

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
 Data File : BE101185.D
 Acq On : 1 Apr 2021 19:49
 Operator : CG/JU
 Sample : M1843-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RW4-20210324

Quant Time: Apr 02 02:28:13 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)

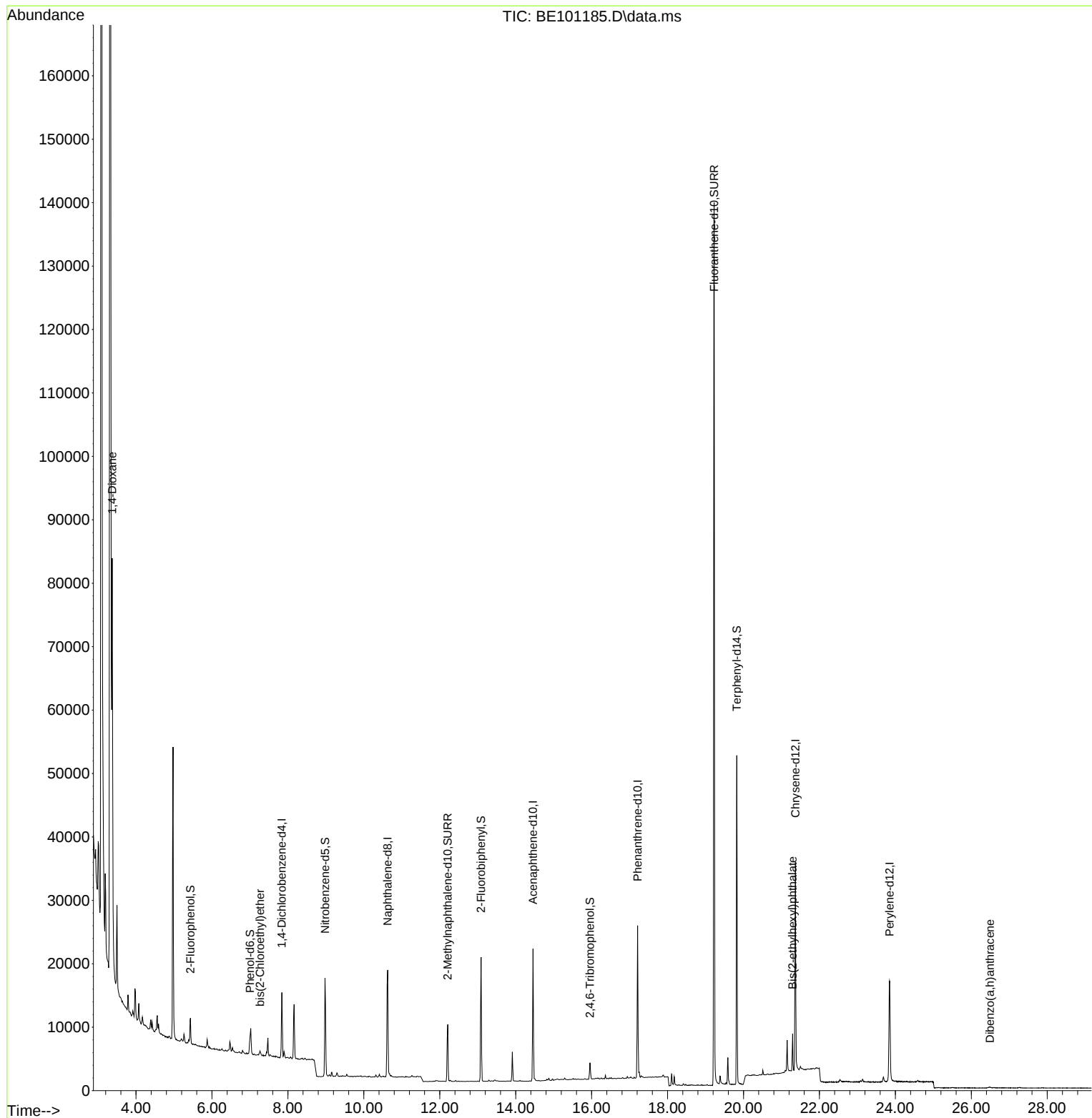
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	4512	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	18999	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	11663	0.40	ng	-0.01
19) Phenanthrene-d10	17.211	188	30393	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	33746	0.40	ng	#-0.01
36) Perylene-d12	23.845	264	24809	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.434	112	2105	0.20	ng	0.00
5) Phenol-d6	7.000	99	1816	0.11	ng	0.00
8) Nitrobenzene-d5	8.978	82	5757	0.51	ng	-0.01
11) 2-Methylnaphthalene-d10	12.210	152	12064	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1437	0.69	ng	-0.01
15) 2-Fluorobiphenyl	13.089	172	17027	0.39	ng	-0.01
27) Fluoranthene-d10	19.226	212	187620	0.49	ng	0.00
31) Terphenyl-d14	19.824	244	46773	0.61	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	27225	3.72	ng	96
6) bis(2-Chloroethyl)ether	7.265	93	341	0.02	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.294	149	6620	0.12	ng	# 98
40) Dibenzo(a,h)anthracene	26.488	278	83	0.10	ng	# 1

