

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129856.D
 Acq On : 17 Aug 2022 21:47
 Operator : CG\JU
 Sample : N4188-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10

Quant Time: Aug 18 05:37:34 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

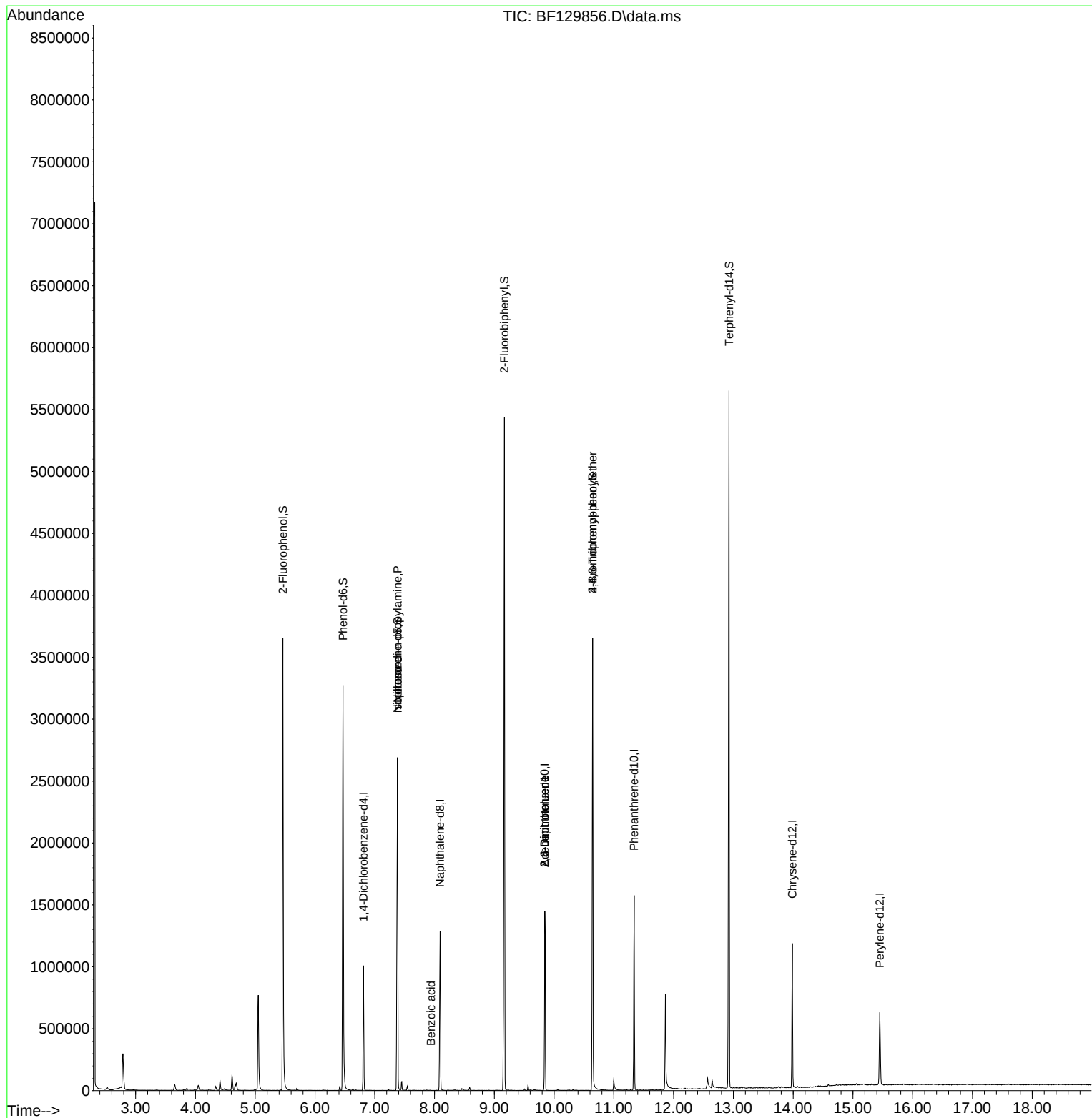
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	140265	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	561682	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	297595	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	509785	20.000	ng	0.00
76) Chrysene-d12	13.986	240	356898	20.000	ng	0.00
86) Perylene-d12	15.451	264	248512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1005329	118.670	ng	0.01
7) Phenol-d6	6.469	99	1125009	106.044	ng	0.00
23) Nitrobenzene-d5	7.381	82	912926	87.008	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	426997	142.961	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1676189	85.546	ng	0.00
79) Terphenyl-d14	12.927	244	1885636	87.912	ng	0.00
Target Compounds						
9) Benzaldehyde	6.422	77	58	Below Cal	Qvalue	# 51
19) n-Nitroso-di-n-propyla...	7.381	70	121563	18.128	ng	# 76
25) Isophorone	7.381	82	912914	50.551	ng	# 65
32) Benzoic acid	7.939	122	77	2.179	ng	# 34
51) 2,6-Dinitrotoluene	9.845	165	38593	8.339	ng	# 22
57) 2,4-Dinitrotoluene	9.845	165	38593	6.424	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	26377	4.418	ng	# 1
77) Benzidine	12.927	184	26299	Below Cal	Qvalue	# 93

