

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129783.D
 Acq On : 15 Aug 2022 16:29
 Operator : CG\JU
 Sample : PB147018BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147018BL

Quant Time: Aug 16 03:14:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

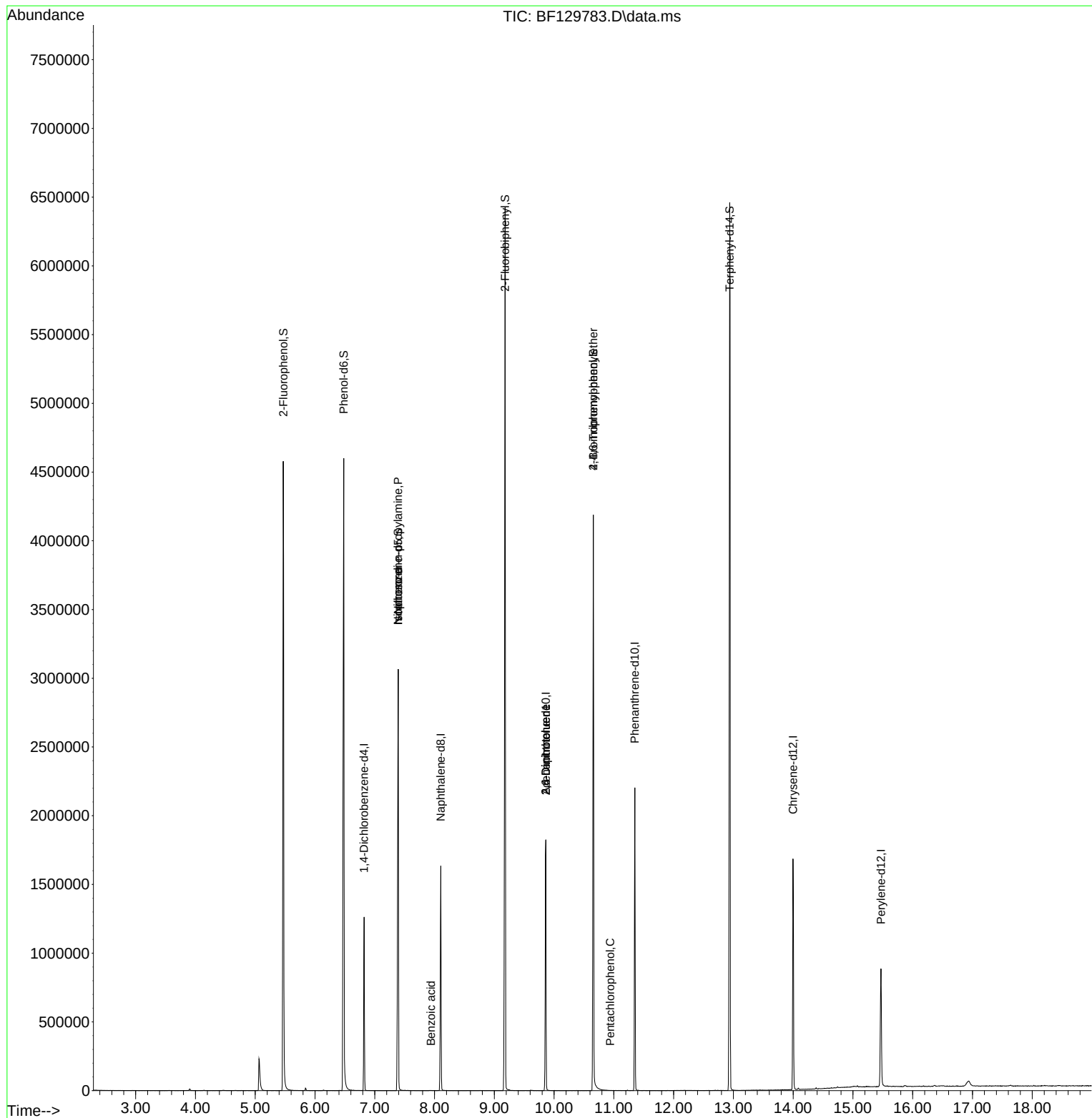
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	174607	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	736612	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	405245	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	720354	20.000	ng	0.00
76) Chrysene-d12	13.998	240	541108	20.000	ng	0.00
86) Perylene-d12	15.468	264	402827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1368594	129.776	ng	0.00
7) Phenol-d6	6.481	99	1700205	128.742	ng	0.00
23) Nitrobenzene-d5	7.392	82	1099684	79.917	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	526724	129.504	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2061223	77.252	ng	0.00
79) Terphenyl-d14	12.939	244	2507744	77.114	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	673	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.392	70	147211	17.635	ng	# 75
25) Isophorone	7.392	82	1099673	46.432	ng	# 65
32) Benzoic acid	7.939	122	261	2.227	ng	90
51) 2,6-Dinitrotoluene	9.863	165	52874	8.390	ng	# 23
57) 2,4-Dinitrotoluene	9.863	165	52874	6.463	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	32800	3.888	ng	# 1
70) Pentachlorophenol	10.939	266	55	5.200	ng	# 20
77) Benzidine	12.698	184	2781	Below Cal	#	75

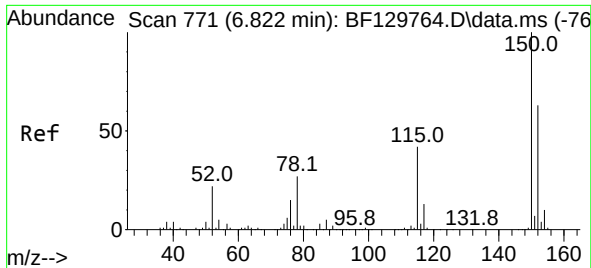
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
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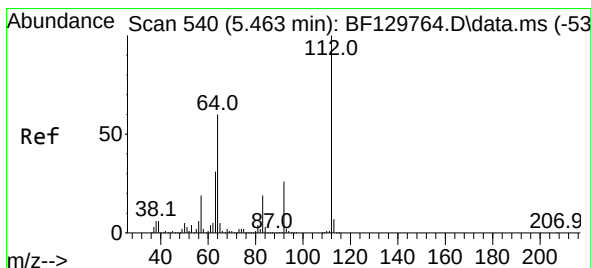
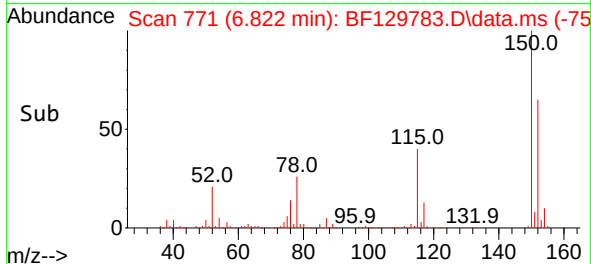
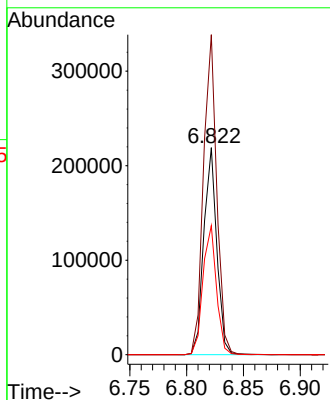
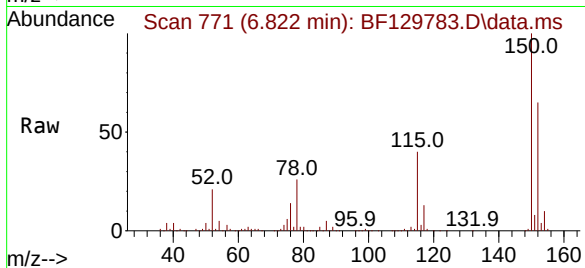




