

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128663.D
 Acq On : 03 Jun 2022 03:38
 Operator : CG\JU
 Sample : N2989-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS007-0006-01

Quant Time: Jun 03 04:06:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

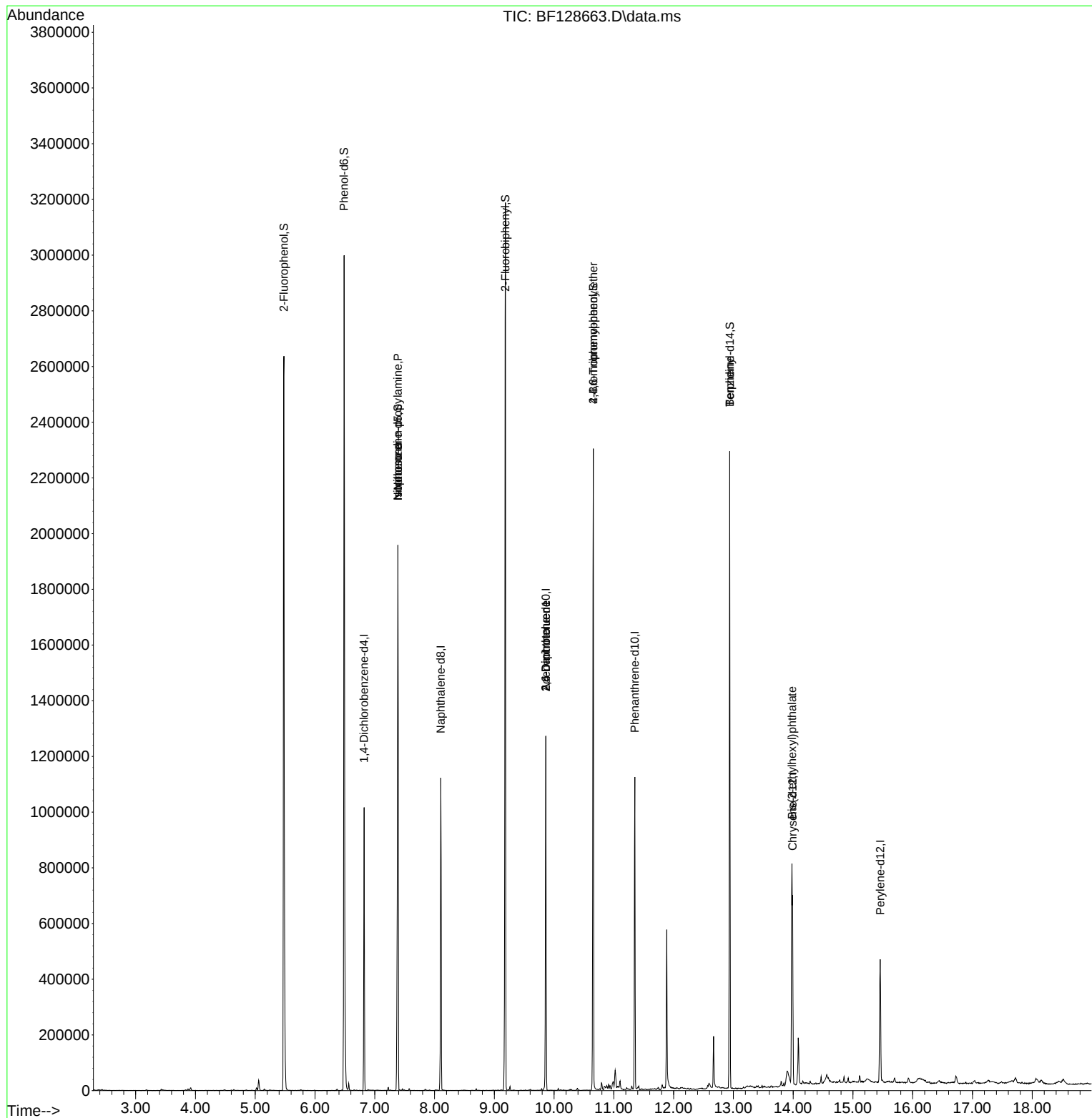
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	115962	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	436425	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	234158	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	379308	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	211208	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	200254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	682691	93.773	ng	0.00
7) Phenol-d6	6.487	99	860552	96.835	ng	-0.01
23) Nitrobenzene-d5	7.387	82	634372	67.676	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	243098	87.866	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	940675	56.274	ng	0.00
79) Terphenyl-d14	12.939	244	676075	55.622	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	92533	16.747	ng	# 83
25) Isophorone	7.387	82	632704	44.442	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	29713	9.393	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	29713	7.038	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	16714	3.951	ng	# 1
77) Benzidine	12.939	184	11225	2.666	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.980	149	179455	20.918	ng	98

