

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101168.D
 Acq On : 31 Mar 2021 18:51
 Operator : CG/JU
 Sample : M1843-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE115D1-20210325

Quant Time: Apr 01 01:40:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:11:33 2021
 Response via : Initial Calibration

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

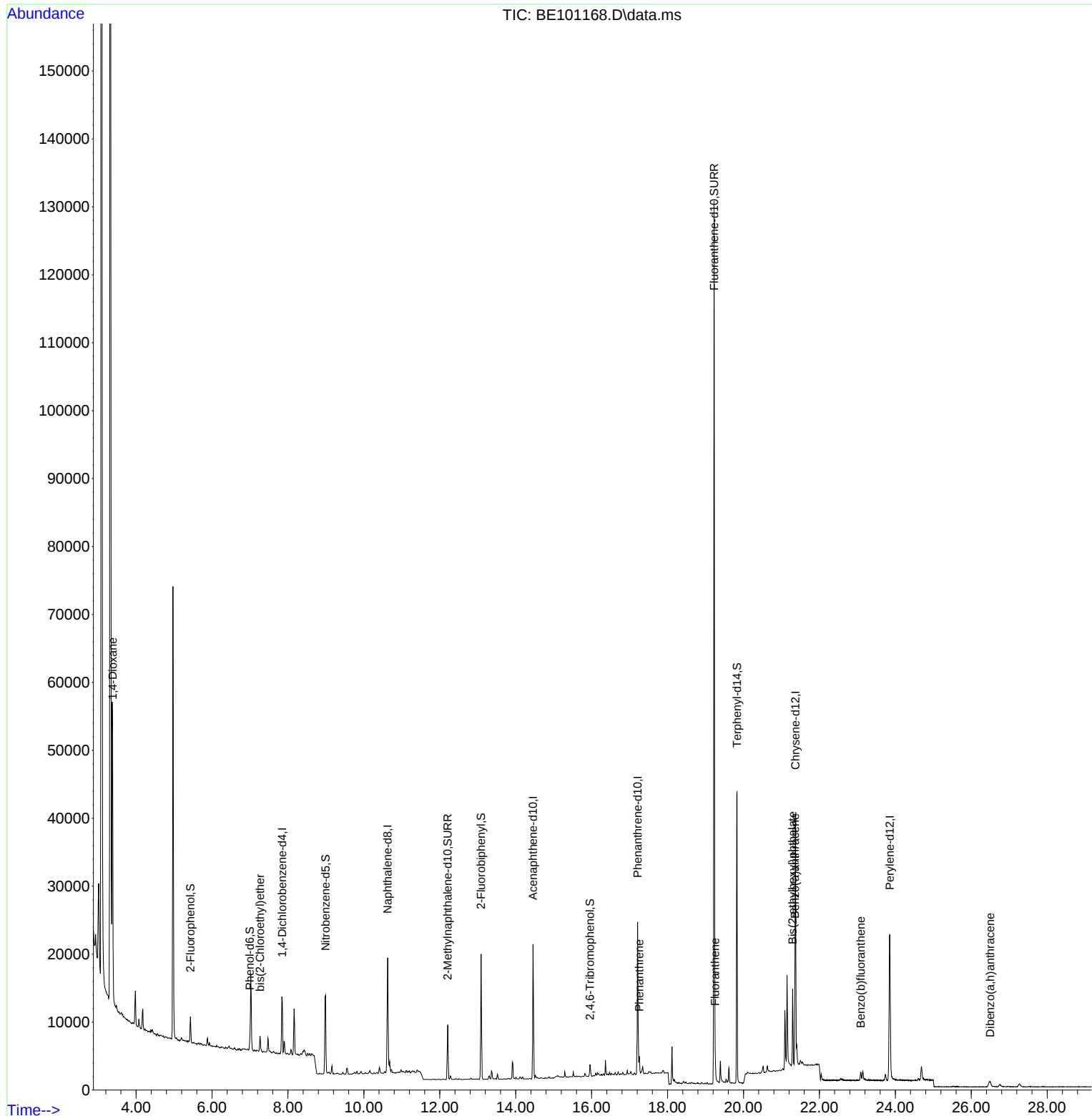
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4016	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	17389	0.40	ng	#-0.01
13) Acenaphthene-d10	14.457	164	11265	0.40	ng	-0.02
19) Phenanthrene-d10	17.212	188	28853	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	36372	0.40	ng	#-0.01
36) Perylene-d12	23.852	264	33273	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1838	0.19	ng	0.00
5) Phenol-d6	6.998	99	1590	0.11	ng	0.00
8) Nitrobenzene-d5	8.991	82	4695	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.209	152	9705	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	978	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	15357	0.36	ng	-0.02
27) Fluoranthene-d10	19.225	212	170613	0.47	ng	0.00
31) Terphenyl-d14	19.828	244	39963	0.48	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	26583	4.08	ng	# 90
6) bis(2-Chloroethyl)ether	7.263	93	759	0.06	ng	96
25) Phenanthrene	17.257	178	2945	0.04	ng	99
28) Fluoranthene	19.254	202	2124	0.02	ng	# 87
32) Benzo(a)anthracene	21.354	228	1913	0.02	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.293	149	13087	0.21	ng	99
37) Benzo(b)fluoranthene	23.089	252	1756	0.02	ng	# 58
40) Dibenzo(a,h)anthracene	26.499	278	1118	0.12	ng	# 48

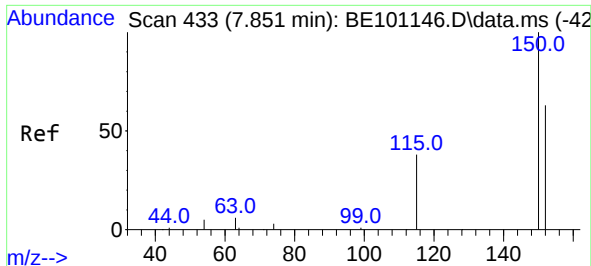
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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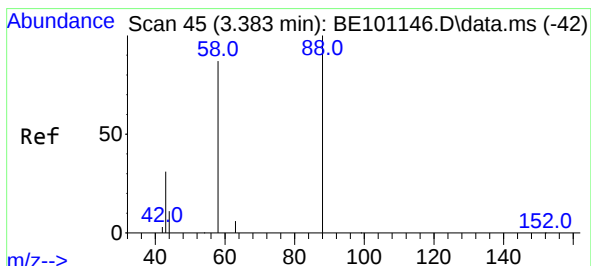
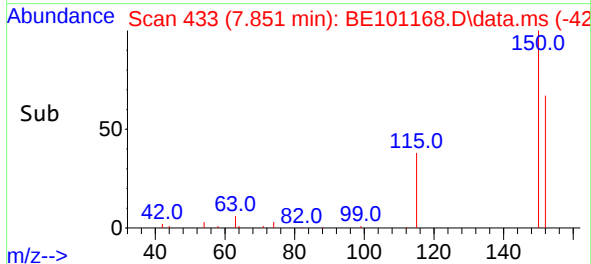
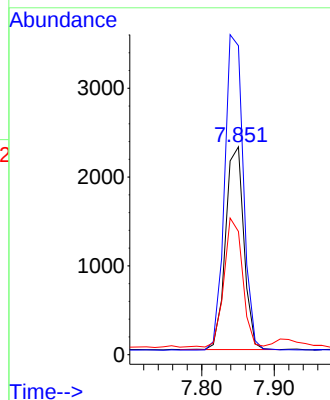
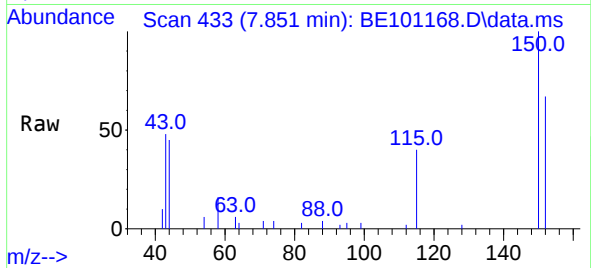




