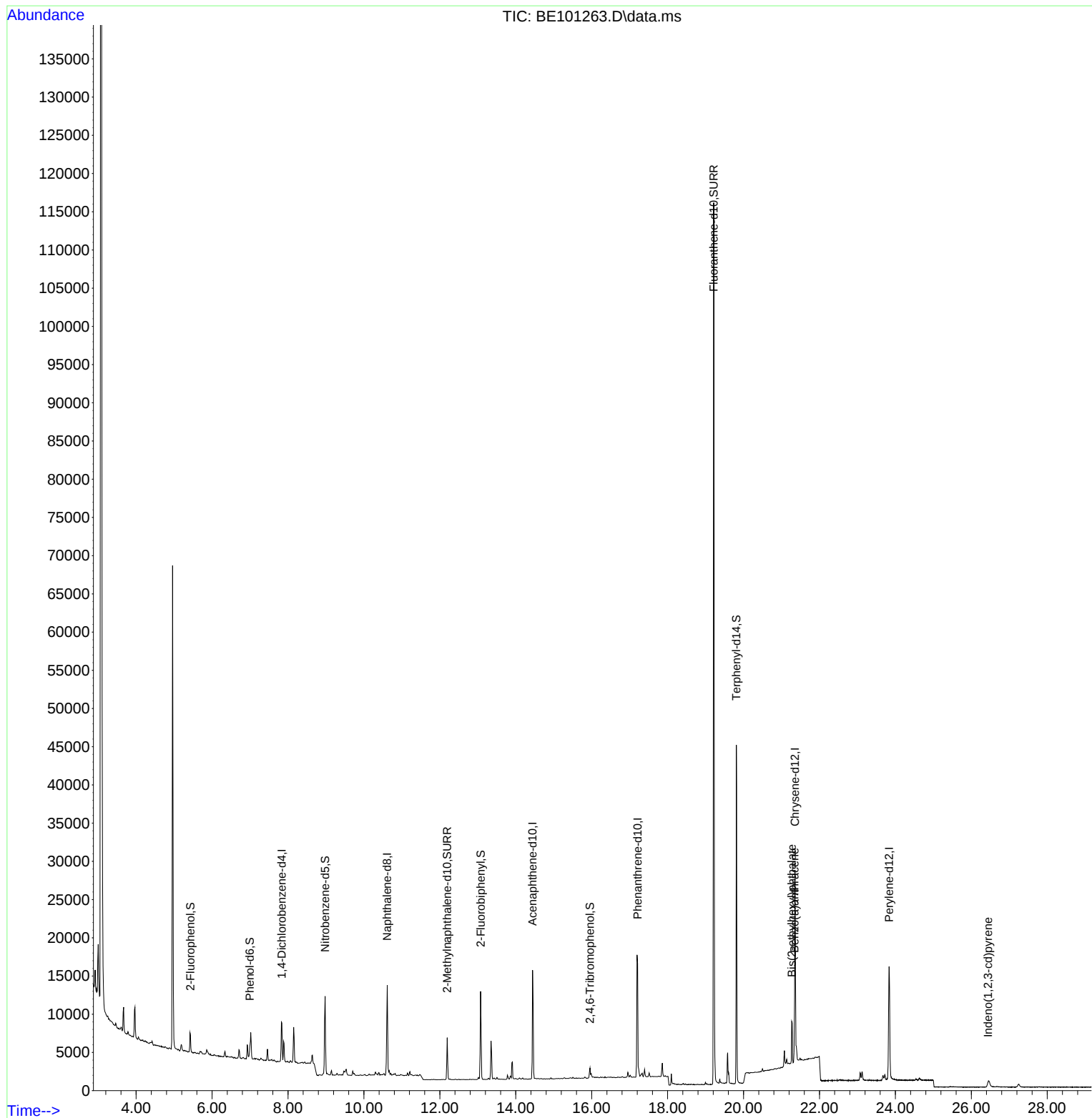
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	2683	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	12006	0.40	ng	0.00
13) Acenaphthene-d10	14.443	164	8890	0.40	ng	0.00
19) Phenanthrene-d10	17.210	188	27280	0.40	ng	0.00
29) Chrysene-d12	21.355	240	24871	0.40	ng	# 0.00
36) Perylene-d12	23.834	264	23558	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1282	0.20	ng	0.00
5) Phenol-d6	6.997	99	1189	0.12	ng	0.00
8) Nitrobenzene-d5	8.978	82	3798	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.196	152	6605	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	788	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.075	172	10461	0.33	ng	0.00
27) Fluoranthene-d10	19.214	212	146056	0.31	ng	0.00
31) Terphenyl-d14	19.812	244	38755	0.58	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.343	228	1450	0.02	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.270	149	8288	0.16	ng	99
35) Indeno(1,2,3-cd)pyrene	26.441	276	1346	0.02	ng	96

