

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129793.D
 Acq On : 15 Aug 2022 21:50
 Operator : CG\JU
 Sample : N4200-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5

Quant Time: Aug 16 03:18:56 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)

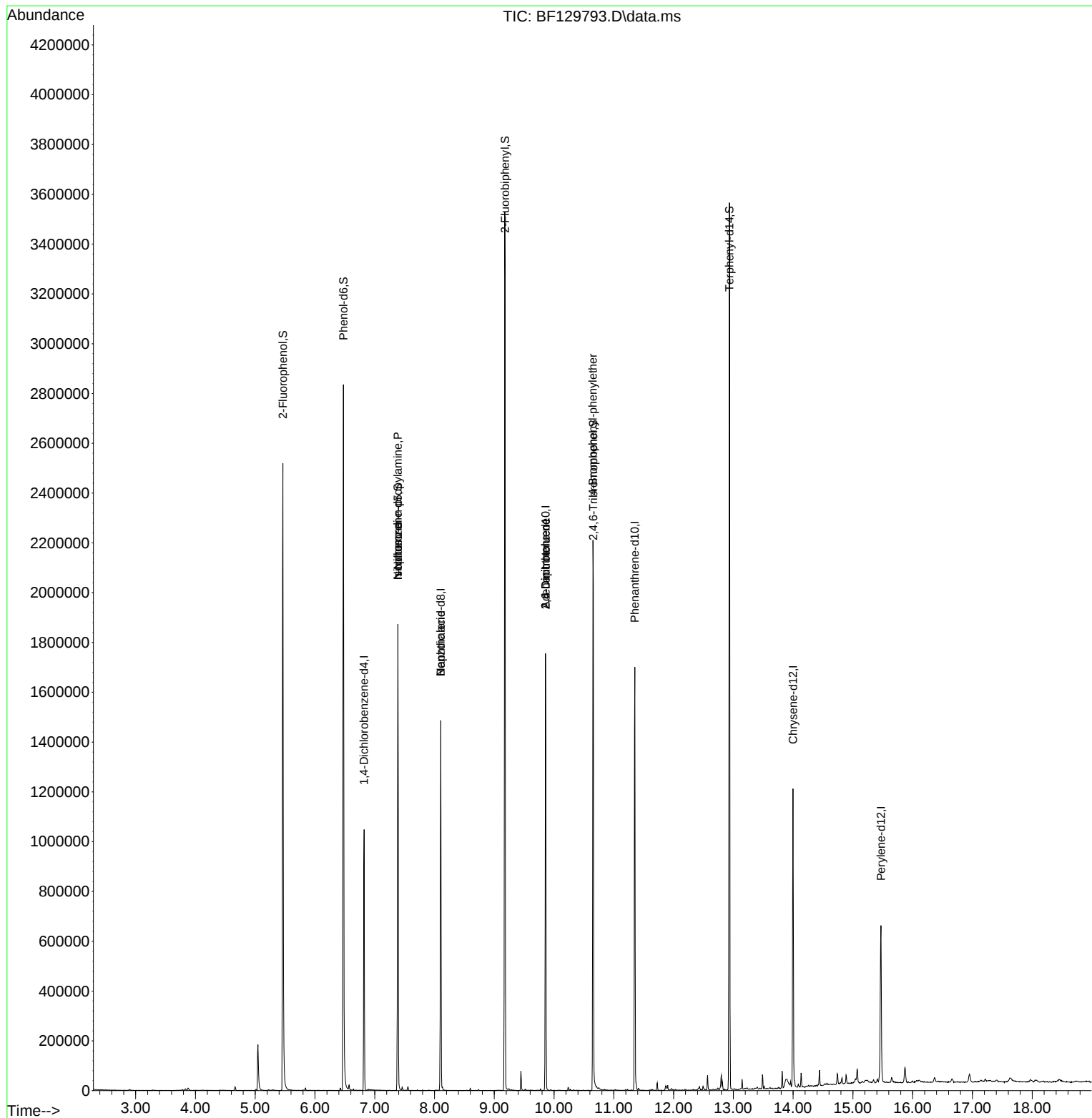
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	153078	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	627870	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	348979	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	606697	20.000	ng	0.00
76) Chrysene-d12	13.998	240	364960	20.000	ng	0.00
86) Perylene-d12	15.469	264	285700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	721496	78.037	ng	0.00
7) Phenol-d6	6.475	99	921092	79.556	ng	0.00
23) Nitrobenzene-d5	7.387	82	579634	49.419	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	271572	77.536	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1140636	49.642	ng	0.00
79) Terphenyl-d14	12.933	244	1176189	53.625	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	1342	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.387	70	76806	10.495	ng	# 77
25) Isophorone	7.387	82	579627	28.713	ng	# 65
32) Benzoic acid	8.104	122	53	2.167	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	45066	8.304	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	45066	6.397	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	16450	2.315	ng	# 1
77) Benzidine	12.933	184	16078	Below Cal	#	91

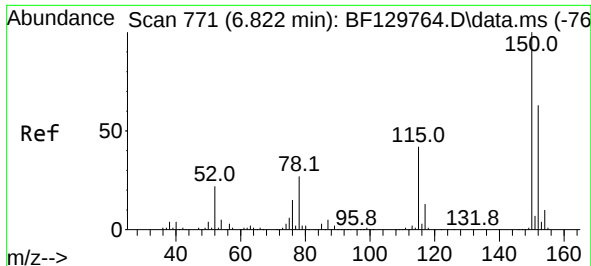
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129793.D
Acq On : 15 Aug 2022 21:50
Operator : CG\JU
Sample : N4200-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S5

Quant Time: Aug 16 03:18:56 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

