

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127769.D
 Acq On : 12 Apr 2022 20:30
 Operator : CG\JU
 Sample : N2333-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Apr 13 07:25:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

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

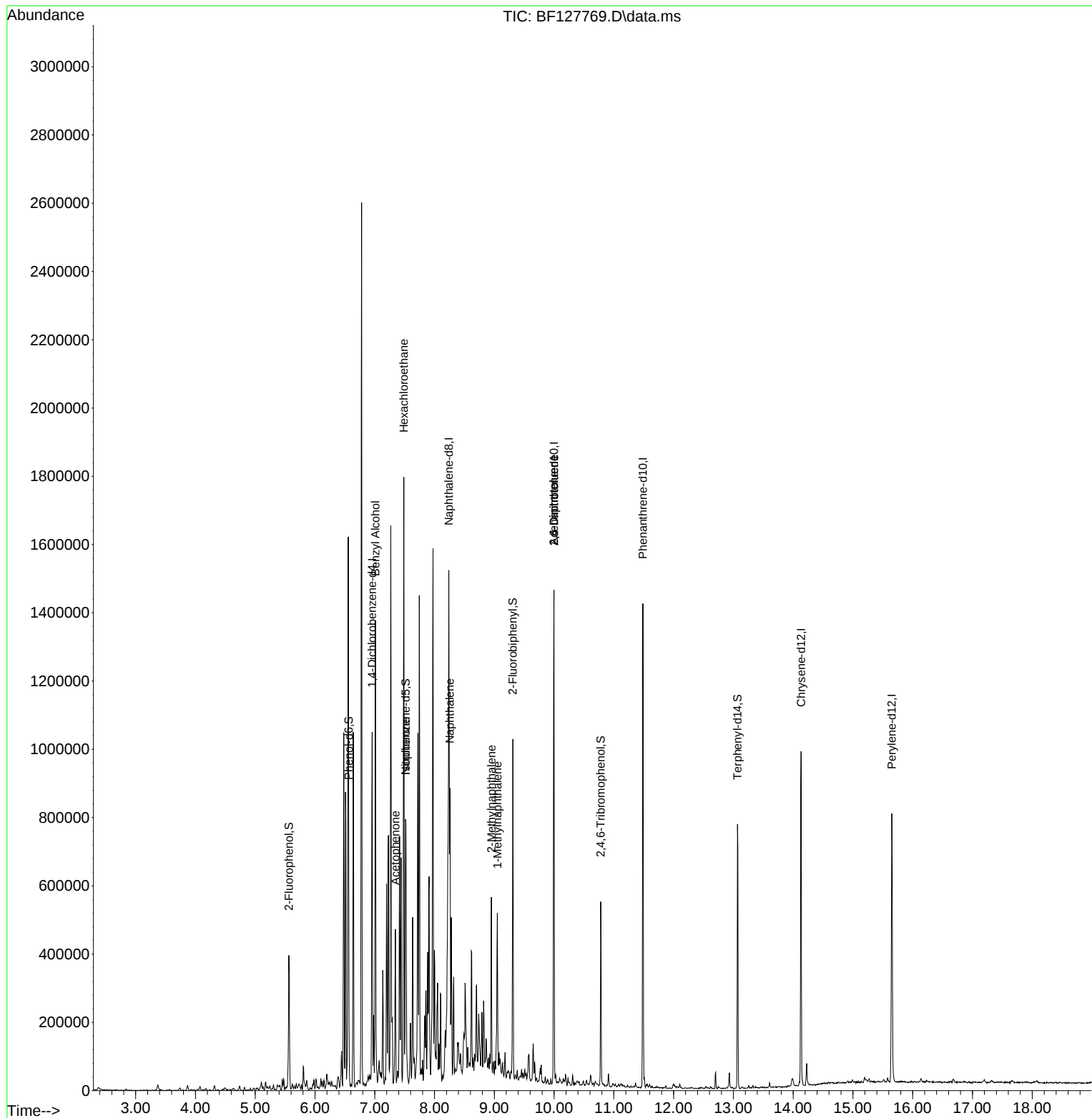
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	139719	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	491377	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	288043	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	487375	20.000	ng	0.00
76) Chrysene-d12	14.133	240	345199	20.000	ng	0.00
86) Perylene-d12	15.651	264	365956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	62810	7.305	ng	-0.02
7) Phenol-d6	6.563	99	47886	4.257	ng	-0.02
23) Nitrobenzene-d5	7.516	82	122852	11.146	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	58533	19.096	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	258925	12.717	ng	-0.01
79) Terphenyl-d14	13.068	244	271827	12.998	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	37182	Below Cal	#	1
15) Benzyl Alcohol	7.010	79	37182	3.781	ng	# 7
18) Hexachloroethane	7.487	117	77792	20.235	ng	# 1
22) Acetophenone	7.345	105	153200	11.602	ng	# 45
25) Isophorone	7.516	82	123659	6.430	ng	# 70
31) Naphthalene	8.257	128	133234	5.174	ng	# 88
37) 2-Methylnaphthalene	8.951	142	117012	6.795	ng	99
38) 1-Methylnaphthalene	9.051	142	105669	6.357	ng	97
51) 2,6-Dinitrotoluene	9.998	165	38224	9.712	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	38224	7.834	ng	# 14

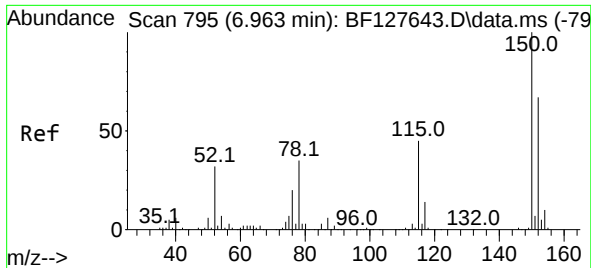
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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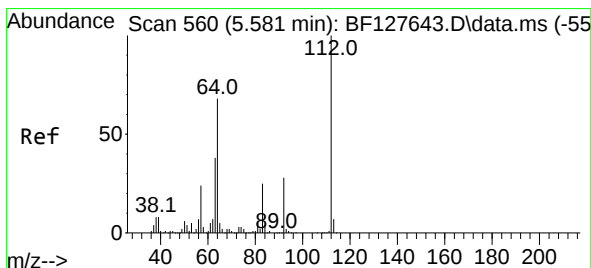
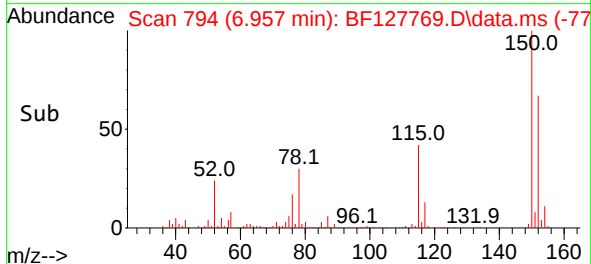
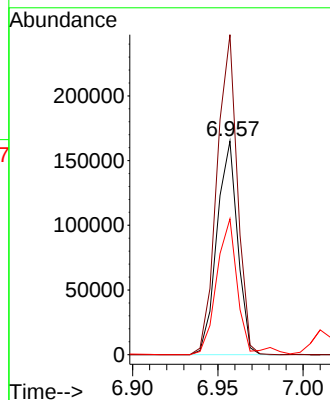
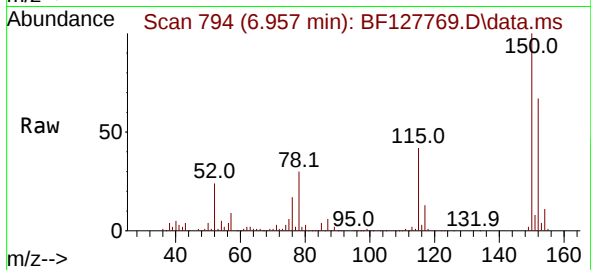




