

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129851.D
 Acq On : 17 Aug 2022 19:05
 Operator : CG\JU
 Sample : N4188-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4

Quant Time: Aug 18 05:34:57 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)

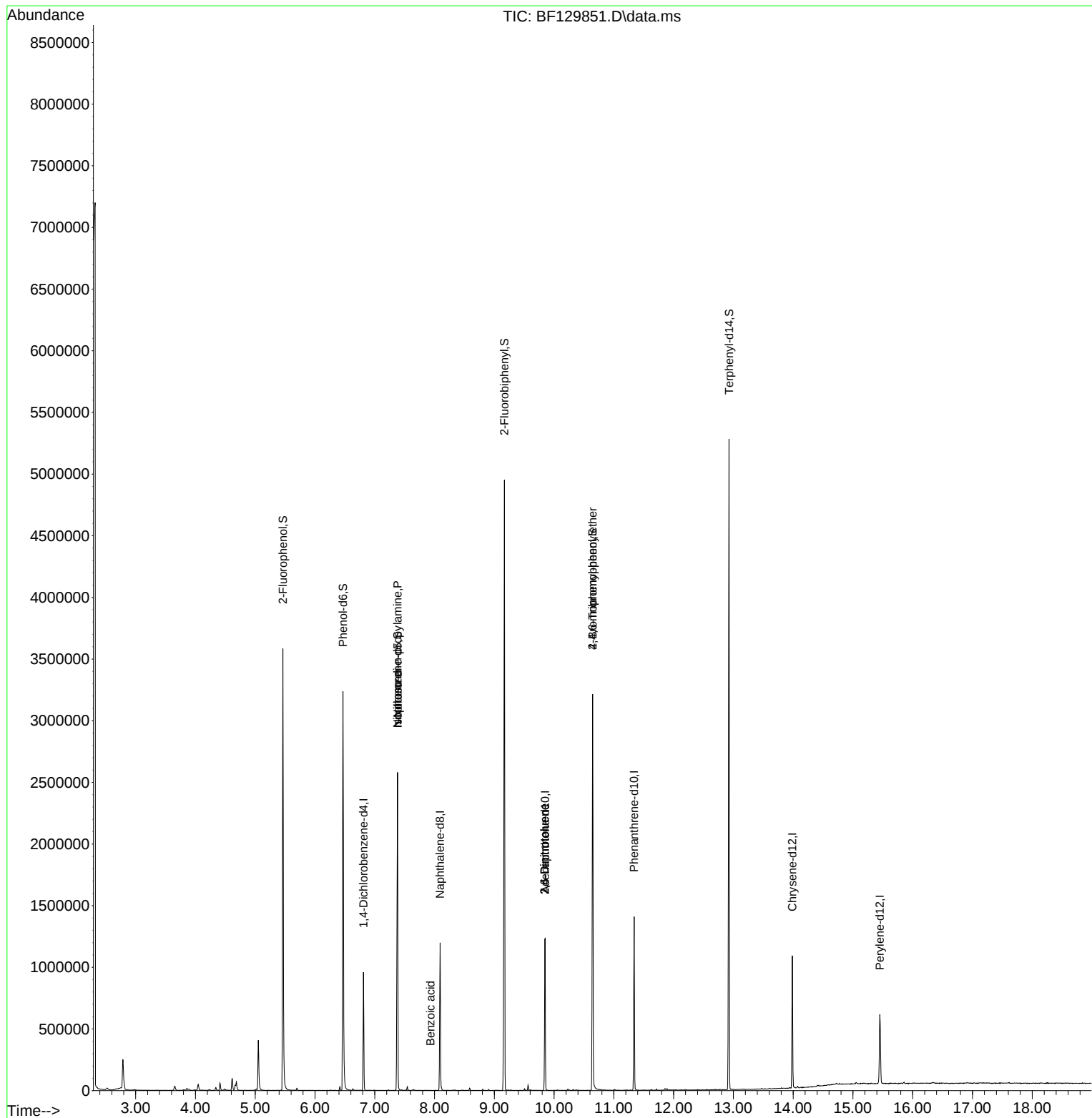
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	126246	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	513640	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	273450	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	468337	20.000	ng	0.00
76) Chrysene-d12	13.986	240	337868	20.000	ng	0.00
86) Perylene-d12	15.451	264	260941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	982979	128.916	ng	0.01
7) Phenol-d6	6.469	99	1122168	117.522	ng	0.00
23) Nitrobenzene-d5	7.381	82	868827	90.550	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	398590	145.233	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1557187	86.490	ng	0.00
79) Terphenyl-d14	12.927	244	1710875	84.257	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.292	77	55	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.381	70	115740	19.176	ng	# 76
25) Isophorone	7.381	82	868816	52.609	ng	# 65
32) Benzoic acid	7.933	122	57	2.173	ng	# 54
51) 2,6-Dinitrotoluene	9.845	165	34868	8.200	ng	# 22
57) 2,4-Dinitrotoluene	9.845	165	34868	6.317	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	24903	4.540	ng	# 1
77) Benzidine	12.927	184	23225	Below Cal	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
Data File : BF129851.D
Acq On : 17 Aug 2022 19:05
Operator : CG\JU
Sample : N4188-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4

Quant Time: Aug 18 05:34:57 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