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.851 min Scan# 433
Delta R.T. -0.000 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

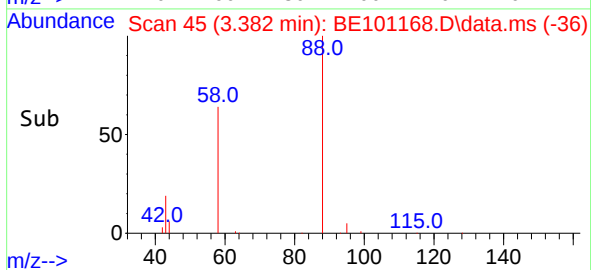
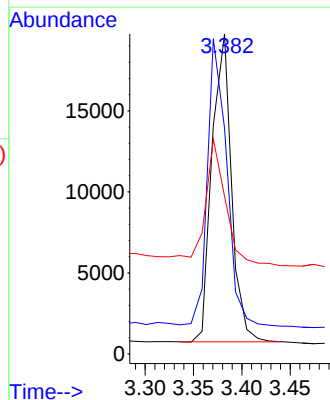
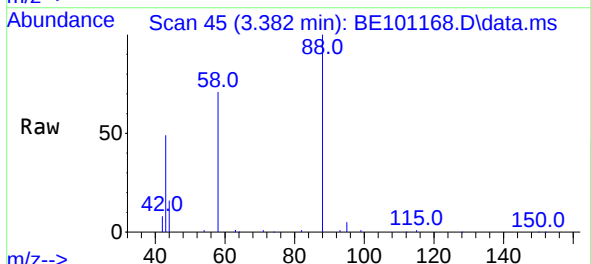
Instrument :
BNA_E
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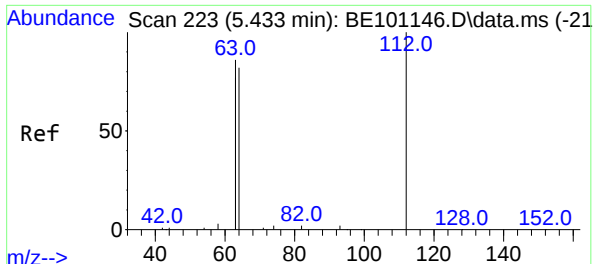
Tgt Ion:152 Resp: 4016
Ion Ratio Lower Upper
152 100
150 148.7 126.3 189.5
115 59.3 48.9 73.3



#2
1,4-Dioxane
Concen: 4.08 ng
RT: 3.382 min Scan# 45
Delta R.T. -0.001 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion: 88 Resp: 26583
Ion Ratio Lower Upper
88 100
58 91.5 68.5 102.7
43 43.9 27.2 40.8#

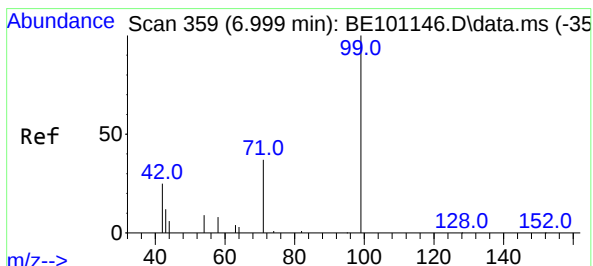
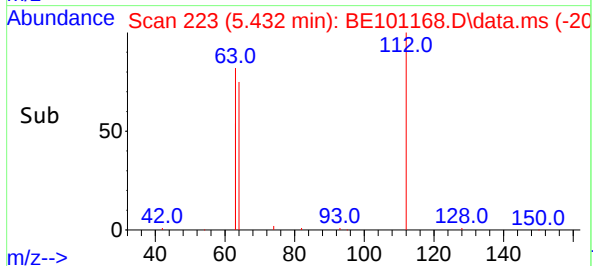
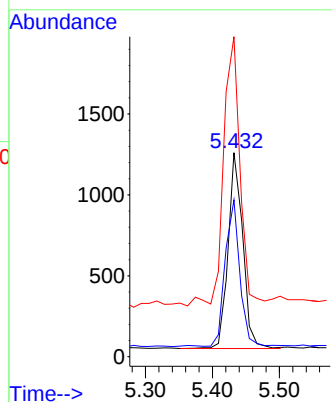
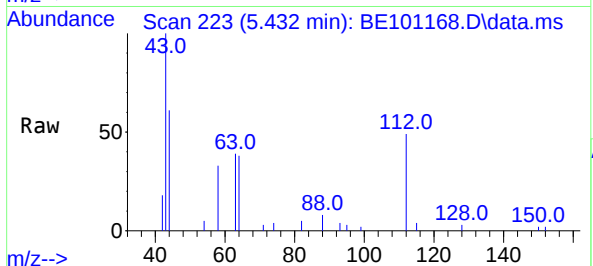




#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

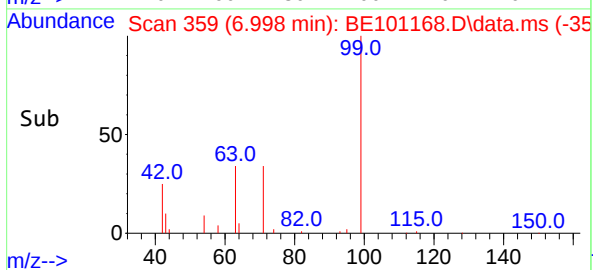
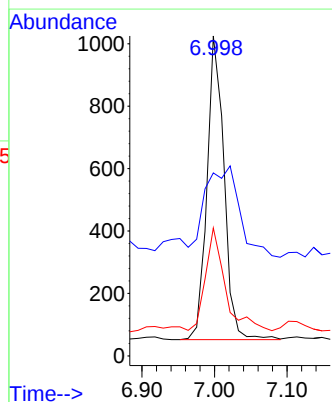
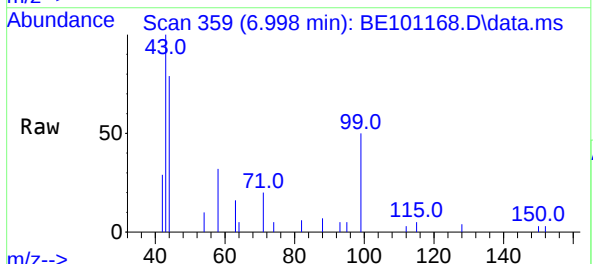
Instrument :
BNA_E
ClientSampleId :
RE115D1-20210325

