

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129855.D
 Acq On : 17 Aug 2022 21:15
 Operator : CG\JU
 Sample : N4188-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S14

Quant Time: Aug 18 05:36:59 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)

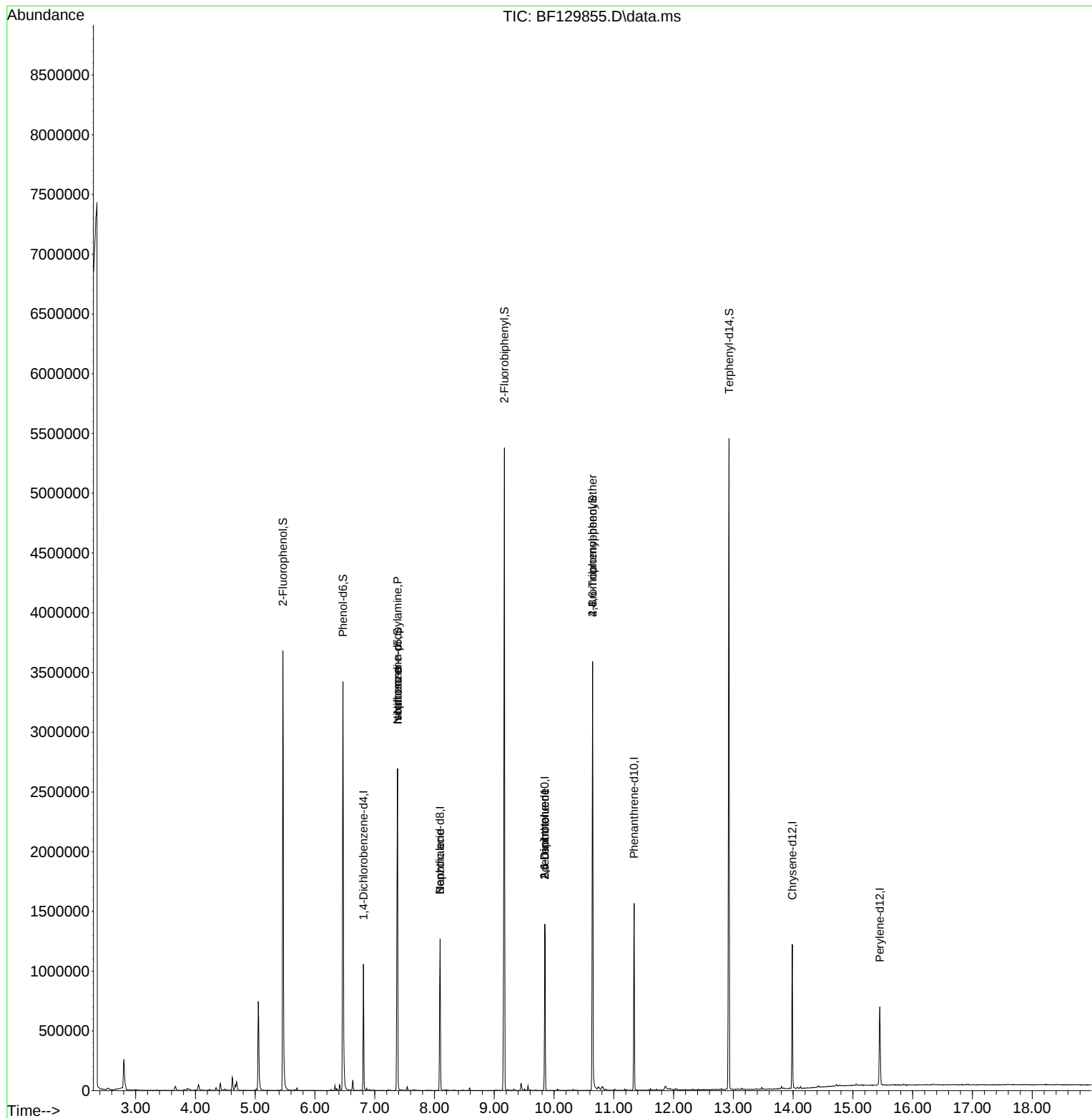
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	139798	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	558371	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	298995	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	517534	20.000	ng	0.00
76) Chrysene-d12	13.986	240	374464	20.000	ng	0.00
86) Perylene-d12	15.451	264	284927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1033545	122.408	ng	0.01
7) Phenol-d6	6.469	99	1163061	109.997	ng	0.00
23) Nitrobenzene-d5	7.381	82	910848	87.324	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	425653	141.844	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1665525	84.604	ng	0.00
79) Terphenyl-d14	12.927	244	1871577	83.164	ng	0.00
Target Compounds						
9) Benzaldehyde	6.363	77	681	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.381	70	121535	18.185	ng	# 76
25) Isophorone	7.381	82	910838	50.735	ng	# 65
32) Benzoic acid	8.092	122	63	2.173	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	38377	8.254	ng	# 23
57) 2,4-Dinitrotoluene	9.845	165	38377	6.358	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	27538	4.543	ng	# 1
77) Benzidine	12.927	184	25739	Below Cal	Qvalue	# 93