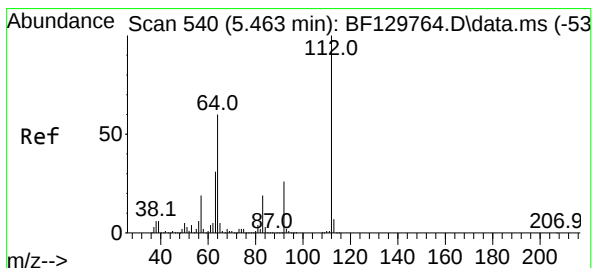
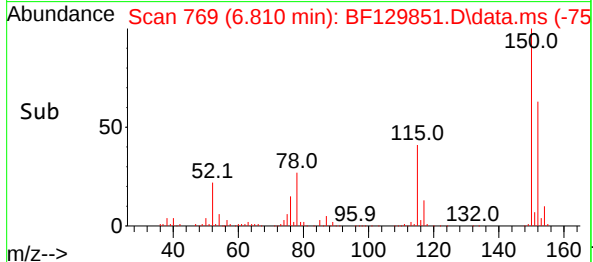
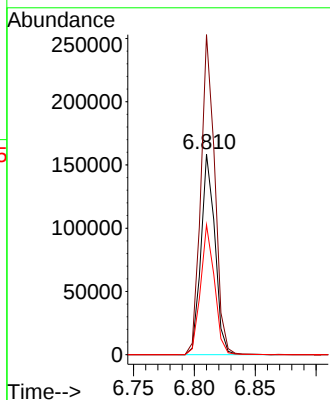
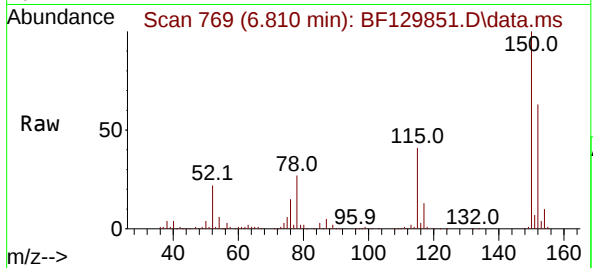




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

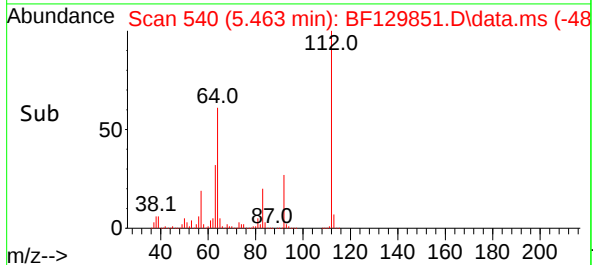
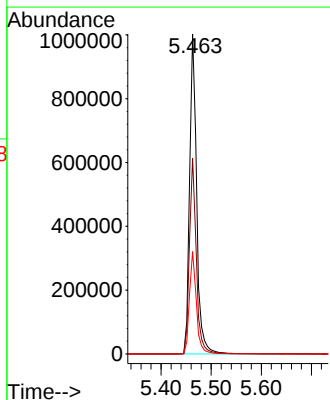
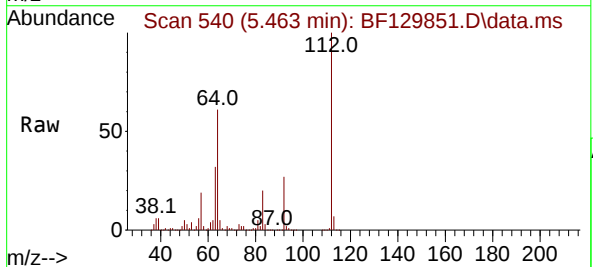
Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion:152 Resp: 126246
Ion Ratio Lower Upper
152 100
150 159.5 126.9 190.3
115 64.7 53.4 80.0



#5
2-Fluorophenol
Concen: 128.916 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion:112 Resp: 982979
Ion Ratio Lower Upper
112 100
64 61.2 47.6 71.4
63 32.0 24.6 37.0

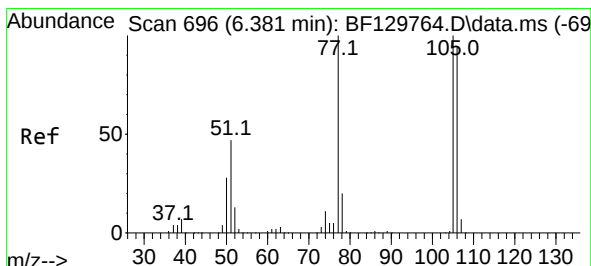
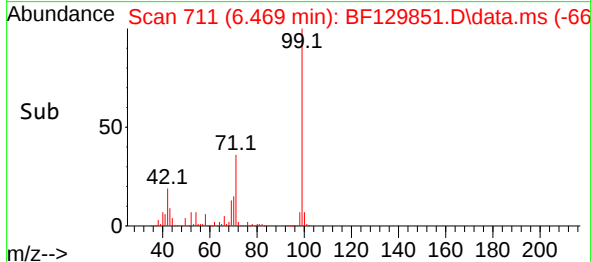
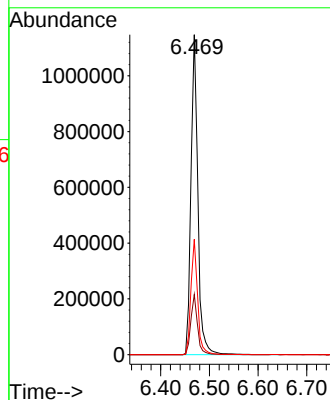
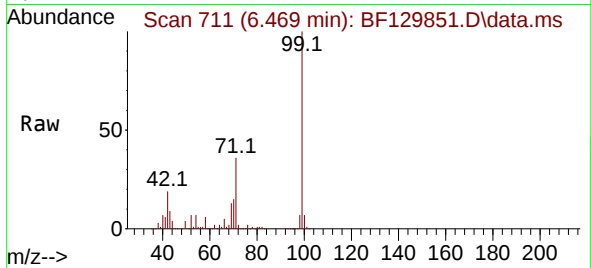




