

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127961.D
 Acq On : 27 Apr 2022 22:46
 Operator : CG\JU
 Sample : N2521-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Quant Time: Apr 28 05:17:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

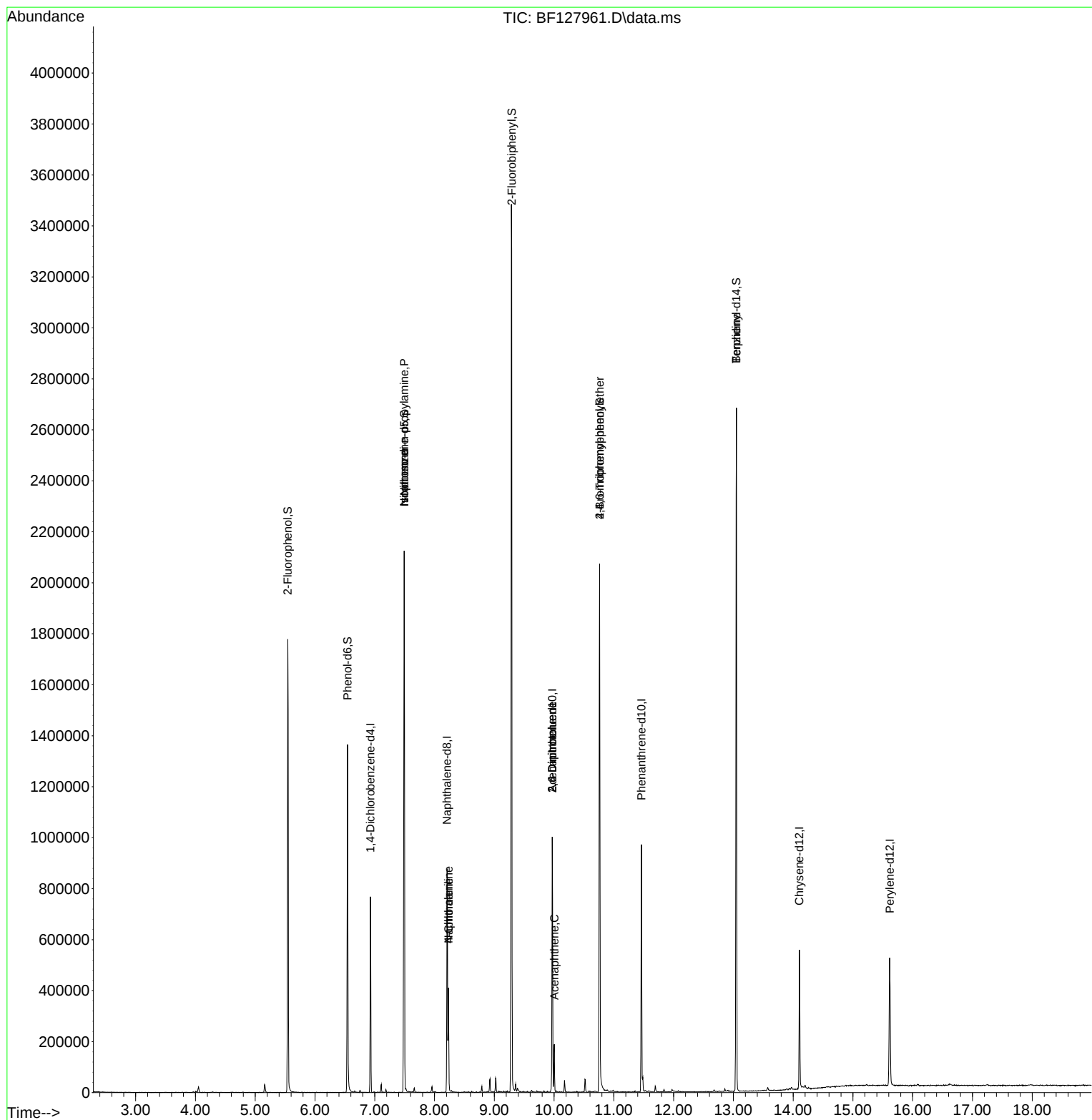
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	98390	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	377840	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	205406	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	331054	20.000	ng	0.00
76) Chrysene-d12	14.104	240	187205	20.000	ng	-0.01
86) Perylene-d12	15.615	264	226139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	452724	73.289	ng	0.00
7) Phenol-d6	6.545	99	398489	49.716	ng	-0.02
23) Nitrobenzene-d5	7.492	82	737675	91.807	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	238673	115.426	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1155297	95.151	ng	0.00
79) Terphenyl-d14	13.051	244	916317	89.503	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	99625	20.304	ng	# 81
25) Isophorone	7.492	82	737669	54.547	ng	# 68
31) Naphthalene	8.233	128	159013	8.263	ng	99
33) 4-Chloroaniline	8.233	127	20759	2.726	ng	# 33
51) 2,6-Dinitrotoluene	9.969	165	26851	9.003	ng	# 21
52) Acenaphthene	10.004	154	38174	3.205	ng	99
57) 2,4-Dinitrotoluene	9.969	165	26851	6.796	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	14641	3.989	ng	# 1
77) Benzidine	13.051	184	13235	3.736	ng	# 94

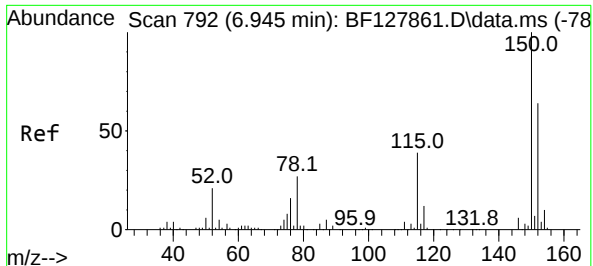
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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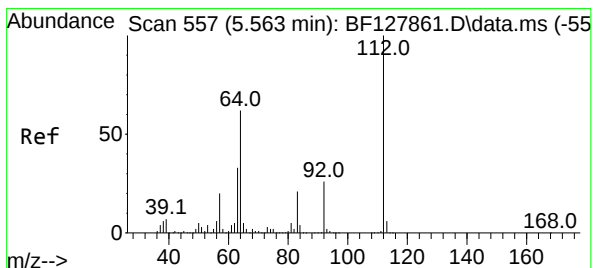
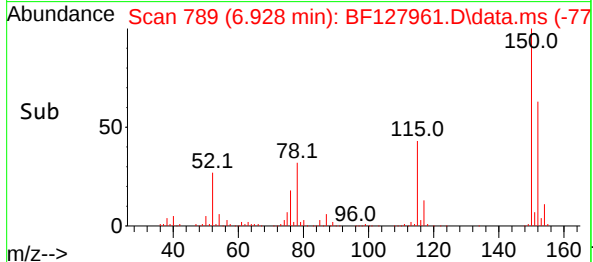
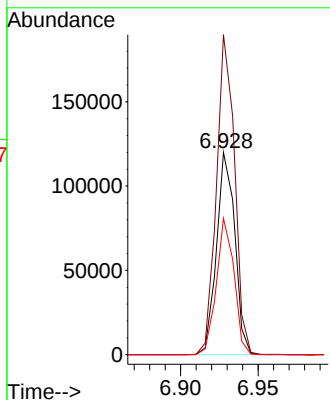
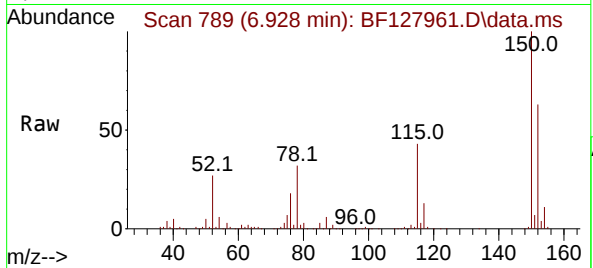