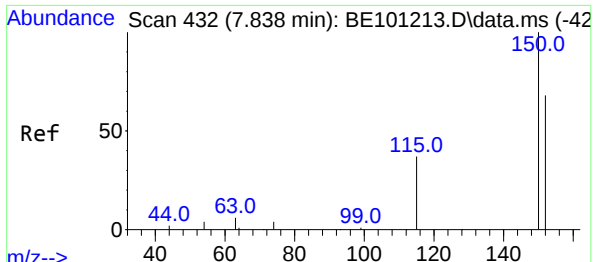
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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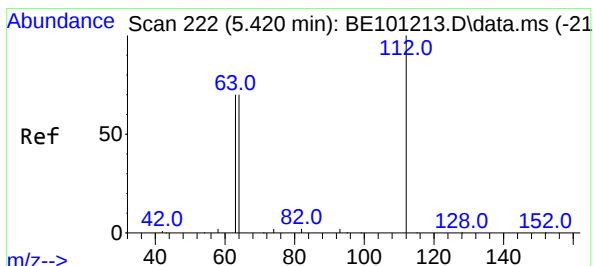
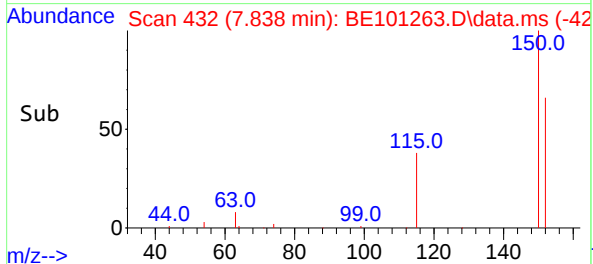
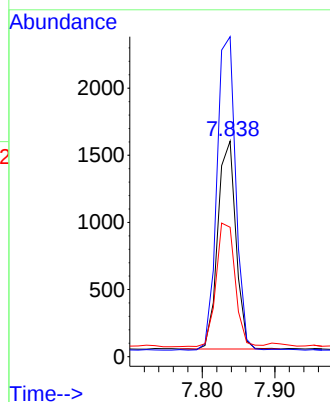
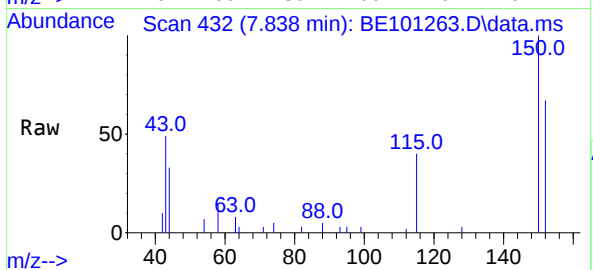




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. 0.008 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

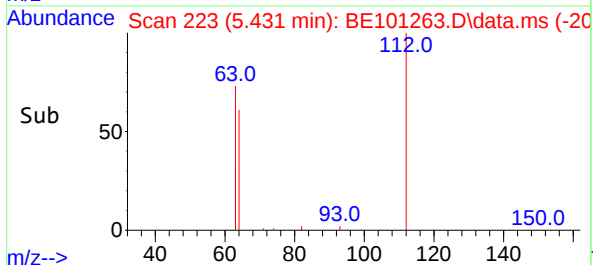
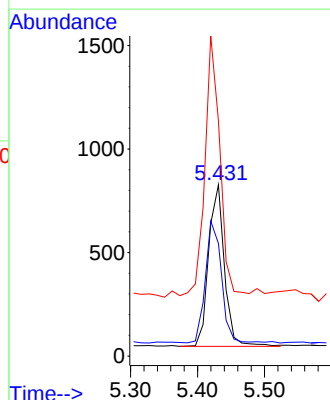
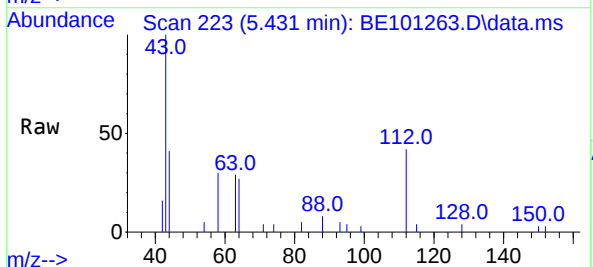
Instrument :
BNA_E
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EB 2021-04-06_SO

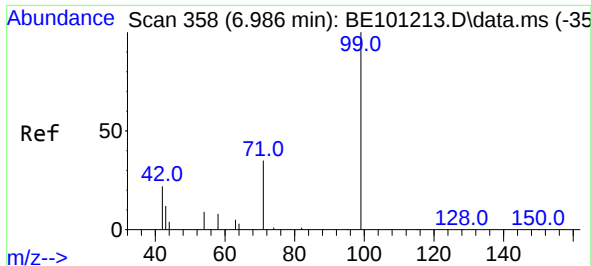
Tgt Ion:152 Resp: 2683
Ion Ratio Lower Upper
152 100
150 148.4 116.9 175.3
115 60.0 44.5 66.7



#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.431 min Scan# 223
Delta R.T. 0.009 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

Tgt Ion:112 Resp: 1282
Ion Ratio Lower Upper
112 100
64 75.8 62.3 93.5
63 162.3 117.3 175.9