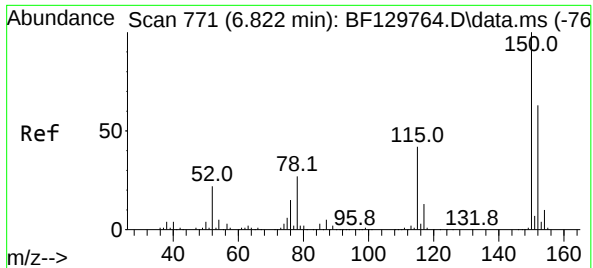
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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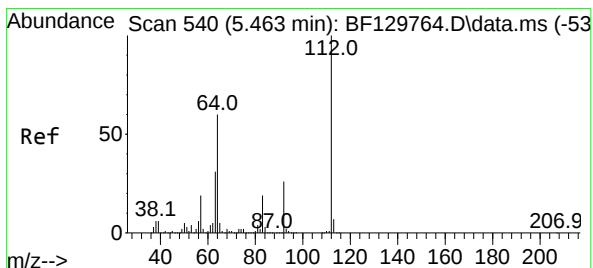
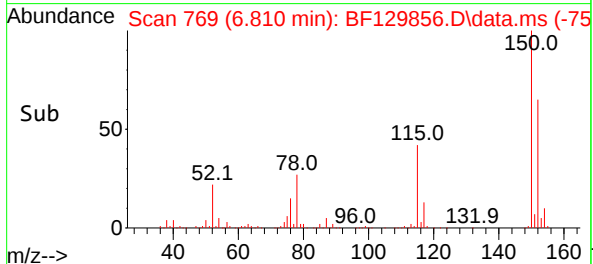
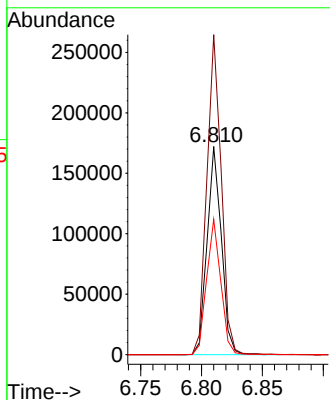
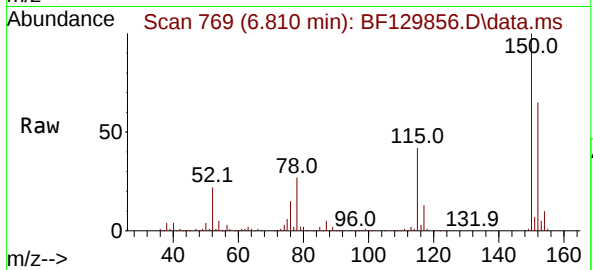




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

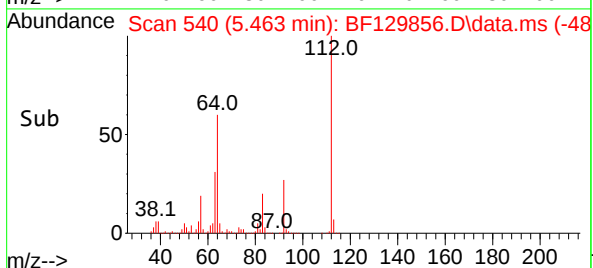
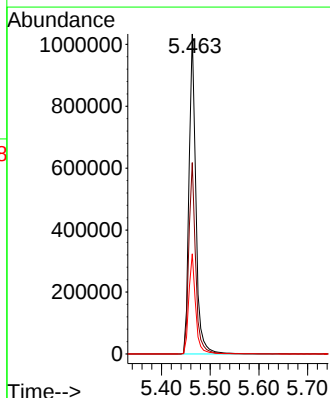
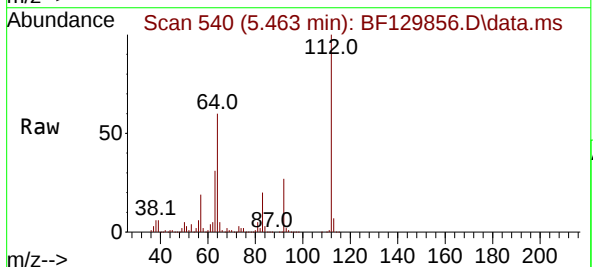
Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:152 Resp: 140265
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 65.1 53.4 80.0



#5
2-Fluorophenol
Concen: 118.670 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

Tgt Ion:112 Resp: 1005329
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 31.3 24.6 37.0





#7
Phenol-d6
Concen: 106.044 ng
RT: 6.469 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

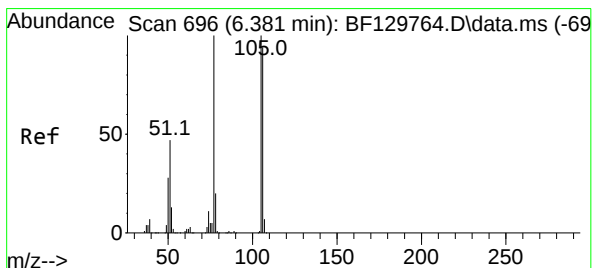
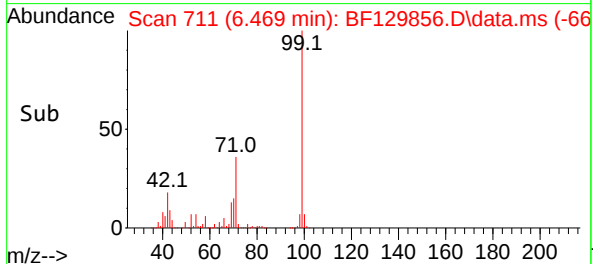
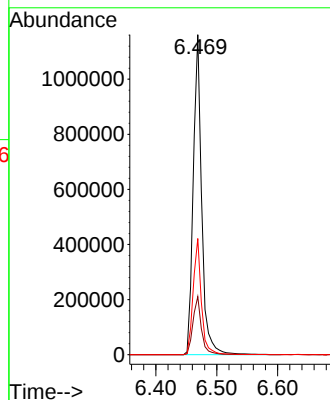
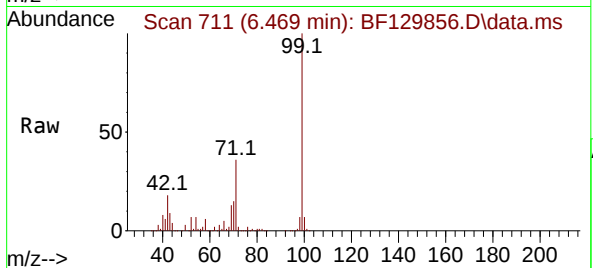
Instrument :

