

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129789.D
 Acq On : 15 Aug 2022 19:43
 Operator : CG\JU
 Sample : N4197-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-203-IDWSO-20220811-2

Quant Time: Aug 16 03:17:35 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)

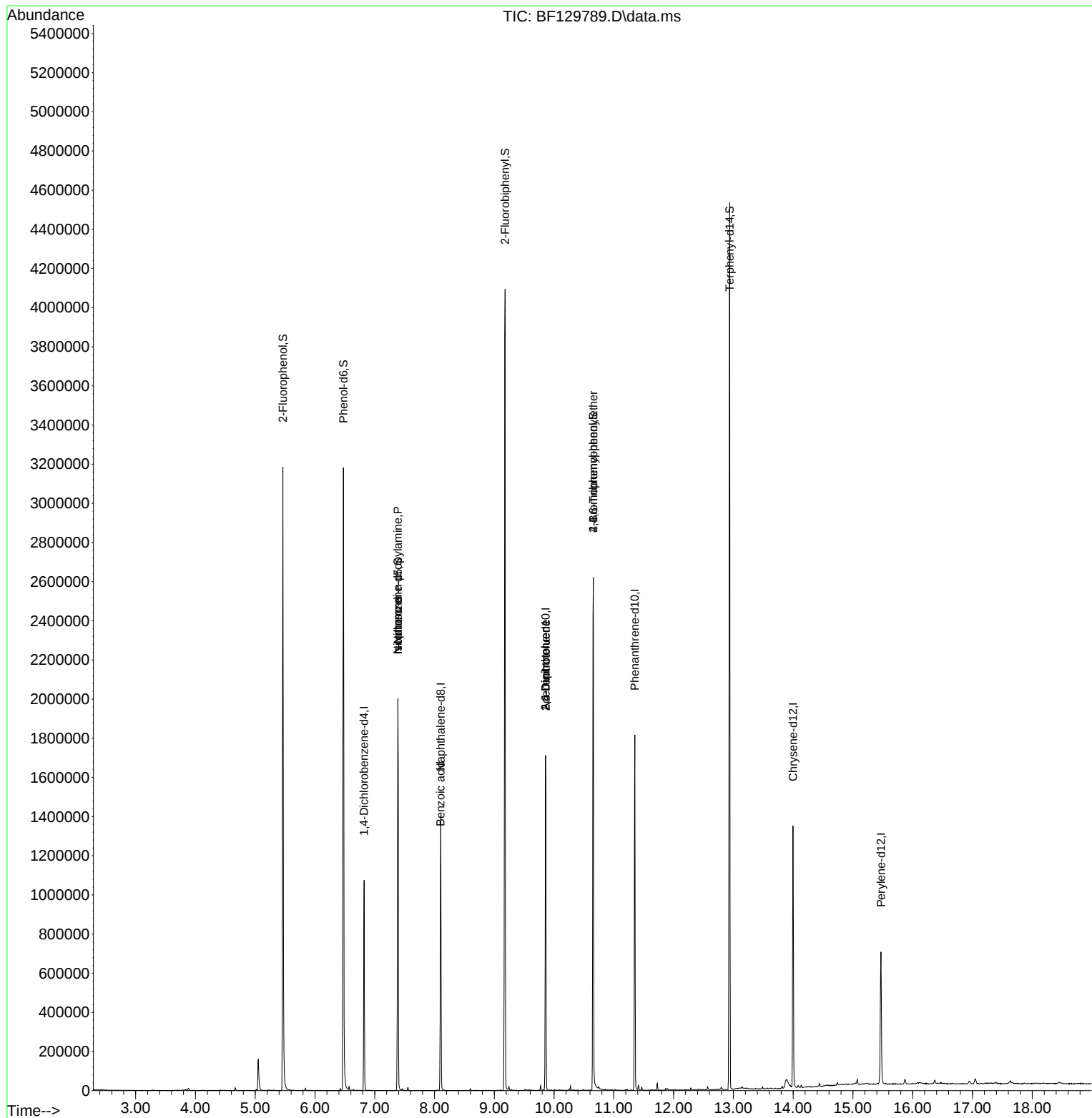
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	154079	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	632077	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	354768	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	624845	20.000	ng	0.00
76) Chrysene-d12	13.998	240	426919	20.000	ng	0.00
86) Perylene-d12	15.468	264	308651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	853646	91.731	ng	0.00
7) Phenol-d6	6.475	99	1073708	92.135	ng	0.00
23) Nitrobenzene-d5	7.386	82	685266	58.037	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	324814	91.224	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1344063	57.541	ng	0.00
79) Terphenyl-d14	12.939	244	1571678	61.257	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	173	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.386	70	90371	12.268	ng	# 77
25) Isophorone	7.386	82	685257	33.719	ng	# 65
32) Benzoic acid	8.098	122	149	2.201	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	44721	8.106	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	44721	6.245	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	20217	2.762	ng	# 1
77) Benzidine	12.939	184	22382	Below Cal	#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129789.D
Acq On : 15 Aug 2022 19:43
Operator : CG\JU
Sample : N4197-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

Quant Time: Aug 16 03:17:35 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

