

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101176.D
 Acq On : 1 Apr 2021 14:15
 Operator : CG/JU
 Sample : M1843-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE114D2-20210325

Quant Time: Apr 01 15:09:16 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)

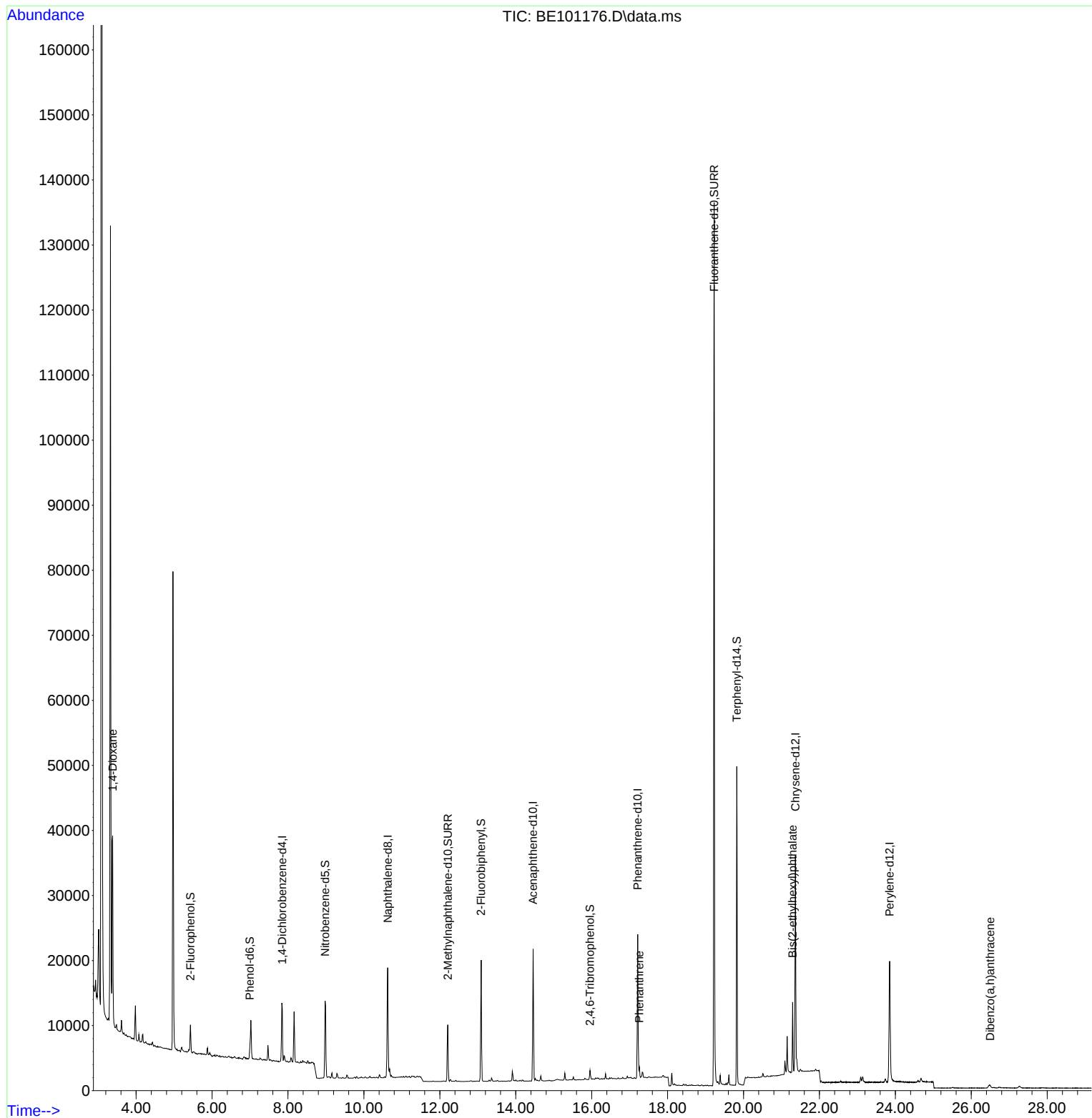
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	4114	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	17850	0.40	ng	# 0.00
13) Acenaphthene-d10	14.457	164	11022	0.40	ng	0.00
19) Phenanthrene-d10	17.212	188	27986	0.40	ng	# 0.00
29) Chrysene-d12	21.366	240	32803	0.40	ng	# 0.00
36) Perylene-d12	23.848	264	29093	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.431	112	1946	0.20	ng	0.00
5) Phenol-d6	6.997	99	1706	0.11	ng	0.00
8) Nitrobenzene-d5	8.977	82	4976	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	10943	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	747	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.088	172	15971	0.39	ng	0.00
27) Fluoranthene-d10	19.225	212	172762	0.49	ng	0.00
31) Terphenyl-d14	19.823	244	41028	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.381	88	19531	2.93	ng	# 92
25) Phenanthrene	17.257	178	1913	0.02	ng	98
34) Bis(2-ethylhexyl)phtha...	21.293	149	11688	0.21	ng	# 100
40) Dibenzo(a,h)anthracene	26.498	278	612	0.11	ng	# 41

