

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129885.D
 Acq On : 18 Aug 2022 20:15
 Operator : CG\JU
 Sample : N4200-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1

Quant Time: Aug 19 01:03:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

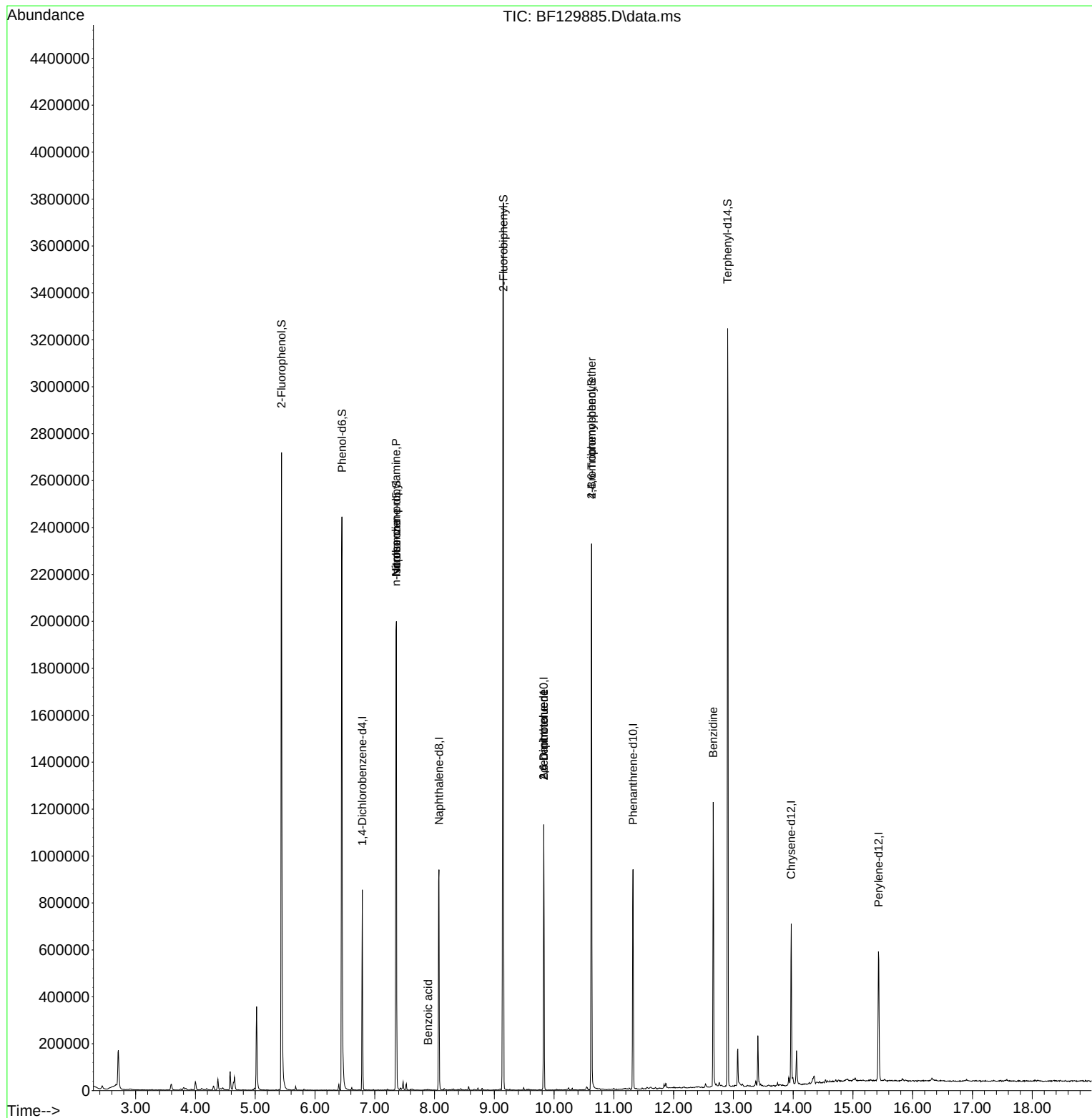
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	110306	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	436220	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	215789	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	322966	20.000	ng	0.00
76) Chrysene-d12	13.968	240	219880	20.000	ng	0.00
86) Perylene-d12	15.427	264	246067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	790819	118.702	ng	0.01
7) Phenol-d6	6.451	99	883384	105.884	ng	0.00
23) Nitrobenzene-d5	7.363	82	691779	84.893	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	263978	121.887	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1256009	88.403	ng	0.00
79) Terphenyl-d14	12.904	244	1117272	84.549	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	61	Below Cal	#	12
19) n-Nitroso-di-n-propyla...	7.357	70	92115	17.468	ng	# 77
25) Isophorone	7.363	82	691900	49.332	ng	# 65
32) Benzoic acid	7.892	122	1632	2.975	ng	# 67
51) 2,6-Dinitrotoluene	9.827	165	27747	8.269	ng	# 23
57) 2,4-Dinitrotoluene	9.827	165	27747	6.370	ng	# 18
67) 4-Bromophenyl-phenylether	10.627	248	17084	4.516	ng	# 1
77) Benzidine	12.663	184	425666	85.474	ng	99