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127769.D
 Acq: 12 Apr 2022 20:30

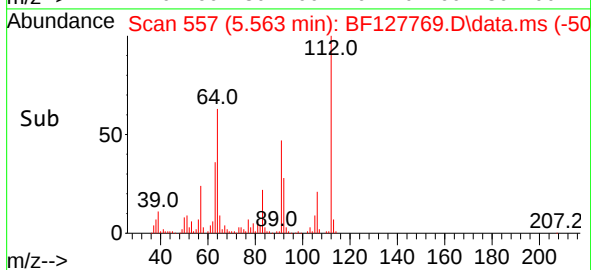
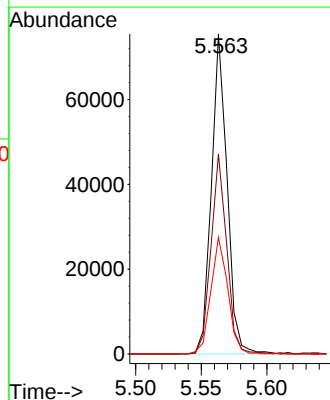
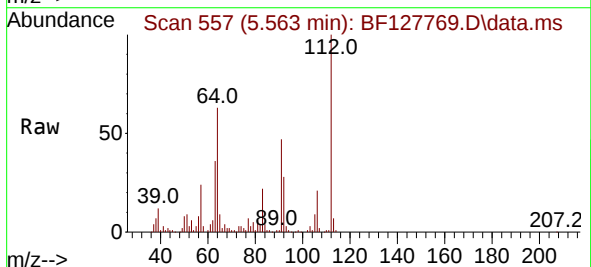
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

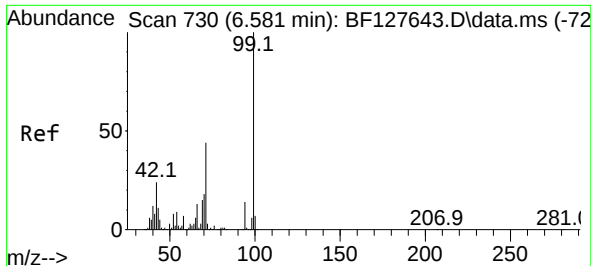
Tgt Ion:152 Resp: 139719
 Ion Ratio Lower Upper
 152 100
 150 149.9 117.2 175.8
 115 63.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 7.305 ng
 RT: 5.563 min Scan# 557
 Delta R.T. -0.018 min
 Lab File: BF127769.D
 Acq: 12 Apr 2022 20:30

Tgt Ion:112 Resp: 62810
 Ion Ratio Lower Upper
 112 100
 64 62.5 58.4 87.6
 63 36.5 30.1 45.1

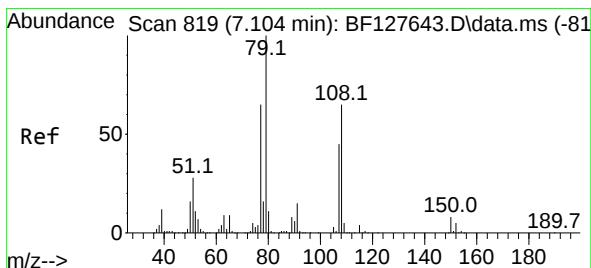
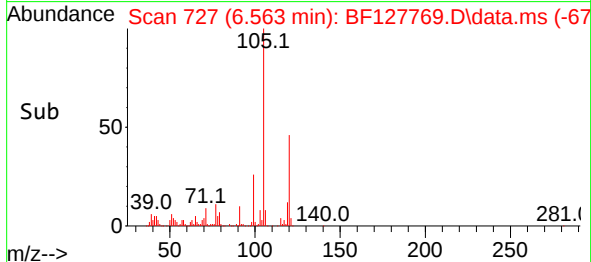
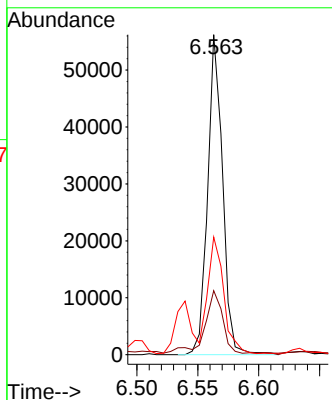
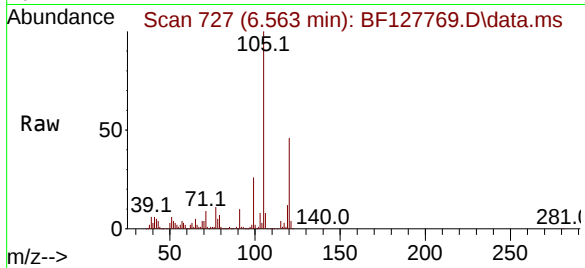




