

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129820.D
 Acq On : 16 Aug 2022 20:15
 Operator : CG\JU
 Sample : N4188-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S11

Quant Time: Aug 17 02:37:31 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)

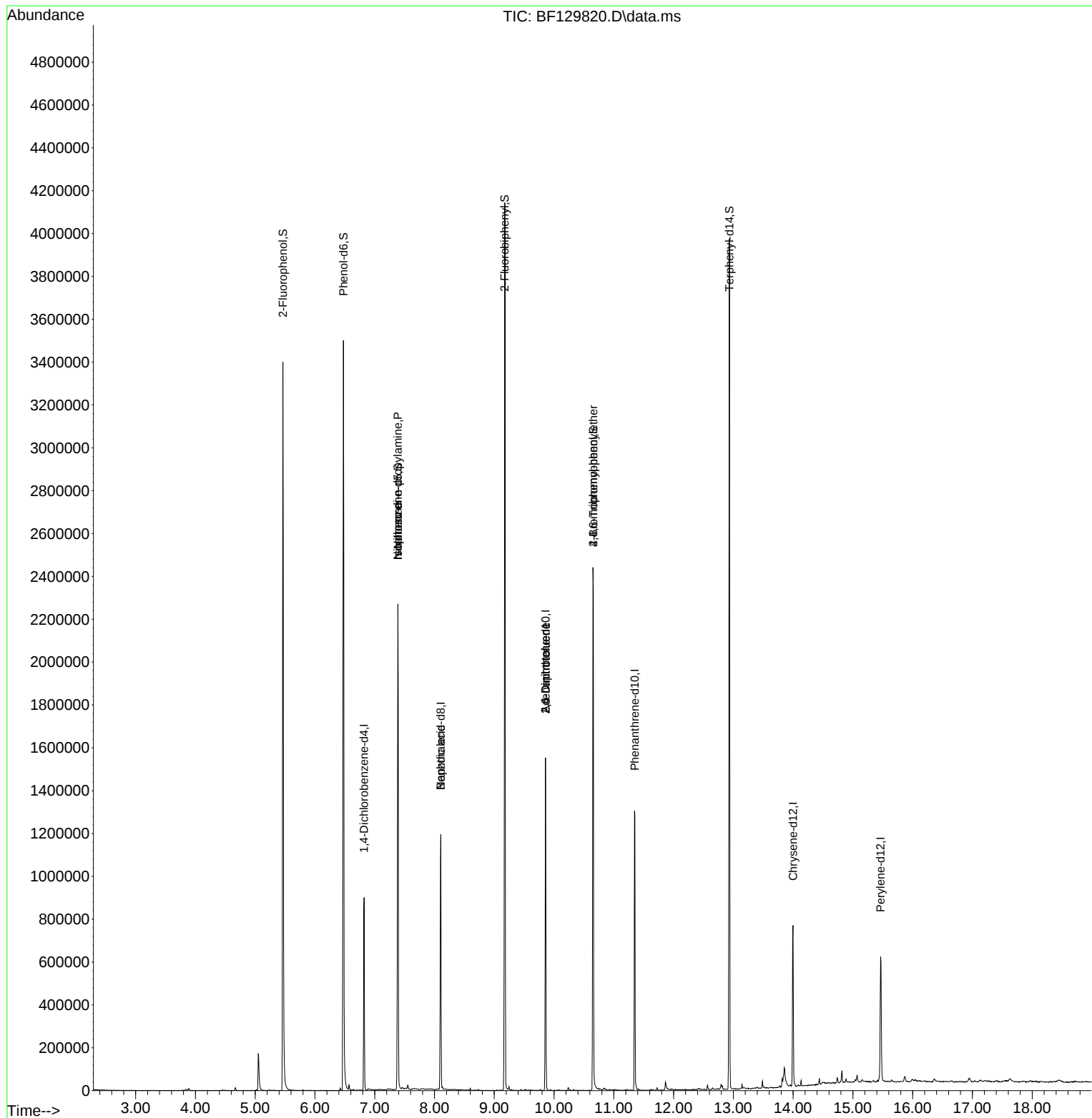
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	139272	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	557725	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	294295	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	486779	20.000	ng	0.00
76) Chrysene-d12	13.998	240	255909	20.000	ng	0.00
86) Perylene-d12	15.463	264	266930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	950040	112.943	ng	0.00
7) Phenol-d6	6.475	99	1198881	113.813	ng	0.00
23) Nitrobenzene-d5	7.387	82	778031	74.677	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	308871	104.571	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1359551	70.164	ng	-0.01
79) Terphenyl-d14	12.933	244	1226475	79.746	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	64	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.387	70	103155	15.493	ng	# 77
25) Isophorone	7.387	82	778021	43.387	ng	# 65
32) Benzoic acid	8.104	122	61	2.173	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	37899	8.281	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	37899	6.379	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	19536	3.427	ng	# 1
77) Benzidine	12.933	184	17821	Below Cal	#	87

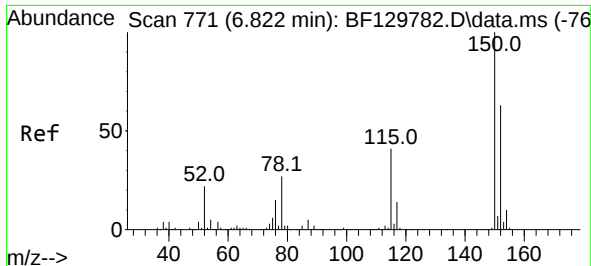
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
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Instrument :
BNA_F
ClientSampleId :
S11