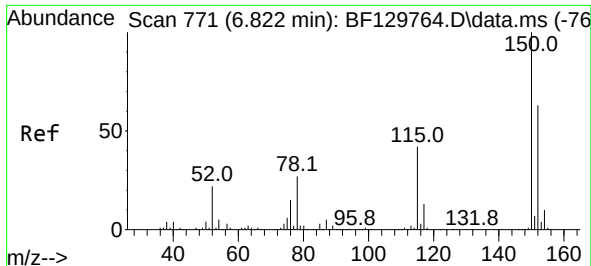
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
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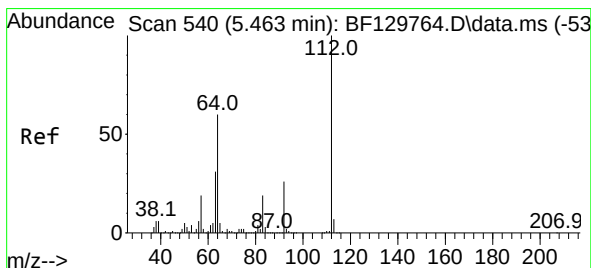
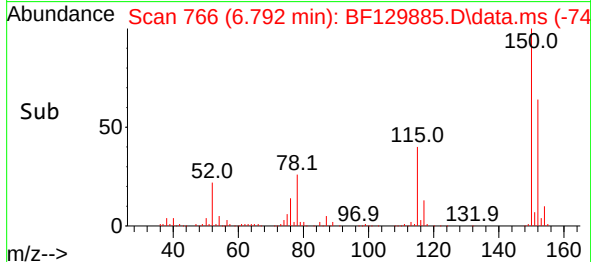
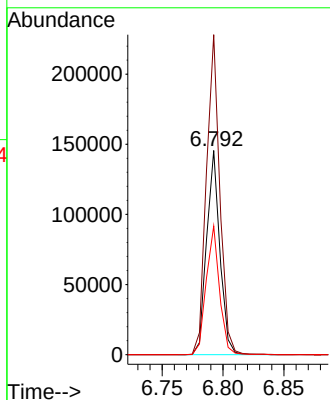
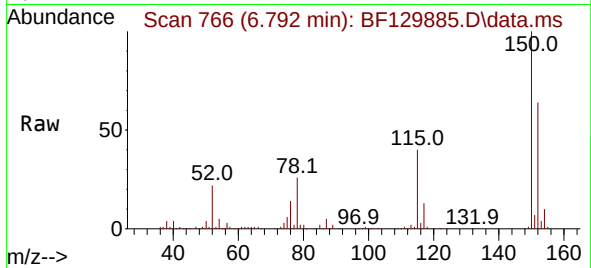




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

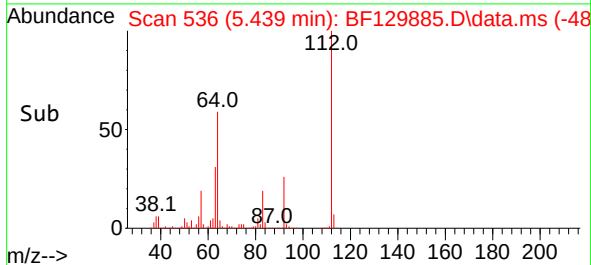
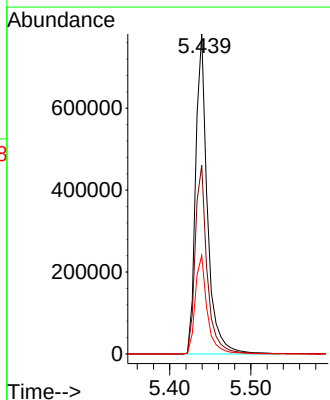
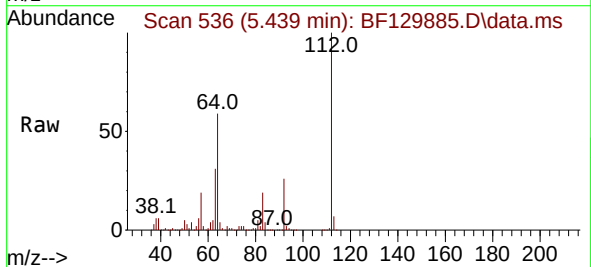
Instrument :
BNA_F
ClientSampleId :
S1

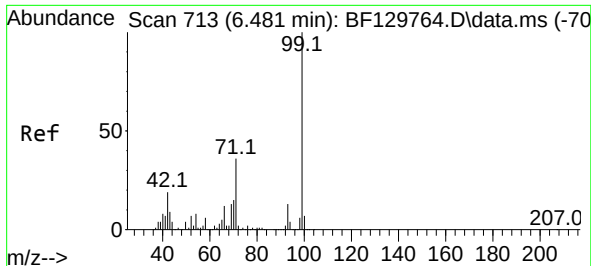
Tgt Ion:152 Resp: 110306
Ion Ratio Lower Upper
152 100
150 156.8 126.9 190.3
115 63.0 53.4 80.0



#5
2-Fluorophenol
Concen: 118.702 ng
RT: 5.439 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

Tgt Ion:112 Resp: 790819
Ion Ratio Lower Upper
112 100
64 59.0 47.6 71.4
63 30.8 24.6 37.0

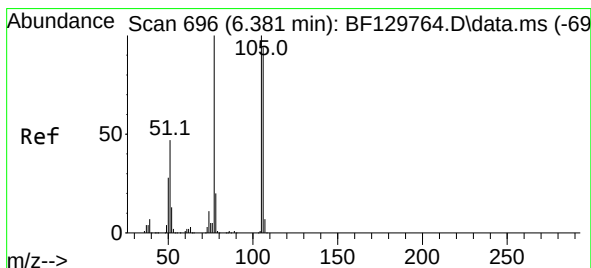
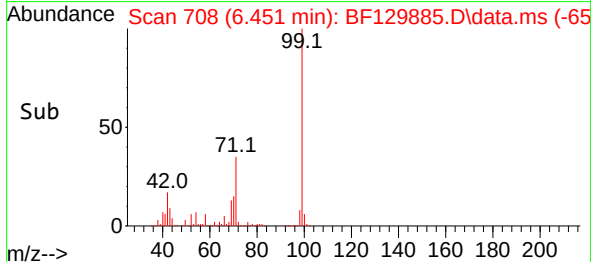
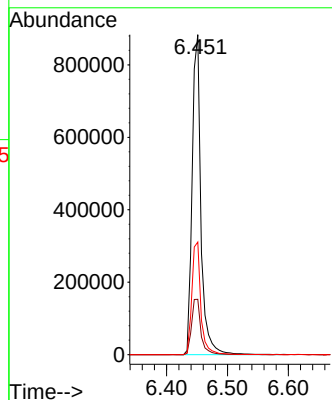
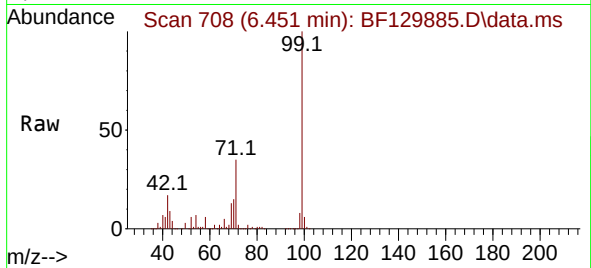




