

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127707.D
 Acq On : 08 Apr 2022 11:02
 Operator : CG\JU
 Sample : PB143939BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143939BL

Quant Time: Apr 11 02:20:54 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 06 13:55:27 2022
 Response via : Initial Calibration

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

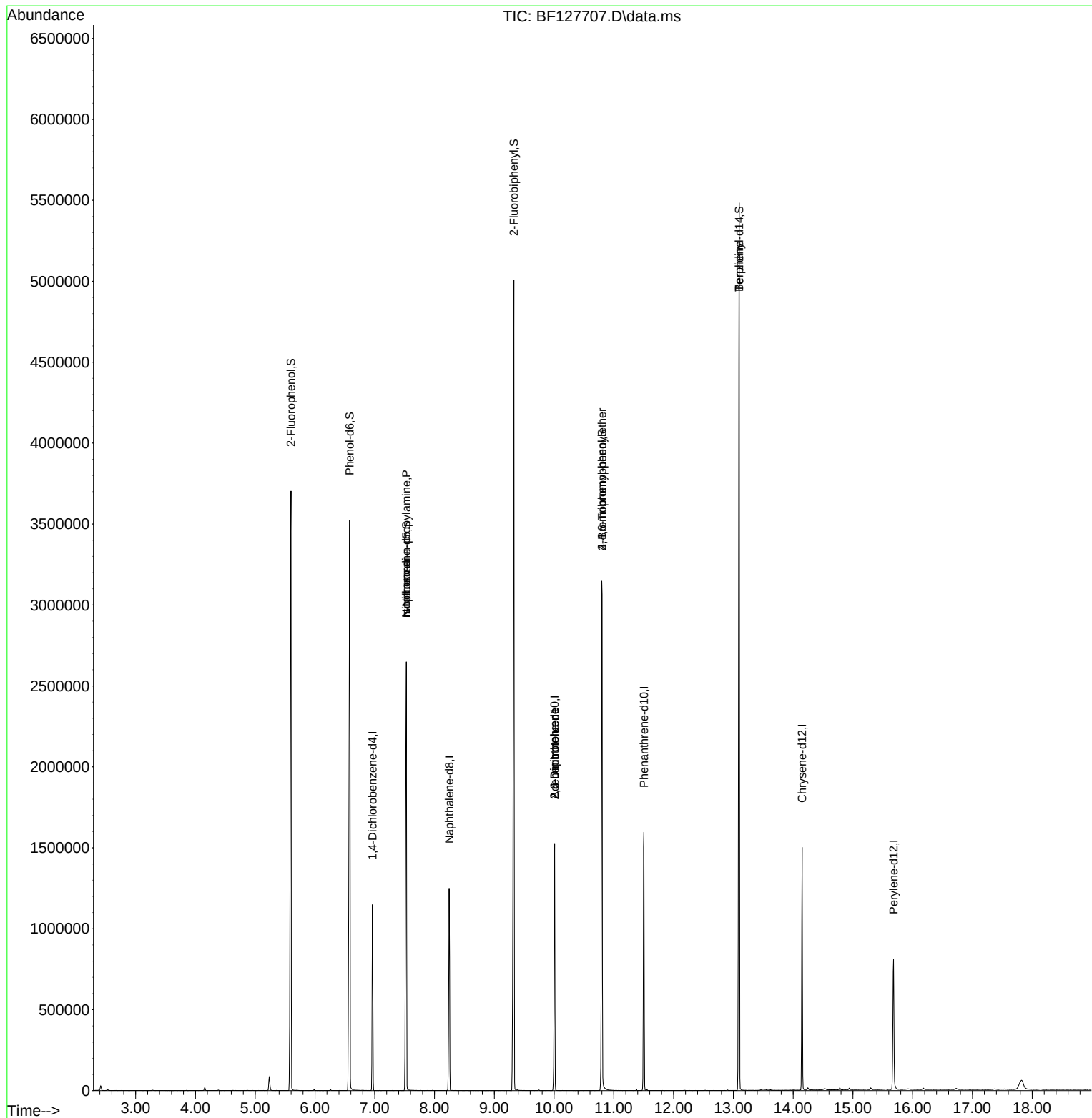
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	154848	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	574283	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	327419	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	607309	20.000	ng	0.00
76) Chrysene-d12	14.151	240	501603	20.000	ng	0.00
86) Perylene-d12	15.680	264	405620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1087124	114.078	ng	0.02
7) Phenol-d6	6.581	99	1412015	113.262	ng	0.00
23) Nitrobenzene-d5	7.528	82	994830	77.228	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	437860	125.669	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1768281	76.401	ng	0.00
79) Terphenyl-d14	13.098	244	2123511	69.877	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	2702	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	134495	16.680	ng	# 74
25) Isophorone	7.528	82	993751	44.211	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	42794	9.566	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	42794	7.716	ng	# 13
67) 4-Bromophenyl-phenylether	10.804	248	28247	3.832	ng	# 1
77) Benizidine	13.098	184	30812	2.353	ng	# 94