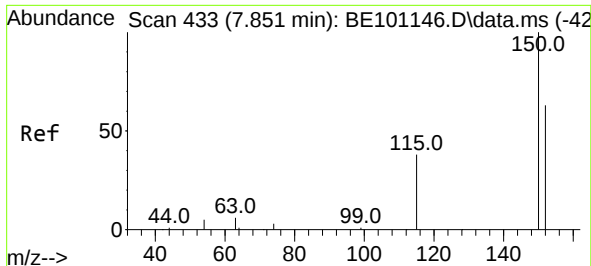
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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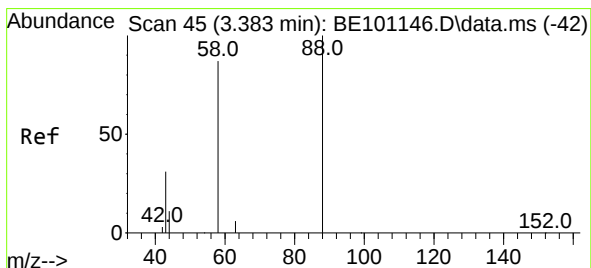
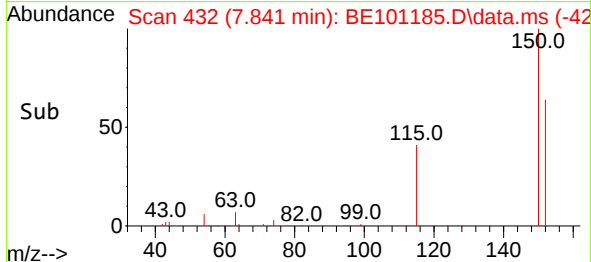
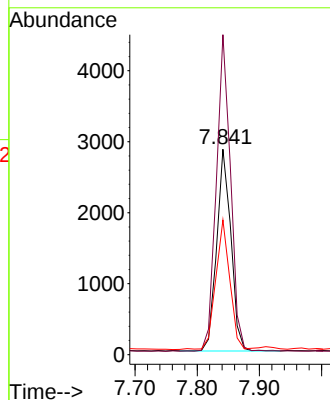
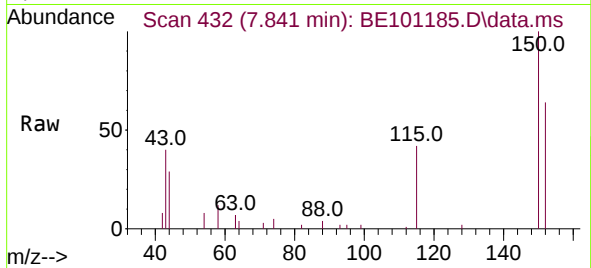




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.841 min Scan# 432
 Delta R.T. -0.010 min
 Lab File: BE101185.D
 Acq: 1 Apr 2021 19:49

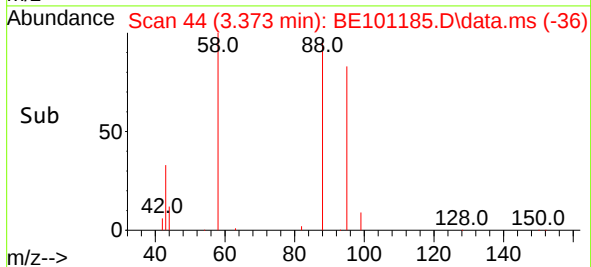
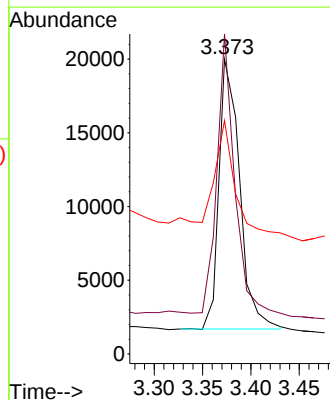
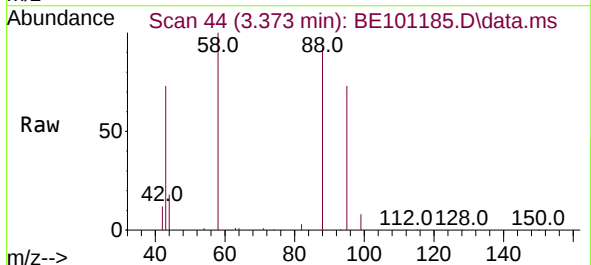
Instrument :
 BNA_E
 ClientSampleId :
 RW4-20210324

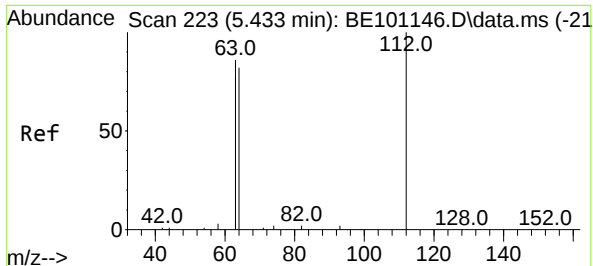
Tgt Ion:152 Resp: 4512
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.3 189.5
 115 65.5 48.9 73.3



#2
 1,4-Dioxane
 Concen: 3.72 ng
 RT: 3.373 min Scan# 44
 Delta R.T. -0.010 min
 Lab File: BE101185.D
 Acq: 1 Apr 2021 19:49

Tgt Ion: 88 Resp: 27225
 Ion Ratio Lower Upper
 88 100
 58 87.3 68.5 102.7
 43 39.0 27.2 40.8