BNA_F

ClientSampleId :

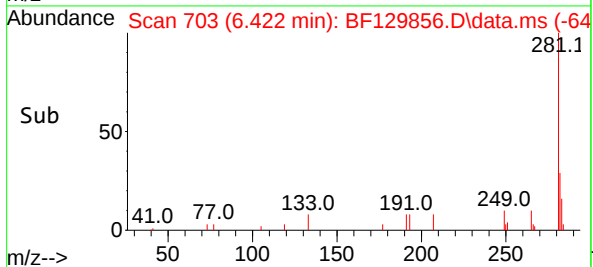
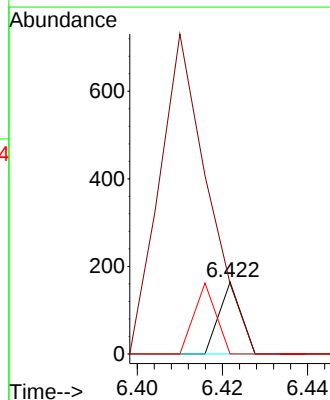
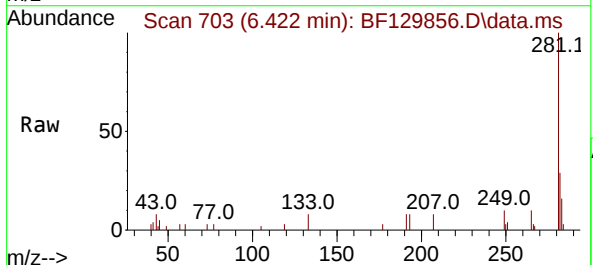
S10

Tgt Ion: 99 Resp: 1125009
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 36.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 703
Delta R.T. 0.053 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

Tgt Ion: 77 Resp: 58
Ion Ratio Lower Upper
77 100
105 97.6 80.3 120.3
106 0.0 74.3 114.3#

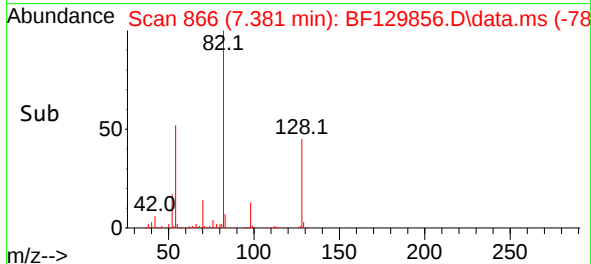
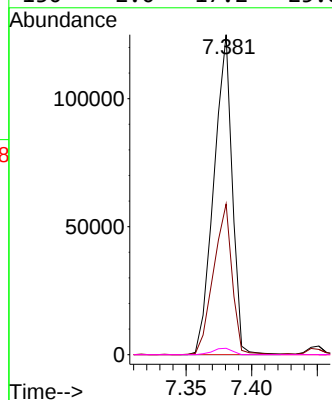
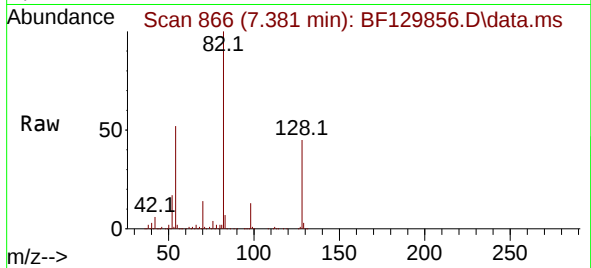




#19
n-Nitroso-di-n-propylamine
Concen: 18.128 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

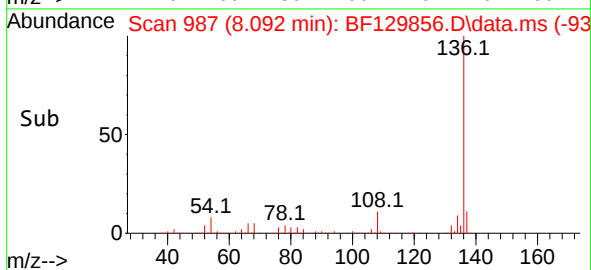
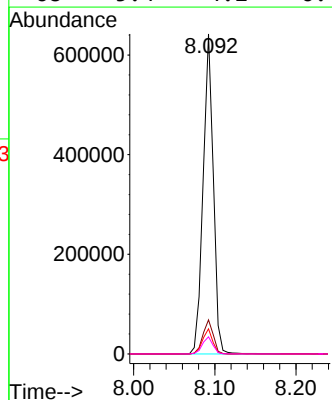
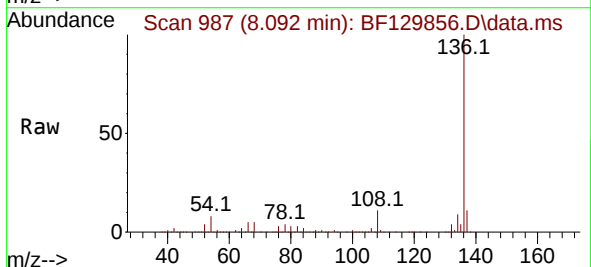
Instrument :
BNA_F
ClientSampleId :
S10

