

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101181.D
 Acq On : 1 Apr 2021 17:20
 Operator : CG/JU
 Sample : M1843-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE114D1-20210325

Quant Time: Apr 01 18:06:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 12:49:55 2021
 Response via : Initial Calibration

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

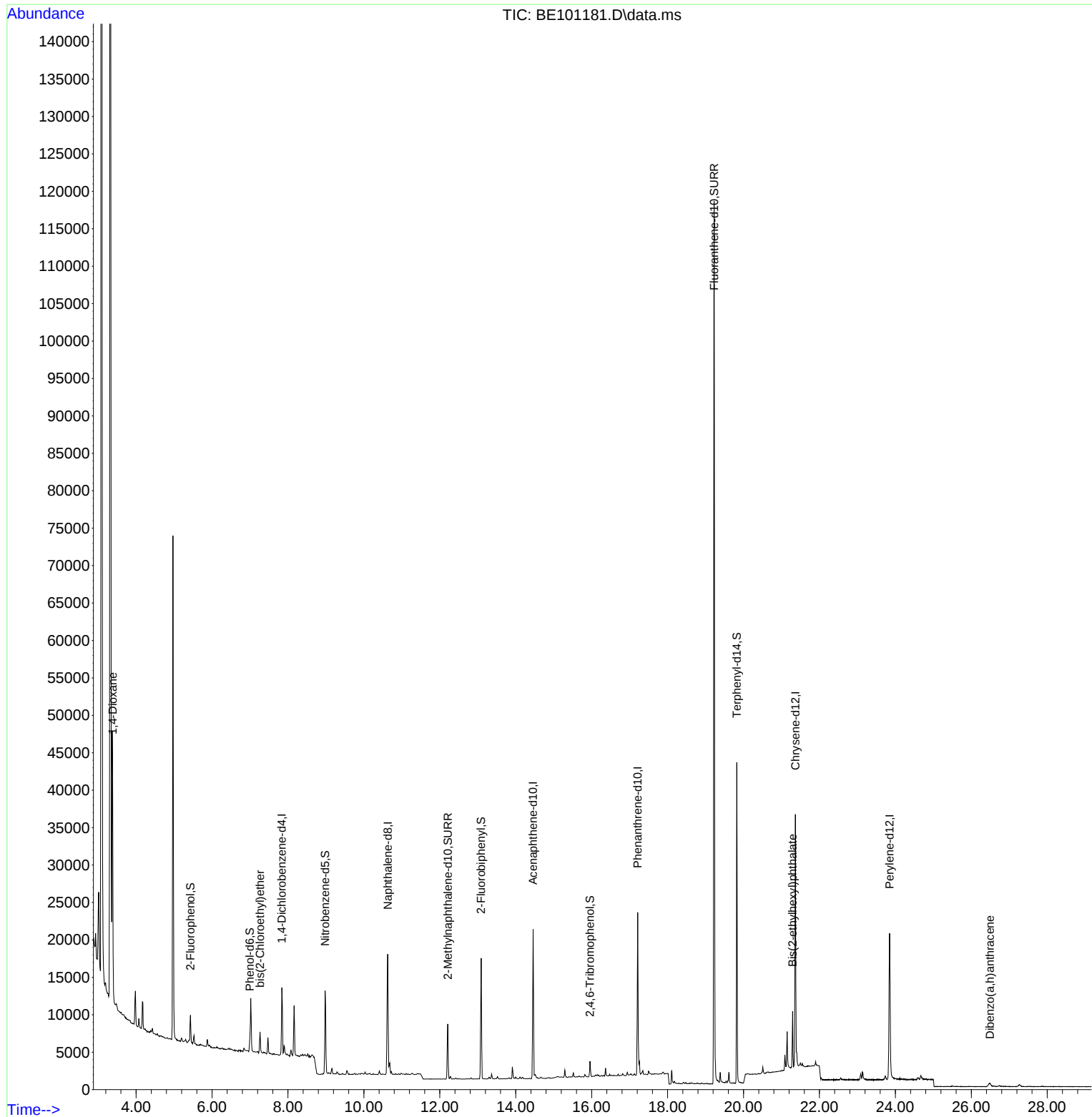
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	4040	0.40	ng	-0.01
7) Naphthalene-d8	10.628	136	17160	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	11061	0.40	ng	0.00
19) Phenanthrene-d10	17.212	188	28069	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	32991	0.40	ng	# 0.00
36) Perylene-d12	23.845	264	29852	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1895	0.20	ng	0.00
5) Phenol-d6	6.998	99	1581	0.11	ng	0.00
8) Nitrobenzene-d5	8.978	82	4323	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	9712	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1151	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	13774	0.33	ng	0.00
27) Fluoranthene-d10	19.226	212	155195	0.44	ng	0.00
31) Terphenyl-d14	19.823	244	35925	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	21606	3.30	ng	95
6) bis(2-Chloroethyl)ether	7.263	93	896	0.07	ng	93
34) Bis(2-ethylhexyl)phtha...	21.293	149	8578	0.15	ng	# 97
40) Dibenzo(a,h)anthracene	26.491	278	664	0.11	ng	# 45