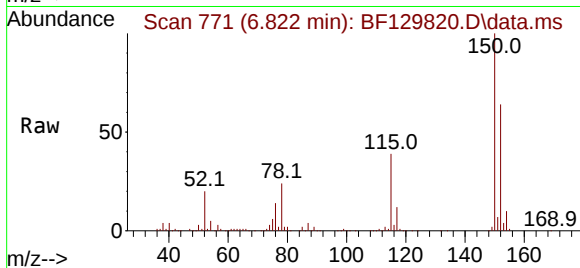
Quant Time: Aug 17 02:37:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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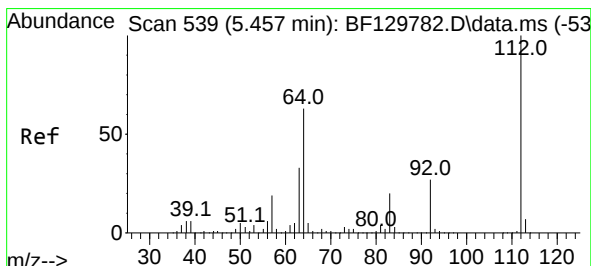
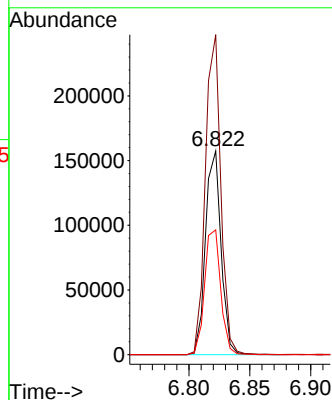
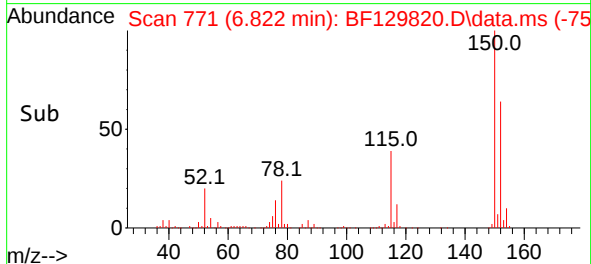


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

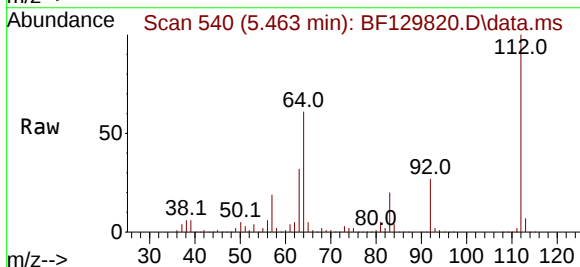
Instrument :
BNA_F
ClientSampleId :
S11



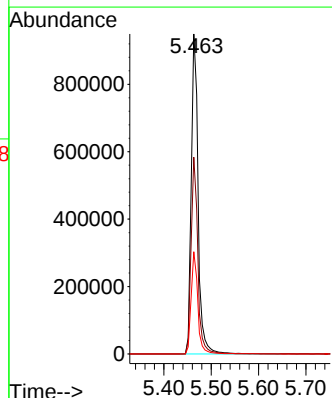
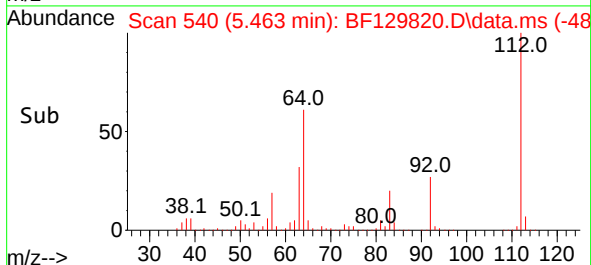
Tgt Ion:152 Resp: 139272
Ion Ratio Lower Upper
152 100
150 157.1 126.9 190.3
115 61.3 53.4 80.0

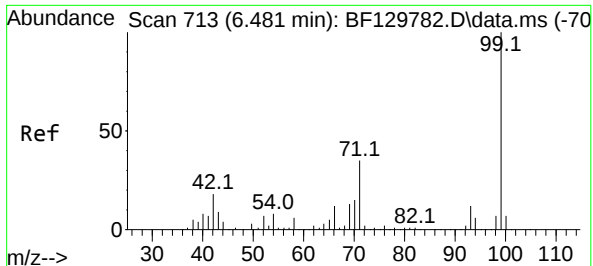


#5
2-Fluorophenol
Concen: 112.943 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15



Tgt Ion:112 Resp: 950040
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 32.0 24.6 37.0

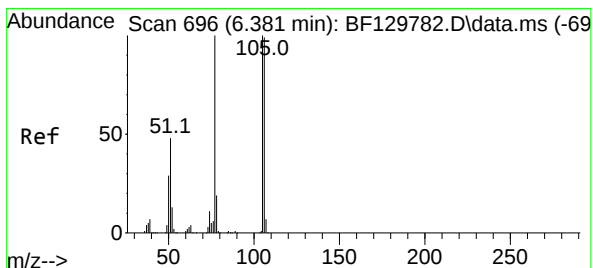
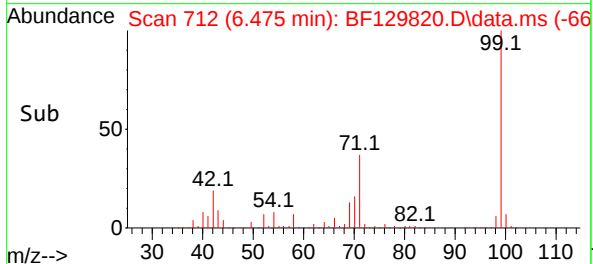
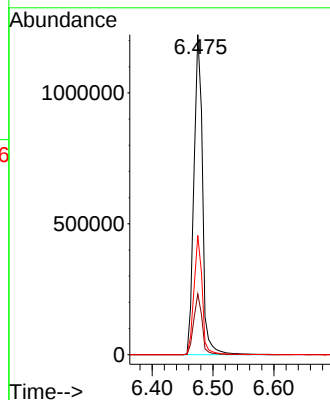
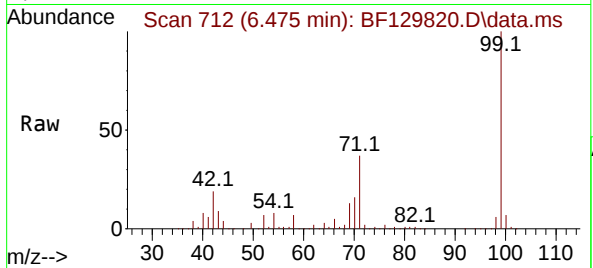




#7
Phenol-d6
Concen: 113.813 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