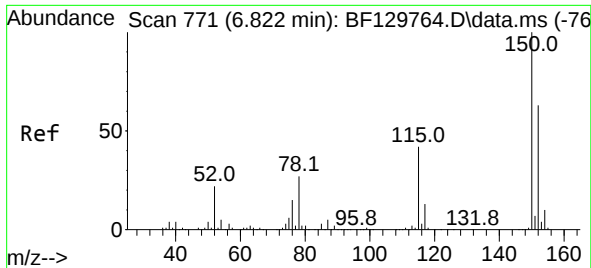
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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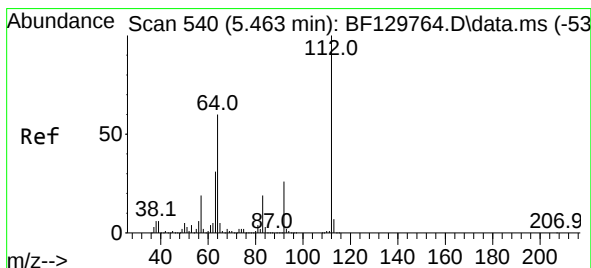
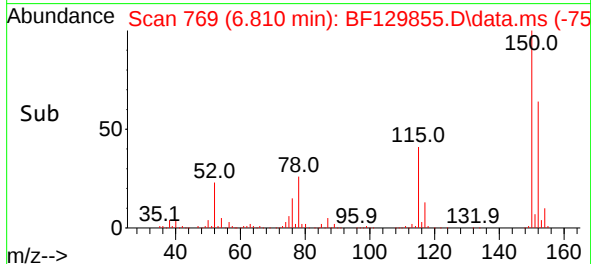
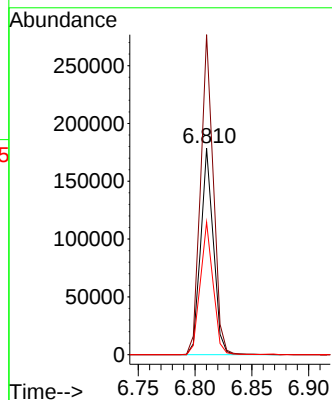
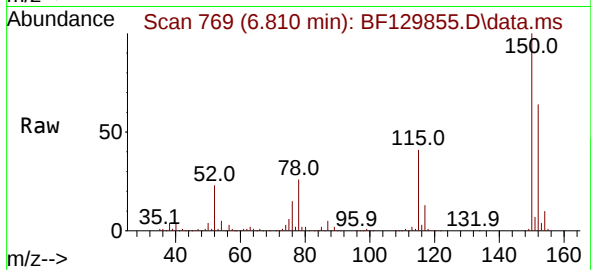




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

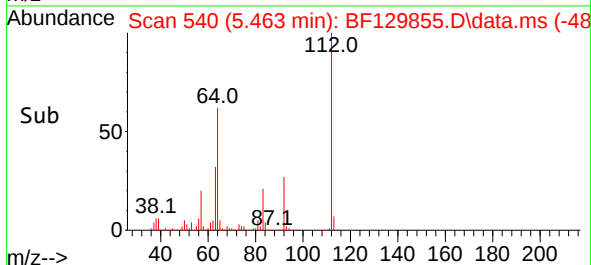
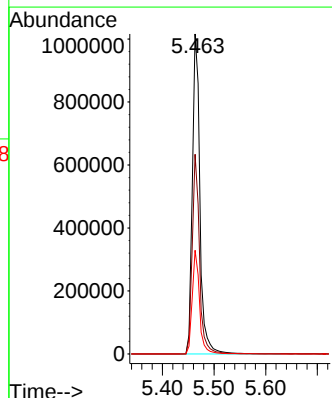
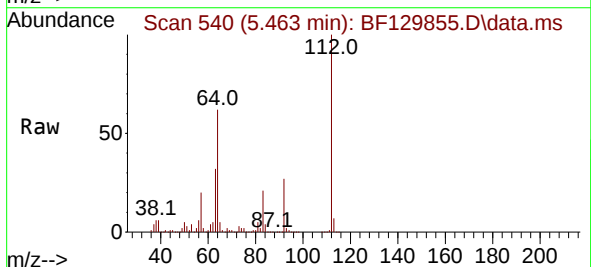
Instrument :
BNA_F
ClientSampleId :
S14

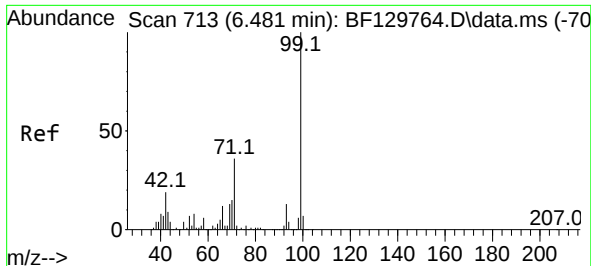
Tgt Ion:152 Resp: 139798
Ion Ratio Lower Upper
152 100
150 155.1 126.9 190.3
115 64.2 53.4 80.0



#5
2-Fluorophenol
Concen: 122.408 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion:112 Resp: 1033545
Ion Ratio Lower Upper
112 100
64 62.4 47.6 71.4
63 32.4 24.6 37.0

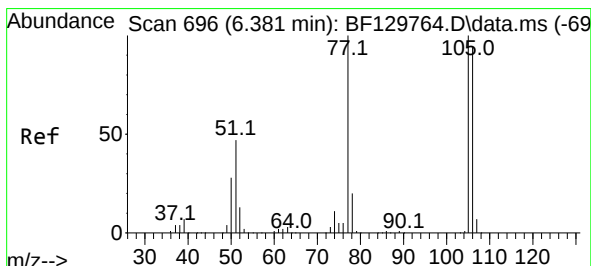
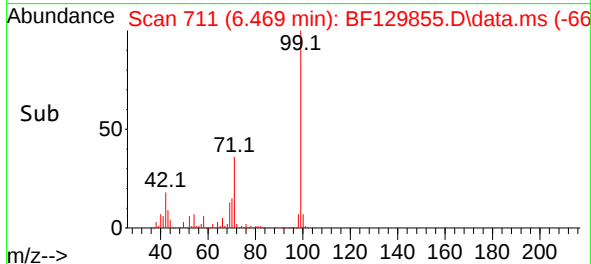
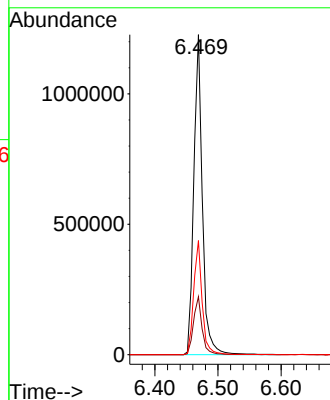
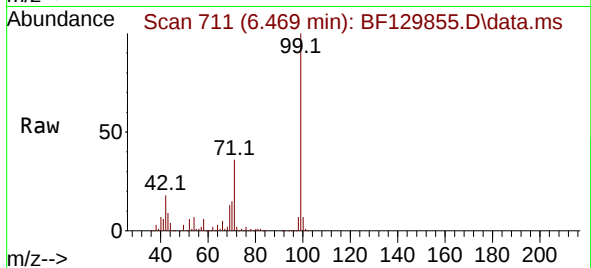




