

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127754.D
 Acq On : 12 Apr 2022 12:58
 Operator : CG\JU
 Sample : PB144025BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144025BL

Quant Time: Apr 13 07:23:34 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)

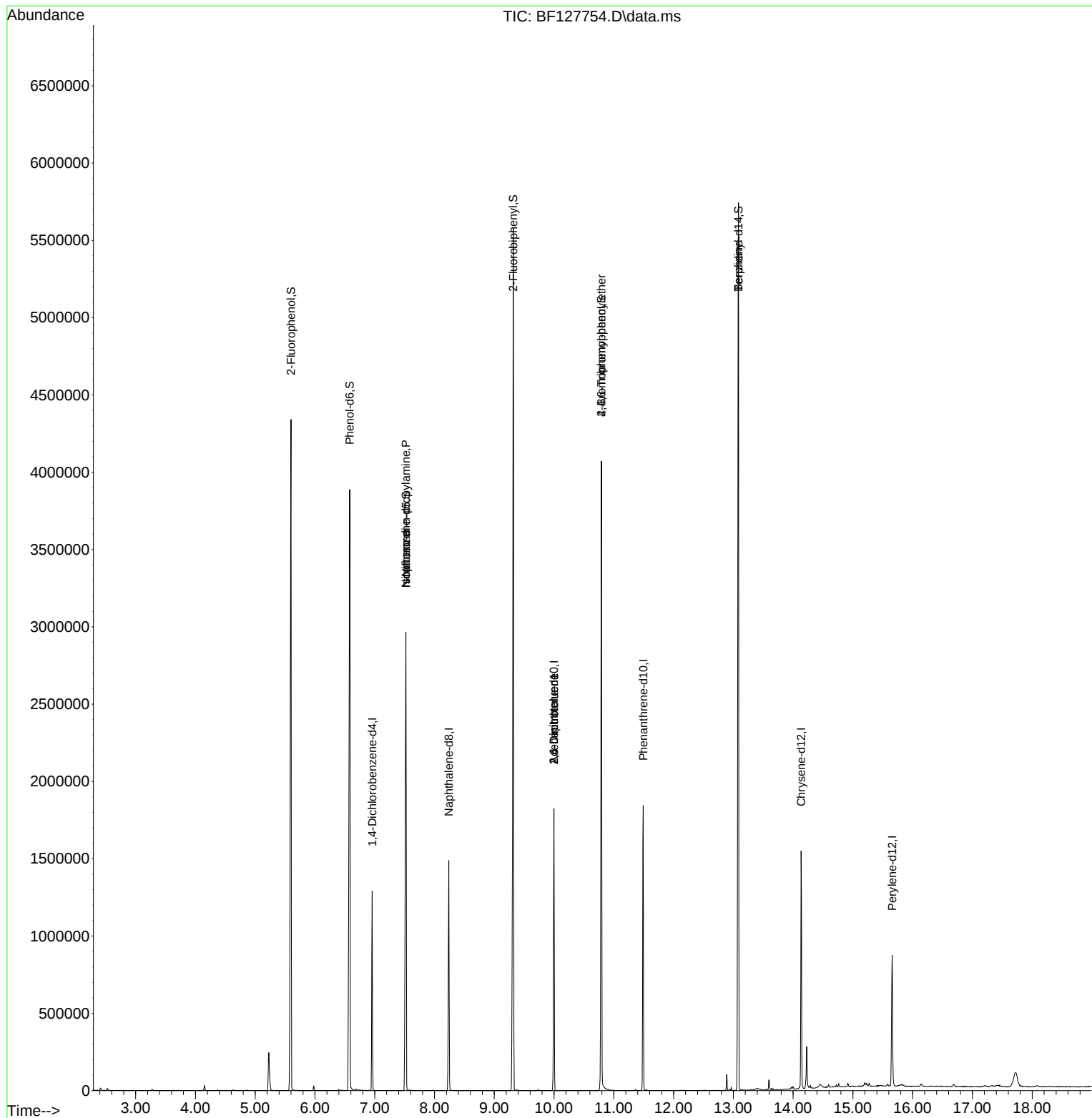
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	173551	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	639225	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	365536	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	671443	20.000	ng	0.00
76) Chrysene-d12	14.133	240	529102	20.000	ng	0.00
86) Perylene-d12	15.657	264	406708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	1256376	117.631	ng	0.02
7) Phenol-d6	6.581	99	1613808	115.498	ng	0.00
23) Nitrobenzene-d5	7.522	82	1162324	81.064	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	525445	135.081	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2010035	77.791	ng	0.00
79) Terphenyl-d14	13.086	244	2380832	74.273	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	3119	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	159976	17.702	ng	# 74
25) Isophorone	7.522	82	1159913	46.360	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	46456	9.302	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	46456	7.503	ng	# 13
67) 4-Bromophenyl-phenylether	10.792	248	34028	4.176	ng	# 1
77) Benizidine	13.086	184	34803	2.520	ng	# 95