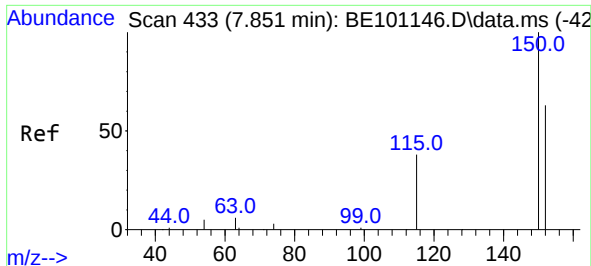
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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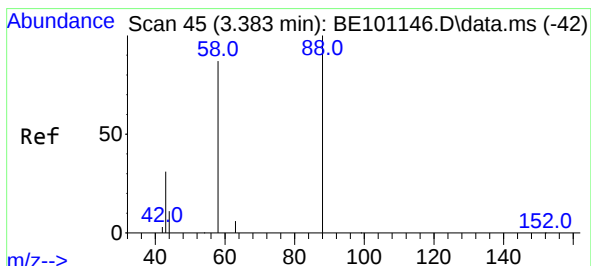
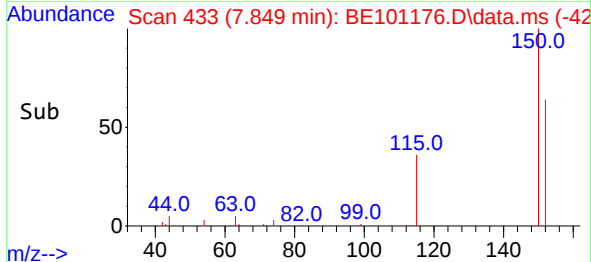
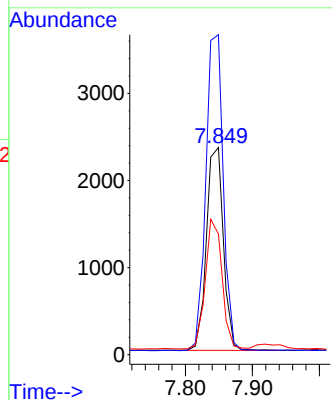
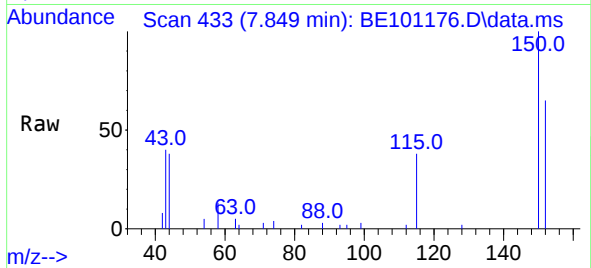


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.849 min Scan# 433
 Delta R.T. -0.001 min
 Lab File: BE101176.D
 Acq: 1 Apr 2021 14:15

Instrument :
 BNA_E
 ClientSampleId :
 RE114D2-20210325

Tgt Ion:152 Resp: 4114

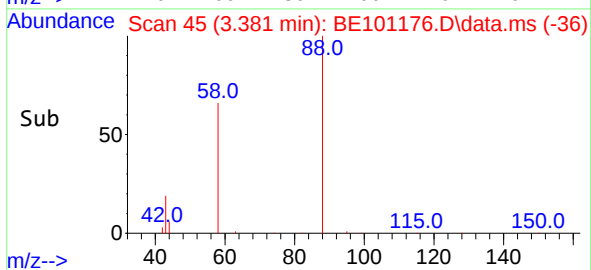
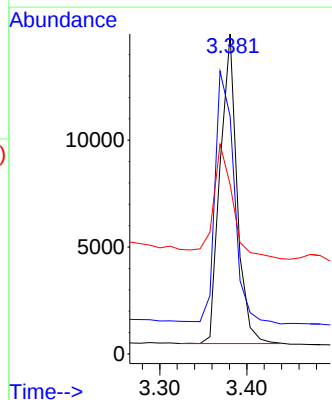
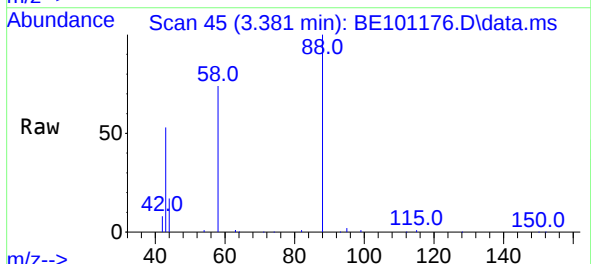
Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.3	189.5
115	58.2	48.9	73.3

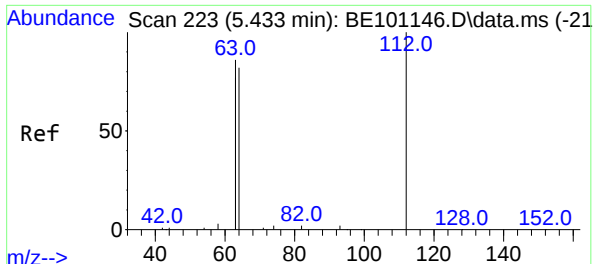


#2
 1,4-Dioxane
 Concen: 2.93 ng
 RT: 3.381 min Scan# 45
 Delta R.T. -0.000 min
 Lab File: BE101176.D
 Acq: 1 Apr 2021 14:15