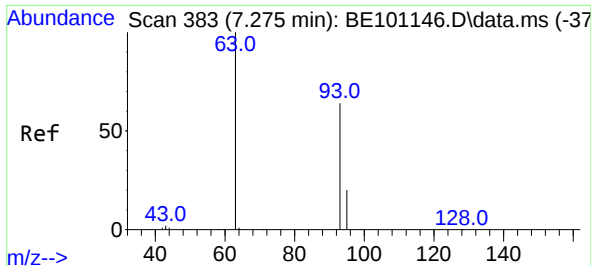
Tgt Ion:112 Resp: 1838
Ion Ratio Lower Upper
112 100
64 74.5 60.8 91.2
63 154.1 119.4 179.0



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion: 99 Resp: 1590
Ion Ratio Lower Upper
99 100
42 0.0 18.8 28.2#
71 38.6 26.3 39.5

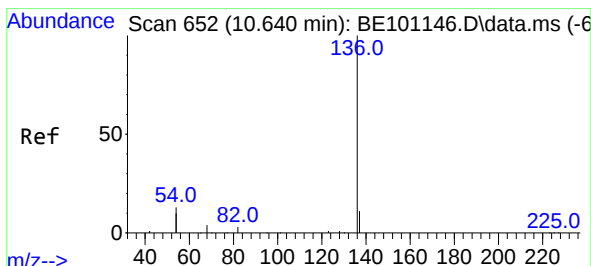
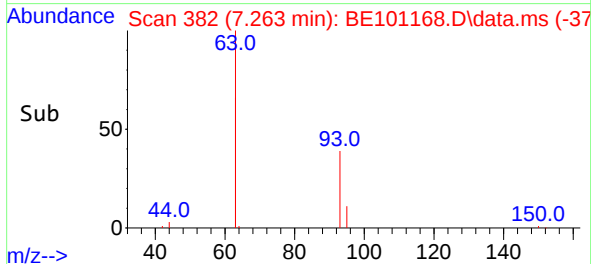
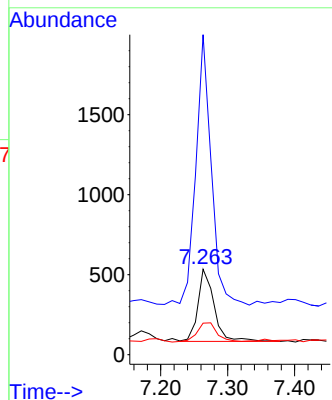
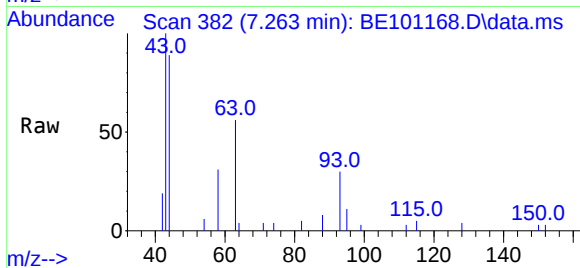




#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.263 min Scan# 382
Delta R.T. -0.012 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

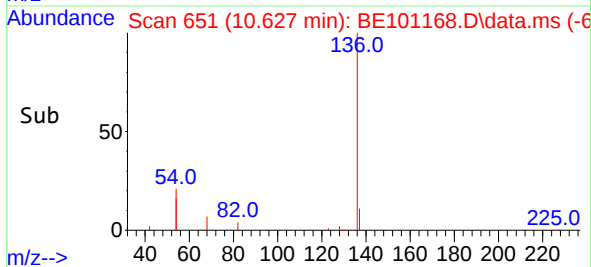
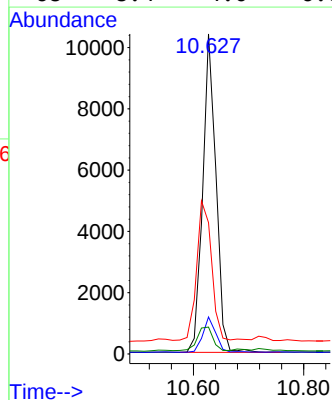
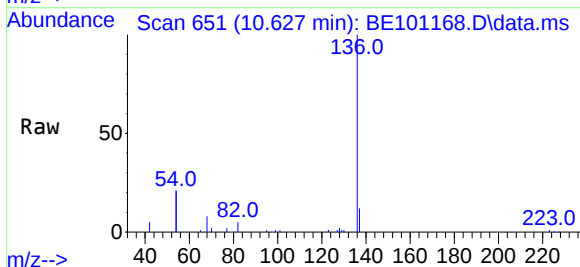
Instrument :
BNA_E
ClientSampleId :
RE115D1-20210325

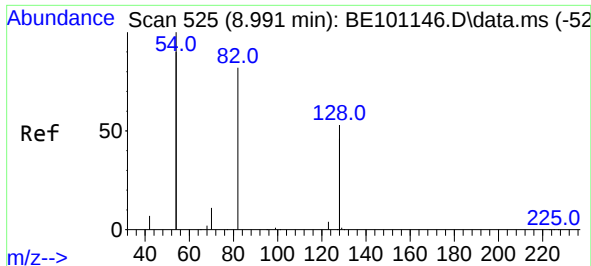
Tgt Ion:	93	Resp:	759
Ion	Ratio	Lower	Upper
93	100		
63	356.8	292.5	438.7
95	33.7	25.8	38.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion:	136	Resp:	17389
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	41.1	20.2	30.4#
68	8.4	4.0	6.0#