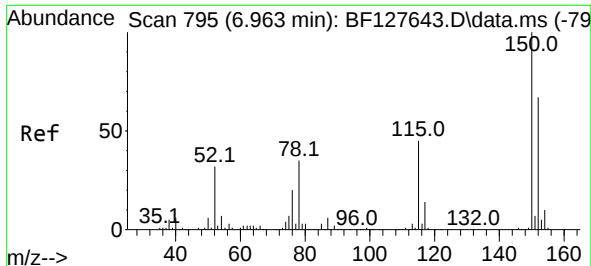
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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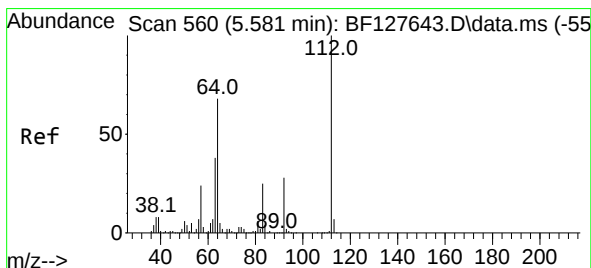
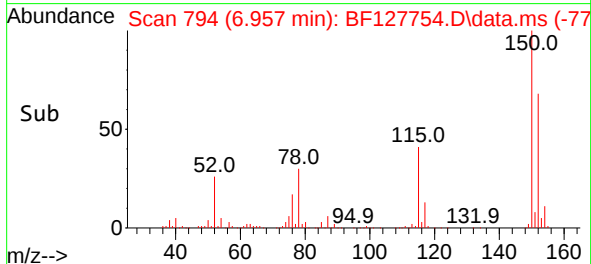
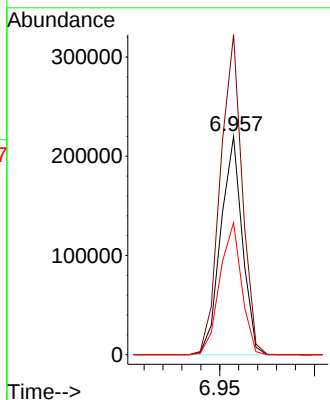
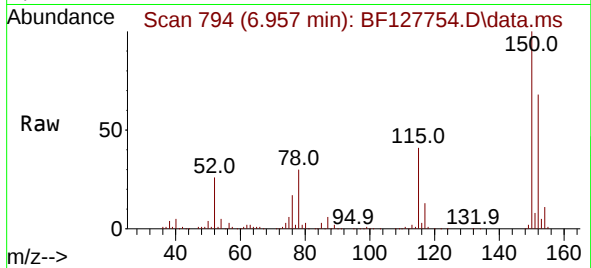




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

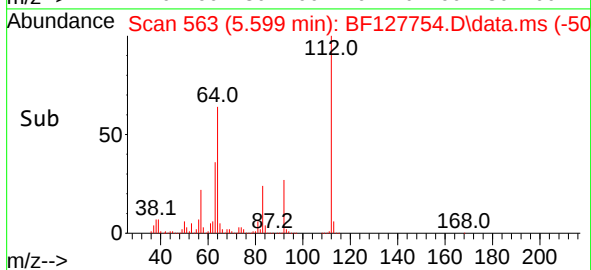
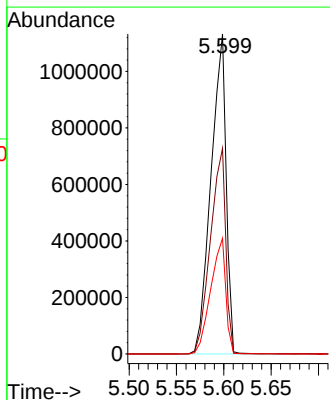
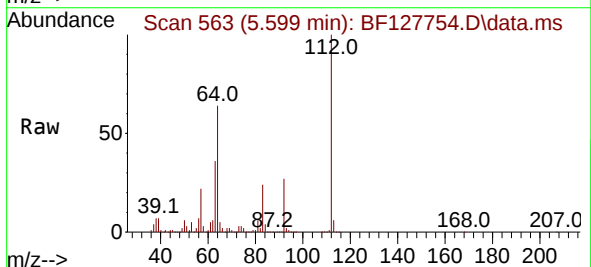
Instrument :
BNA_F
ClientSampleId :
PB144025BL

Tgt Ion:152 Resp: 173551
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 60.5 49.8 74.6



#5
2-Fluorophenol
Concen: 117.631 ng
RT: 5.599 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

Tgt Ion:112 Resp: 1256376
Ion Ratio Lower Upper
112 100
64 64.3 58.4 87.6
63 36.1 30.1 45.1

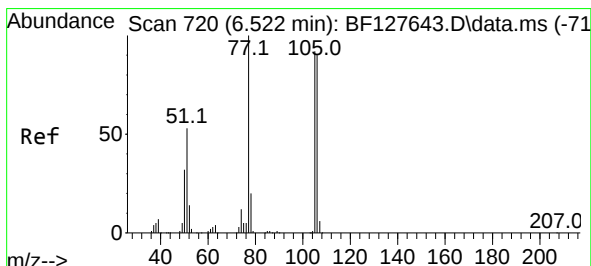
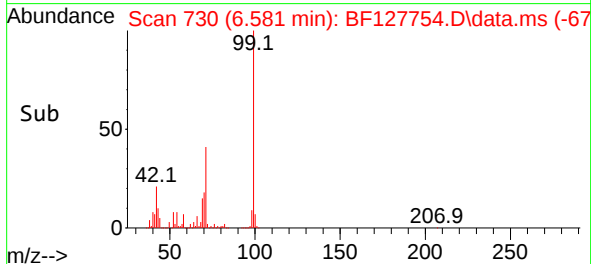
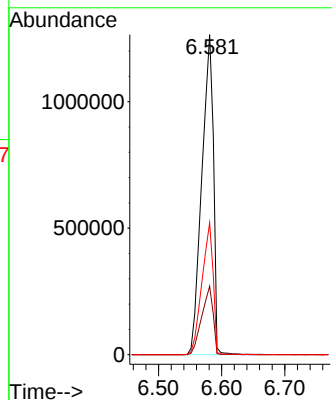
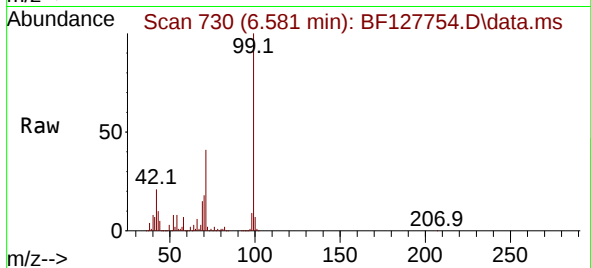