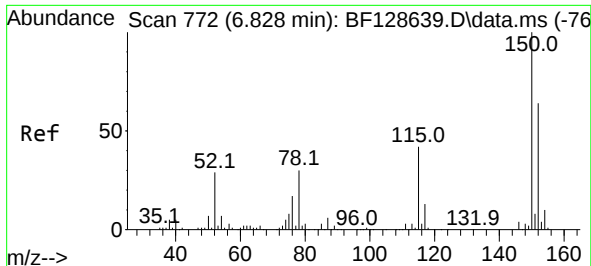
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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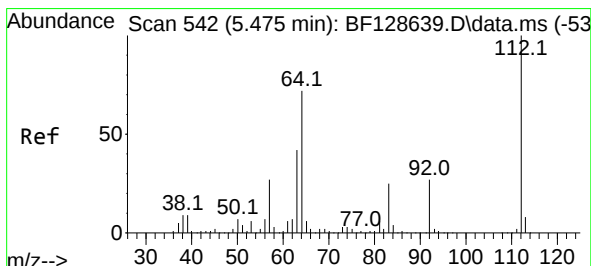
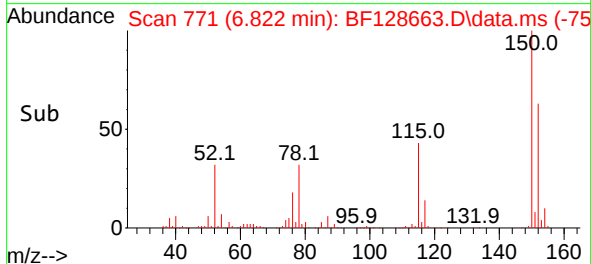
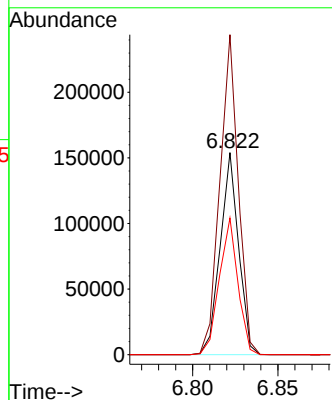
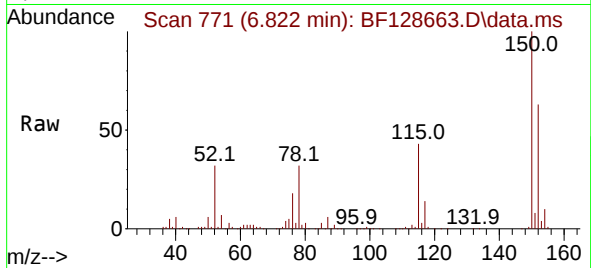




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

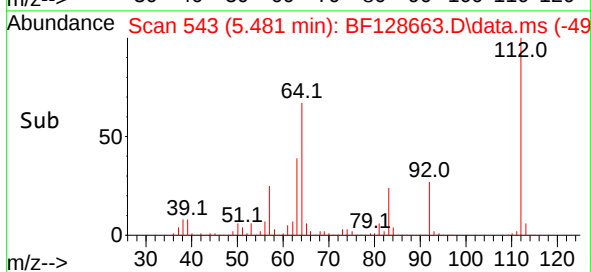
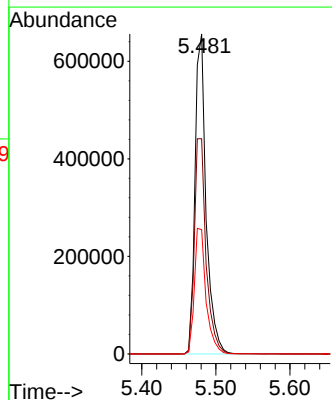
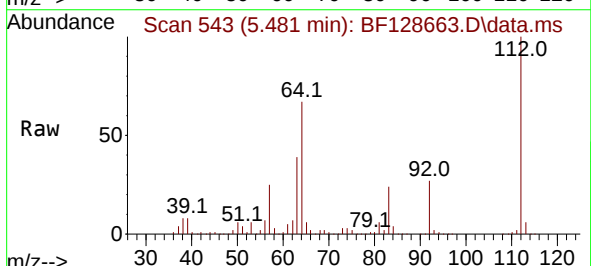
Instrument :
BNA_F
ClientSampleId :
P015-SS007-0006-01

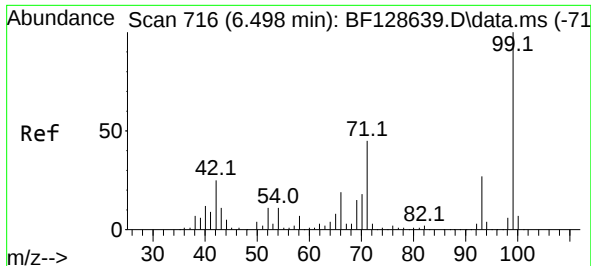
Tgt Ion:152 Resp: 115962
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 67.7 49.9 74.9



#5
2-Fluorophenol
Concen: 93.773 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

Tgt Ion:112 Resp: 682691
Ion Ratio Lower Upper
112 100
64 67.2 53.3 79.9
63 38.8 28.0 42.0

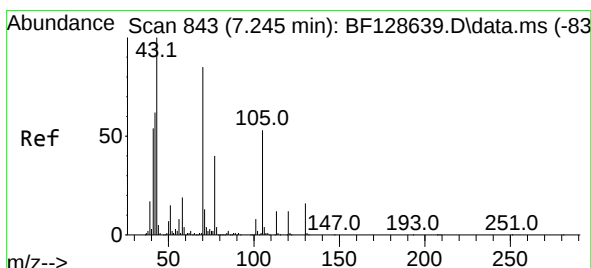
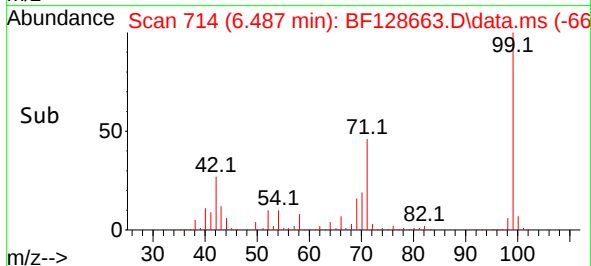
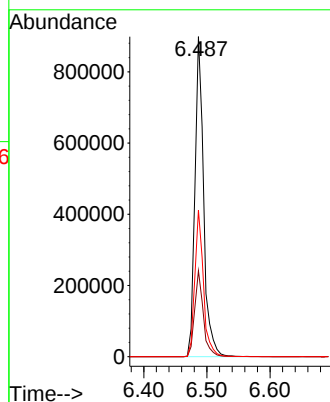
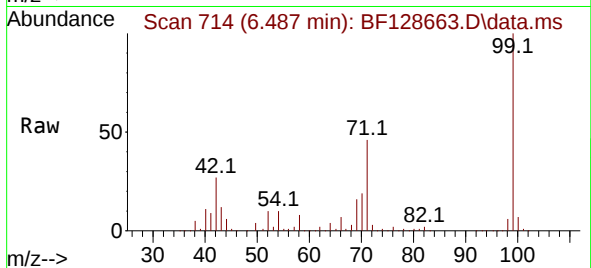