#7
Phenol-d6
Concen: 105.884 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

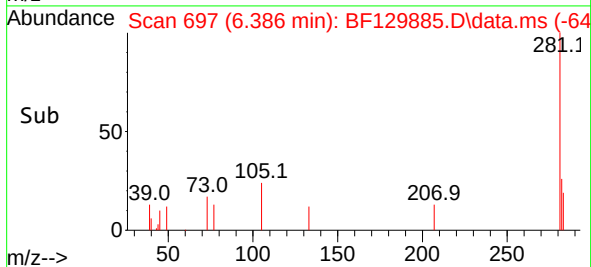
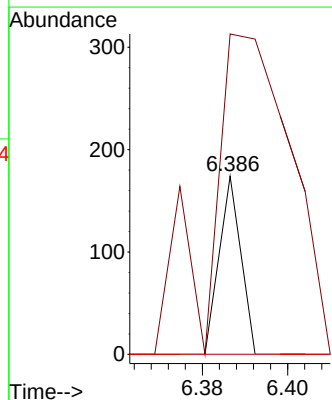
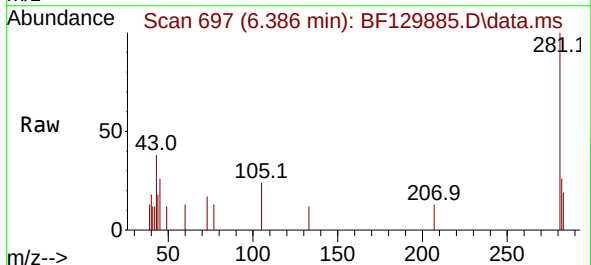
Instrument :
BNA_F
ClientSampleId :
S1

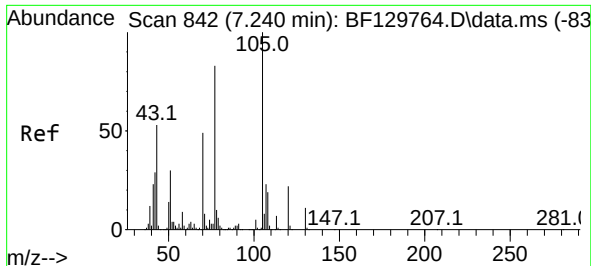
Tgt Ion: 99 Resp: 883384
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.4
71 35.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.386 min Scan# 697
Delta R.T. 0.035 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
105 179.9 80.3 120.3#
106 0.0 74.3 114.3#

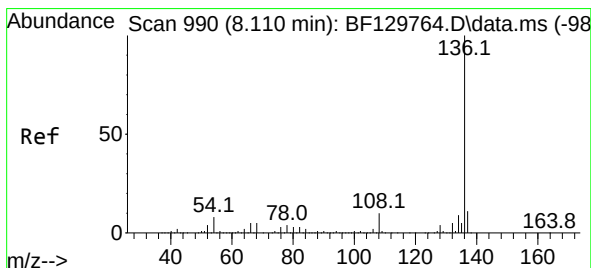
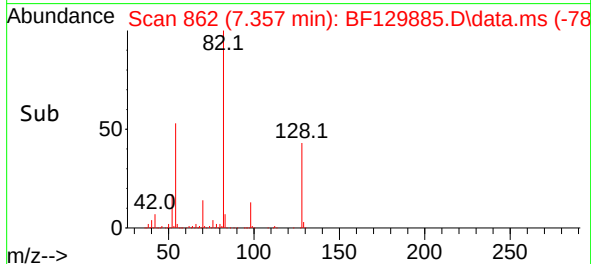
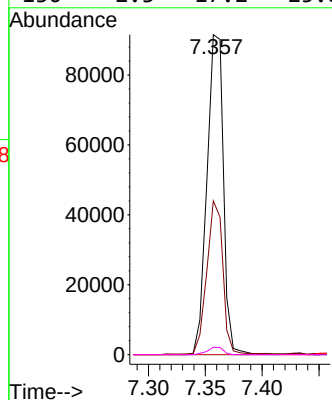
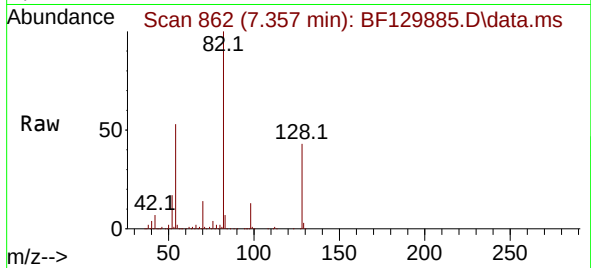




#19
n-Nitroso-di-n-propylamine
Concen: 17.468 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

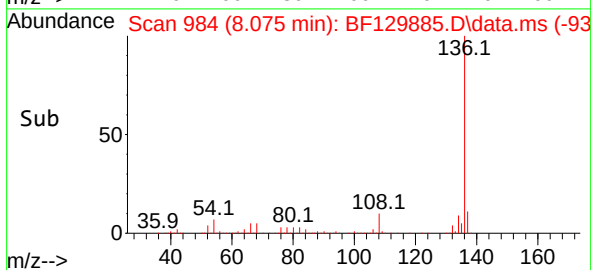
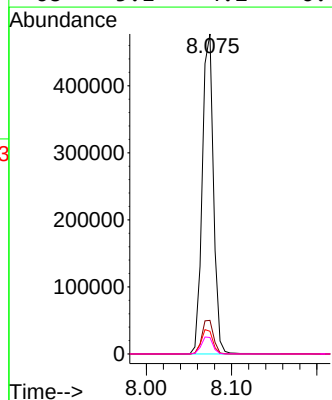
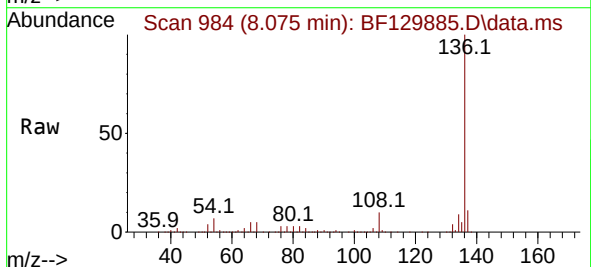
Instrument :
BNA_F
ClientSampleId :
S1