#7
Phenol-d6
Concen: 4.257 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

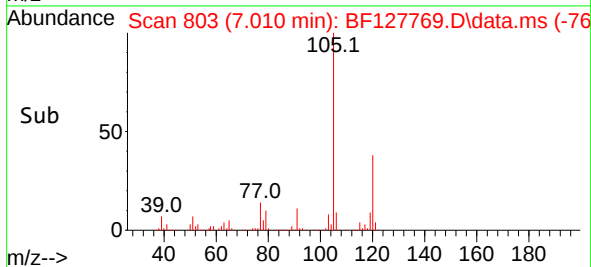
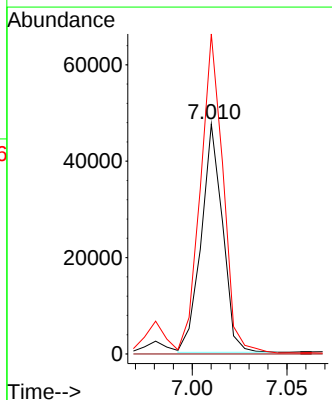
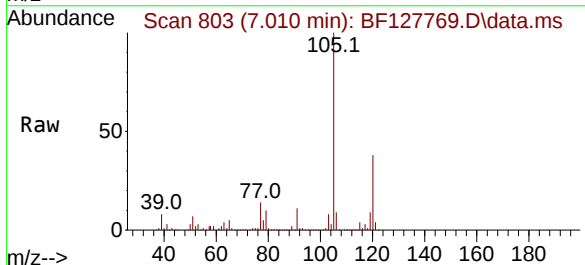
Instrument :
BNA_F
ClientSampleId :
MW-9

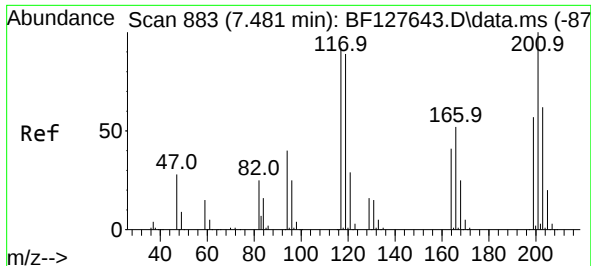
Tgt Ion: 99 Resp: 47886
Ion Ratio Lower Upper
99 100
42 20.0 17.8 26.6
71 36.7 29.6 44.4



#15
Benzyl Alcohol
Concen: 3.781 ng
RT: 7.010 min Scan# 803
Delta R.T. -0.088 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

Tgt Ion: 79 Resp: 37182
Ion Ratio Lower Upper
79 100
108 0.0 52.2 78.2#
77 139.2 48.3 72.5#

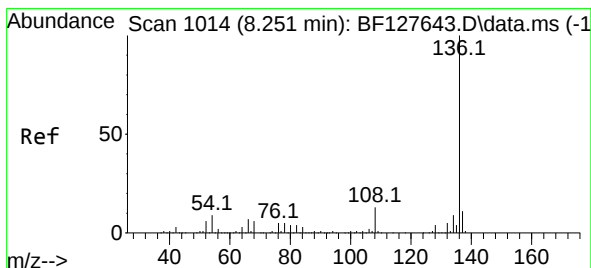
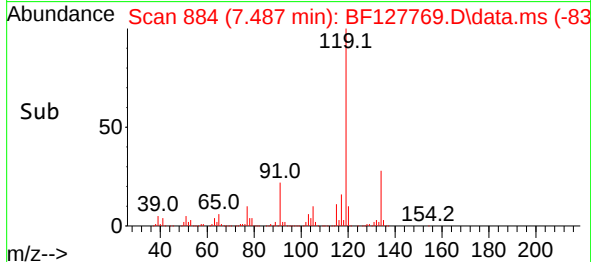
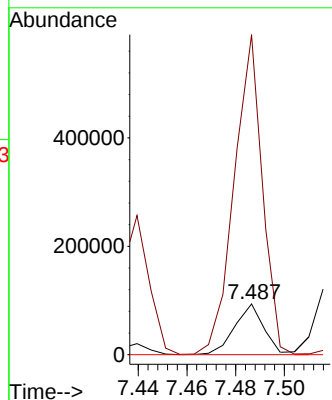
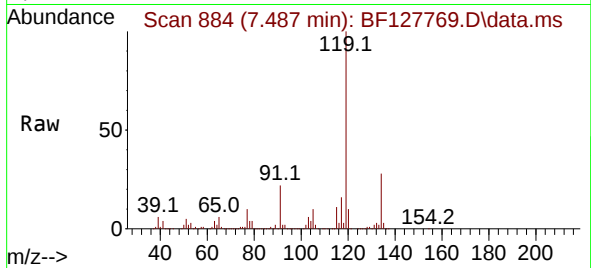




#18
Hexachloroethane
Concen: 20.235 ng
RT: 7.487 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

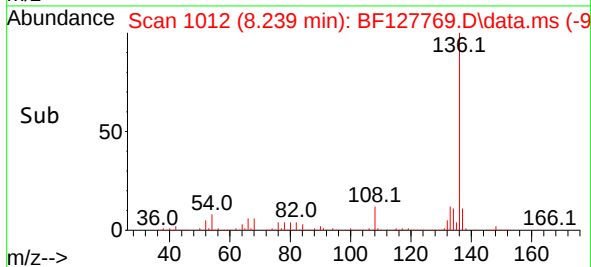
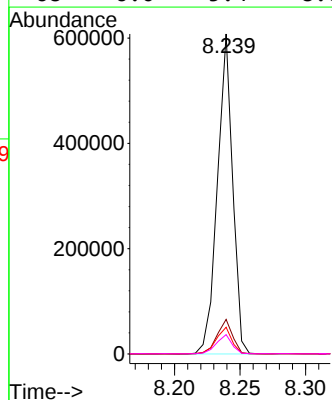
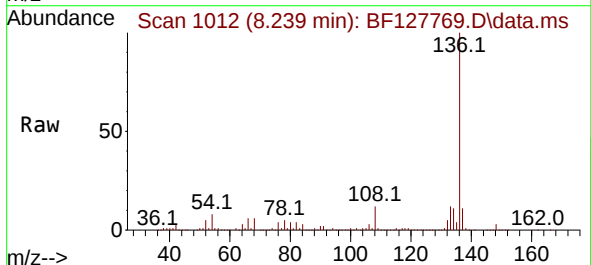
Instrument :
BNA_F
ClientSampleId :
MW-9

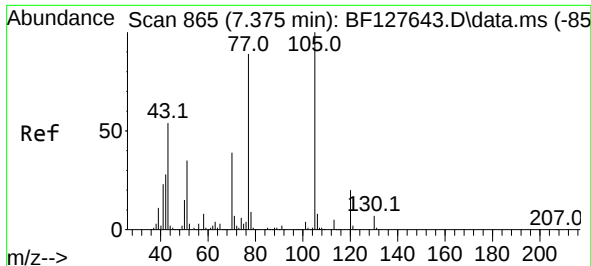
Tgt Ion:117 Resp: 77792
Ion Ratio Lower Upper
117 100
119 631.1 77.6 116.4#
201 0.0 88.2 132.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

Tgt Ion:136 Resp: 491377
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 9.2 13.8#
68 6.0 5.4 8.0