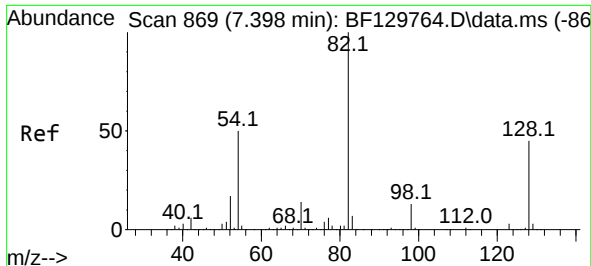
Tgt Ion: 70 Resp: 121563
Ion Ratio Lower Upper
70 100
42 47.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

Tgt Ion: 136 Resp: 561682
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.9 6.2 9.2
68 5.4 4.2 6.4

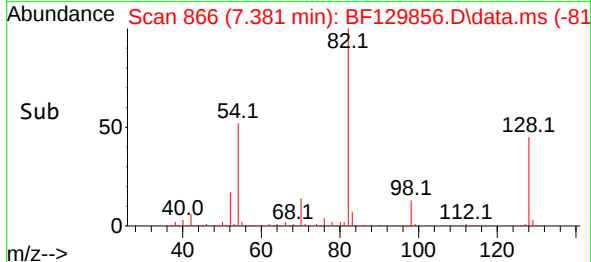
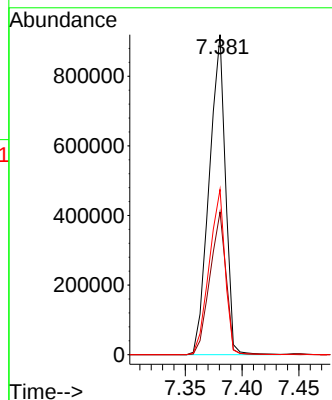
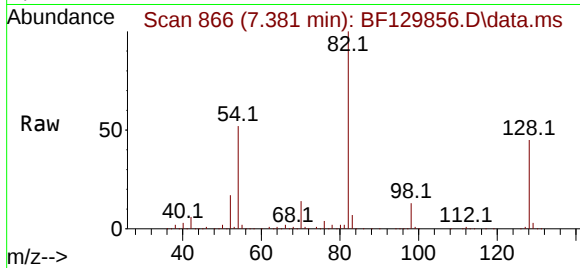




#23
Nitrobenzene-d5
Concen: 87.008 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

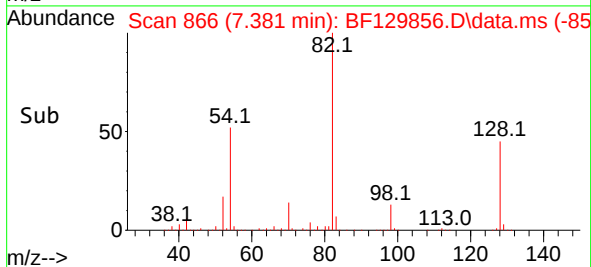
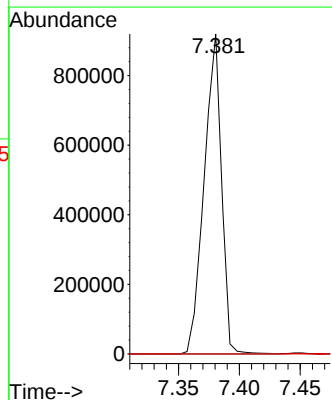
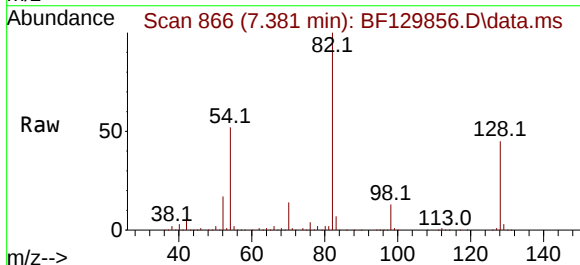
Instrument :
BNA_F
ClientSampleId :
S10

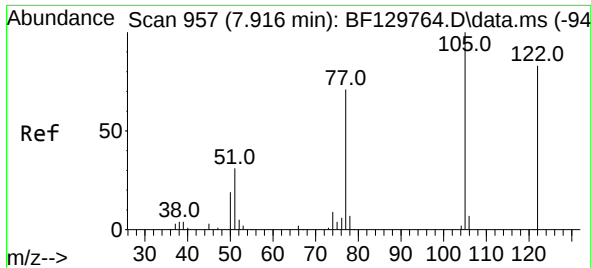
Tgt Ion: 82 Resp: 912926
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 51.6 40.0 60.0



#25
Isophorone
Concen: 50.551 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.259 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