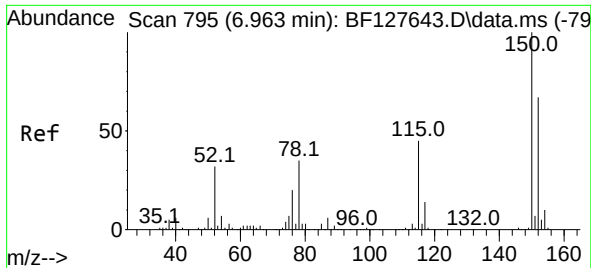
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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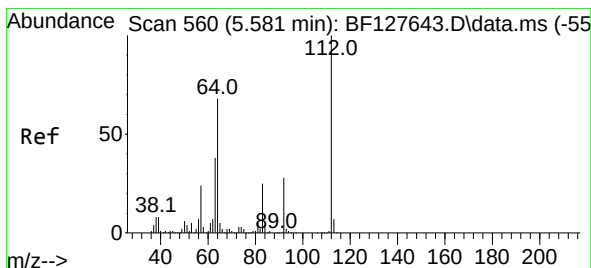
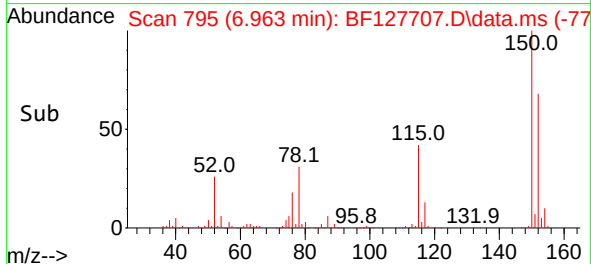
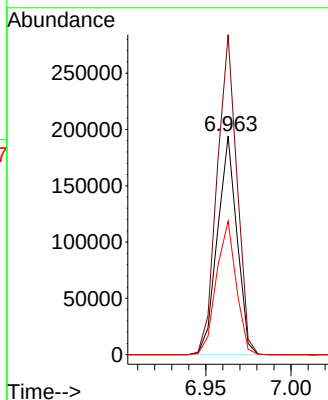
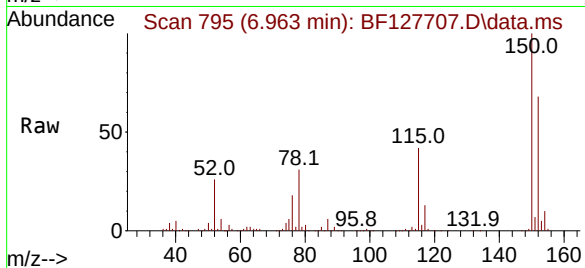




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

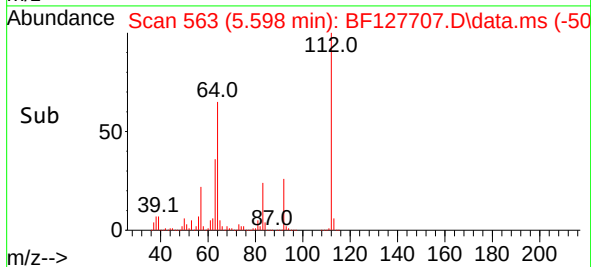
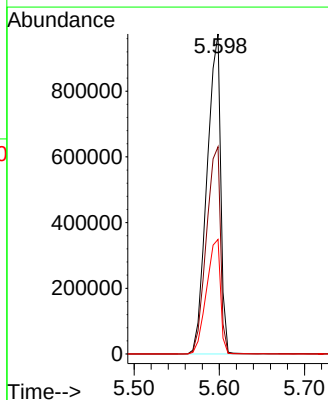
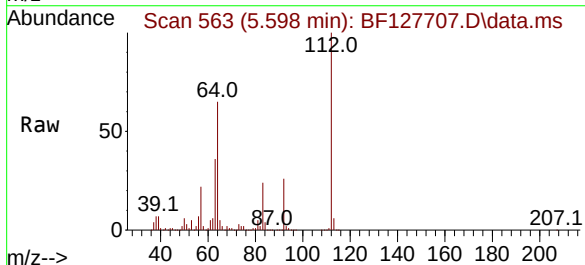
Instrument :
BNA_F
ClientSampleId :
PB143939BL

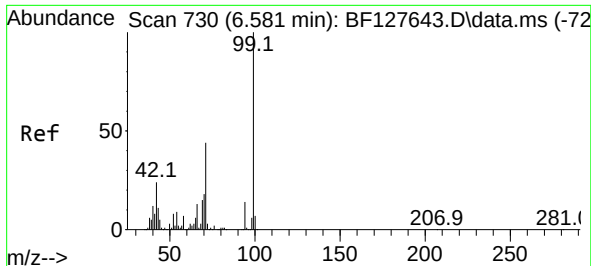
Tgt Ion:152 Resp: 154848
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 61.1 49.8 74.6



#5
2-Fluorophenol
Concen: 114.078 ng
RT: 5.598 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

Tgt Ion:112 Resp: 1087124
Ion Ratio Lower Upper
112 100
64 64.7 58.4 87.6
63 35.8 30.1 45.1

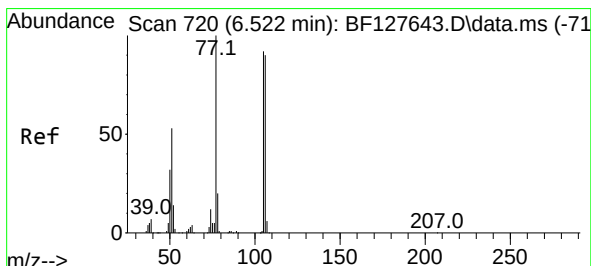
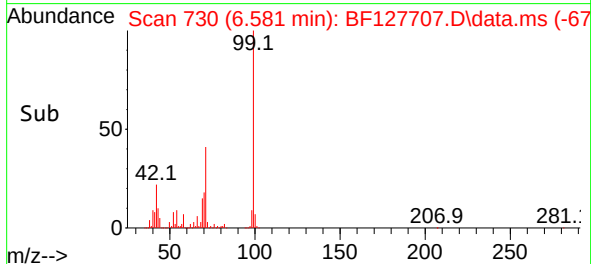
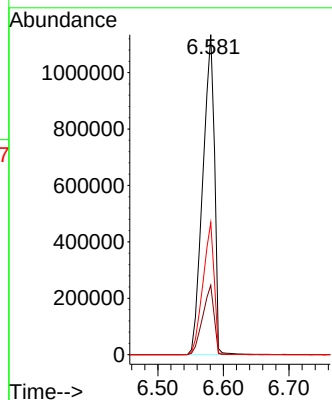
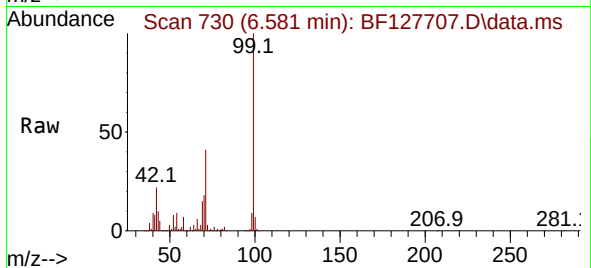