#22

Acetophenone

Concen: 11.602 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.024 min

Lab File: BF127769.D

Acq: 12 Apr 2022 20:30

Instrument :

BNA_F

ClientSampleId :

MW-9

Tgt Ion:105 Resp: 153200

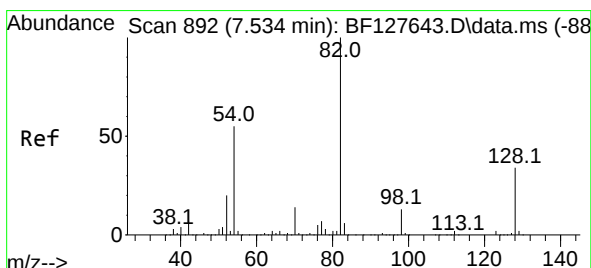
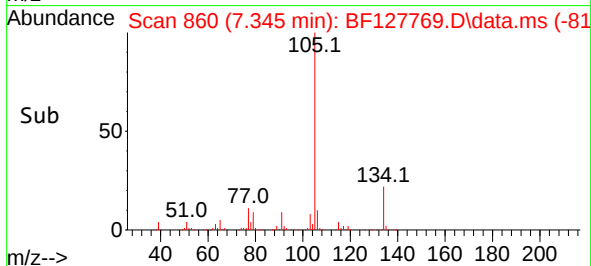
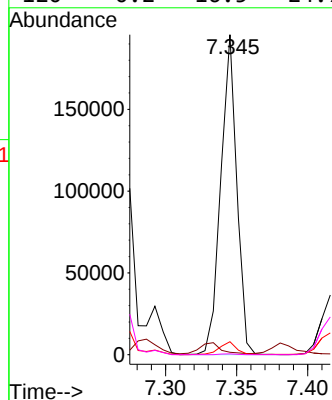
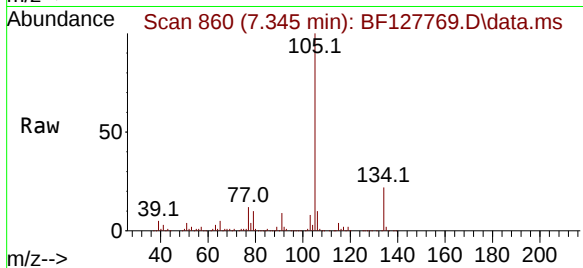
Ion Ratio Lower Upper

105 100

71 0.8 7.3 10.9#

51 4.0 38.8 58.2#

120 0.2 16.5 24.7#



#23

Nitrobenzene-d5

Concen: 11.146 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127769.D

Acq: 12 Apr 2022 20:30

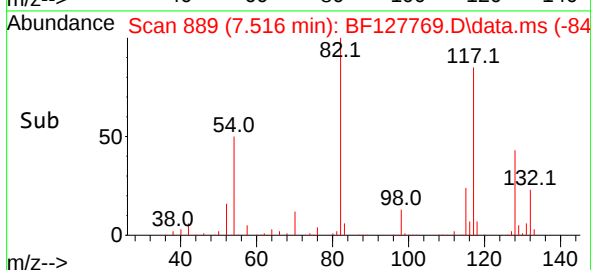
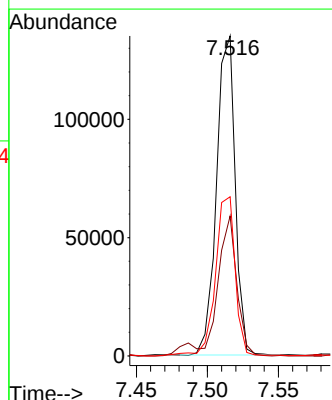
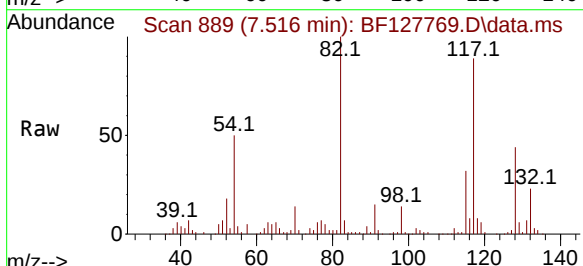
Tgt Ion: 82 Resp: 122852

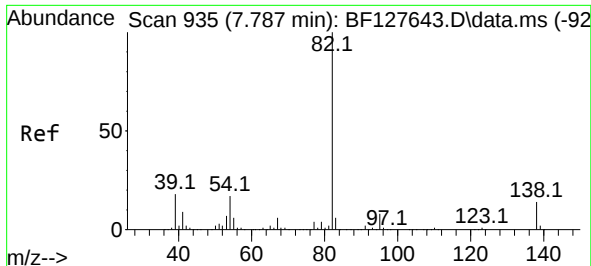
Ion Ratio Lower Upper

82 100

128 43.8 30.6 45.8

54 49.8 48.2 72.2

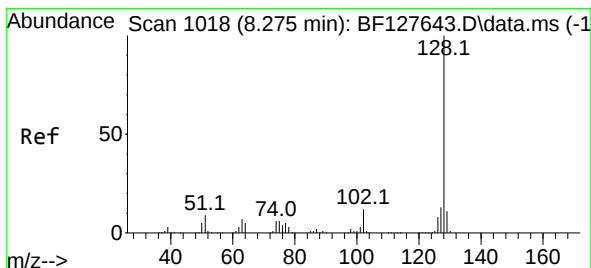
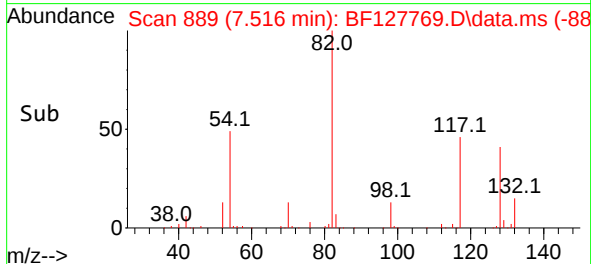
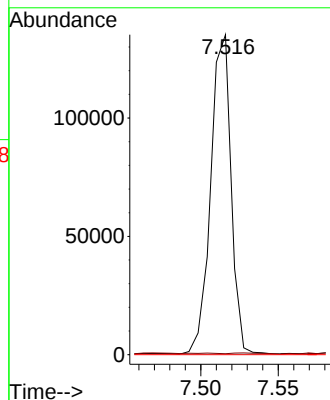
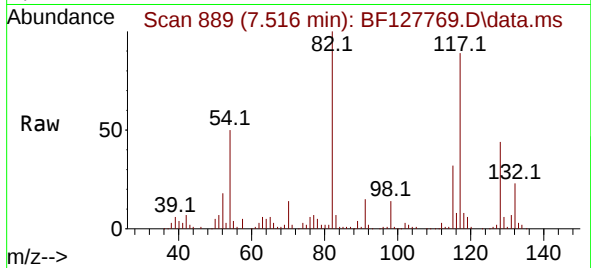