#7
Phenol-d6
Concen: 115.498 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

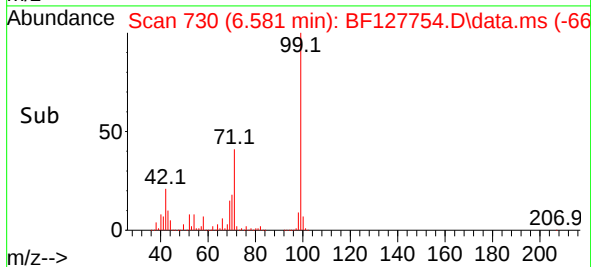
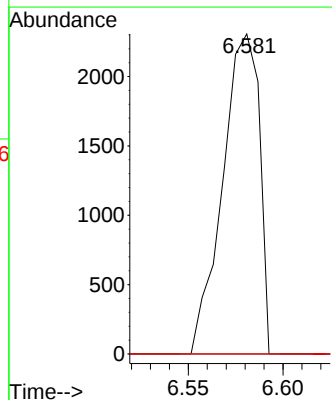
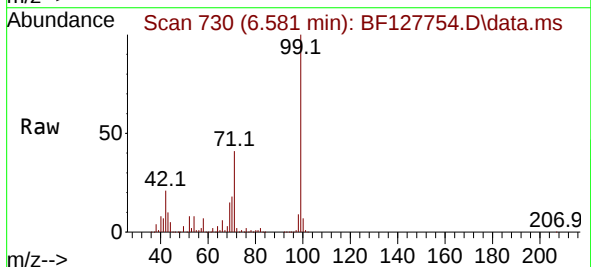
Instrument :
BNA_F
ClientSampleId :
PB144025BL

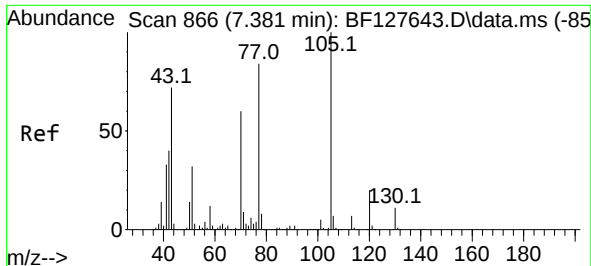
Tgt Ion: 99 Resp: 1613808
Ion Ratio Lower Upper
99 100
42 21.4 17.8 26.6
71 41.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.065 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

Tgt Ion: 77 Resp: 3119
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 17.702 ng

RT: 7.522 min Scan# 890

Delta R.T. 0.153 min

Lab File: BF127754.D

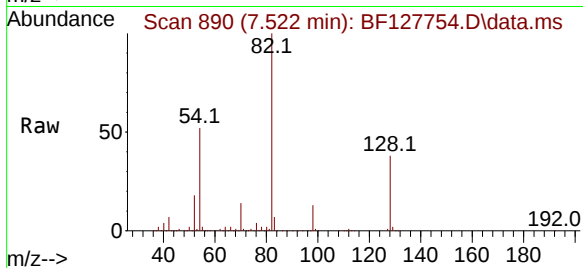
Acq: 12 Apr 2022 12:58

Instrument :

BNA_F

ClientSampleId :

PB144025BL



Tgt Ion: 70 Resp: 159976

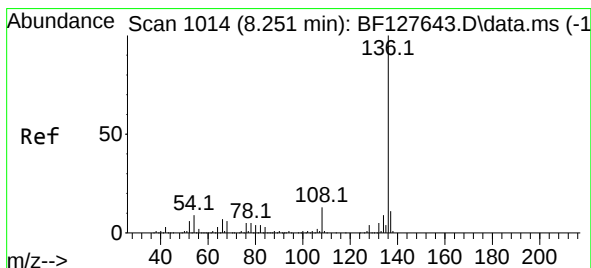
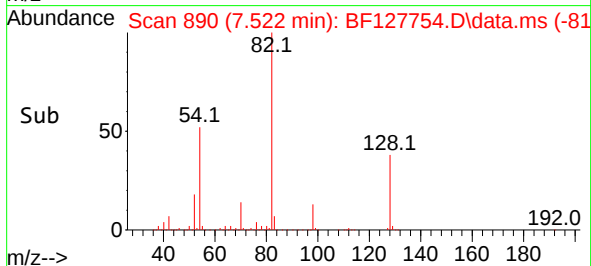
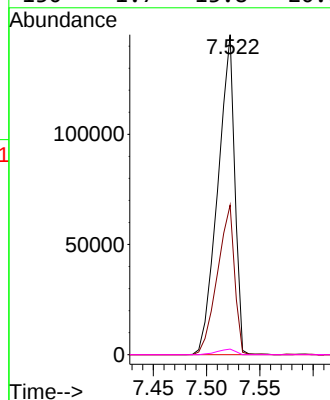
Ion Ratio Lower Upper