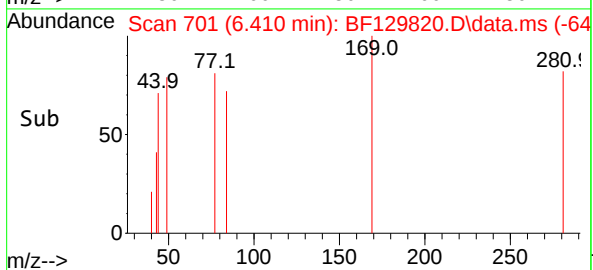
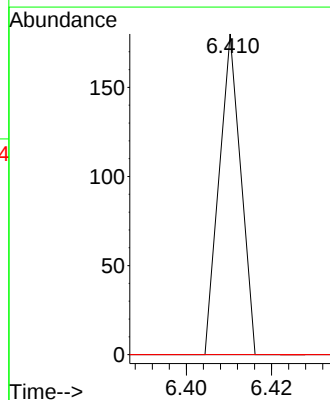
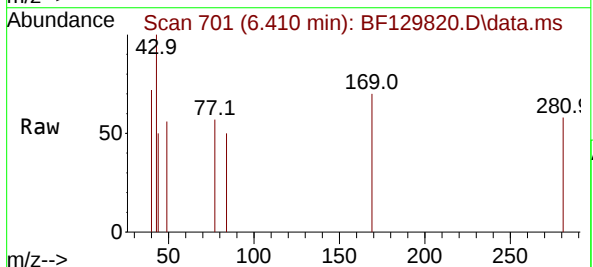
Instrument :
BNA_F
ClientSampleId :
S11

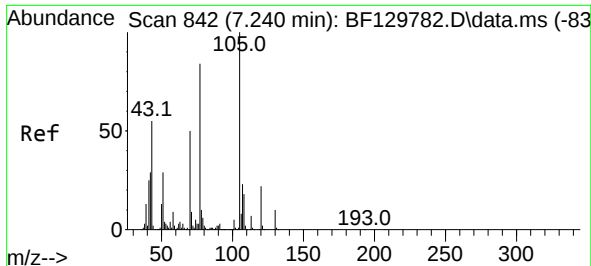
Tgt Ion: 99 Resp: 1198881
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 37.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.029 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

Tgt Ion: 77 Resp: 64
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

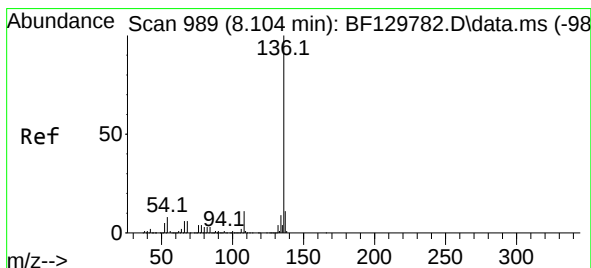
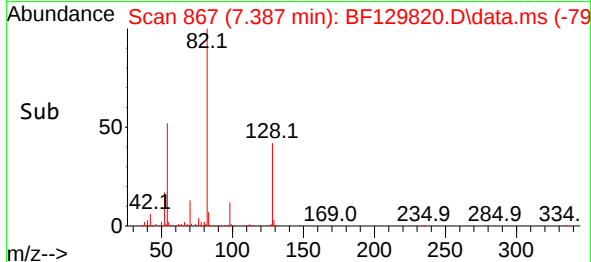
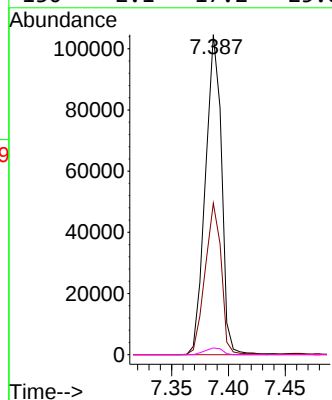
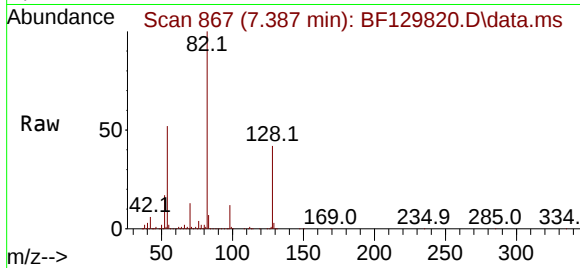




#19
n-Nitroso-di-n-propylamine
Concen: 15.493 ng
RT: 7.387 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

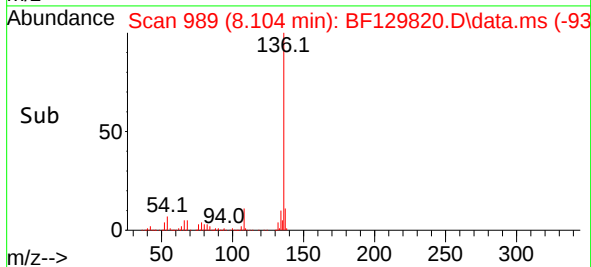
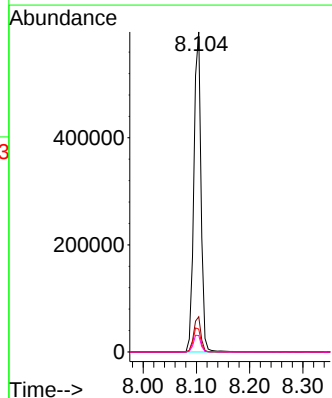
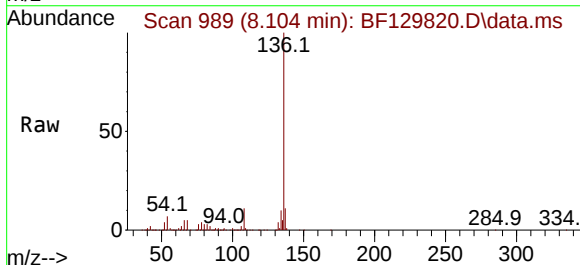
Instrument :
BNA_F
ClientSampleId :
S11