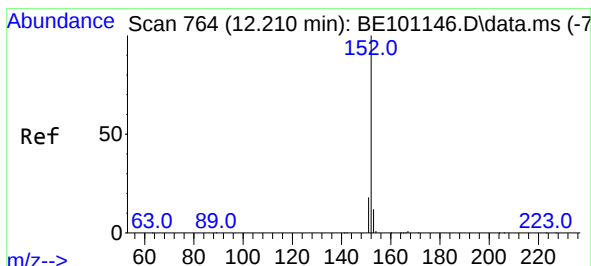
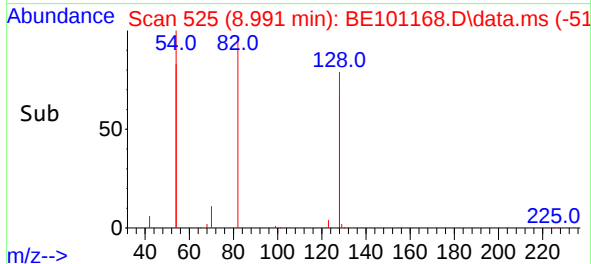
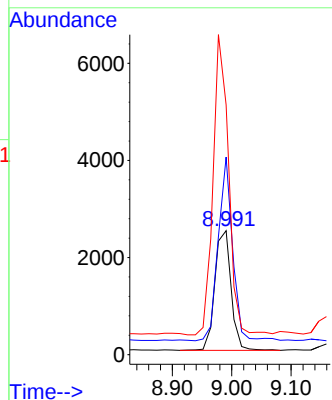
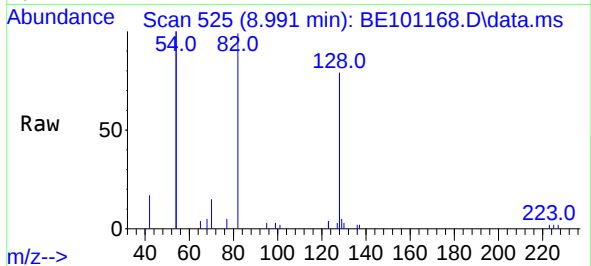




#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.991 min Scan# 525
Delta R.T. 0.000 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

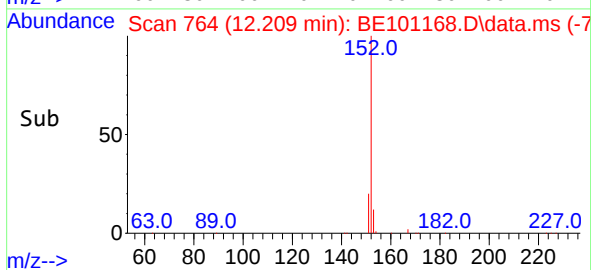
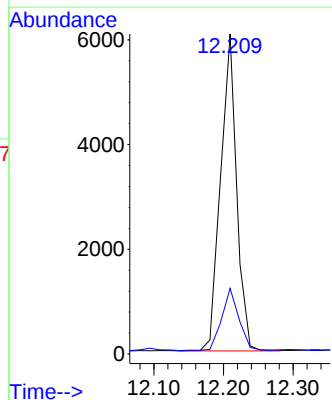
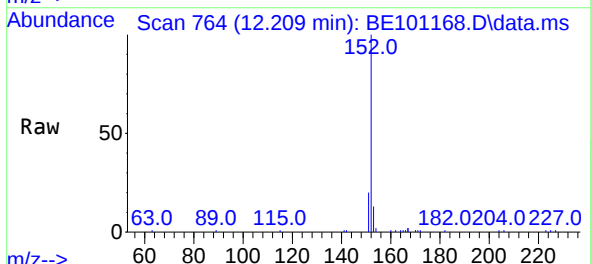
Instrument :
BNA_E
ClientSampleId :
RE115D1-20210325

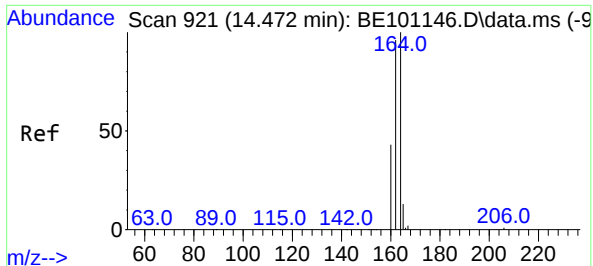
Tgt Ion: 82 Resp: 4695
Ion Ratio Lower Upper
82 100
128 159.4 101.5 152.3#
54 201.3 189.8 284.6



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.209 min Scan# 764
Delta R.T. -0.001 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion: 152 Resp: 9705
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8



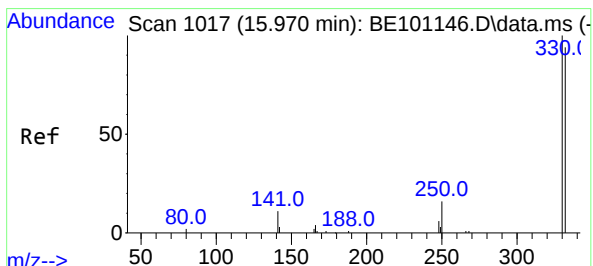
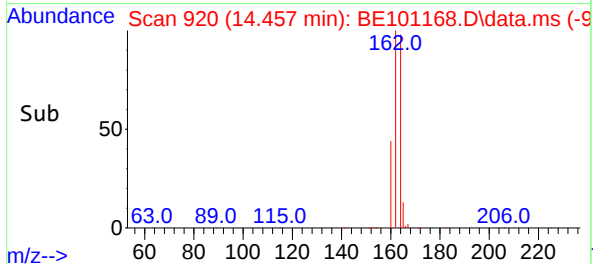
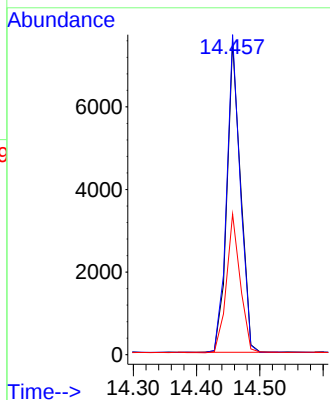
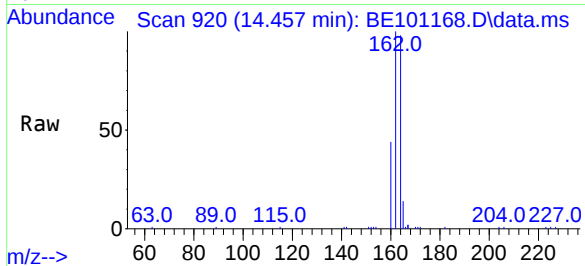


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.015 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Instrument :
BNA_E
ClientSampleId :
RE115D1-20210325

Tgt Ion:164 Resp: 11265

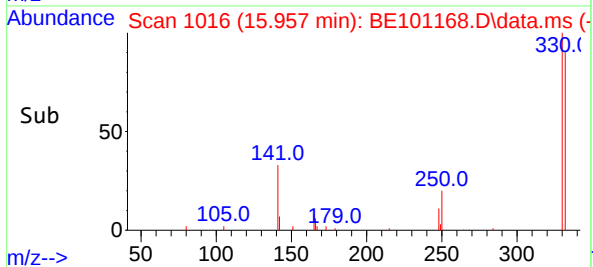
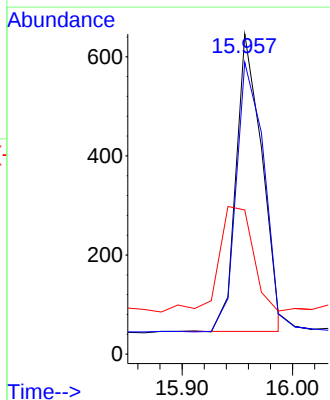
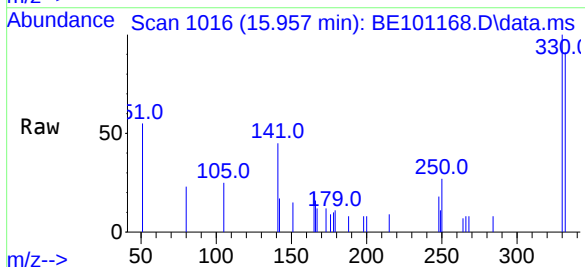
Ion	Ratio	Lower	Upper
164	100		
162	102.3	76.6	115.0
160	45.0	34.5	51.7