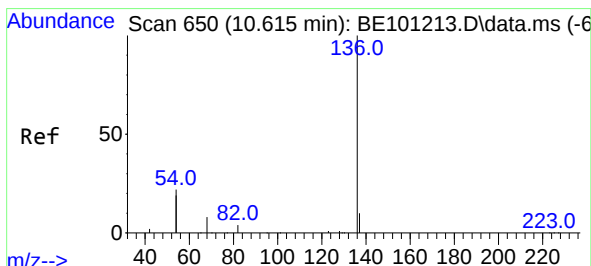
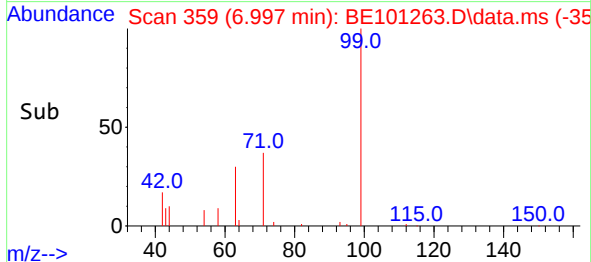
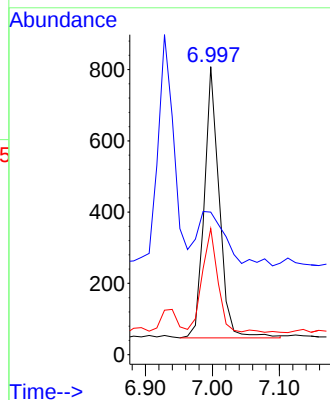
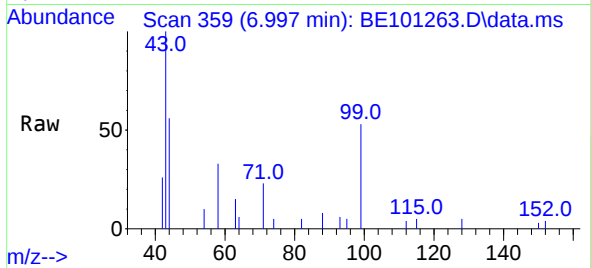




#5
Phenol-d6
Concen: 0.12 ng
RT: 6.997 min Scan# 359
Delta R.T. 0.009 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

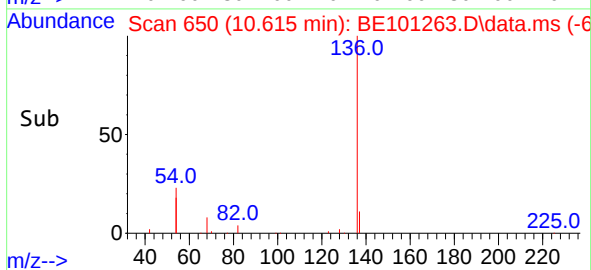
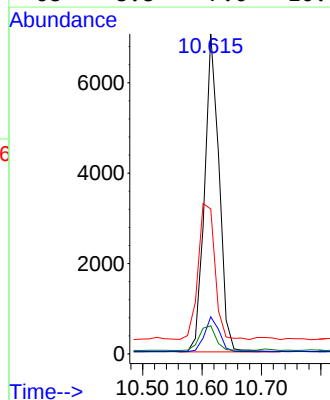
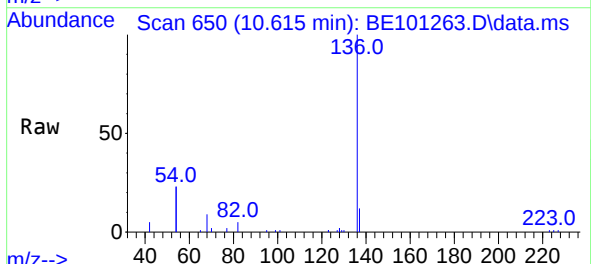
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BNA_E
ClientSampleId :
EB 2021-04-06_SO

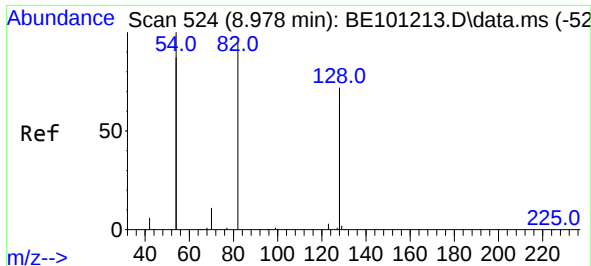
Tgt Ion: 99 Resp: 1189
Ion Ratio Lower Upper
99 100
42 38.6 18.5 27.7#
71 38.7 26.5 39.7



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

Tgt Ion: 136 Resp: 12006
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 45.3 34.7 52.1
68 8.8 7.0 10.4

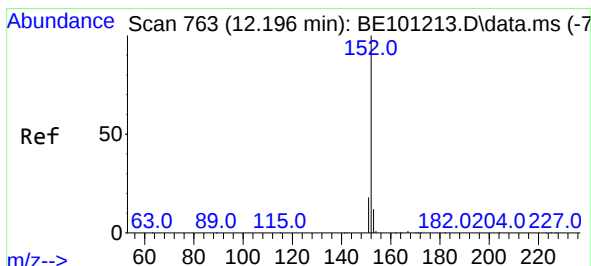
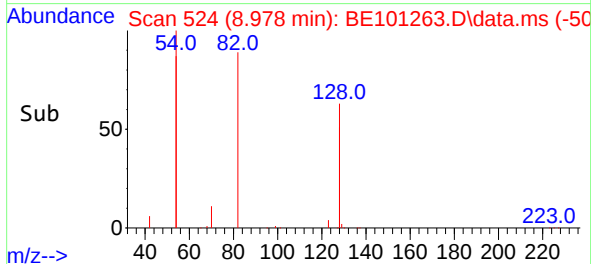
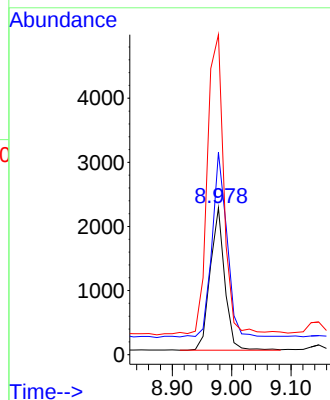
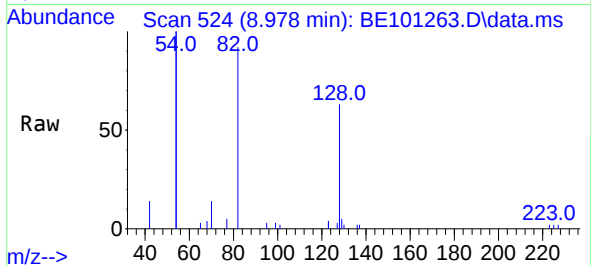