#7
Phenol-d6
Concen: 113.262 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

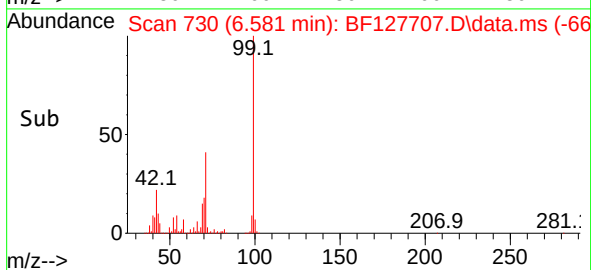
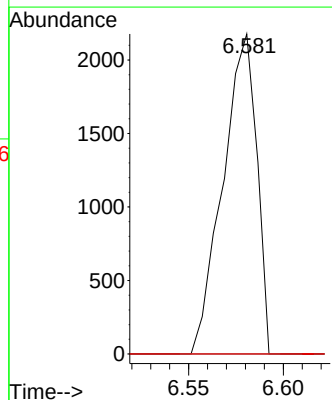
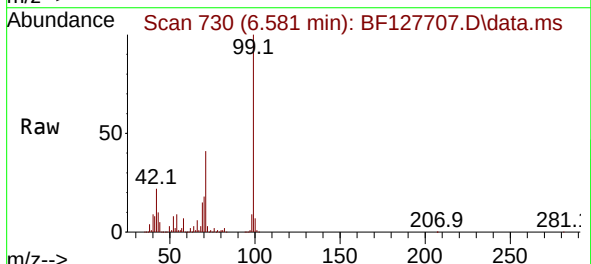
Instrument :
BNA_F
ClientSampleId :
PB143939BL

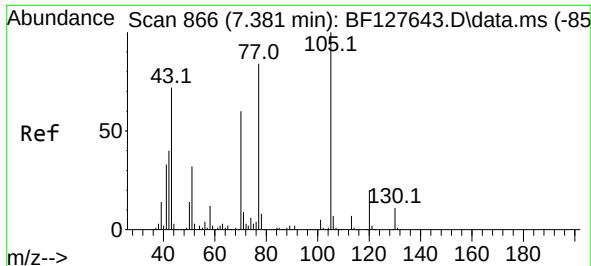
Tgt Ion: 99 Resp: 1412015
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 41.3 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 730
Delta R.T. 0.059 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

Tgt Ion: 77 Resp: 2702
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

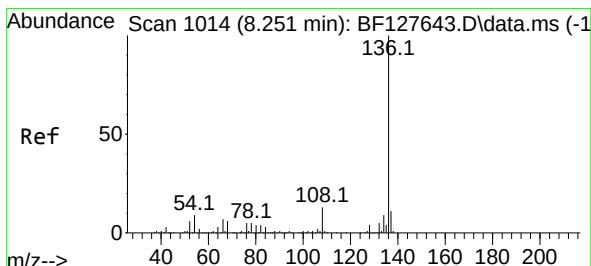
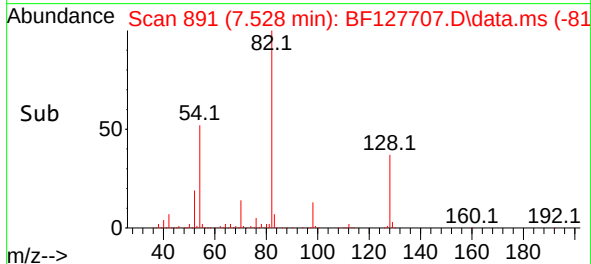
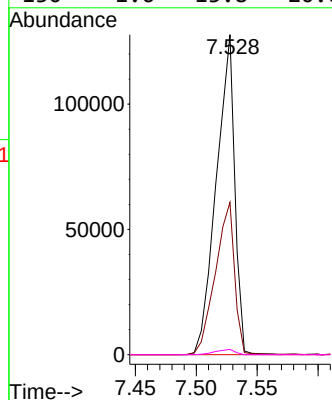
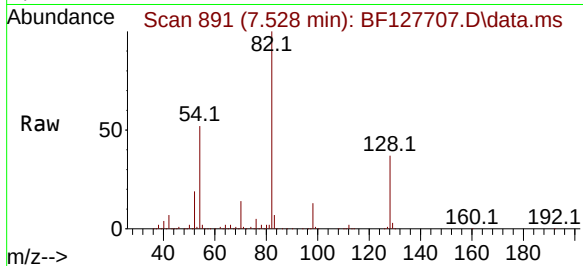




#19
n-Nitroso-di-n-propylamine
Concen: 16.680 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

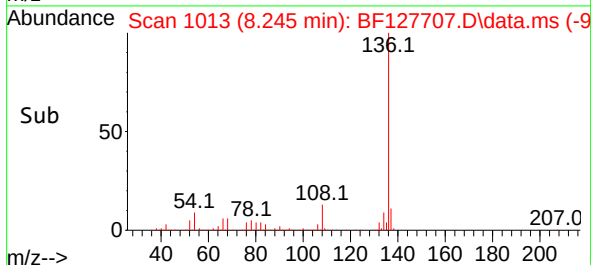
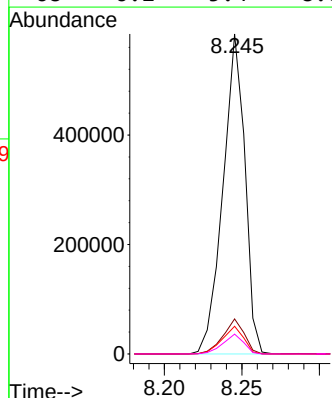
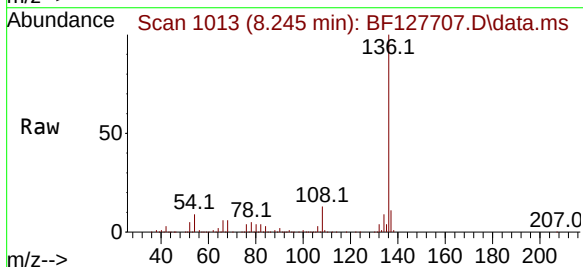
Instrument :
BNA_F
ClientSampleId :
PB143939BL