Tgt Ion: 88 Resp: 19531

Ion	Ratio	Lower	Upper
88	100		
58	91.3	68.5	102.7
43	42.0	27.2	40.8

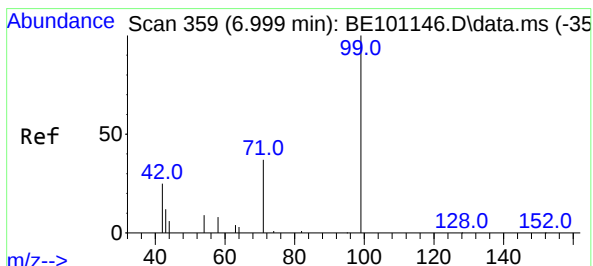
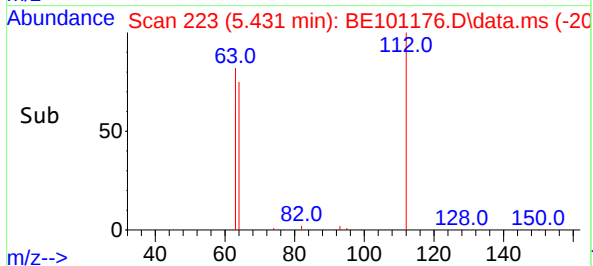
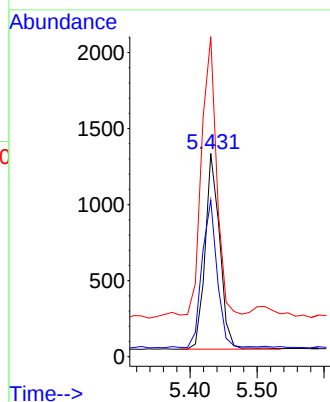
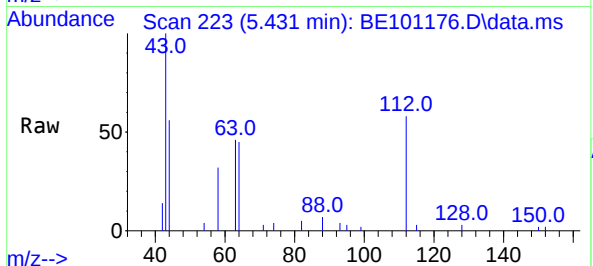




#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.431 min Scan# 223
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

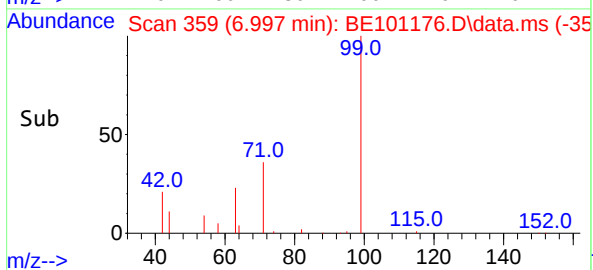
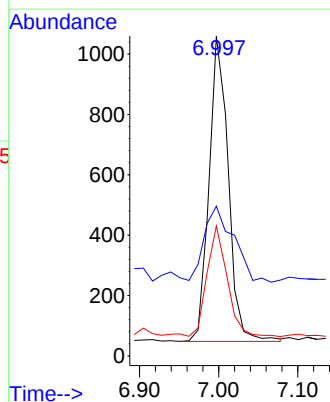
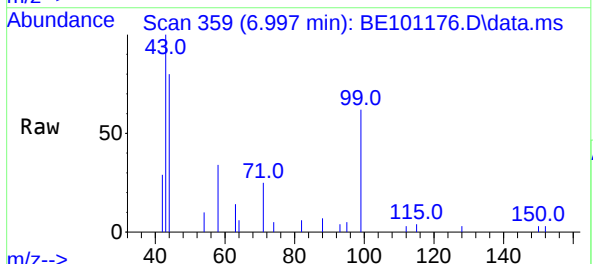
Instrument :
BNA_E
ClientSampleId :
RE114D2-20210325

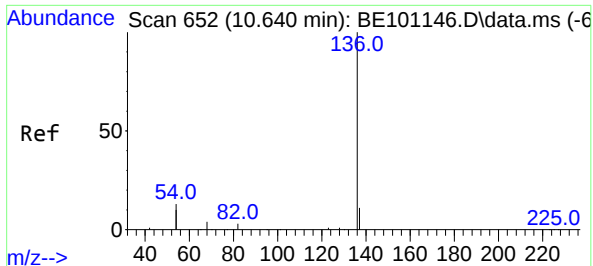
Tgt Ion:112 Resp: 1946
Ion Ratio Lower Upper
112 100
64 78.6 60.8 91.2
63 155.2 119.4 179.0



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.997 min Scan# 359
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Tgt Ion: 99 Resp: 1706
Ion Ratio Lower Upper
99 100
42 37.8 18.8 28.2#
71 38.5 26.3 39.5

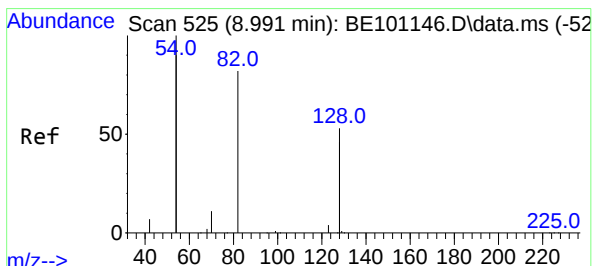
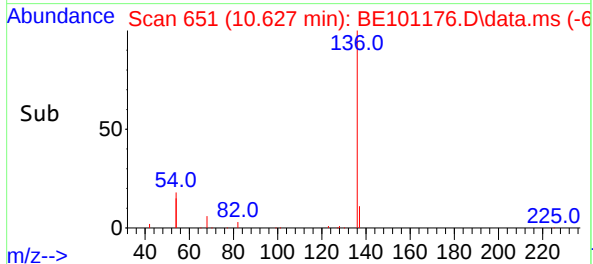
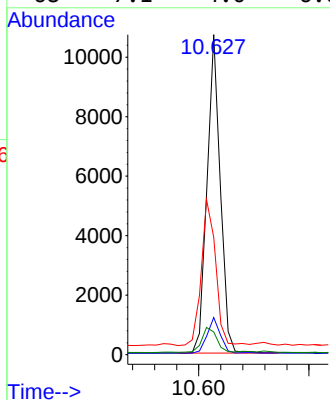
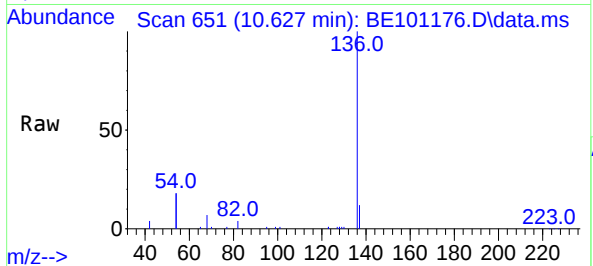