#7
Phenol-d6
Concen: 109.997 ng
RT: 6.469 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

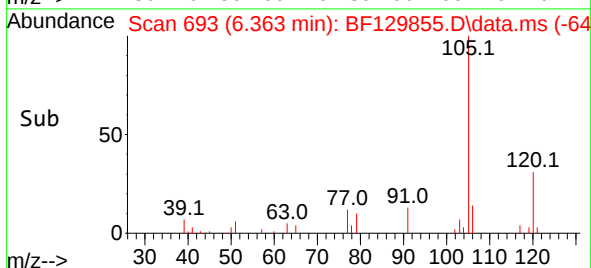
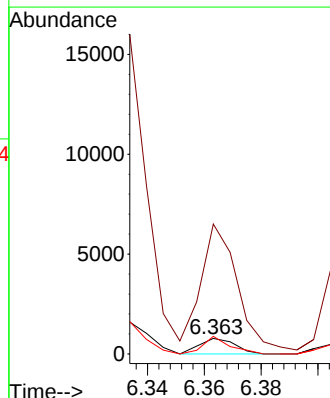
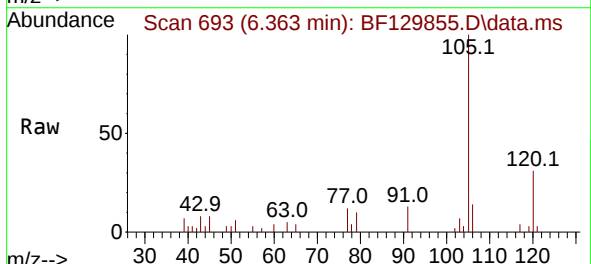
Instrument :
BNA_F
ClientSampleId :
S14

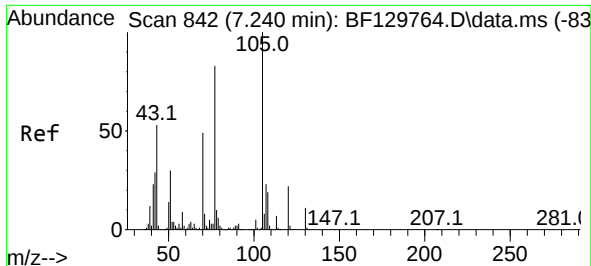
Tgt Ion: 99 Resp: 1163061
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.7 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.363 min Scan# 693
Delta R.T. -0.006 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion: 77 Resp: 681
Ion Ratio Lower Upper
77 100
105 839.2 80.3 120.3#
106 113.5 74.3 114.3

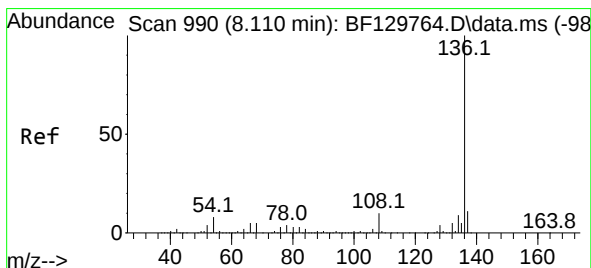
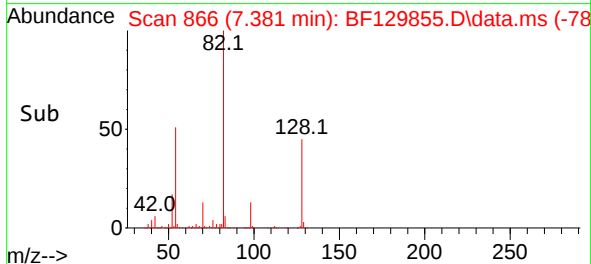
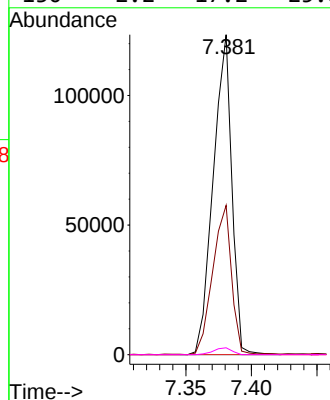
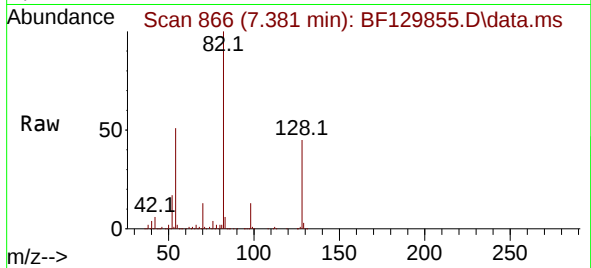




#19
n-Nitroso-di-n-propylamine
Concen: 18.185 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

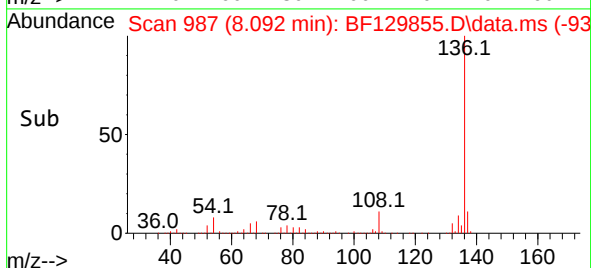
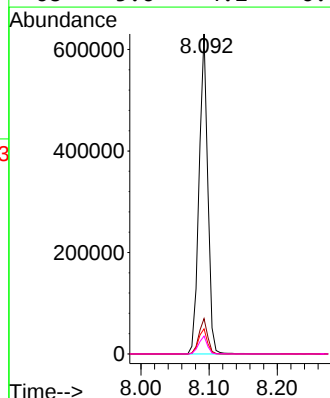
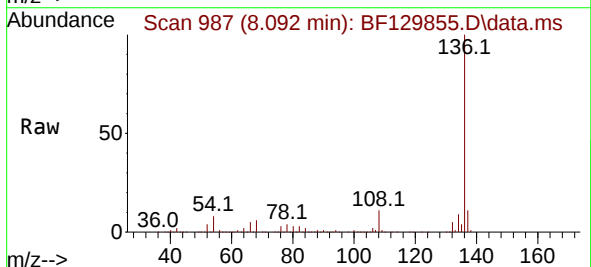
Instrument :
BNA_F
ClientSampleId :
S14

