

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129850.D
 Acq On : 17 Aug 2022 18:32
 Operator : CG\JU
 Sample : N4188-26
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S6

Quant Time: Aug 18 05:34:26 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 05:28:24 2022
 Response via : Initial Calibration

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

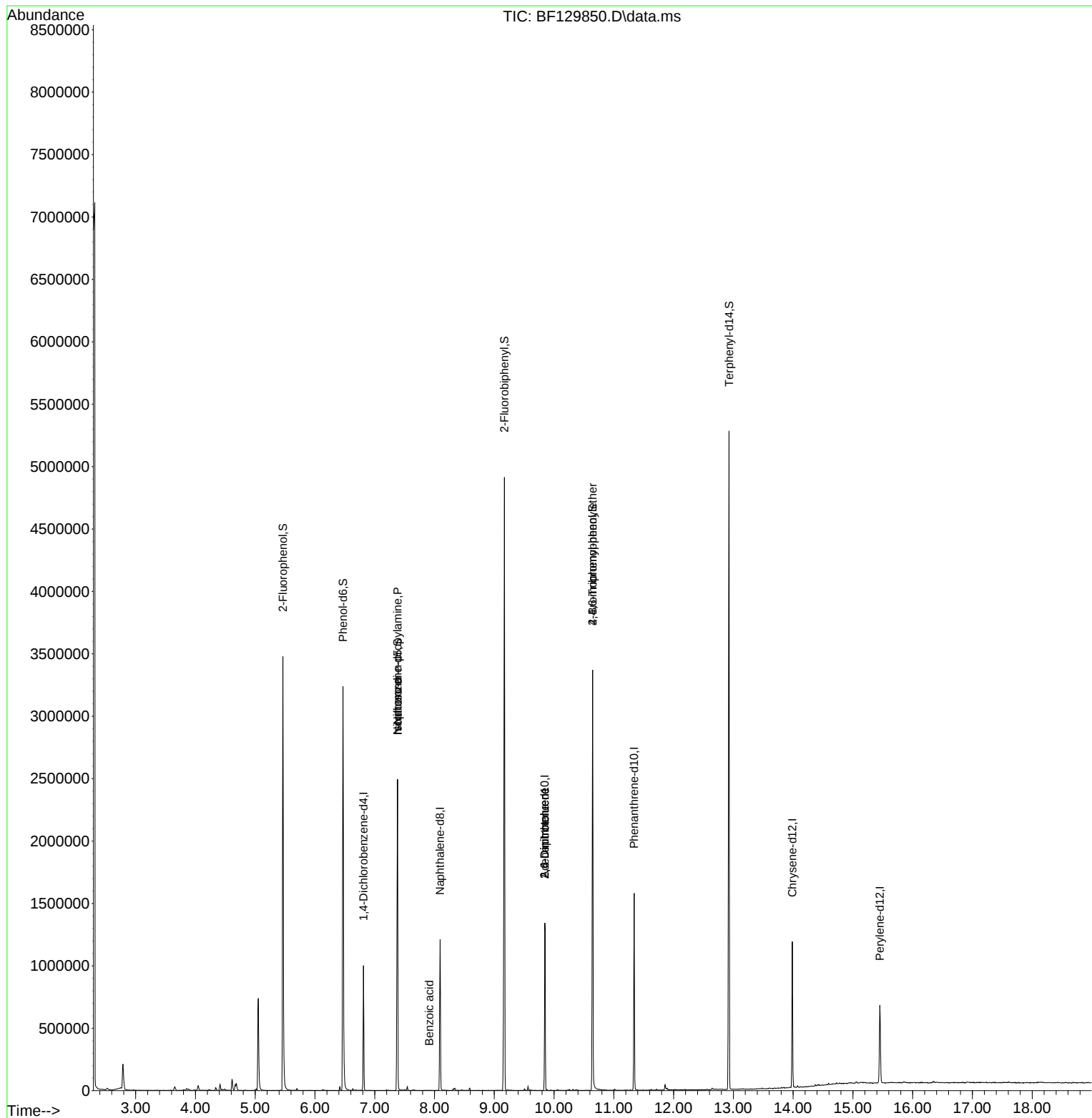
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132802	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	536758	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	288881	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	501548	20.000	ng	0.00
76) Chrysene-d12	13.986	240	367437	20.000	ng	0.00
86) Perylene-d12	15.451	264	272932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	959444	119.618	ng	0.01
7) Phenol-d6	6.469	99	1101455	109.659	ng	0.00
23) Nitrobenzene-d5	7.381	82	833208	83.097	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	404809	139.620	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1559005	81.965	ng	0.00
79) Terphenyl-d14	12.927	244	1753245	79.396	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	117	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.381	70	111516	17.564	ng	# 74
25) Isophorone	7.381	82	833197	48.279	ng	# 65
32) Benzoic acid	7.910	122	619	2.404	ng	# 76
51) 2,6-Dinitrotoluene	9.845	165	37750	8.403	ng	# 23
57) 2,4-Dinitrotoluene	9.845	165	37750	6.473	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	25410	4.326	ng	# 1
77) Benzidine	12.675	184	786	Below Cal	#	55

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
Data File : BF129850.D
Acq On : 17 Aug 2022 18:32
Operator : CG\JU
Sample : N4188-26
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S6

Quant Time: Aug 18 05:34:26 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 05:28:24 2022
Response via : Initial Calibration