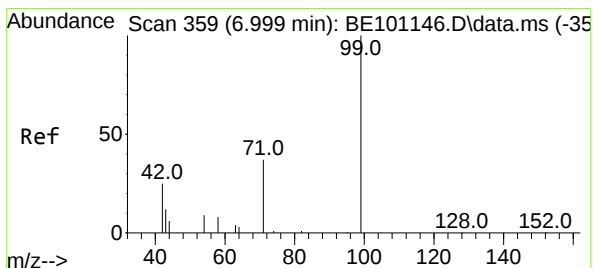
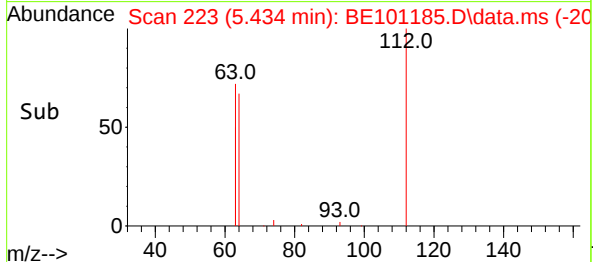
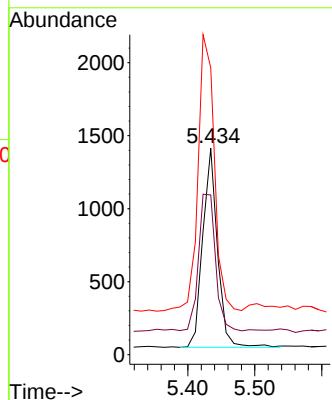
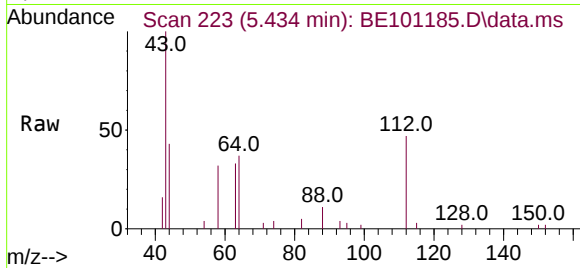




#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.434 min Scan# 223
Delta R.T. 0.002 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

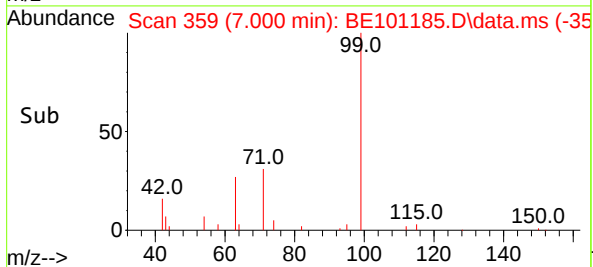
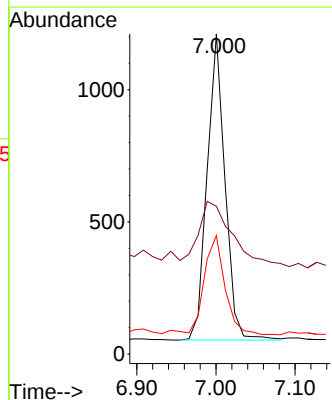
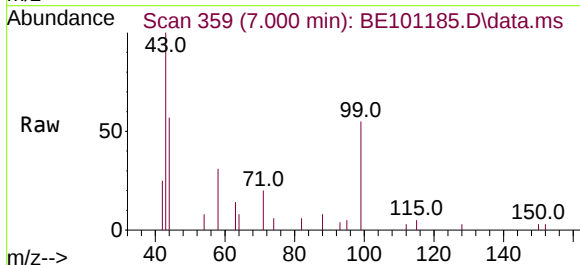
Instrument :
BNA_E
ClientSampleId :
RW4-20210324

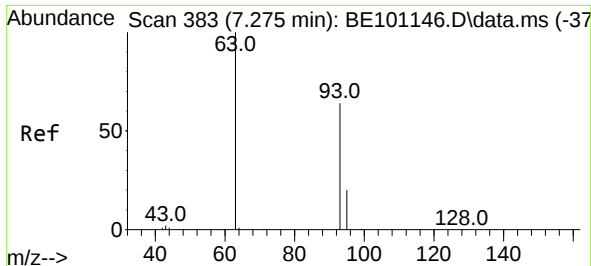
Tgt Ion:112 Resp: 2105
Ion Ratio Lower Upper
112 100
64 79.9 60.8 91.2
63 158.4 119.4 179.0



#5
Phenol-d6
Concen: 0.11 ng
RT: 7.000 min Scan# 359
Delta R.T. 0.002 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

Tgt Ion: 99 Resp: 1816
Ion Ratio Lower Upper
99 100
42 43.3 18.8 28.2#
71 38.7 26.3 39.5

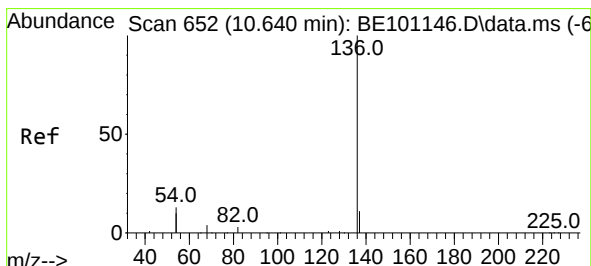
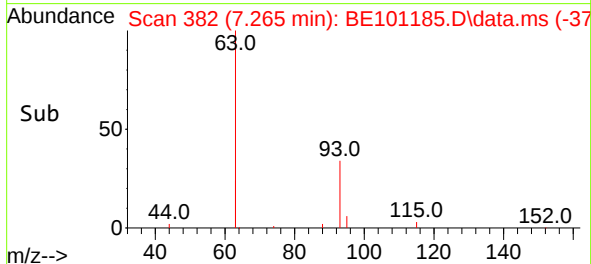
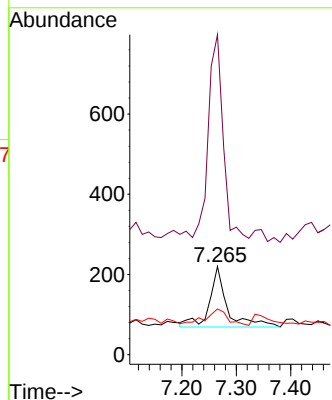
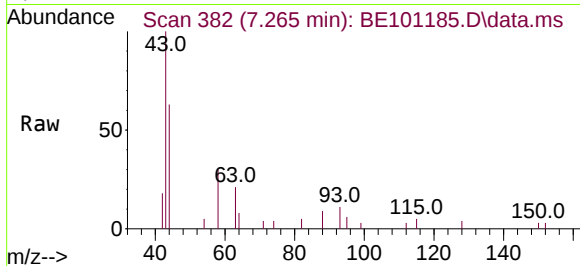