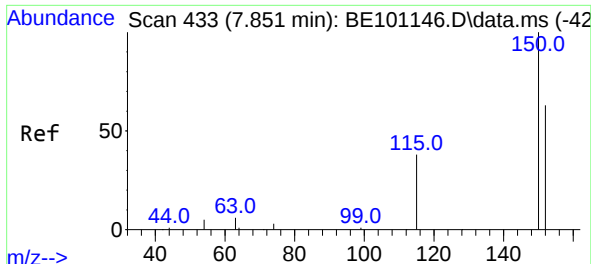
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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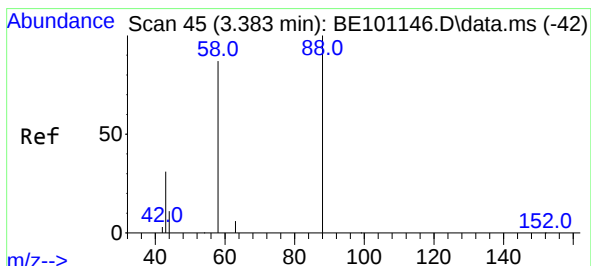
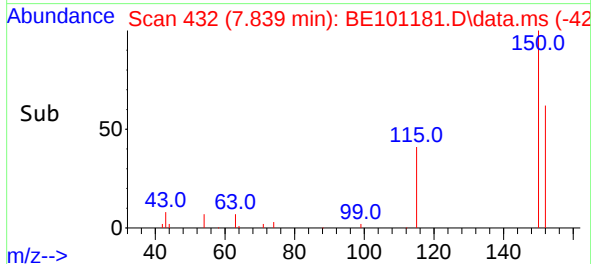
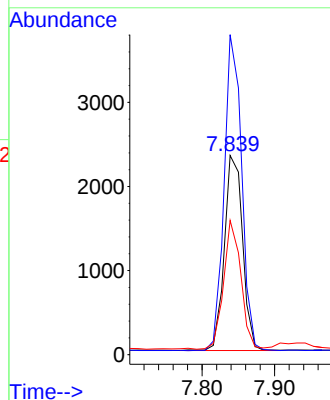
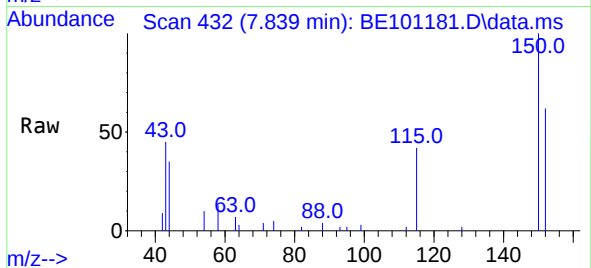




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.839 min Scan# 432
Delta R.T. -0.011 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

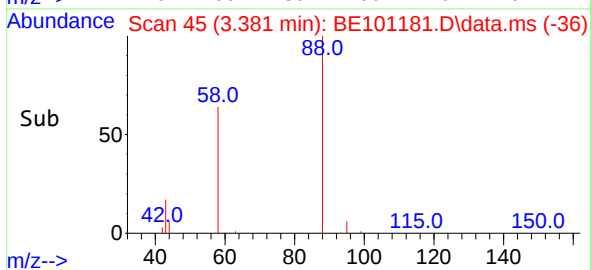
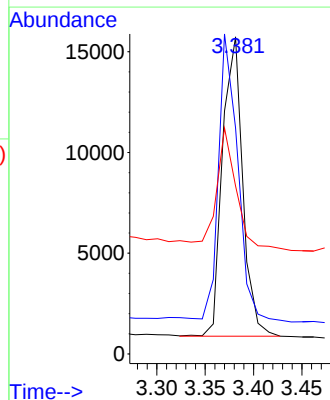
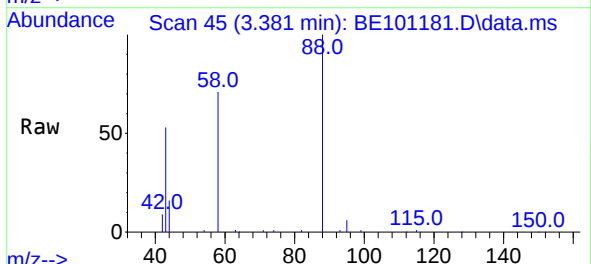
Instrument :
BNA_E
ClientSampleId :
RE114D1-20210325

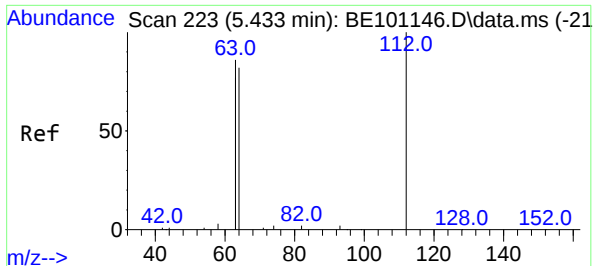
Tgt Ion:152 Resp: 4040
Ion Ratio Lower Upper
152 100
150 160.6 126.3 189.5
115 67.4 48.9 73.3



#2
1,4-Dioxane
Concen: 3.30 ng
RT: 3.381 min Scan# 45
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion: 88 Resp: 21606
Ion Ratio Lower Upper
88 100
58 89.5 68.5 102.7
43 37.8 27.2 40.8