#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

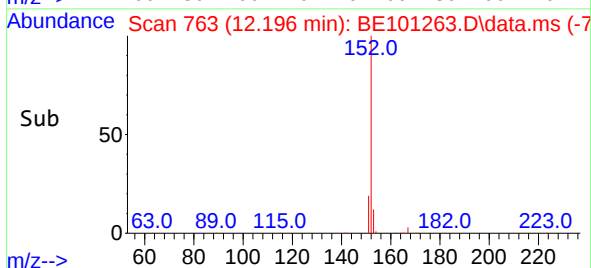
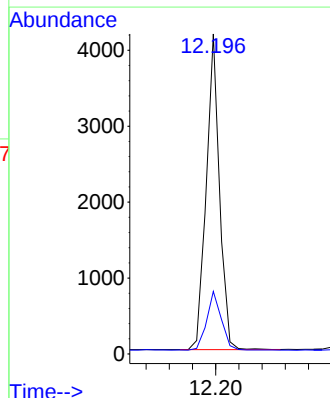
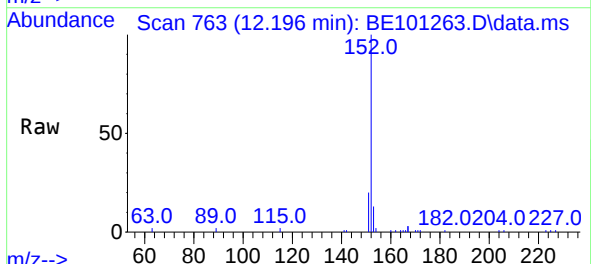
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BNA_E
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EB 2021-04-06_SO

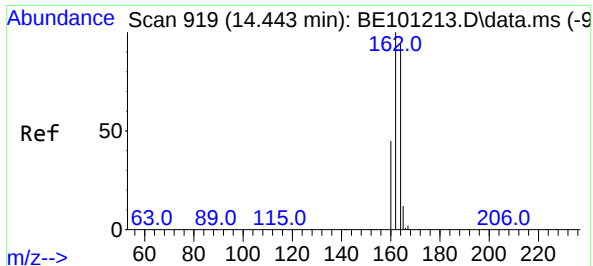
Tgt Ion: 82 Resp: 3798
Ion Ratio Lower Upper
82 100
128 137.8 118.7 178.1
54 217.9 164.4 246.6



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.196 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

Tgt Ion: 152 Resp: 6605
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7

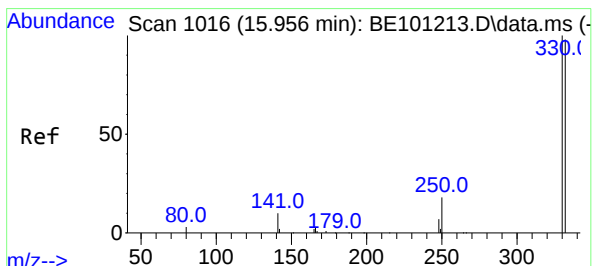
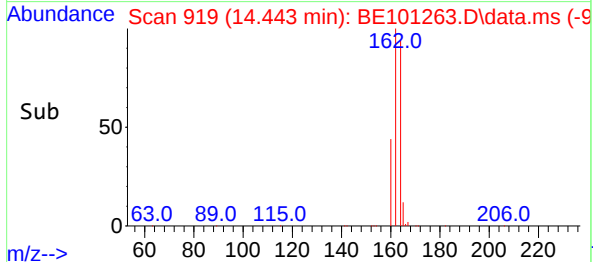
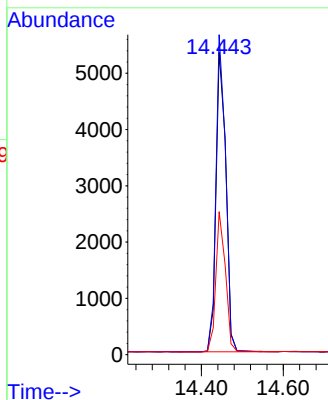
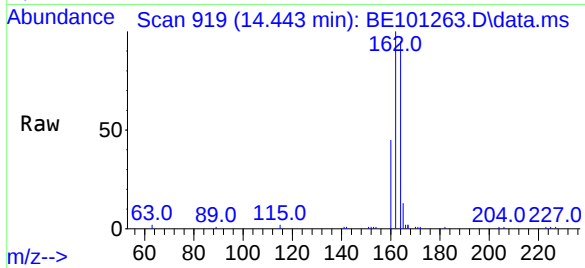