#7
Phenol-d6
Concen: 117.522 ng
RT: 6.469 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

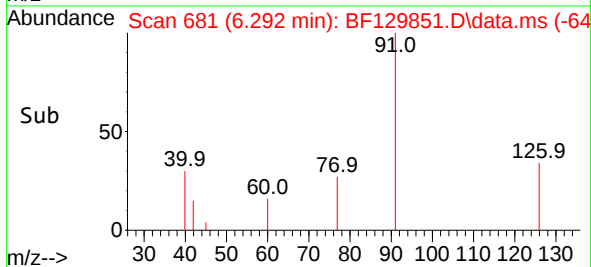
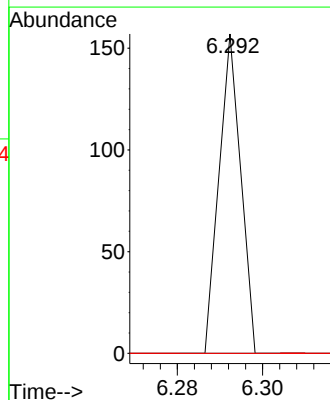
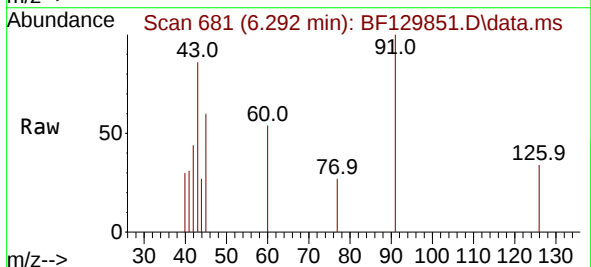
Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion: 99 Resp: 1122168
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.292 min Scan# 681
Delta R.T. -0.077 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

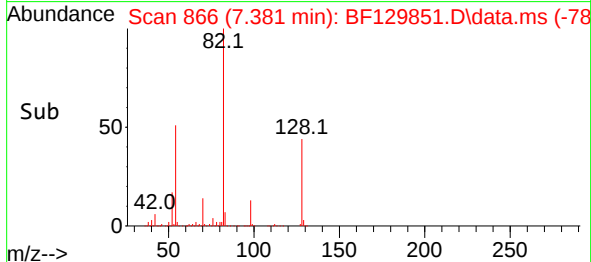
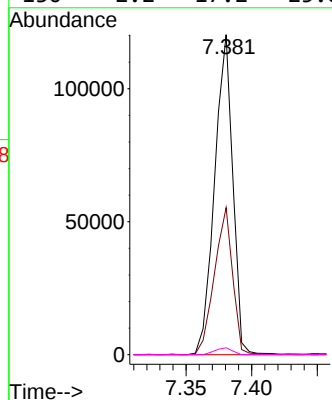
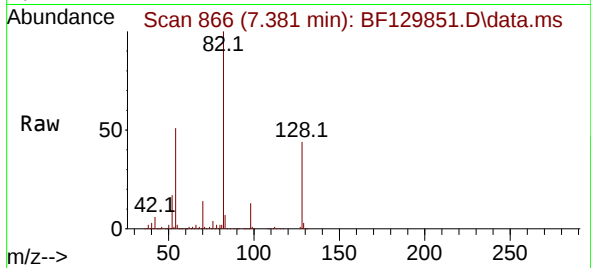




#19
n-Nitroso-di-n-propylamine
Concen: 19.176 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

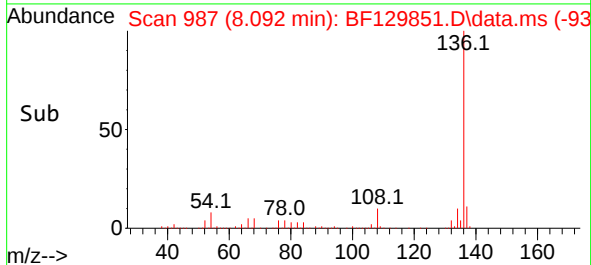
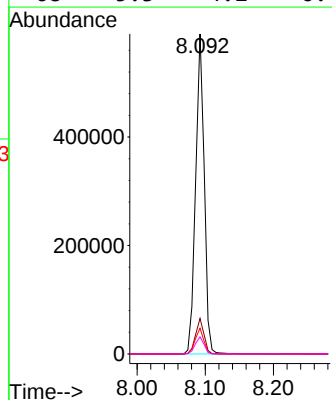
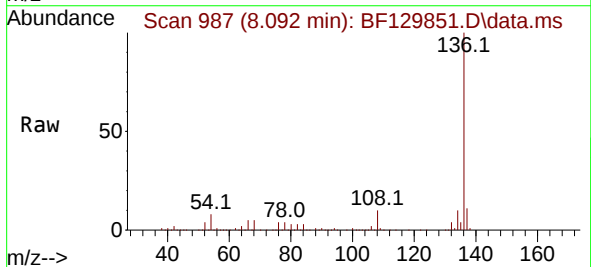
Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion: 70 Resp: 115740
Ion Ratio Lower Upper
70 100
42 46.0 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: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion: 136 Resp: 513640
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.0 6.2 9.2
68 5.3 4.2 6.4