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

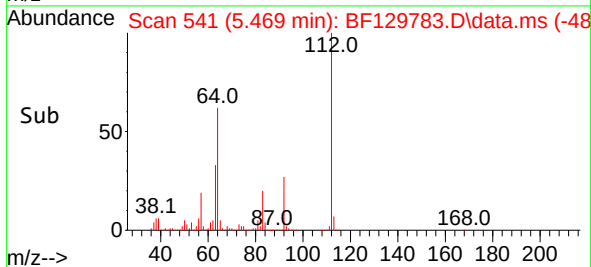
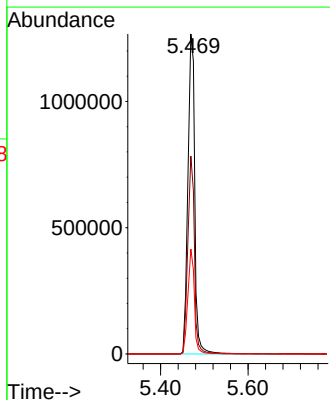
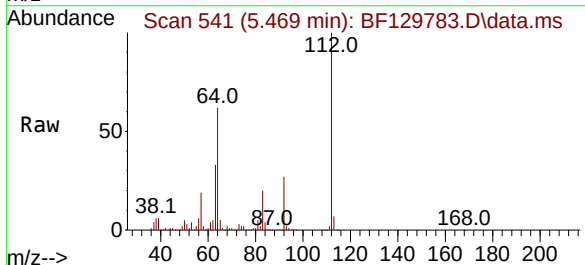
Instrument :
BNA_F
ClientSampleId :
PB147018BL

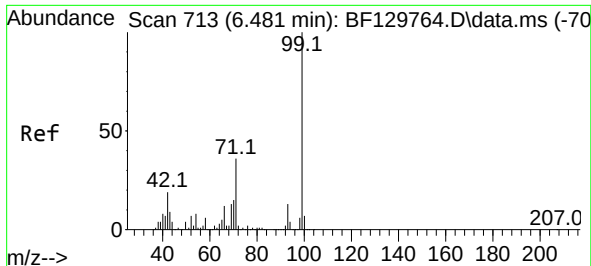
Tgt Ion:152 Resp: 174607
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 62.2 53.4 80.0



#5
2-Fluorophenol
Concen: 129.776 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

Tgt Ion:112 Resp: 1368594
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 32.8 24.6 37.0

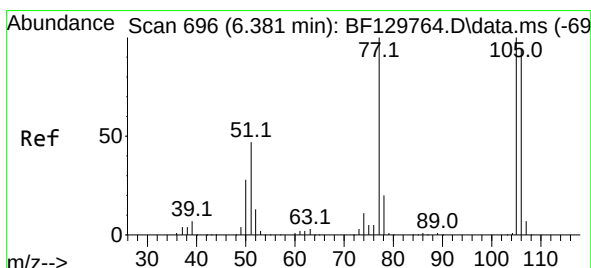
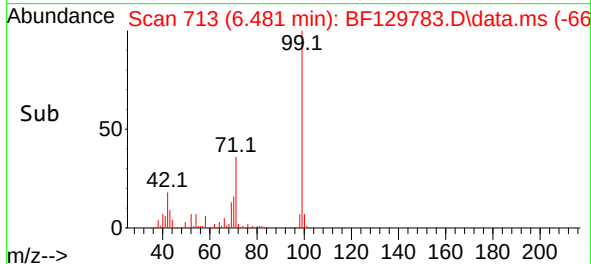
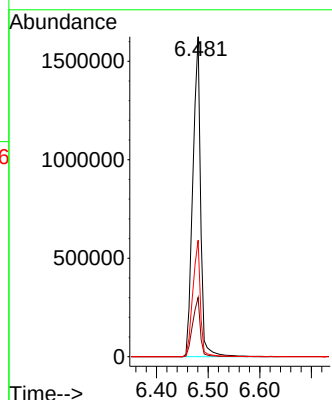
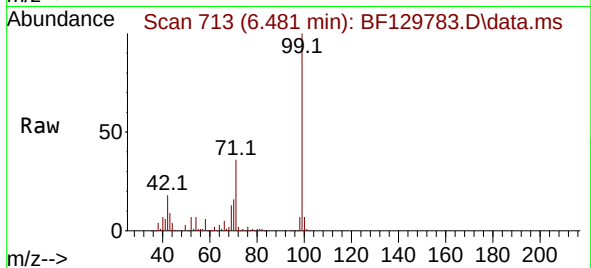




#7
Phenol-d6
Concen: 128.742 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