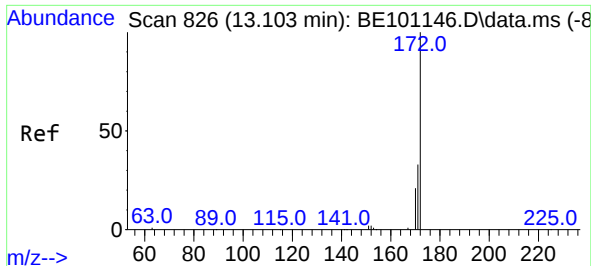


#14
2,4,6-Tribromophenol
Concen: 0.49 ng
RT: 15.957 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion:330 Resp: 978

Ion	Ratio	Lower	Upper
330	100		
332	97.4	69.1	103.7
141	46.8	30.6	45.8

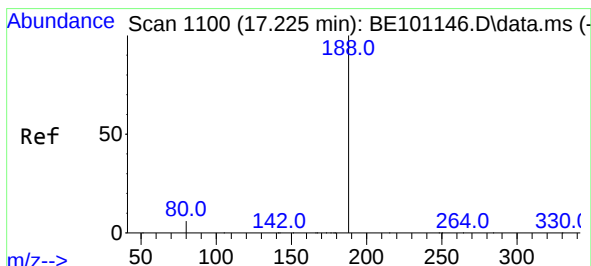
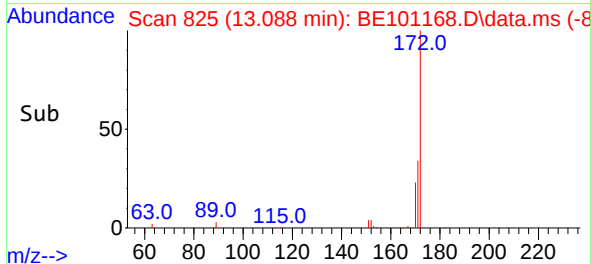
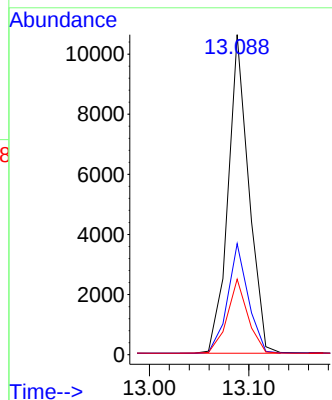
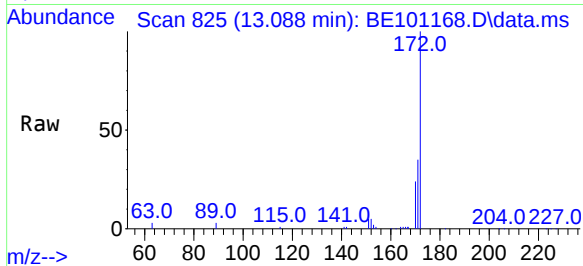




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

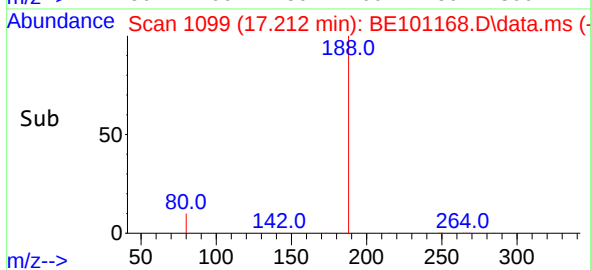
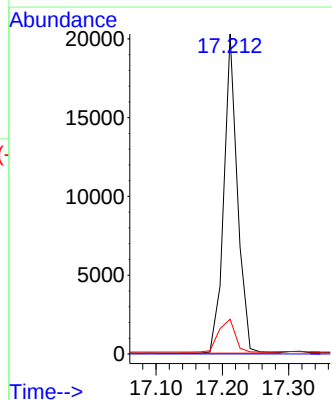
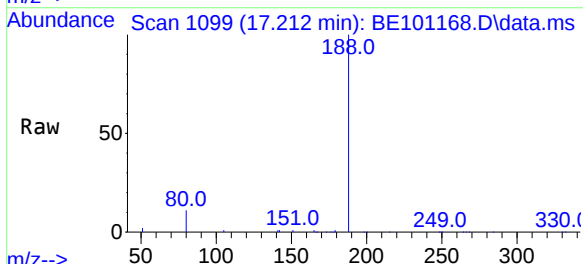
Instrument :
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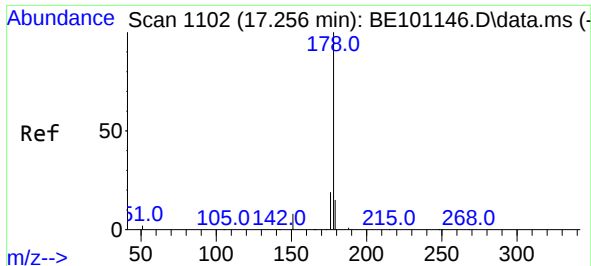
Tgt Ion:172	Resp:	15357
Ion Ratio	Lower	Upper
172	100	
171	34.7	26.4 39.6
170	23.6	17.4 26.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.212 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion:188	Resp:	28853
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.9	4.8 7.2#