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127961.D
 Acq: 27 Apr 2022 22:46

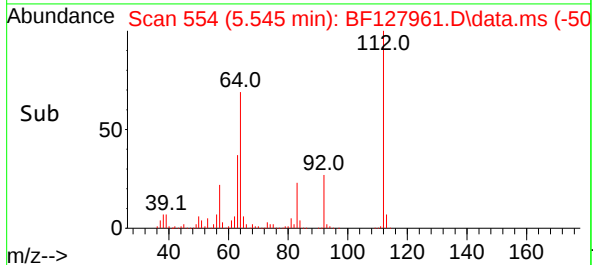
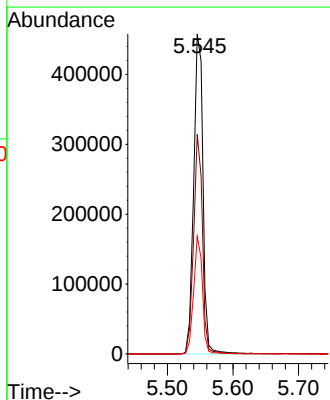
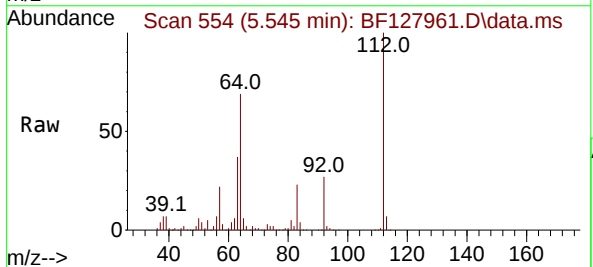
Instrument :
 BNA_F
 ClientSampleId :
 MW2

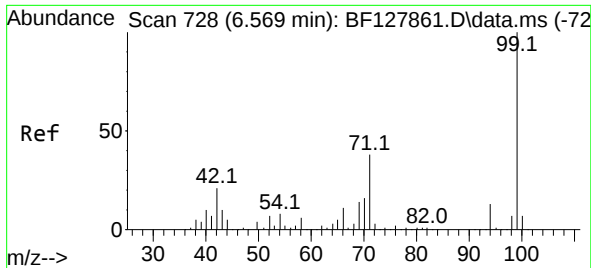
Tgt Ion:152 Resp: 98390
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.3 187.9
 115 67.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 73.289 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF127961.D
 Acq: 27 Apr 2022 22:46

Tgt Ion:112 Resp: 452724
 Ion Ratio Lower Upper
 112 100
 64 68.6 49.5 74.3
 63 36.7 26.3 39.5

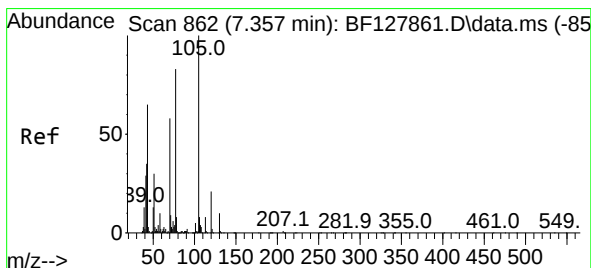
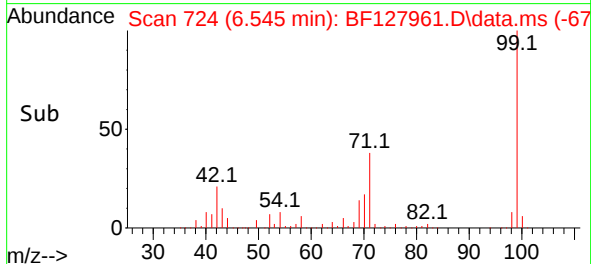
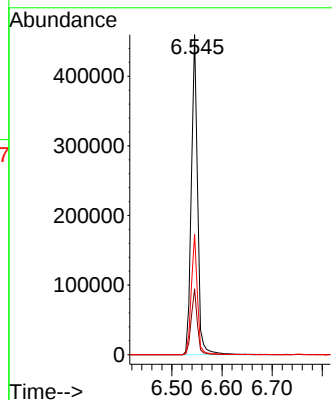
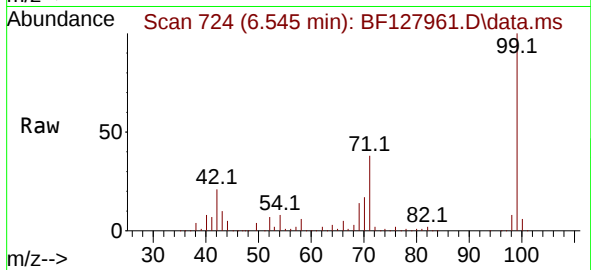




#7
Phenol-d6
Concen: 49.716 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