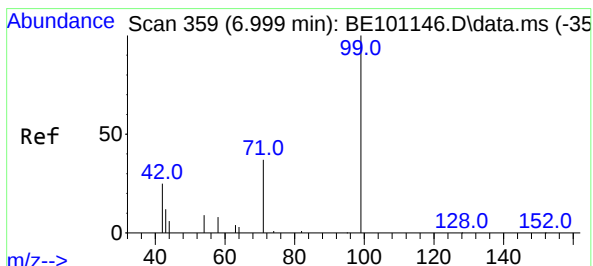
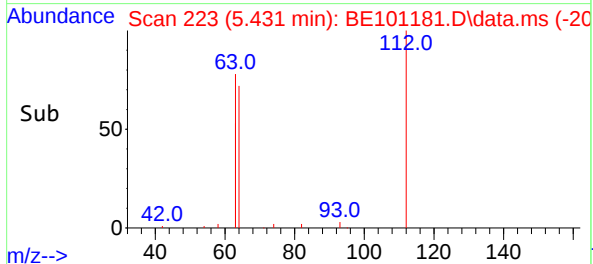
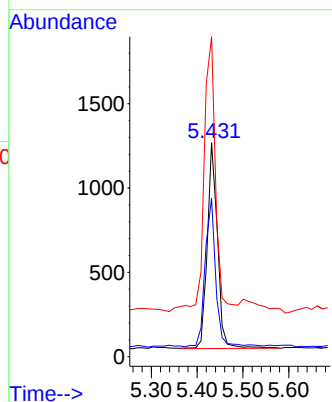
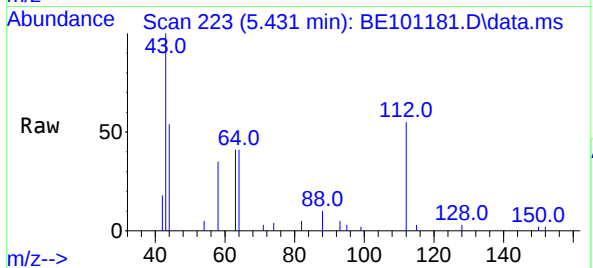




#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.431 min Scan# 223
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

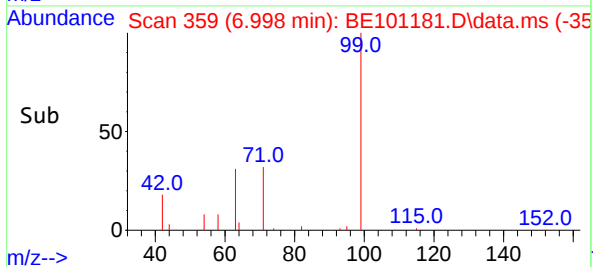
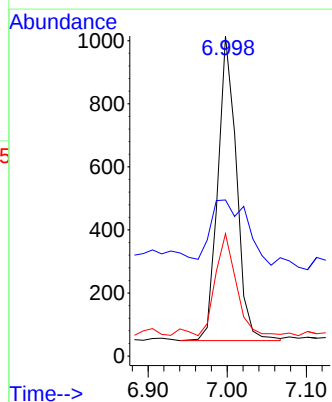
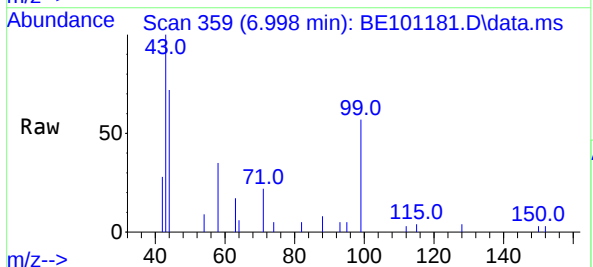
Instrument :
BNA_E
ClientSampleId :
RE114D1-20210325

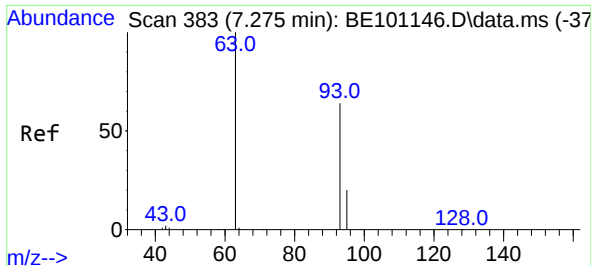
Tgt Ion:112 Resp: 1895
Ion Ratio Lower Upper
112 100
64 74.8 60.8 91.2
63 149.3 119.4 179.0



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.998 min Scan# 359
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion: 99 Resp: 1581
Ion Ratio Lower Upper
99 100
42 49.6 18.8 28.2#
71 38.1 26.3 39.5

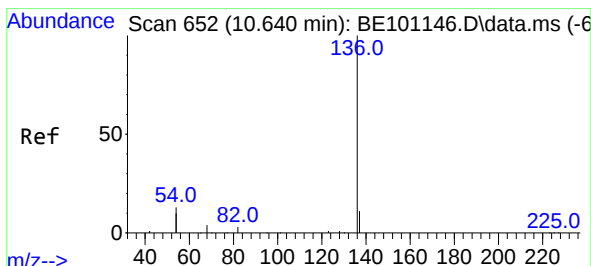
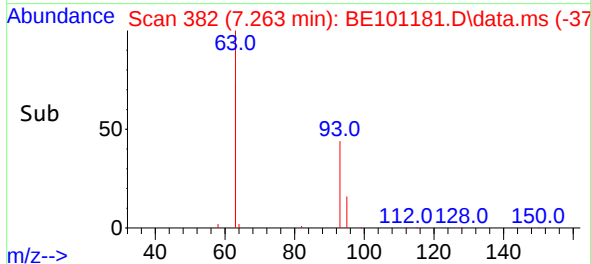
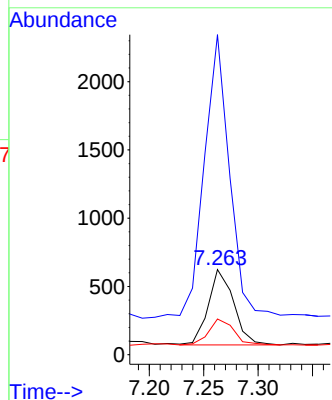
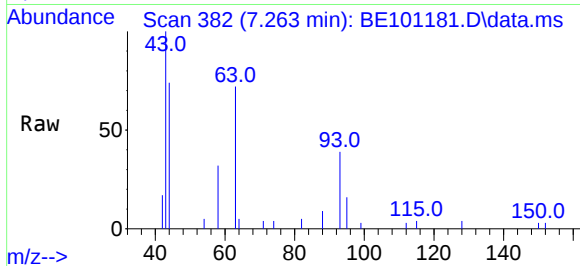