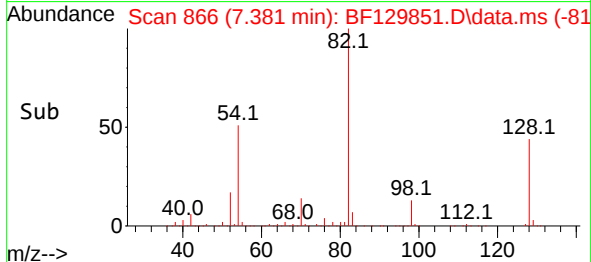
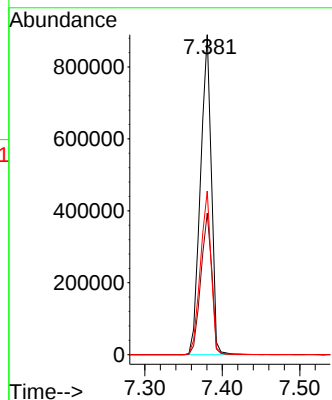
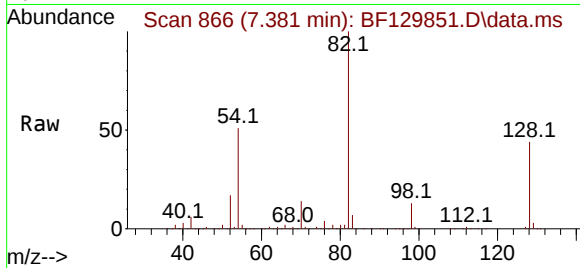




#23
Nitrobenzene-d5
Concen: 90.550 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

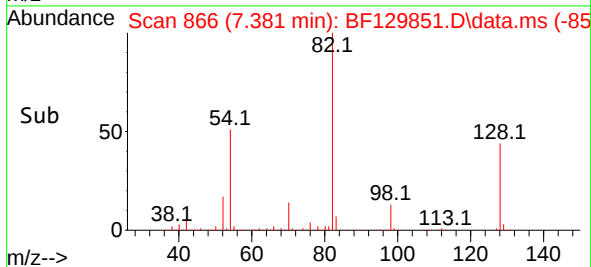
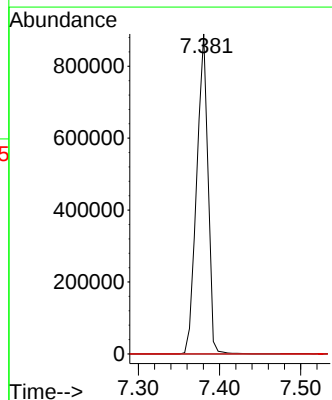
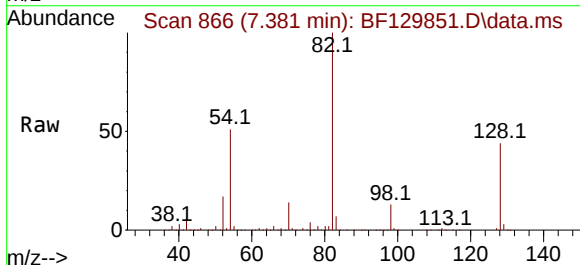
Instrument :
BNA_F
ClientSampleId :
S4

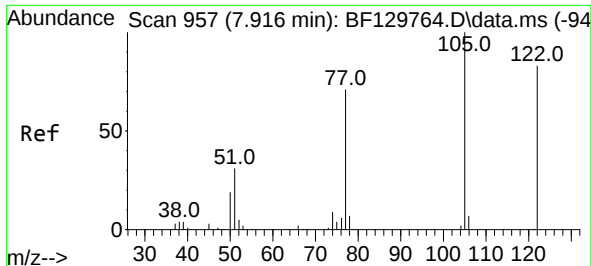
Tgt Ion: 82 Resp: 868827
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 51.2 40.0 60.0



#25
Isophorone
Concen: 52.609 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.259 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion: 82 Resp: 868816
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

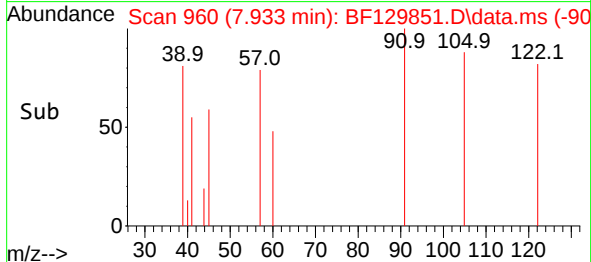
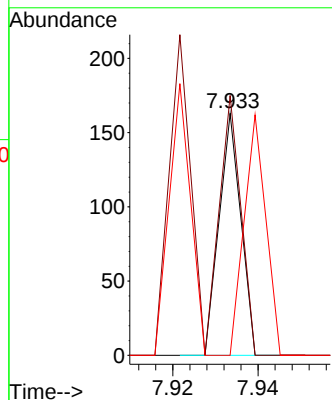
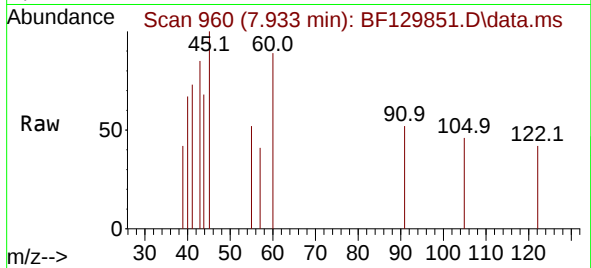