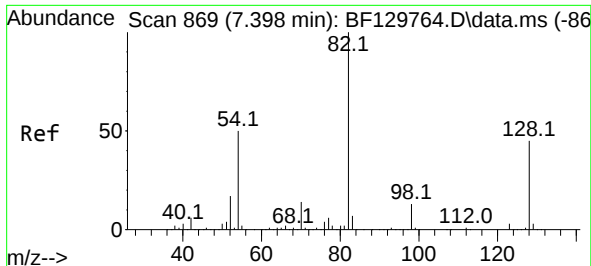
Tgt Ion: 70 Resp: 121535
Ion Ratio Lower Upper
70 100
42 46.7 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion: 136 Resp: 558371
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.9 6.2 9.2
68 5.6 4.2 6.4

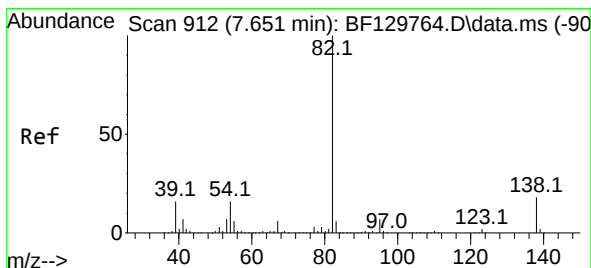
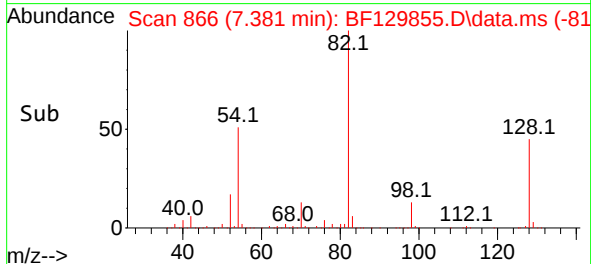
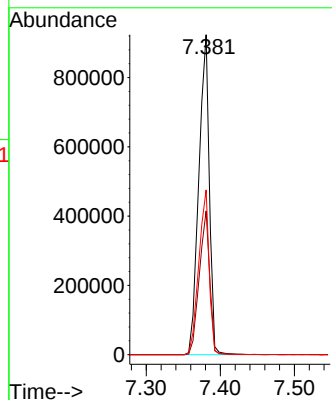
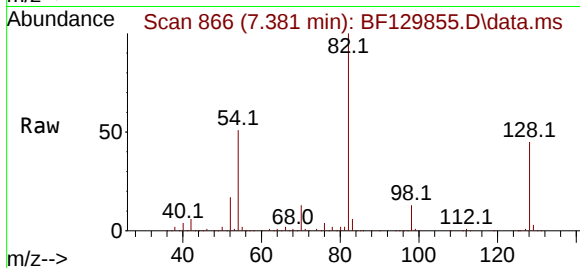




#23
Nitrobenzene-d5
Concen: 87.324 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

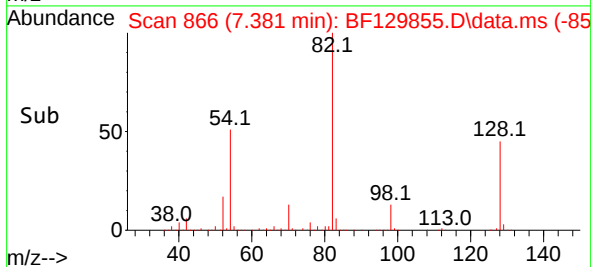
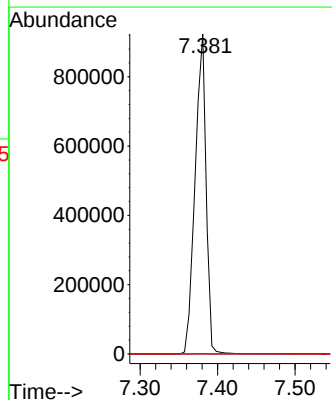
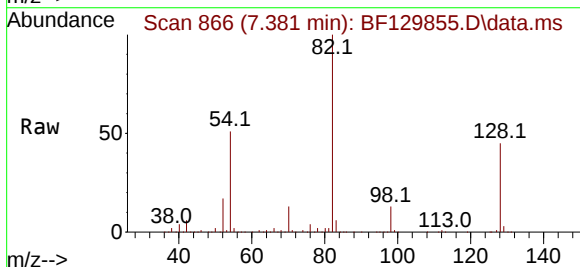
Instrument :
BNA_F
ClientSampleId :
S14

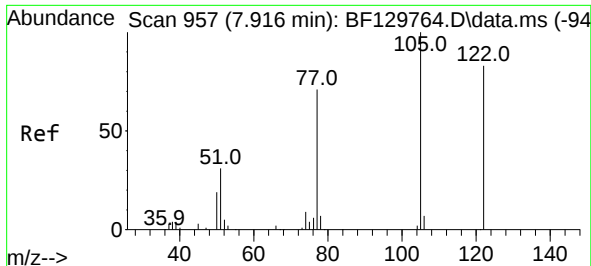
Tgt Ion: 82 Resp: 910848
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 51.5 40.0 60.0



#25
Isophorone
Concen: 50.735 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.259 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion: 82 Resp: 910838
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