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.263 min Scan# 382
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

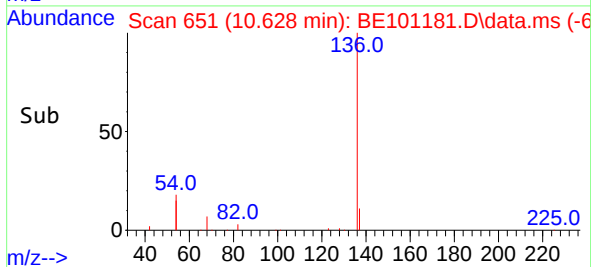
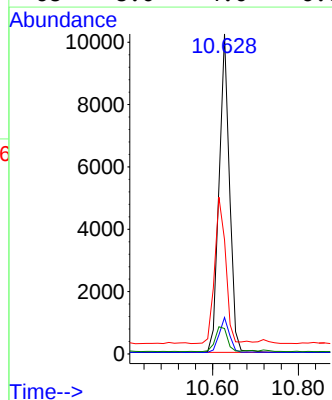
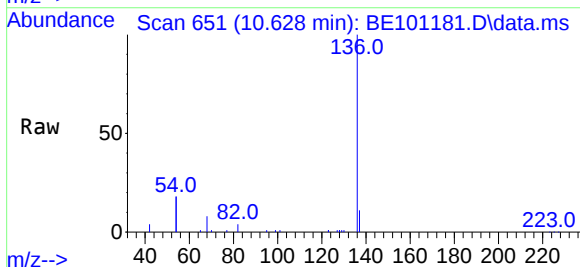
Instrument :
BNA_E
ClientSampleId :
RE114D1-20210325

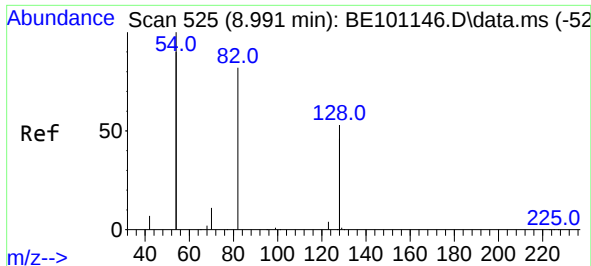
Tgt Ion: 93 Resp: 896
Ion Ratio Lower Upper
93 100
63 382.4 292.5 438.7
95 34.9 25.8 38.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. -0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion: 136 Resp: 17160
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 35.7 20.2 30.4#
68 8.0 4.0 6.0#

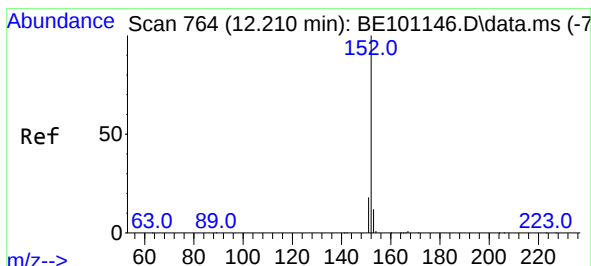
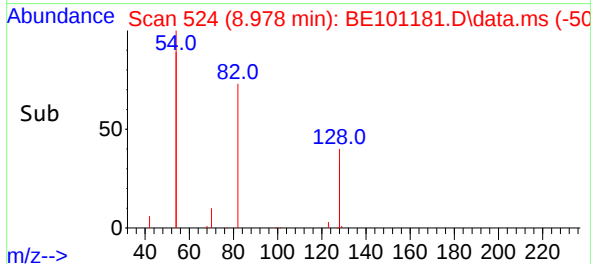
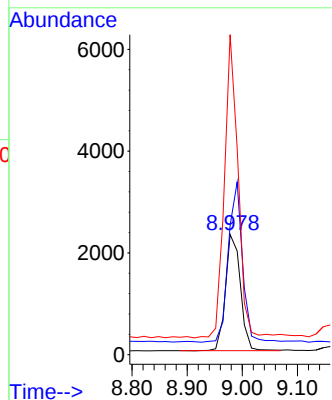
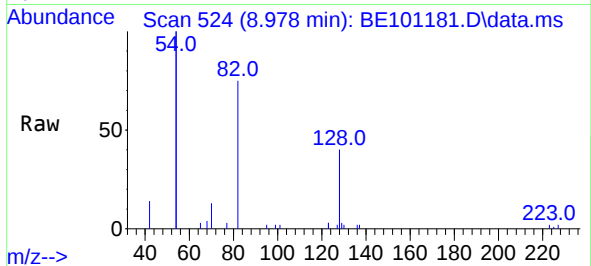