#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.265 min Scan# 382
Delta R.T. -0.010 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

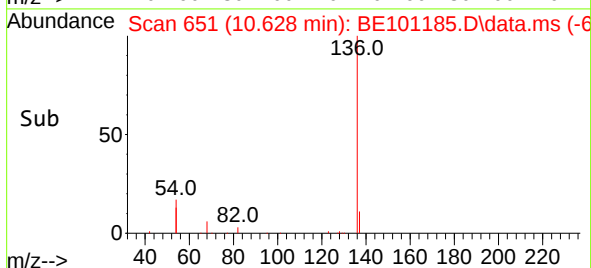
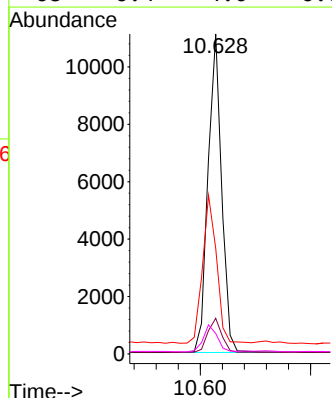
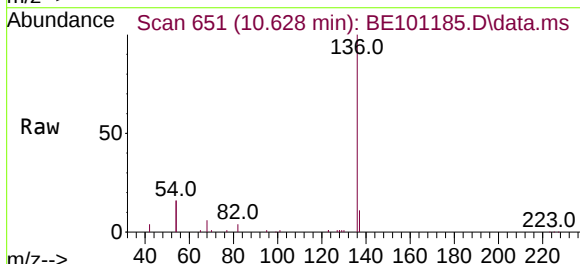
Instrument :
BNA_E
ClientSampleId :
RW4-20210324

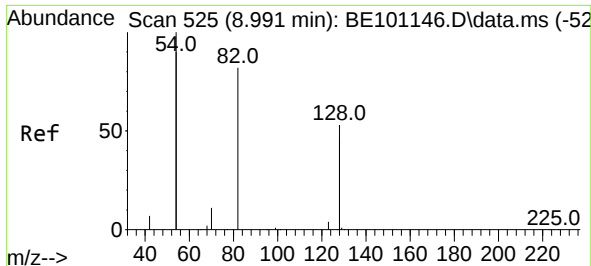
Tgt Ion: 93 Resp: 341
Ion Ratio Lower Upper
93 100
63 280.6 292.5 438.7#
95 34.3 25.8 38.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. -0.012 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

Tgt Ion: 136 Resp: 18999
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 33.0 20.2 30.4#
68 6.4 4.0 6.0#

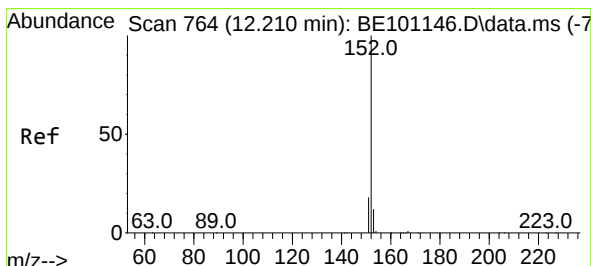
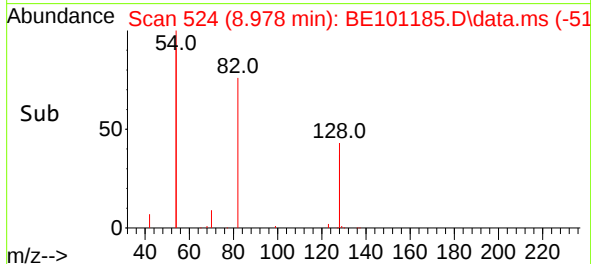
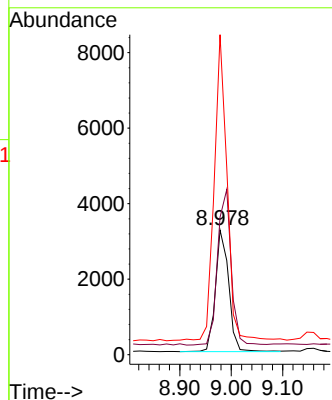
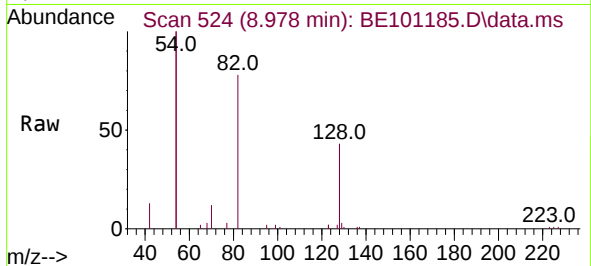




#8
Nitrobenzene-d5
Concen: 0.51 ng
RT: 8.978 min Scan# 524
Delta R.T. -0.012 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

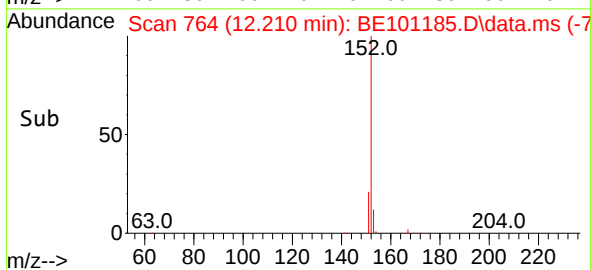
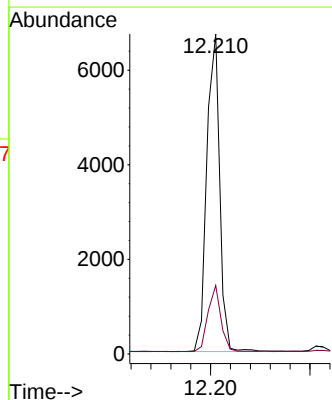
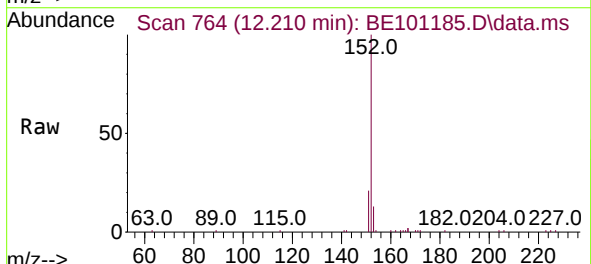
Instrument :
BNA_E
ClientSampled :
RW4-20210324