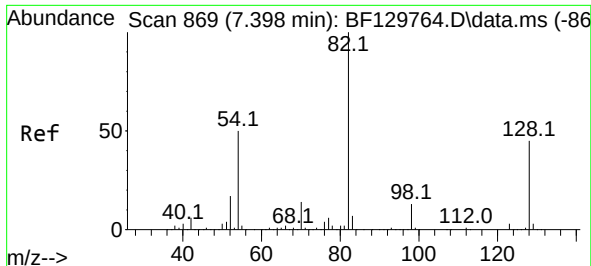
Tgt Ion: 70 Resp: 92115
Ion Ratio Lower Upper
70 100
42 48.0 47.6 71.4
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

Tgt Ion: 136 Resp: 436220
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.1 6.2 9.2
68 5.1 4.2 6.4

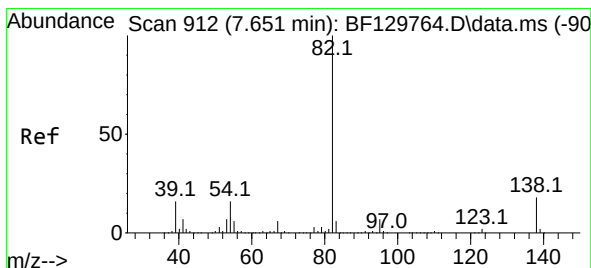
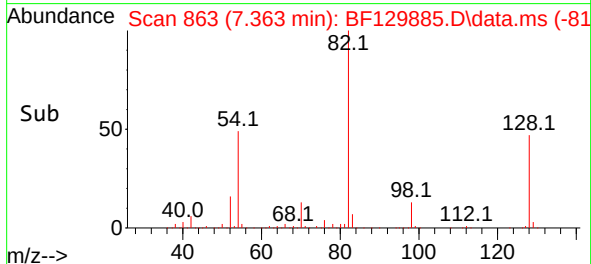
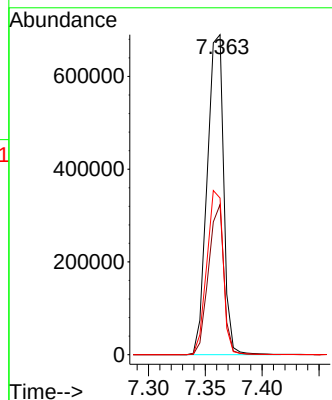
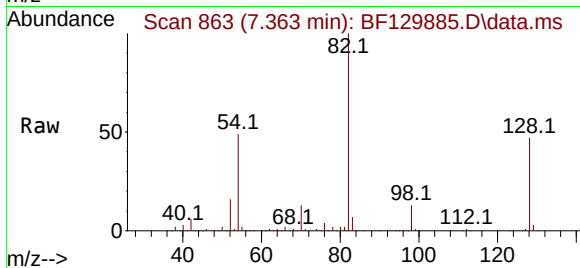




#23
Nitrobenzene-d5
Concen: 84.893 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

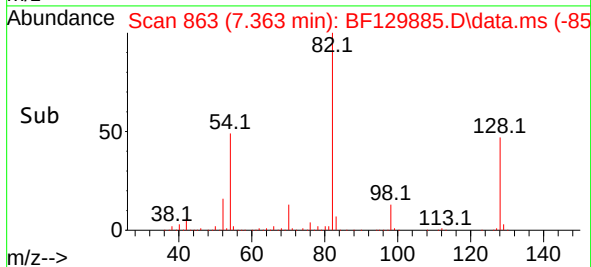
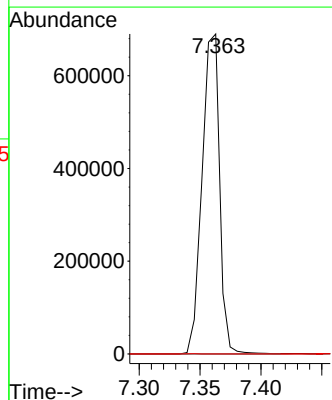
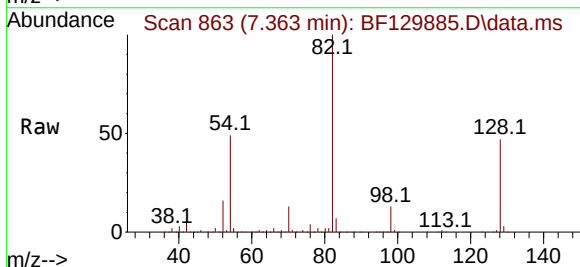
Instrument :
BNA_F
ClientSampleId :
S1

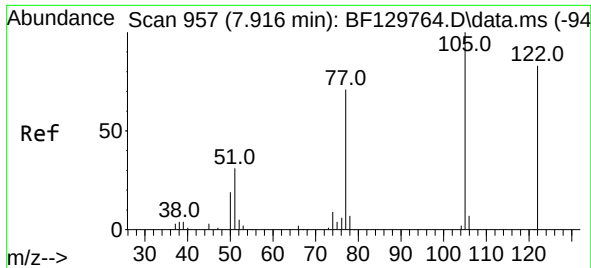
Tgt Ion: 82 Resp: 691779
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 49.0 40.0 60.0



#25
Isophorone
Concen: 49.332 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