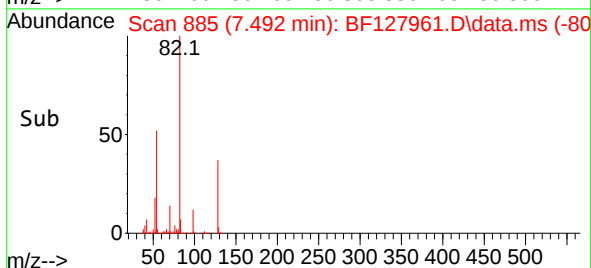
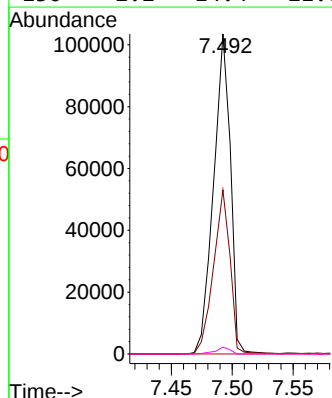
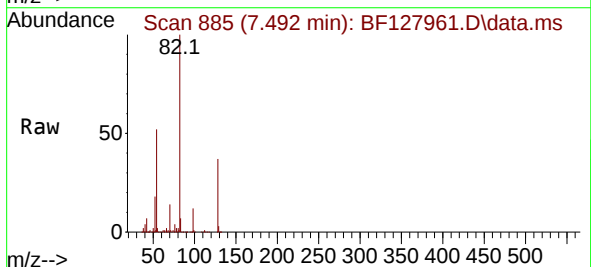
Instrument :
BNA_F
ClientSampleId :
MW2

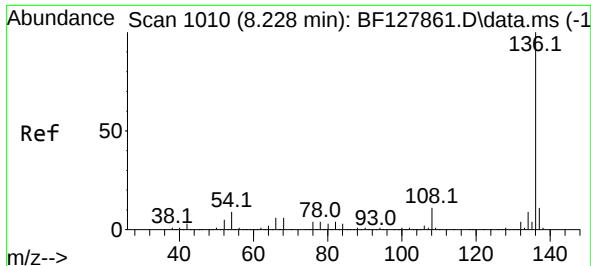
Tgt Ion: 99 Resp: 398489
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 37.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.304 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion: 70 Resp: 99625
Ion Ratio Lower Upper
70 100
42 51.2 48.7 73.1
101 0.0 7.2 10.8#
130 2.2 14.4 21.6#



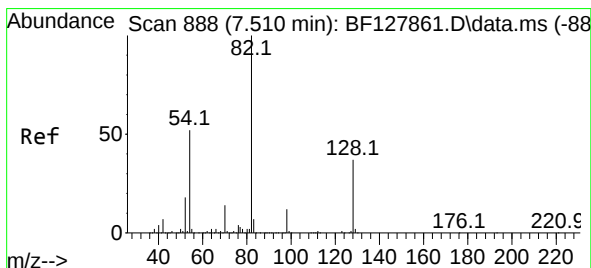
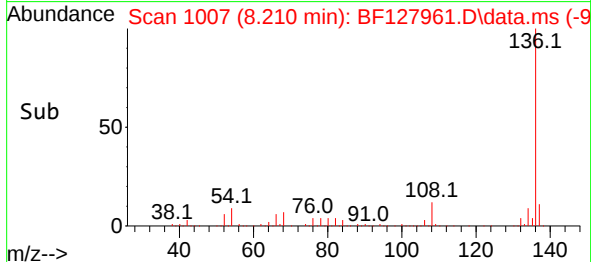
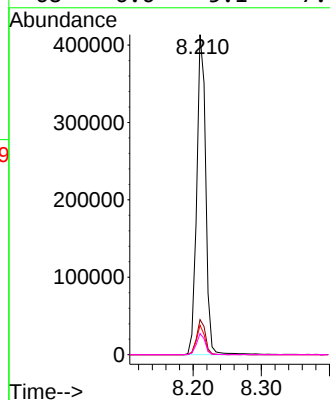
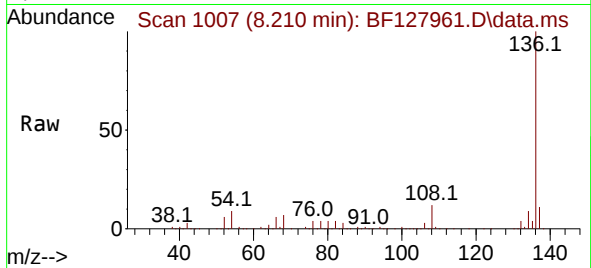


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Instrument :
BNA_F
ClientSampleId :
MW2

Tgt Ion:136 Resp: 377840

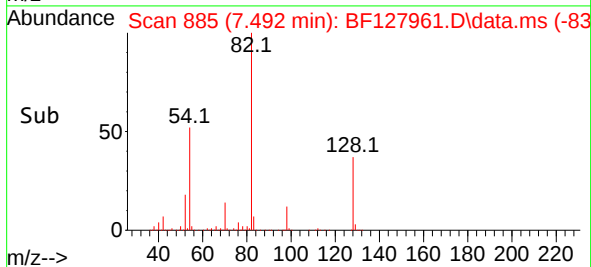
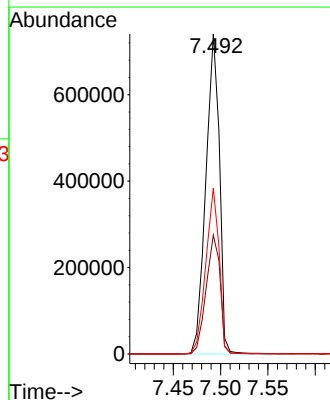
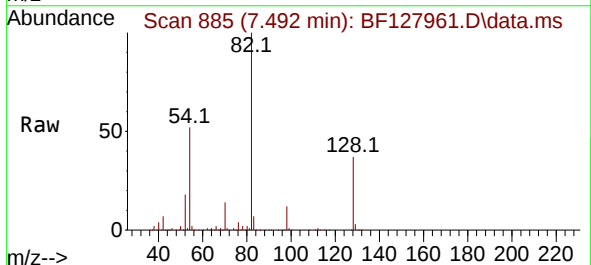
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.2	6.8	10.2
68	6.6	5.1	7.7

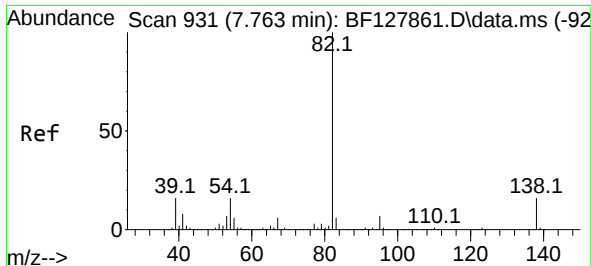


#23
Nitrobenzene-d5
Concen: 91.807 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion: 82 Resp: 737675