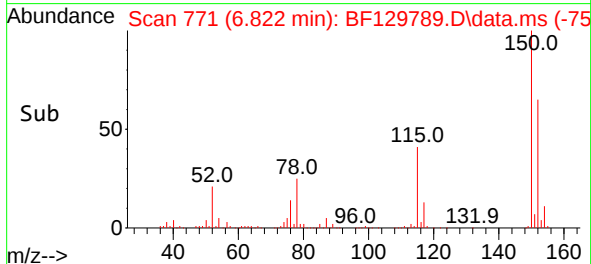
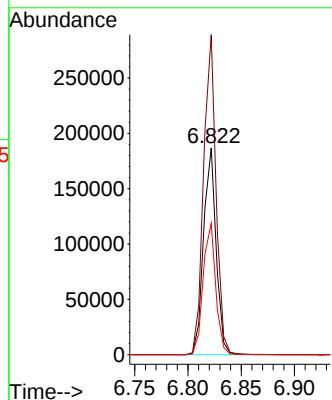
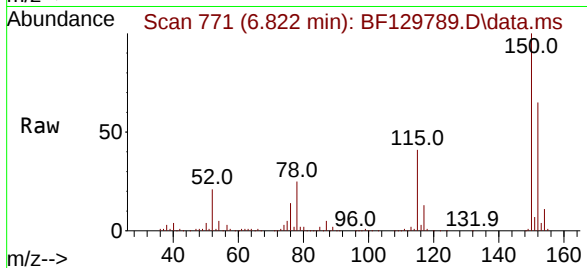




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

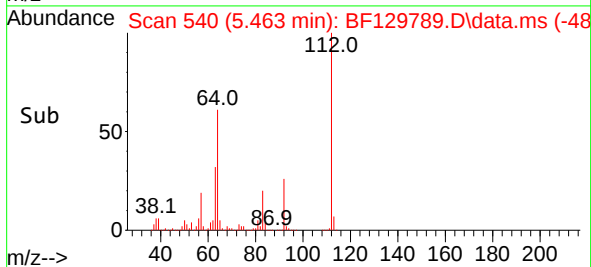
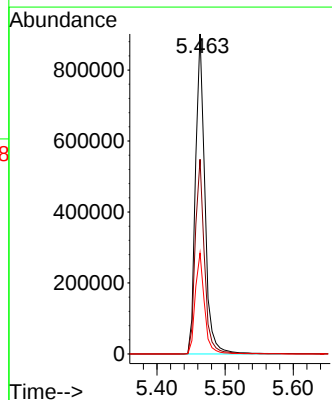
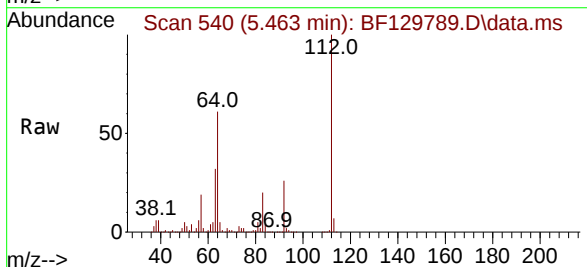
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

Tgt Ion:152 Resp: 154079
Ion Ratio Lower Upper
152 100
150 154.8 126.9 190.3
115 63.5 53.4 80.0



#5
2-Fluorophenol
Concen: 91.731 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

Tgt Ion:112 Resp: 853646
Ion Ratio Lower Upper
112 100
64 60.8 47.6 71.4
63 31.6 24.6 37.0

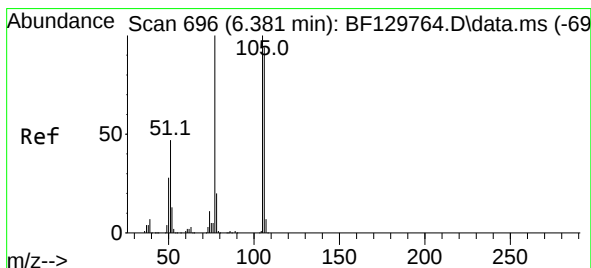
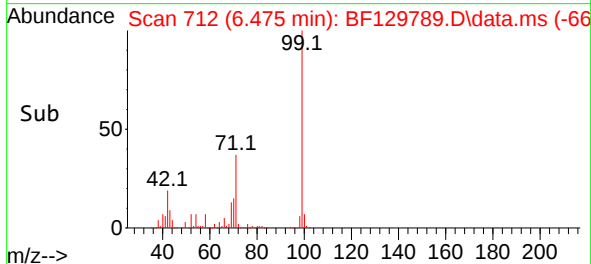
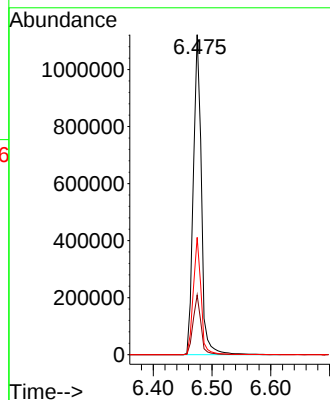
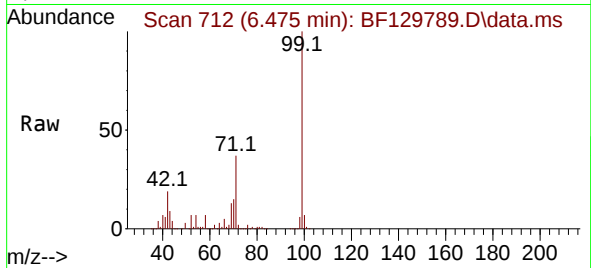