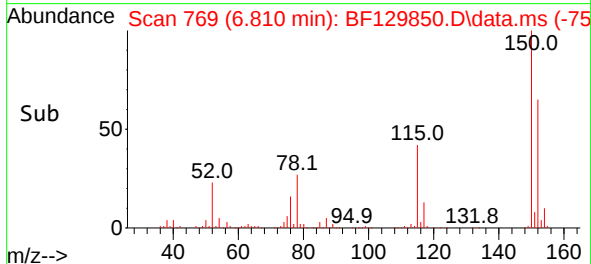
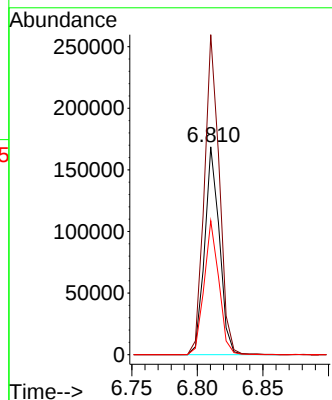
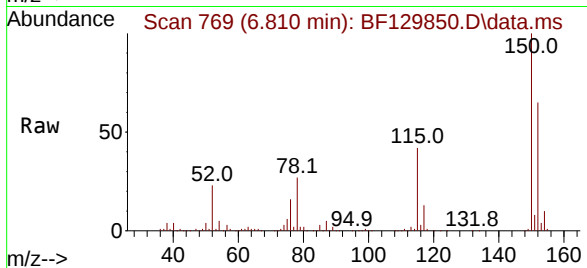




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

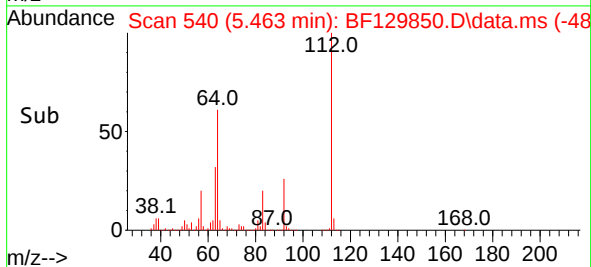
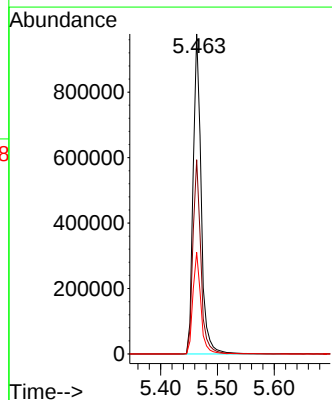
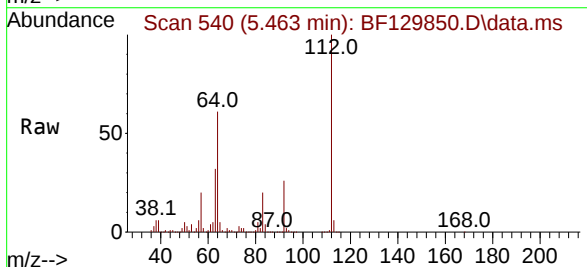
Instrument :
BNA_F
ClientSampleId :
S6

Tgt Ion:152 Resp: 132802
Ion Ratio Lower Upper
152 100
150 153.9 126.9 190.3
115 64.4 53.4 80.0



#5
2-Fluorophenol
Concen: 119.618 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

Tgt Ion:112 Resp: 959444
Ion Ratio Lower Upper
112 100
64 60.7 47.6 71.4
63 31.7 24.6 37.0

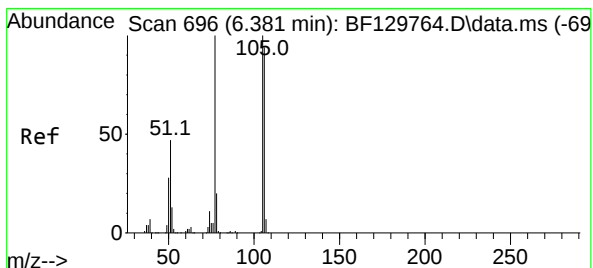
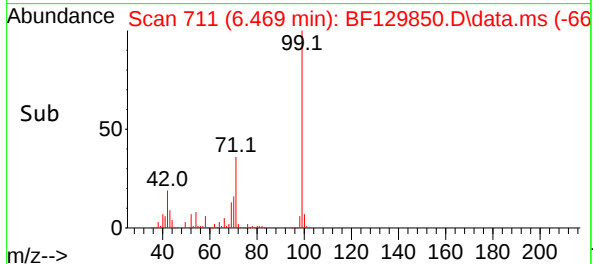
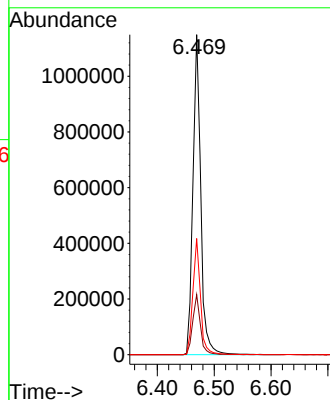
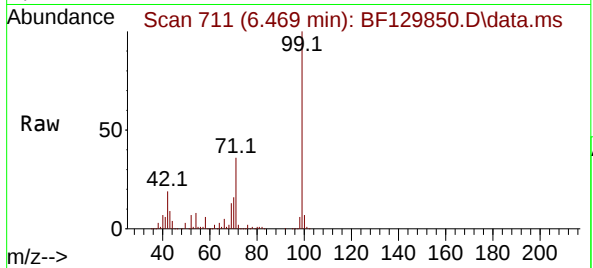




#7
Phenol-d6
Concen: 109.659 ng
RT: 6.469 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