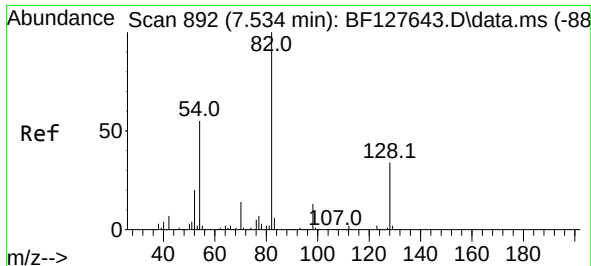
Tgt Ion: 70 Resp: 134495
Ion Ratio Lower Upper
70 100
42 47.6 53.0 79.6#
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

Tgt Ion: 136 Resp: 574283
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 9.2 13.8#
68 6.2 5.4 8.0

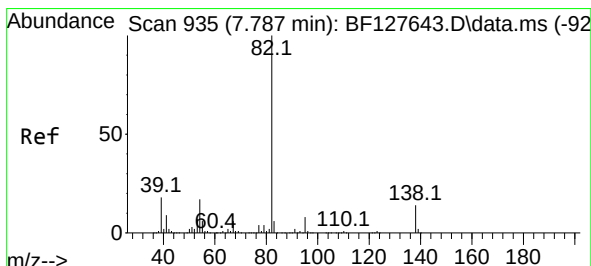
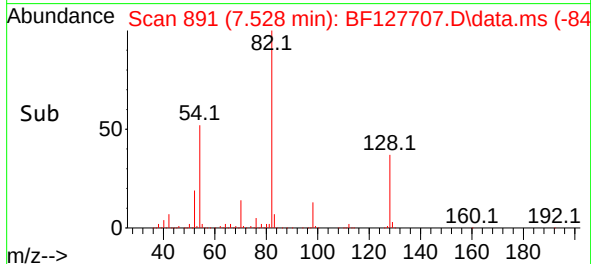
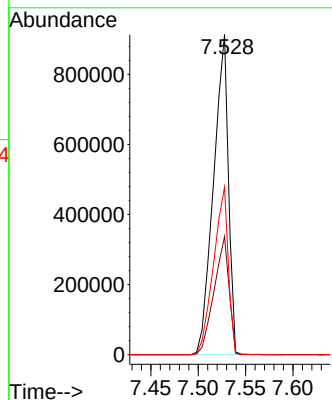
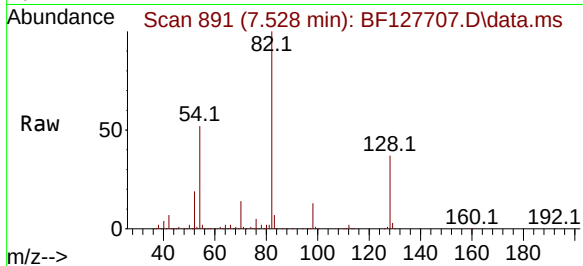




#23
Nitrobenzene-d5
Concen: 77.228 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

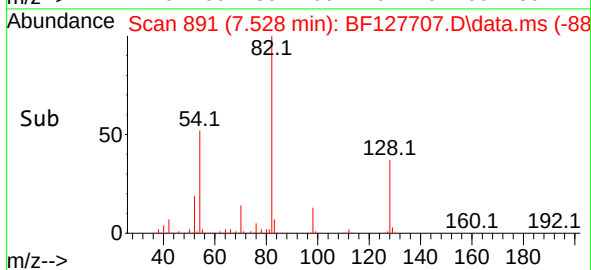
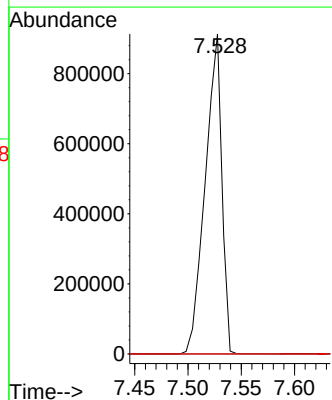
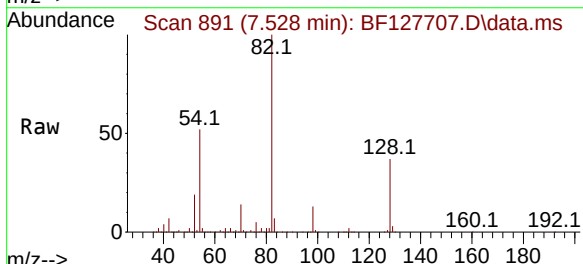
Instrument :
BNA_F
ClientSampleId :
PB143939BL

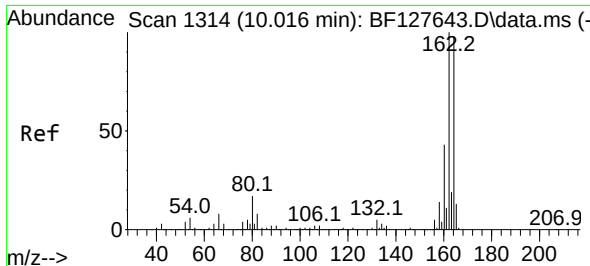
Tgt Ion: 82 Resp: 994830
Ion Ratio Lower Upper
82 100
128 36.9 30.6 45.8
54 52.4 48.2 72.2