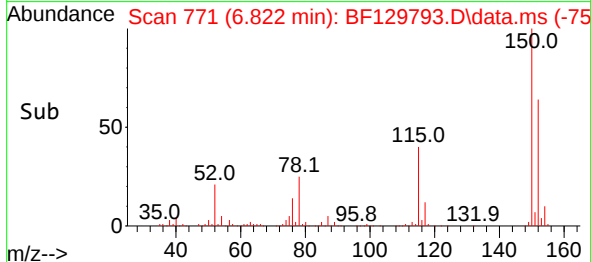
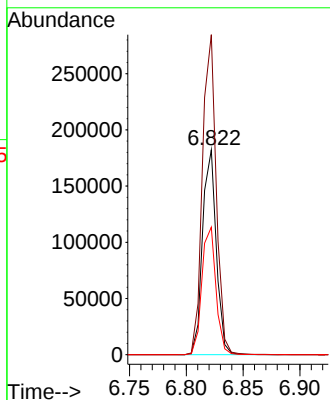
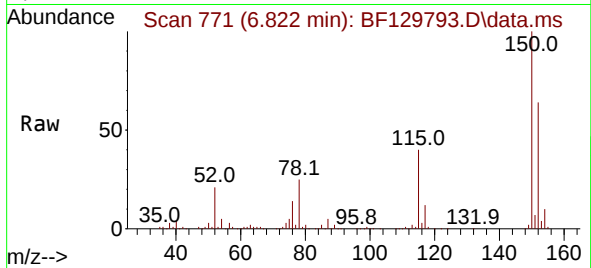




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

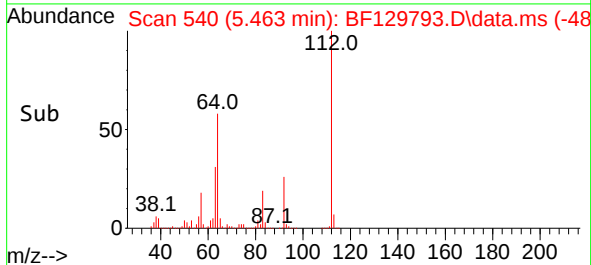
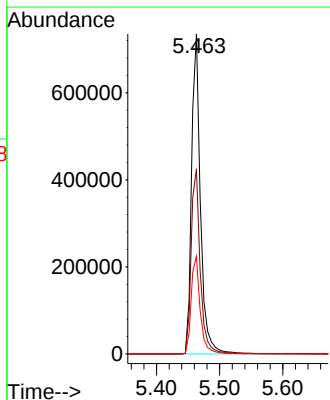
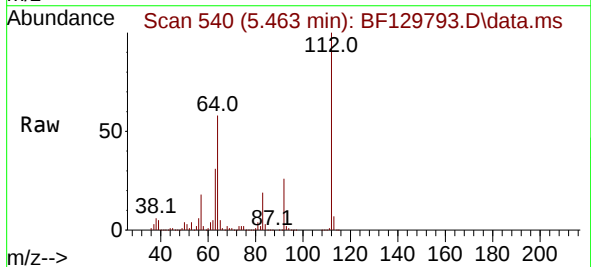
Instrument :
BNA_F
ClientSampleId :
S5

Tgt Ion:152 Resp: 153078
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 62.3 53.4 80.0



#5
2-Fluorophenol
Concen: 78.037 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

Tgt Ion:112 Resp: 721496
Ion Ratio Lower Upper
112 100
64 57.8 47.6 71.4
63 30.5 24.6 37.0

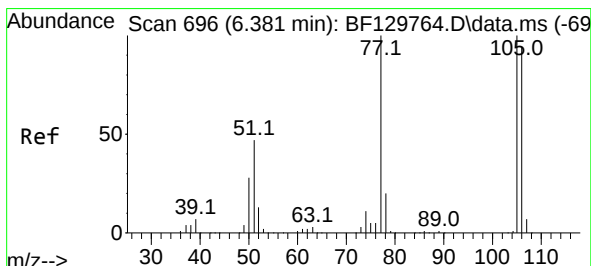
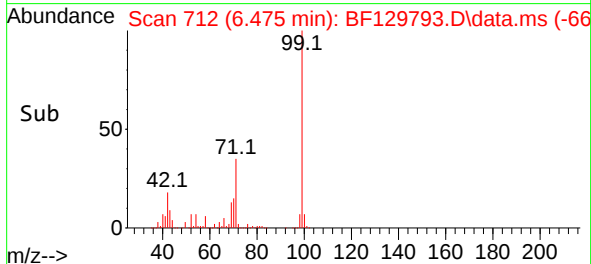
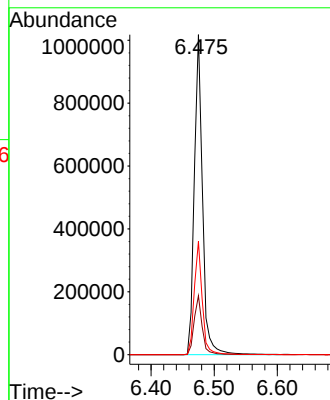
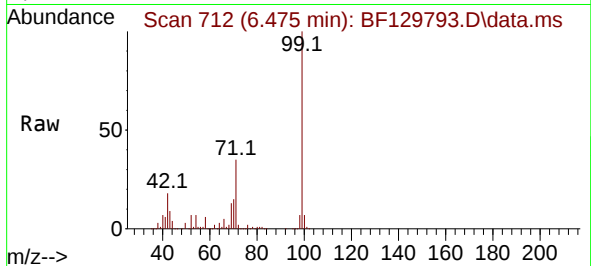




#7
Phenol-d6
Concen: 79.556 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