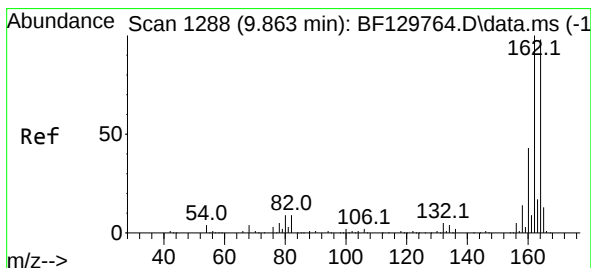
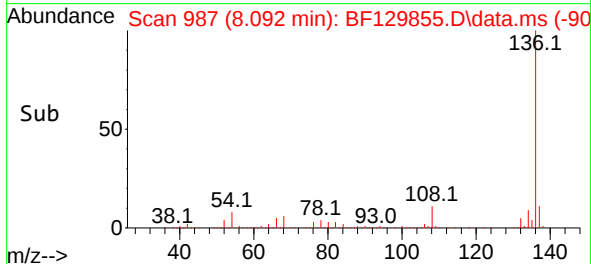
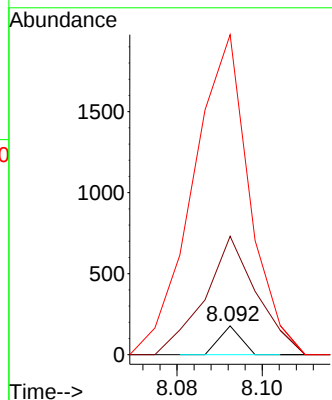
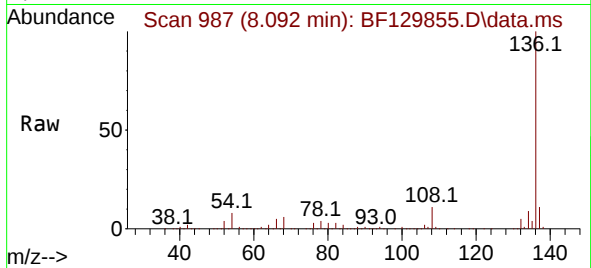




#32
Benzoic acid
Concen: 2.173 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

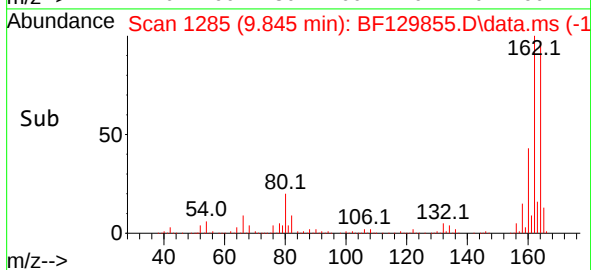
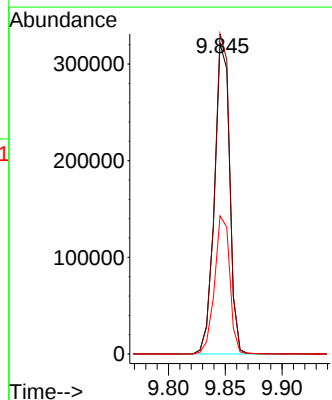
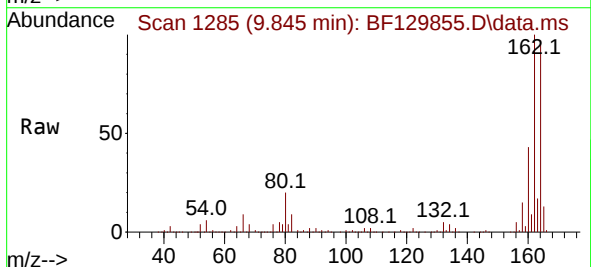
Instrument :
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ClientSampleId :
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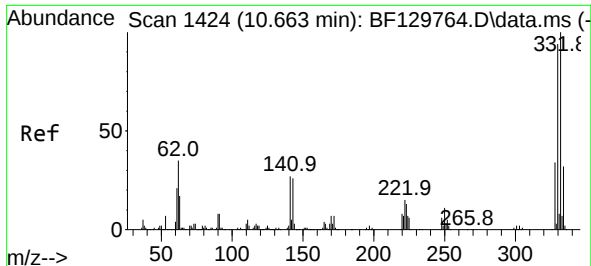
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 410.7 99.9 139.9#
77 1109.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion:164 Resp: 298995
Ion Ratio Lower Upper
164 100
162 103.0 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 141.844 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129855.D

Acq: 17 Aug 2022 21:15

Instrument :

BNA_F

ClientSampleId :

S14

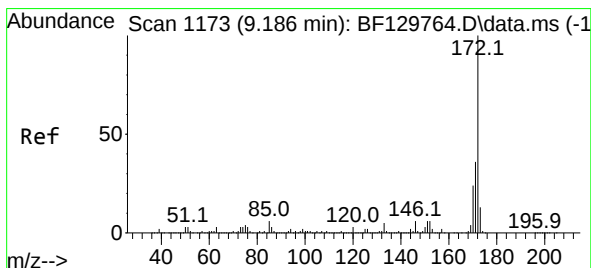
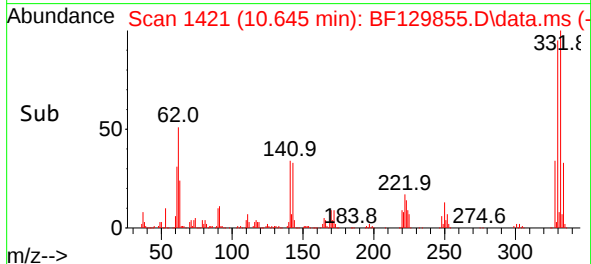
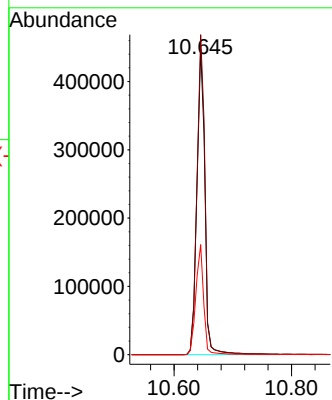
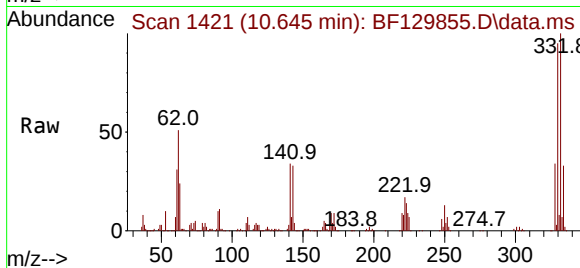
Tgt Ion:330 Resp: 425653

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 35.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 84.604 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129855.D