#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

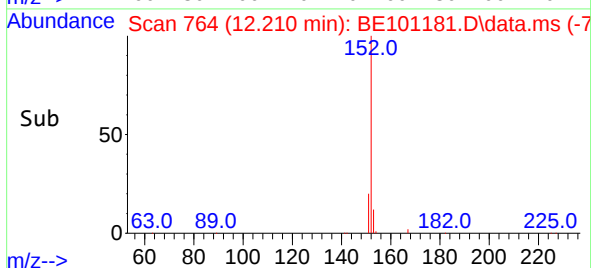
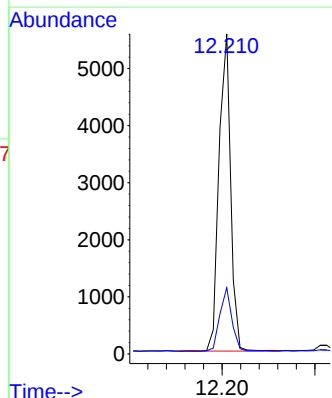
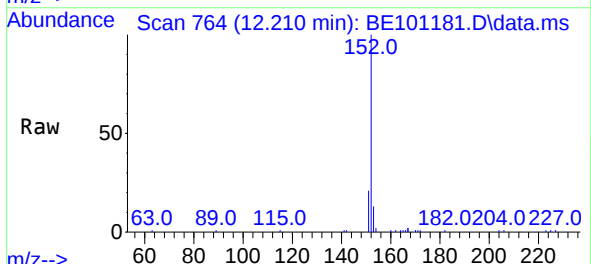
Instrument :
BNA_E
ClientSampleId :
RE114D1-20210325

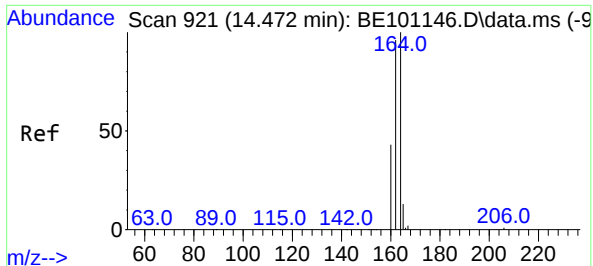
Tgt Ion: 82 Resp: 4323
Ion Ratio Lower Upper
82 100
128 107.5 101.5 152.3
54 266.2 189.8 284.6



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion: 152 Resp: 9712
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8

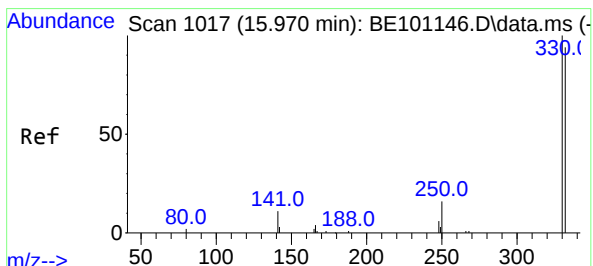
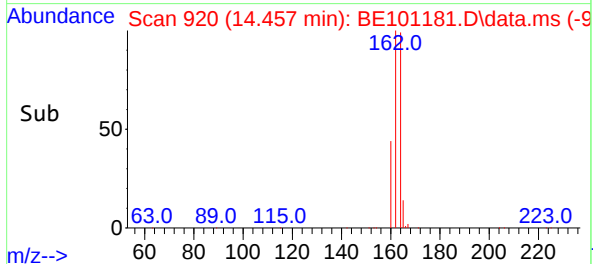
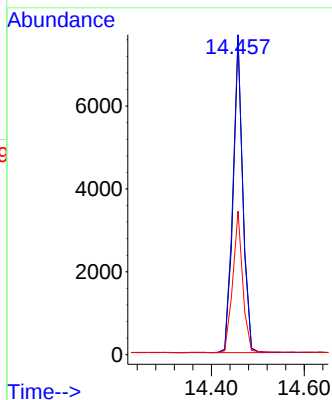
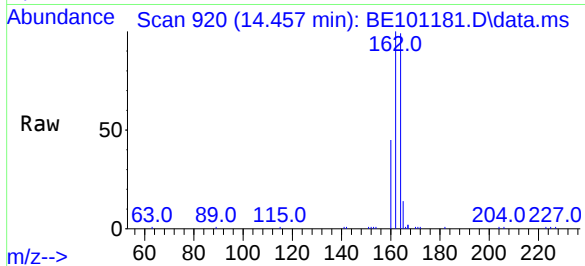




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

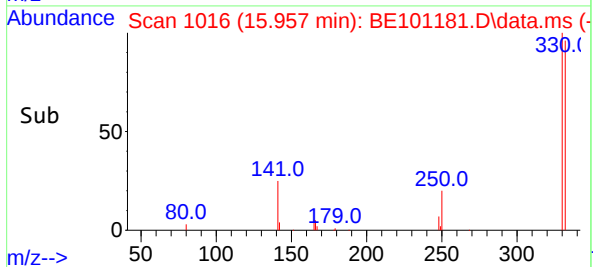
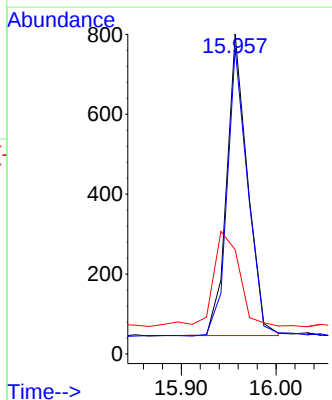
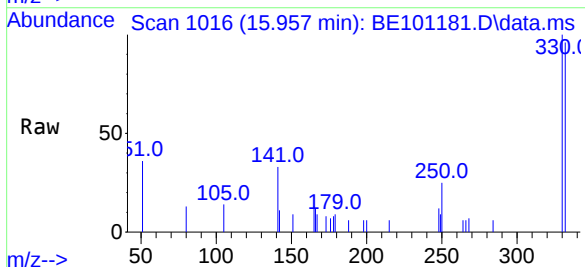
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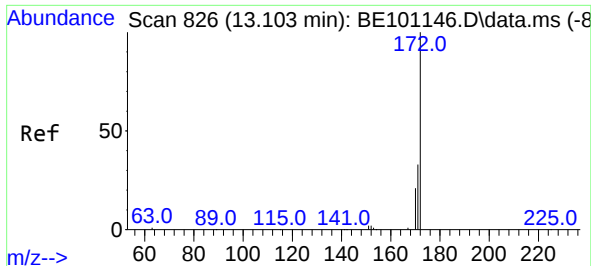
Tgt Ion:164 Resp: 11061
Ion Ratio Lower Upper
164 100
162 101.4 76.6 115.0
160 45.5 34.5 51.7