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

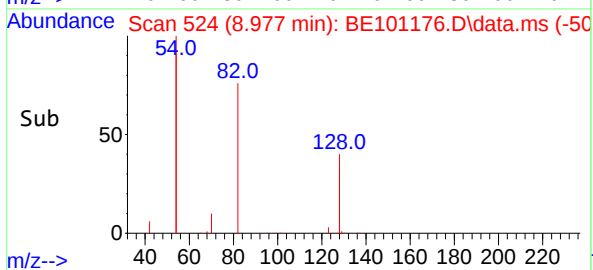
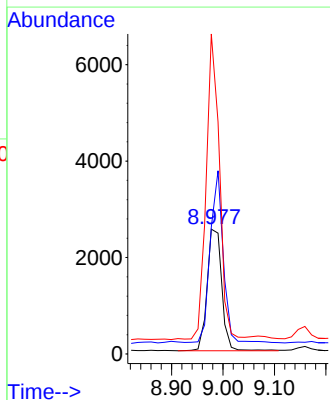
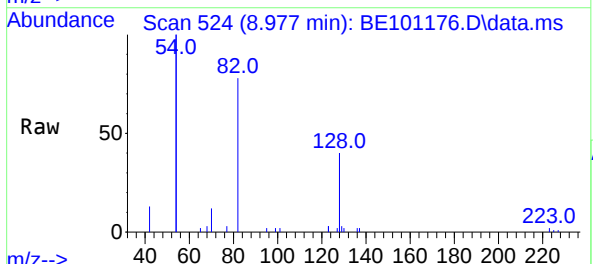
Instrument :
BNA_E
ClientSampleId :
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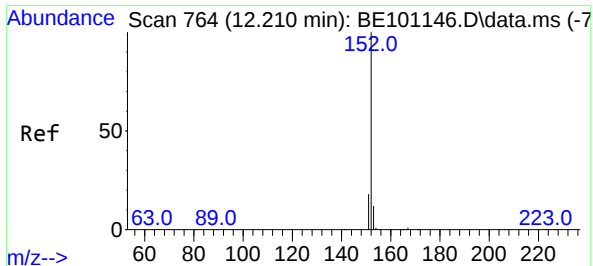
Tgt Ion:	136	Resp:	17850
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.9	13.3
54	36.7	20.2	30.4#
68	7.1	4.0	6.0#



#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Tgt Ion:	82	Resp:	4976
Ion Ratio	Lower	Upper	
82	100		
128	101.8	101.5	152.3
54	256.3	189.8	284.6

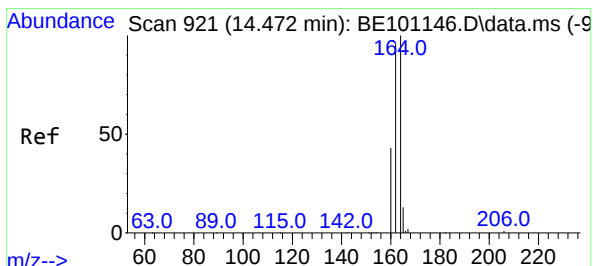
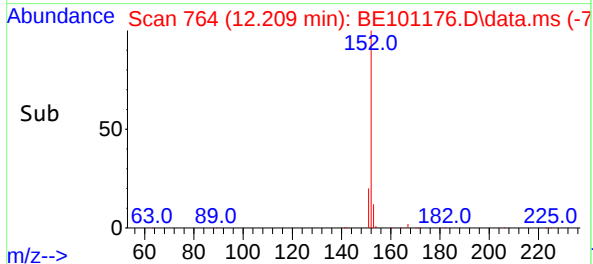
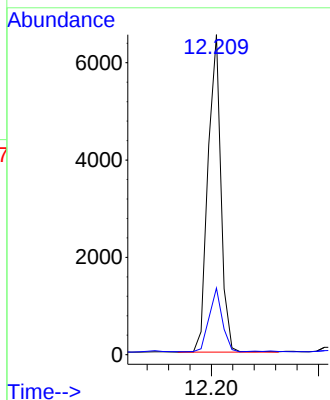
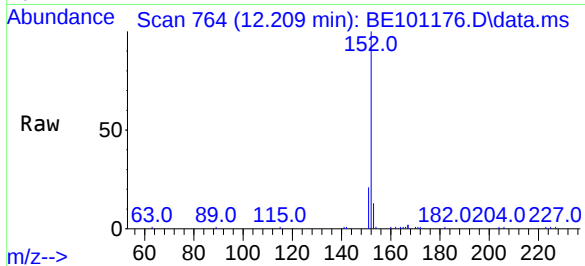