Acq: 17 Aug 2022 21:15

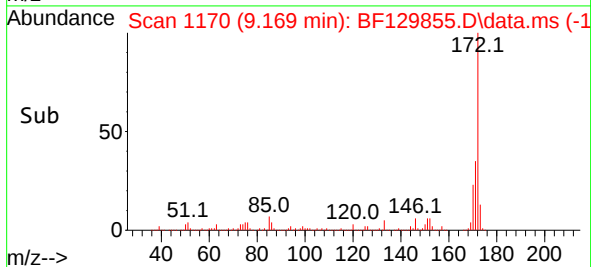
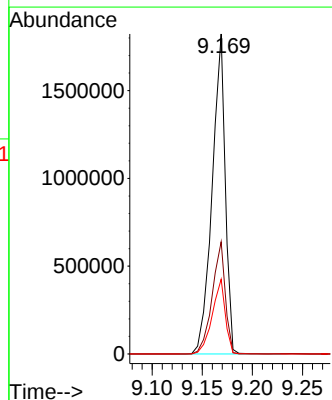
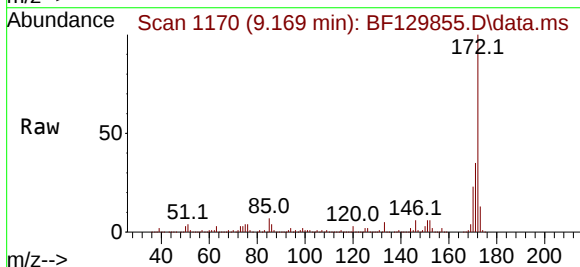
Tgt Ion:172 Resp: 1665525

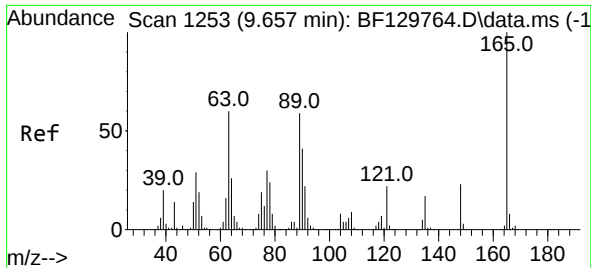
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.3 19.1 28.7

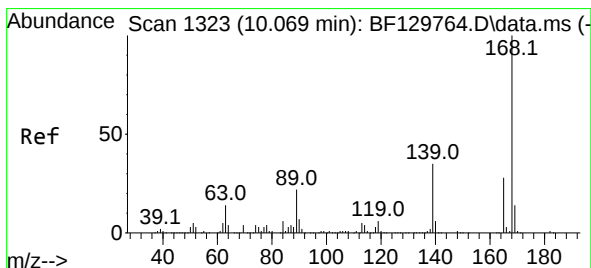
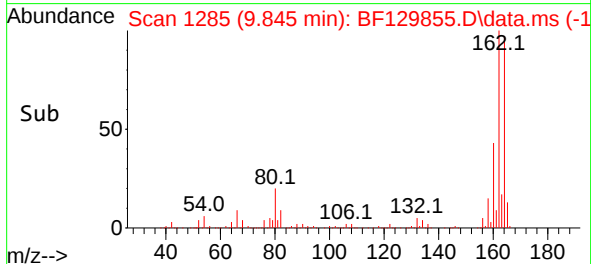
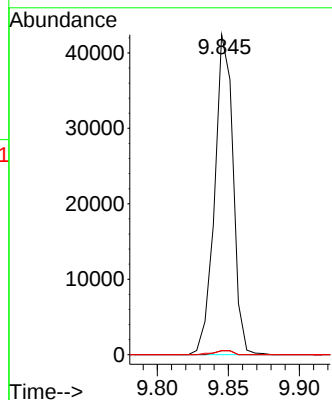
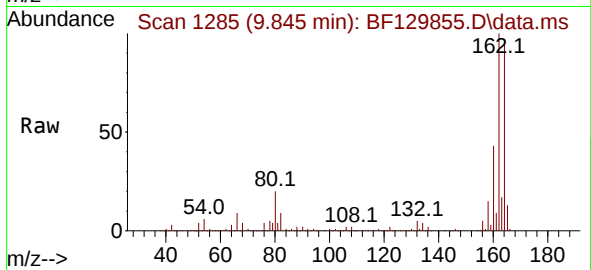




#51
2,6-Dinitrotoluene
Concen: 8.254 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

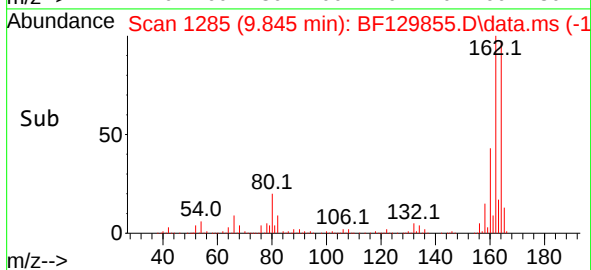
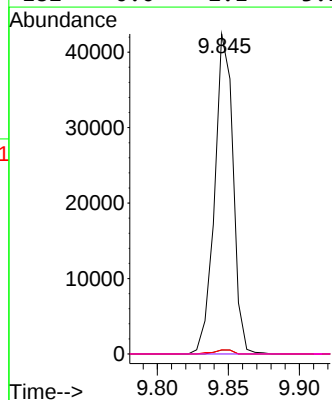
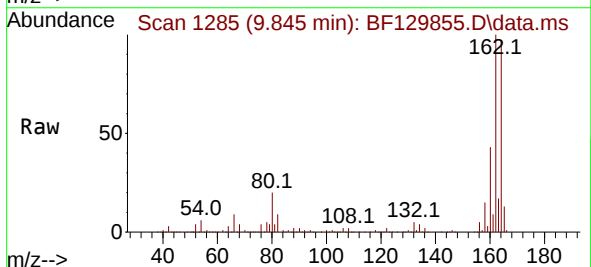
Instrument :
BNA_F
ClientSampleId :
S14