#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.957 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion:330 Resp: 1151
Ion Ratio Lower Upper
330 100
332 93.7 69.1 103.7
141 38.8 30.6 45.8

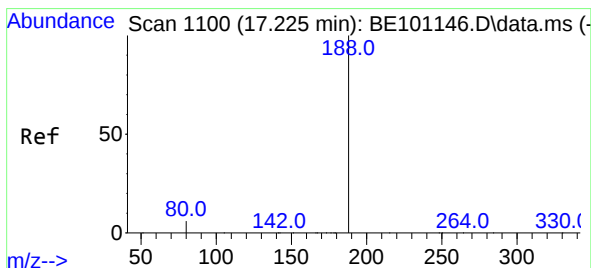
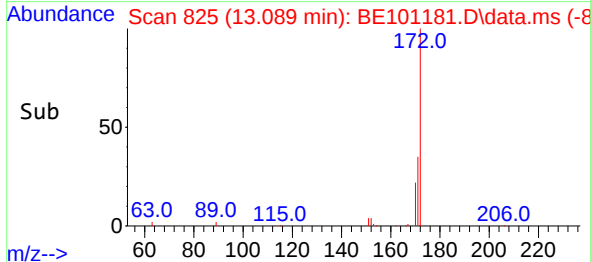
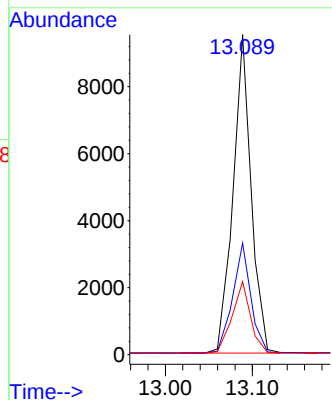
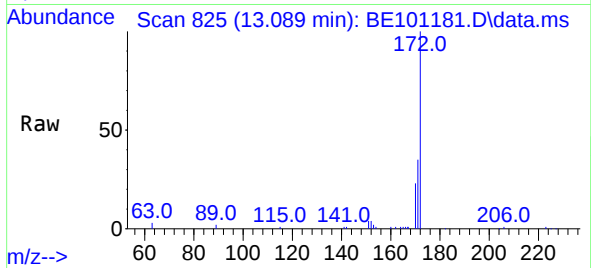




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.089 min Scan# 825
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

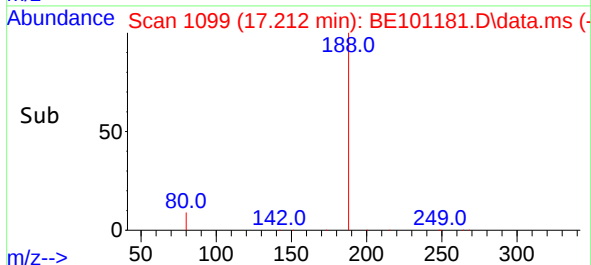
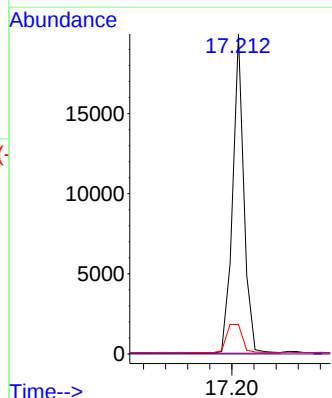
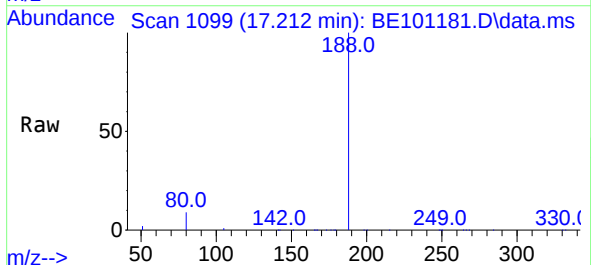
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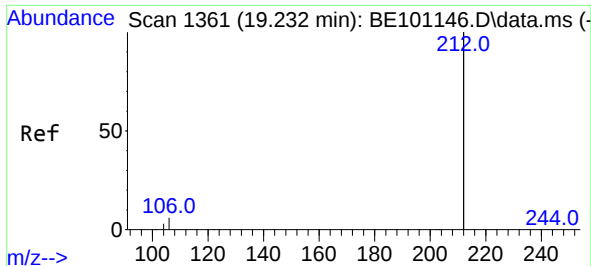
Tgt Ion:172 Resp: 13774
Ion Ratio Lower Upper
172 100
171 34.9 26.4 39.6
170 22.8 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.212 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion:188 Resp: 28069
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 4.8 7.2#