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.0	45.0
54	51.9	41.3	61.9

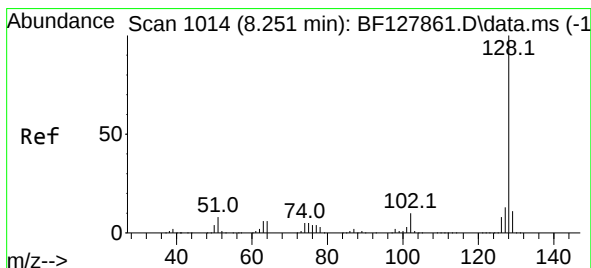
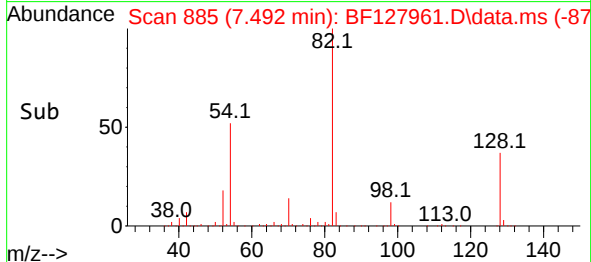
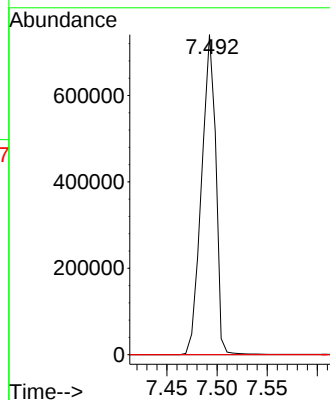
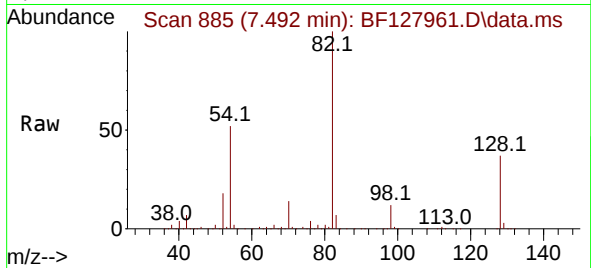




#25
Isophorone
Concen: 54.547 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

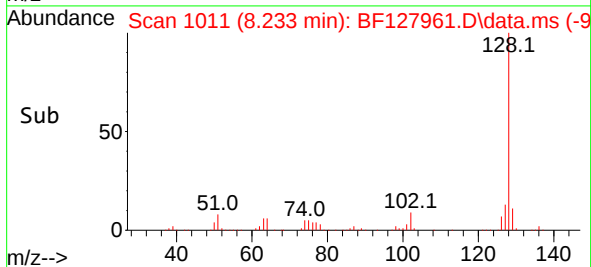
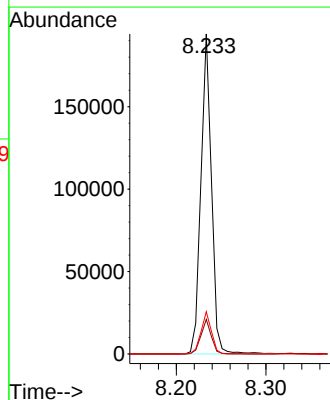
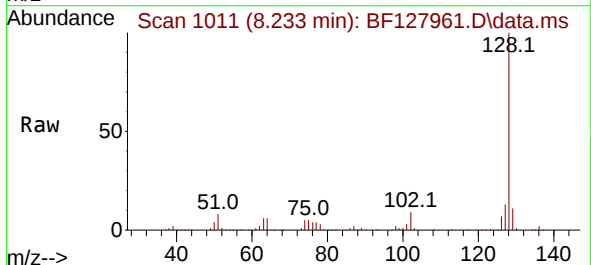
Instrument :
BNA_F
ClientSampleId :
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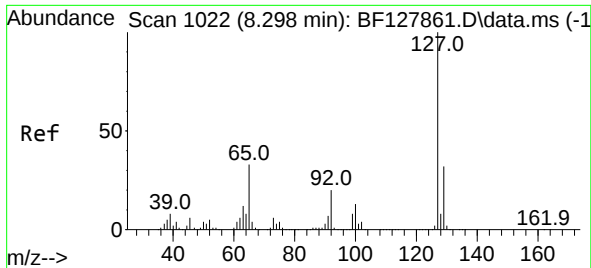
Tgt Ion: 82 Resp: 737669
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#31
Naphthalene
Concen: 8.263 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion: 128 Resp: 159013
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.6 16.0

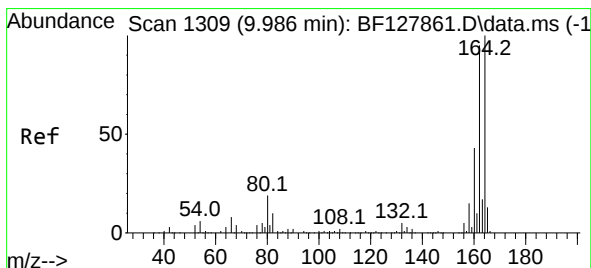
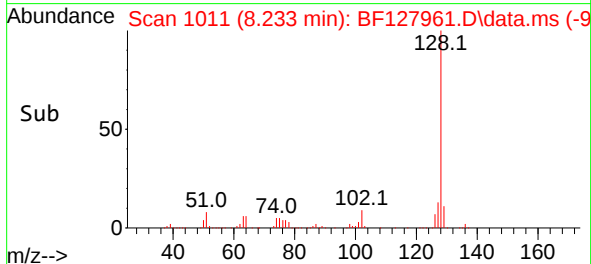
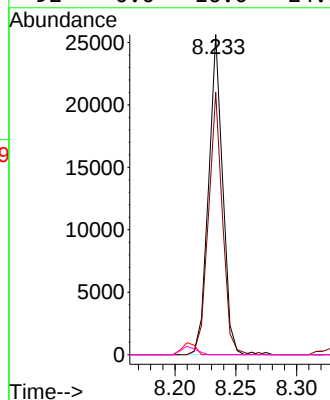
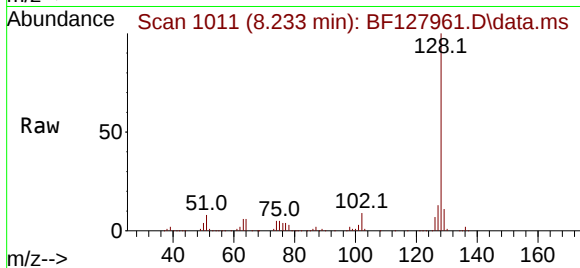




#33
4-Chloroaniline
Concen: 2.726 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.053 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