#25
Isophorone
Concen: 6.430 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

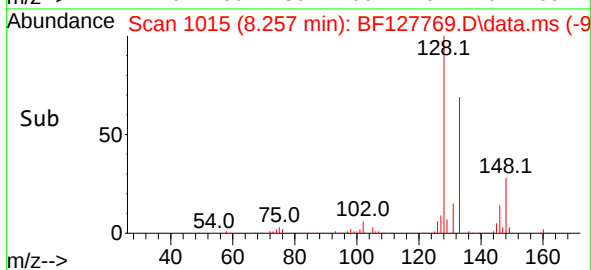
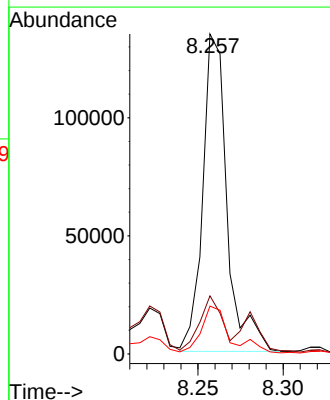
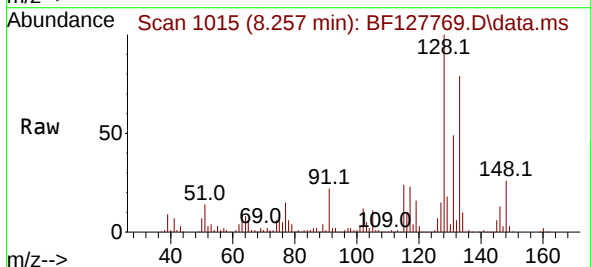
Instrument :
BNA_F
ClientSampleId :
MW-9

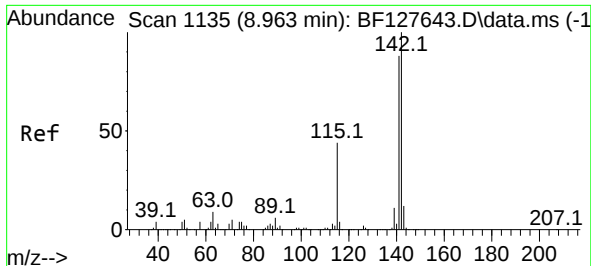
Tgt Ion: 82 Resp: 123659
Ion Ratio Lower Upper
82 100
95 0.3 5.8 8.8#
138 0.0 11.6 17.4#



#31
Naphthalene
Concen: 5.174 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

Tgt Ion:128 Resp: 133234
Ion Ratio Lower Upper
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129 18.2 8.4 12.6#
127 15.0 10.2 15.2

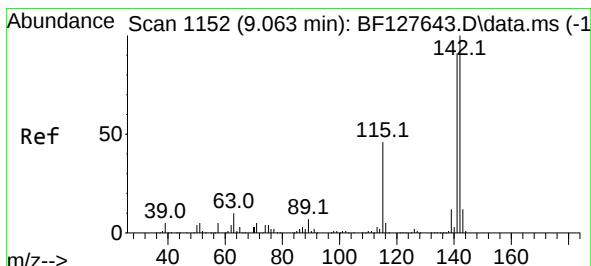
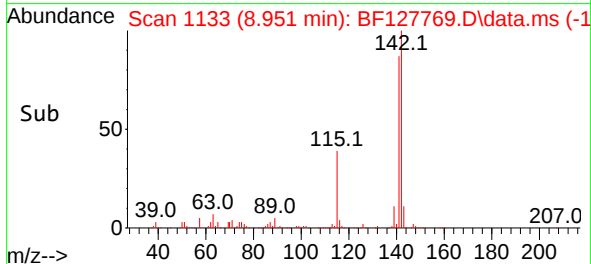
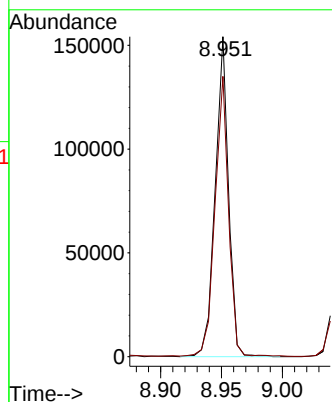
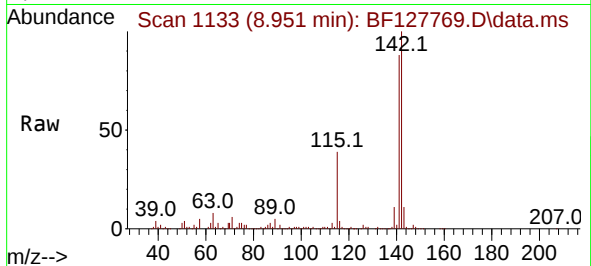




#37
2-Methylnaphthalene
Concen: 6.795 ng
RT: 8.951 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

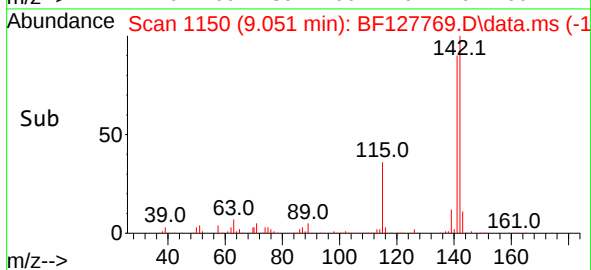
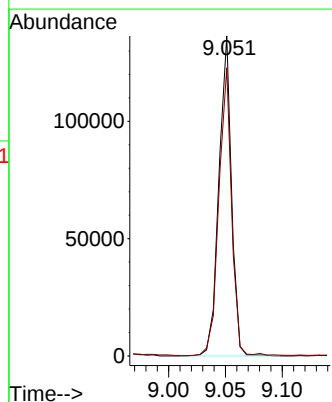
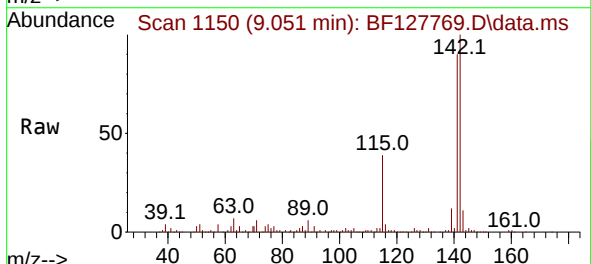
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MW-9