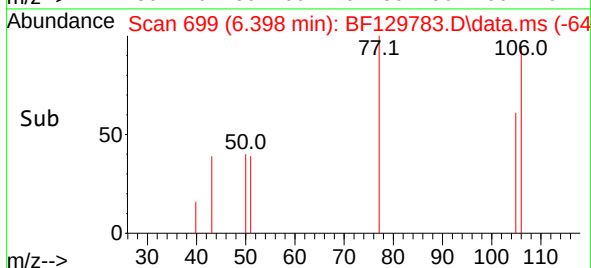
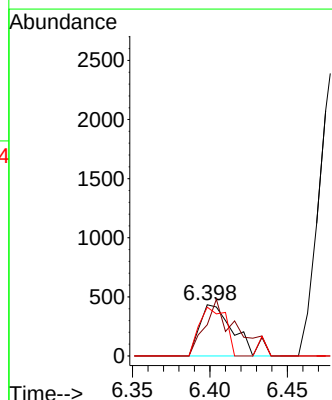
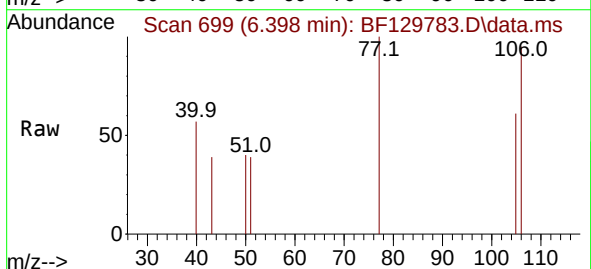
Instrument :
BNA_F
ClientSampleId :
PB147018BL

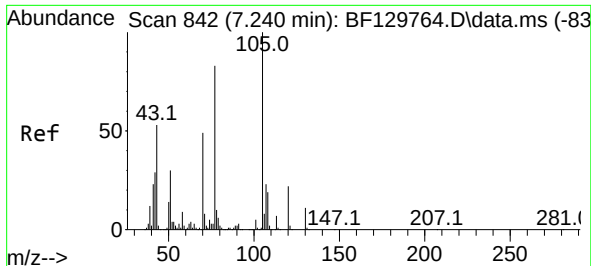
Tgt Ion: 99 Resp: 1700205
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 36.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 699
Delta R.T. 0.017 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

Tgt Ion: 77 Resp: 673
Ion Ratio Lower Upper
77 100
105 60.8 80.3 120.3#
106 95.2 74.3 114.3

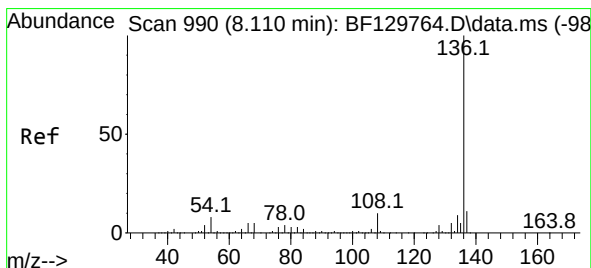
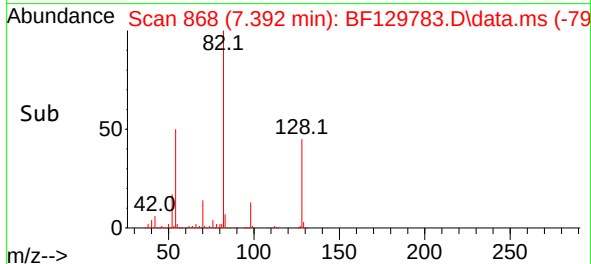
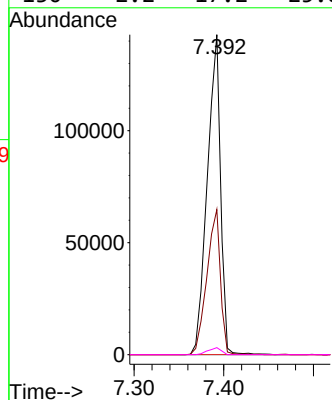
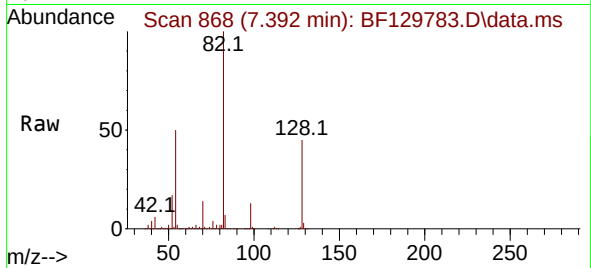




#19
n-Nitroso-di-n-propylamine
Concen: 17.635 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

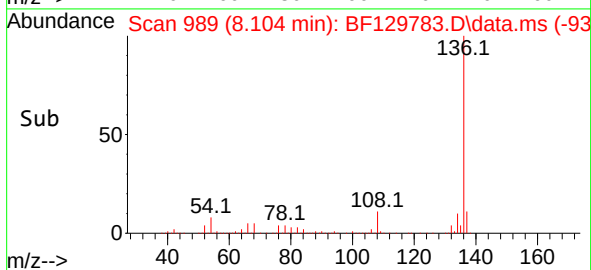
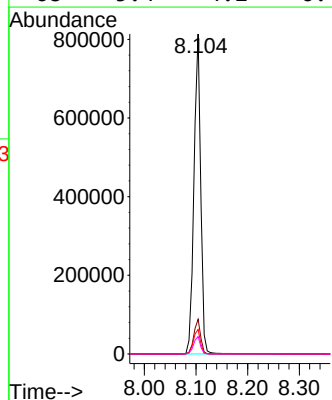
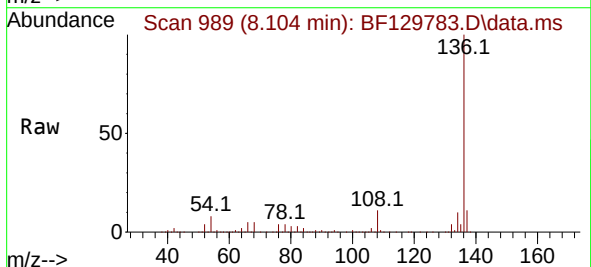
Instrument :
BNA_F
ClientSampleId :
PB147018BL

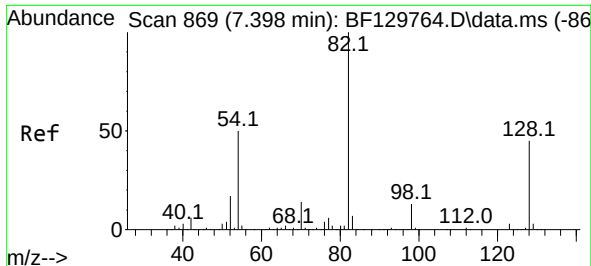
Tgt Ion: 70 Resp: 147211
Ion Ratio Lower Upper
70 100
42 45.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

Tgt Ion: 136 Resp: 736612
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.6 6.2 9.2
68 5.4 4.2 6.4