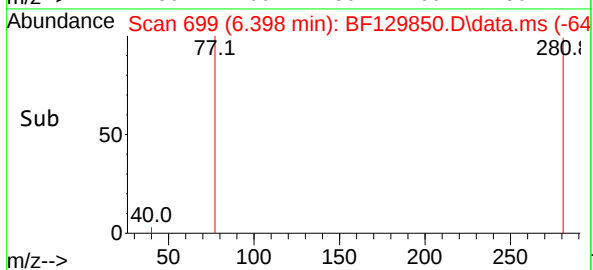
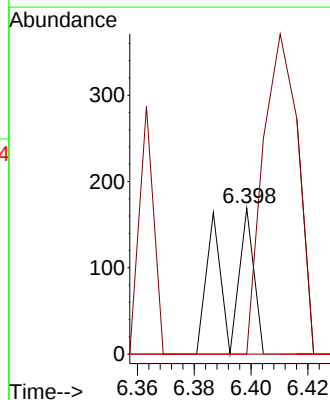
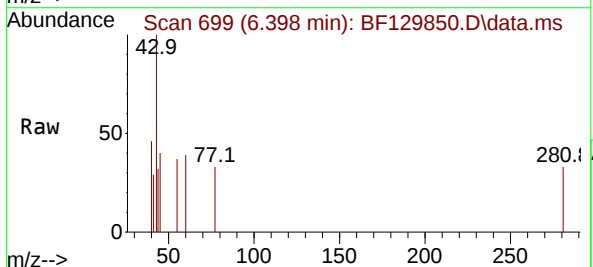
Instrument :
BNA_F
ClientSampleId :
S6

Tgt Ion: 99 Resp: 1101455
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 36.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 699
Delta R.T. 0.029 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 77 Resp: 117
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

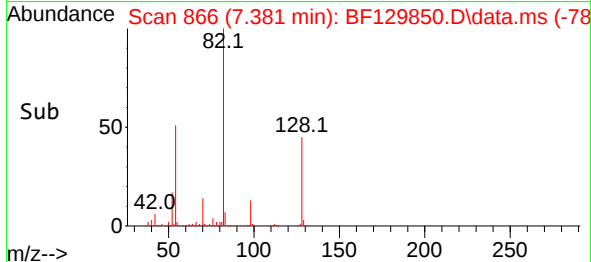
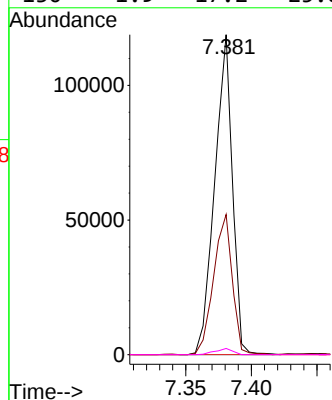
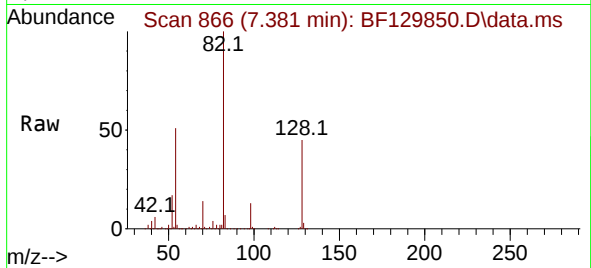




#19
n-Nitroso-di-n-propylamine
Concen: 17.564 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

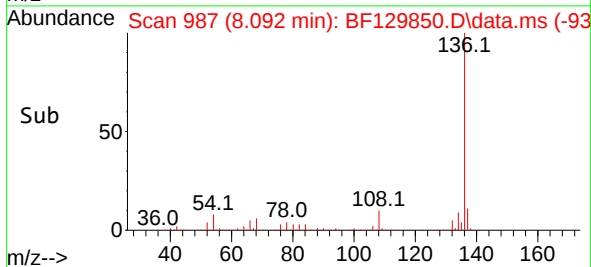
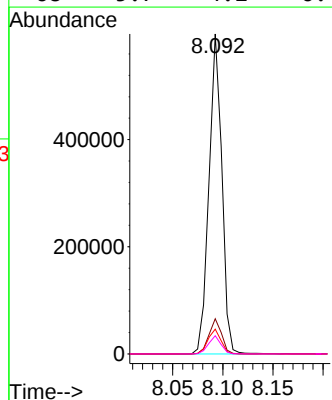
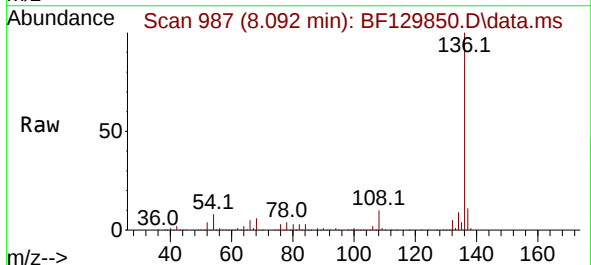
Instrument :
BNA_F
ClientSampleId :
S6

Tgt Ion: 70 Resp: 111516
Ion Ratio Lower Upper
70 100
42 43.8 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: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

Tgt Ion:136 Resp: 536758
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 83.097 ng

RT: 7.381 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF129850.D

Acq: 17 Aug 2022 18:32

Instrument :

BNA_F

ClientSampleId :