#7
Phenol-d6
Concen: 92.135 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

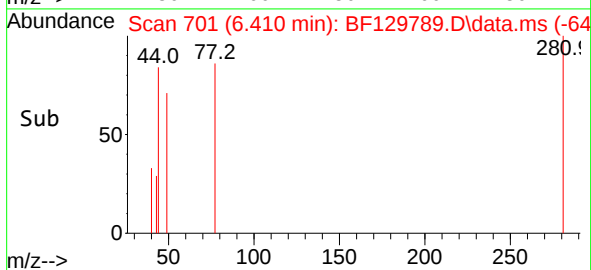
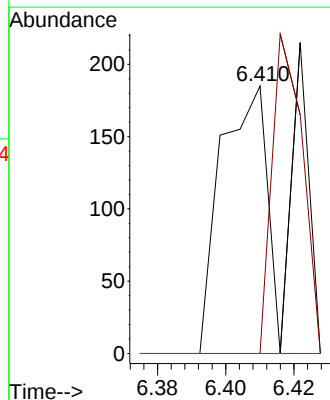
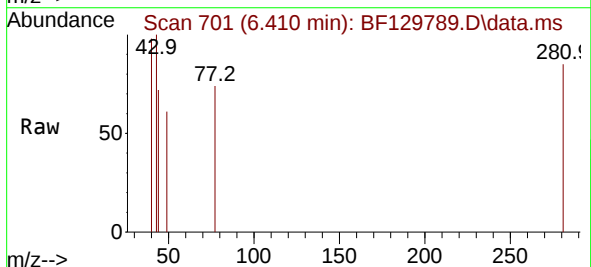
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

Tgt Ion: 99 Resp: 1073708
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 36.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.029 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

Tgt Ion: 77 Resp: 173
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

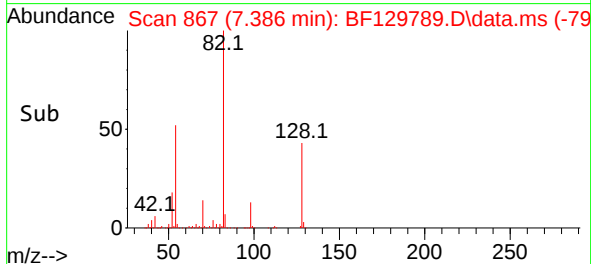
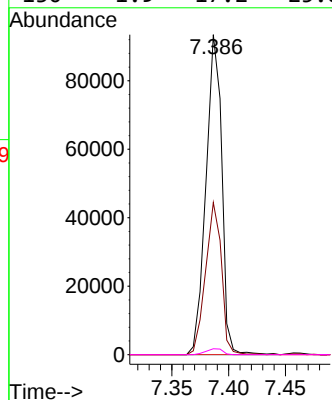
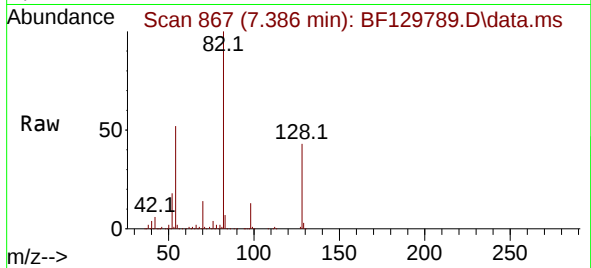




#19
n-Nitroso-di-n-propylamine
Concen: 12.268 ng
RT: 7.386 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

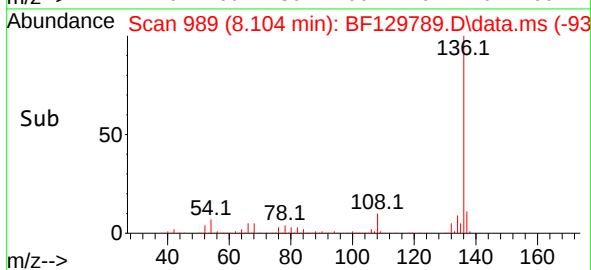
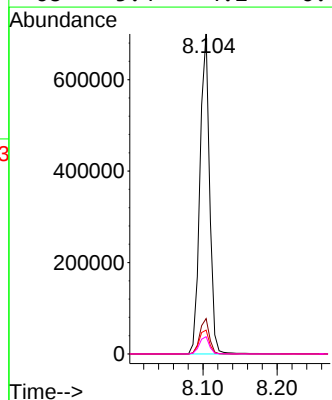
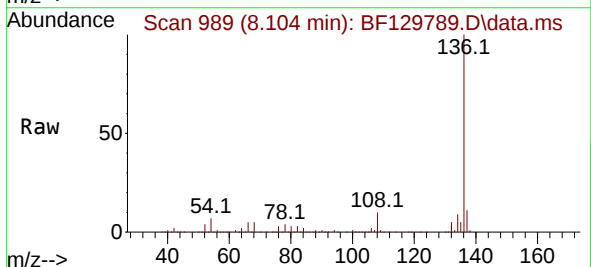
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