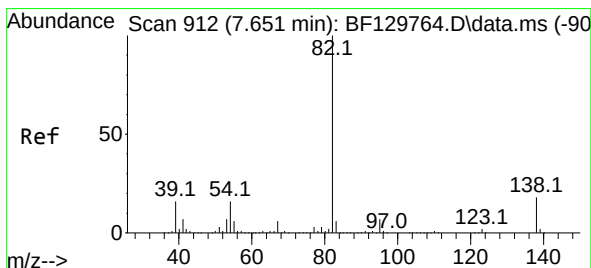
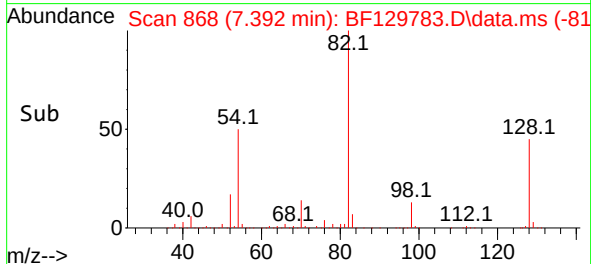
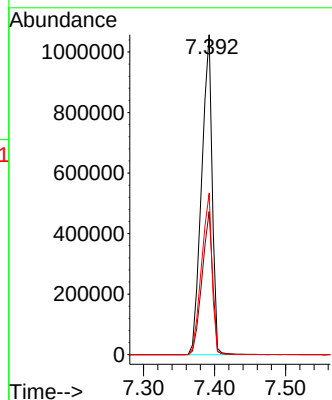
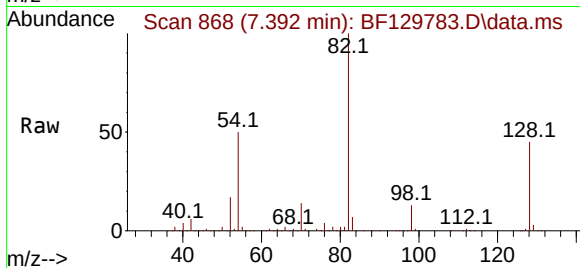




#23
Nitrobenzene-d5
Concen: 79.917 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

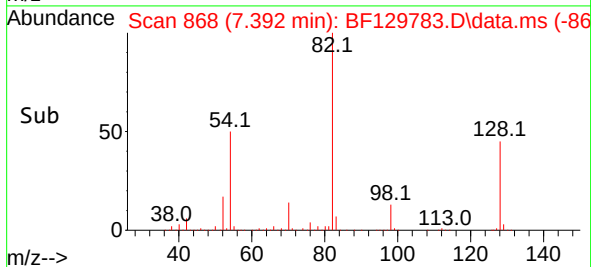
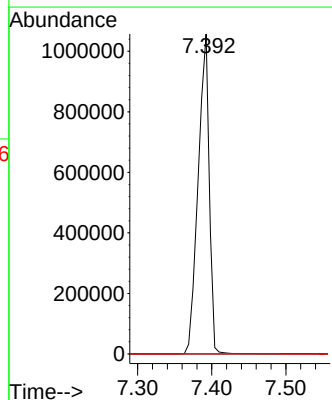
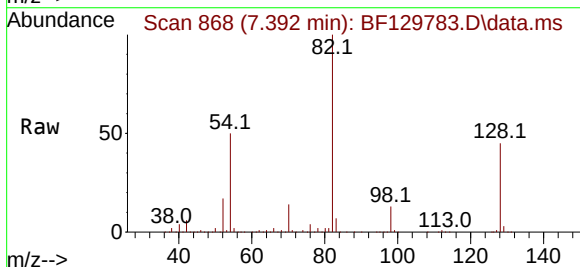
Instrument :
BNA_F
ClientSampleId :
PB147018BL

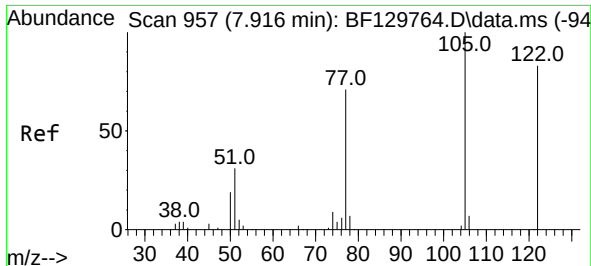
Tgt Ion: 82 Resp: 1099684
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 50.4 40.0 60.0



#25
Isophorone
Concen: 46.432 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

Tgt Ion: 82 Resp: 1099673
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

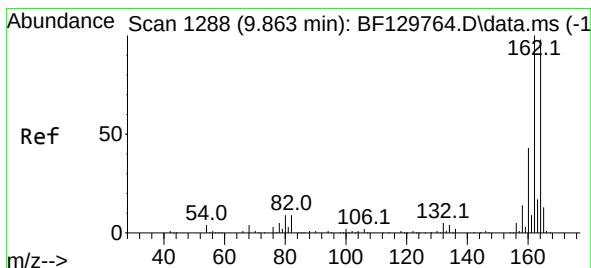
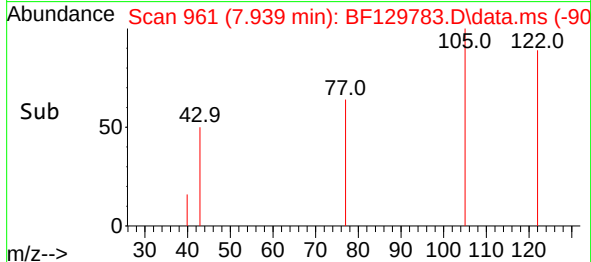
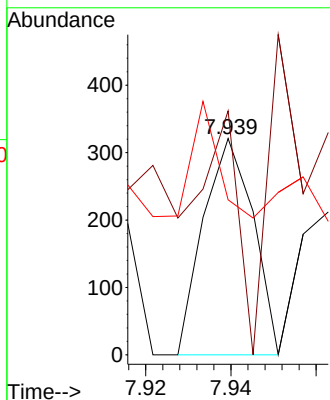
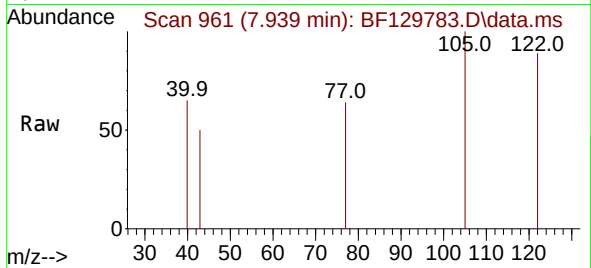