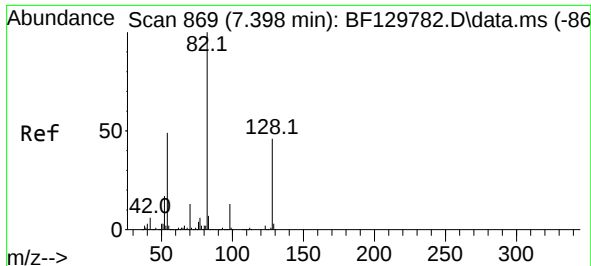
Tgt Ion: 70 Resp: 103155
Ion Ratio Lower Upper
70 100
42 47.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

Tgt Ion: 136 Resp: 557725
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.2 6.2 9.2
68 5.2 4.2 6.4

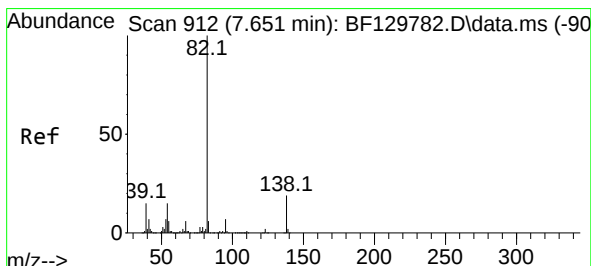
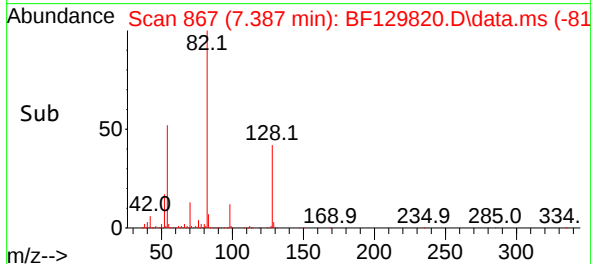
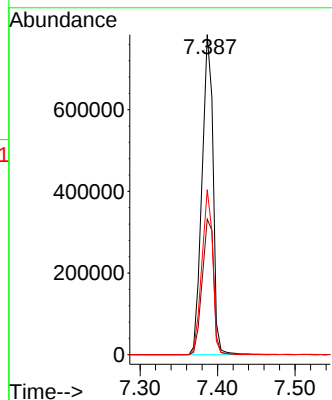
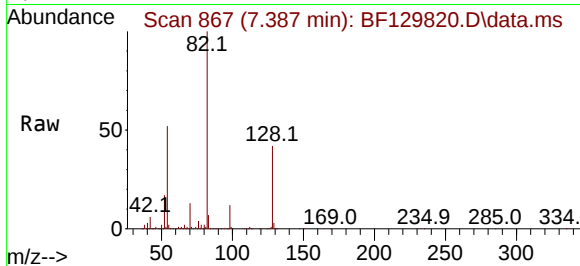




#23
Nitrobenzene-d5
Concen: 74.677 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

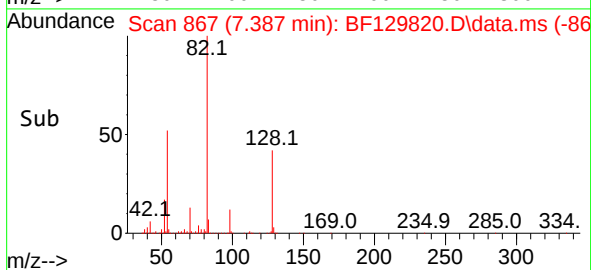
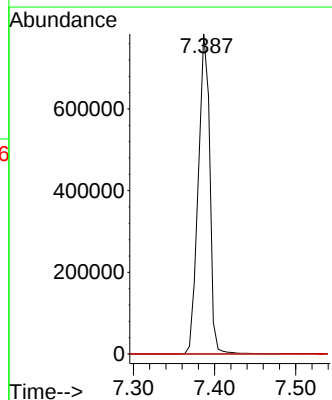
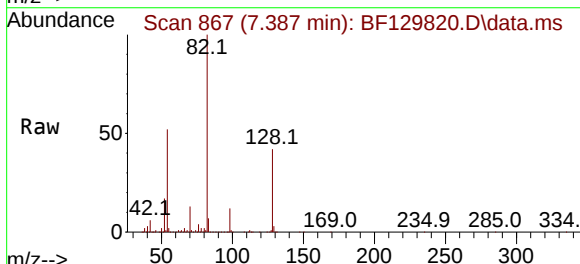
Instrument :
BNA_F
ClientSampleId :
S11

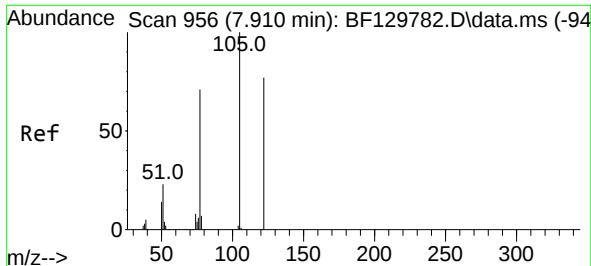
Tgt Ion: 82 Resp: 778031
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 51.5 40.0 60.0



#25
Isophorone
Concen: 43.387 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