70 100

42 46.8 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127754.D

Acq: 12 Apr 2022 12:58

Tgt Ion: 136 Resp: 639225

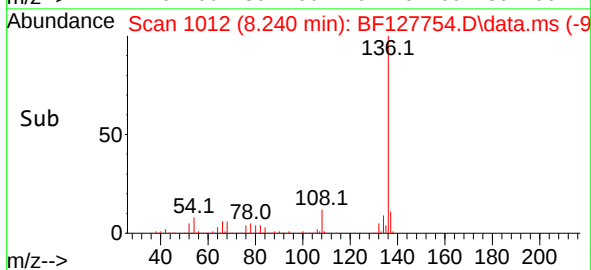
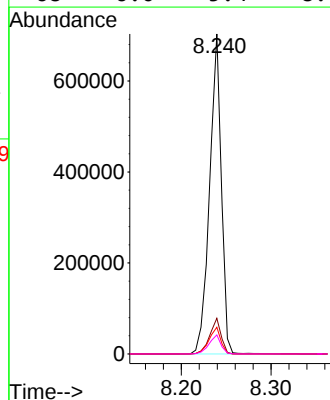
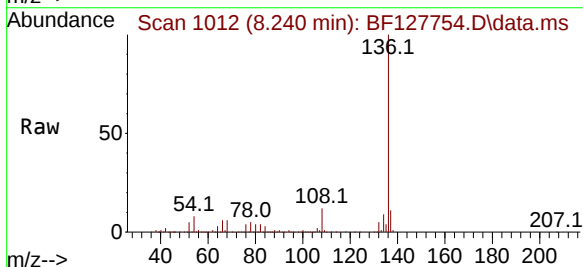
Ion Ratio Lower Upper

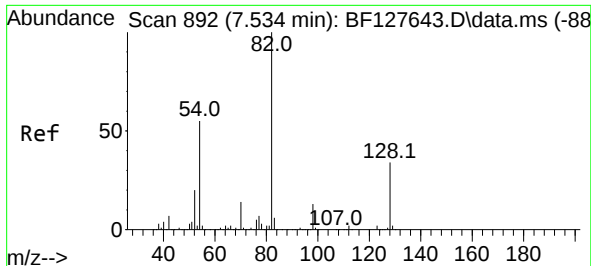
136 100

137 11.2 8.6 13.0

54 8.4 9.2 13.8#

68 6.0 5.4 8.0

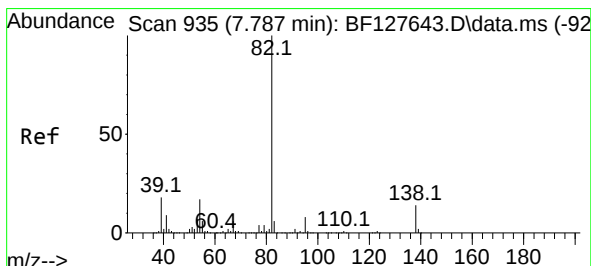
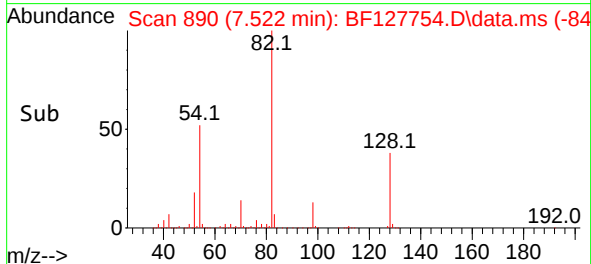
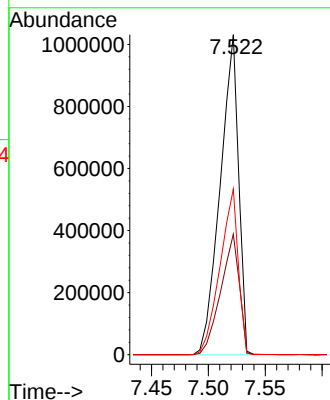
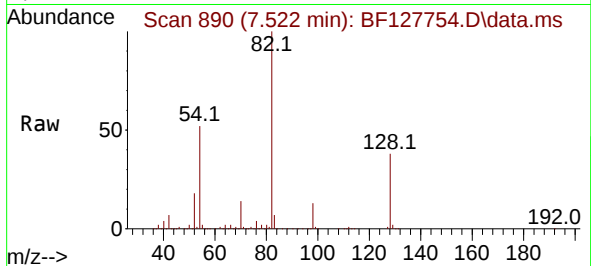




#23
Nitrobenzene-d5
Concen: 81.064 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

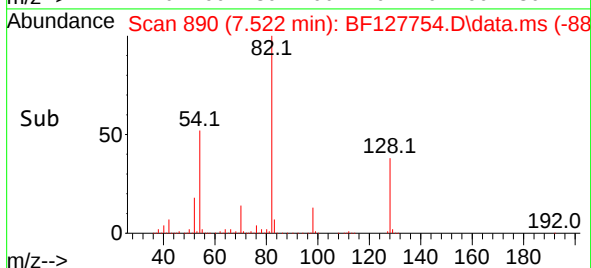
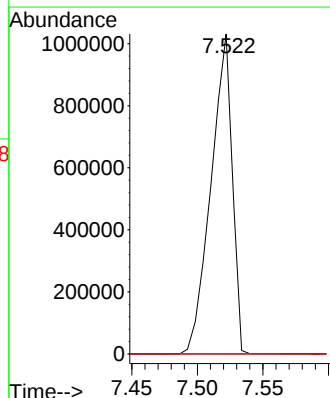
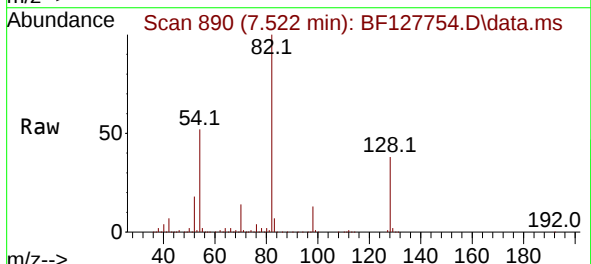
Instrument :
BNA_F
ClientSampleId :
PB144025BL