S6

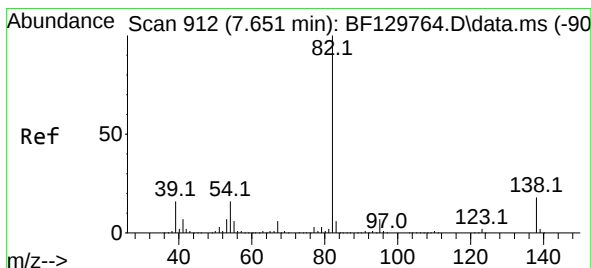
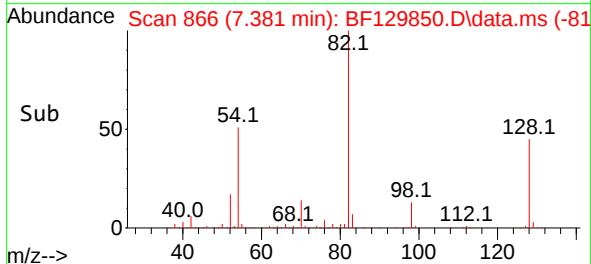
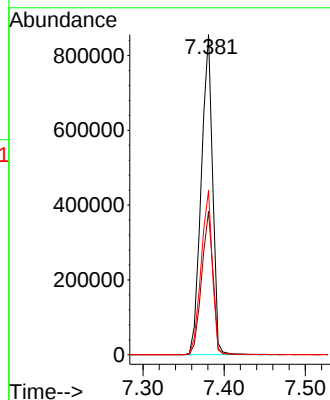
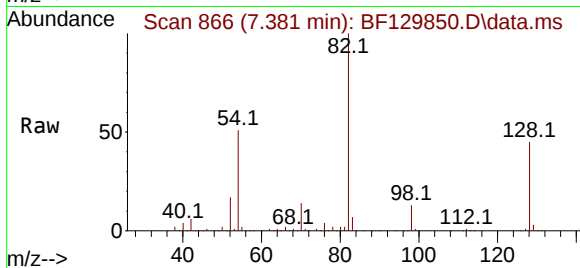
Tgt Ion: 82 Resp: 833208

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

54 51.3 40.0 60.0



#25

Isophorone

Concen: 48.279 ng

RT: 7.381 min Scan# 866

Delta R.T. -0.259 min

Lab File: BF129850.D

Acq: 17 Aug 2022 18:32

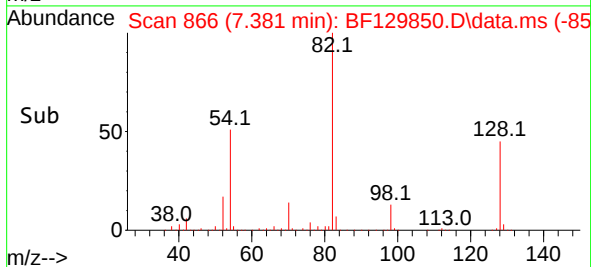
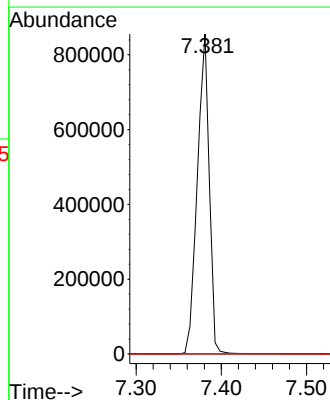
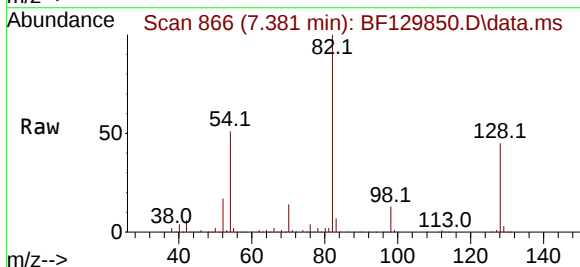
Tgt Ion: 82 Resp: 833197

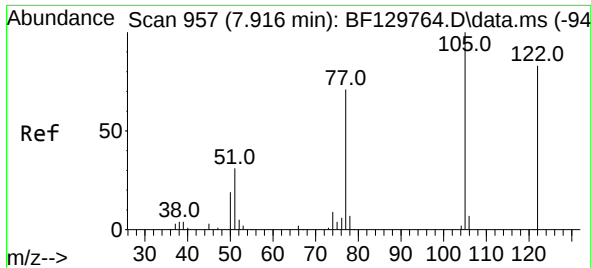
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

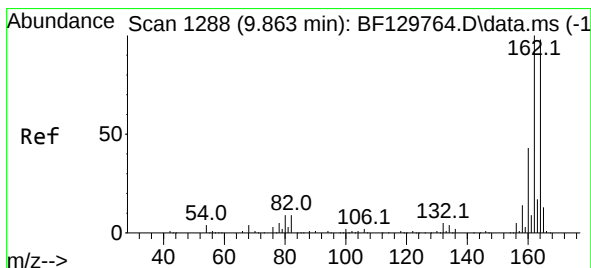
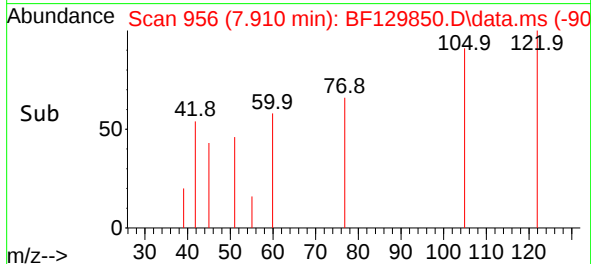
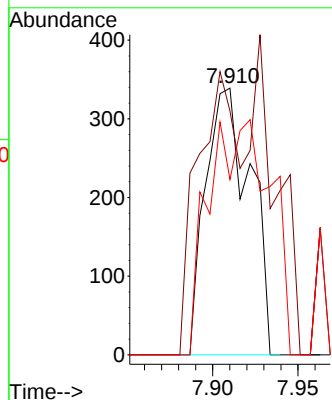
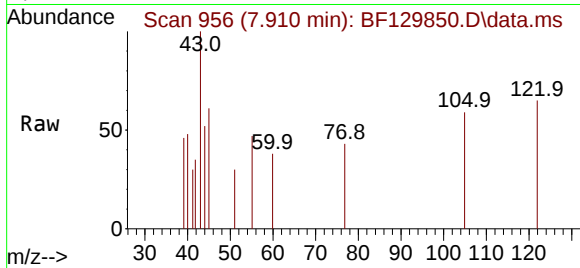