#32
Benzoic acid
Concen: 2.173 ng
RT: 7.933 min Scan# 90
Delta R.T. 0.035 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

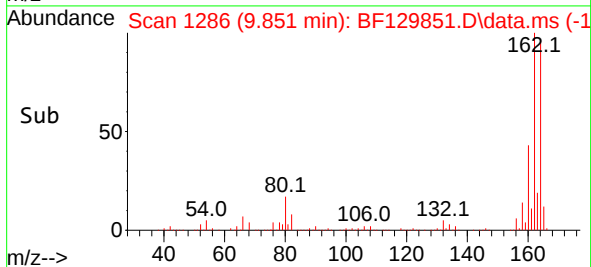
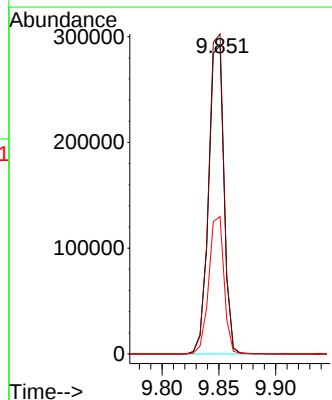
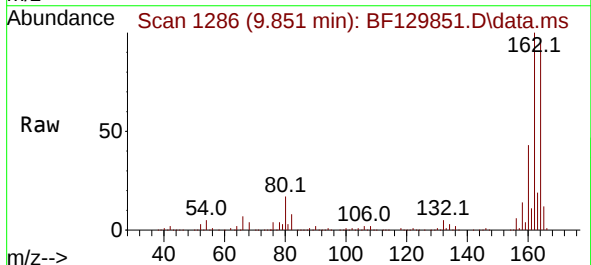
Instrument :
BNA_F
ClientSampleId :
S4

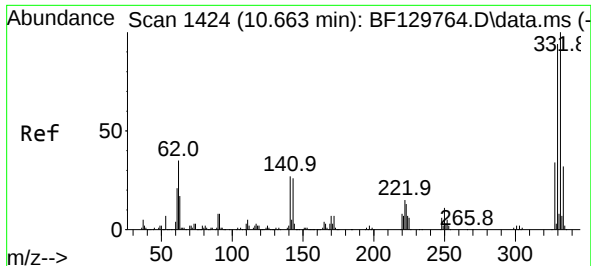
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 107.4 99.9 139.9
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion:164 Resp: 273450
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 145.233 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BF129851.D

Acq: 17 Aug 2022 19:05

Instrument :

BNA_F

ClientSampleId :

S4

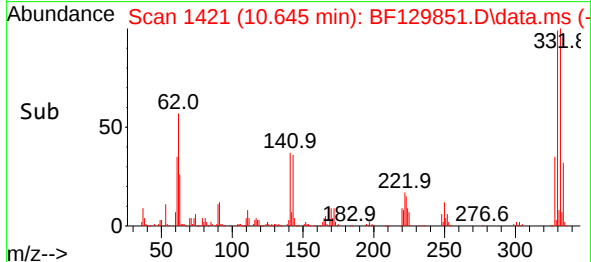
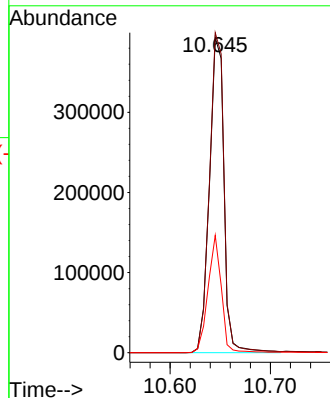
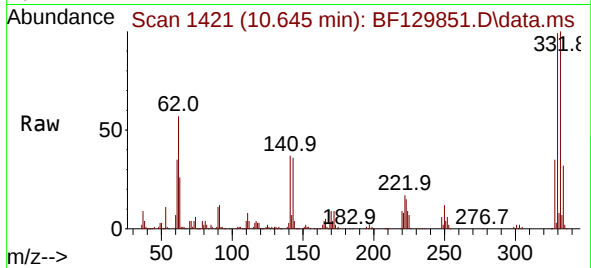
Tgt Ion:330 Resp: 398590

Ion Ratio Lower Upper

330 100

332 102.1 82.6 124.0

141 34.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 86.490 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129851.D