#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

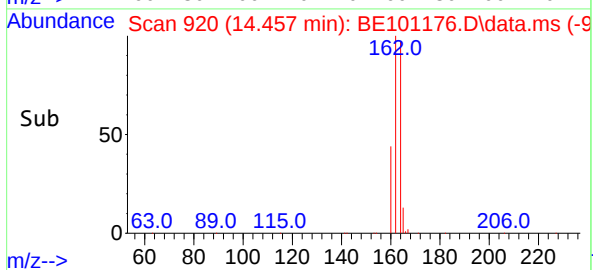
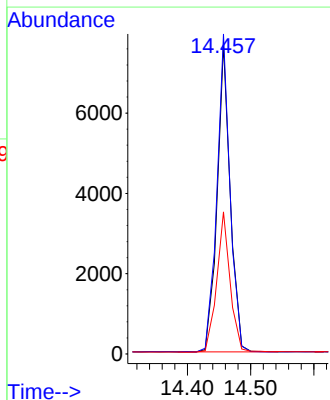
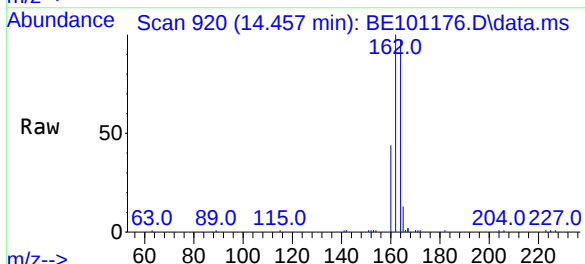
Instrument :
BNA_E
ClientSampleId :
RE114D2-20210325

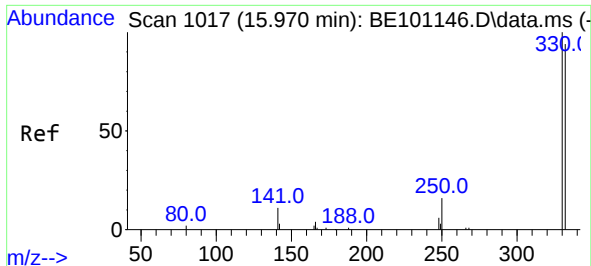
Tgt Ion:152 Resp: 10943
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Tgt Ion:164 Resp: 11022
Ion Ratio Lower Upper
164 100
162 103.4 76.6 115.0
160 45.9 34.5 51.7

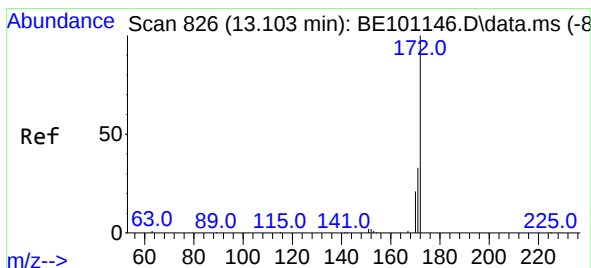
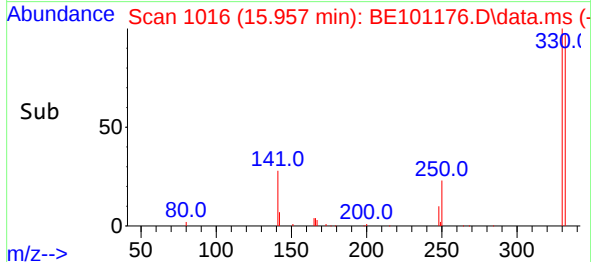
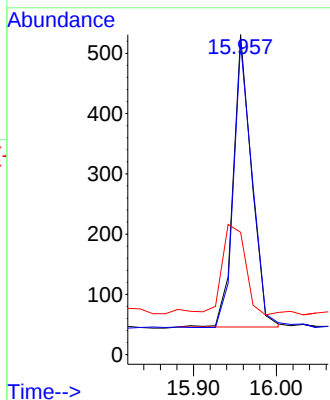
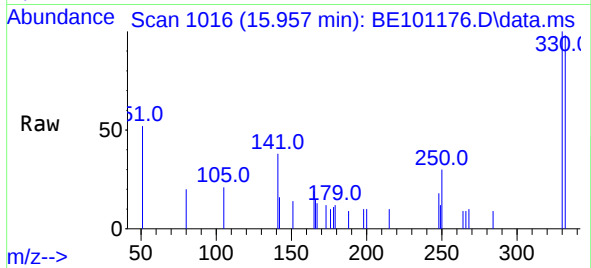




#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.957 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

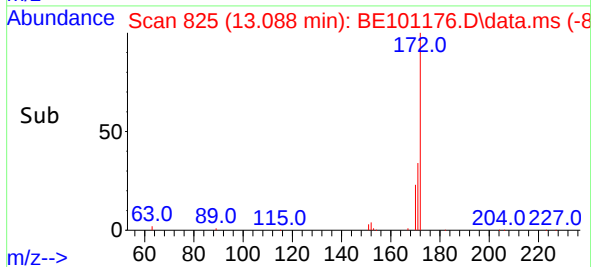
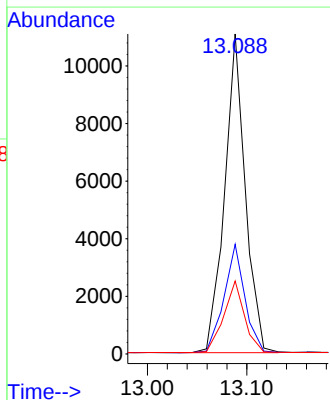
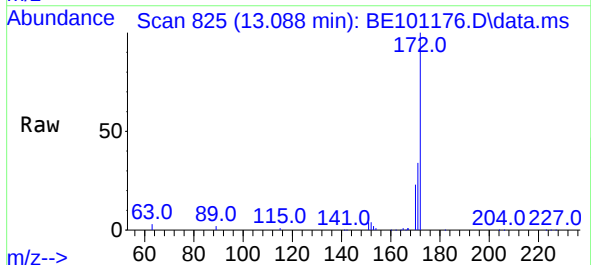
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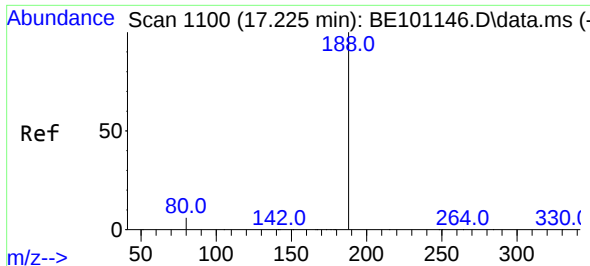
Tgt Ion: 330 Resp: 747
Ion Ratio Lower Upper
330 100
332 98.5 69.1 103.7
141 39.1 30.6 45.8