#32
Benzoic acid
Concen: 2.404 ng
RT: 7.910 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

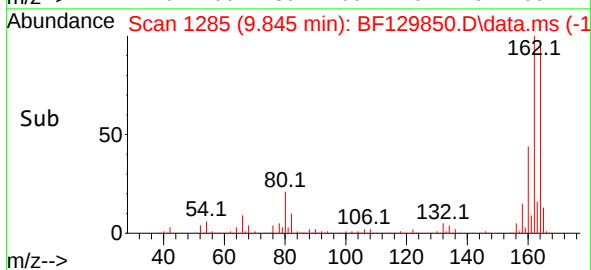
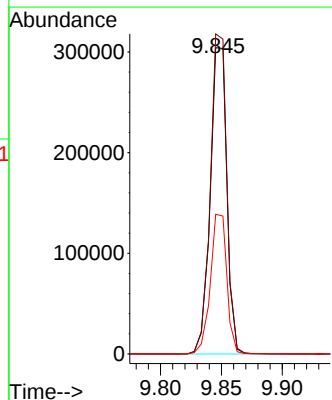
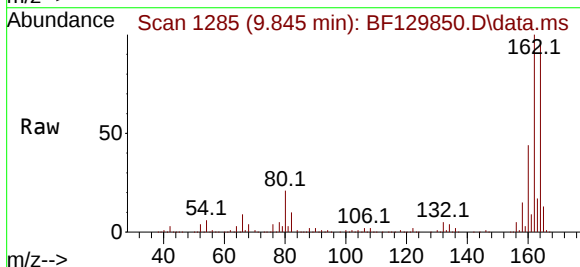
Instrument :
BNA_F
ClientSampleId :
S6

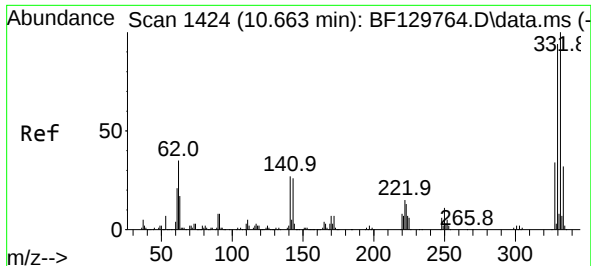
Tgt Ion:122 Resp: 619
Ion Ratio Lower Upper
122 100
105 91.4 99.9 139.9#
77 65.8 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

Tgt Ion:164 Resp: 288881
Ion Ratio Lower Upper
164 100
162 104.5 82.0 123.0
160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.620 ng

RT: 10.645 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129850.D

Acq: 17 Aug 2022 18:32

Instrument :

BNA_F

ClientSampleId :

S6

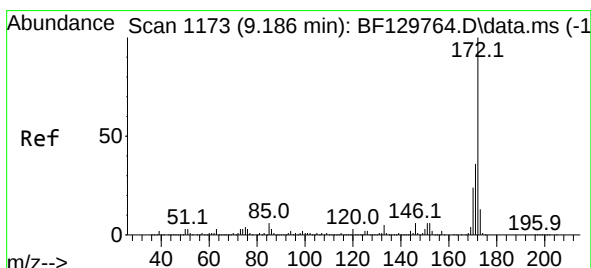
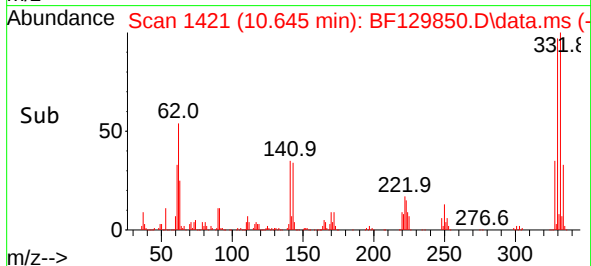
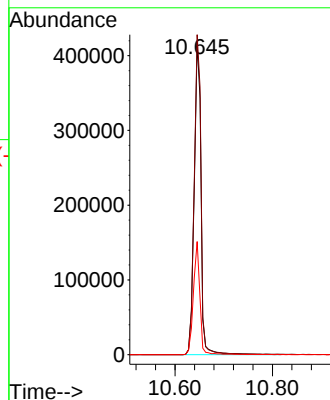
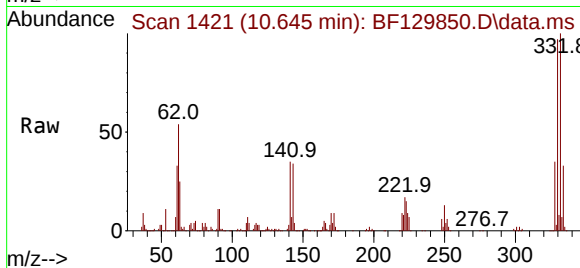
Tgt Ion:330 Resp: 404809

Ion Ratio Lower Upper

330 100

332 103.3 82.6 124.0

141 34.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 81.965 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF129850.D