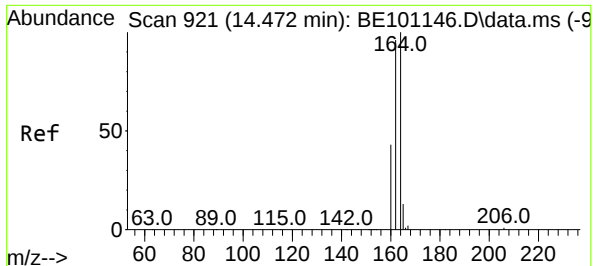
Tgt Ion: 82 Resp: 5757
Ion Ratio Lower Upper
82 100
128 110.2 101.5 152.3
54 256.6 189.8 284.6



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

Tgt Ion: 152 Resp: 12064
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8

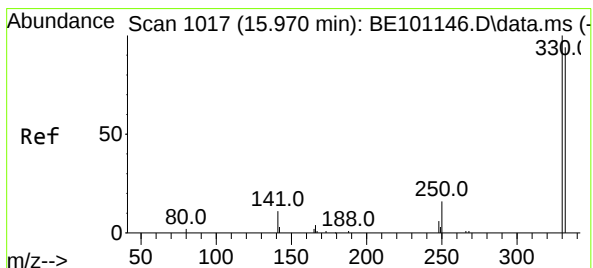
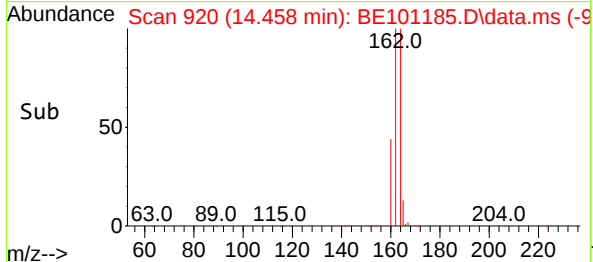
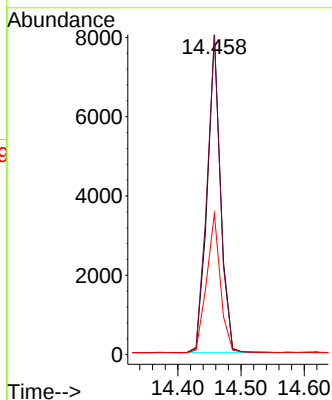
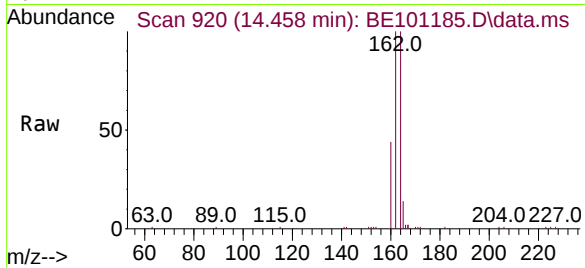




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.458 min Scan# 920
 Delta R.T. -0.014 min
 Lab File: BE101185.D
 Acq: 1 Apr 2021 19:49

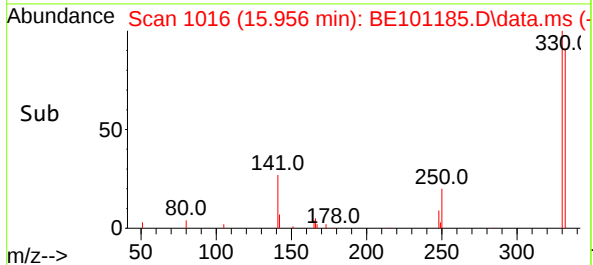
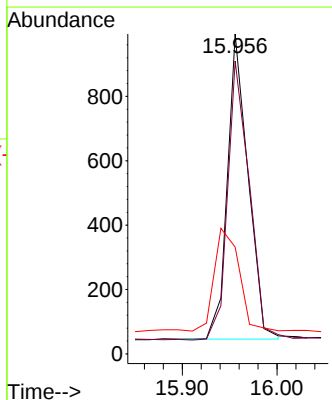
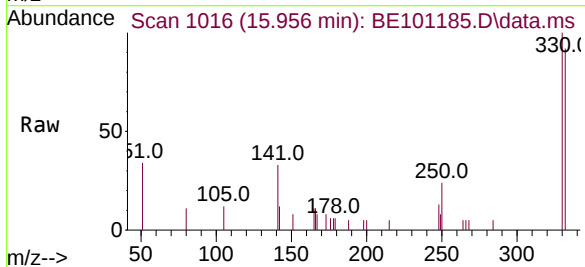
Instrument :
 BNA_E
 ClientSampleId :
 RW4-20210324

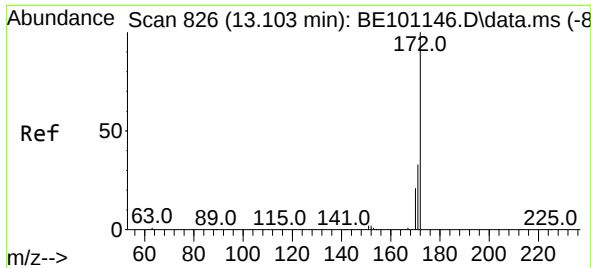
Tgt Ion:164	Resp:	11663
Ion Ratio	Lower	Upper
164	100	
162	100.2	76.6 115.0
160	44.1	34.5 51.7