#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Tgt Ion: 172 Resp: 15971
Ion Ratio Lower Upper
172 100
171 34.2 26.4 39.6
170 22.8 17.4 26.0

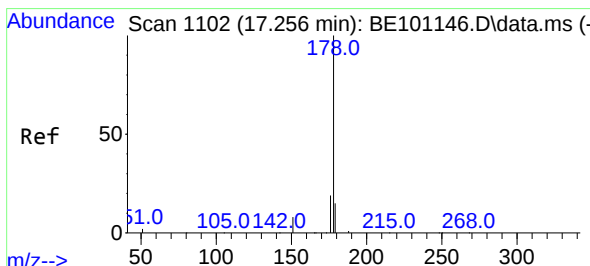
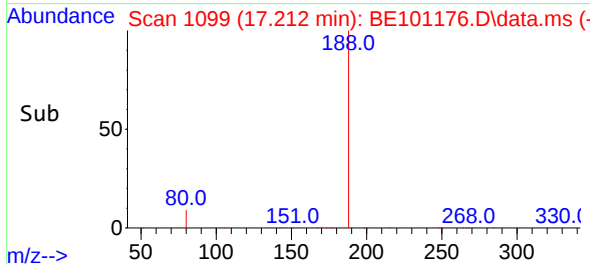
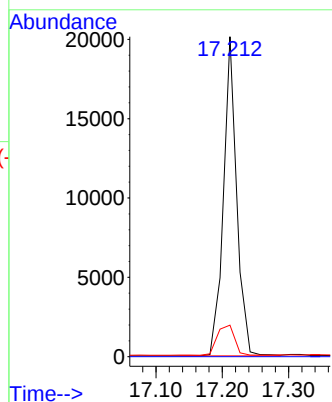
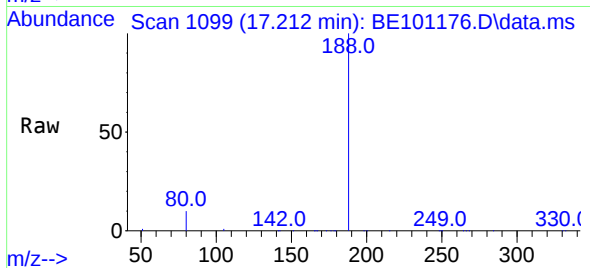




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.212 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

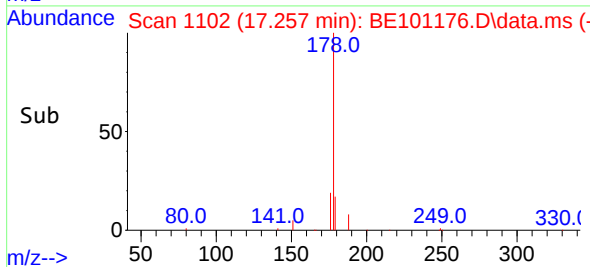
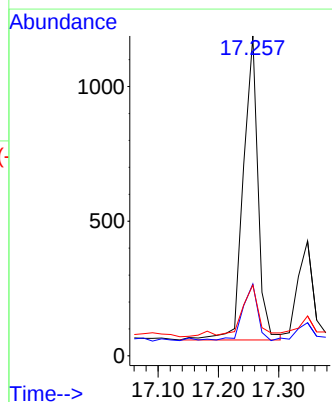
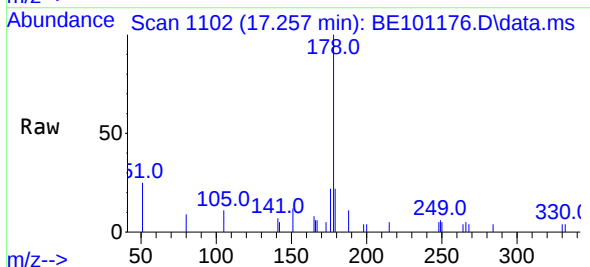
Instrument :
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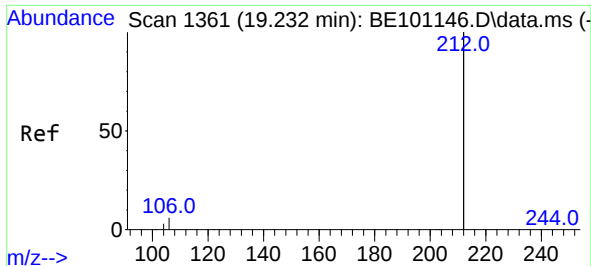
Tgt Ion:188 Resp: 27986
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 4.8 7.2#



#25
Phenanthrene
Concen: 0.02 ng
RT: 17.257 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Tgt Ion:178 Resp: 1913
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 17.1 12.4 18.6