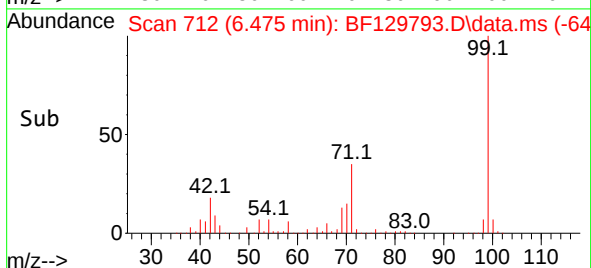
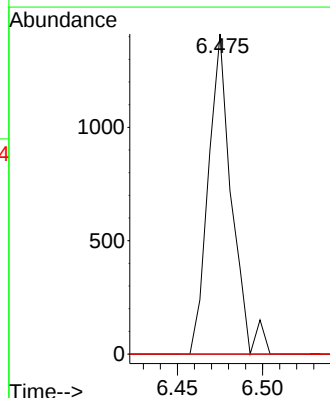
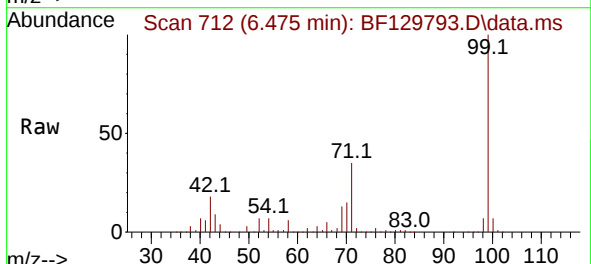
Instrument :
BNA_F
ClientSampleId :
S5

Tgt Ion: 99 Resp: 921092
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 35.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.094 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

Tgt Ion: 77 Resp: 1342
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

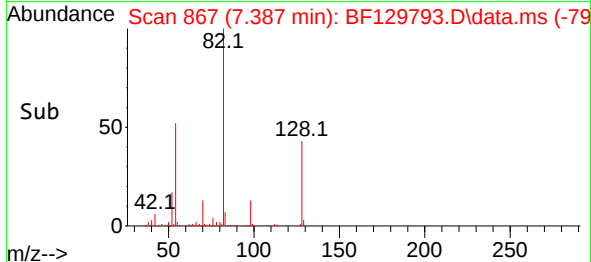
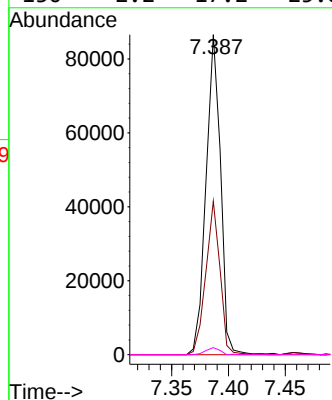
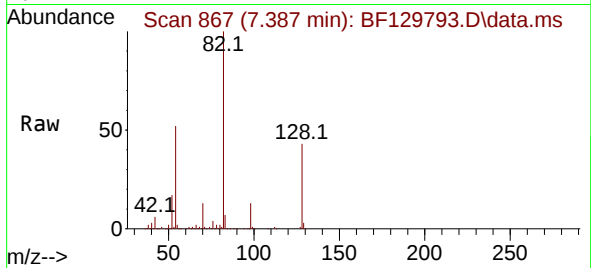




#19
n-Nitroso-di-n-propylamine
Concen: 10.495 ng
RT: 7.387 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

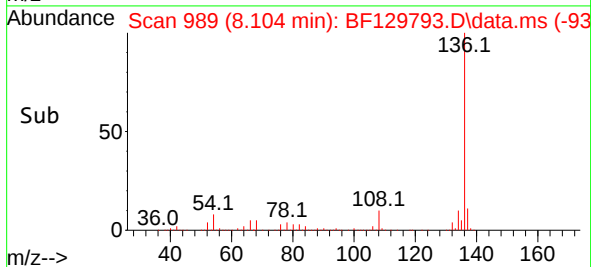
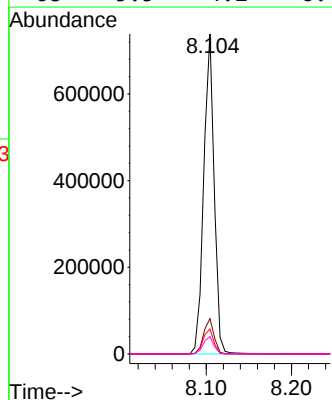
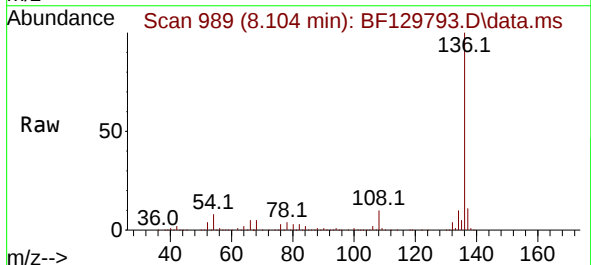
Instrument :
BNA_F
ClientSampleId :
S5

Tgt Ion: 70 Resp: 76806
Ion Ratio Lower Upper
70 100
42 48.0 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: BF129793.D
Acq: 15 Aug 2022 21:50

Tgt Ion: 136 Resp: 627870
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.2 9.2
68 5.5 4.2 6.4