#14
 2,4,6-Tribromophenol
 Concen: 0.69 ng
 RT: 15.956 min Scan# 1016
 Delta R.T. -0.015 min
 Lab File: BE101185.D
 Acq: 1 Apr 2021 19:49

Tgt Ion:330	Resp:	1437
Ion Ratio	Lower	Upper
330	100	
332	95.9	69.1 103.7
141	39.8	30.6 45.8

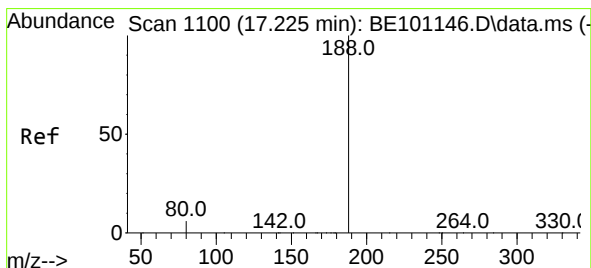
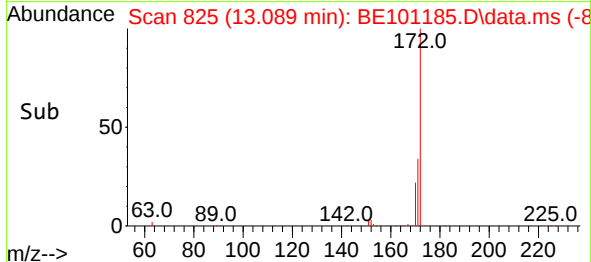
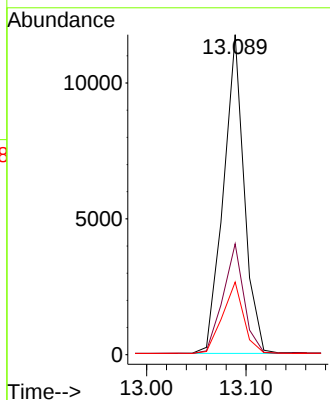
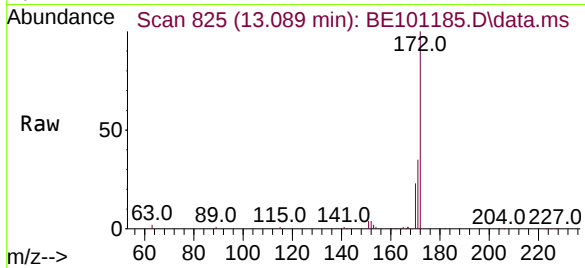




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.089 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

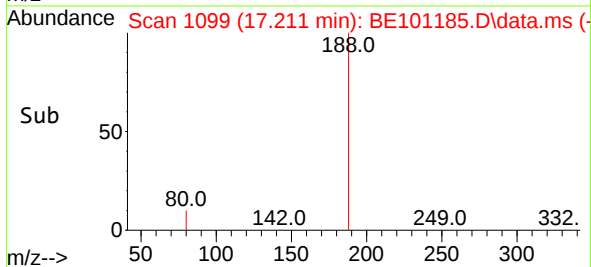
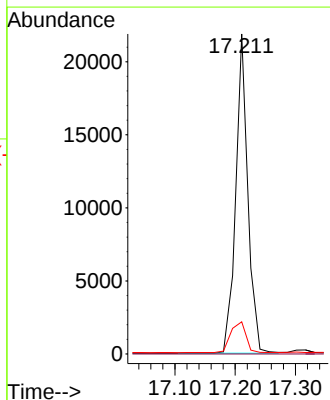
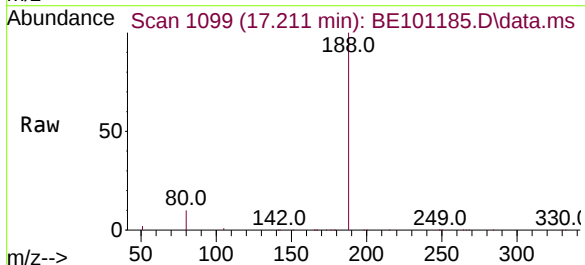
Instrument :
BNA_E
ClientSampleId :
RW4-20210324

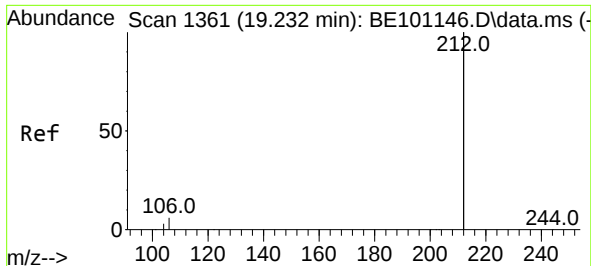
Tgt Ion:172	Resp:	17027
Ion Ratio	Lower	Upper
172	100	
171	34.7	26.4 39.6
170	22.7	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.015 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

Tgt Ion:188	Resp:	30393
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.0	4.8 7.2#