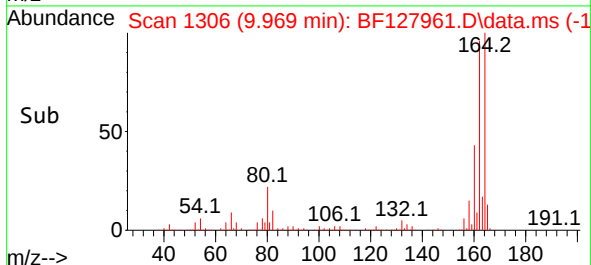
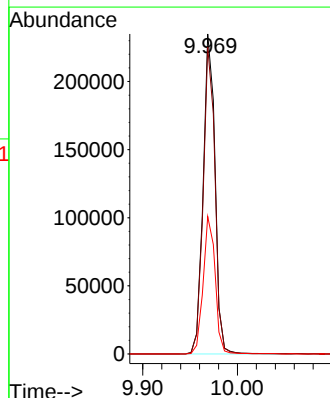
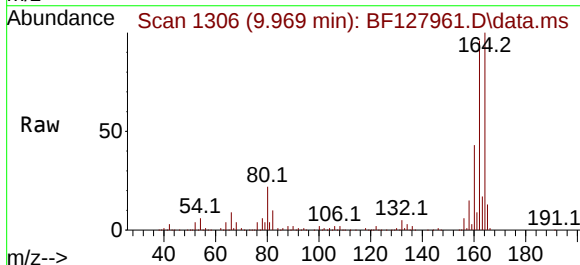
Instrument :
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ClientSampleId :
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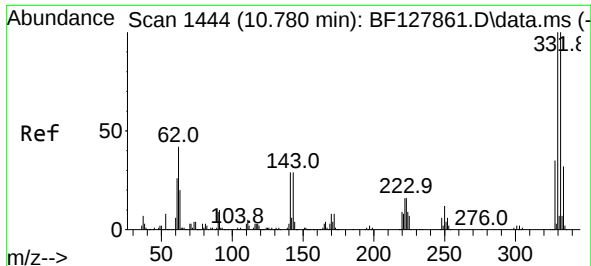
Tgt Ion:127	Resp:	20759
Ion Ratio	Lower	Upper
127	100	
129	82.0	25.8 38.8#
65	0.0	26.7 40.1#
92	0.0	16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion:164	Resp:	205406
Ion Ratio	Lower	Upper
164	100	
162	96.0	76.0 114.0
160	42.9	34.8 52.2

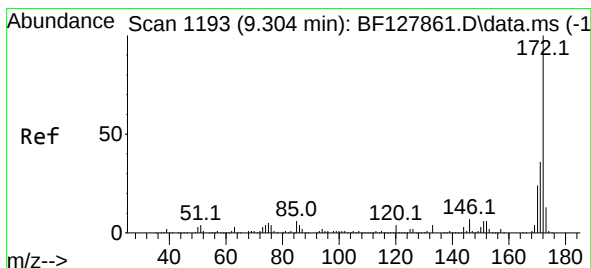
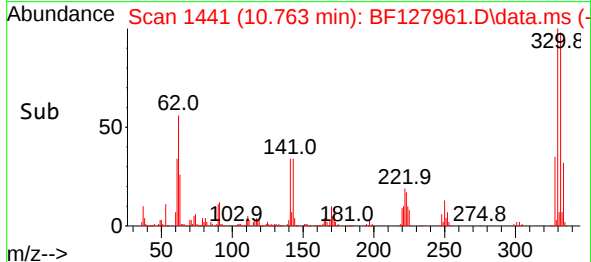
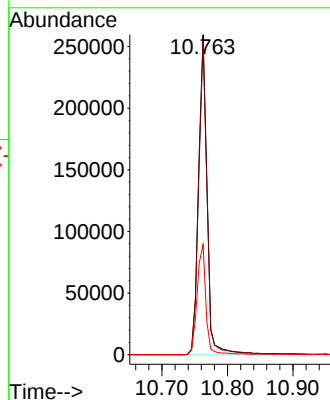
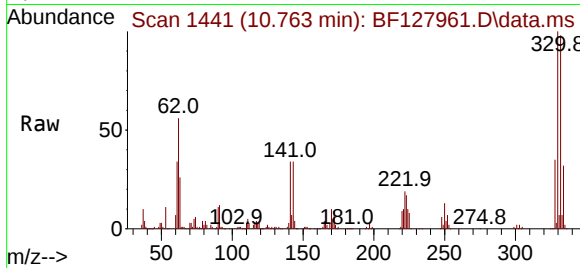




#42
2,4,6-Tribromophenol
Concen: 115.426 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

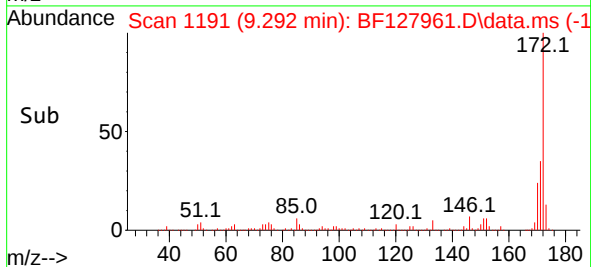
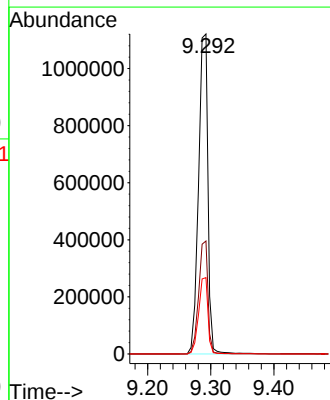
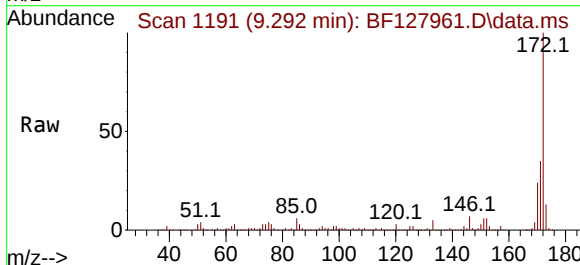
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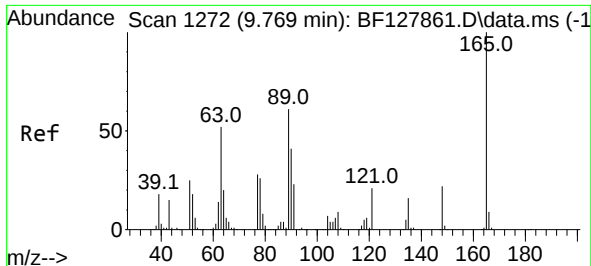
Tgt Ion: 330 Resp: 238673
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.4
141 35.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 95.151 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion: 172 Resp: 1155297
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.1 28.7