Tgt Ion: 82 Resp: 778021
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

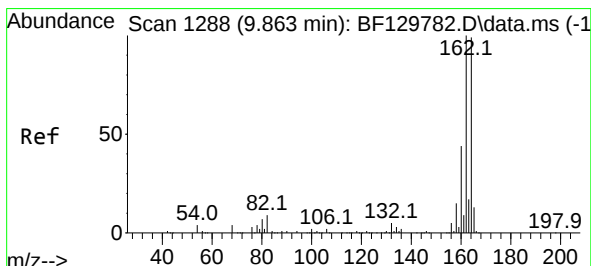
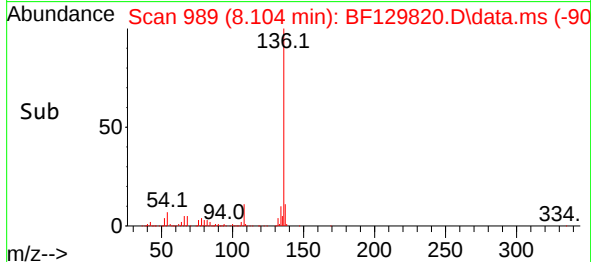
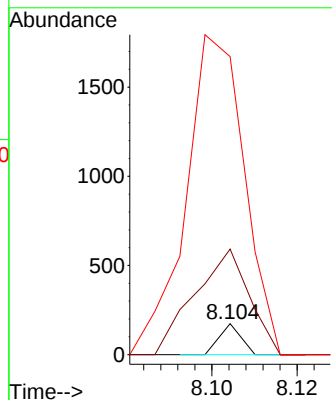
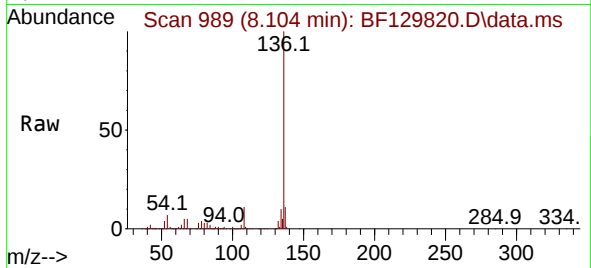




#32
Benzoic acid
Concen: 2.173 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

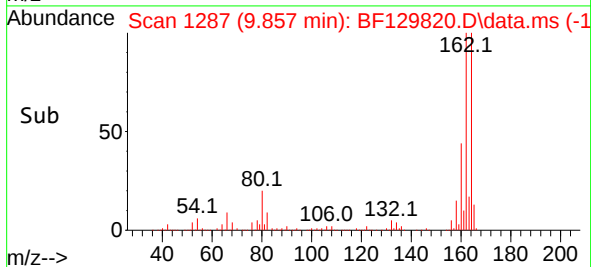
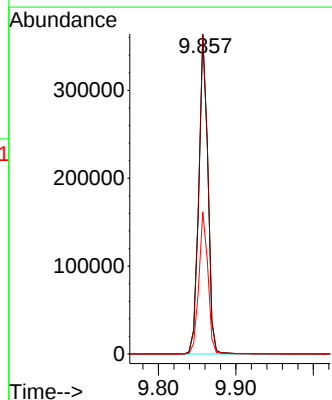
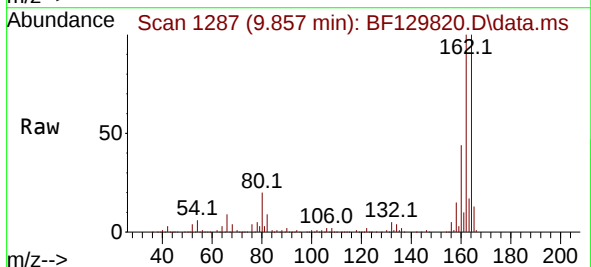
Instrument :
BNA_F
ClientSampleId :
S11

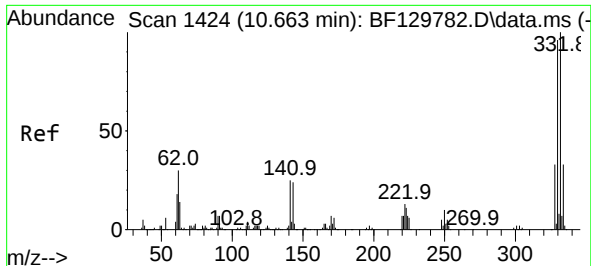
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 340.2 99.9 139.9#
77 960.3 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129820.D
Acq: 16 Aug 2022 20:15

Tgt Ion:164 Resp: 294295
Ion Ratio Lower Upper
164 100
162 100.4 82.0 123.0
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 104.571 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129820.D

Acq: 16 Aug 2022 20:15

Instrument :

BNA_F

ClientSampleId :

S11

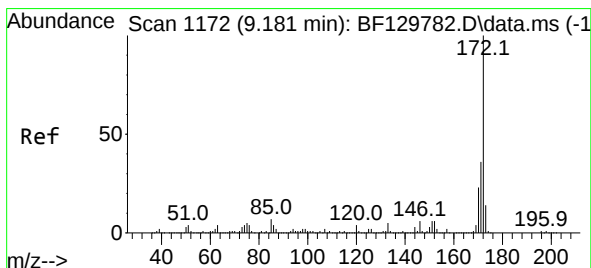
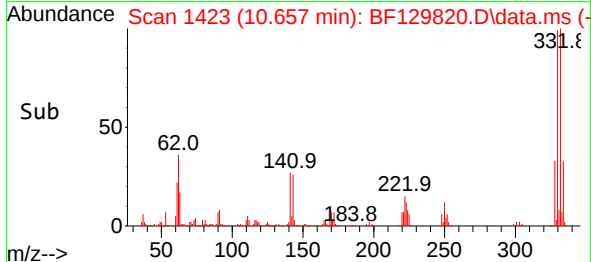
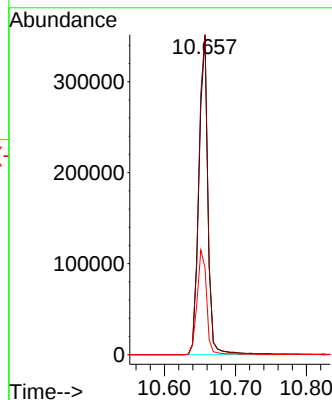
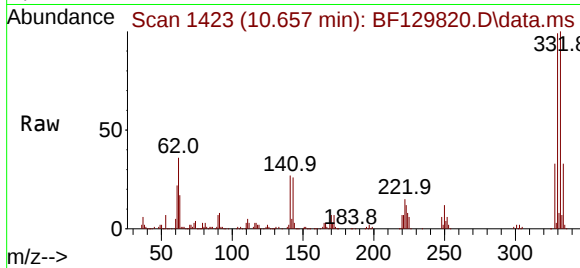
Tgt Ion:330 Resp: 308871

Ion Ratio Lower Upper

330 100

332 102.4 82.6 124.0

141 35.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 70.164 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF129820.D