Tgt Ion: 82 Resp: 1162324
Ion Ratio Lower Upper
82 100
128 37.6 30.6 45.8
54 51.7 48.2 72.2



#25
Isophorone
Concen: 46.360 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.259 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

Tgt Ion: 82 Resp: 1159913
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

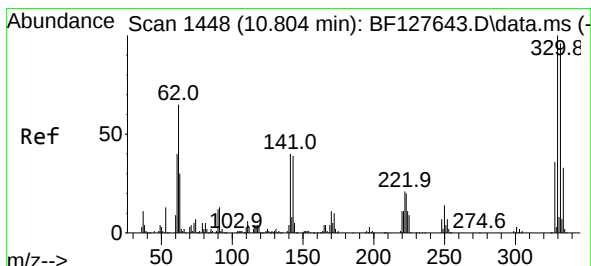
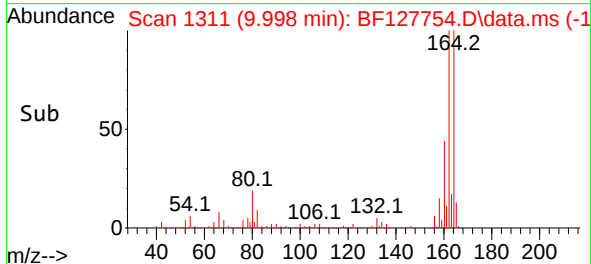
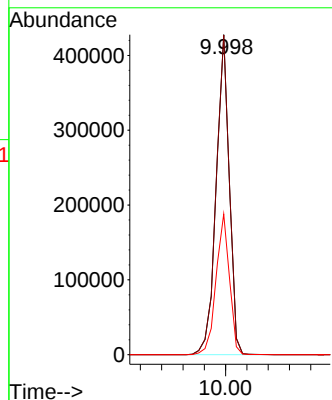
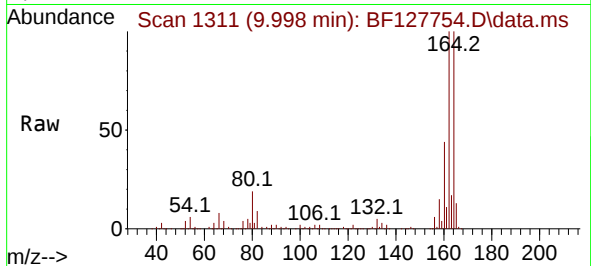




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

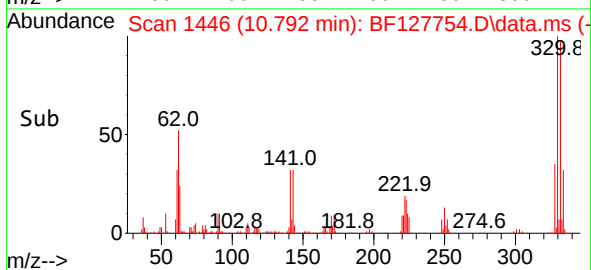
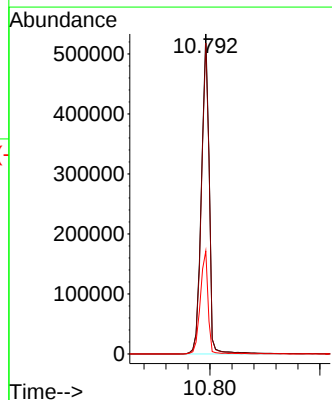
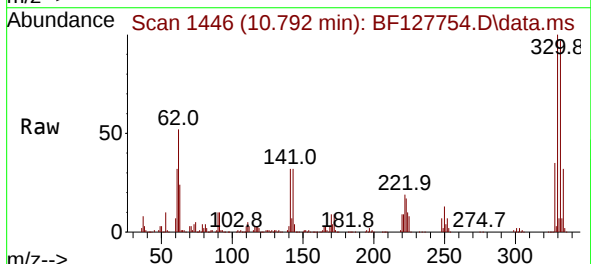
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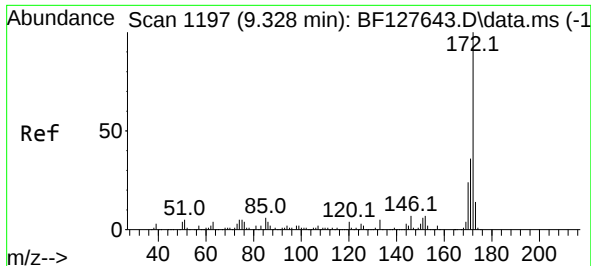
Tgt Ion:164 Resp: 365536
Ion Ratio Lower Upper
164 100
162 99.9 81.2 121.8
160 44.0 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 135.081 ng
RT: 10.792 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

Tgt Ion:330 Resp: 525445
Ion Ratio Lower Upper
330 100
332 97.5 79.1 118.7
141 32.3 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.791 ng

RT: 9.316 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127754.D

Acq: 12 Apr 2022 12:58

Instrument :

BNA_F

ClientSampleId :