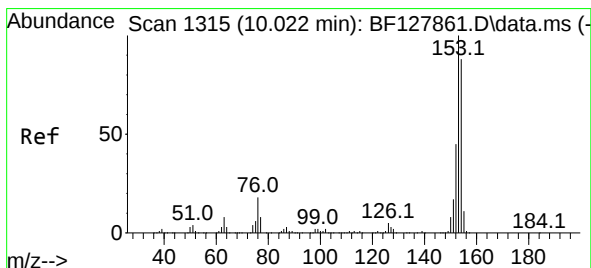
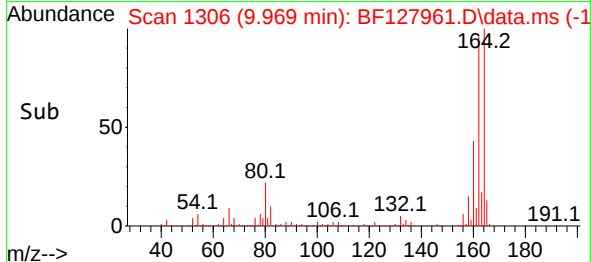
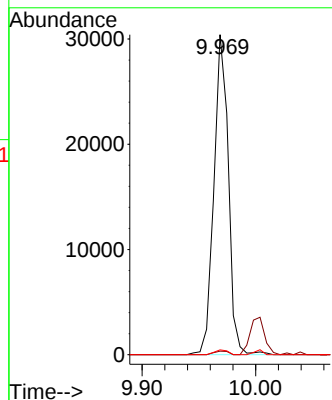
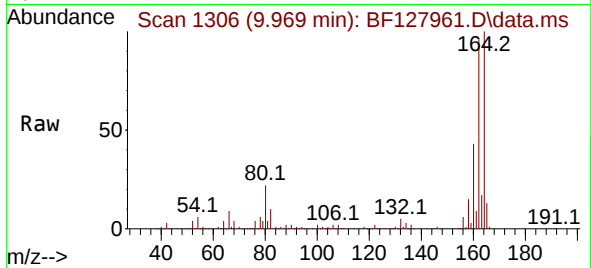




#51
2,6-Dinitrotoluene
Concen: 9.003 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

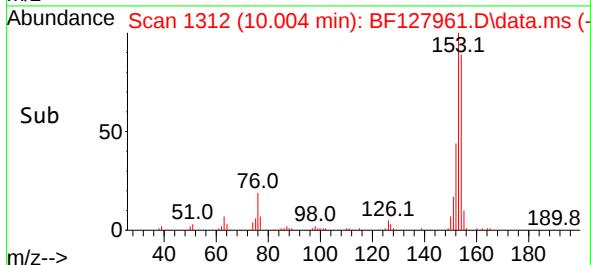
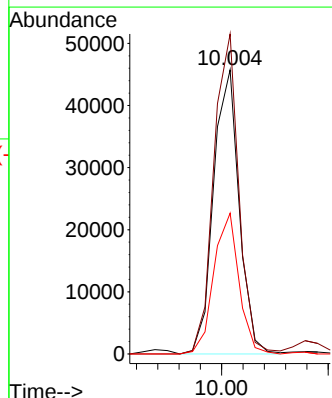
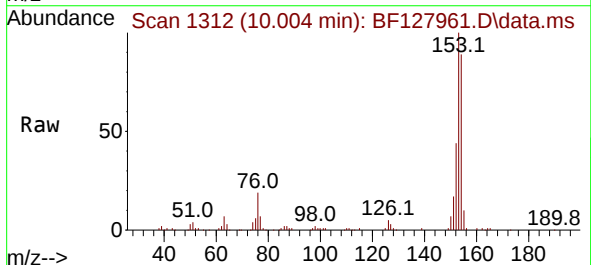
Instrument :
BNA_F
ClientSampleId :
MW2

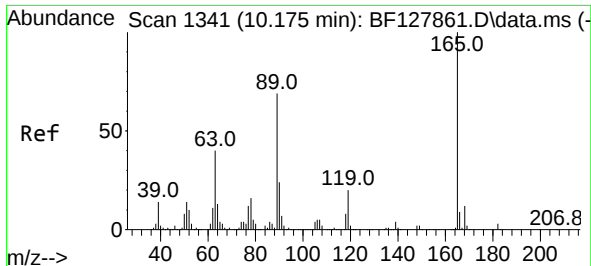
Tgt Ion:165 Resp: 26851
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.5 49.0 73.4#



#52
Acenaphthene
Concen: 3.205 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion:154 Resp: 38174
Ion Ratio Lower Upper
154 100
153 112.6 90.5 135.7
152 49.6 41.0 61.6

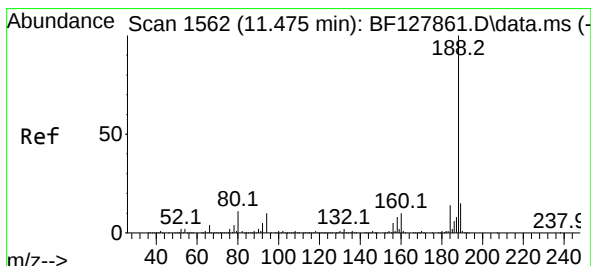
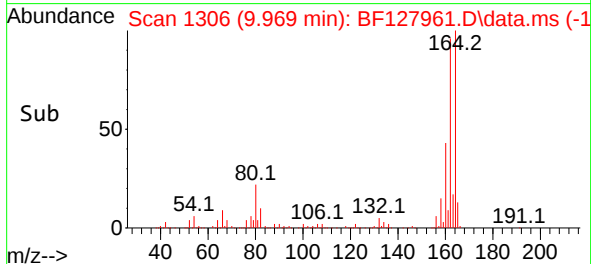
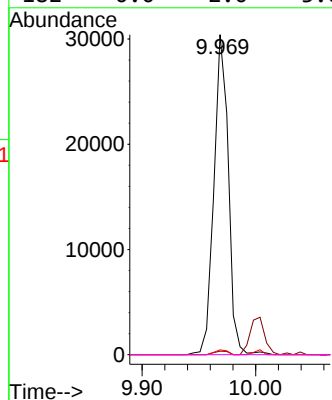
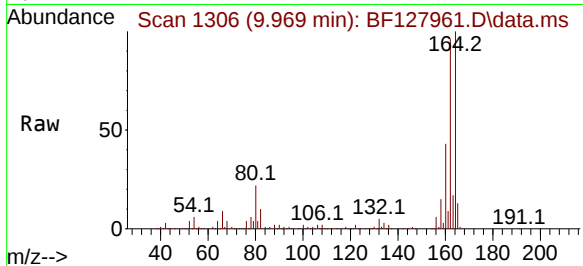