#7
Phenol-d6
Concen: 96.835 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

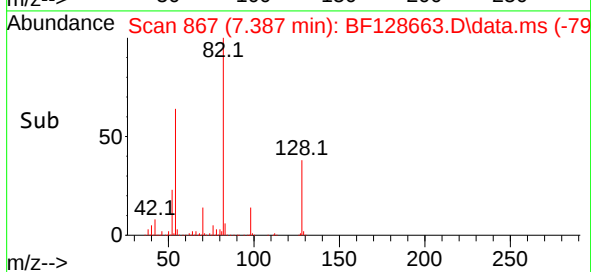
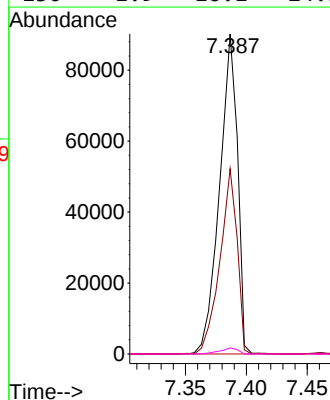
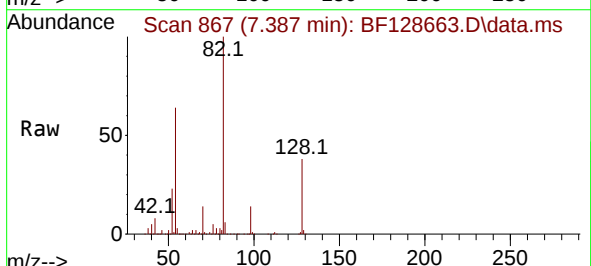
Instrument :
BNA_F
ClientSampleId :
P015-SS007-0006-01

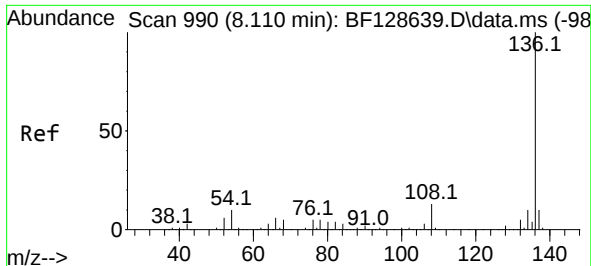
Tgt Ion: 99 Resp: 860552
Ion Ratio Lower Upper
99 100
42 26.8 17.3 25.9#
71 45.8 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.747 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

Tgt Ion: 70 Resp: 92533
Ion Ratio Lower Upper
70 100
42 57.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

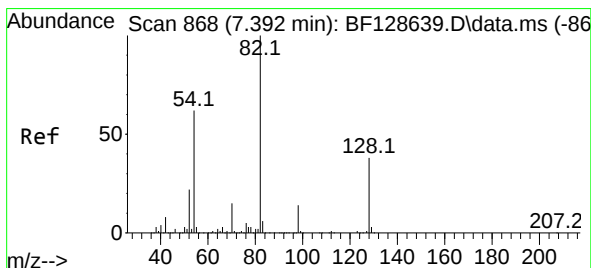
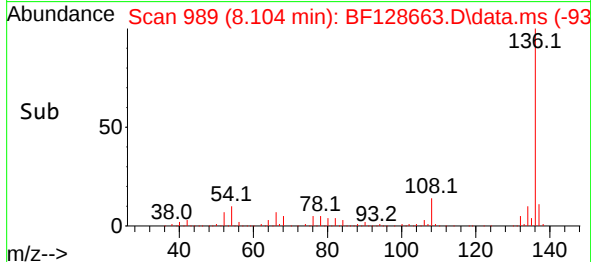
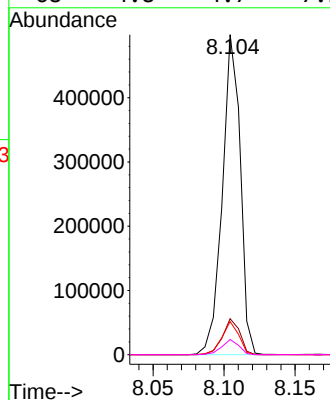
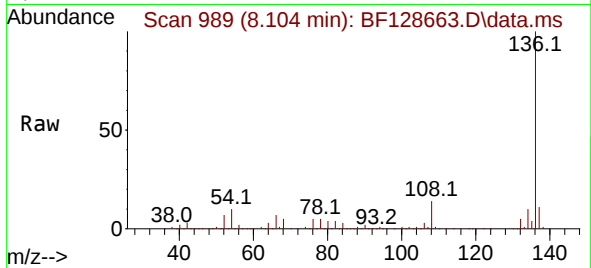