Tgt Ion: 82 Resp: 691900
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

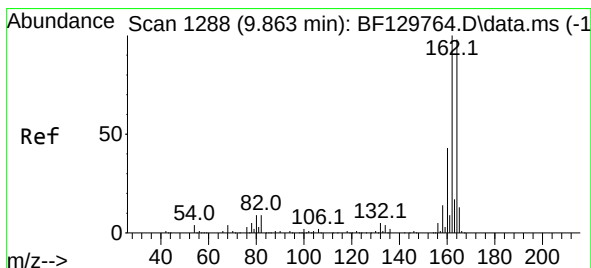
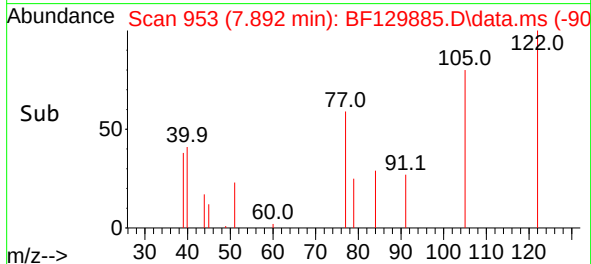
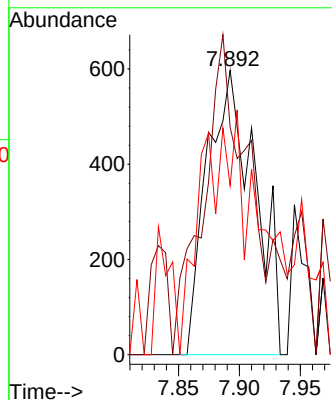
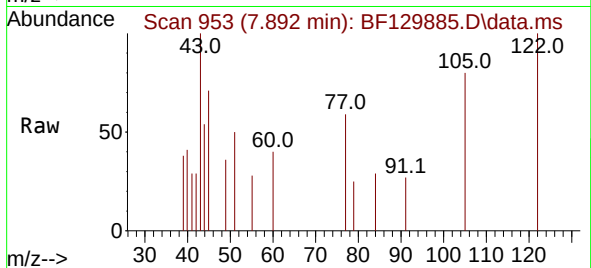




#32
Benzoic acid
Concen: 2.975 ng
RT: 7.892 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

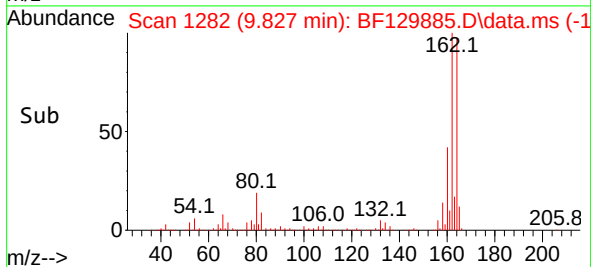
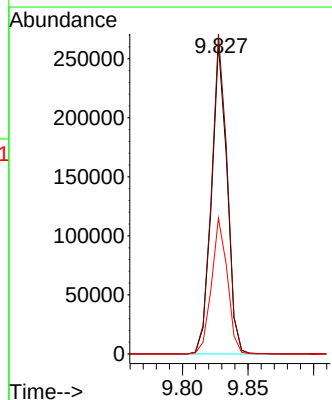
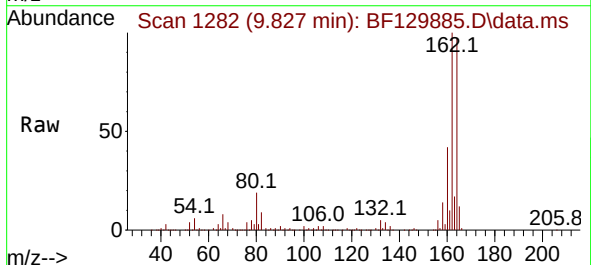
Instrument :
BNA_F
ClientSampleId :
S1

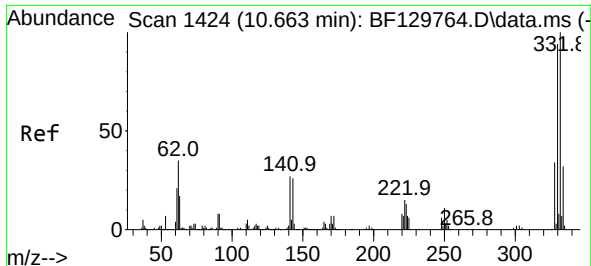
Tgt Ion:122 Resp: 1632
Ion Ratio Lower Upper
122 100
105 80.1 99.9 139.9#
77 59.5 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

Tgt Ion:164 Resp: 215789
Ion Ratio Lower Upper
164 100
162 103.4 82.0 123.0
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 121.887 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129885.D

Acq: 18 Aug 2022 20:15

Instrument :

BNA_F

ClientSampleId :

S1

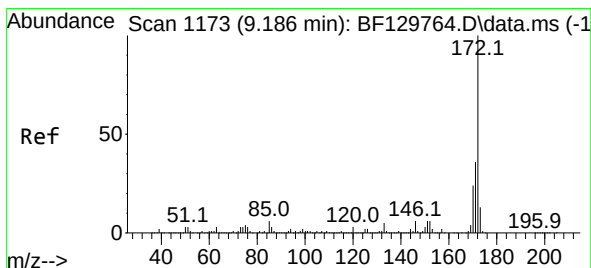
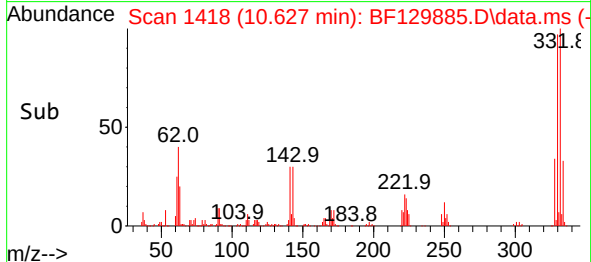
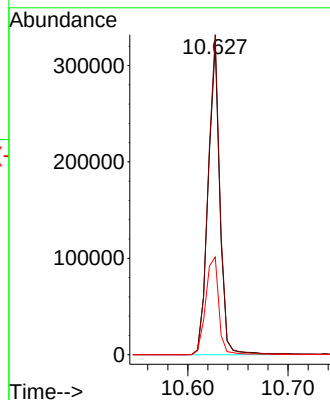
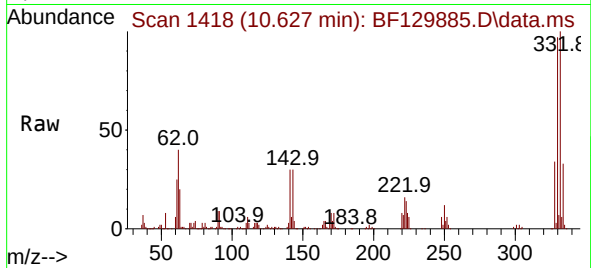
Tgt Ion:330 Resp: 263978