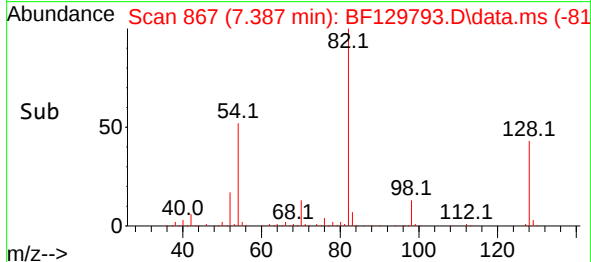
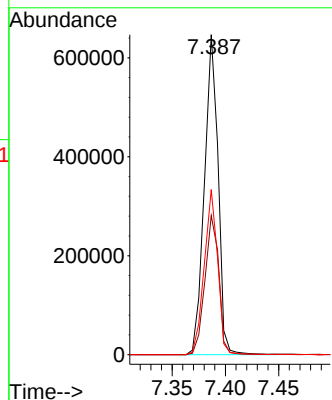
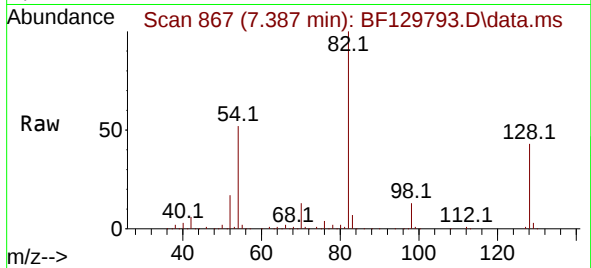




#23
Nitrobenzene-d5
Concen: 49.419 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

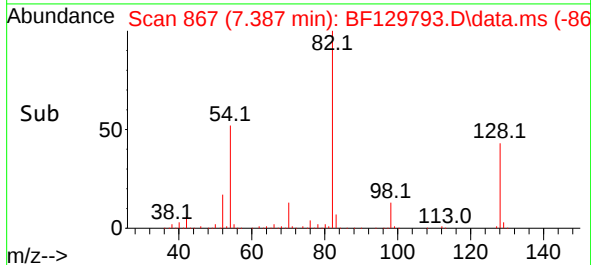
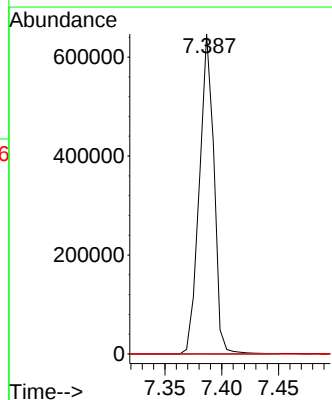
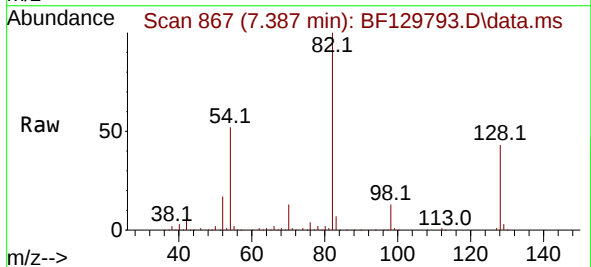
Instrument :
BNA_F
ClientSampleId :
S5

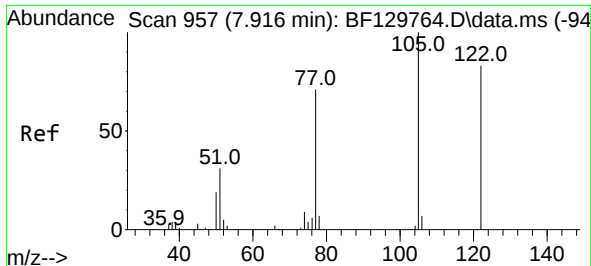
Tgt Ion: 82 Resp: 579634
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 51.6 40.0 60.0



#25
Isophorone
Concen: 28.713 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

Tgt Ion: 82 Resp: 579627
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

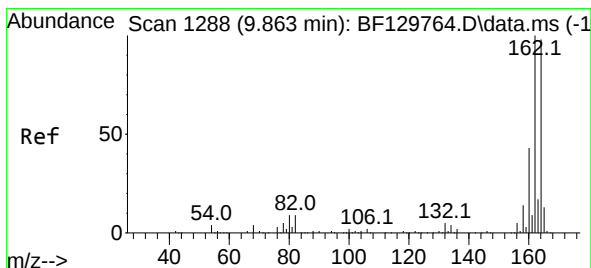
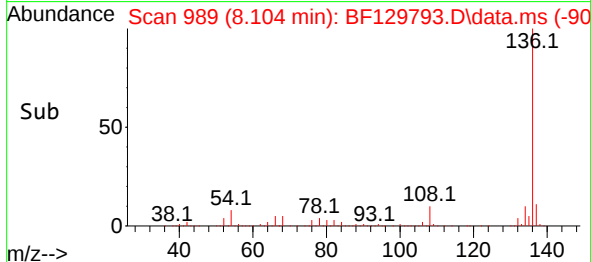
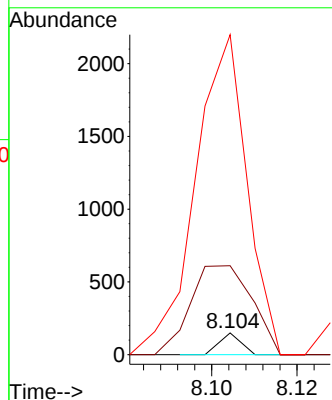
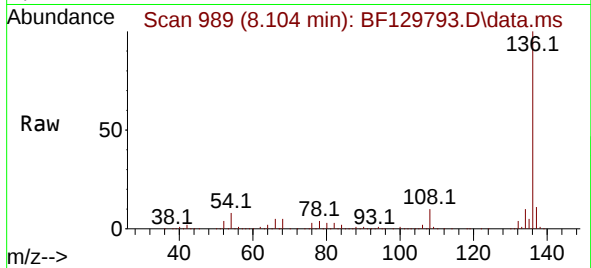




#32
Benzoic acid
Concen: 2.167 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