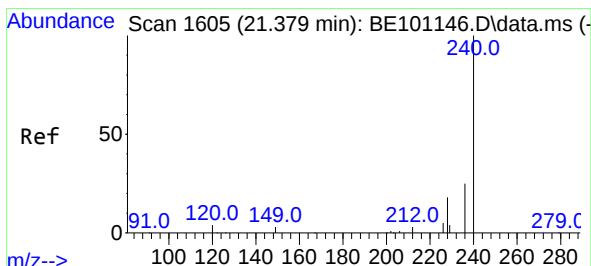
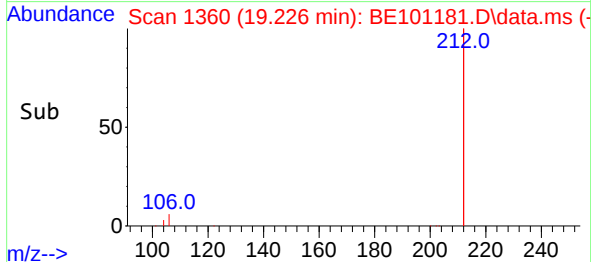
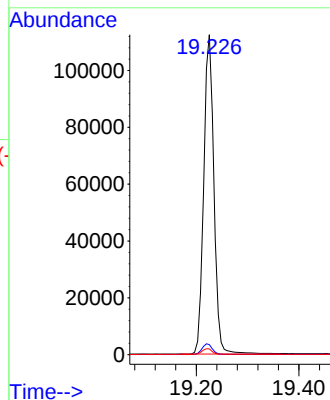
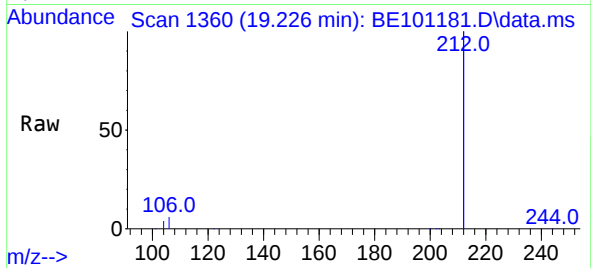


#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Instrument :
BNA_E
ClientSampleId :
RE114D1-20210325

Tgt Ion:212 Resp: 155195

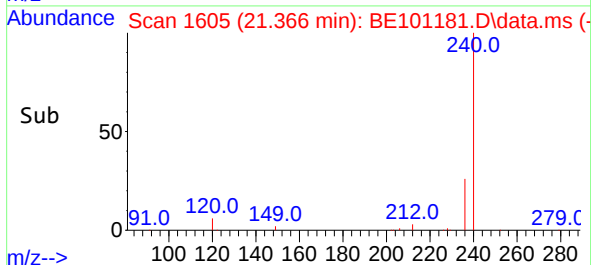
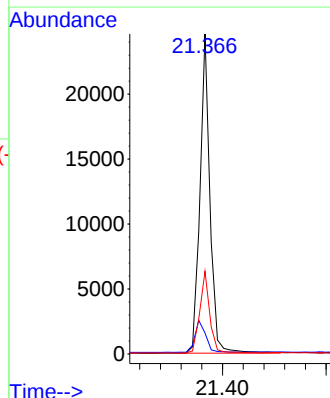
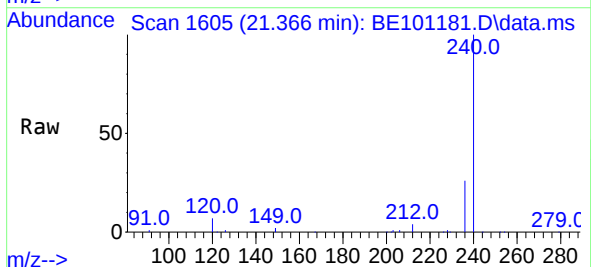
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.2

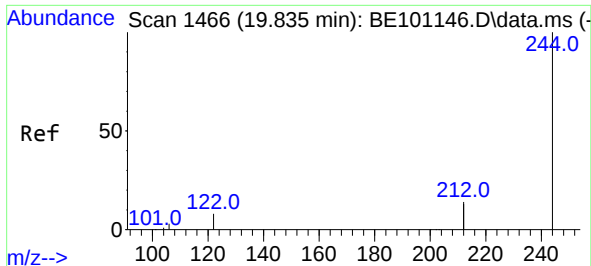


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion:240 Resp: 32991

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.1	6.1
236	25.9	20.3	30.5

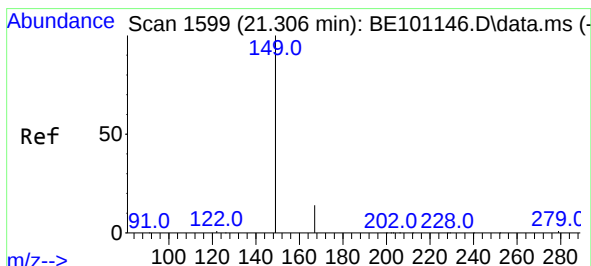
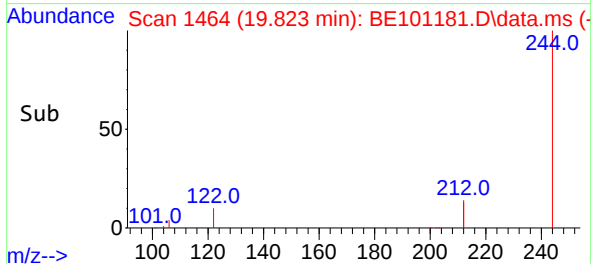
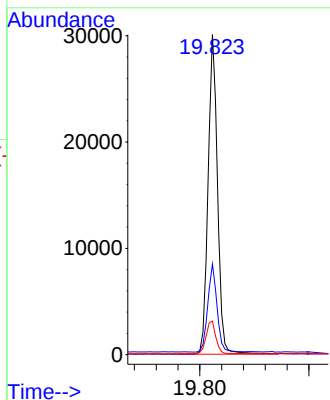
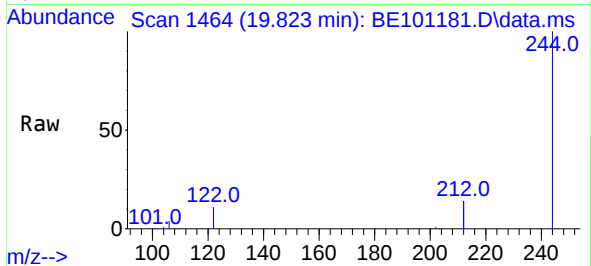