Acq: 17 Aug 2022 18:32

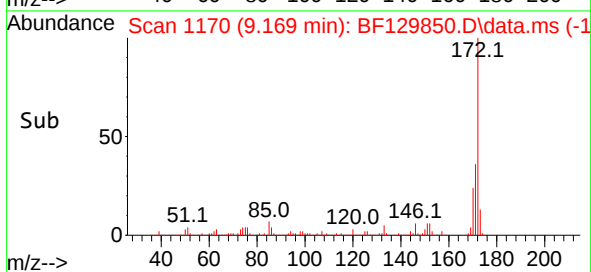
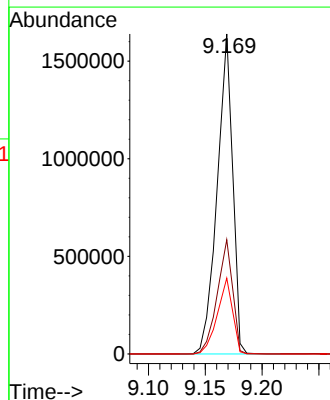
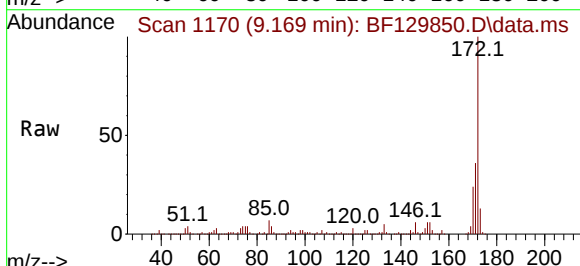
Tgt Ion:172 Resp: 1559005

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 19.1 28.7

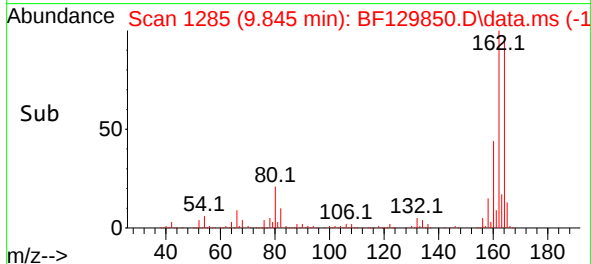
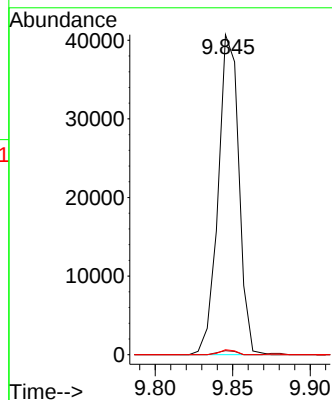
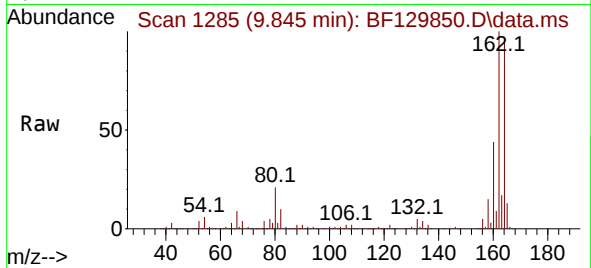




#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

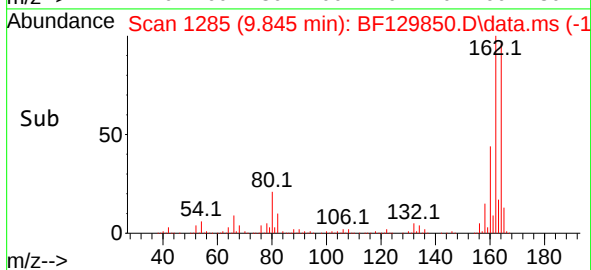
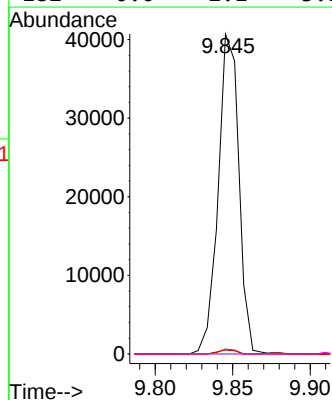
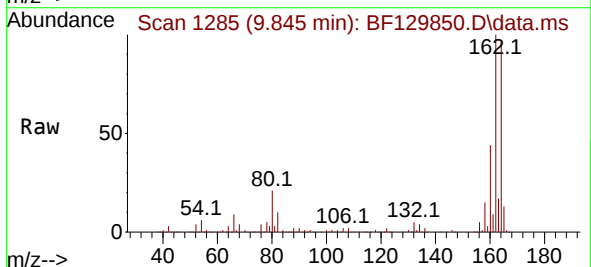
Instrument :
BNA_F
ClientSampleId :
S6

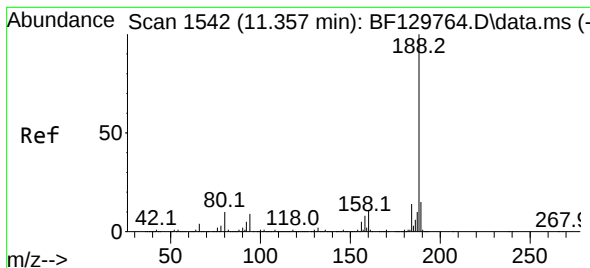
Tgt Ion:165 Resp: 37750
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.473 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129850.D
Acq: 17 Aug 2022 18:32

Tgt Ion:165 Resp: 37750
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129850.D