Tgt Ion: 82 Resp: 912914
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

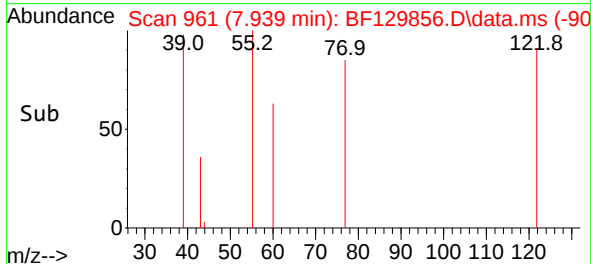
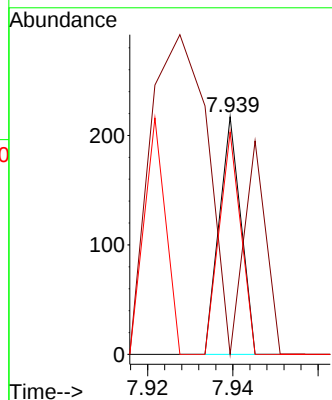
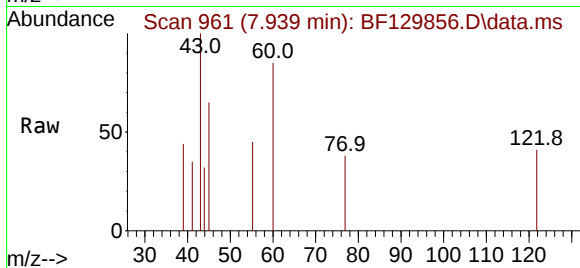




#32
Benzoic acid
Concen: 2.179 ng
RT: 7.939 min Scan# 90
Delta R.T. 0.041 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

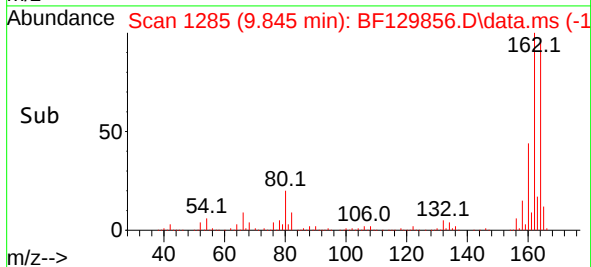
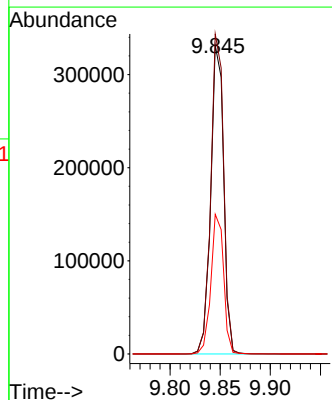
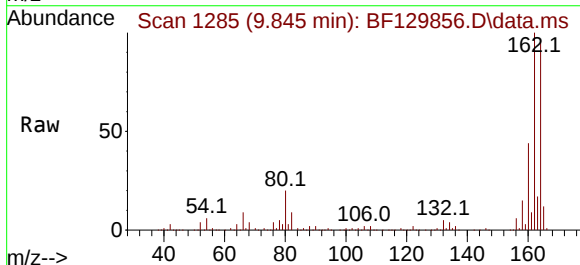
Instrument :
BNA_F
ClientSampleId :
S10

Tgt Ion:122 Resp: 77
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 93.5 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: BF129856.D
Acq: 17 Aug 2022 21:47

Tgt Ion:164 Resp: 297595
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.961 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129856.D

Acq: 17 Aug 2022 21:47

Instrument :

BNA_F

ClientSampleId :

S10

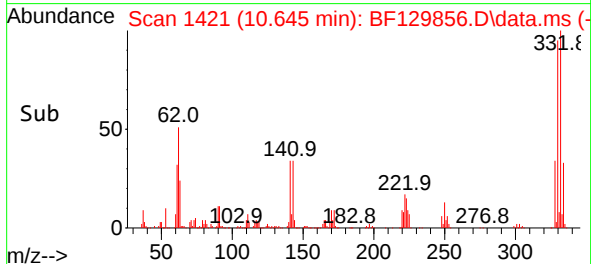
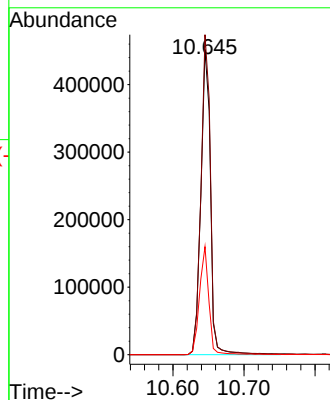
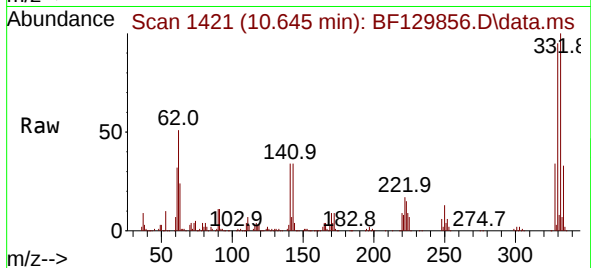
Tgt Ion:330 Resp: 426997

Ion Ratio Lower Upper

330 100

332 103.8 82.6 124.0

141 34.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.546 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129856.D