Acq: 17 Aug 2022 19:05

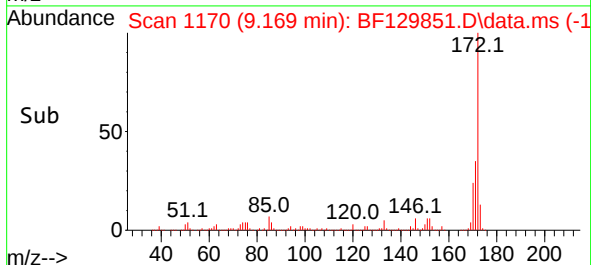
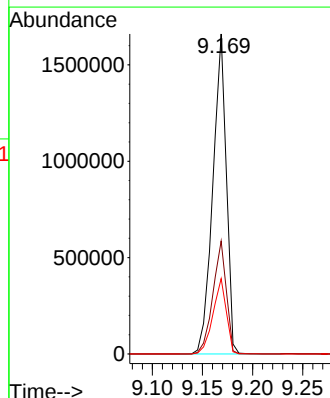
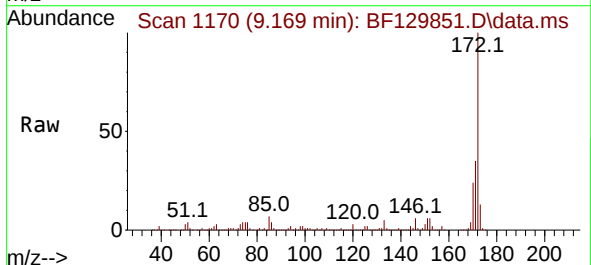
Tgt Ion:172 Resp: 1557187

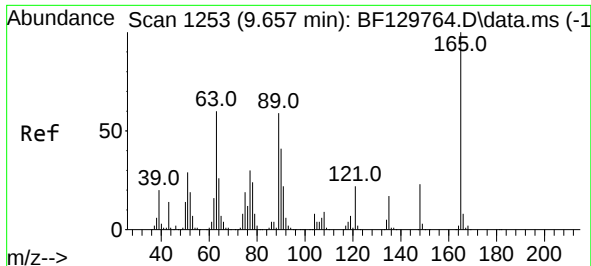
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.1 28.7

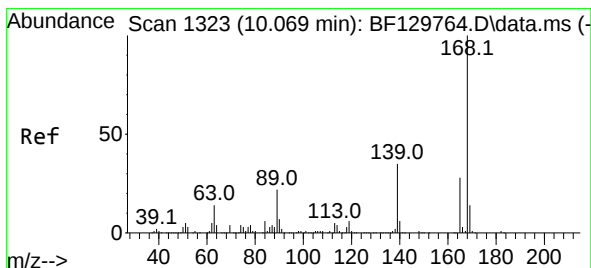
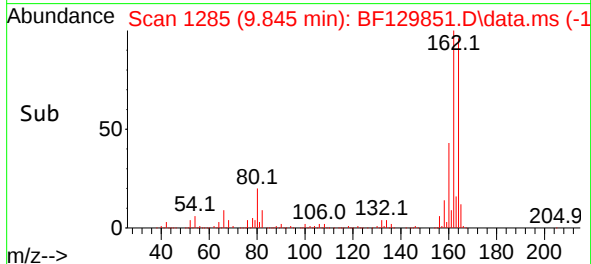
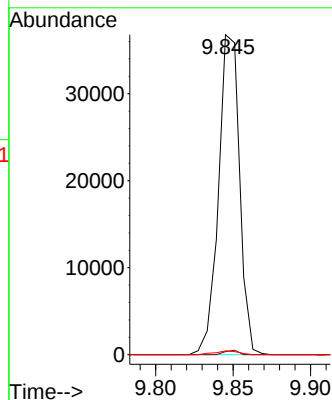
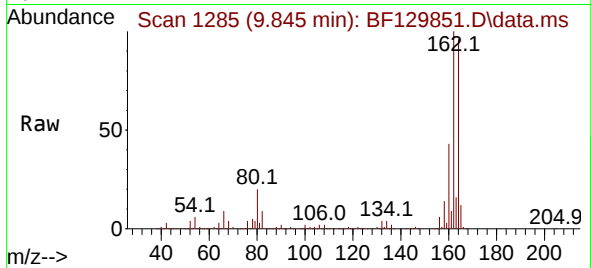




#51
2,6-Dinitrotoluene
Concen: 8.200 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

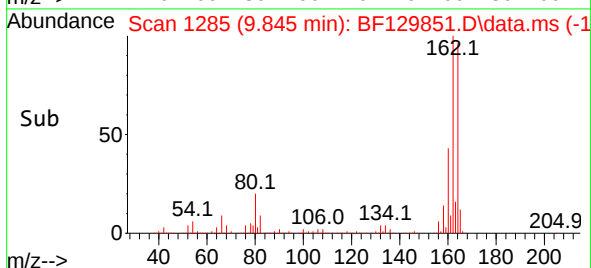
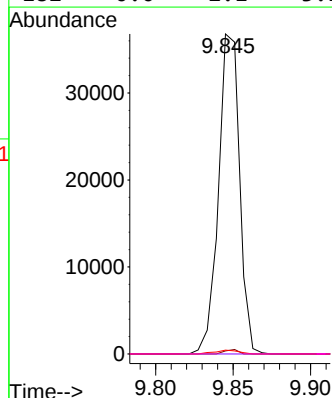
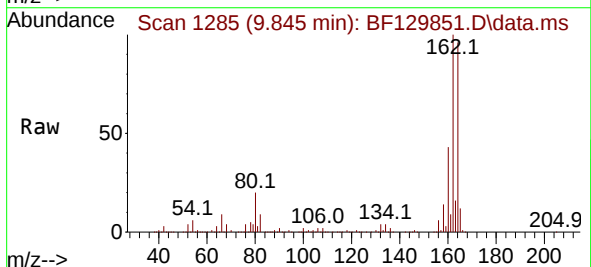
Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion:165 Resp: 34868
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.2 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.317 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion:165 Resp: 34868
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#