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

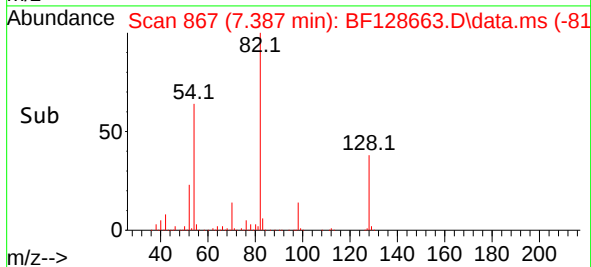
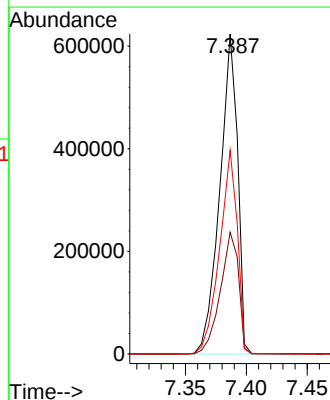
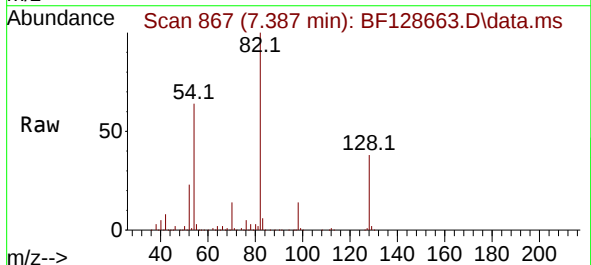
Instrument :
BNA_F
ClientSampleId :
P015-SS007-0006-01

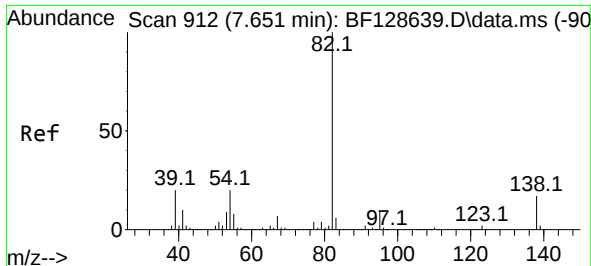
Tgt Ion:	136	Resp:	436425
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	10.4	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 67.676 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

Tgt Ion:	82	Resp:	634372
Ion Ratio	Lower	Upper	
82	100		
128	38.1	34.0	51.0
54	63.6	46.9	70.3

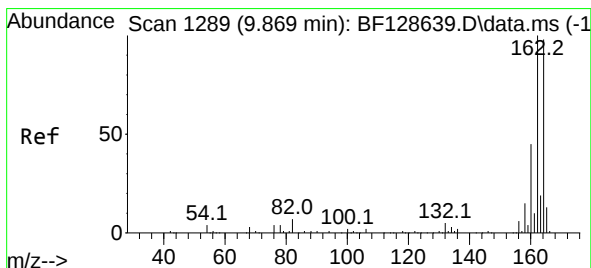
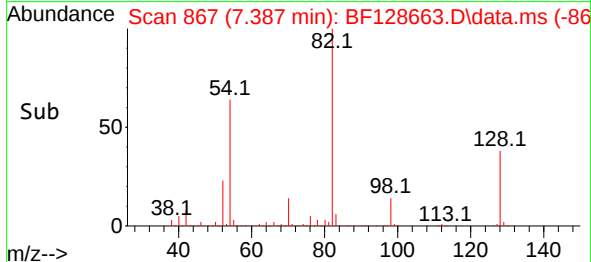
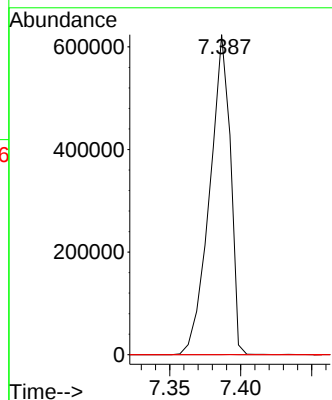
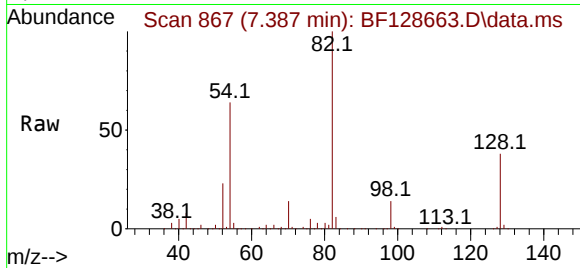




#25
Isophorone
Concen: 44.442 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

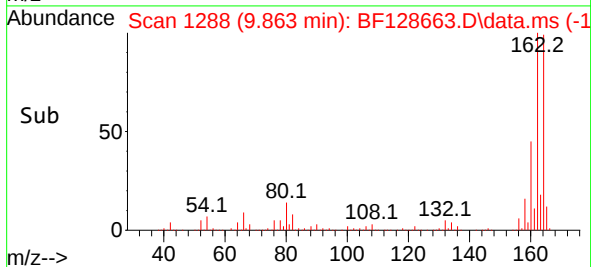
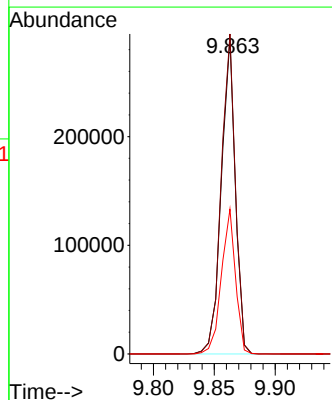
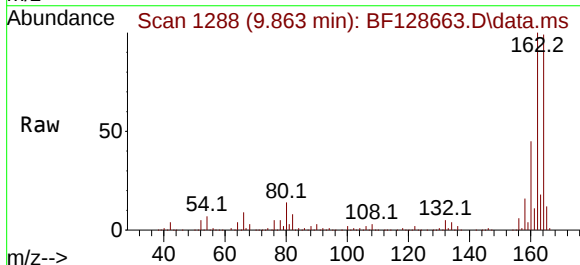
Instrument :
BNA_F
ClientSampleId :
P015-SS007-0006-01

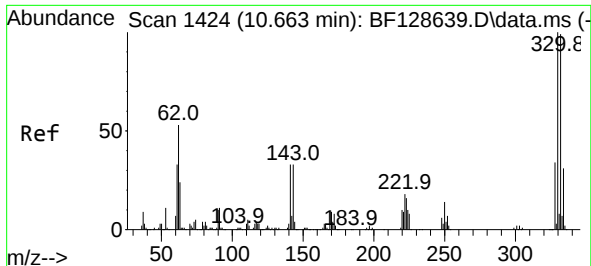
Tgt Ion: 82 Resp: 632704
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