Acq: 17 Aug 2022 21:47

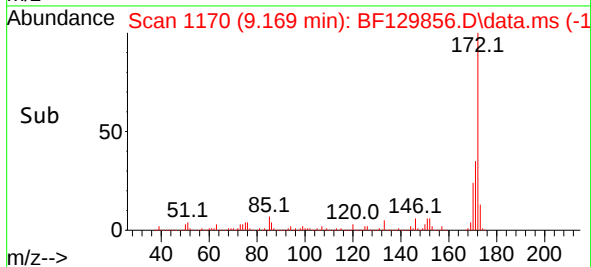
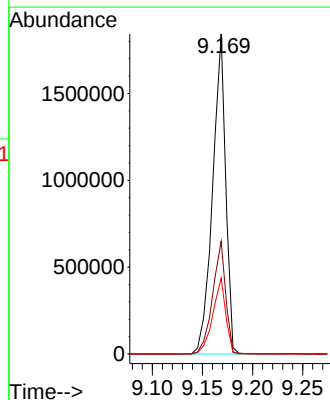
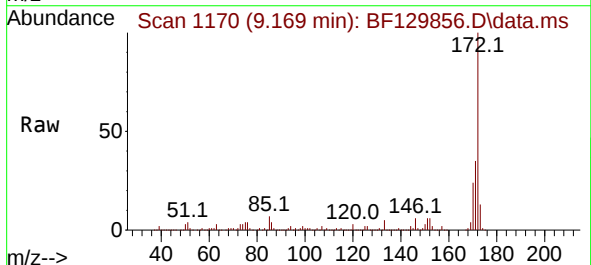
Tgt Ion:172 Resp: 1676189

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.7 19.1 28.7

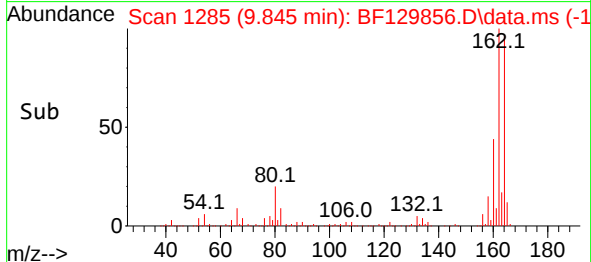
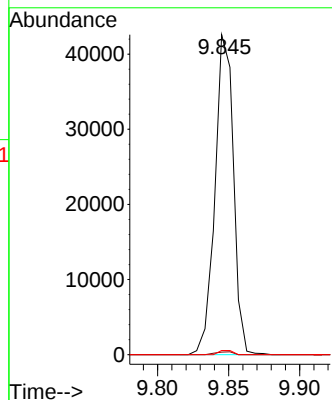
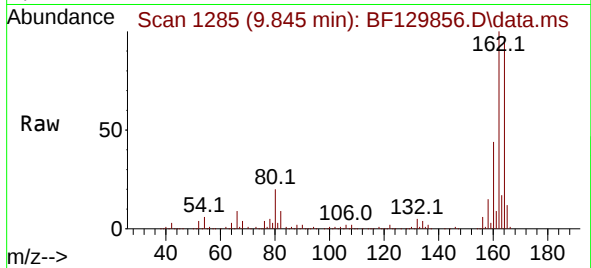




#51
2,6-Dinitrotoluene
Concen: 8.339 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

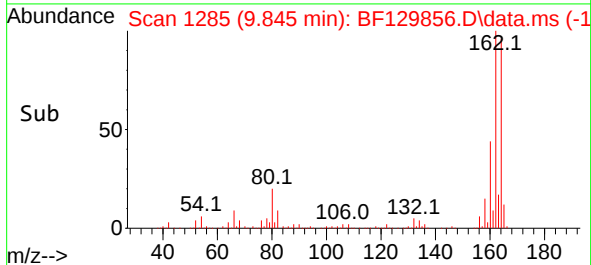
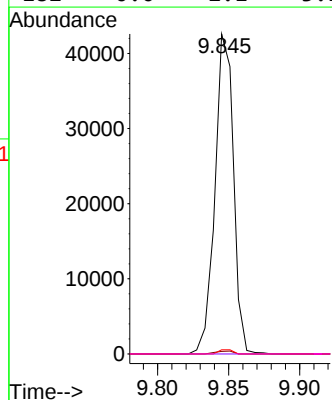
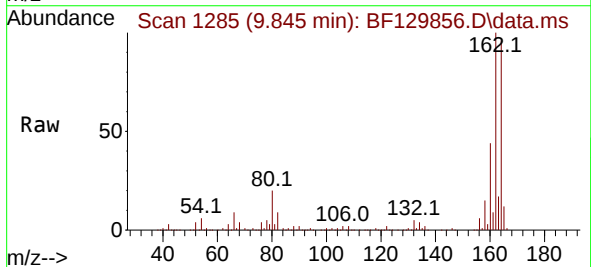
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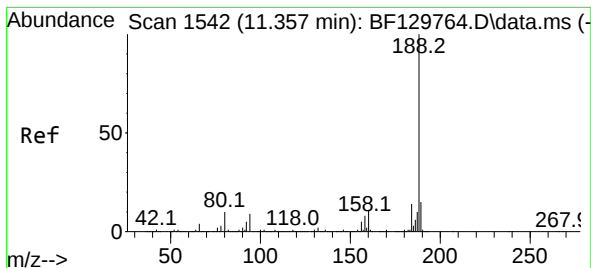
Tgt Ion:165 Resp: 38593
Ion Ratio Lower Upper
165 100
63 0.8 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.424 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129856.D
Acq: 17 Aug 2022 21:47