PB144025BL

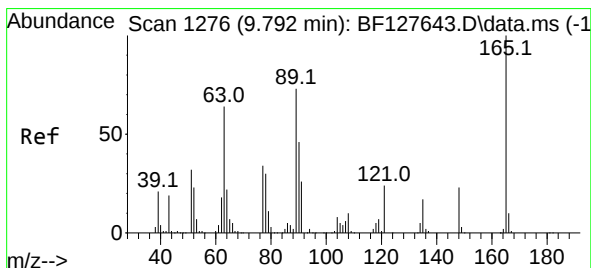
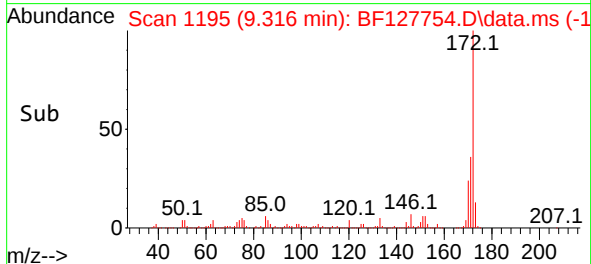
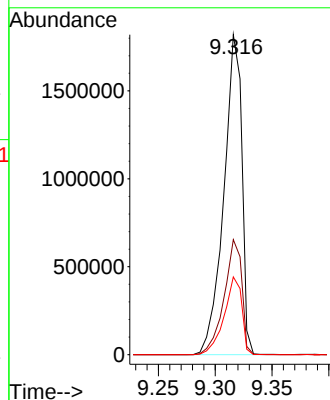
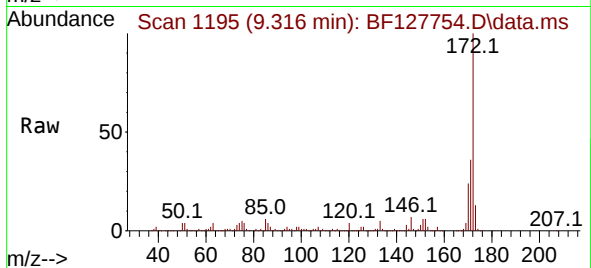
Tgt Ion:172 Resp: 2010035

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.3 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.302 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127754.D

Acq: 12 Apr 2022 12:58

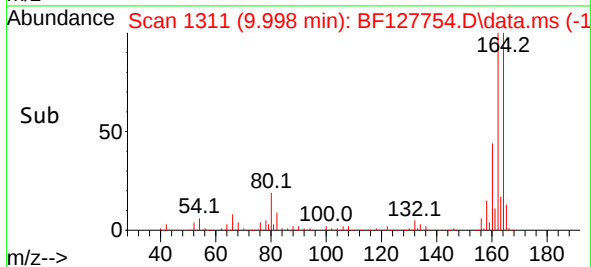
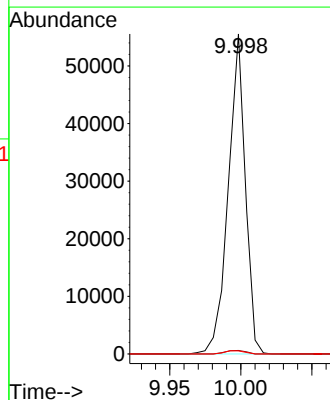
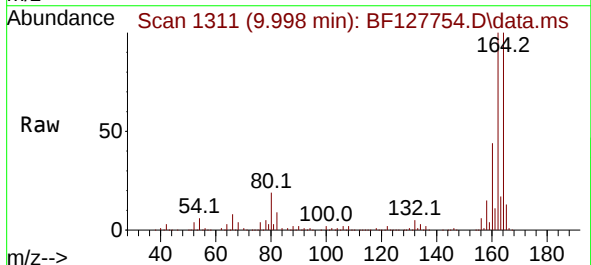
Tgt Ion:165 Resp: 46456

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.0 51.5 77.3#

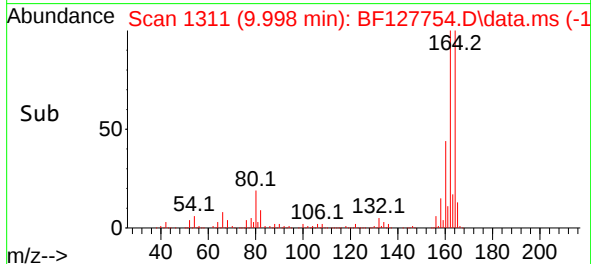
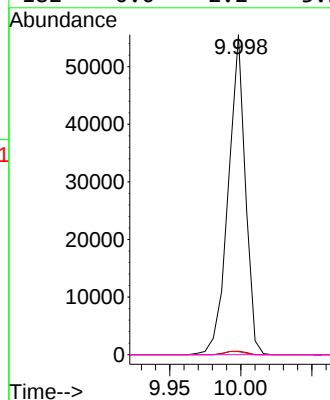
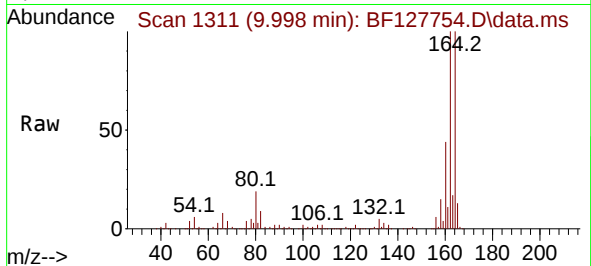




#57
2,4-Dinitrotoluene
Concen: 7.503 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