Tgt Ion:164 Resp: 234158
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.866 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128663.D

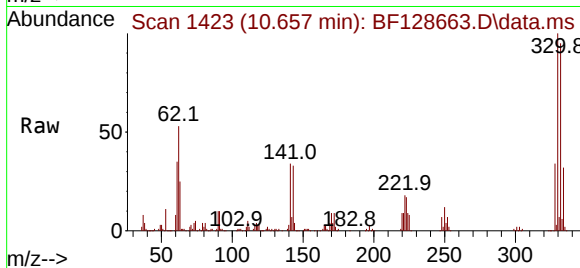
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Instrument :

BNA_F

ClientSampleId :

P015-SS007-0006-01



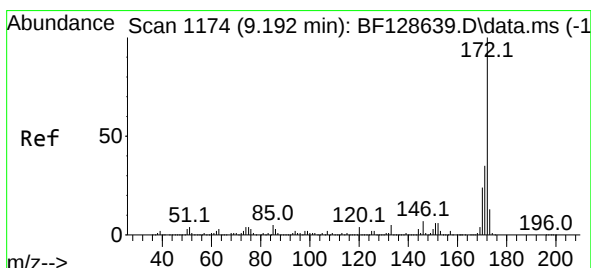
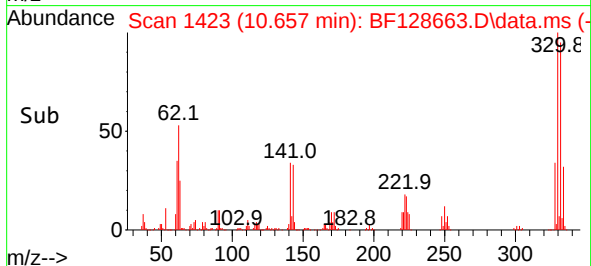
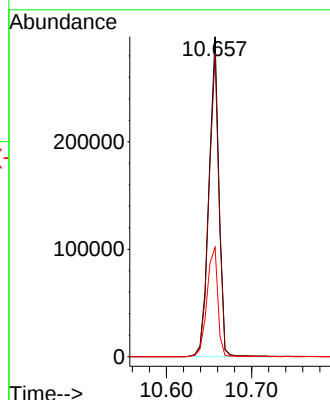
Tgt Ion:330 Resp: 243098

Ion Ratio Lower Upper

330 100

332 95.2 76.8 115.2

141 37.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 56.274 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128663.D

Acq: 03 Jun 2022 03:38

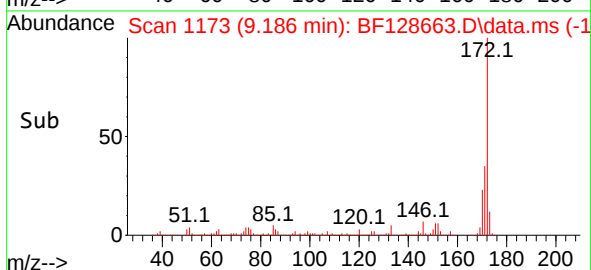
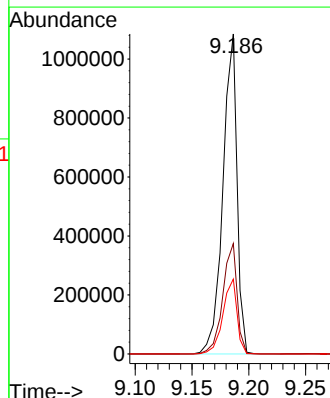
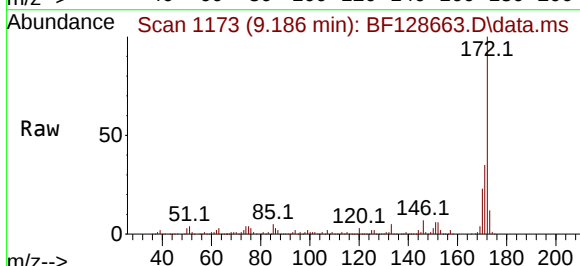
Tgt Ion:172 Resp: 940675

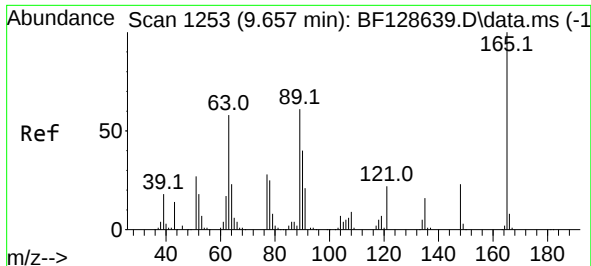
Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.4 19.8 29.8