#25
Isophorone
Concen: 44.211 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

Tgt Ion: 82 Resp: 993751
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

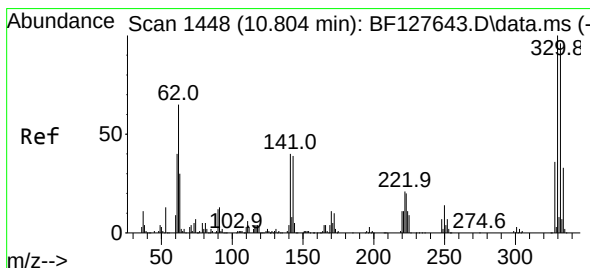
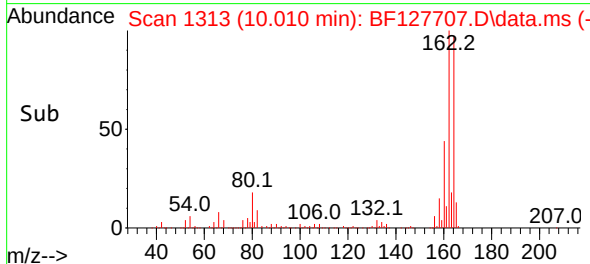
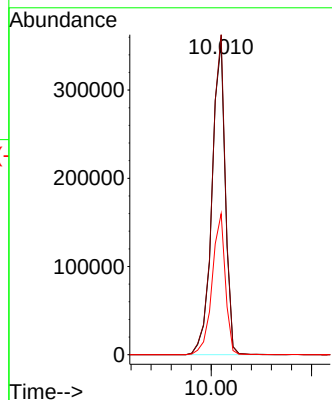
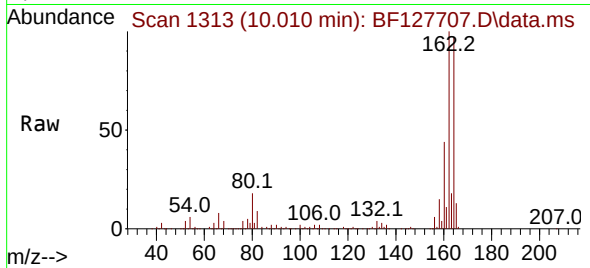




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

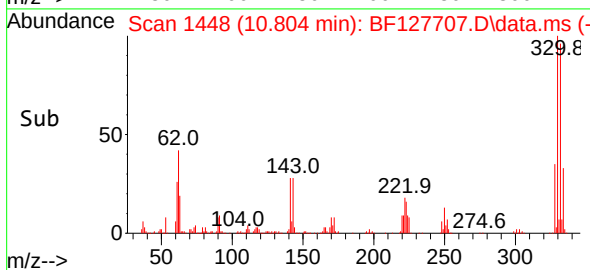
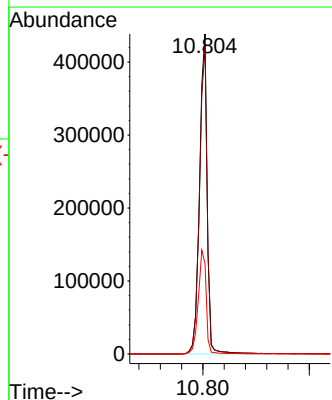
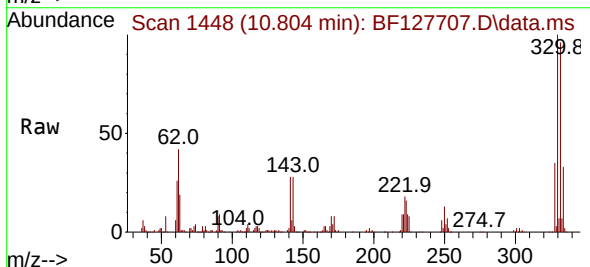
Instrument :
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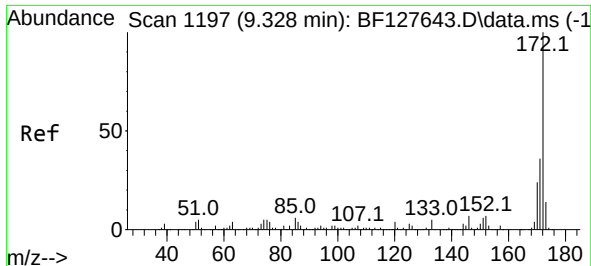
Tgt Ion:164 Resp: 327419
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 45.2 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 125.669 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

Tgt Ion:330 Resp: 437860
Ion Ratio Lower Upper
330 100
332 97.2 79.1 118.7
141 33.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 76.401 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127707.D

Acq: 08 Apr 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB143939BL

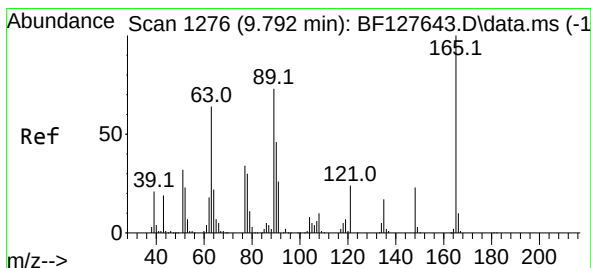
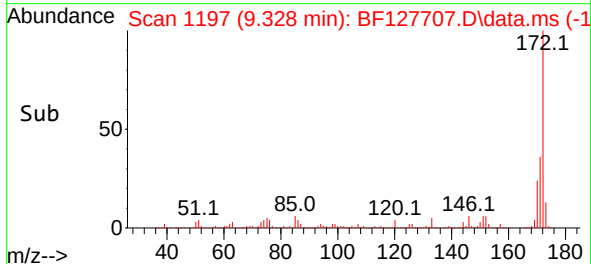
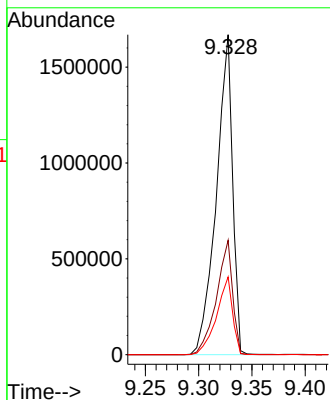
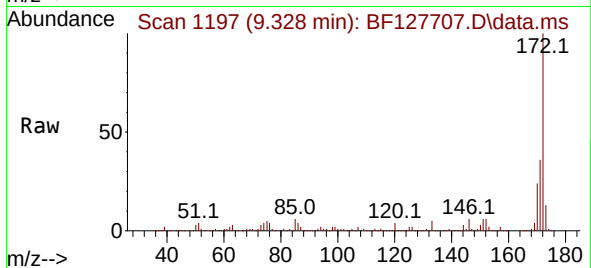
Tgt Ion:172 Resp: 1768281