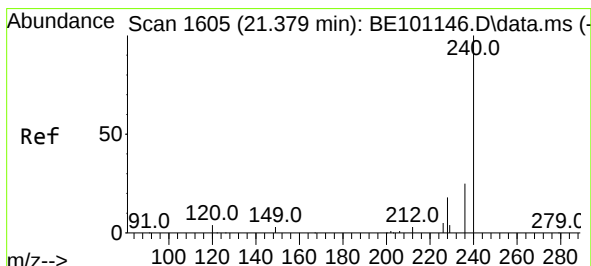
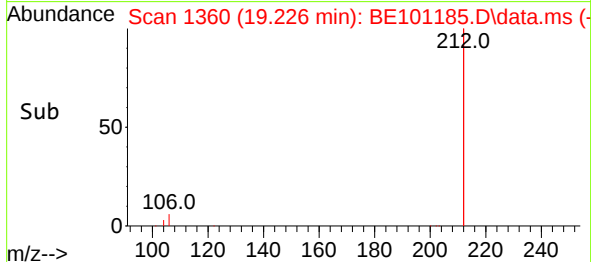
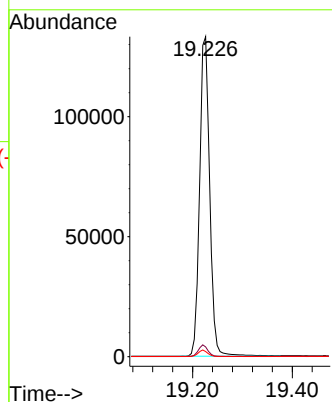
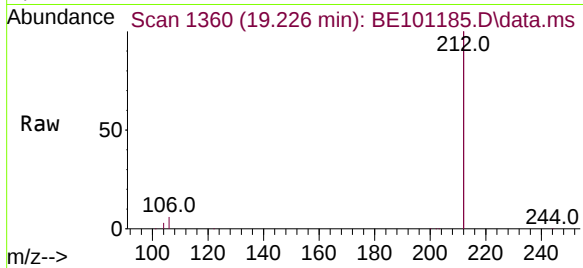




#27
Fluoranthene-d10
Concen: 0.49 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

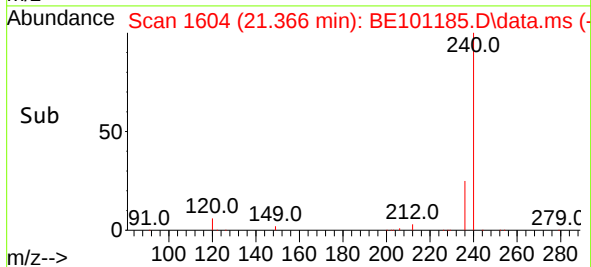
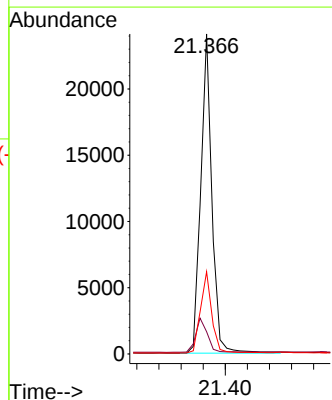
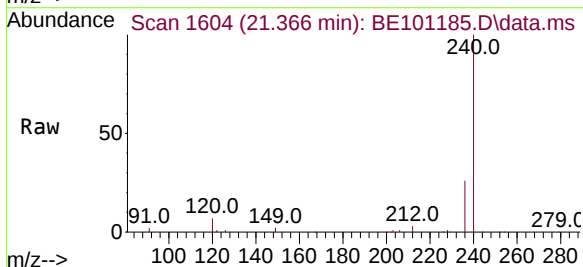
Instrument :
BNA_E
ClientSampleId :
RW4-20210324

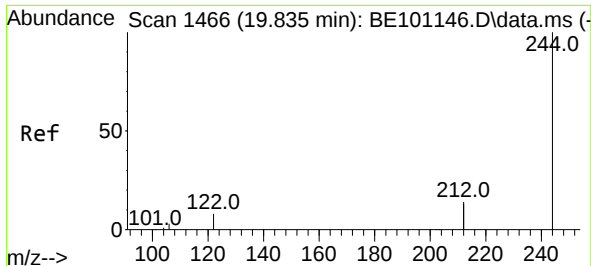
Tgt Ion:212 Resp: 187620
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 1.9 1.4 2.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

Tgt Ion:240 Resp: 33746
Ion Ratio Lower Upper
240 100
120 7.0 4.1 6.1#
236 25.7 20.3 30.5

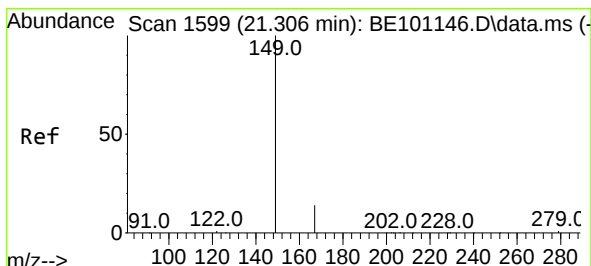
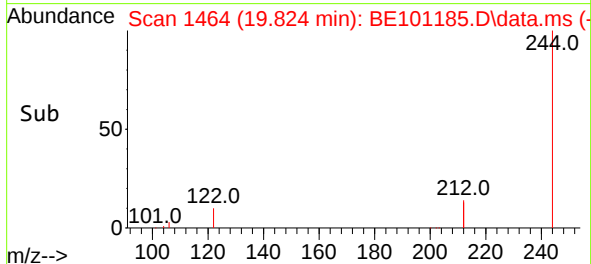
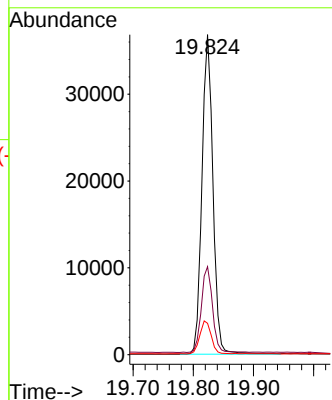
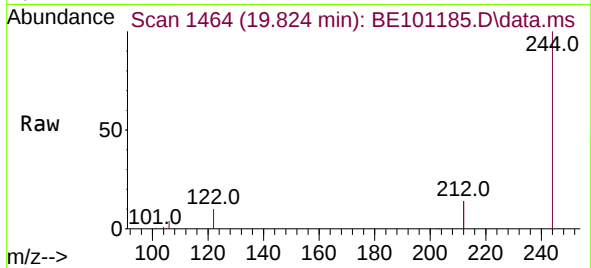