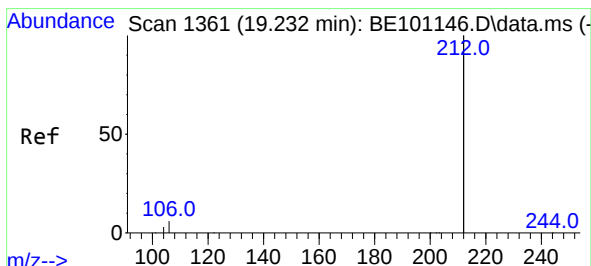
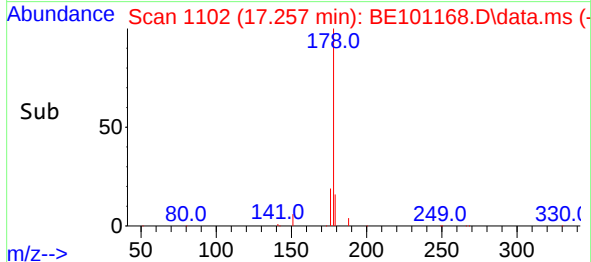
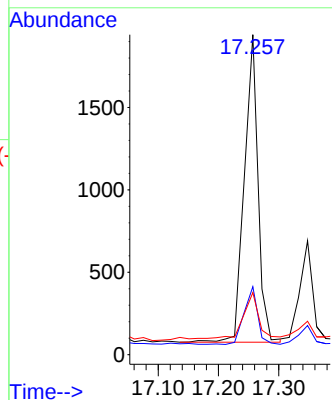
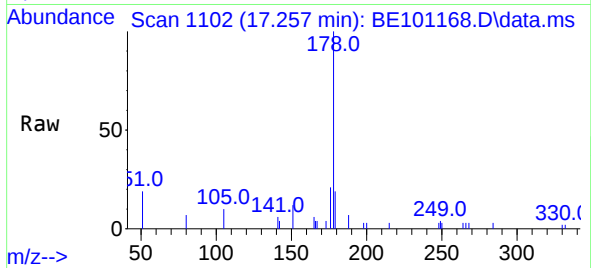




#25
Phenanthrene
Concen: 0.04 ng
RT: 17.257 min Scan# 1102
Delta R.T. 0.001 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

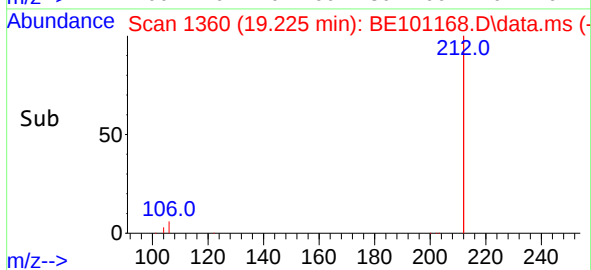
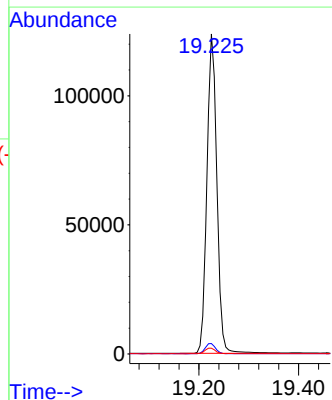
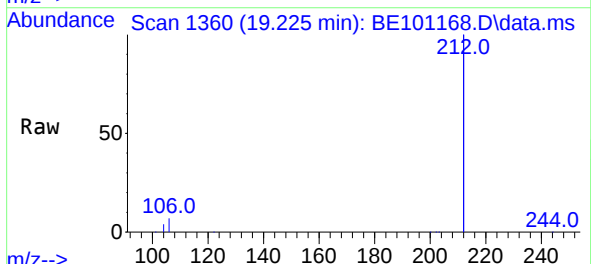
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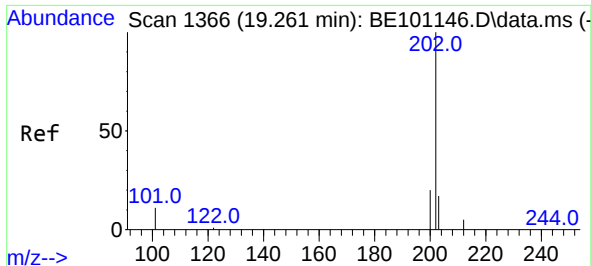
Tgt Ion:	178	Resp:	2945
Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	16.2	12.4	18.6



#27
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.225 min Scan# 1360
Delta R.T. -0.007 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion:	212	Resp:	170613
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.8	1.4	2.2

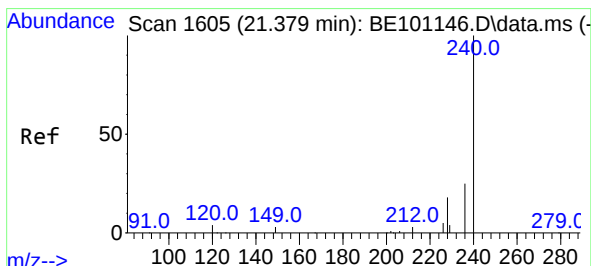
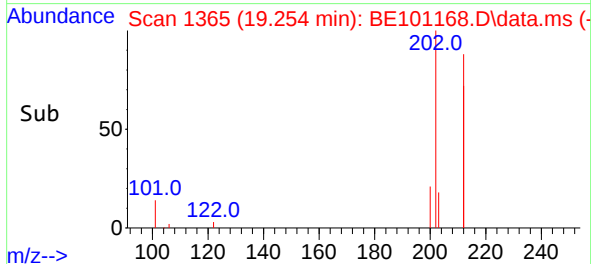
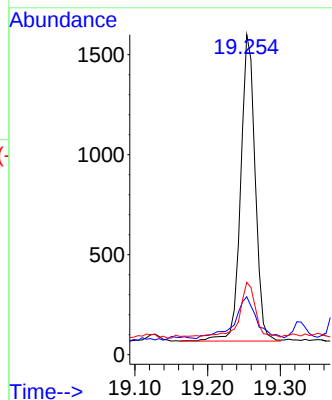
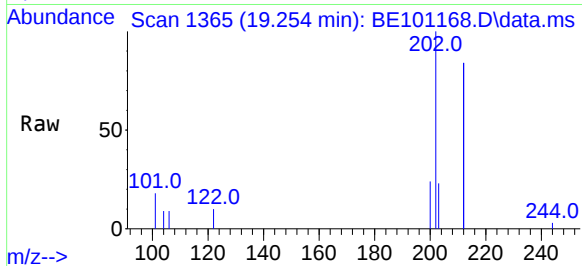




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.254 min Scan# 1365
Delta R.T. -0.007 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

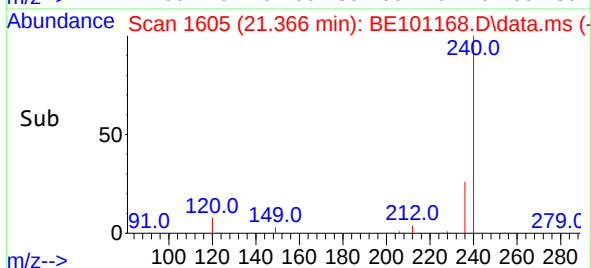
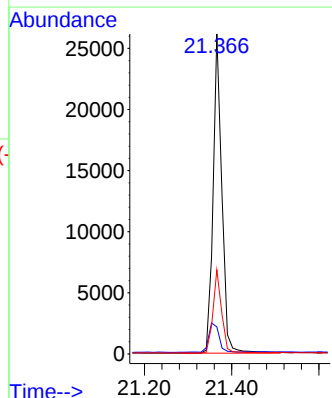
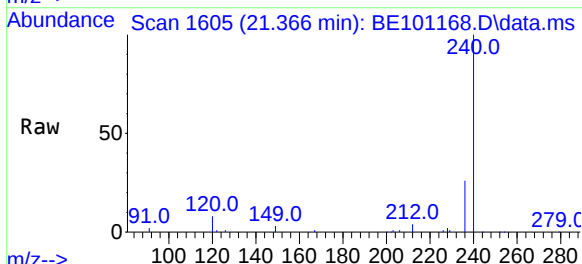
Instrument :
BNA_E
ClientSampleId :
RE115D1-20210325