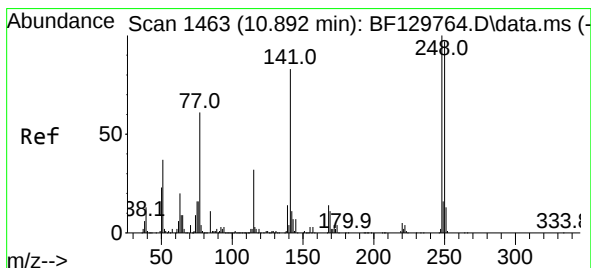
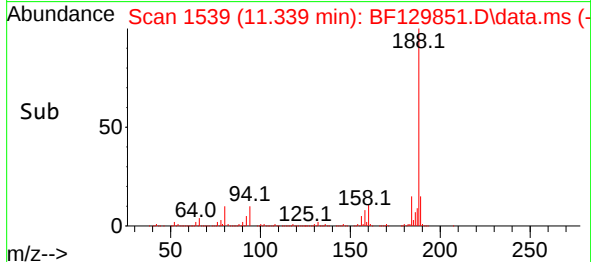
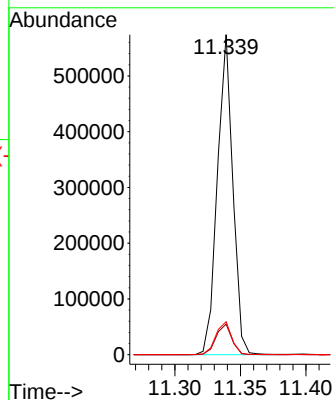
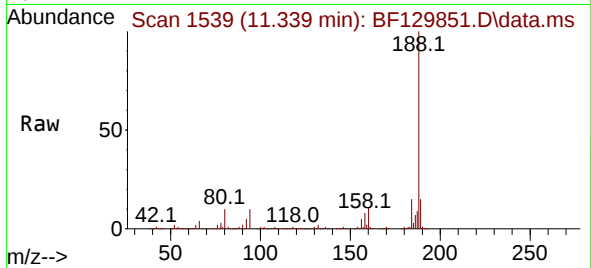




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

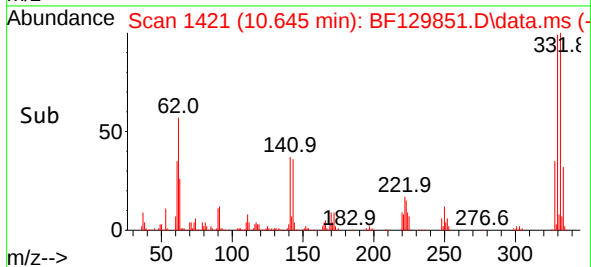
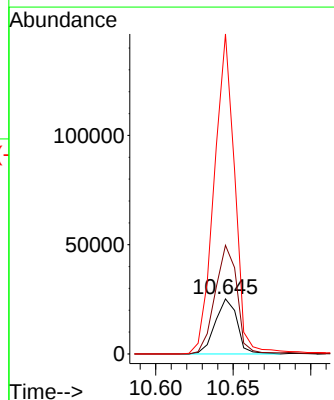
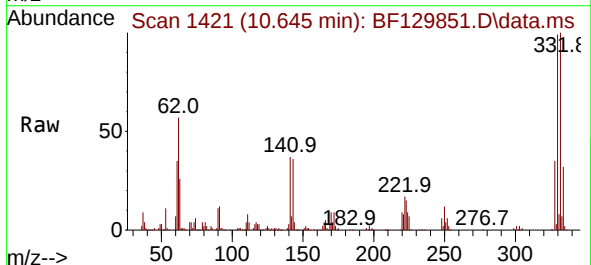
Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion:188 Resp: 468337
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.540 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.236 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion:248 Resp: 24903
Ion Ratio Lower Upper
248 100
250 197.6 77.8 116.6#
141 581.4 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF129851.D

Acq: 17 Aug 2022 19:05

Instrument :

BNA_F

ClientSampleId :