#32
Benzoic acid
Concen: 2.227 ng
RT: 7.939 min Scan# 90
Delta R.T. 0.023 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

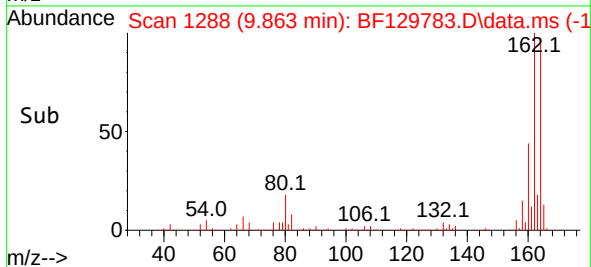
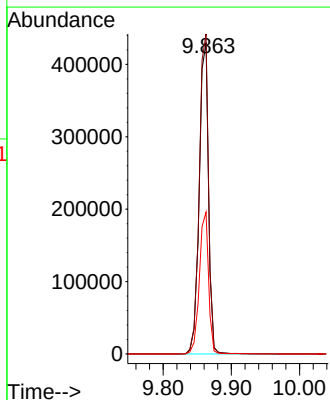
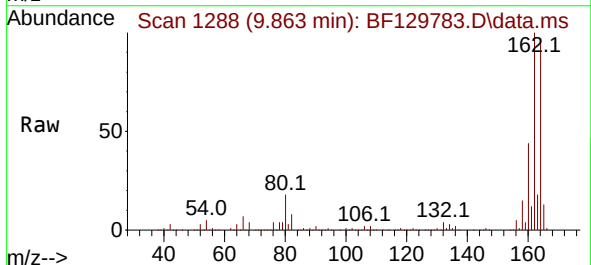
Instrument :
BNA_F
ClientSampleId :
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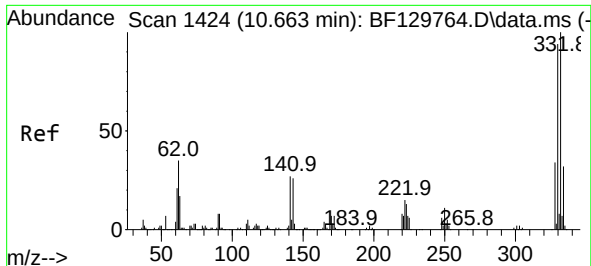
Tgt Ion:122 Resp: 261
Ion Ratio Lower Upper
122 100
105 112.8 99.9 139.9
77 71.7 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

Tgt Ion:164 Resp: 405245
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 45.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 129.504 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129783.D

Acq: 15 Aug 2022 16:29

Instrument :

BNA_F

ClientSampleId :

PB147018BL

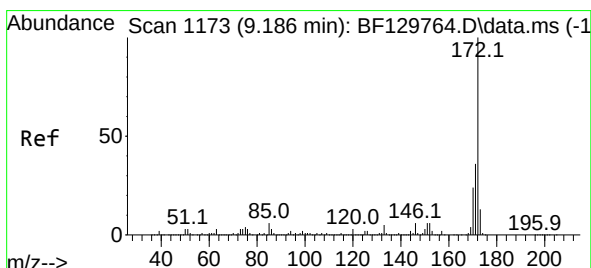
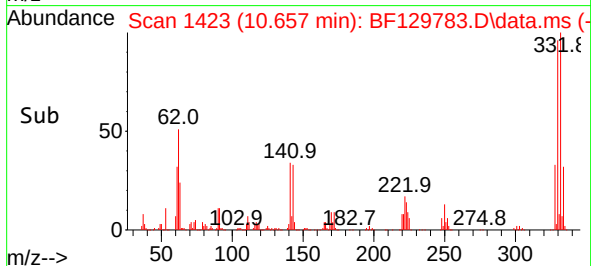
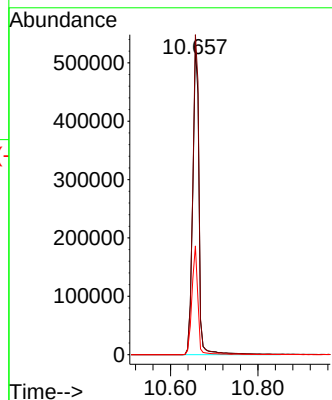
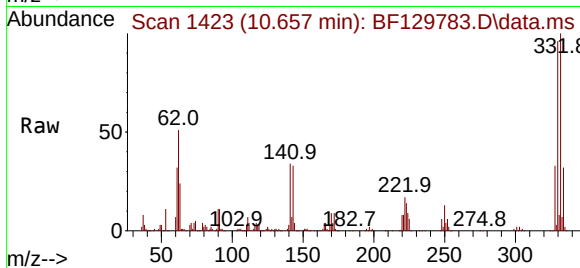
Tgt Ion:330 Resp: 526724

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 33.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.252 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129783.D

Acq: 15 Aug 2022 16:29

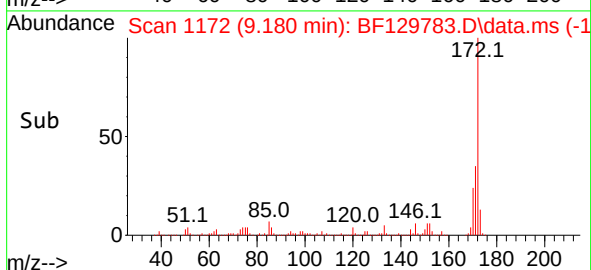
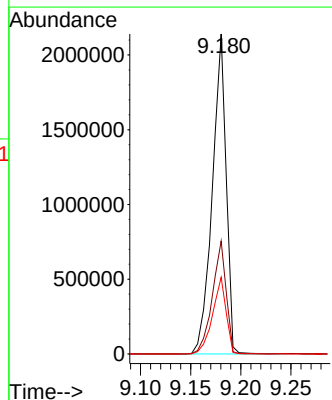
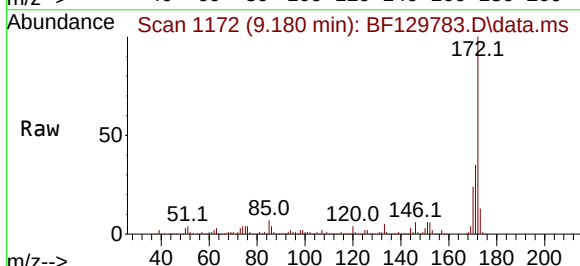
Tgt Ion:172 Resp: 2061223