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.3 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.566 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127707.D

Acq: 08 Apr 2022 11:02

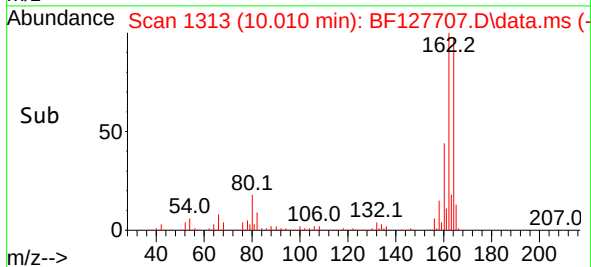
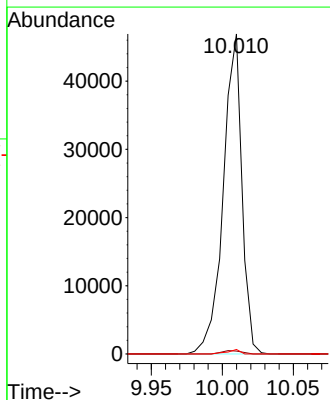
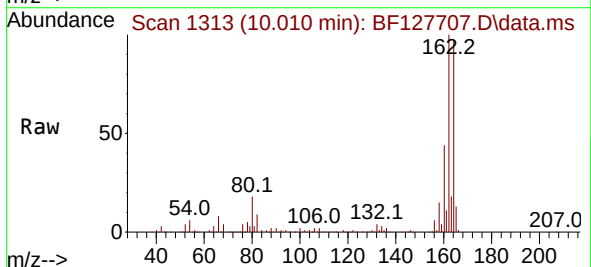
Tgt Ion:165 Resp: 42794

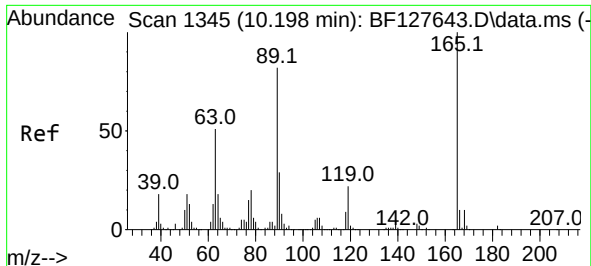
Ion Ratio Lower Upper

165 100

63 0.9 58.3 87.5#

89 1.4 51.5 77.3#

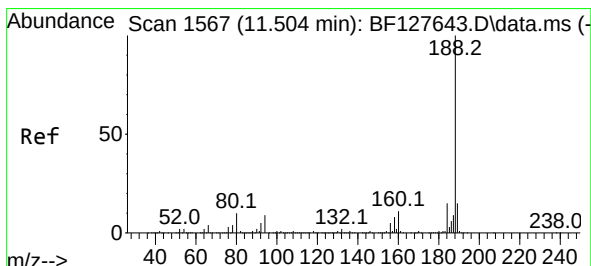
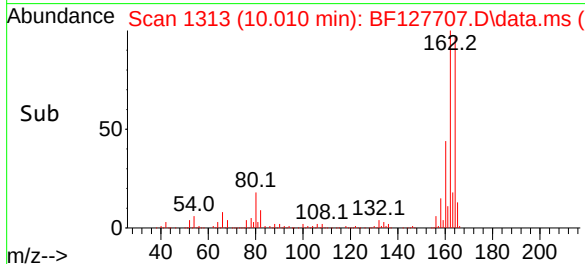
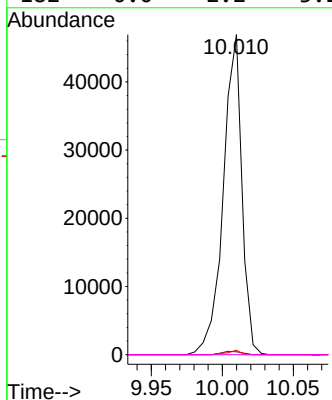
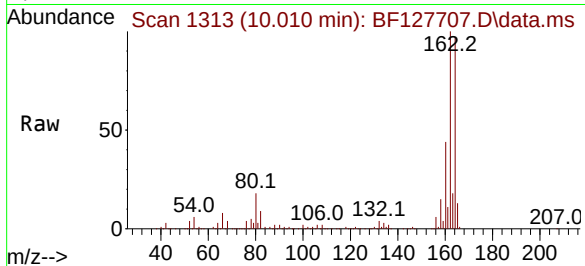




#57
2,4-Dinitrotoluene
Concen: 7.716 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