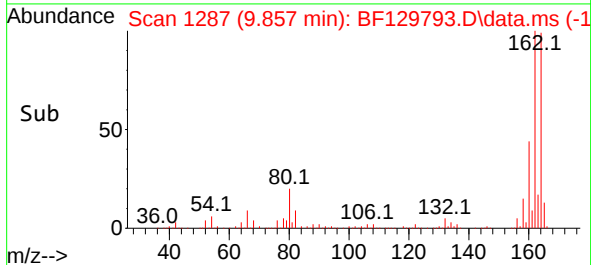
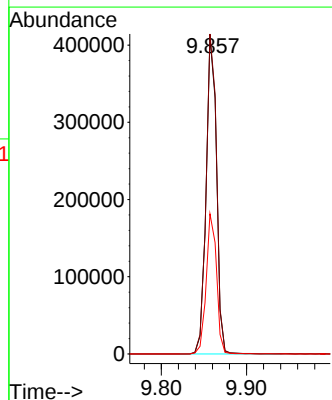
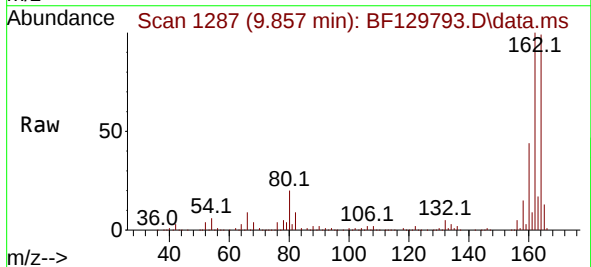
Instrument :
BNA_F
ClientSampleId :
S5

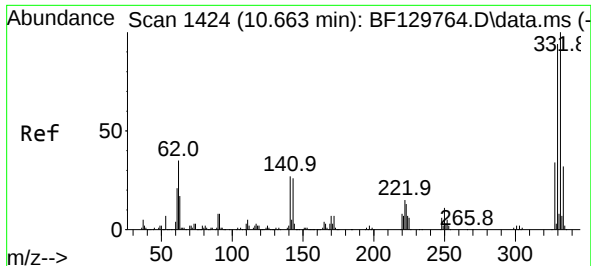
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 407.3 99.9 139.9#
77 1466.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

Tgt Ion:164 Resp: 348979
Ion Ratio Lower Upper
164 100
162 101.0 82.0 123.0
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 77.536 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129793.D

Acq: 15 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

S5

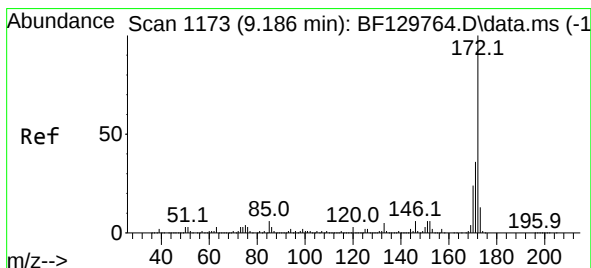
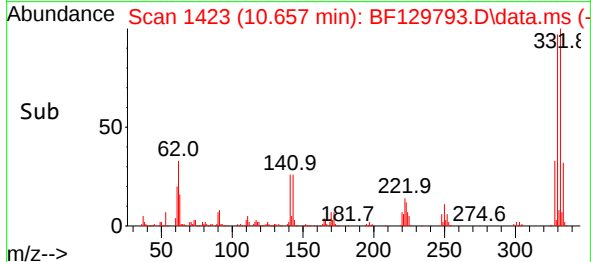
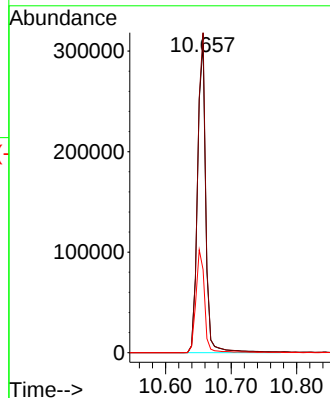
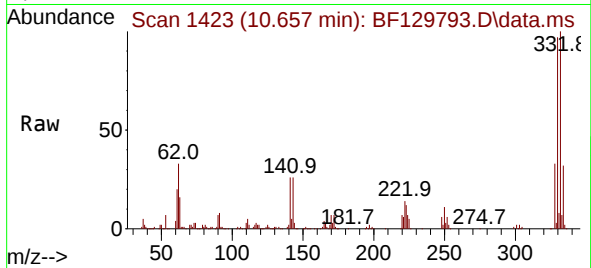
Tgt Ion:330 Resp: 271572

Ion Ratio Lower Upper

330 100

332 101.2 82.6 124.0

141 34.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 49.642 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129793.D

Acq: 15 Aug 2022 21:50

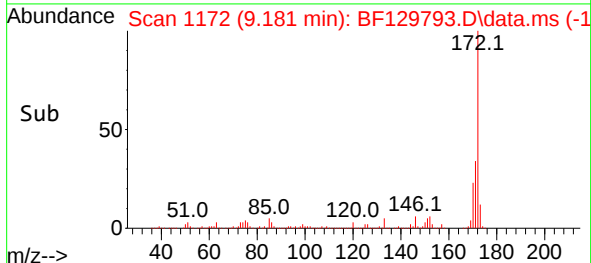
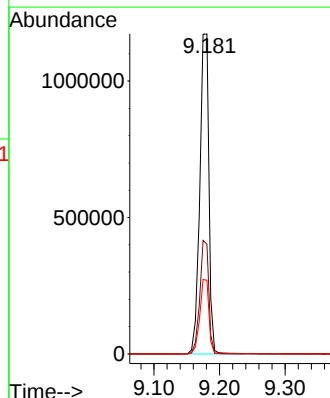
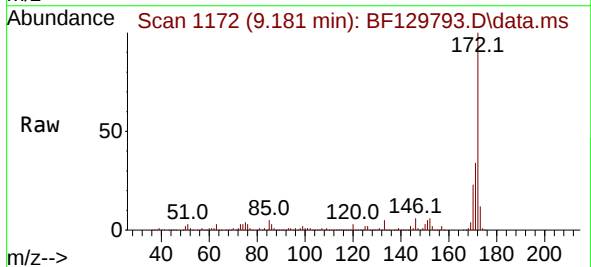
Tgt Ion:172 Resp: 1140636