Acq: 16 Aug 2022 20:15

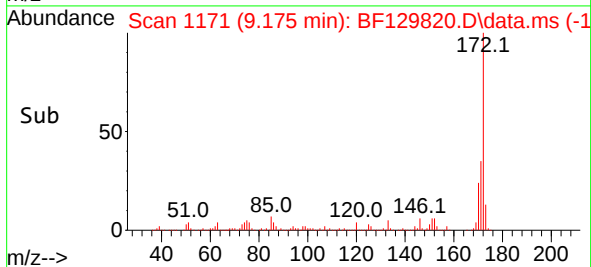
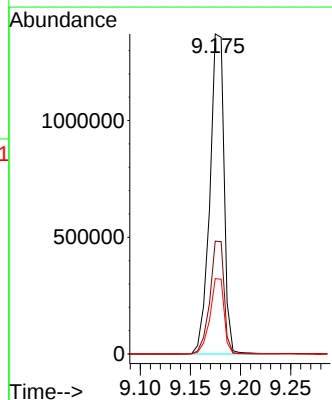
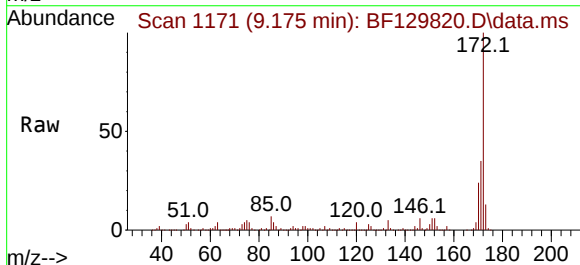
Tgt Ion:172 Resp: 1359551

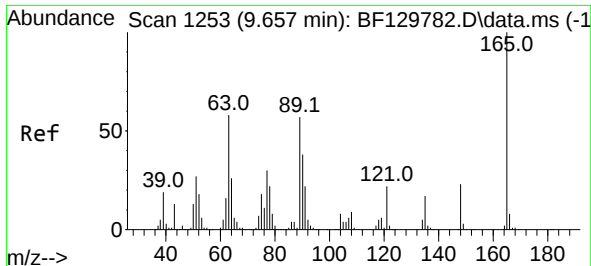
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.281 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.200 min

Lab File: BF129820.D

Acq: 16 Aug 2022 20:15

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ClientSampleId :

S11

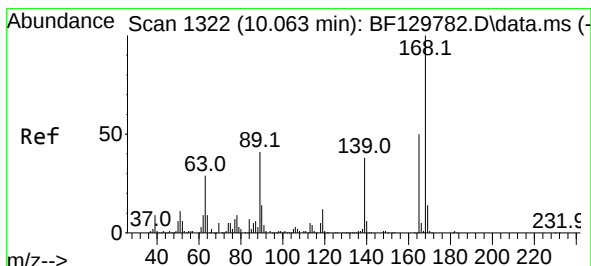
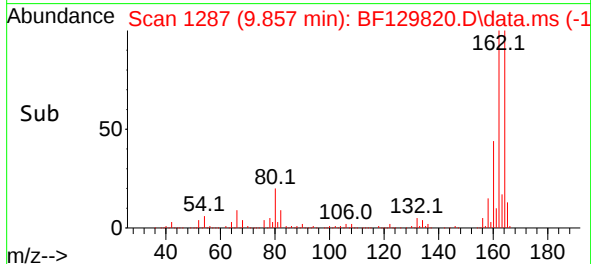
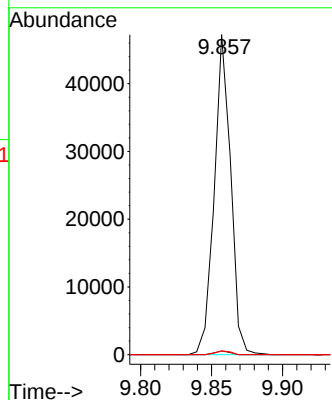
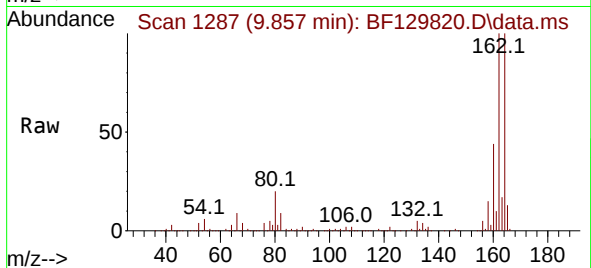
Tgt Ion:165 Resp: 37899

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.379 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.212 min

Lab File: BF129820.D

Acq: 16 Aug 2022 20:15

Tgt Ion:165 Resp: 37899

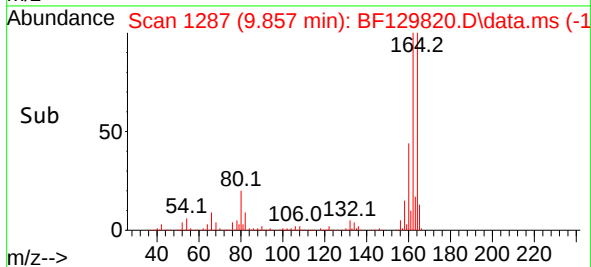
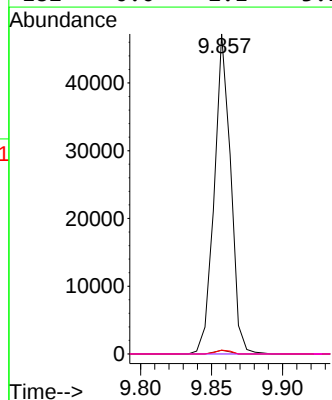
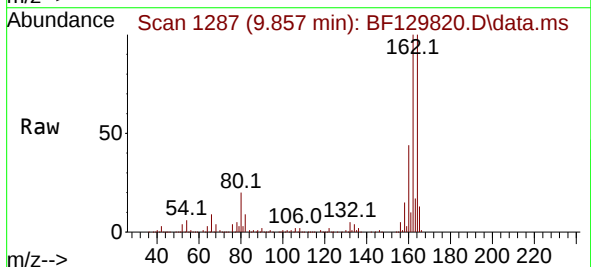
Ion Ratio Lower Upper