#57
2,4-Dinitrotoluene
Concen: 6.796 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

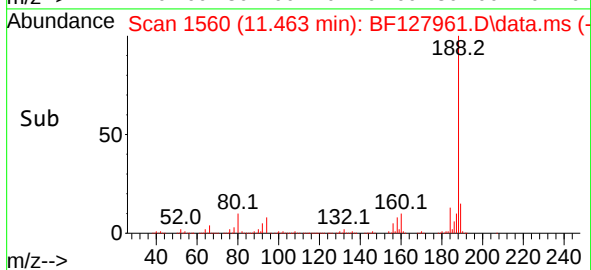
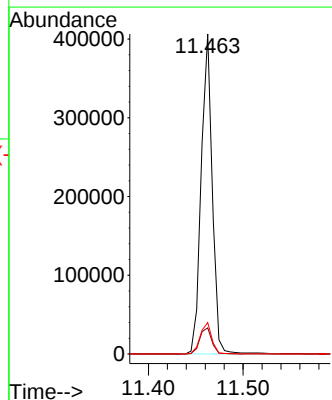
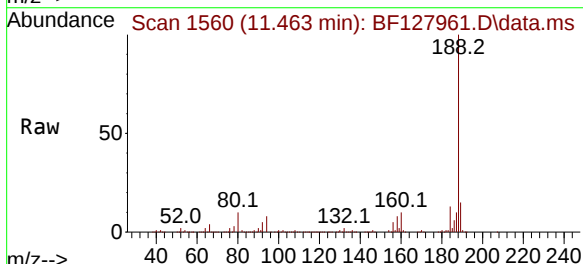
Instrument :
BNA_F
ClientSampleId :
MW2

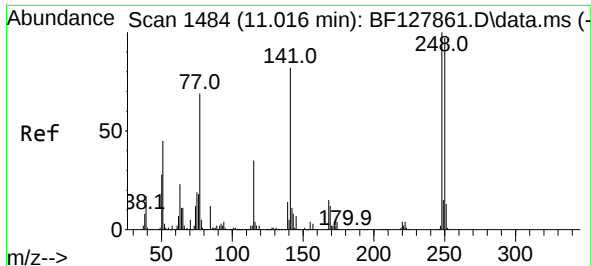
Tgt Ion:165	Resp:	26851
Ion Ratio	Lower	Upper
165	100	
63	1.1	32.6 49.0#
89	1.5	55.2 82.8#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127961.D
Acq: 27 Apr 2022 22:46

Tgt Ion:188	Resp:	331054
Ion Ratio	Lower	Upper
188	100	
94	8.1	8.0 12.0
80	9.8	8.9 13.3





#67

4-Bromophenyl-phenylether

Concen: 3.989 ng

RT: 10.763 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF127961.D

Acq: 27 Apr 2022 22:46

Instrument :

BNA_F

ClientSampleId :

MW2

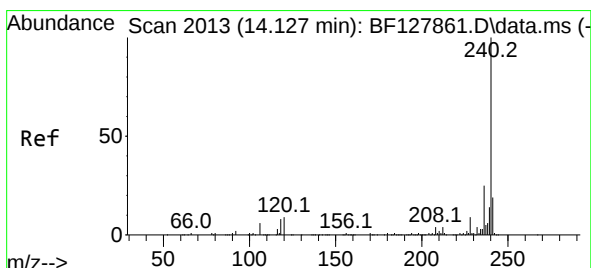
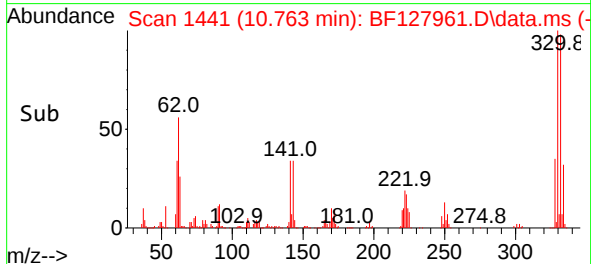
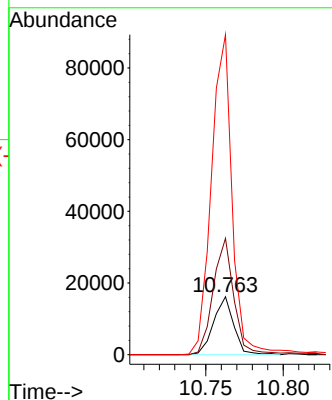
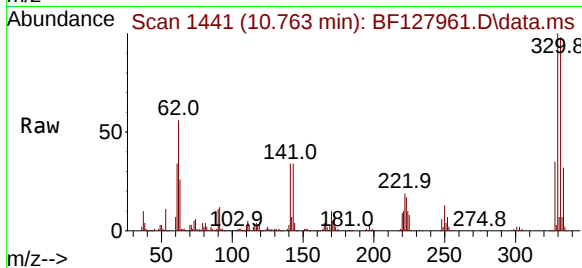
Tgt Ion:248 Resp: 14641

Ion Ratio Lower Upper

248 100

250 200.8 77.7 116.5#

141 552.5 65.6 98.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF127961.D

Acq: 27 Apr 2022 22:46

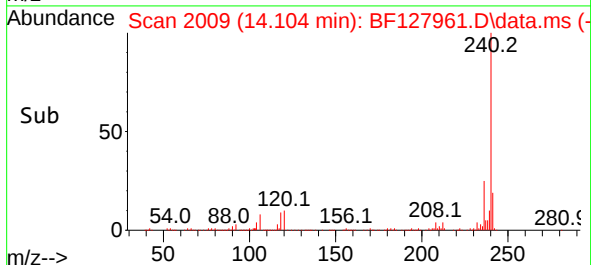
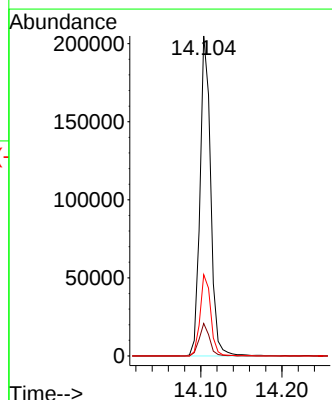
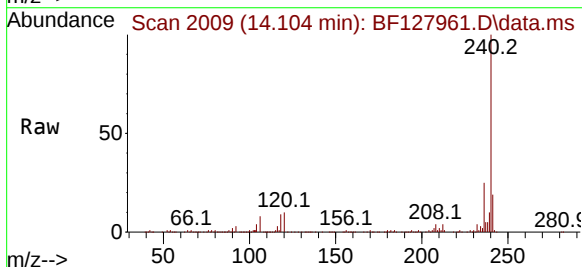
Tgt Ion:240 Resp: 187205