Ion Ratio Lower Upper

172 100

171 34.3 28.4 42.6

170 23.1 19.1 28.7

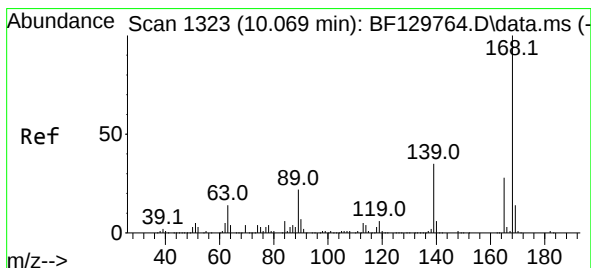
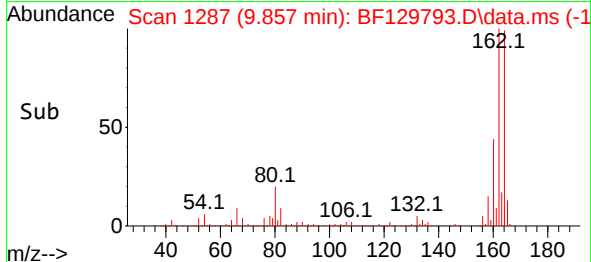
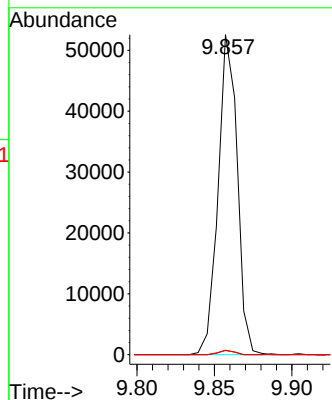
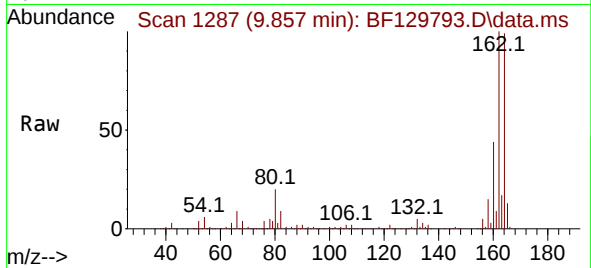




#51
2,6-Dinitrotoluene
Concen: 8.304 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.200 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

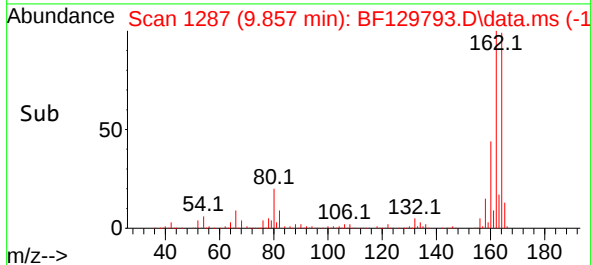
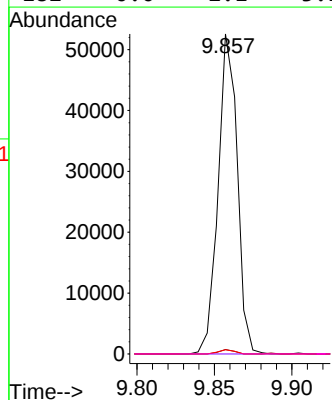
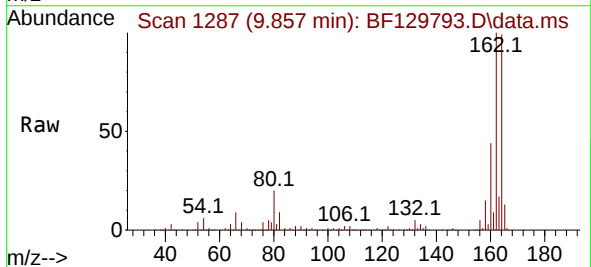
Instrument :
BNA_F
ClientSampleId :
S5

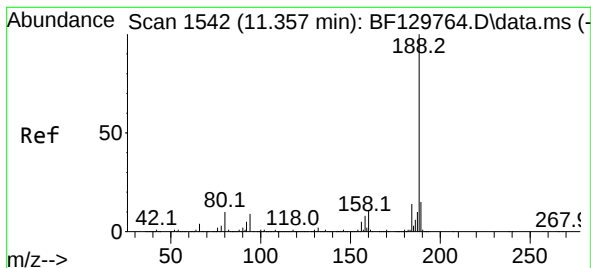
Tgt Ion:165 Resp: 45066
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.397 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

Tgt Ion:165 Resp: 45066
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.3 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: BF129793.D