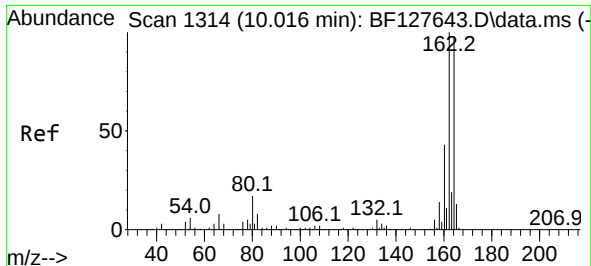
Tgt Ion:142 Resp: 117012
Ion Ratio Lower Upper
142 100
141 87.6 70.6 106.0



#38
1-Methylnaphthalene
Concen: 6.357 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

Tgt Ion:142 Resp: 105669
Ion Ratio Lower Upper
142 100
141 90.1 74.2 111.2

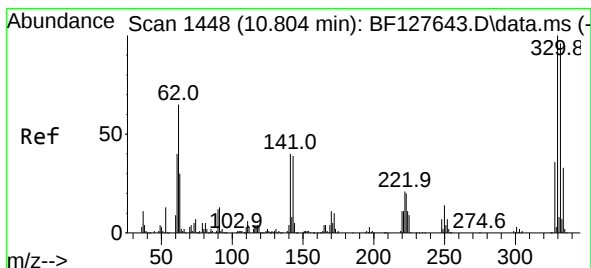
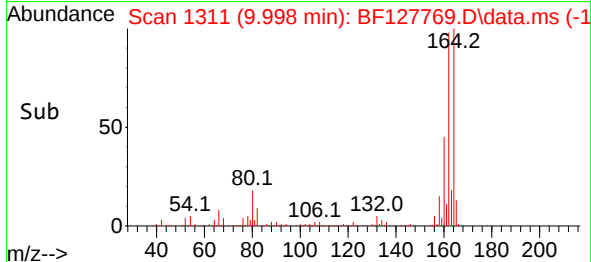
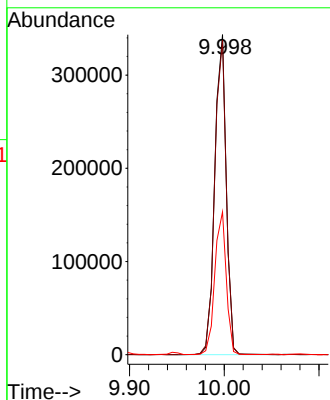
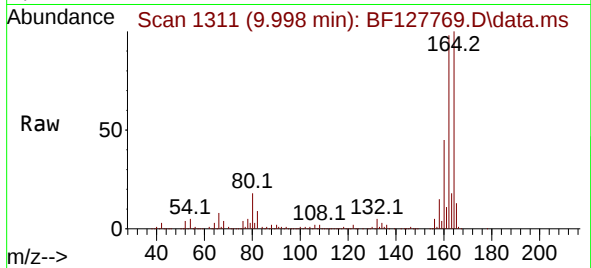




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

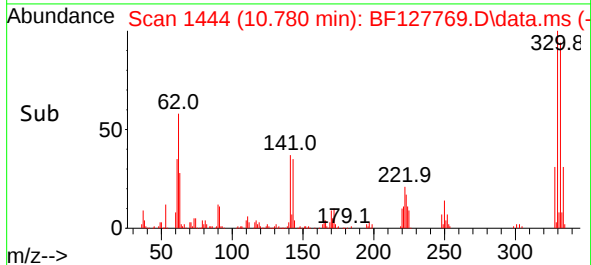
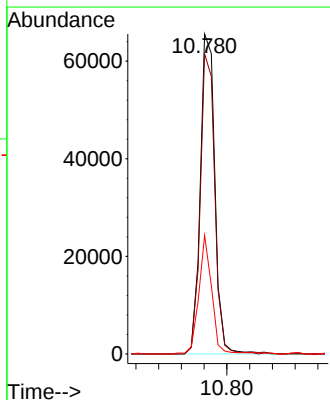
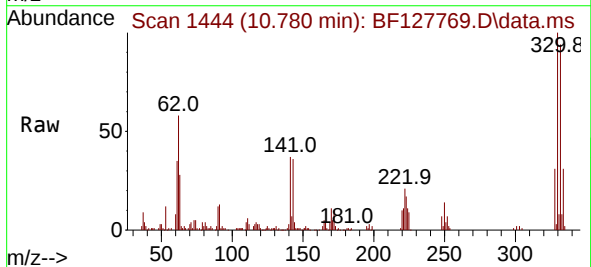
Instrument :
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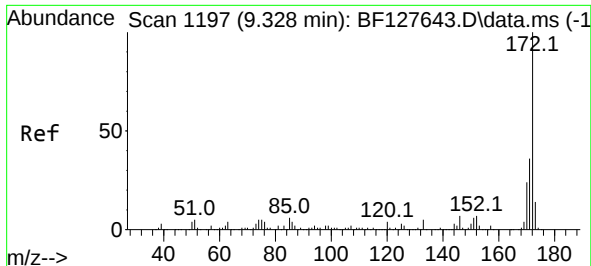
Tgt Ion:164 Resp: 288043
Ion Ratio Lower Upper
164 100
162 98.3 81.2 121.8
160 44.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 19.096 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

Tgt Ion:330 Resp: 58533
Ion Ratio Lower Upper
330 100
332 92.7 79.1 118.7
141 33.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 12.717 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127769.D

Acq: 12 Apr 2022 20:30

Instrument :

BNA_F

ClientSampleId :