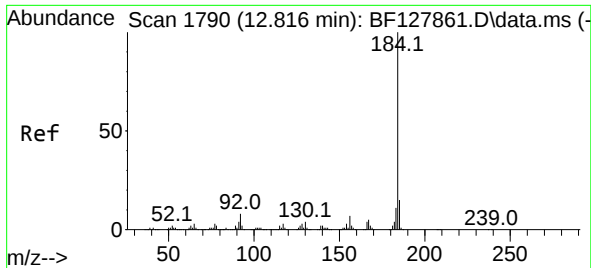
Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.6

236 25.4 20.3 30.5





#77

Benzidine

Concen: 3.736 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.247 min

Lab File: BF127961.D

Acq: 27 Apr 2022 22:46

Instrument :

BNA_F

ClientSampleId :

MW2

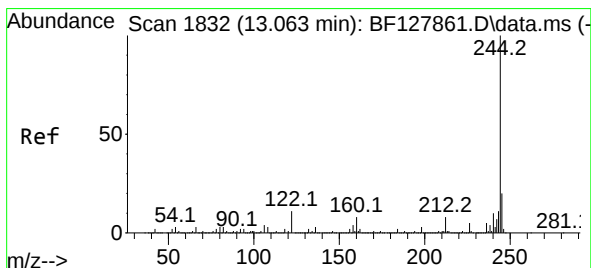
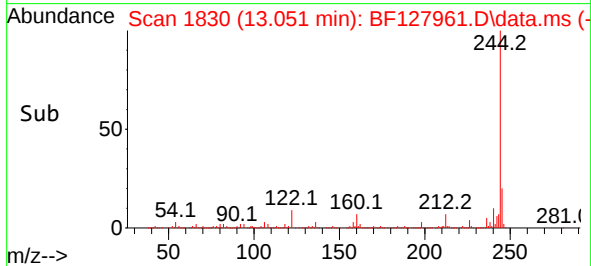
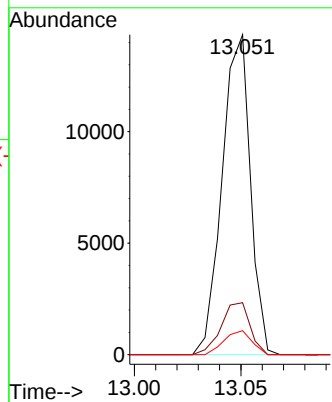
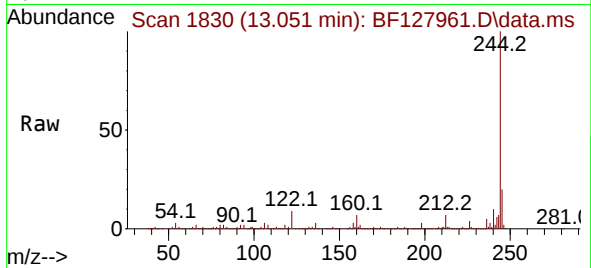
Tgt Ion:184 Resp: 13235

Ion Ratio Lower Upper

184 100

185 16.3 12.1 18.1

183 7.5 9.0 13.4#



#79

Terphenyl-d14

Concen: 89.503 ng

RT: 13.051 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF127961.D

Acq: 27 Apr 2022 22:46

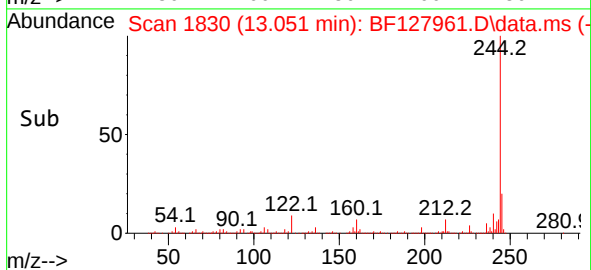
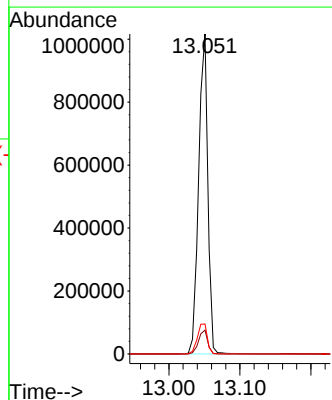
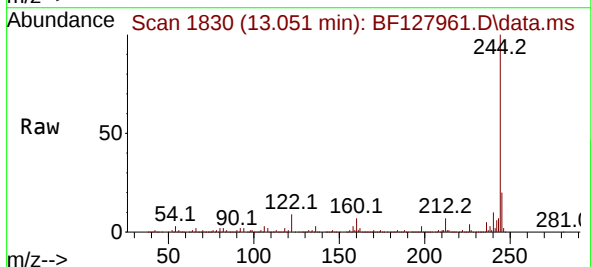
Tgt Ion:244 Resp: 916317

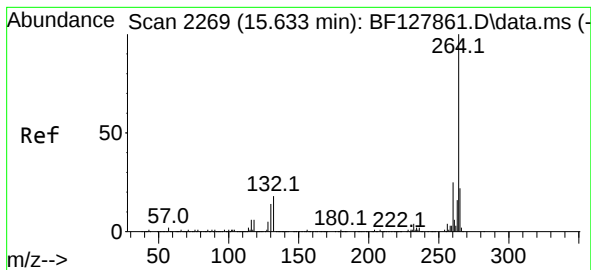
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 9.4 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127961.D

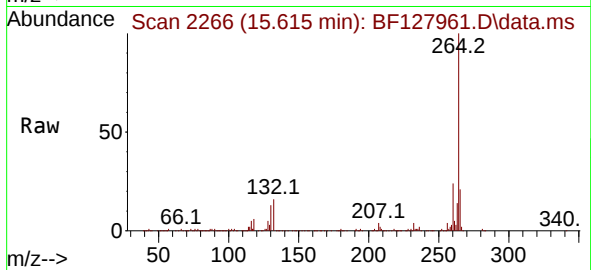
Acq: 27 Apr 2022 22:46

Instrument :

BNA_F

ClientSampleId :

MW2



Tgt Ion:264 Resp: 226139

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 21.4 17.5 26.3