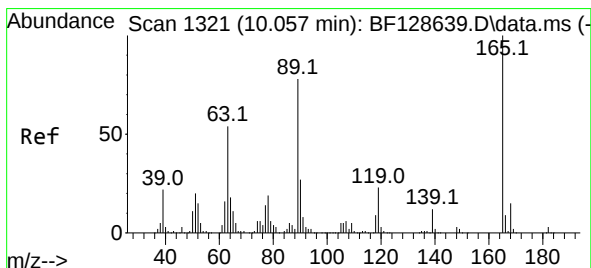
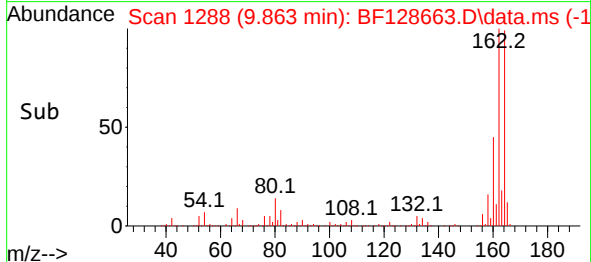
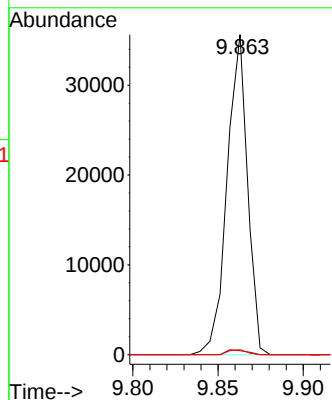
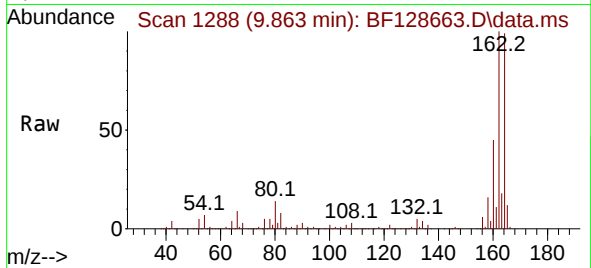




#51
2,6-Dinitrotoluene
Concen: 9.393 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

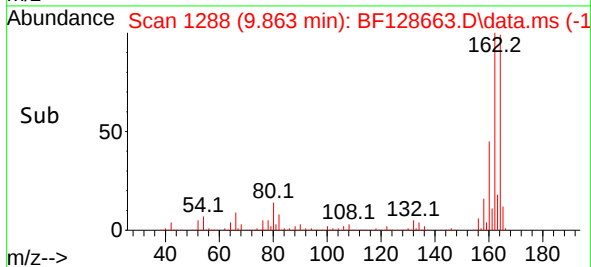
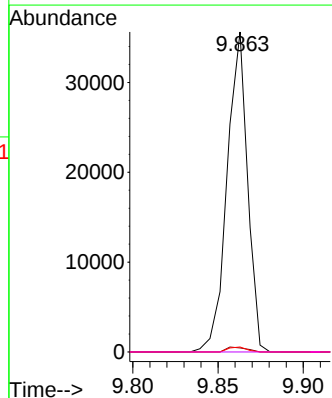
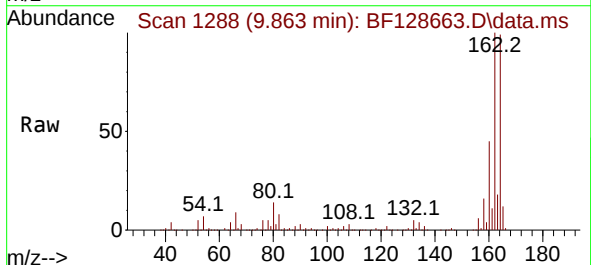
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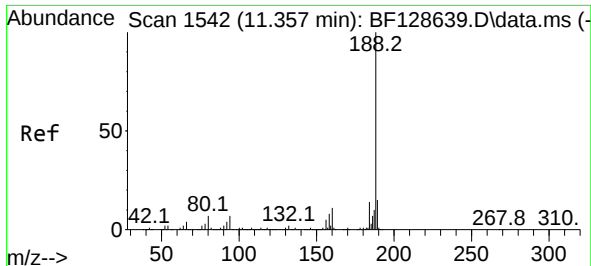
Tgt Ion:165 Resp: 29713
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.038 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

Tgt Ion:165 Resp: 29713
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

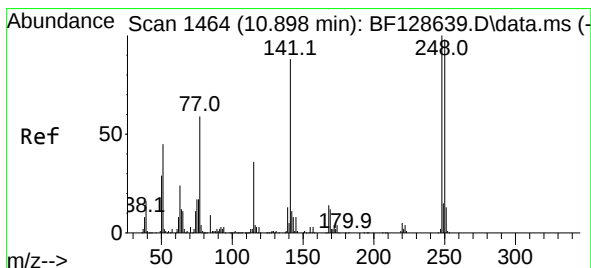
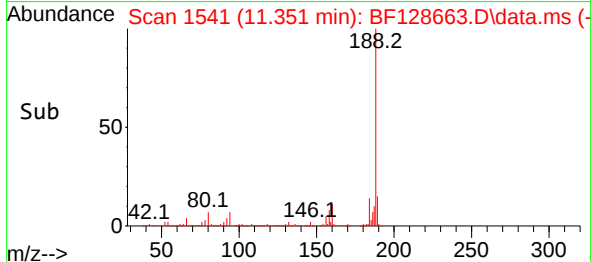
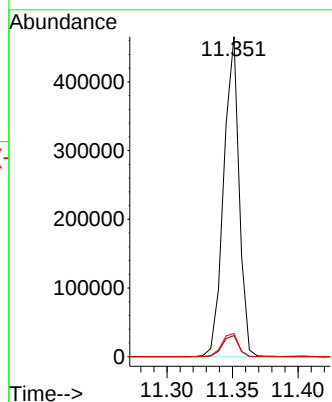
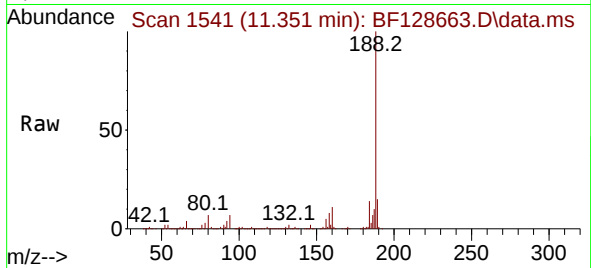