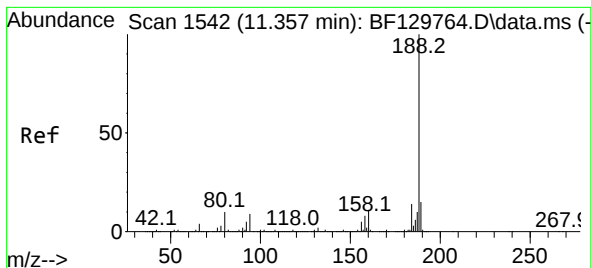
Tgt Ion:165 Resp: 38377
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.358 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129855.D
Acq: 17 Aug 2022 21:15

Tgt Ion:165 Resp: 38377
Ion Ratio Lower Upper
165 100
63 1.2 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: BF129855.D

Acq: 17 Aug 2022 21:15

Instrument :

BNA_F

ClientSampleId :

S14

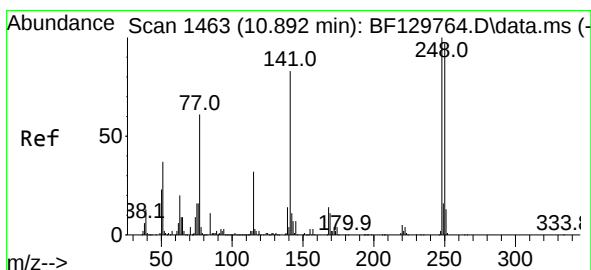
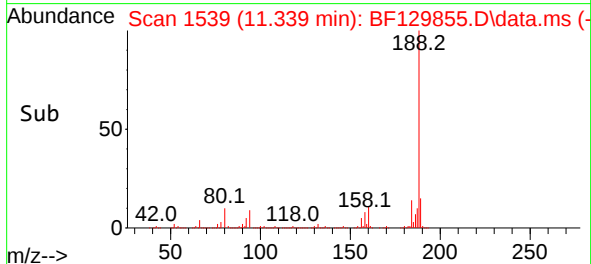
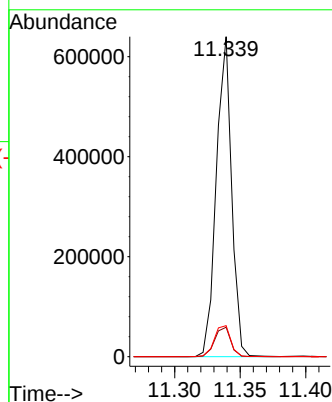
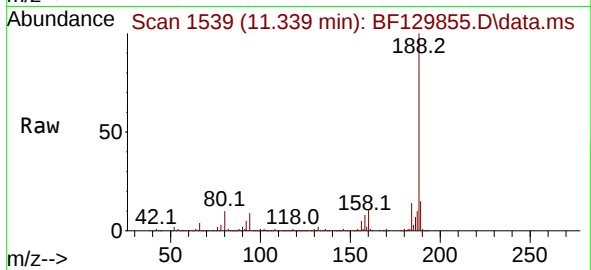
Tgt Ion:188 Resp: 517534

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.543 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.235 min

Lab File: BF129855.D

Acq: 17 Aug 2022 21:15

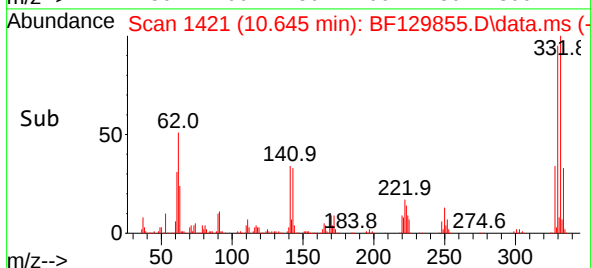
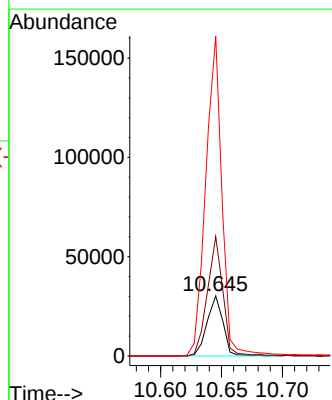
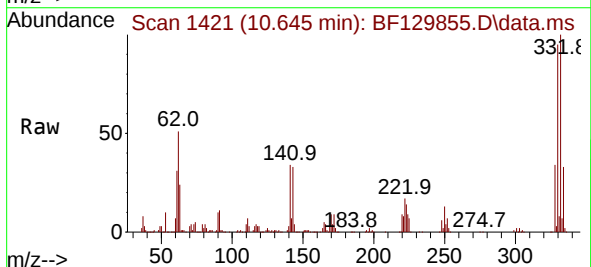
Tgt Ion:248 Resp: 27538

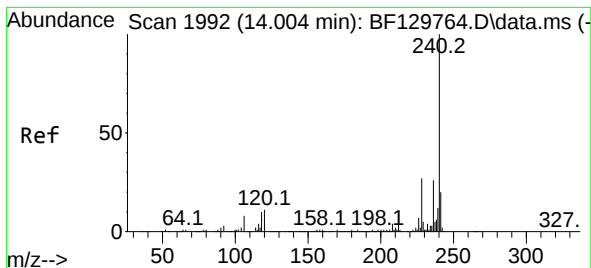
Ion Ratio Lower Upper

248 100

250 198.7 77.8 116.6#

141 532.9 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: BF129855.D

Acq: 17 Aug 2022 21:15

Instrument :

BNA_F

ClientSampleId :