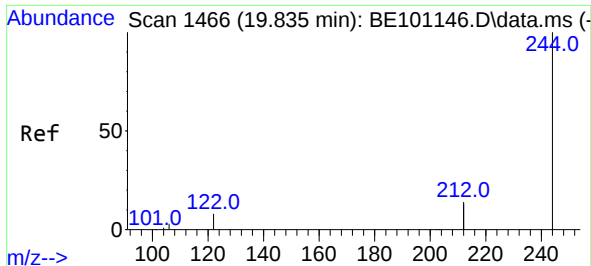
Tgt Ion:202 Resp: 2124
Ion Ratio Lower Upper
202 100
101 21.0 8.9 13.3#
203 19.5 13.8 20.6



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1605
Delta R.T. -0.013 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion:240 Resp: 36372
Ion Ratio Lower Upper
240 100
120 8.4 4.1 6.1#
236 26.3 20.3 30.5

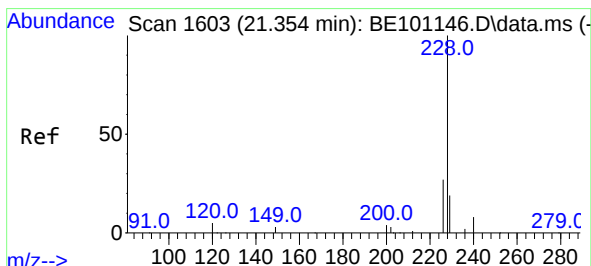
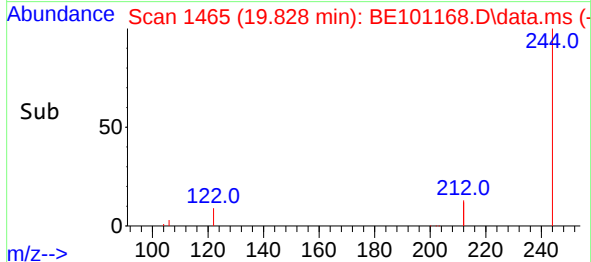
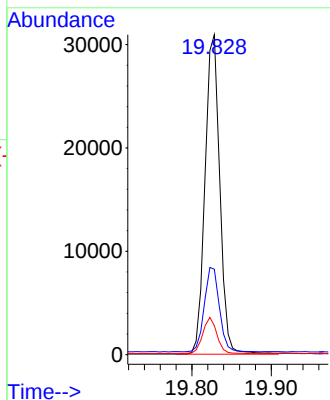
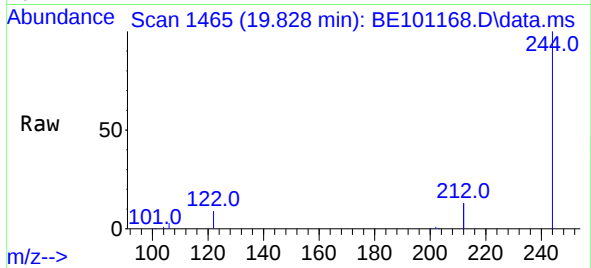




#31
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 19.828 min Scan# 1465
 Delta R.T. -0.007 min
 Lab File: BE101168.D
 Acq: 31 Mar 2021 18:51

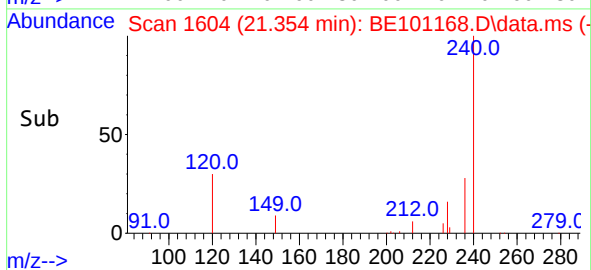
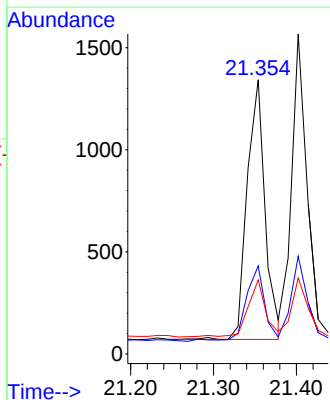
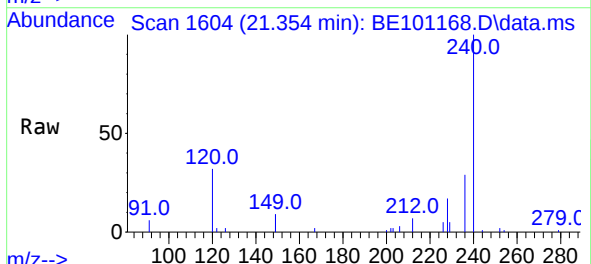
Instrument :
 BNA_E
 ClientSampleId :
 RE115D1-20210325

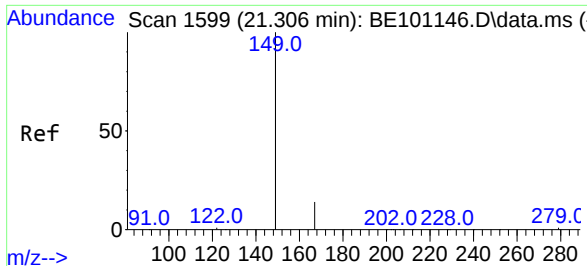
Tgt Ion:244	Resp:	39963
Ion Ratio	Lower	Upper
244	100	
212	26.7	21.7 32.5
122	9.1	6.6 10.0



#32
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.354 min Scan# 1604
 Delta R.T. -0.001 min
 Lab File: BE101168.D
 Acq: 31 Mar 2021 18:51

Tgt Ion:228	Resp:	1913
Ion Ratio	Lower	Upper
228	100	
226	32.1	21.8 32.8
229	27.0	15.4 23.0#