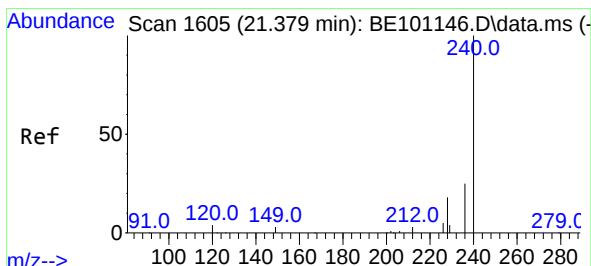
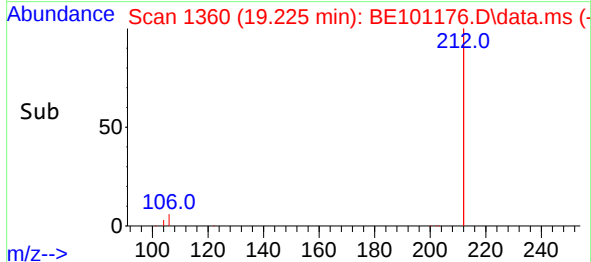
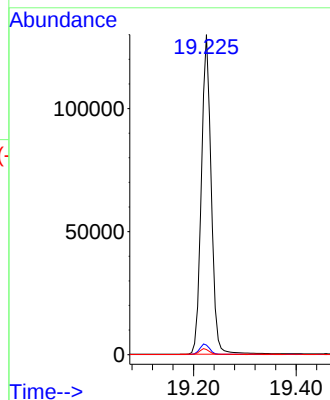
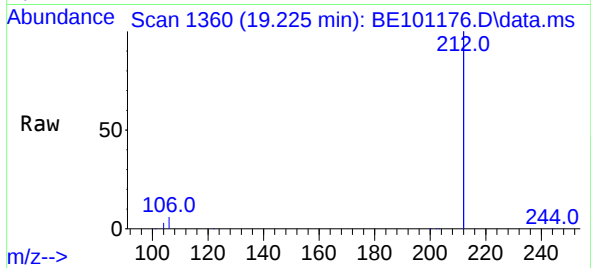




#27
Fluoranthene-d10
Concen: 0.49 ng
RT: 19.225 min Scan# 1360
Delta R.T. -0.001 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

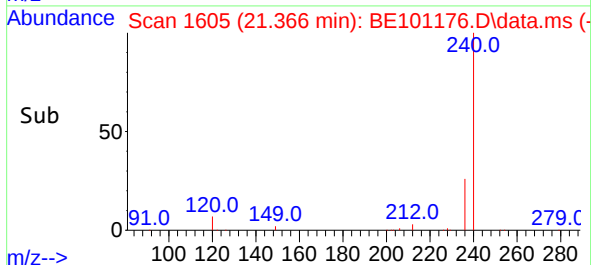
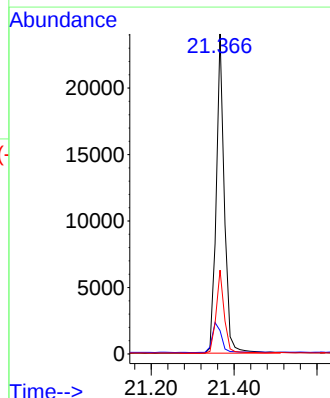
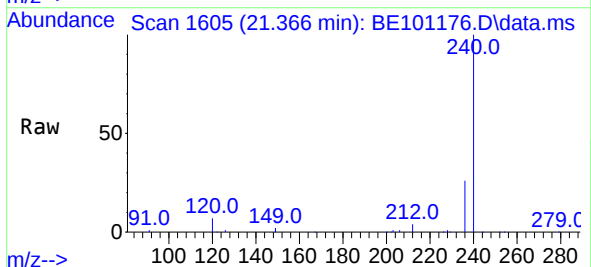
Instrument :
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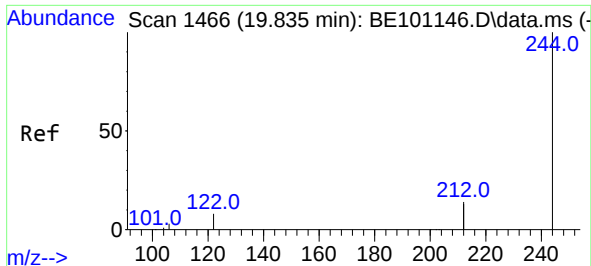
Tgt Ion:212 Resp: 172762
Ion Ratio Lower Upper
212 100
106 3.3 2.6 3.8
104 1.9 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Tgt Ion:240 Resp: 32803
Ion Ratio Lower Upper
240 100
120 7.3 4.1 6.1#
236 26.2 20.3 30.5

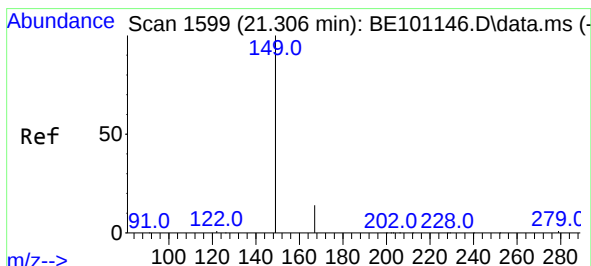
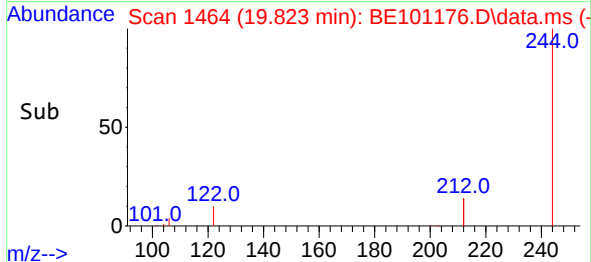
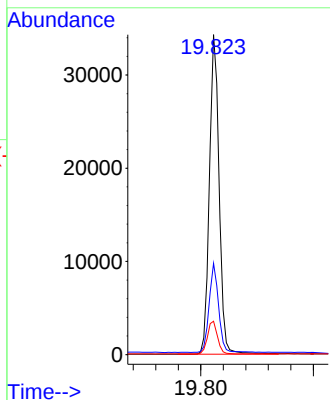
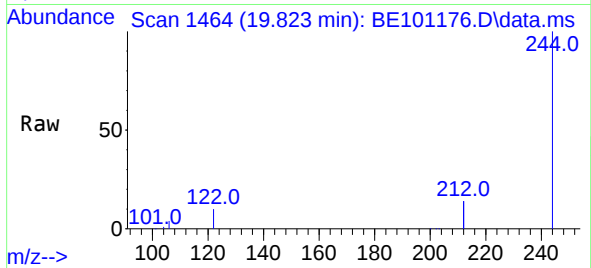