Tgt Ion: 70 Resp: 90371
Ion Ratio Lower Upper
70 100
42 47.5 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 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: BF129789.D
Acq: 15 Aug 2022 19:43

Tgt Ion: 136 Resp: 632077
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.4 6.2 9.2
68 5.4 4.2 6.4

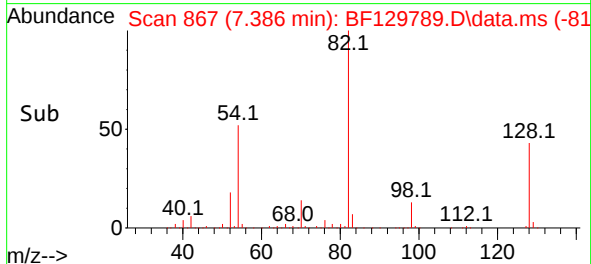
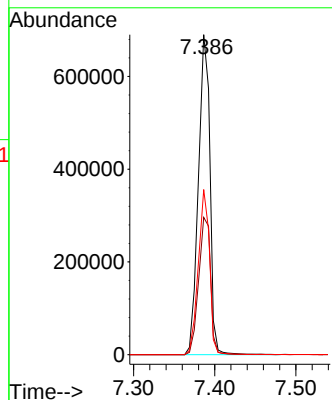
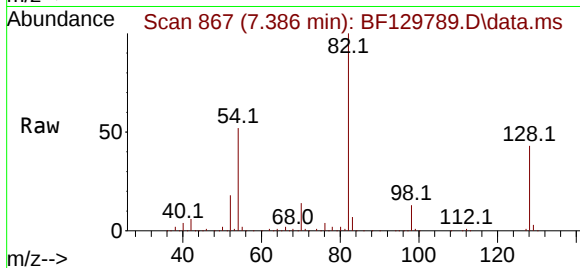




#23
Nitrobenzene-d5
Concen: 58.037 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

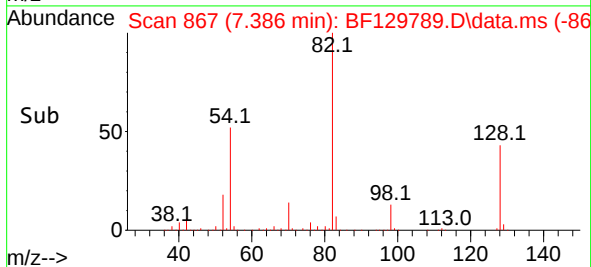
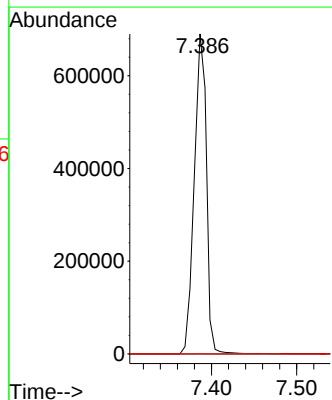
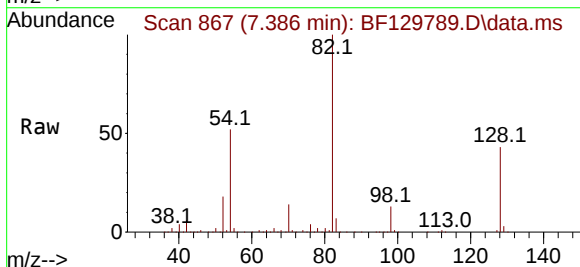
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

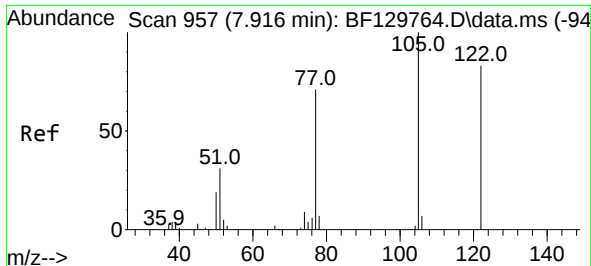
Tgt Ion: 82 Resp: 685266
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 51.6 40.0 60.0



#25
Isophorone
Concen: 33.719 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.265 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

Tgt Ion: 82 Resp: 685257
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

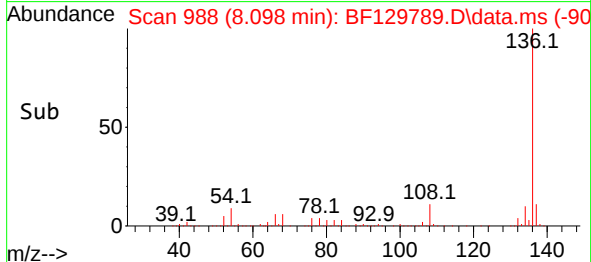
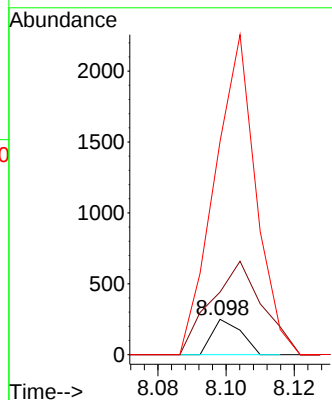
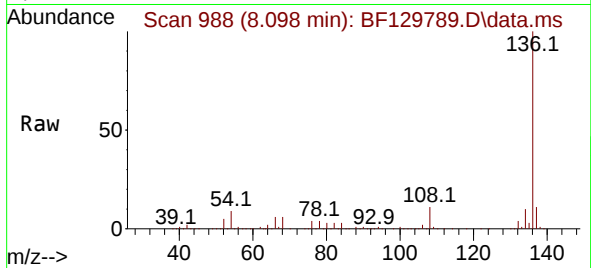