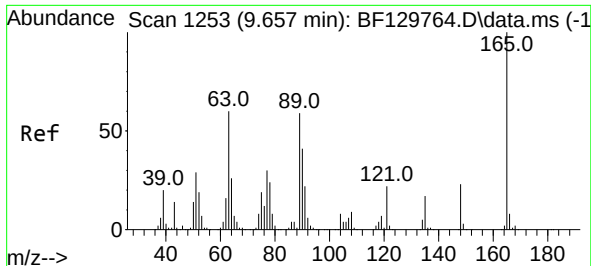
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.390 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF129783.D

Acq: 15 Aug 2022 16:29

Instrument :

BNA_F

ClientSampleId :

PB147018BL

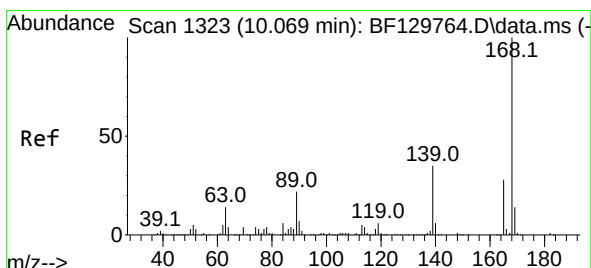
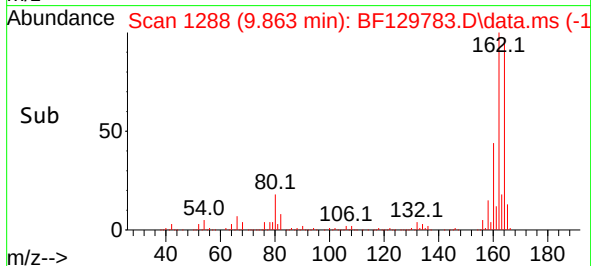
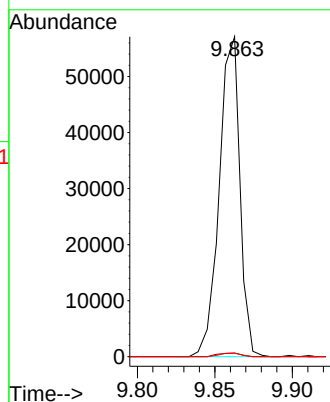
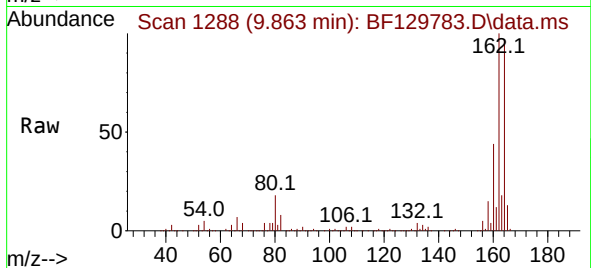
Tgt Ion:165 Resp: 52874

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.1 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.463 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.206 min

Lab File: BF129783.D

Acq: 15 Aug 2022 16:29

Tgt Ion:165 Resp: 52874

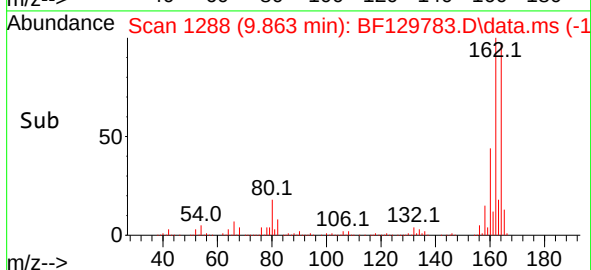
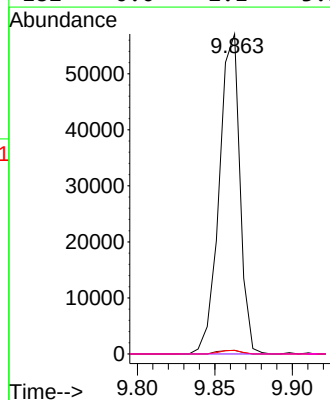
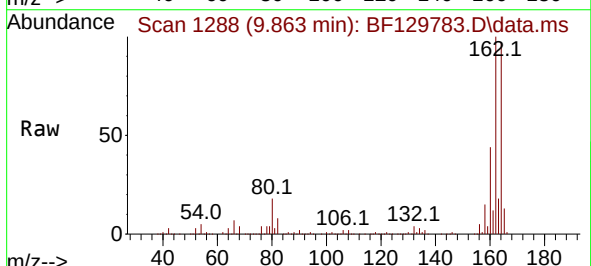
Ion Ratio Lower Upper

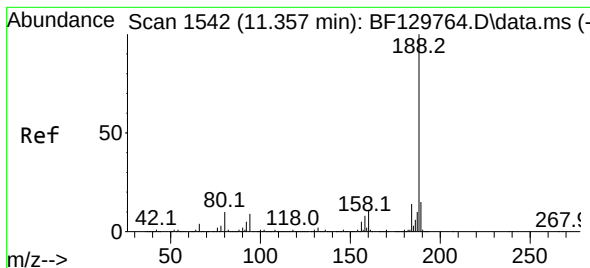
165 100

63 1.1 48.4 72.6#

89 1.1 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129783.D

Acq: 15 Aug 2022 16:29

Instrument :

BNA_F

ClientSampleId :