Acq: 17 Aug 2022 18:32

Instrument :

BNA_F

ClientSampleId :

S6

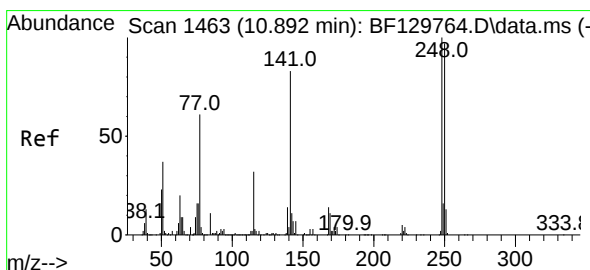
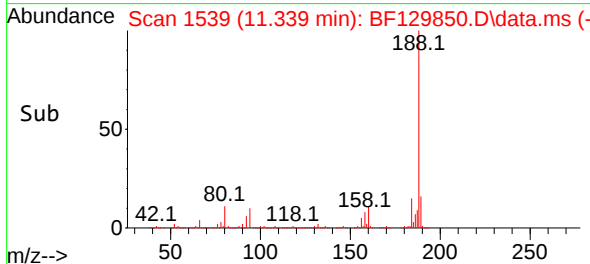
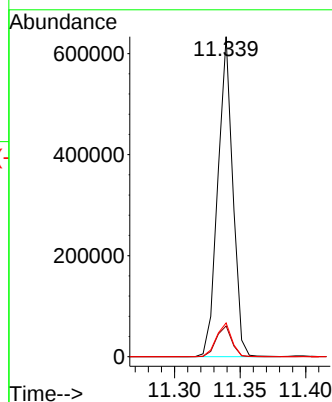
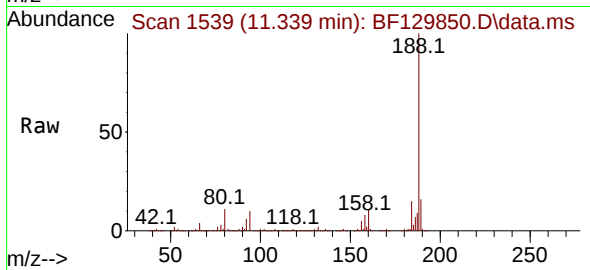
Tgt Ion:188 Resp: 501548

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.6 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.326 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.235 min

Lab File: BF129850.D

Acq: 17 Aug 2022 18:32

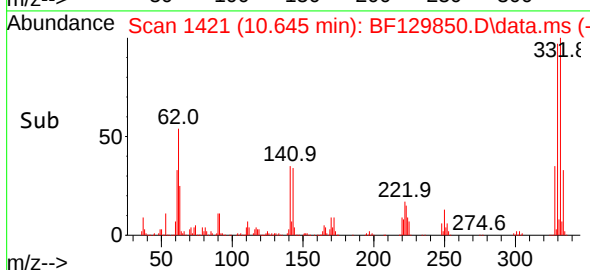
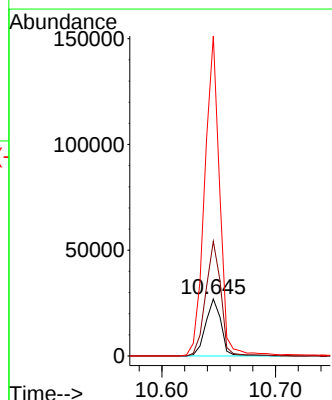
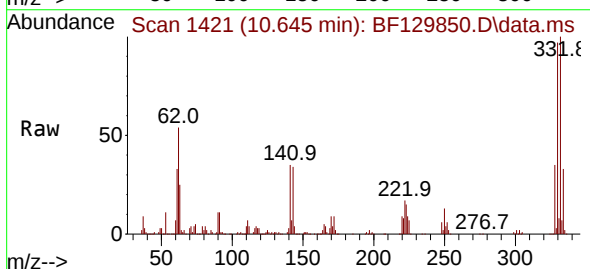
Tgt Ion:248 Resp: 25410

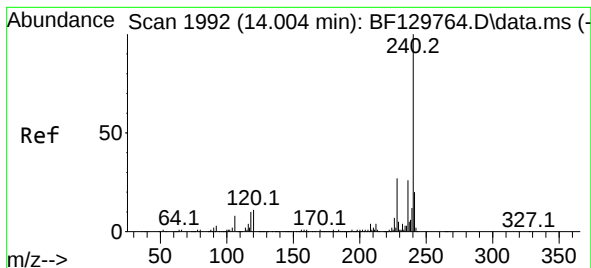
Ion Ratio Lower Upper

248 100

250 201.6 77.8 116.6#

141 561.9 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129850.D

Acq: 17 Aug 2022 18:32

Instrument :

BNA_F

ClientSampleId :