Acq: 15 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

S5

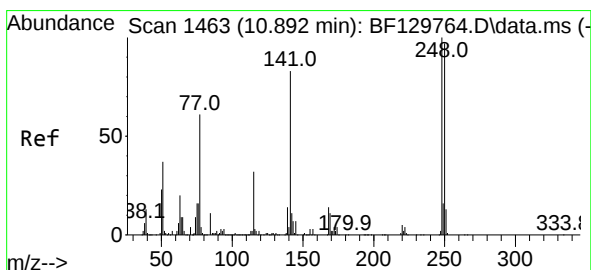
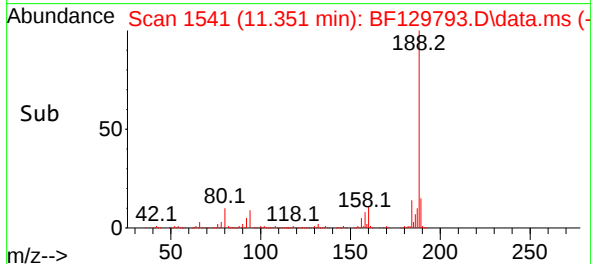
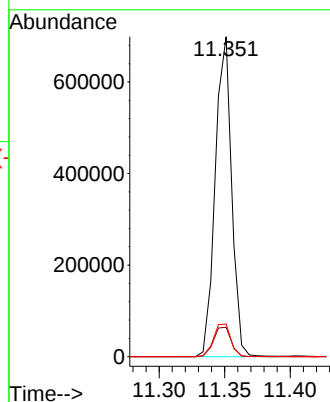
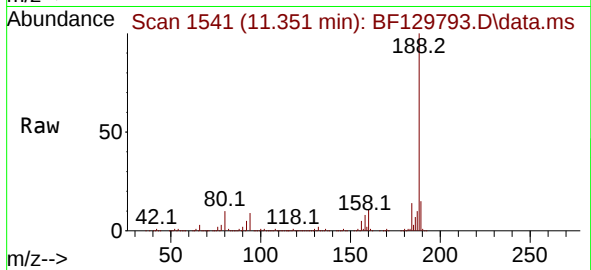
Tgt Ion:188 Resp: 606697

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.2 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.315 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.241 min

Lab File: BF129793.D

Acq: 15 Aug 2022 21:50

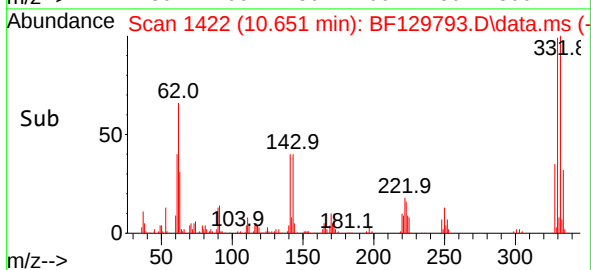
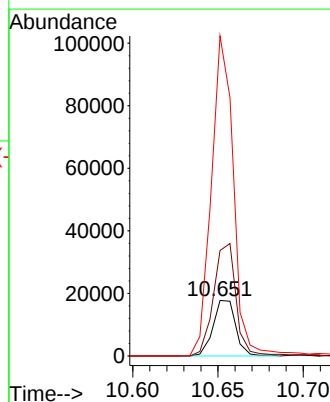
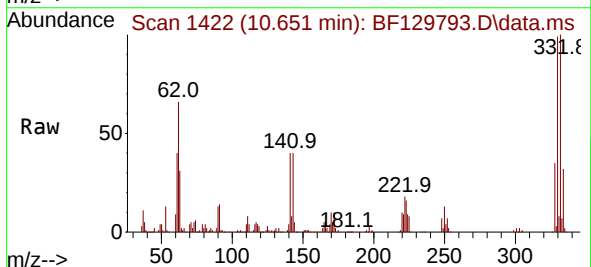
Tgt Ion:248 Resp: 16450

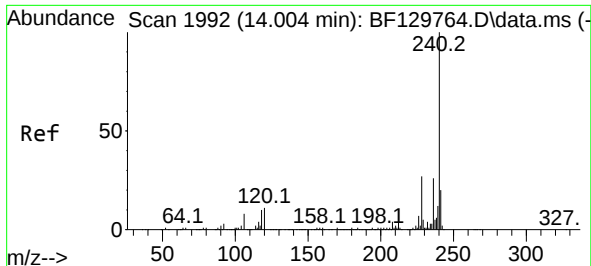
Ion Ratio Lower Upper

248 100

250 190.1 77.8 116.6#

141 576.6 66.2 99.2#

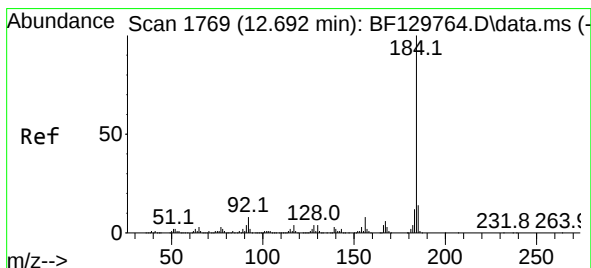
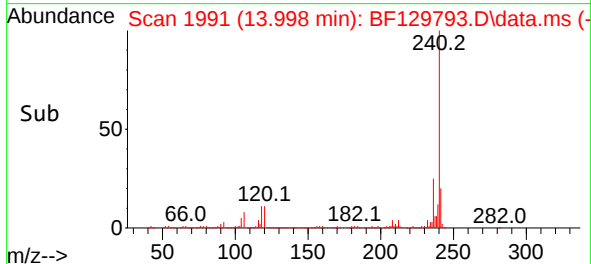
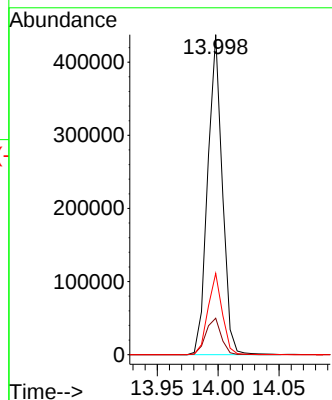
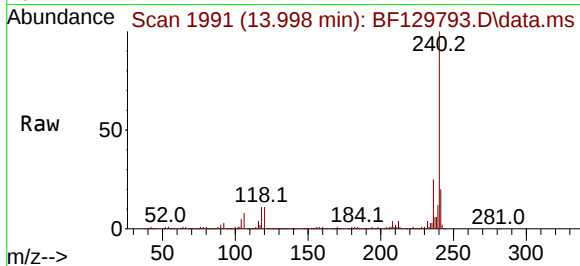