#32
Benzoic acid
Concen: 2.201 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

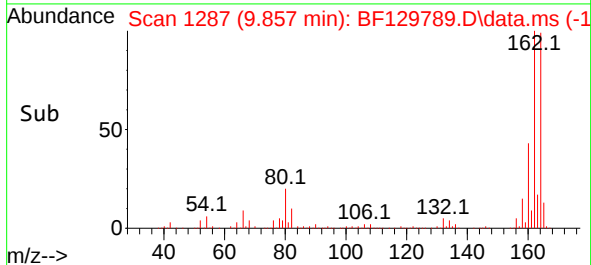
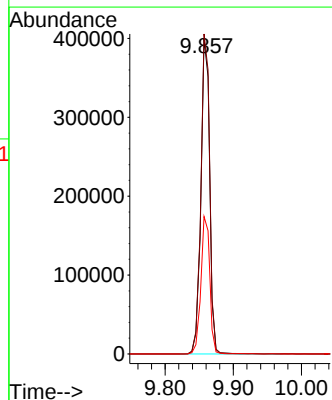
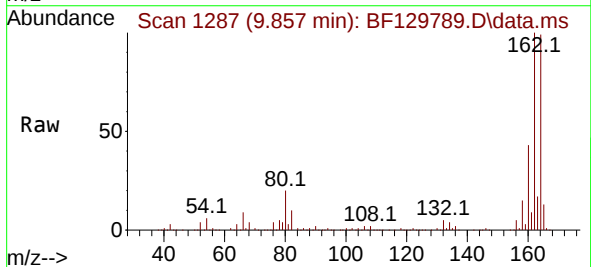
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

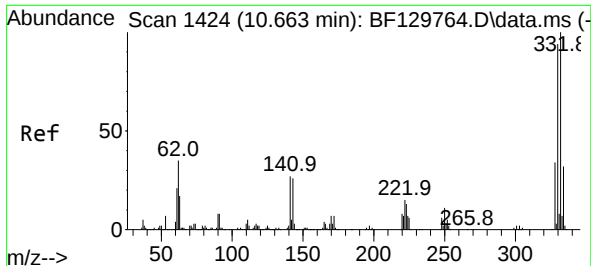
Tgt Ion:122 Resp: 149
Ion Ratio Lower Upper
122 100
105 177.1 99.9 139.9#
77 603.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

Tgt Ion:164 Resp: 354768
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 91.224 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129789.D

Acq: 15 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

TT-203-IDWSO-20220811-2

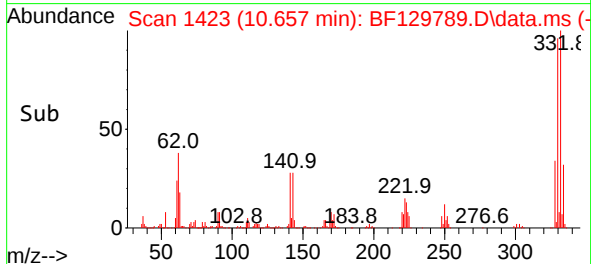
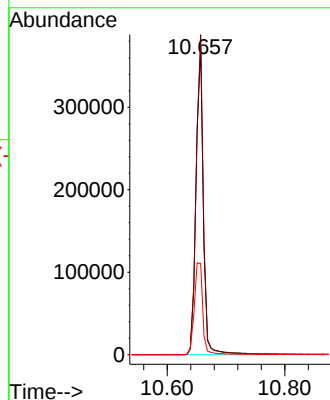
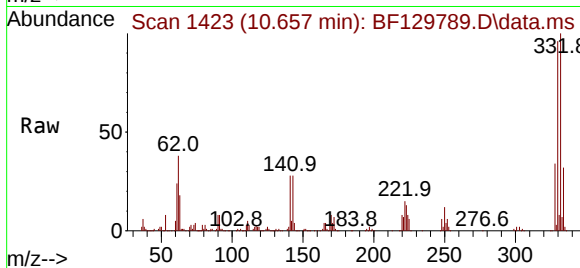
Tgt Ion:330 Resp: 324814

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 34.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 57.541 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129789.D