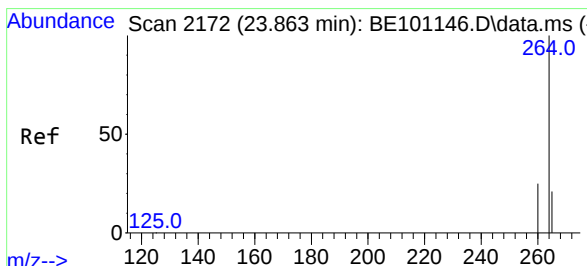
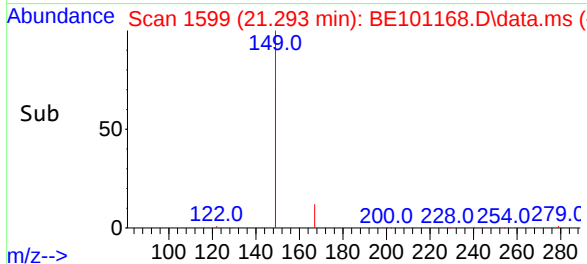
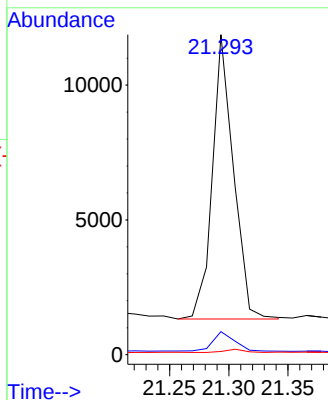
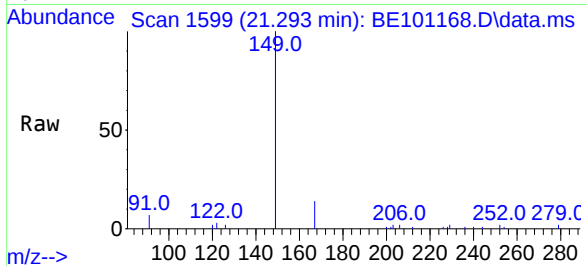




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 21.293 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

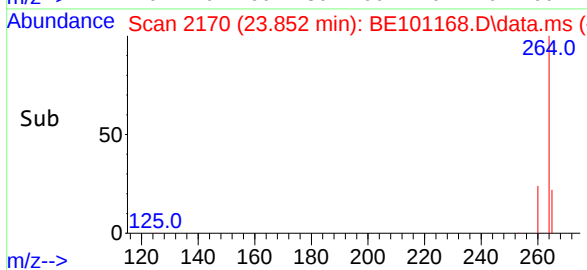
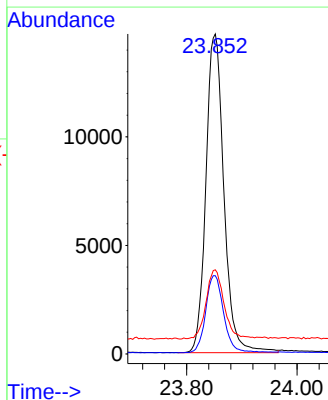
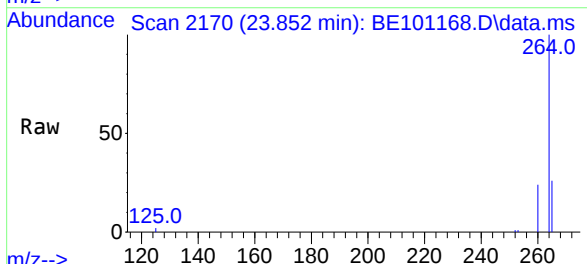
Instrument :
BNA_E
ClientSampleId :
RE115D1-20210325

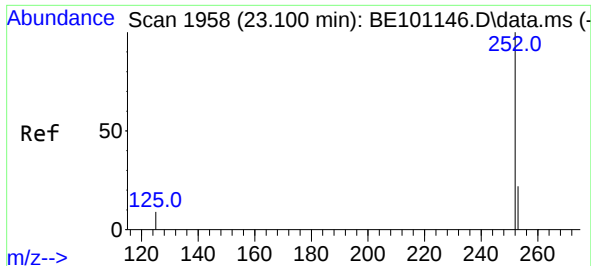
Tgt Ion:149 Resp: 13087
Ion Ratio Lower Upper
149 100
167 7.0 5.4 8.2
279 1.0 0.9 1.3



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.852 min Scan# 2170
Delta R.T. -0.011 min
Lab File: BE101168.D
Acq: 31 Mar 2021 18:51

Tgt Ion:264 Resp: 33273
Ion Ratio Lower Upper
264 100
260 24.5 20.5 30.7
265 26.3 20.6 30.8





#37

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 23.089 min Scan# 1956

Delta R.T. -0.011 min

Lab File: BE101168.D

Acq: 31 Mar 2021 18:51

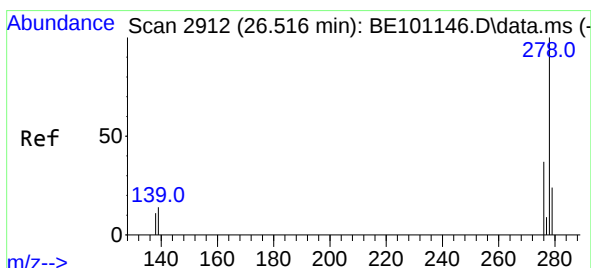
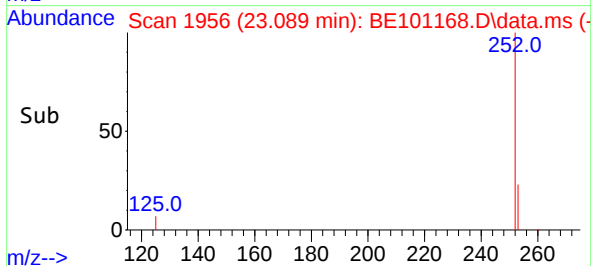
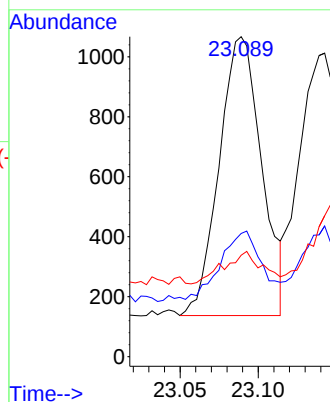
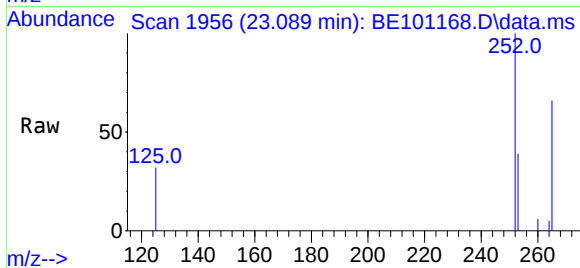
Tgt Ion:252	Resp:	1756
Ion Ratio	Lower	Upper
252	100	
253	38.5	17.8 26.8#
125	31.7	7.5 11.3#

Instrument :

BNA_E

ClientSampleId :

RE115D1-20210325



#40

Dibenzo(a,h)anthracene

Concen: 0.12 ng

RT: 26.499 min Scan# 2908

Delta R.T. -0.017 min

Lab File: BE101168.D

Acq: 31 Mar 2021 18:51

Tgt Ion:278	Resp:	1118
Ion Ratio	Lower	Upper
278	100	
139	38.3	12.0 18.0#
279	50.5	20.2 30.4#