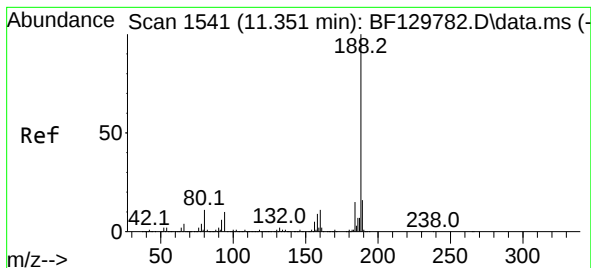
165 100

63 1.1 48.4 72.6#

89 1.2 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: BF129820.D

Acq: 16 Aug 2022 20:15

Instrument :

BNA_F

ClientSampleId :

S11

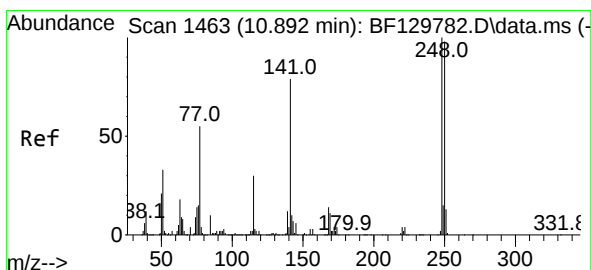
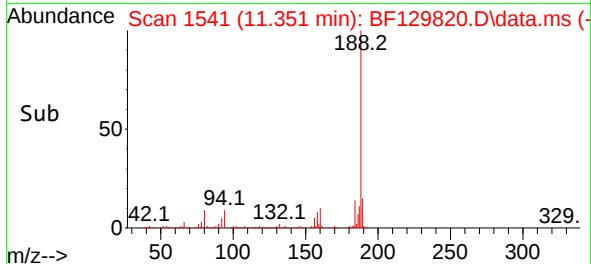
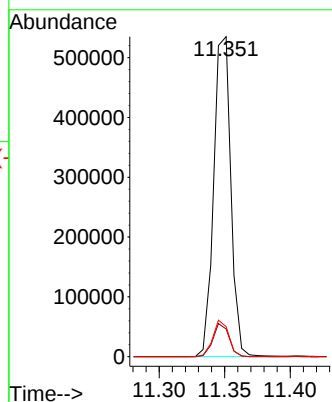
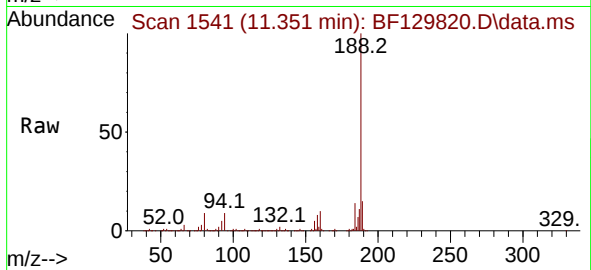
Tgt Ion:188 Resp: 486779

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.427 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.235 min

Lab File: BF129820.D

Acq: 16 Aug 2022 20:15

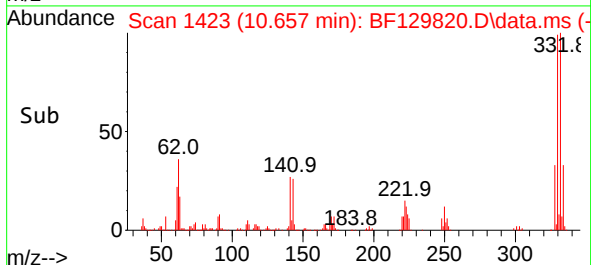
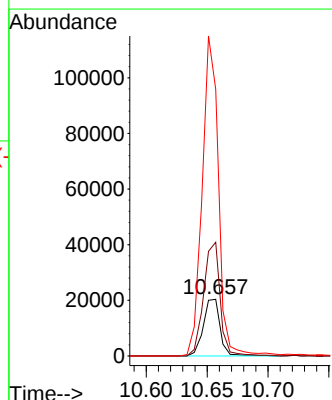
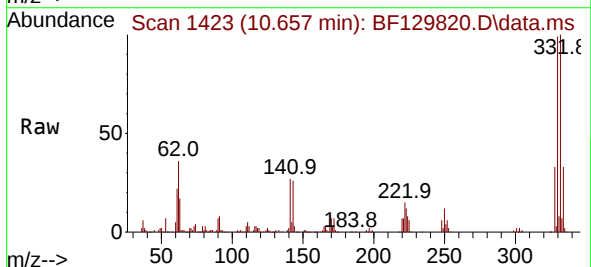
Tgt Ion:248 Resp: 19536

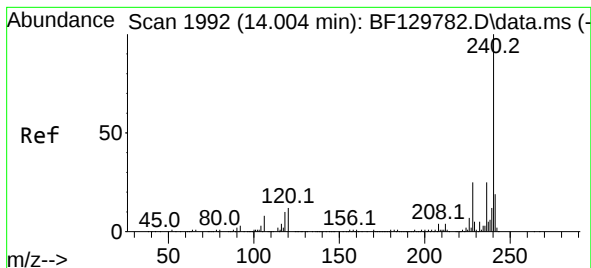
Ion Ratio Lower Upper

248 100

250 200.7 77.8 116.6#

141 470.2 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: BF129820.D

Acq: 16 Aug 2022 20:15

Instrument :

BNA_F

ClientSampleId :