Acq: 15 Aug 2022 19:43

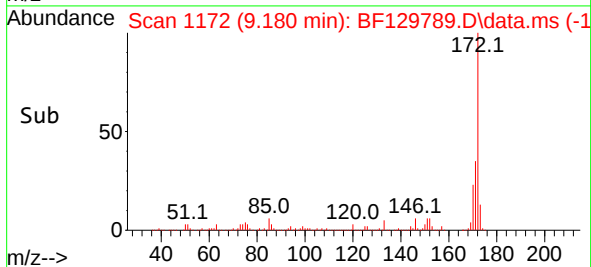
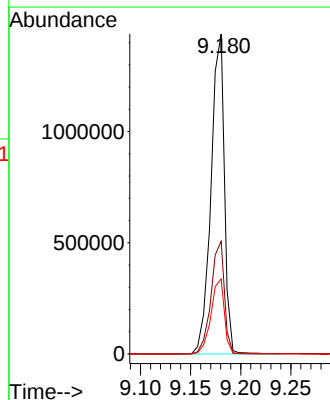
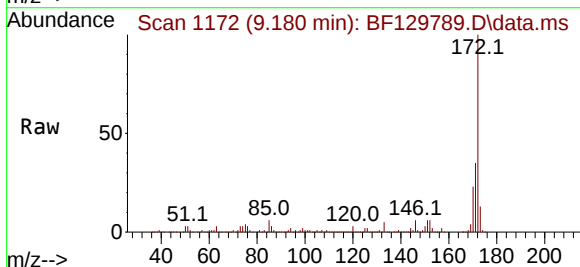
Tgt Ion:172 Resp: 1344063

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 19.1 28.7

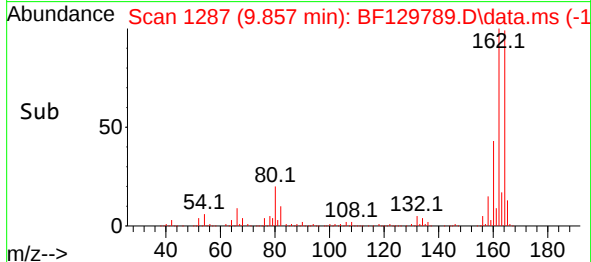
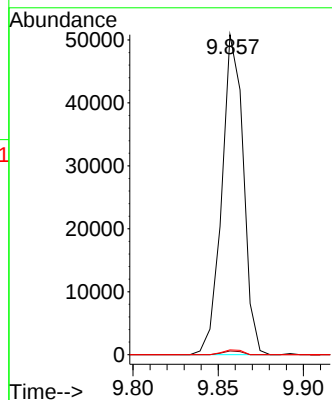
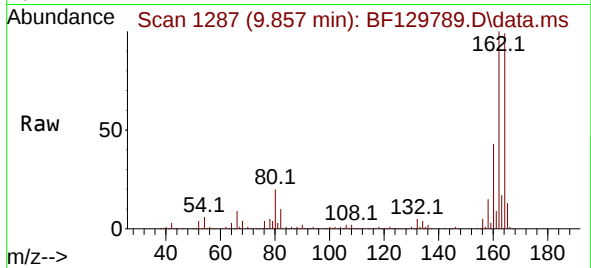




#51
2,6-Dinitrotoluene
Concen: 8.106 ng
RT: 9.857 min Scan# 1253
Delta R.T. 0.200 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

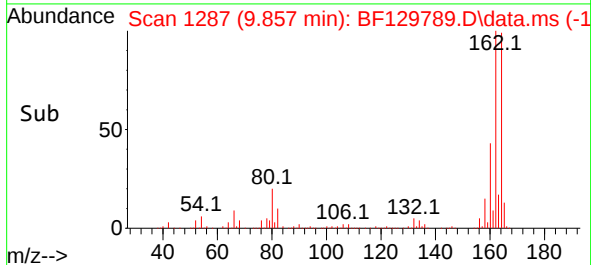
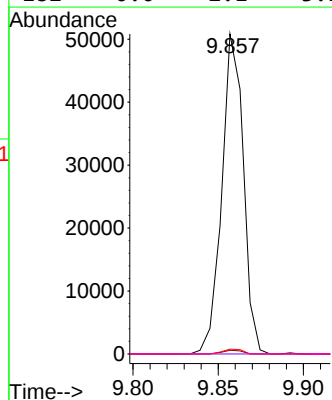
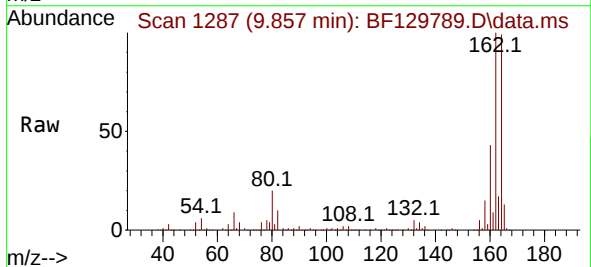
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

Tgt Ion:165 Resp: 44721
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.5 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.245 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