PB147018BL

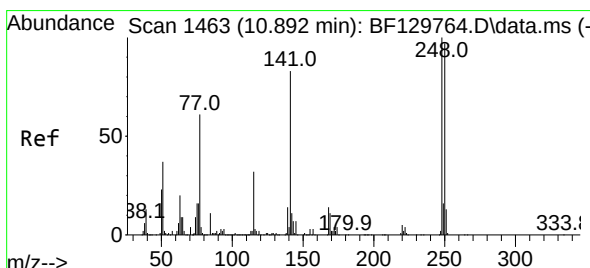
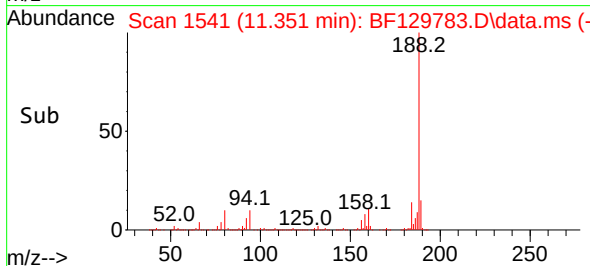
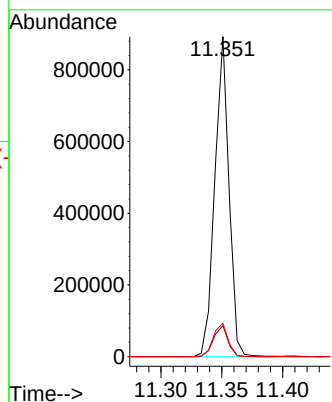
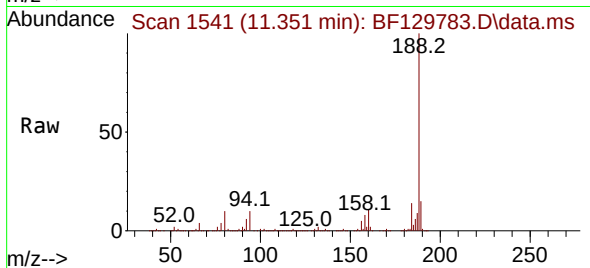
Tgt Ion:188 Resp: 720354

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.5 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.888 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.235 min

Lab File: BF129783.D

Acq: 15 Aug 2022 16:29

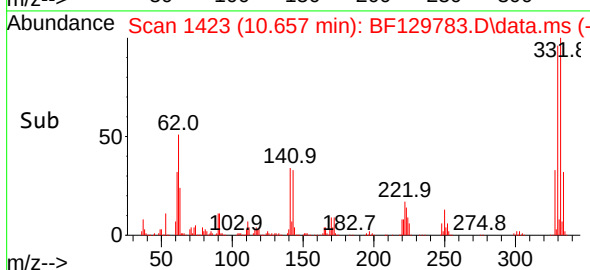
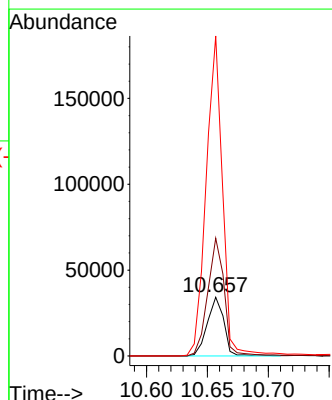
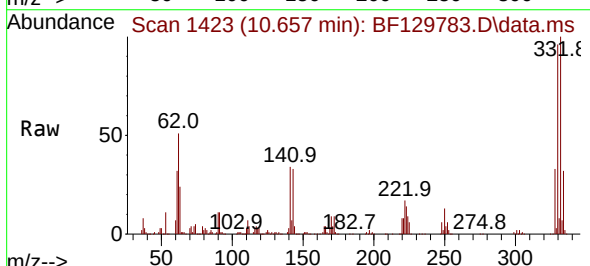
Tgt Ion:248 Resp: 32800

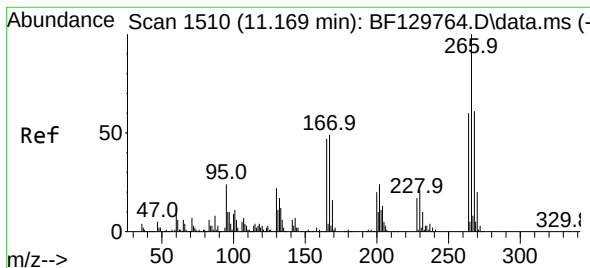
Ion Ratio Lower Upper

248 100

250 200.7 77.8 116.6#

141 545.4 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.200 ng

RT: 10.939 min Scan# 14

Delta R.T. -0.230 min

Lab File: BF129783.D

Acq: 15 Aug 2022 16:29

Instrument :

BNA_F

ClientSampleId :

PB147018BL

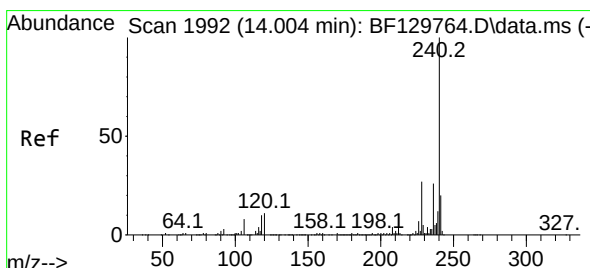
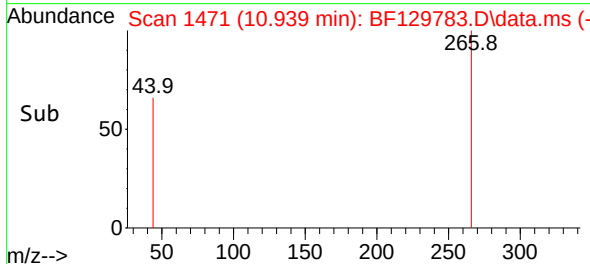
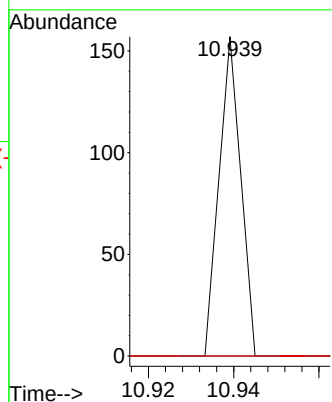
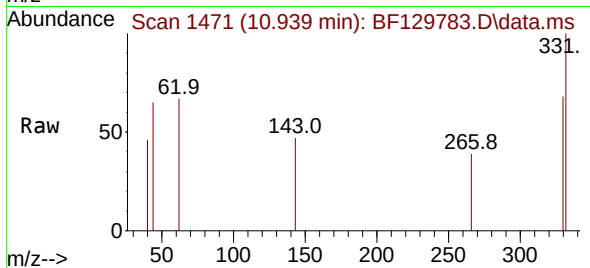
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