S11

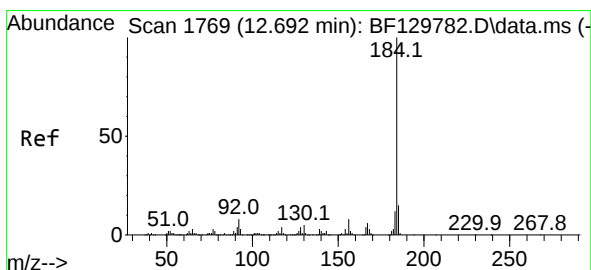
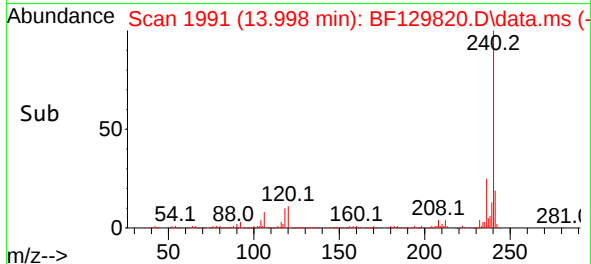
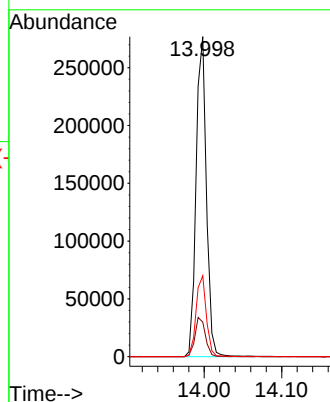
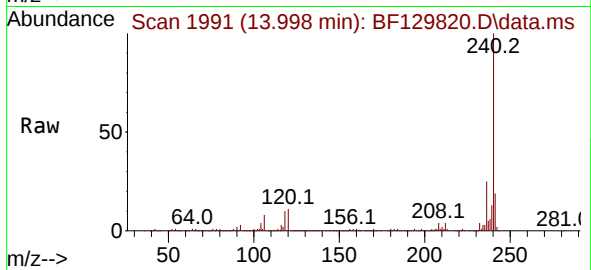
Tgt Ion:240 Resp: 255909

Ion Ratio Lower Upper

240 100

120 10.8 9.2 13.8

236 25.3 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.933 min Scan# 1810

Delta R.T. 0.241 min

Lab File: BF129820.D

Acq: 16 Aug 2022 20:15

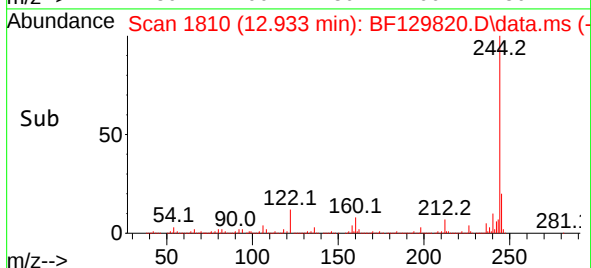
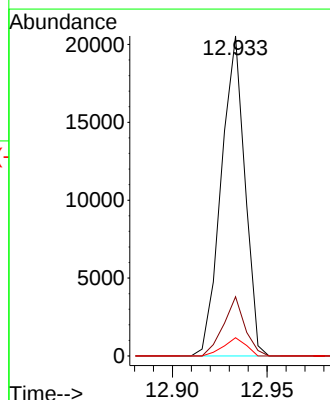
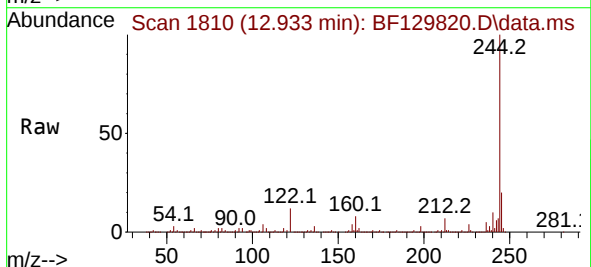
Tgt Ion:184 Resp: 17821

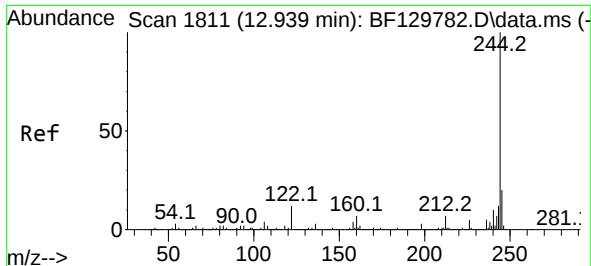
Ion Ratio Lower Upper

184 100

185 18.5 11.4 17.2#

183 5.7 9.4 14.2#

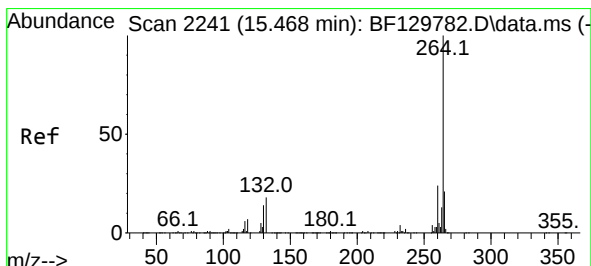
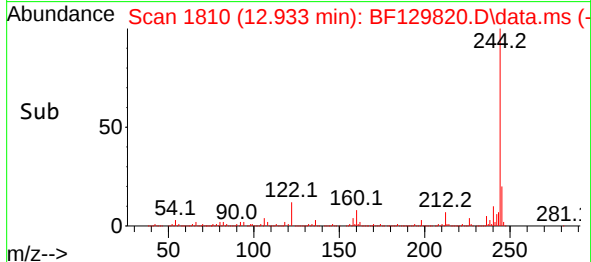
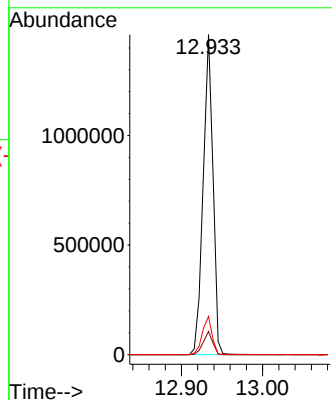
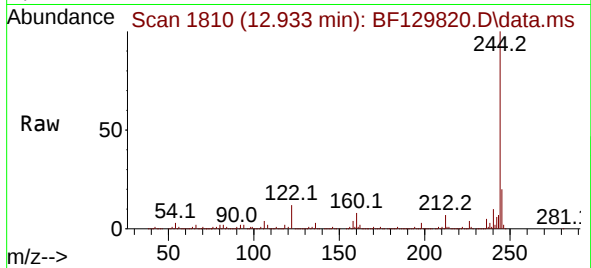




#79
 Terphenyl-d14
 Concen: 79.746 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129820.D
 Acq: 16 Aug 2022 20:15

Instrument :
 BNA_F
 ClientSampleId :
 S11

Tgt Ion:244 Resp: 1226475
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.9 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF129820.D
 Acq: 16 Aug 2022 20:15

Tgt Ion:264 Resp: 266930
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.7 16.7 25.1