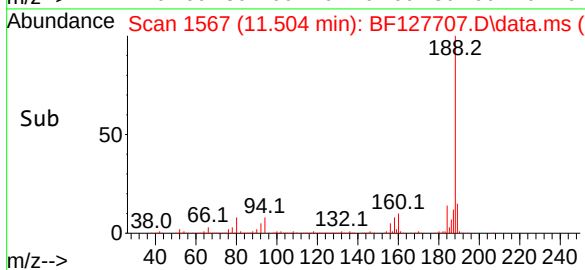
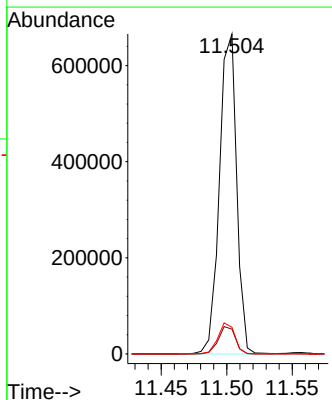
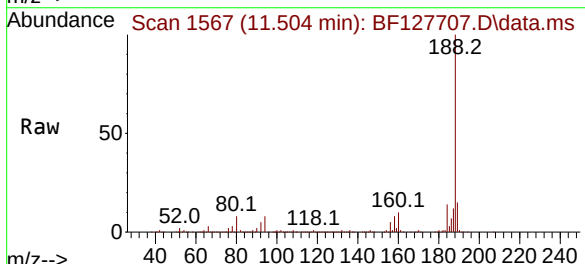
Instrument :
BNA_F
ClientSampleId :
PB143939BL

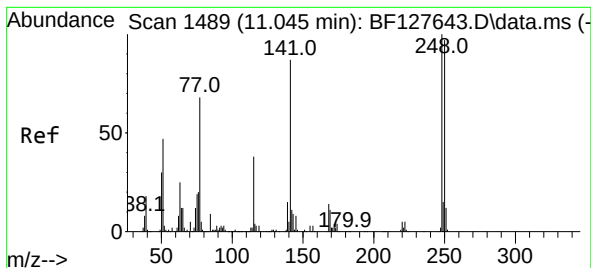
Tgt Ion:165 Resp: 42794
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

Tgt Ion:188 Resp: 607309
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.0
80 8.4 8.0 12.0

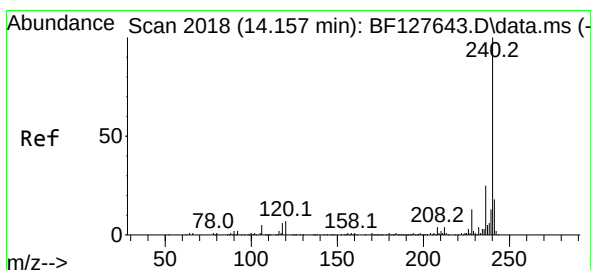
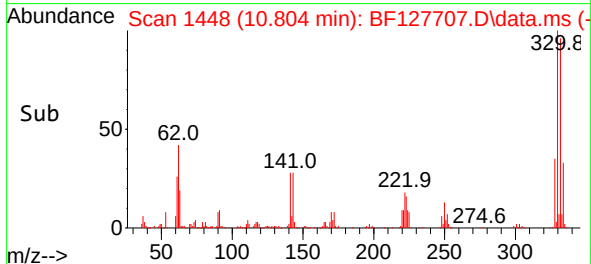
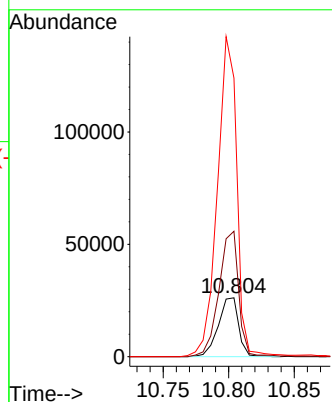
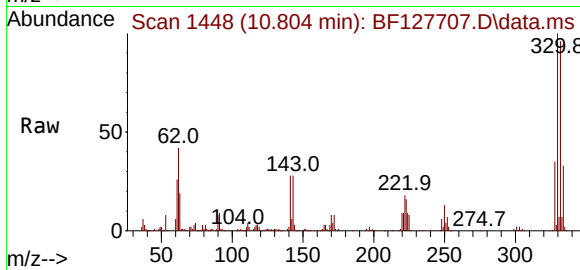




#67
4-Bromophenyl-phenylether
Concen: 3.832 ng
RT: 10.804 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

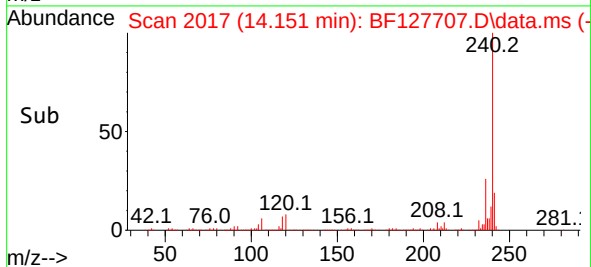
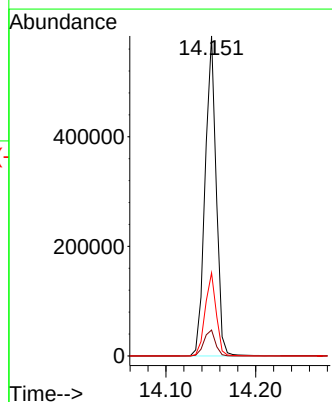
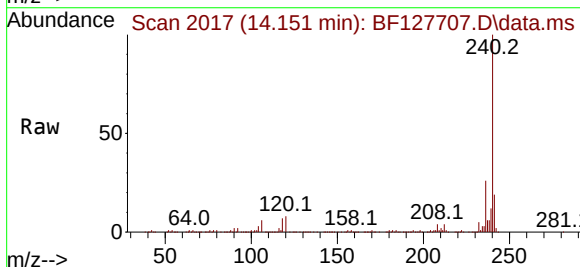
Instrument :
BNA_F
ClientSampleId :
PB143939BL