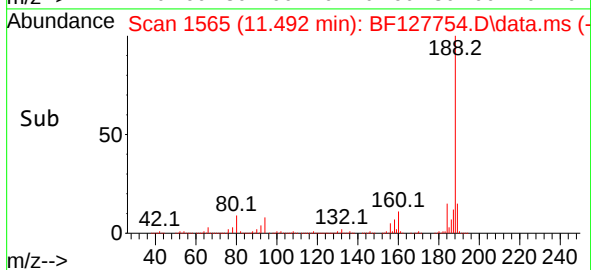
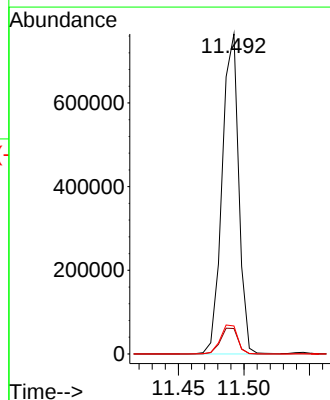
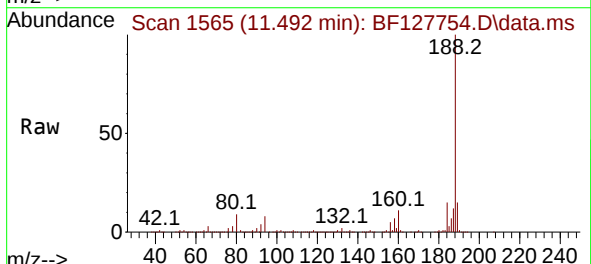
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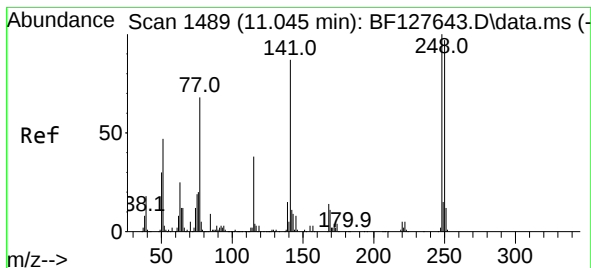
Tgt Ion:165 Resp: 46456
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

Tgt Ion:188 Resp: 671443
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.0
80 8.8 8.0 12.0

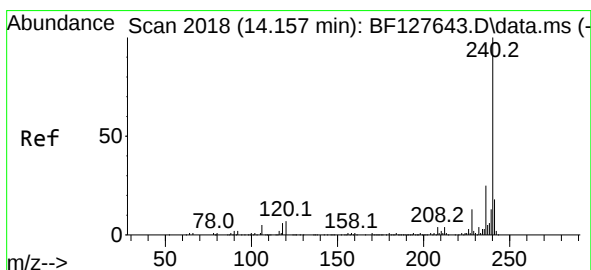
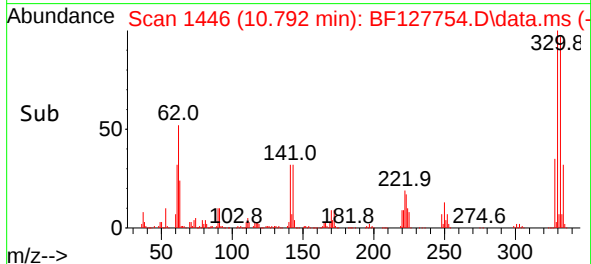
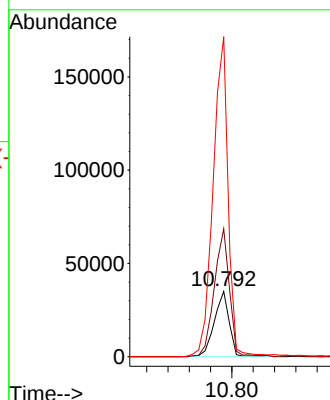
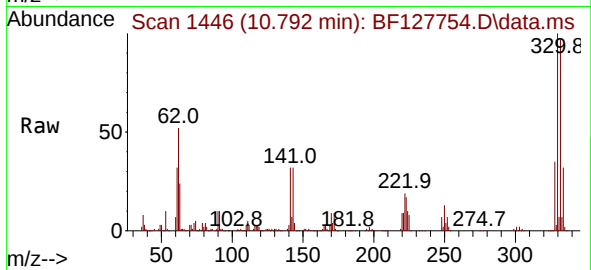




#67
4-Bromophenyl-phenylether
Concen: 4.176 ng
RT: 10.792 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

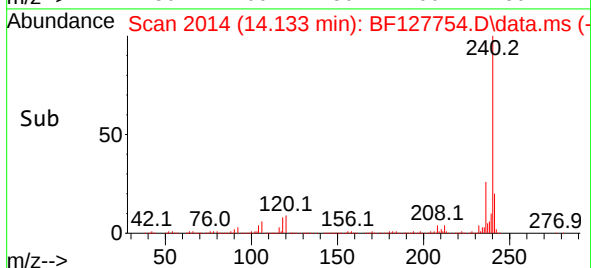
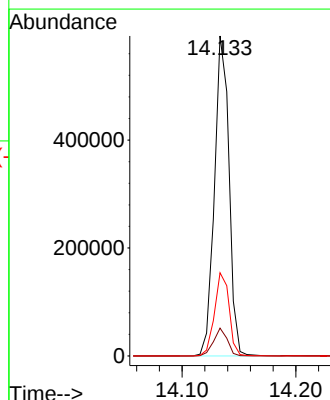
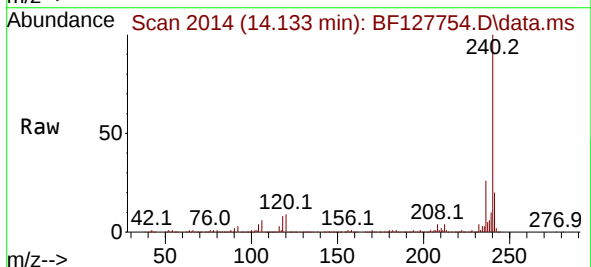
Instrument :
BNA_F
ClientSampleId :
PB144025BL