Tgt Ion:165 Resp: 44721
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#

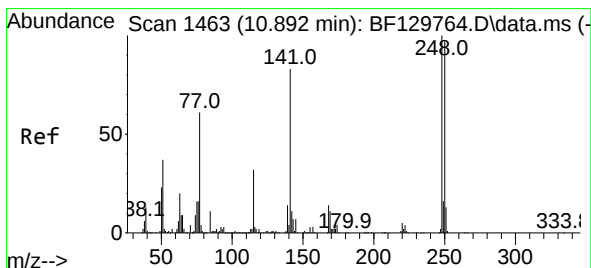
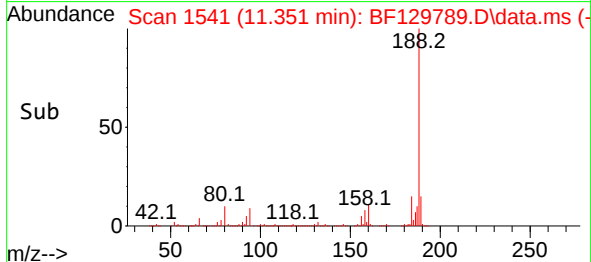
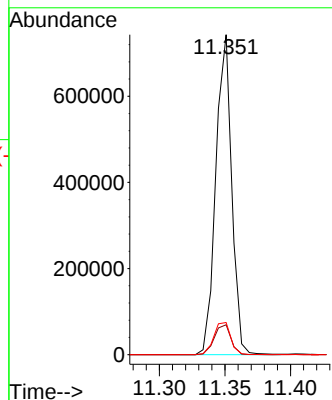
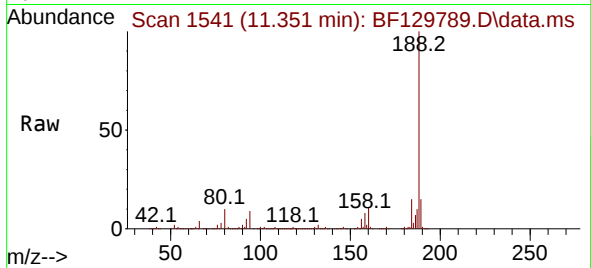




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

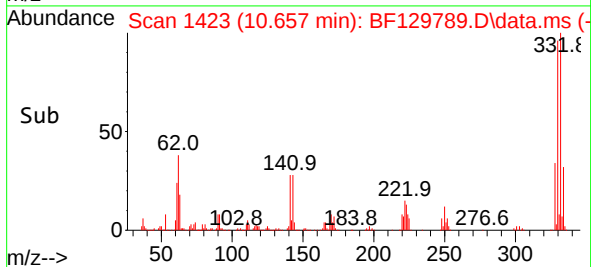
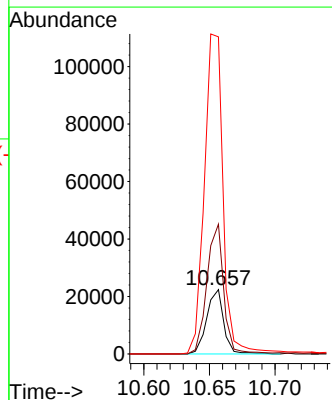
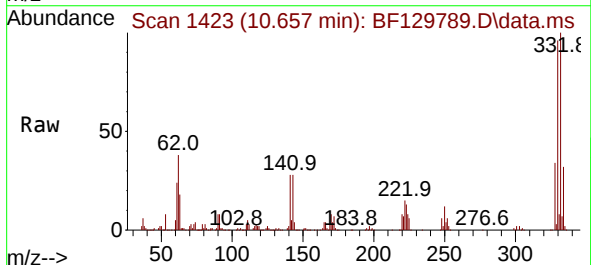
Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

Tgt Ion:188 Resp: 624845
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 2.762 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

Tgt Ion:248 Resp: 20217
Ion Ratio Lower Upper
248 100
250 201.5 77.8 116.6#
141 492.7 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129789.D

Acq: 15 Aug 2022 19:43

Instrument :

BNA_F

ClientSampleId :

TT-203-IDWSO-20220811-2

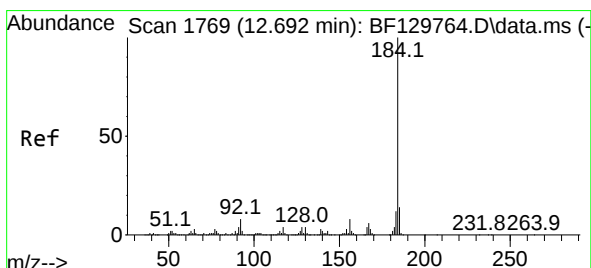
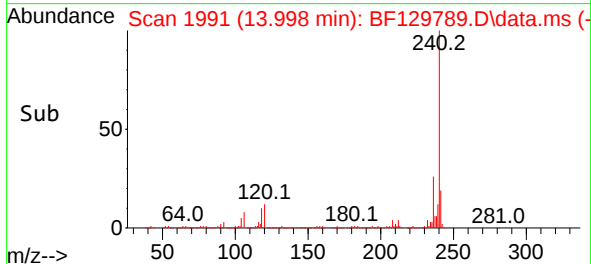
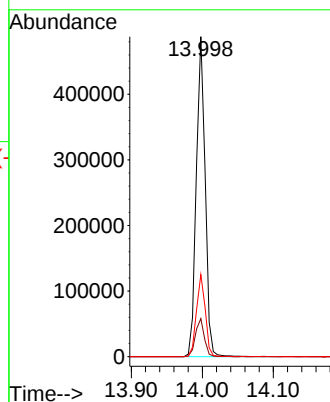
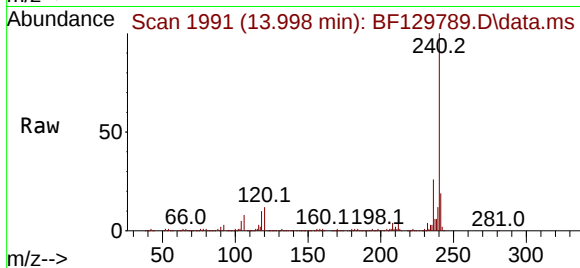
Tgt Ion:240 Resp: 426919