MW-9

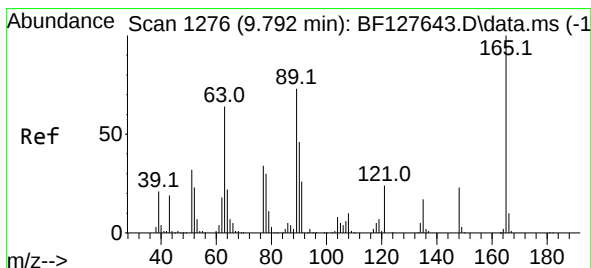
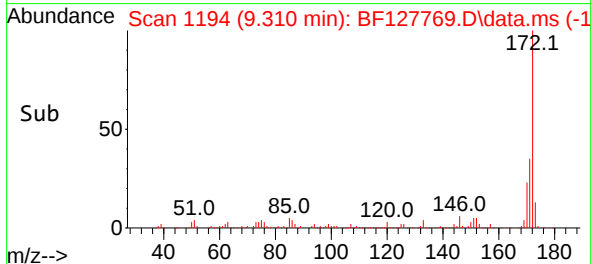
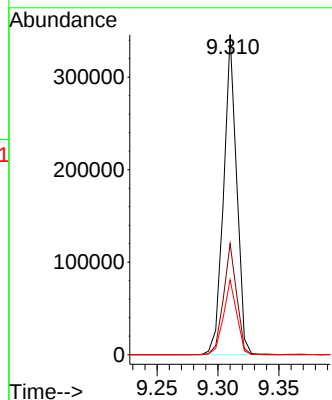
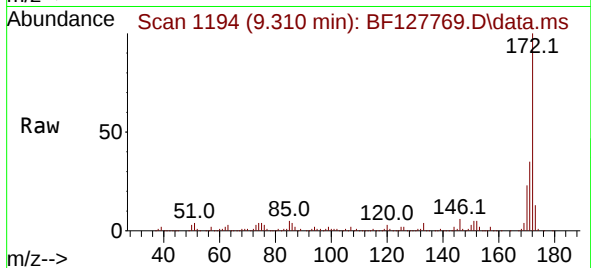
Tgt Ion:172 Resp: 258925

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.712 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127769.D

Acq: 12 Apr 2022 20:30

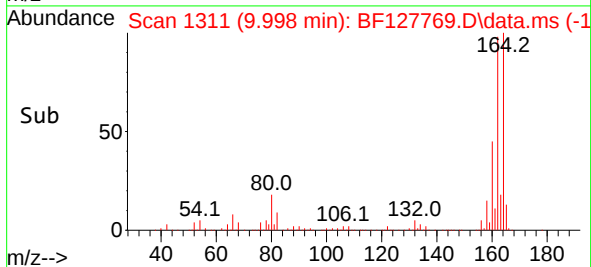
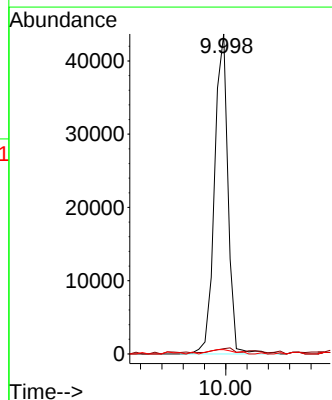
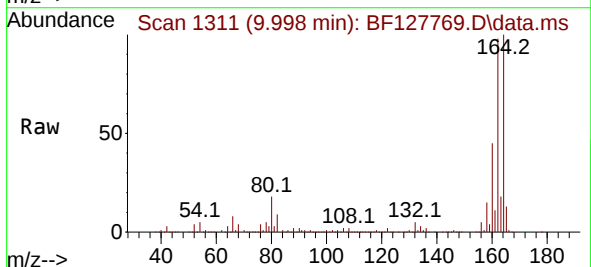
Tgt Ion:165 Resp: 38224

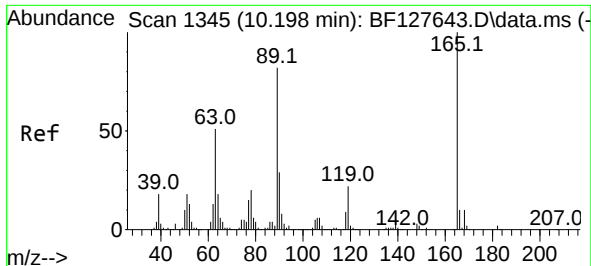
Ion Ratio Lower Upper

165 100

63 1.6 58.3 87.5#

89 1.3 51.5 77.3#

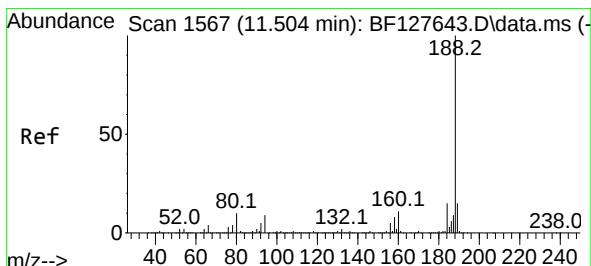
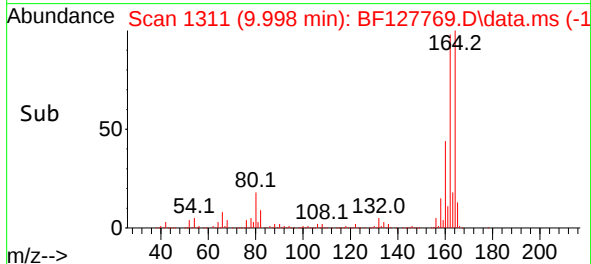
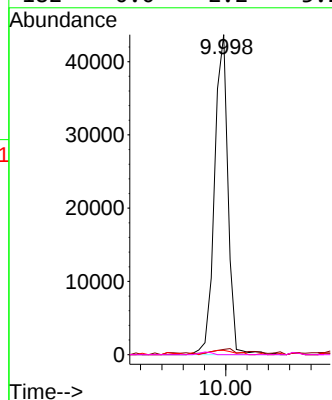
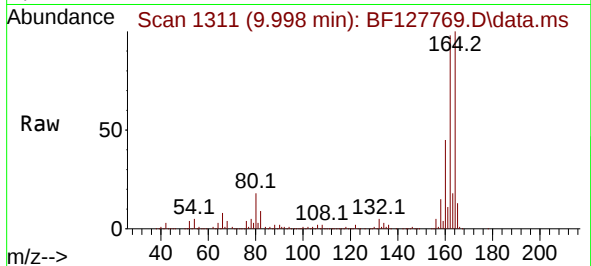




#57
2,4-Dinitrotoluene
Concen: 7.834 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

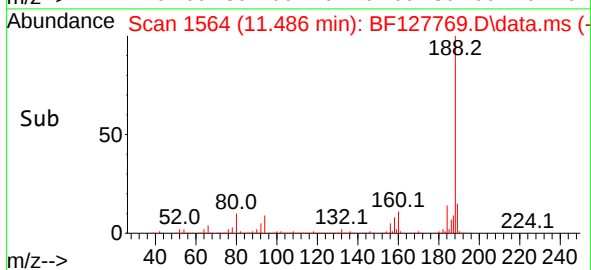
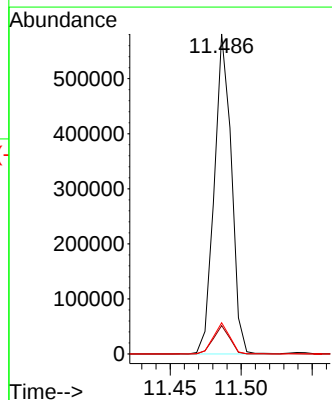
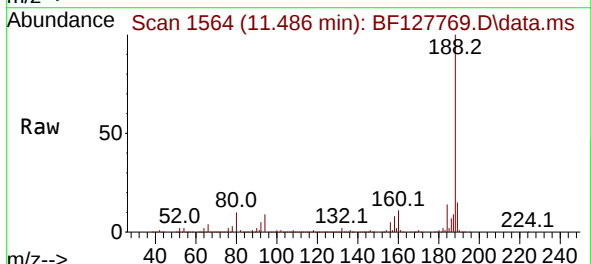
Instrument :
BNA_F
ClientSampleId :
MW-9