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.443 min Scan# 919
Delta R.T. -0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

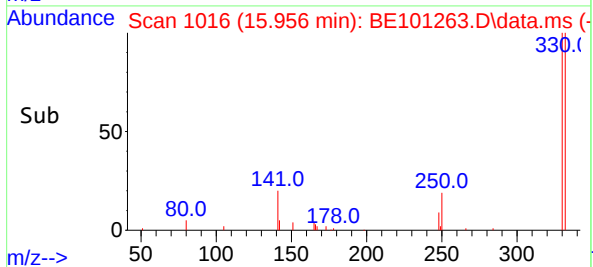
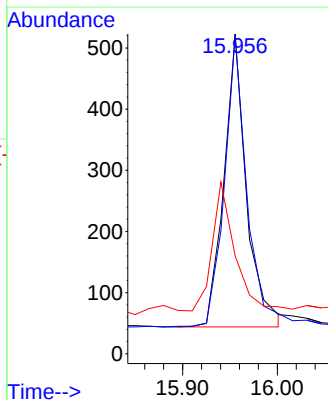
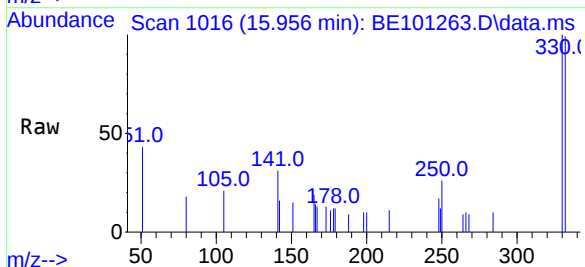
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ClientSampleId :
EB 2021-04-06_SO

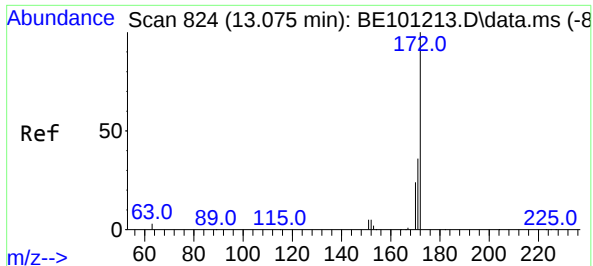
Tgt Ion:164 Resp: 8890
Ion Ratio Lower Upper
164 100
162 105.8 85.3 127.9
160 47.3 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.956 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

Tgt Ion:330 Resp: 788
Ion Ratio Lower Upper
330 100
332 98.7 77.8 116.6
141 43.1 30.4 45.6



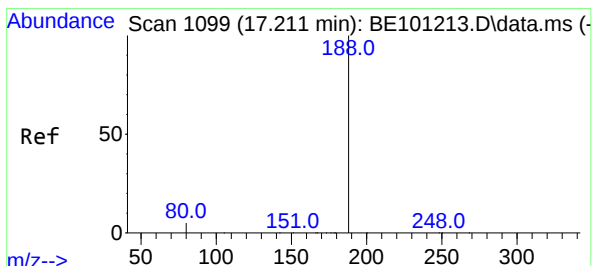
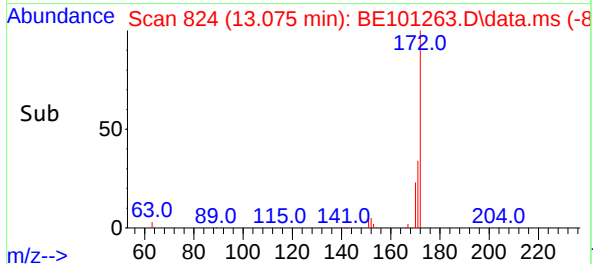
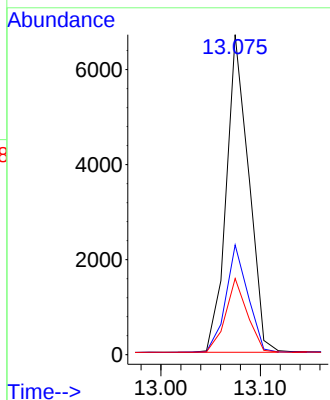
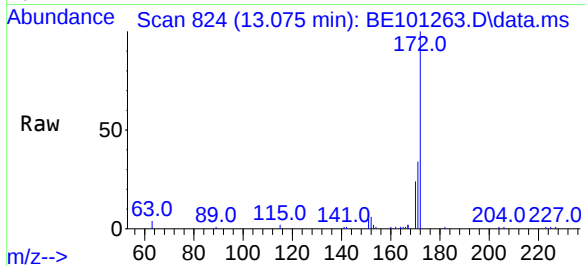


#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.075 min Scan# 824
Delta R.T. -0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