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.7 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.939 min Scan# 1811

Delta R.T. 0.247 min

Lab File: BF129789.D

Acq: 15 Aug 2022 19:43

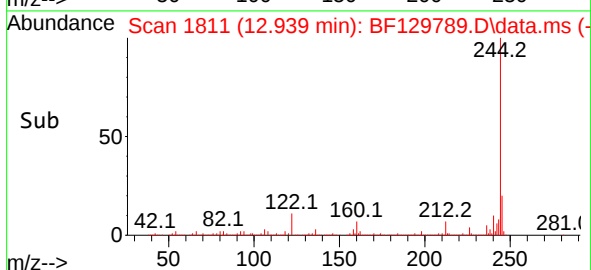
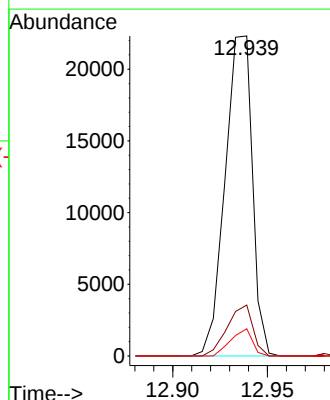
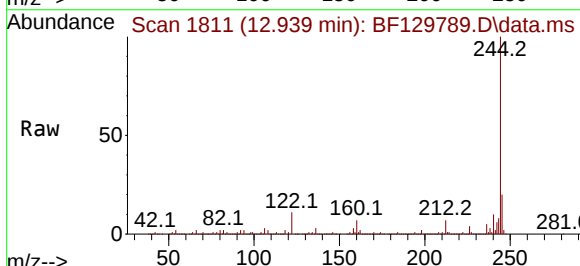
Tgt Ion:184 Resp: 22382

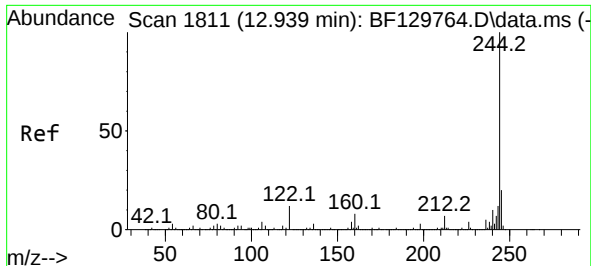
Ion Ratio Lower Upper

184 100

185 15.9 11.4 17.2

183 8.5 9.4 14.2#

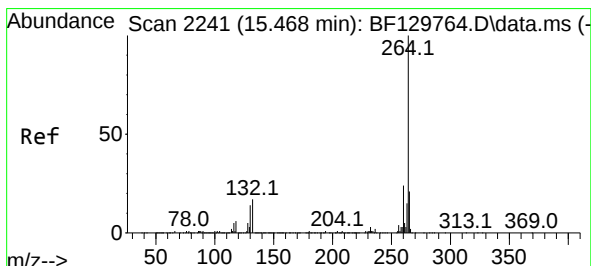
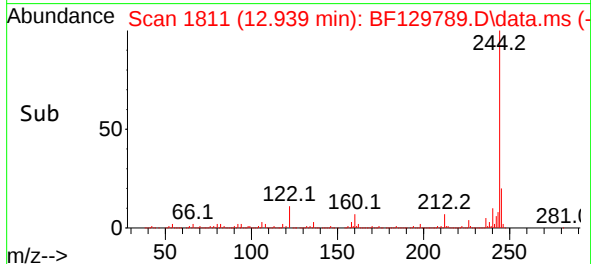
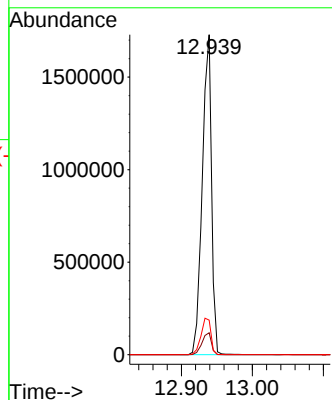
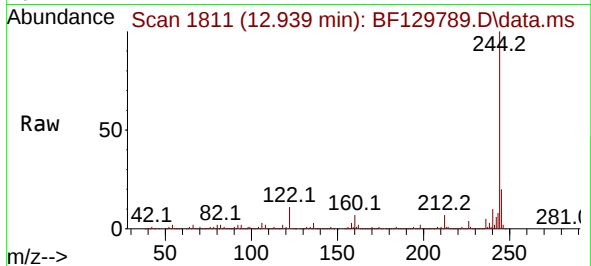




#79
Terphenyl-d14
Concen: 61.257 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

Instrument :
BNA_F
ClientSampleId :
TT-203-IDWSO-20220811-2

Tgt Ion:244 Resp: 1571678
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.8 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BF129789.D
Acq: 15 Aug 2022 19:43

Tgt Ion:264 Resp: 308651
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 20.9 16.7 25.1