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

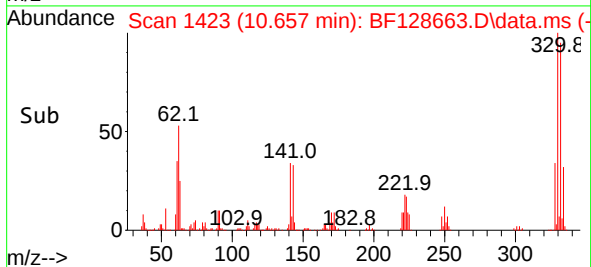
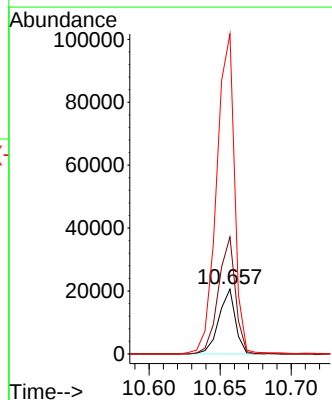
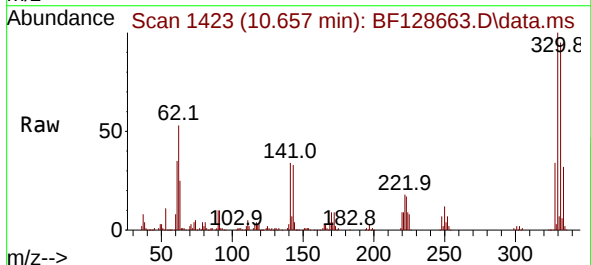
Instrument :
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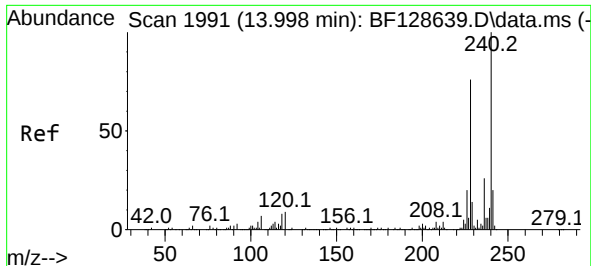
Tgt Ion:188 Resp: 379308
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.3 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.951 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

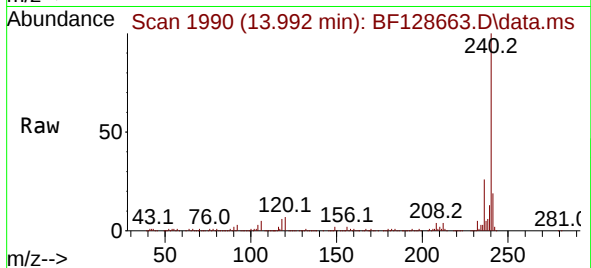
Tgt Ion:248 Resp: 16714
Ion Ratio Lower Upper
248 100
250 180.4 80.6 120.8#
141 493.7 58.9 88.3#



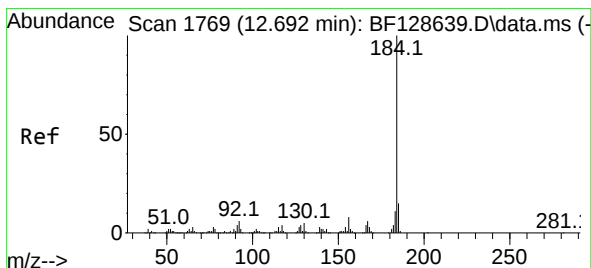
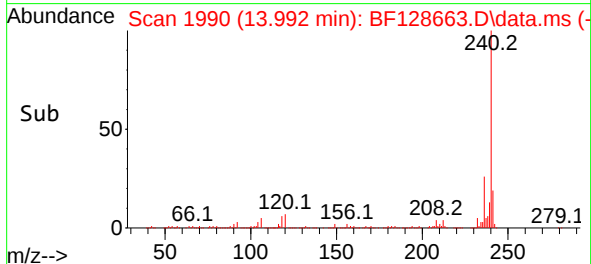
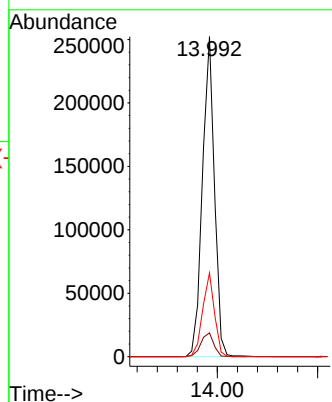


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

Instrument :
BNA_F
ClientSampleId :
P015-SS007-0006-01

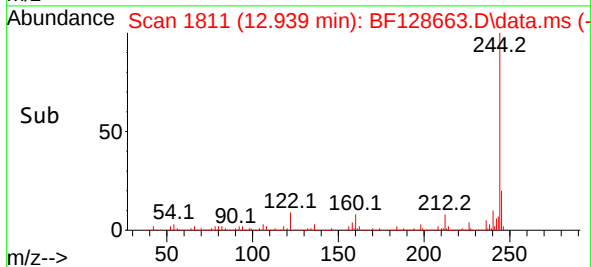
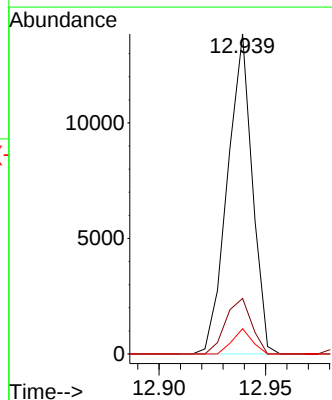
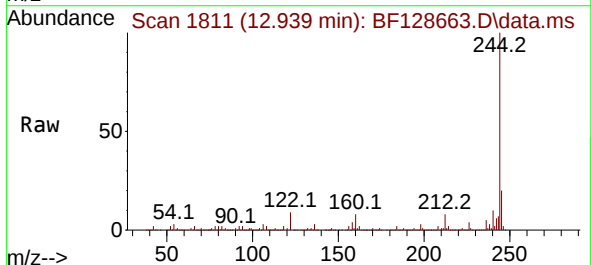