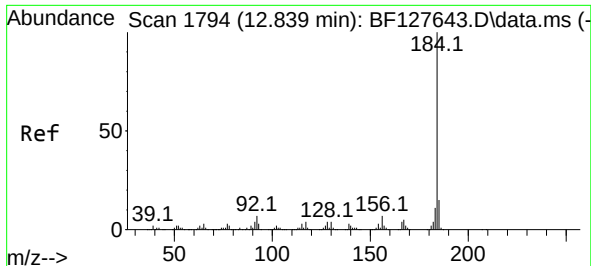
Tgt Ion:248 Resp: 28247
Ion Ratio Lower Upper
248 100
250 213.0 76.6 115.0#
141 473.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

Tgt Ion:240 Resp: 501603
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 26.0 20.7 31.1

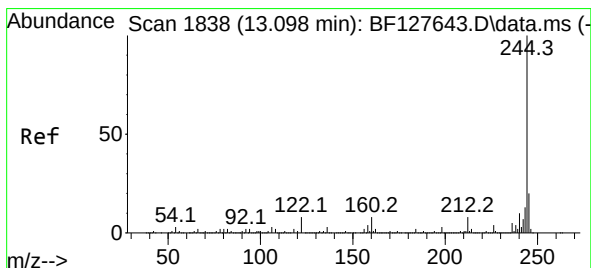
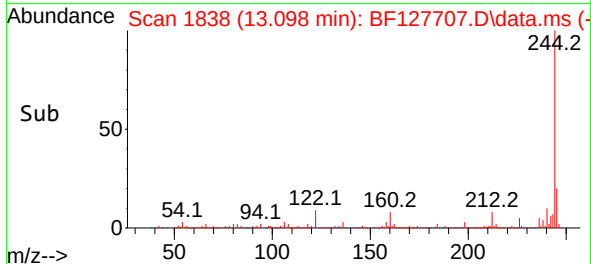
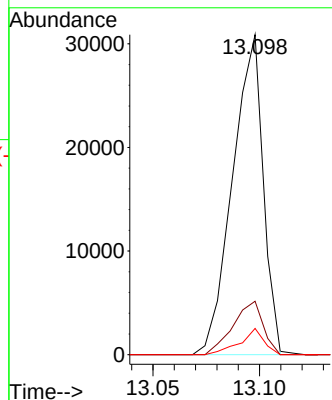
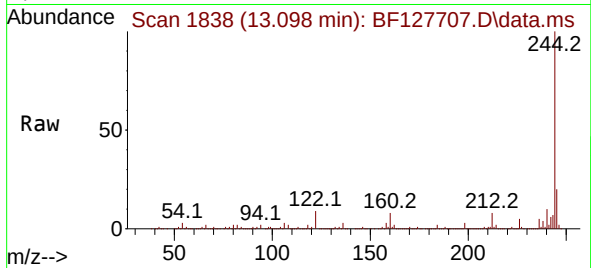




#77
Benzidine
Concen: 2.353 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

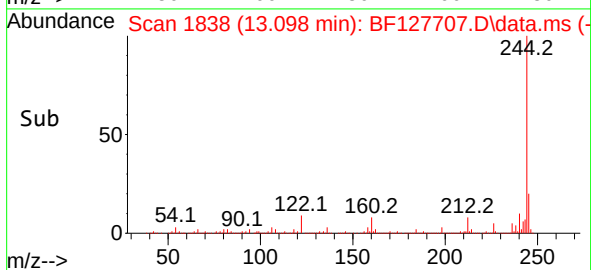
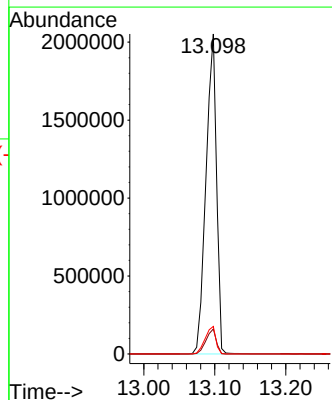
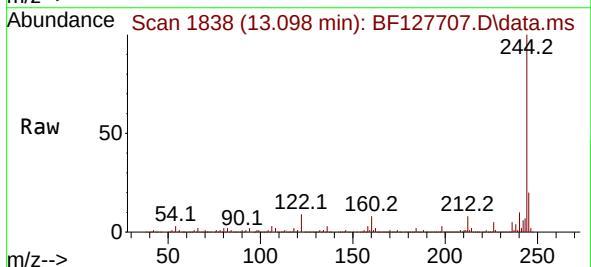
Instrument :
BNA_F
ClientSampleId :
PB143939BL

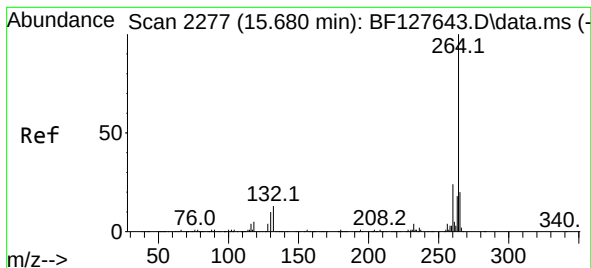
Tgt Ion:184 Resp: 30812
Ion Ratio Lower Upper
184 100
185 16.7 12.2 18.2
183 8.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 69.877 ng
RT: 13.098 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF127707.D
Acq: 08 Apr 2022 11:02

Tgt Ion:244 Resp: 2123511
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.6 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127707.D

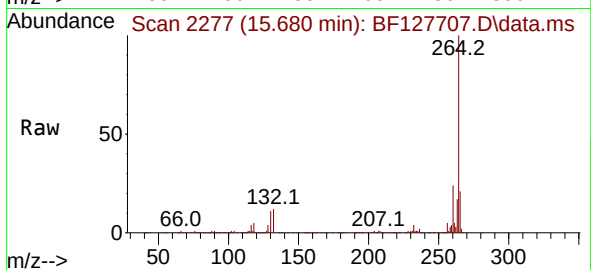
Acq: 08 Apr 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB143939BL



Tgt Ion:264 Resp: 405620

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 20.9 17.4 26.2