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

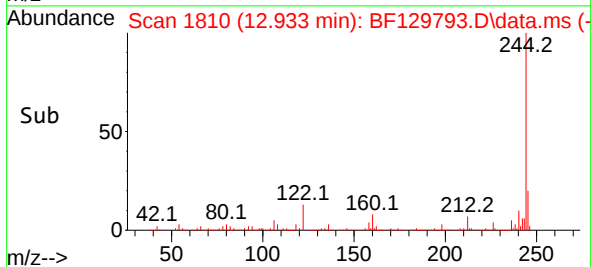
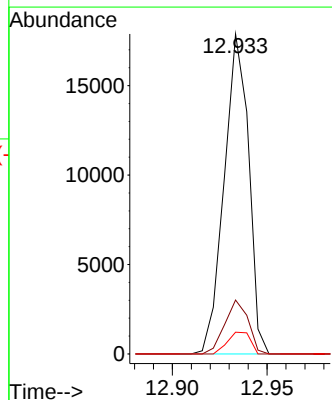
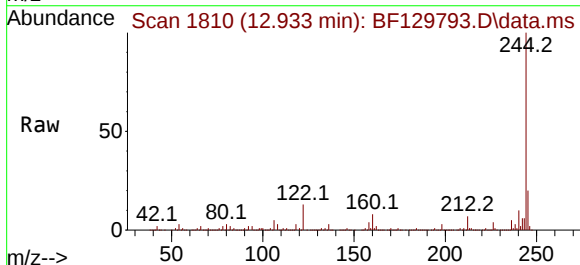
Instrument :
BNA_F
ClientSampleId :
S5

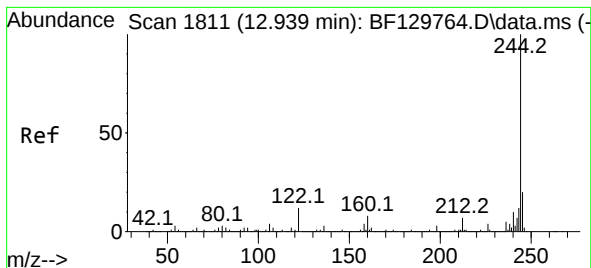
Tgt Ion:240 Resp: 364960
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.4 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.933 min Scan# 1810
Delta R.T. 0.241 min
Lab File: BF129793.D
Acq: 15 Aug 2022 21:50

Tgt Ion:184 Resp: 16078
Ion Ratio Lower Upper
184 100
185 16.8 11.4 17.2
183 6.8 9.4 14.2#





#79

Terphenyl-d14

Concen: 53.625 ng

RT: 12.933 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129793.D

Acq: 15 Aug 2022 21:50

Instrument :

BNA_F

ClientSampleId :

S5

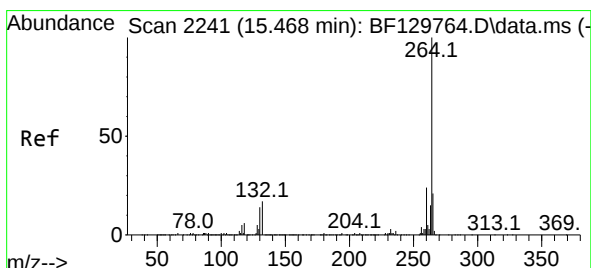
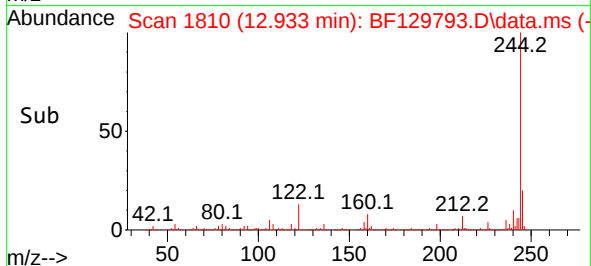
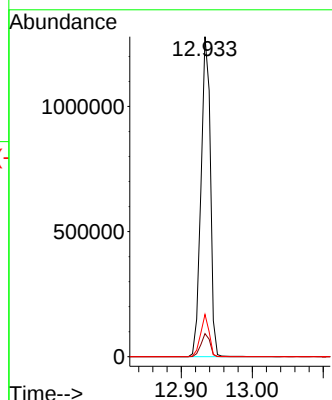
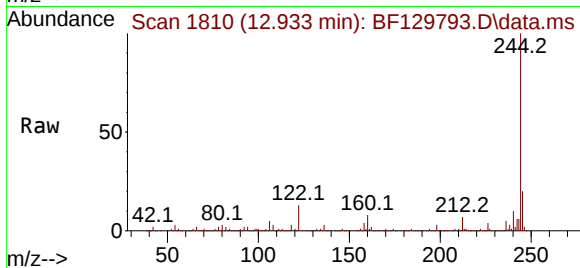
Tgt Ion:244 Resp: 1176189

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 13.2 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.469 min Scan# 2241

Delta R.T. 0.000 min

Lab File: BF129793.D

Acq: 15 Aug 2022 21:50

Tgt Ion:264 Resp: 285700

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.0 16.7 25.1