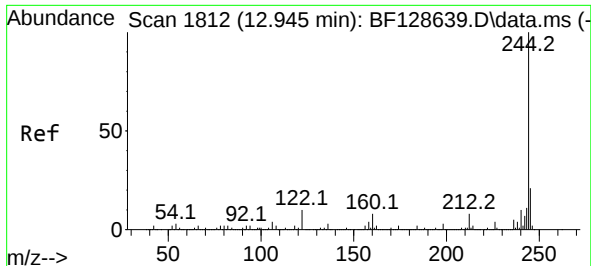
Tgt Ion:240 Resp: 211208
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3#
236 26.2 20.8 31.2



#77
Benzidine
Concen: 2.666 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128663.D
Acq: 03 Jun 2022 03:38

Tgt Ion:184 Resp: 11225
Ion Ratio Lower Upper
184 100
185 17.3 11.9 17.9
183 7.9 9.3 13.9#

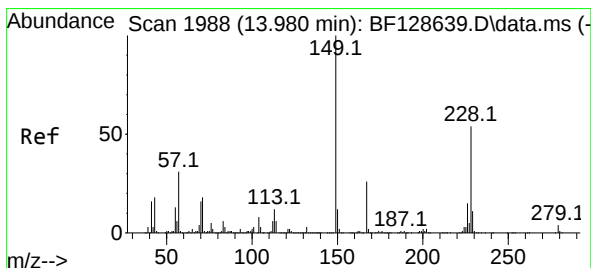
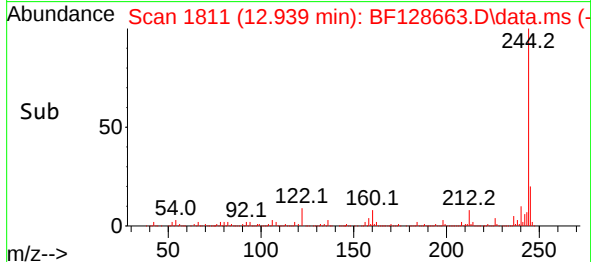
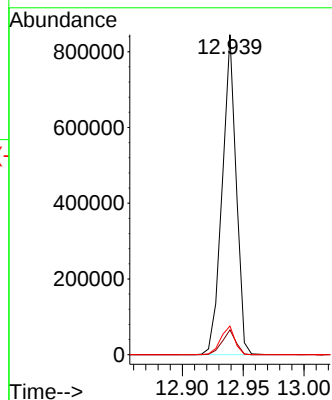
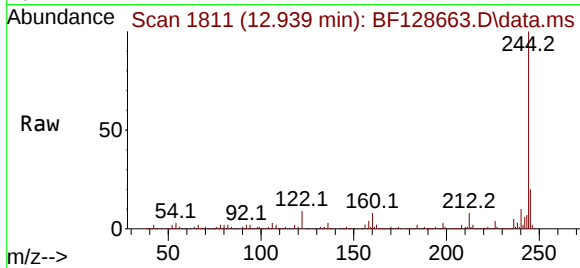




#79
 Terphenyl-d14
 Concen: 55.622 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128663.D
 Acq: 03 Jun 2022 03:38

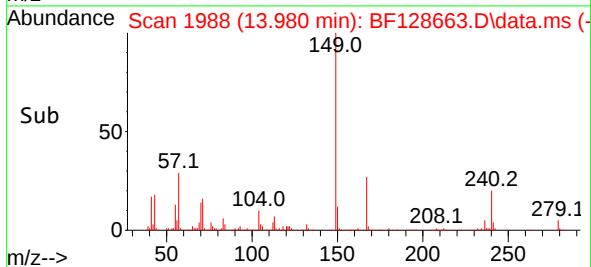
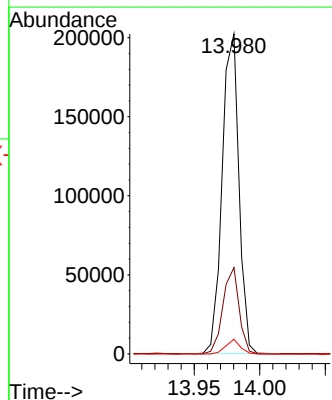
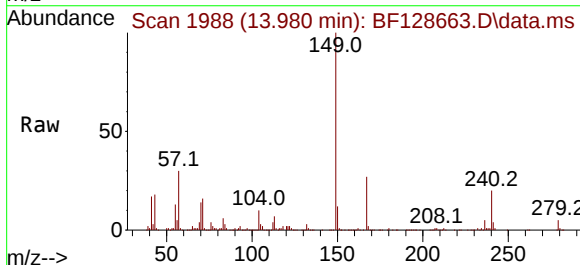
Instrument :
 BNA_F
 ClientSampleId :
 P015-SS007-0006-01

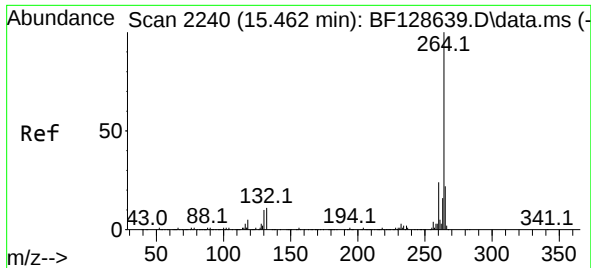
Tgt Ion:244 Resp: 676075
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 8.9 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.918 ng
 RT: 13.980 min Scan# 1988
 Delta R.T. 0.000 min
 Lab File: BF128663.D
 Acq: 03 Jun 2022 03:38

Tgt Ion:149 Resp: 179455
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 4.6 3.1 4.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BF128663.D
 Acq: 03 Jun 2022 03:38

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS007-0006-01

Tgt Ion:264 Resp: 200254
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 21.6 17.2 25.8