S6

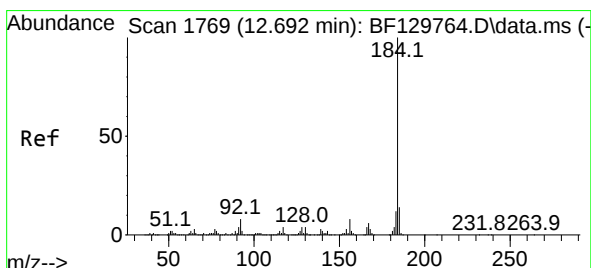
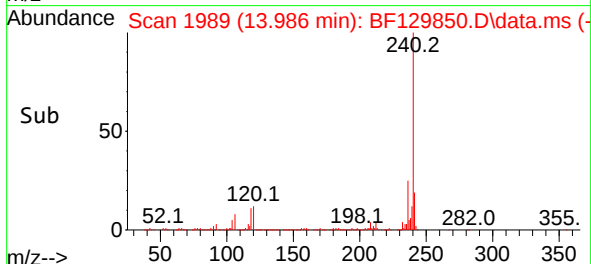
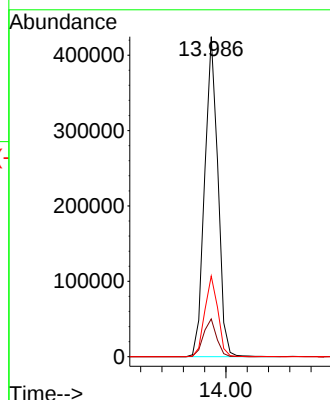
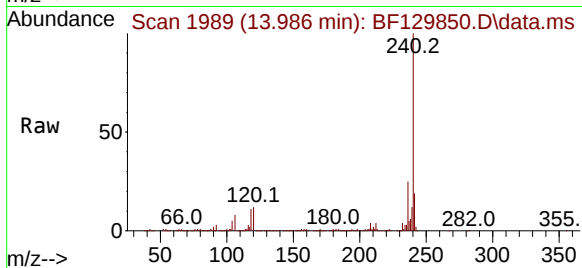
Tgt Ion:240 Resp: 367437

Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 25.2 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.675 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BF129850.D

Acq: 17 Aug 2022 18:32

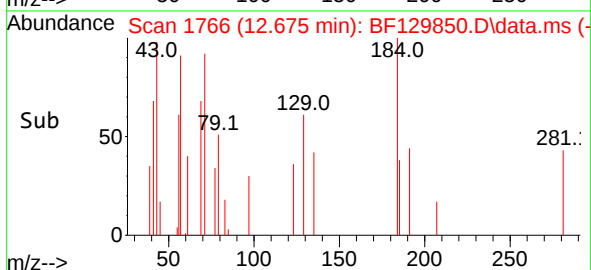
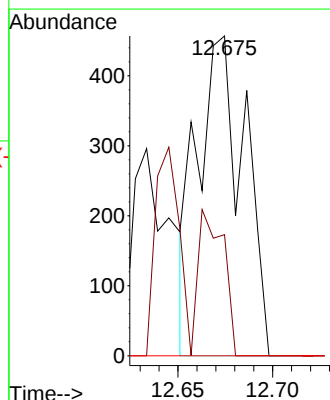
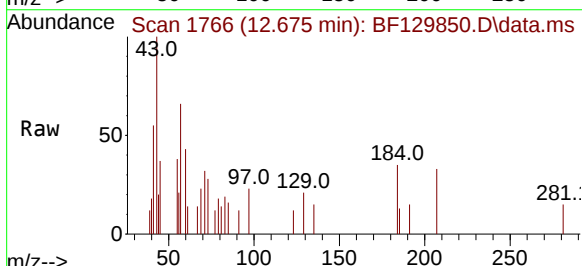
Tgt Ion:184 Resp: 786

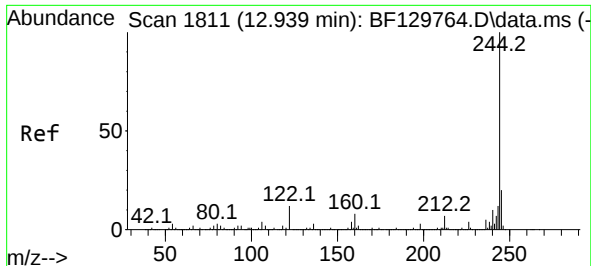
Ion Ratio Lower Upper

184 100

185 37.9 11.4 17.2#

183 0.0 9.4 14.2#

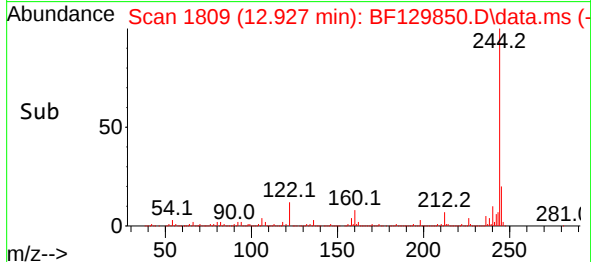
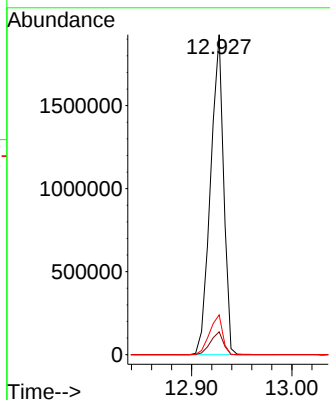
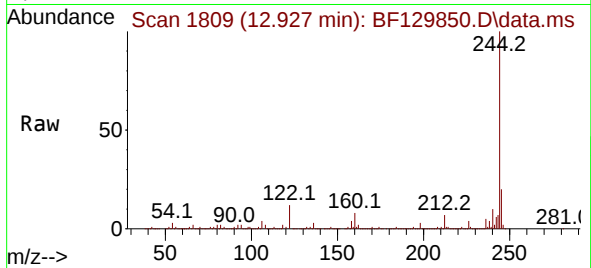




#79
 Terphenyl-d14
 Concen: 79.396 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129850.D
 Acq: 17 Aug 2022 18:32

Instrument :
 BNA_F
 ClientSampleId :
 S6

Tgt Ion:244 Resp: 1753245
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129850.D
 Acq: 17 Aug 2022 18:32

Tgt Ion:264 Resp: 272932
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.4 16.7 25.1