268 0.0 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF129783.D

Acq: 15 Aug 2022 16:29

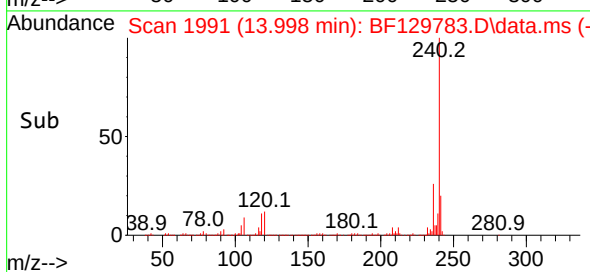
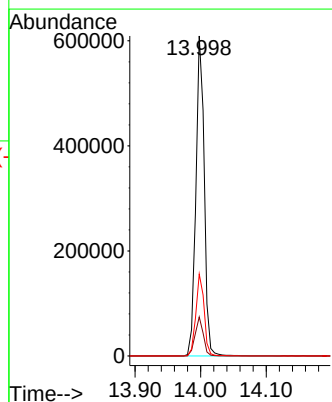
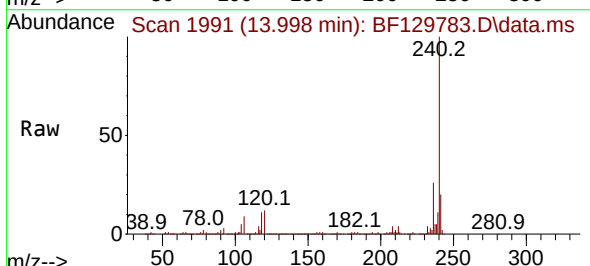
Tgt Ion:240 Resp: 541108

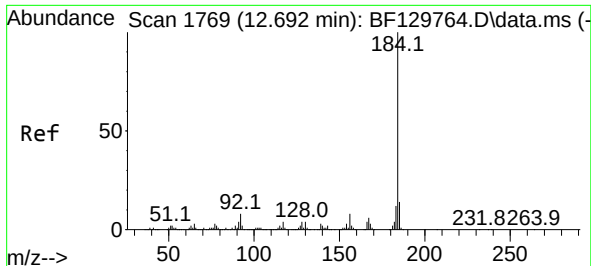
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 25.6 20.7 31.1

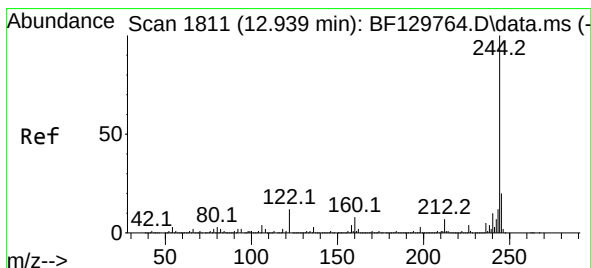
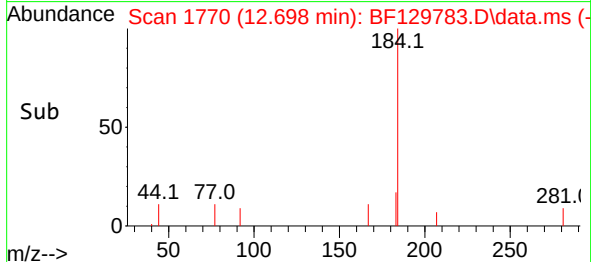
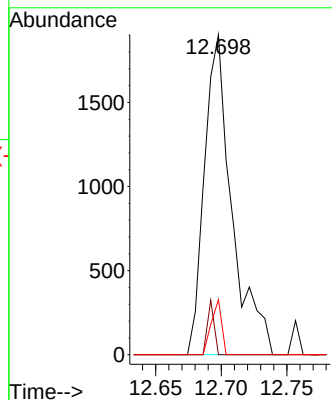
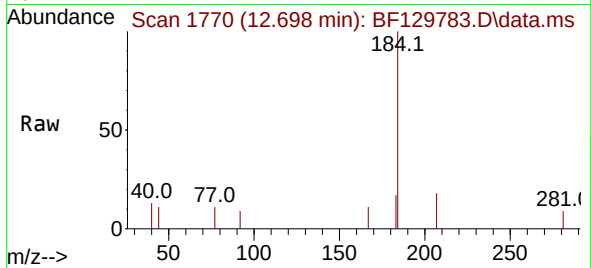




#77
Benzidine
Concen: Below Cal
RT: 12.698 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

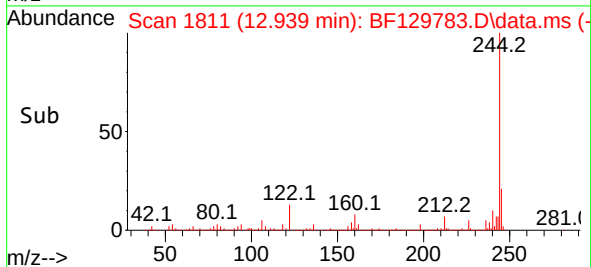
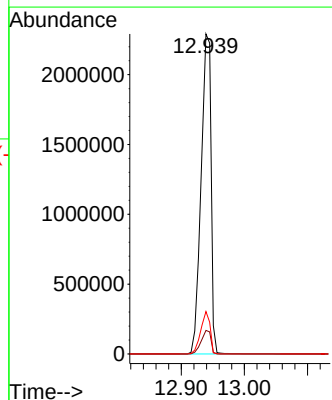
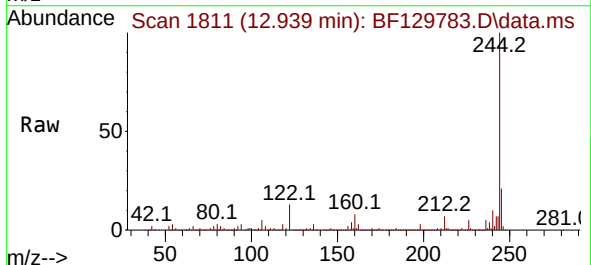
Instrument :
BNA_F
ClientSampleId :
PB147018BL

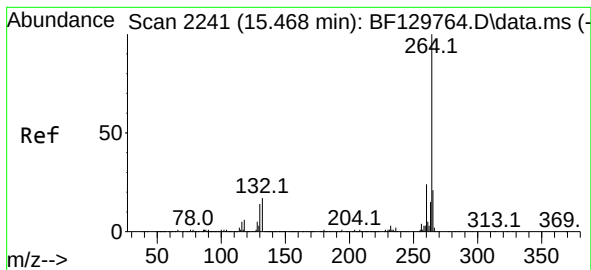
Tgt Ion:184 Resp: 2781
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.2#
183 17.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 77.114 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF129783.D
Acq: 15 Aug 2022 16:29

Tgt Ion:244 Resp: 2507744
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 13.2 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129783.D
 Acq: 15 Aug 2022 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB147018BL

Tgt Ion:264 Resp: 402827
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.5 16.7 25.1