Ion Ratio Lower Upper

330 100

332 103.3 82.6 124.0

141 35.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 88.403 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129885.D

Acq: 18 Aug 2022 20:15

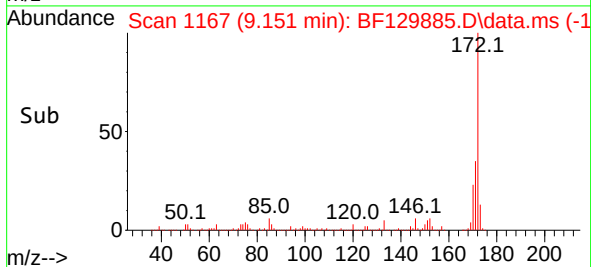
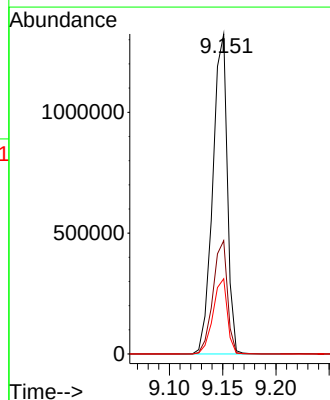
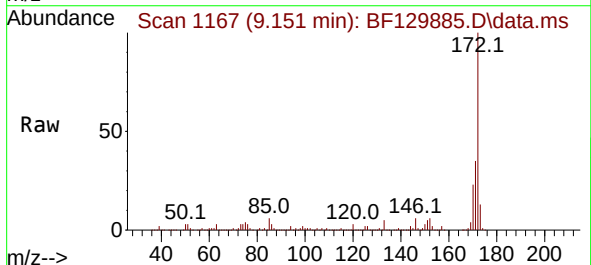
Tgt Ion:172 Resp: 1256009

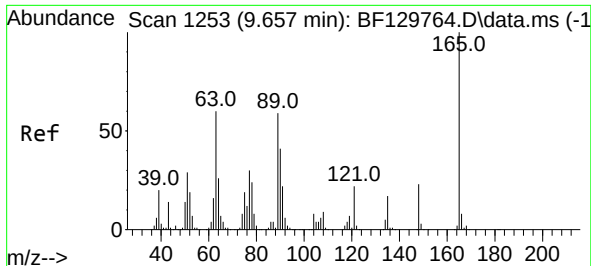
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 19.1 28.7

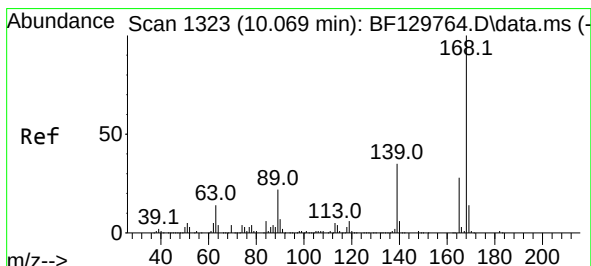
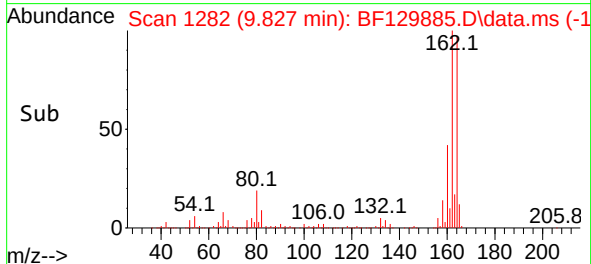
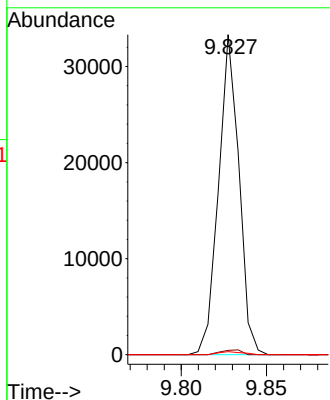
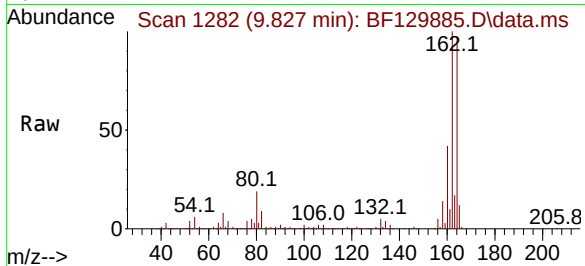




#51
2,6-Dinitrotoluene
Concen: 8.269 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

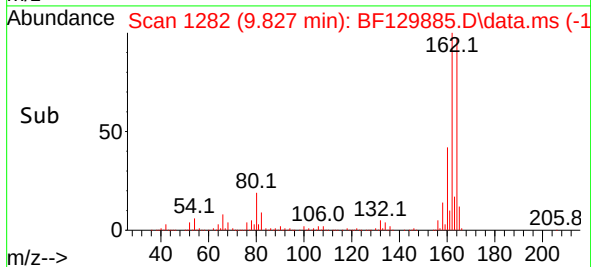
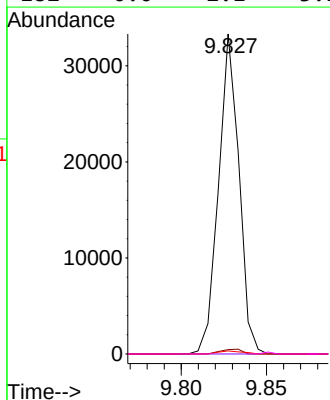
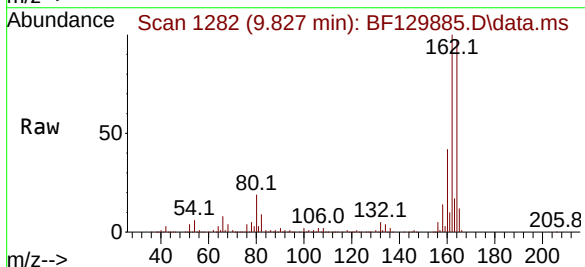
Instrument :
BNA_F
ClientSampleId :
S1