#31
Terphenyl-d14
Concen: 0.61 ng
RT: 19.824 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

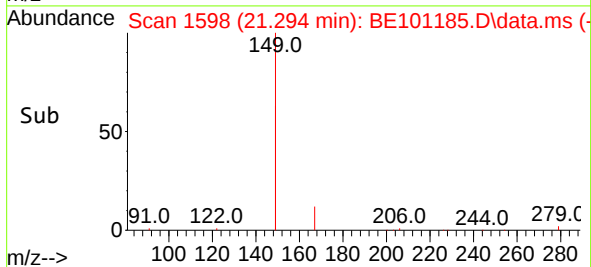
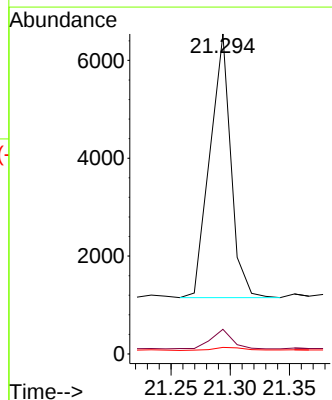
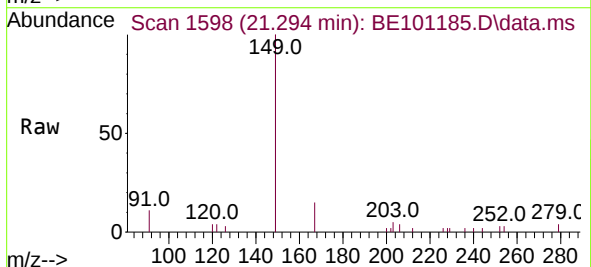
Instrument :
BNA_E
ClientSampleId :
RW4-20210324

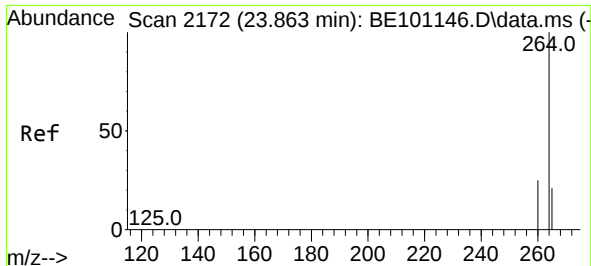
Tgt Ion:244 Resp: 46773
Ion Ratio Lower Upper
244 100
212 27.5 21.7 32.5
122 9.8 6.6 10.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.294 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BE101185.D
Acq: 1 Apr 2021 19:49

Tgt Ion:149 Resp: 6620
Ion Ratio Lower Upper
149 100
167 7.4 5.4 8.2
279 1.8 0.9 1.3#

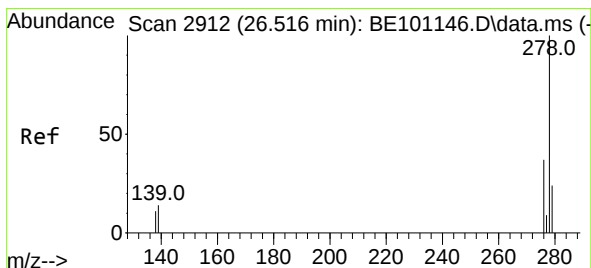
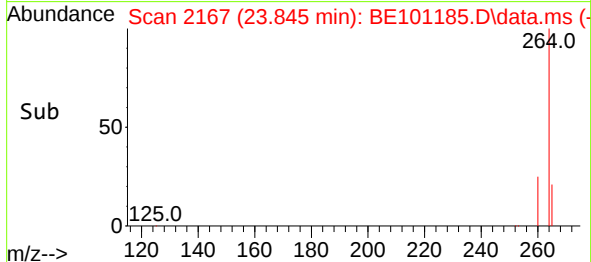
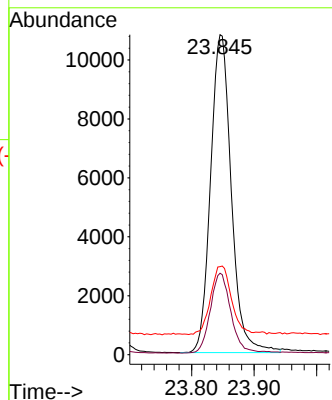
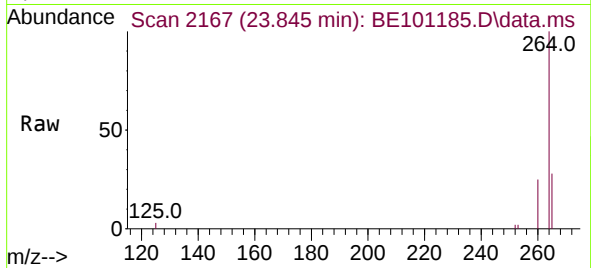




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.845 min Scan# 2167
 Delta R.T. -0.018 min
 Lab File: BE101185.D
 Acq: 1 Apr 2021 19:49

Instrument :
 BNA_E
 ClientSampleId :
 RW4-20210324

Tgt Ion:264	Resp:	24809
Ion Ratio	Lower	Upper
264	100	
260	25.5	20.5 30.7
265	27.5	20.6 30.8



#40
 Dibenzo(a,h)anthracene
 Concen: 0.10 ng
 RT: 26.488 min Scan# 2904
 Delta R.T. -0.028 min
 Lab File: BE101185.D
 Acq: 1 Apr 2021 19:49

Tgt Ion:278	Resp:	83
Ion Ratio	Lower	Upper
278	100	
139	78.3	12.0 18.0#
279	100.0	20.2 30.4#