S14

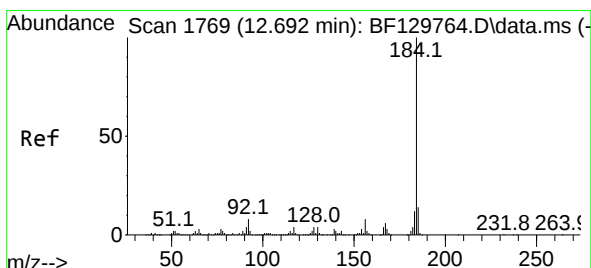
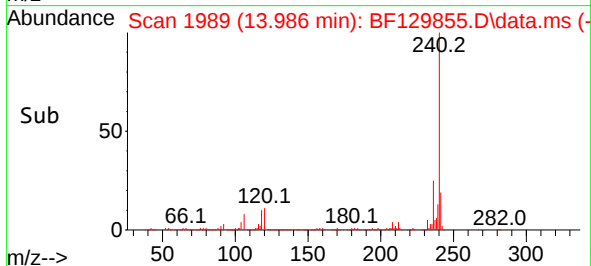
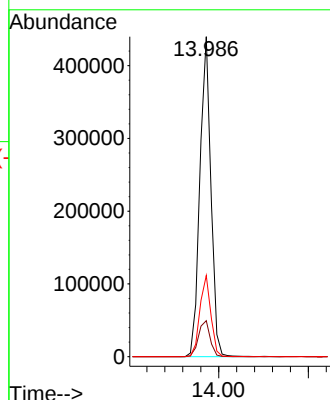
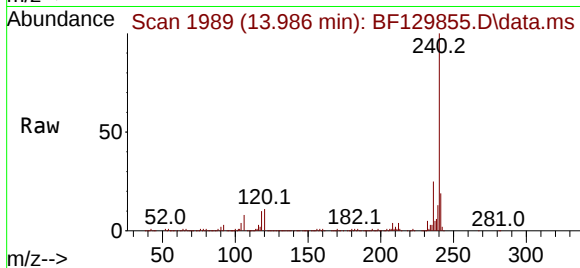
Tgt Ion:240 Resp: 374464

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 25.3 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.927 min Scan# 1809

Delta R.T. 0.247 min

Lab File: BF129855.D

Acq: 17 Aug 2022 21:15

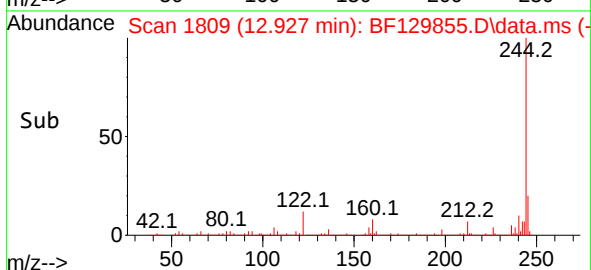
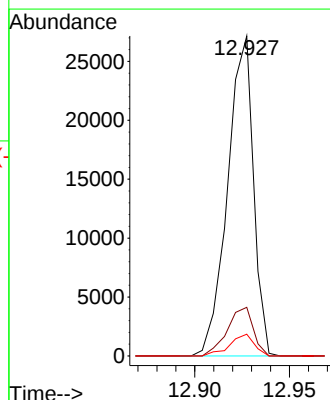
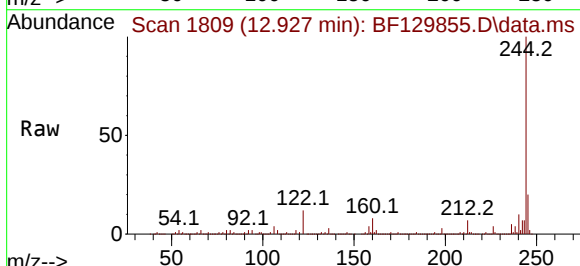
Tgt Ion:184 Resp: 25739

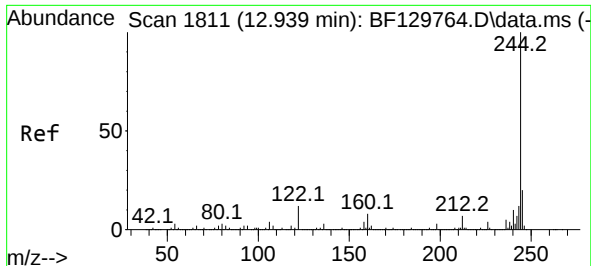
Ion Ratio Lower Upper

184 100

185 15.2 11.4 17.2

183 6.8 9.4 14.2#

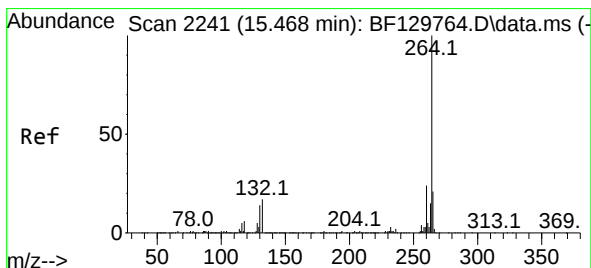
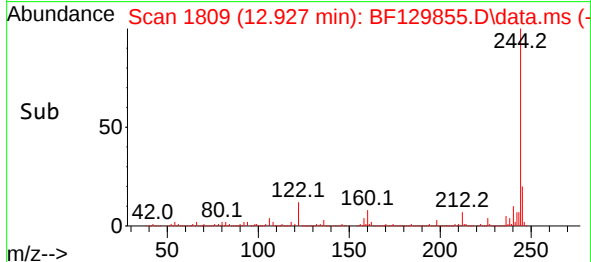
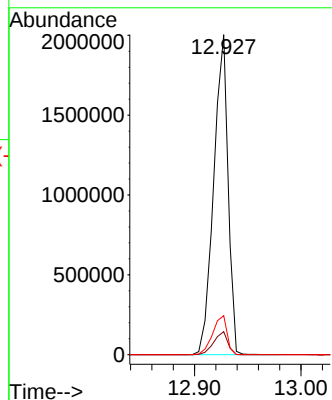
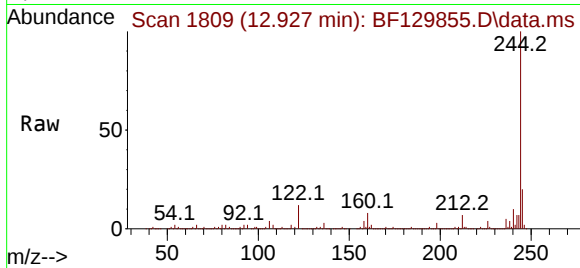




#79
 Terphenyl-d14
 Concen: 83.164 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF129855.D
 Acq: 17 Aug 2022 21:15

Instrument :
 BNA_F
 ClientSampleId :
 S14

Tgt Ion:244 Resp: 1871577
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.2 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: BF129855.D
 Acq: 17 Aug 2022 21:15

Tgt Ion:264 Resp: 284927
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.5 16.7 25.1