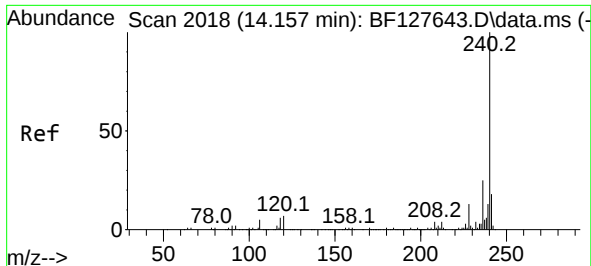
Tgt Ion:165 Resp: 38224
Ion Ratio Lower Upper
165 100
63 1.6 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

Tgt Ion:188 Resp: 487375
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 9.8 8.0 12.0

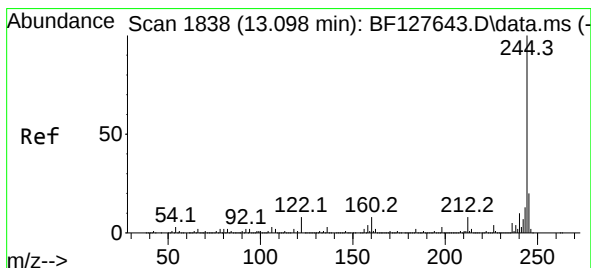
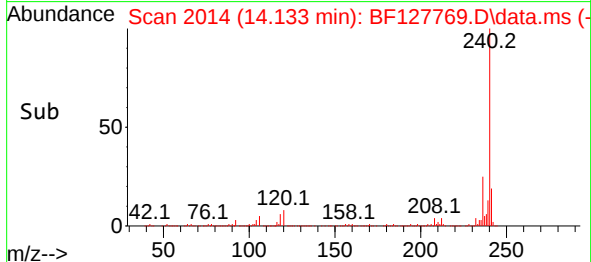
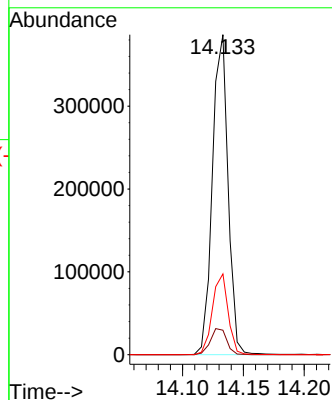
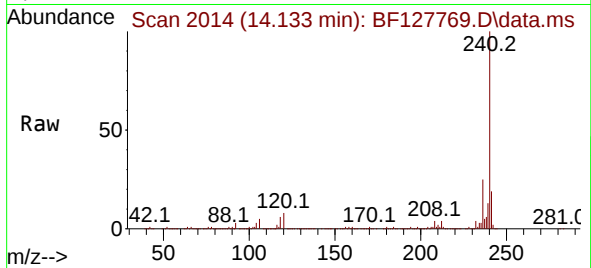




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

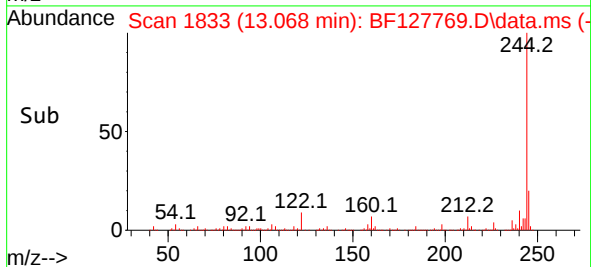
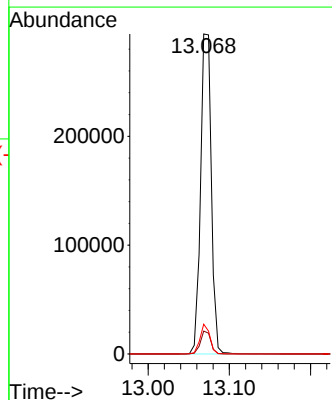
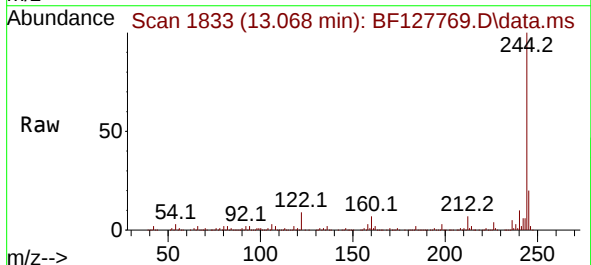
Instrument :
BNA_F
ClientSampleId :
MW-9

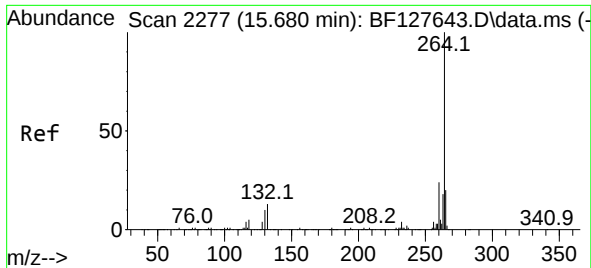
Tgt Ion:240 Resp: 345199
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 25.2 20.7 31.1



#79
Terphenyl-d14
Concen: 12.998 ng
RT: 13.068 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

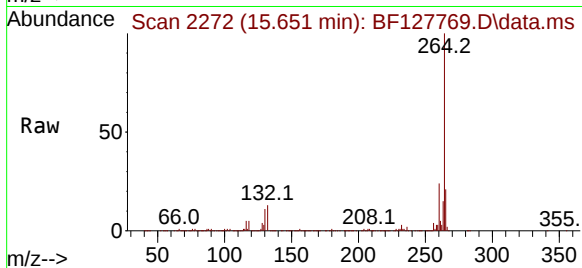
Tgt Ion:244 Resp: 271827
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.3 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127769.D
Acq: 12 Apr 2022 20:30

Instrument :
BNA_F
ClientSampleId :
MW-9



Tgt Ion:264 Resp: 365956

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.0	17.4	26.2