#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.823 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

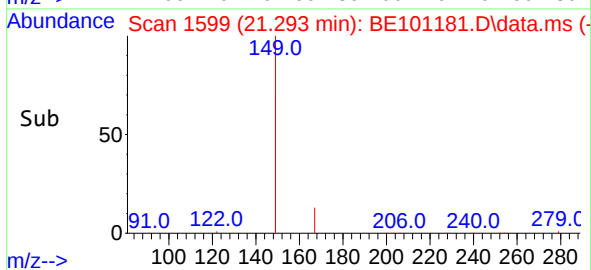
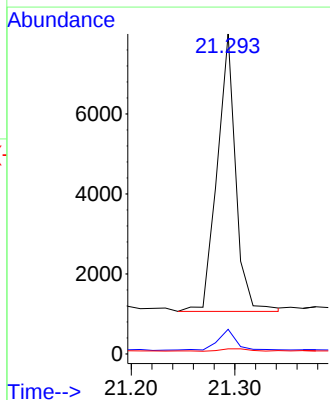
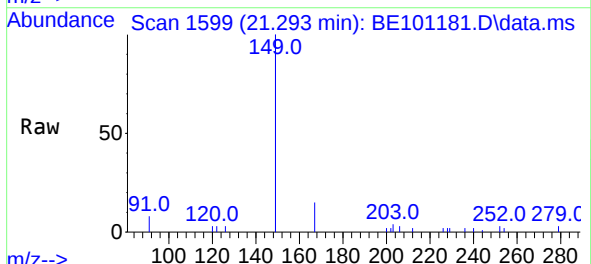
Instrument :
BNA_E
ClientSampleId :
RE114D1-20210325

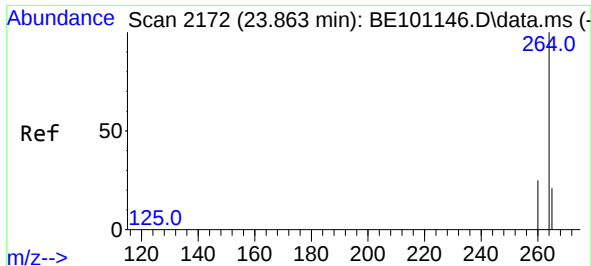
Tgt Ion:244 Resp: 35925
Ion Ratio Lower Upper
244 100
212 28.4 21.7 32.5
122 10.5 6.6 10.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.293 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion:149 Resp: 8578
Ion Ratio Lower Upper
149 100
167 8.0 5.4 8.2
279 1.3 0.9 1.3#



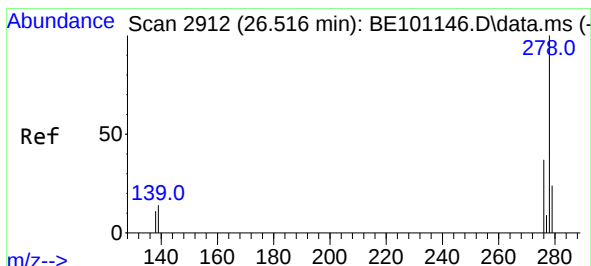
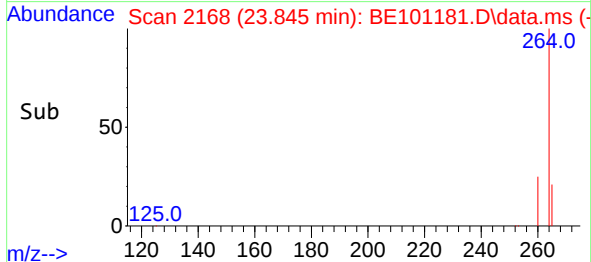
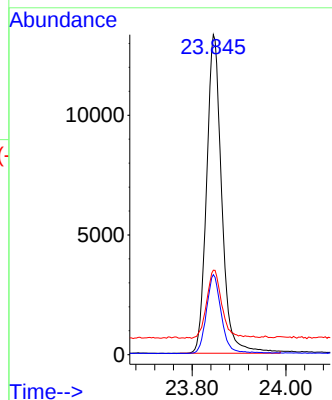
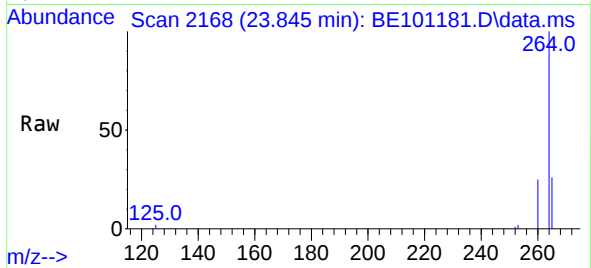


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.845 min Scan# 2168
Delta R.T. -0.007 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Instrument :
BNA_E
ClientSampleId :
RE114D1-20210325

Tgt Ion:264 Resp: 29852

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	26.4	20.6	30.8



#40
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.491 min Scan# 2906
Delta R.T. -0.008 min
Lab File: BE101181.D
Acq: 1 Apr 2021 17:20

Tgt Ion:278 Resp: 664

Ion	Ratio	Lower	Upper
278	100		
139	40.8	12.0	18.0#
279	50.8	20.2	30.4#