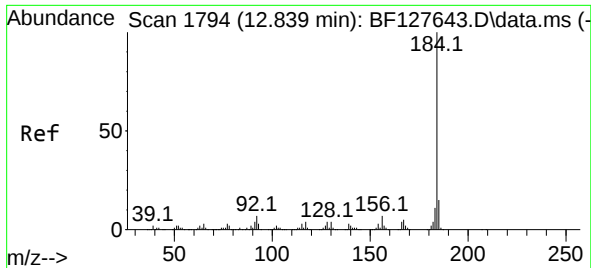
Tgt Ion:248 Resp: 34028
Ion Ratio Lower Upper
248 100
250 195.6 76.6 115.0#
141 489.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

Tgt Ion:240 Resp: 529102
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.0 20.7 31.1

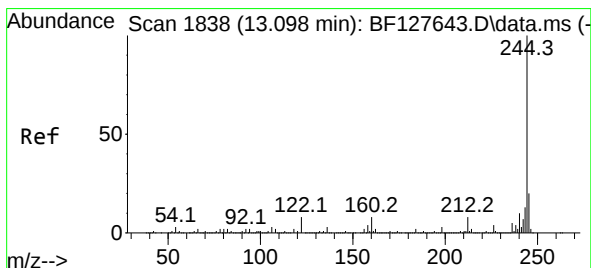
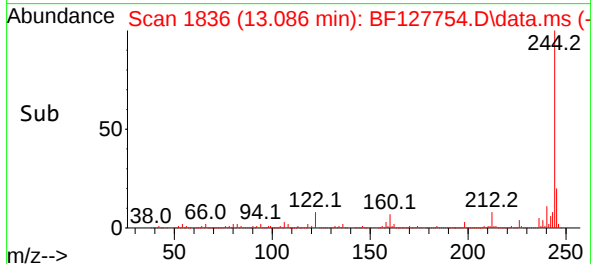
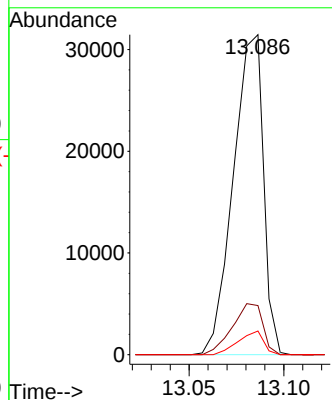
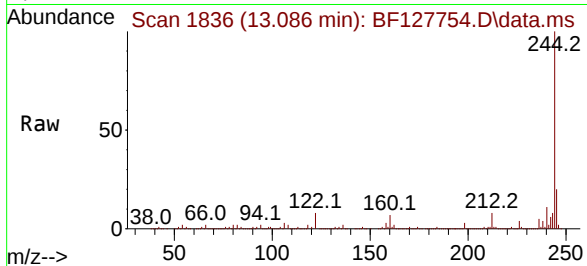




#77
Benzidine
Concen: 2.520 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.259 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

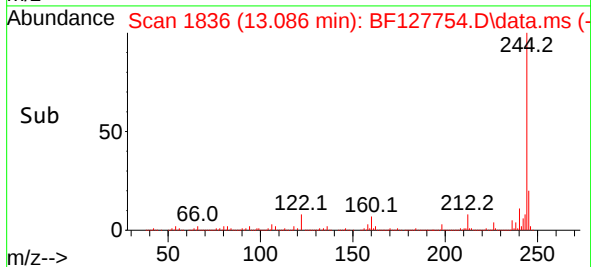
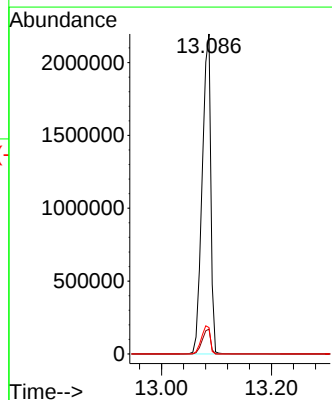
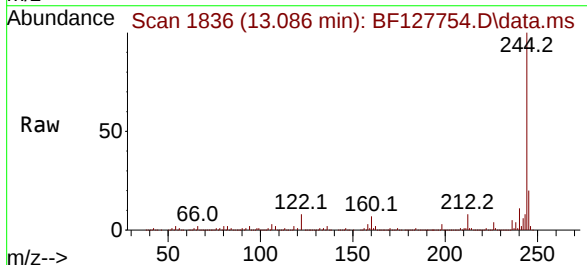
Instrument :
BNA_F
ClientSampleId :
PB144025BL

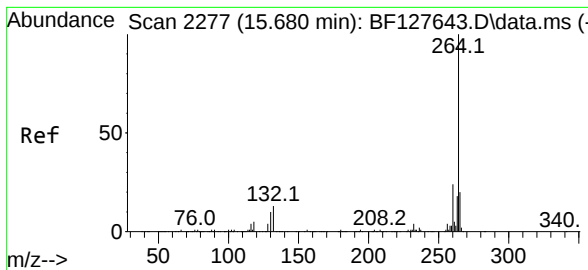
Tgt Ion:184 Resp: 34803
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 74.273 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.006 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

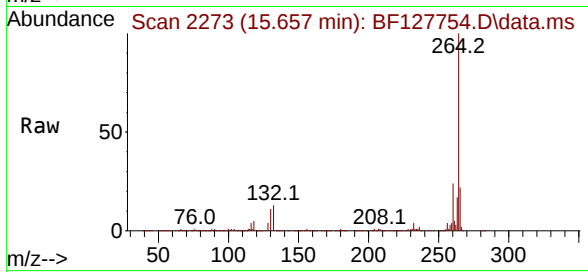
Tgt Ion:244 Resp: 2380832
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.2 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127754.D
Acq: 12 Apr 2022 12:58

Instrument :
BNA_F
ClientSampleId :
PB144025BL



Tgt Ion:264 Resp: 406708

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.7	17.4	26.2