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

Tgt Ion:172 Resp: 10461

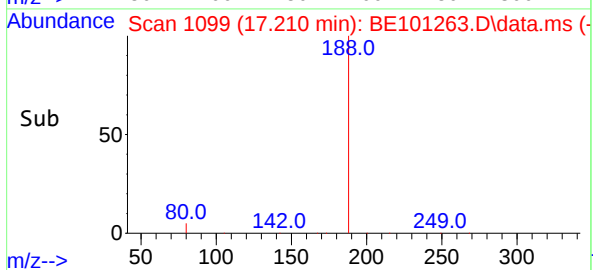
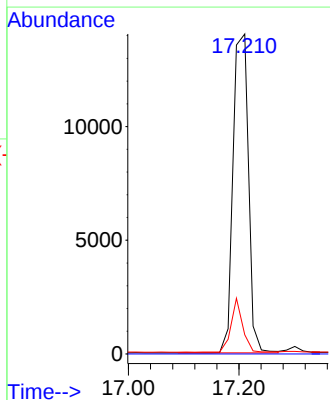
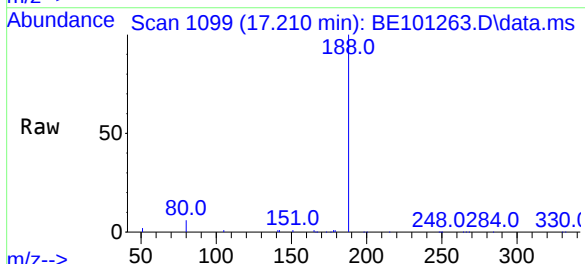
Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.7	43.1
170	23.8	19.3	28.9

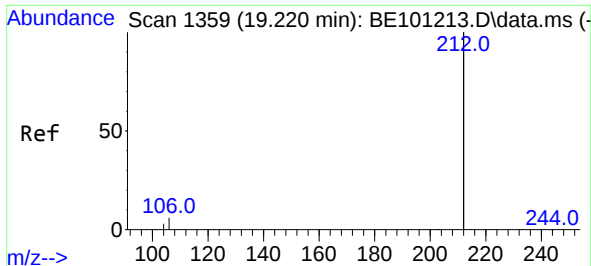


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.210 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

Tgt Ion:188 Resp: 27280

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	4.6	6.8

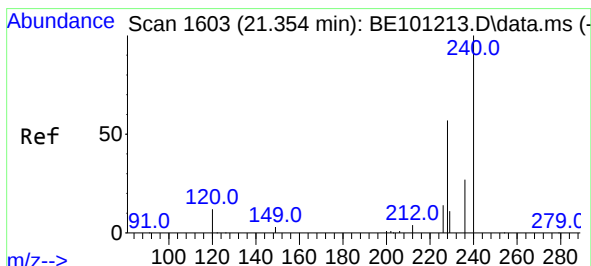
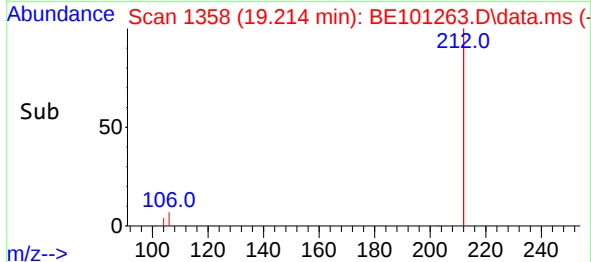
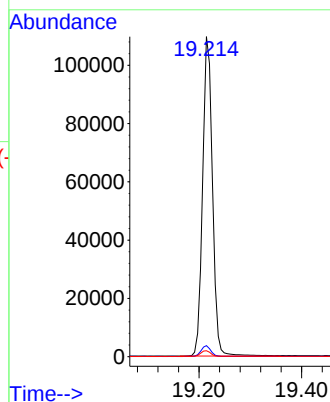
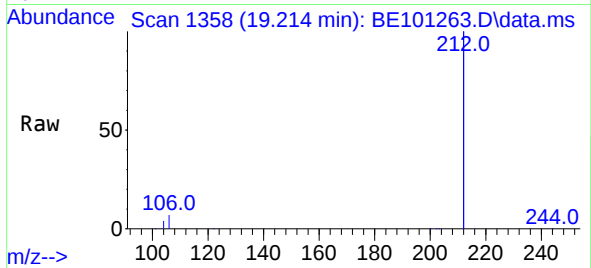




#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.214 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

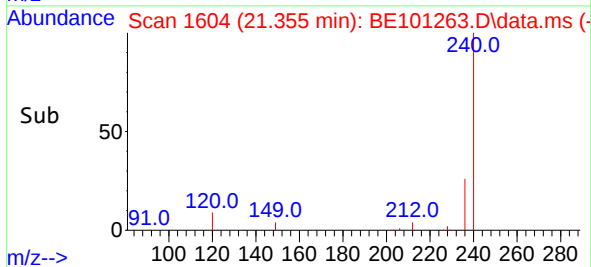
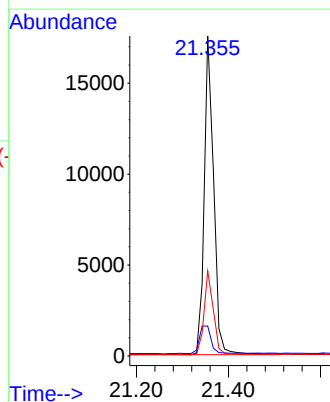
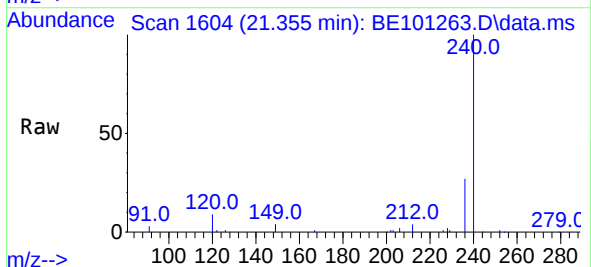
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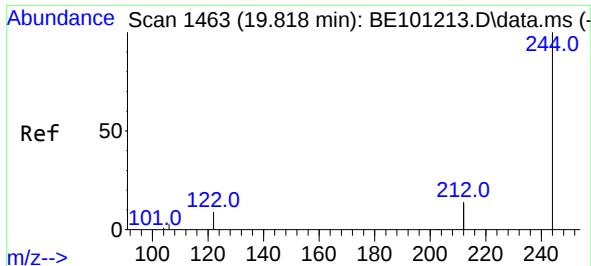
Tgt Ion:212 Resp: 146056
Ion Ratio Lower Upper
212 100
106 3.3 2.6 4.0
104 1.8 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.355 min Scan# 1604
Delta R.T. 0.001 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