#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.823 min Scan# 1464
Delta R.T. -0.001 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

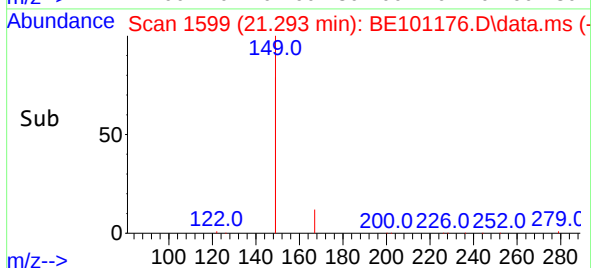
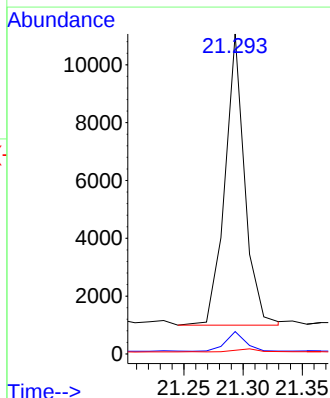
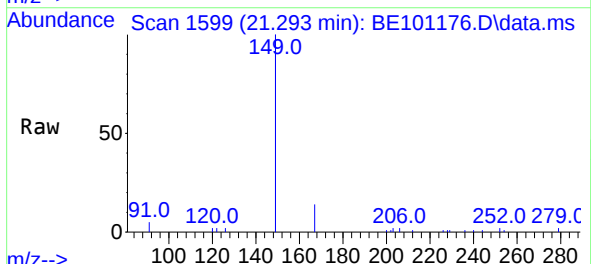
Instrument :
BNA_E
ClientSampleId :
RE114D2-20210325

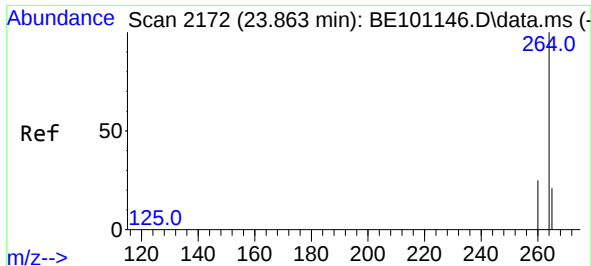
Tgt Ion:244 Resp: 41028
Ion Ratio Lower Upper
244 100
212 28.6 21.7 32.5
122 10.5 6.6 10.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.293 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Tgt Ion:149 Resp: 11688
Ion Ratio Lower Upper
149 100
167 6.7 5.4 8.2
279 1.4 0.9 1.3#



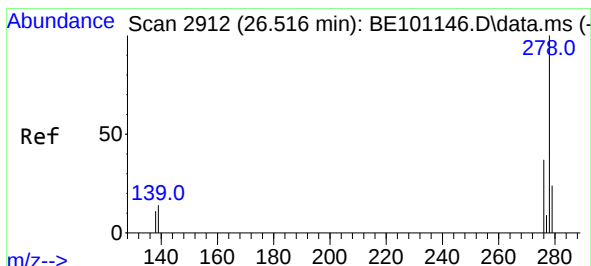
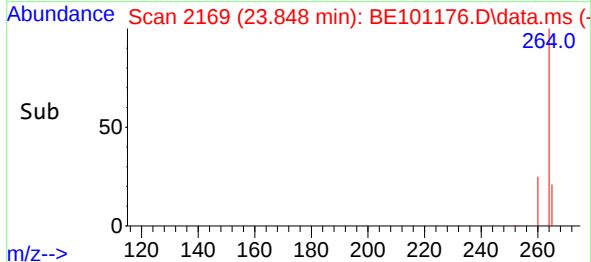
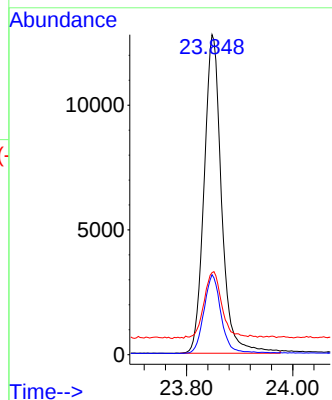
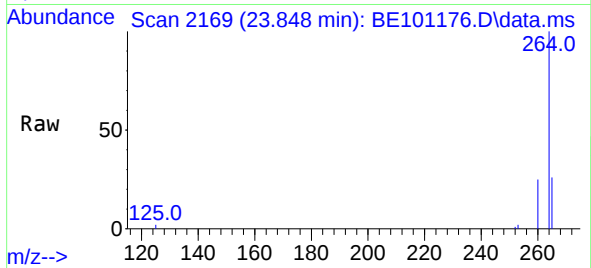


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.848 min Scan# 2169
Delta R.T. -0.004 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Instrument :
BNA_E
ClientSampleId :
RE114D2-20210325

Tgt Ion:264 Resp: 29093

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	25.7	20.6	30.8



#40
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.498 min Scan# 2908
Delta R.T. -0.001 min
Lab File: BE101176.D
Acq: 1 Apr 2021 14:15

Tgt Ion:278 Resp: 612

Ion	Ratio	Lower	Upper
278	100		
139	42.6	12.0	18.0#
279	53.0	20.2	30.4#