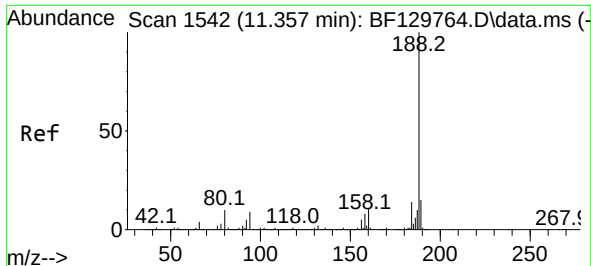
Tgt Ion:165 Resp: 27747
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 0.9 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.370 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

Tgt Ion:165 Resp: 27747
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 0.9 62.3 93.5#
182 0.0 2.1 3.1#

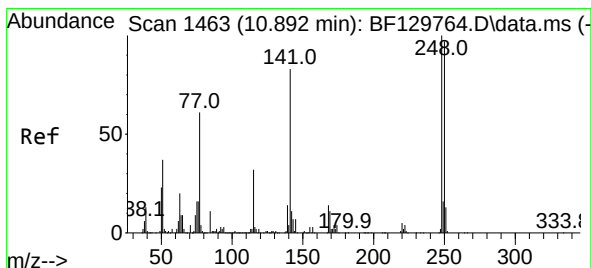
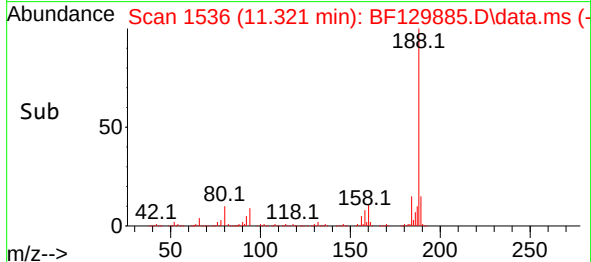
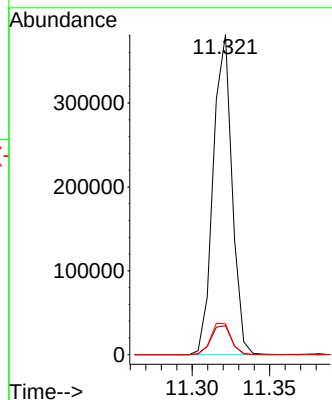
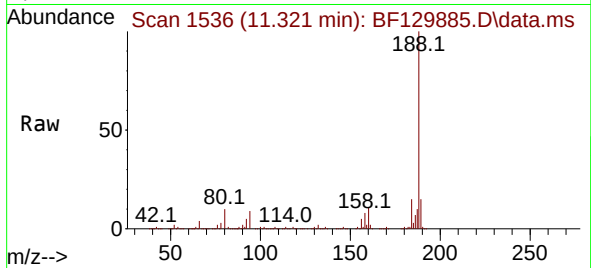




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

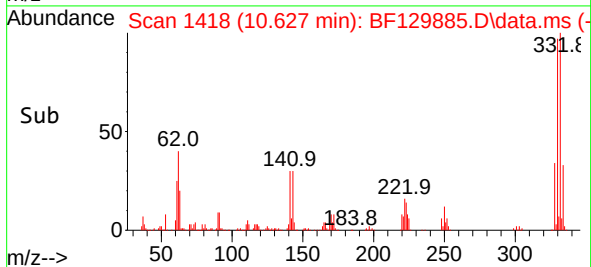
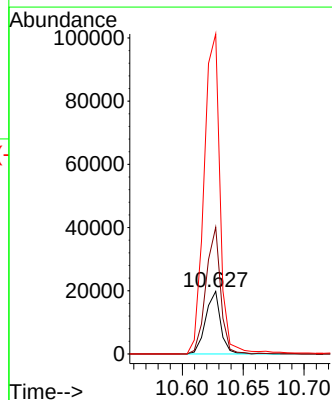
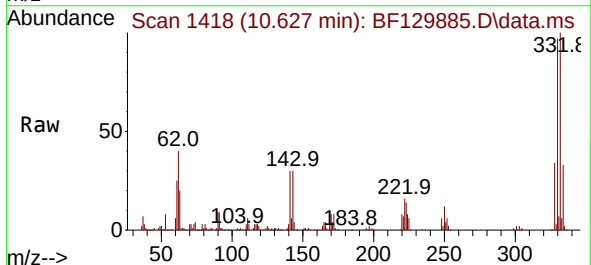
Instrument :
BNA_F
ClientSampleId :
S1

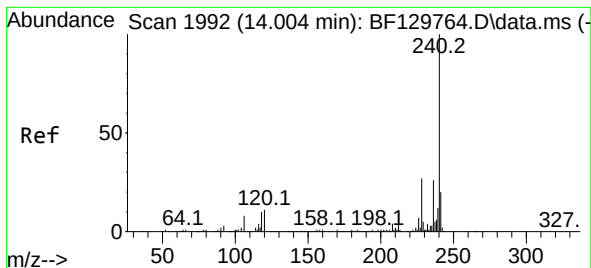
Tgt Ion:188 Resp: 322966
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.7 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.516 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.235 min
Lab File: BF129885.D
Acq: 18 Aug 2022 20:15

Tgt Ion:248 Resp: 17084
Ion Ratio Lower Upper
248 100
250 202.6 77.8 116.6#
141 511.6 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129885.D

Acq: 18 Aug 2022 20:15

Instrument :

BNA_F

ClientSampleId :