Tgt Ion:240 Resp: 24871
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 26.6 21.7 32.5

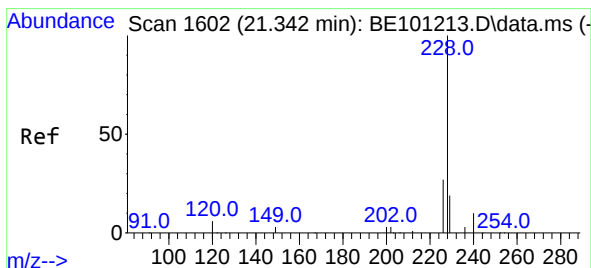
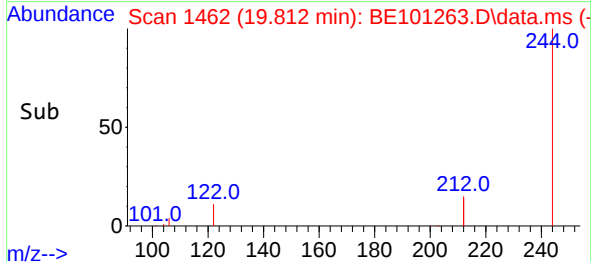
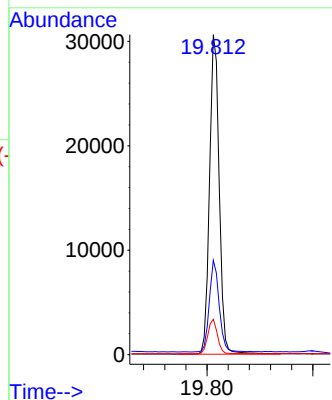
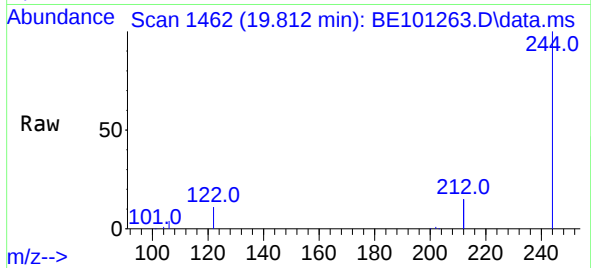




#31
Terphenyl-d14
Concen: 0.58 ng
RT: 19.812 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

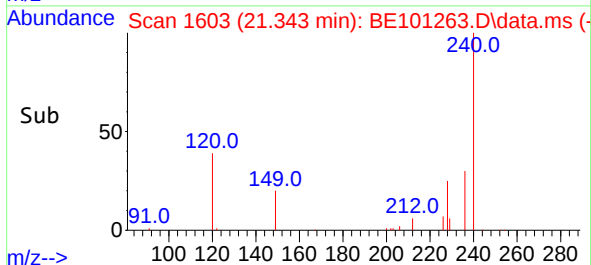
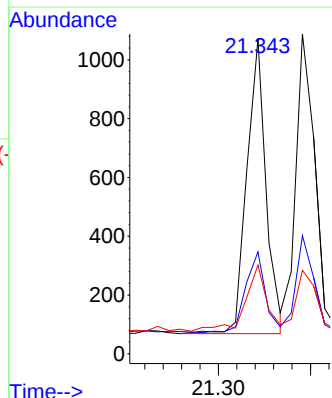
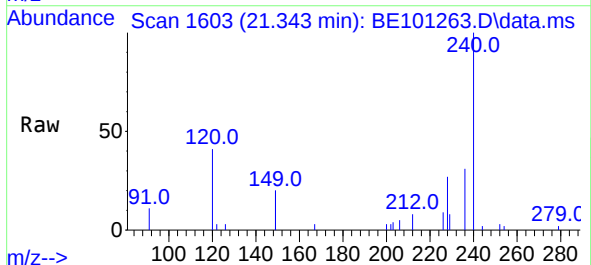
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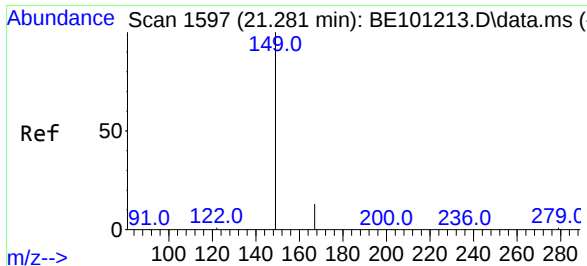
Tgt Ion:244 Resp: 38755
Ion Ratio Lower Upper
244 100
212 29.5 21.9 32.9
122 11.0 7.3 10.9#