S4

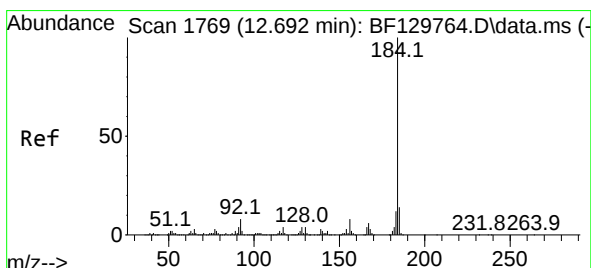
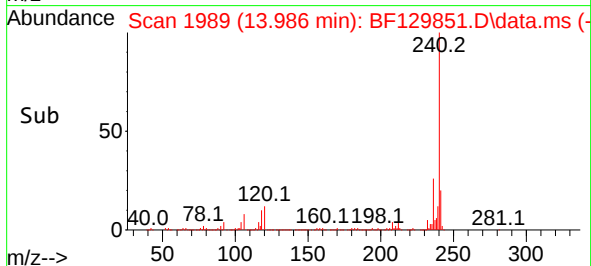
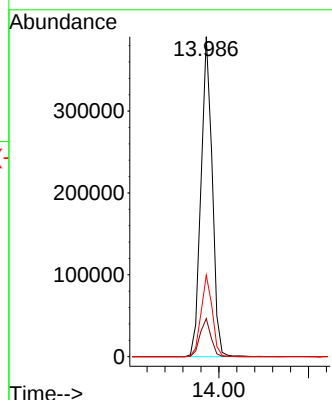
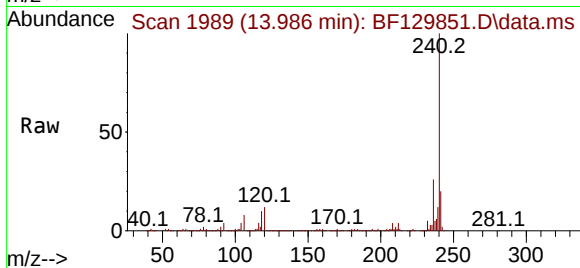
Tgt Ion:240 Resp: 337868

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.5 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.927 min Scan# 1809

Delta R.T. 0.247 min

Lab File: BF129851.D

Acq: 17 Aug 2022 19:05

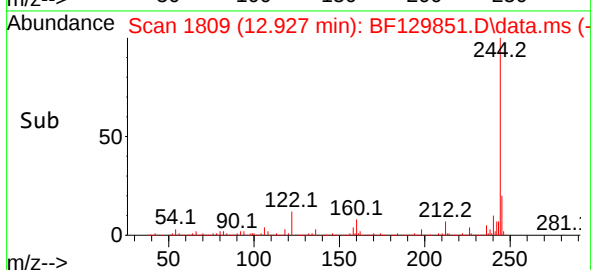
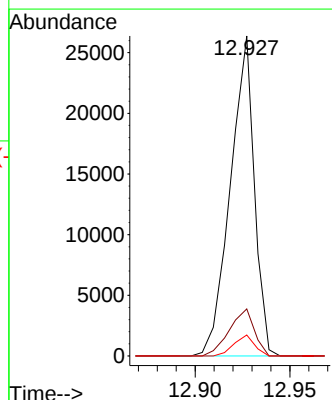
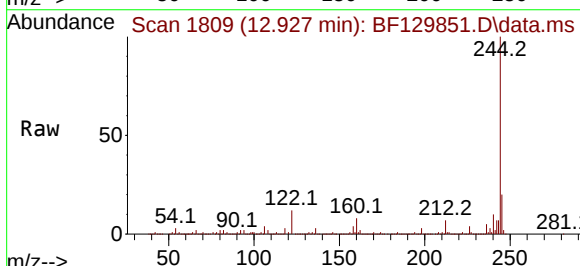
Tgt Ion:184 Resp: 23225

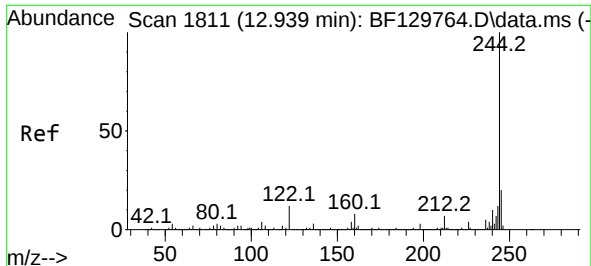
Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.2

183 6.6 9.4 14.2#

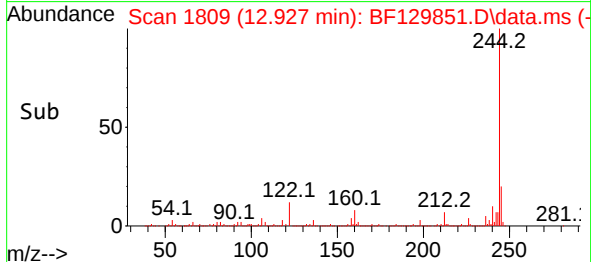
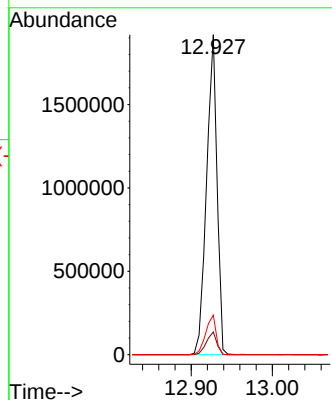
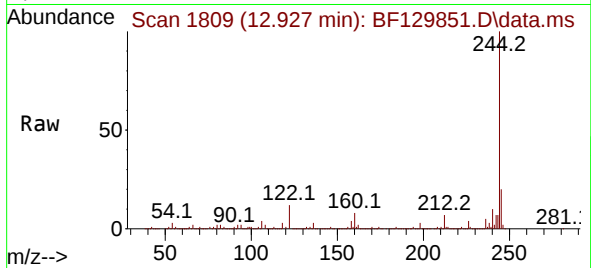




#79
Terphenyl-d14
Concen: 84.257 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF129851.D
Acq: 17 Aug 2022 19:05

Instrument :
BNA_F
ClientSampleId :
S4

Tgt Ion:244 Resp: 1710875
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: BF129851.D
Acq: 17 Aug 2022 19:05

Tgt Ion:264 Resp: 260941
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 21.3 16.7 25.1