S1

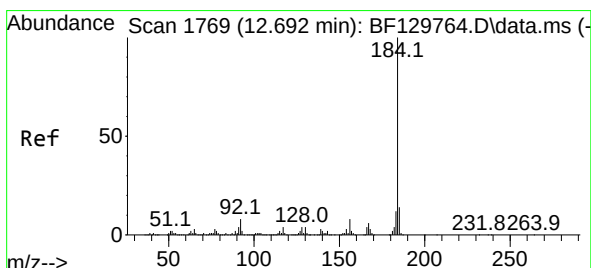
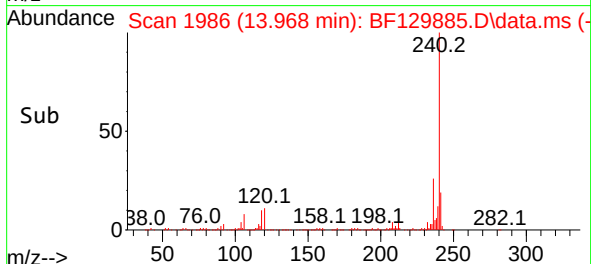
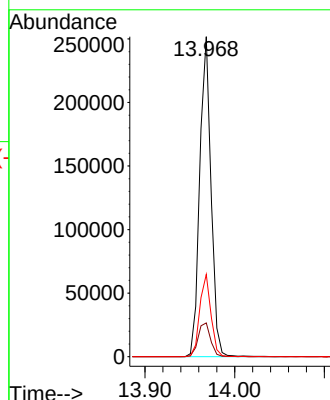
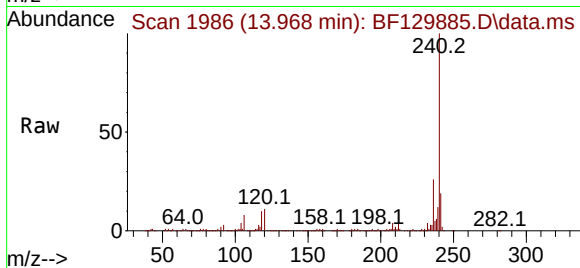
Tgt Ion:240 Resp: 219880

Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

236 25.7 20.7 31.1



#77

Benidine

Concen: 85.474 ng

RT: 12.663 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BF129885.D

Acq: 18 Aug 2022 20:15

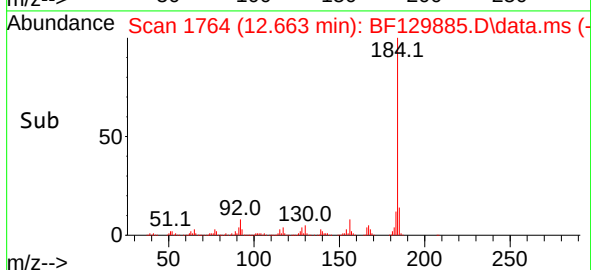
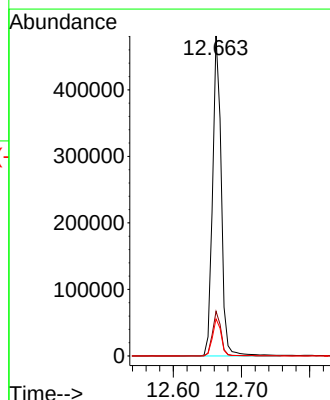
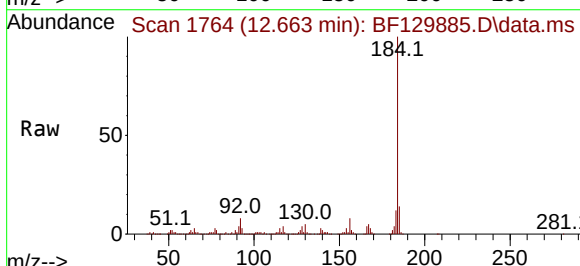
Tgt Ion:184 Resp: 425666

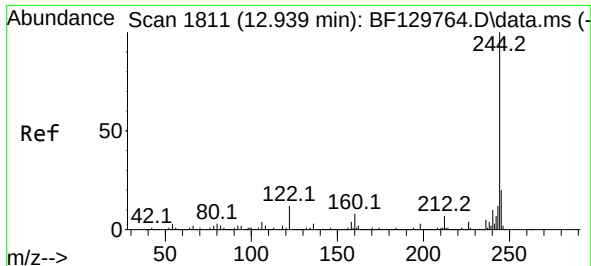
Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.2

183 11.6 9.4 14.2

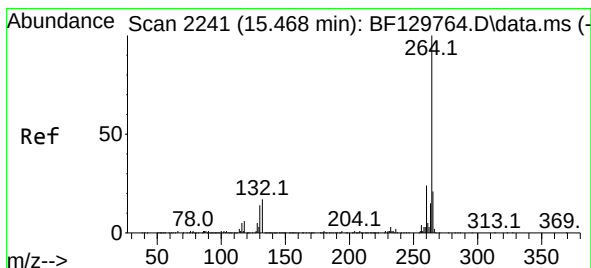
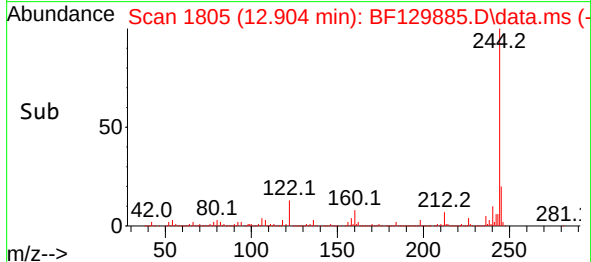
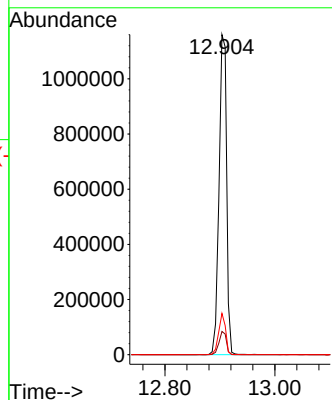
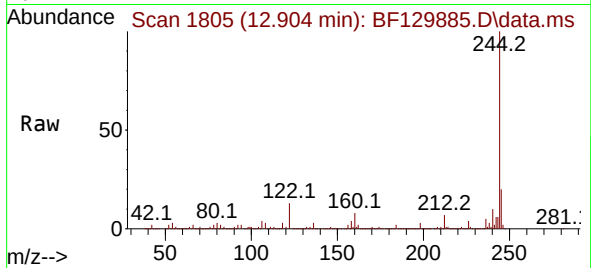




#79
 Terphenyl-d14
 Concen: 84.549 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.006 min
 Lab File: BF129885.D
 Acq: 18 Aug 2022 20:15

Instrument :
 BNA_F
 ClientSampleId :
 S1

Tgt Ion:244 Resp: 1117272
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.9 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2234
 Delta R.T. 0.000 min
 Lab File: BF129885.D
 Acq: 18 Aug 2022 20:15

Tgt Ion:264 Resp: 246067
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.4 16.7 25.1