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.343 min Scan# 1603
Delta R.T. 0.001 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

Tgt Ion:228 Resp: 1450
Ion Ratio Lower Upper
228 100
226 32.4 21.4 32.2#
229 28.2 15.7 23.5#

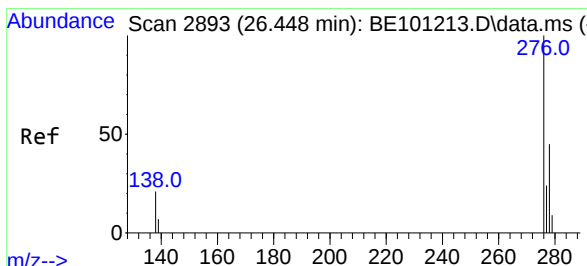
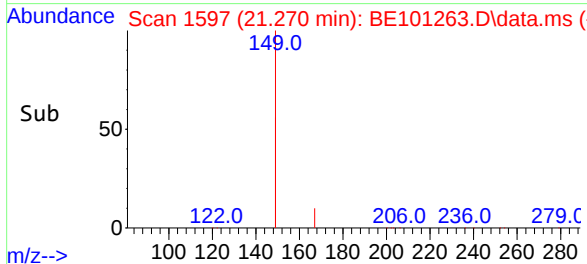
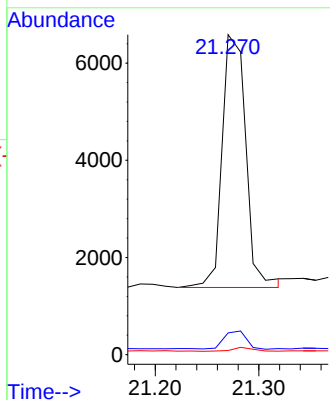
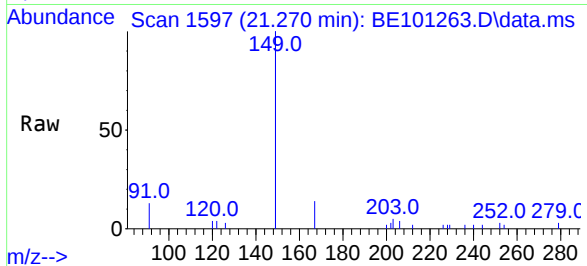




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.270 min Scan# 1597
Delta R.T. -0.011 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

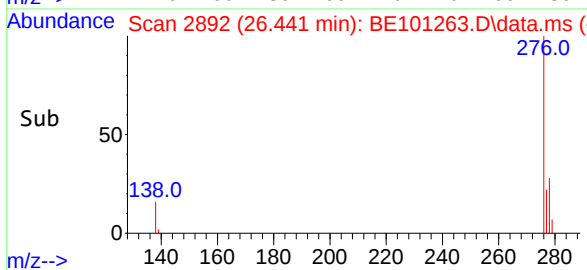
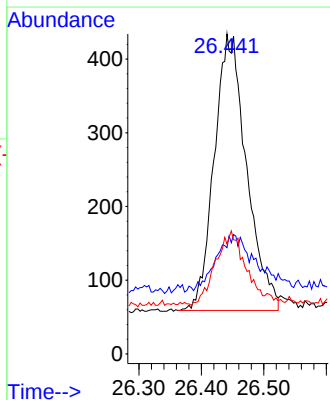
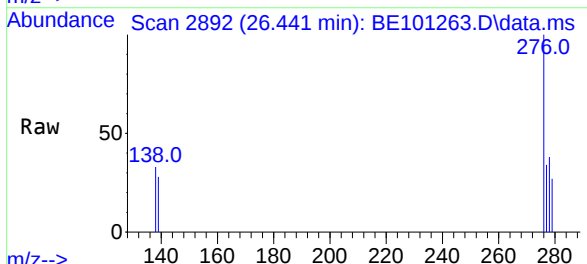
Instrument :
BNA_E
ClientSampleId :
EB 2021-04-06_SO

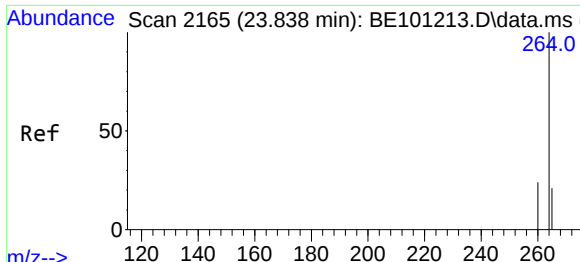
Tgt Ion:149 Resp: 8288
Ion Ratio Lower Upper
149 100
167 6.6 5.5 8.3
279 1.4 1.0 1.4



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 26.441 min Scan# 2892
Delta R.T. -0.004 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

Tgt Ion:276 Resp: 1346
Ion Ratio Lower Upper
276 100
138 17.8 17.4 26.0
277 24.7 19.8 29.8





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.834 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BE101263.D
Acq: 9 Apr 2021 5:46

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

Tgt Ion:264	Resp:	23558
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.3 28.9
265	27.3	22.4 33.6