Tgt Ion:165 Resp: 38593
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.3 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: BF129856.D

Acq: 17 Aug 2022 21:47

Instrument :

BNA_F

ClientSampleId :

S10

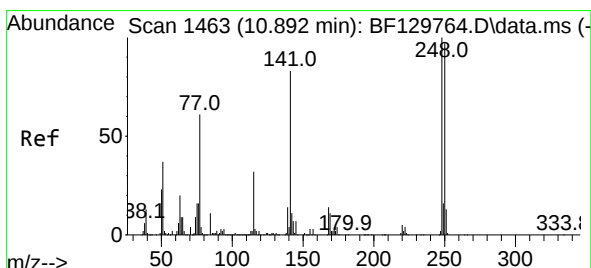
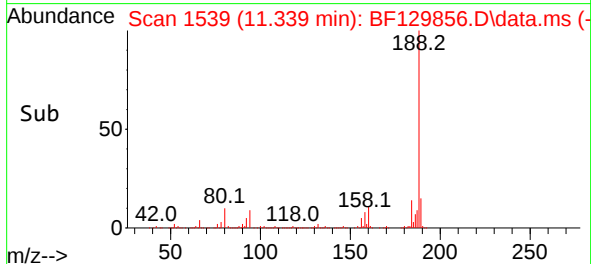
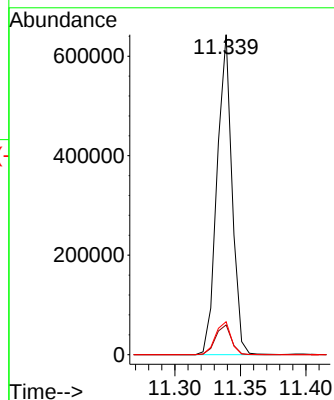
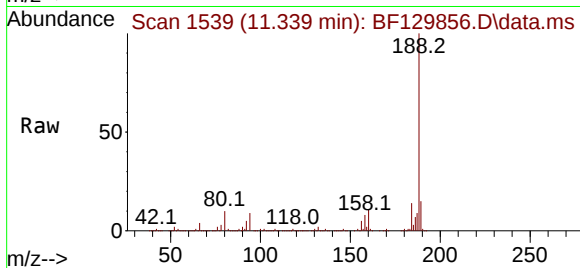
Tgt Ion:188 Resp: 509785

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.3 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.418 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.235 min

Lab File: BF129856.D

Acq: 17 Aug 2022 21:47

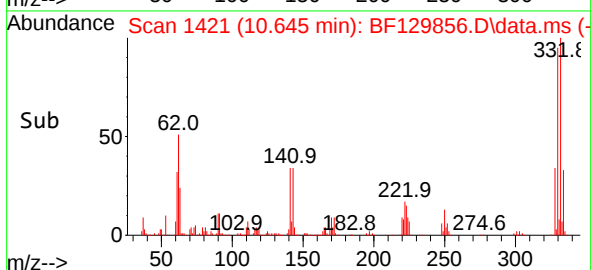
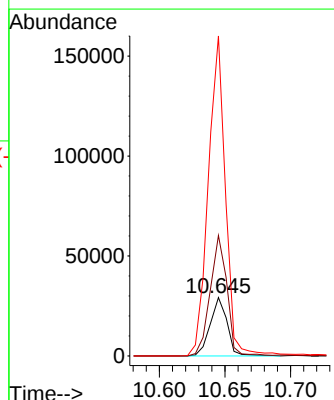
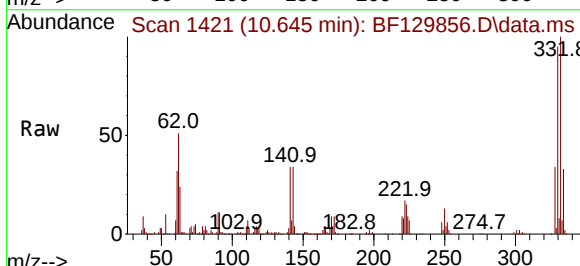
Tgt Ion:248 Resp: 26377

Ion Ratio Lower Upper

248 100

250 206.4 77.8 116.6#

141 548.5 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF129856.D

Acq: 17 Aug 2022 21:47

Instrument :

BNA_F

ClientSampleId :

S10

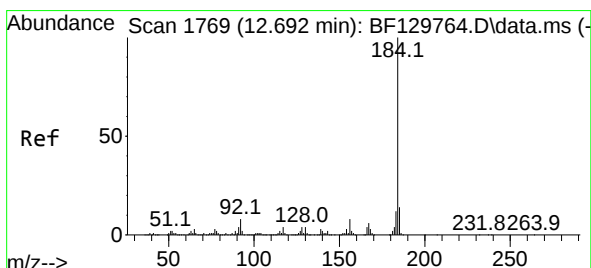
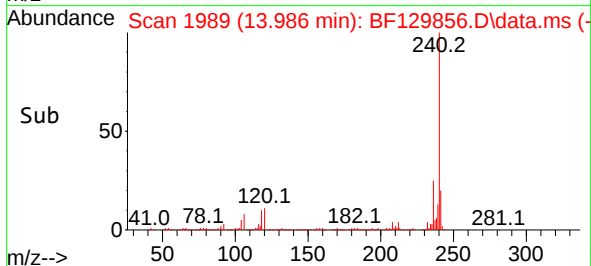
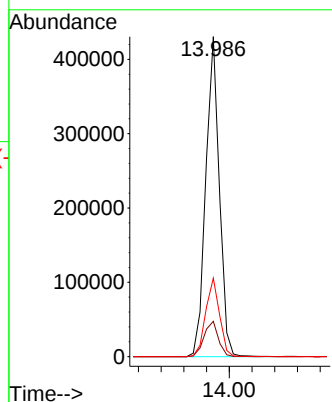
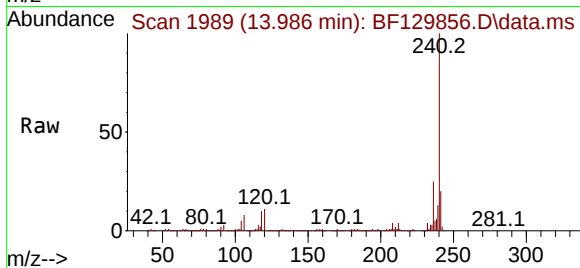
Tgt Ion:240 Resp: 356898

Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

236 24.5 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.927 min Scan# 1809

Delta R.T. 0.247 min

Lab File: BF129856.D

Acq: 17 Aug 2022 21:47

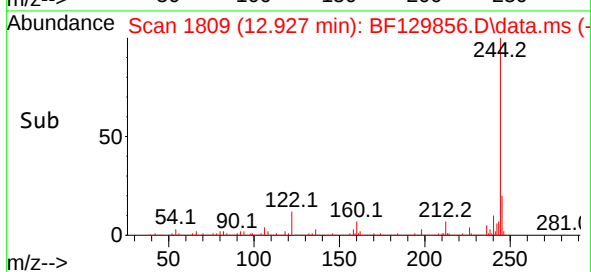
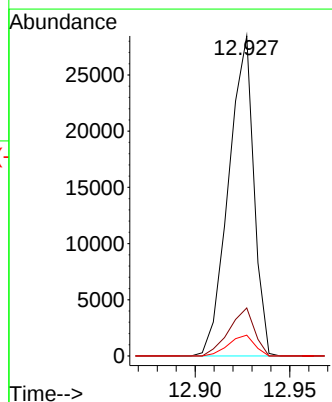
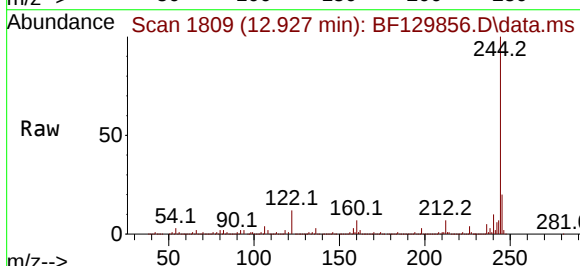
Tgt Ion:184 Resp: 26299

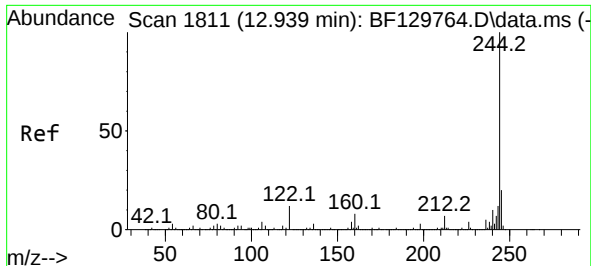
Ion Ratio Lower Upper

184 100

185 15.0 11.4 17.2

183 6.5 9.4 14.2#

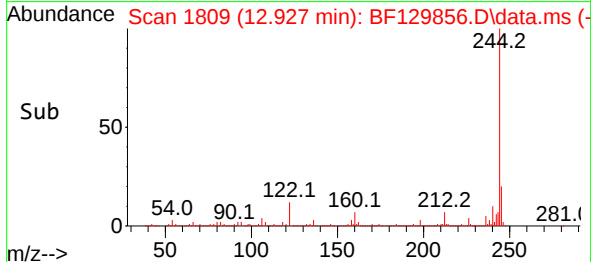
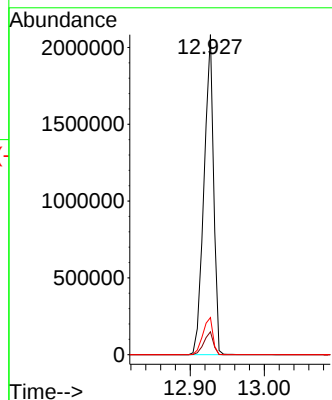
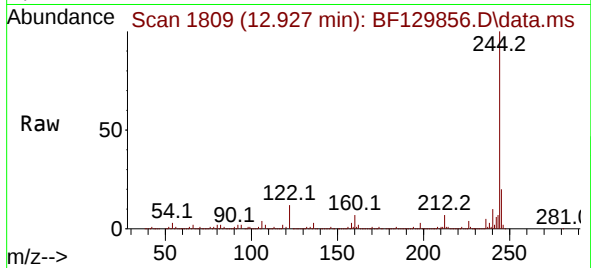




#79
 Terphenyl-d14
 Concen: 87.912 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF129856.D
 Acq: 17 Aug 2022 21:47

Instrument :
 BNA_F
 ClientSampleId :
 S10

Tgt Ion:244 Resp: 1885636
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.6 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: BF129856.D
 Acq: 17 Aug 2022 21:47

Tgt Ion:264 Resp: 248512
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 22.6 16.7 25.1

