

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129958.D
 Acq On : 23 Aug 2022 17:48
 Operator : CG\JU
 Sample : N4120-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLDG-19C

Quant Time: Aug 24 01:56:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

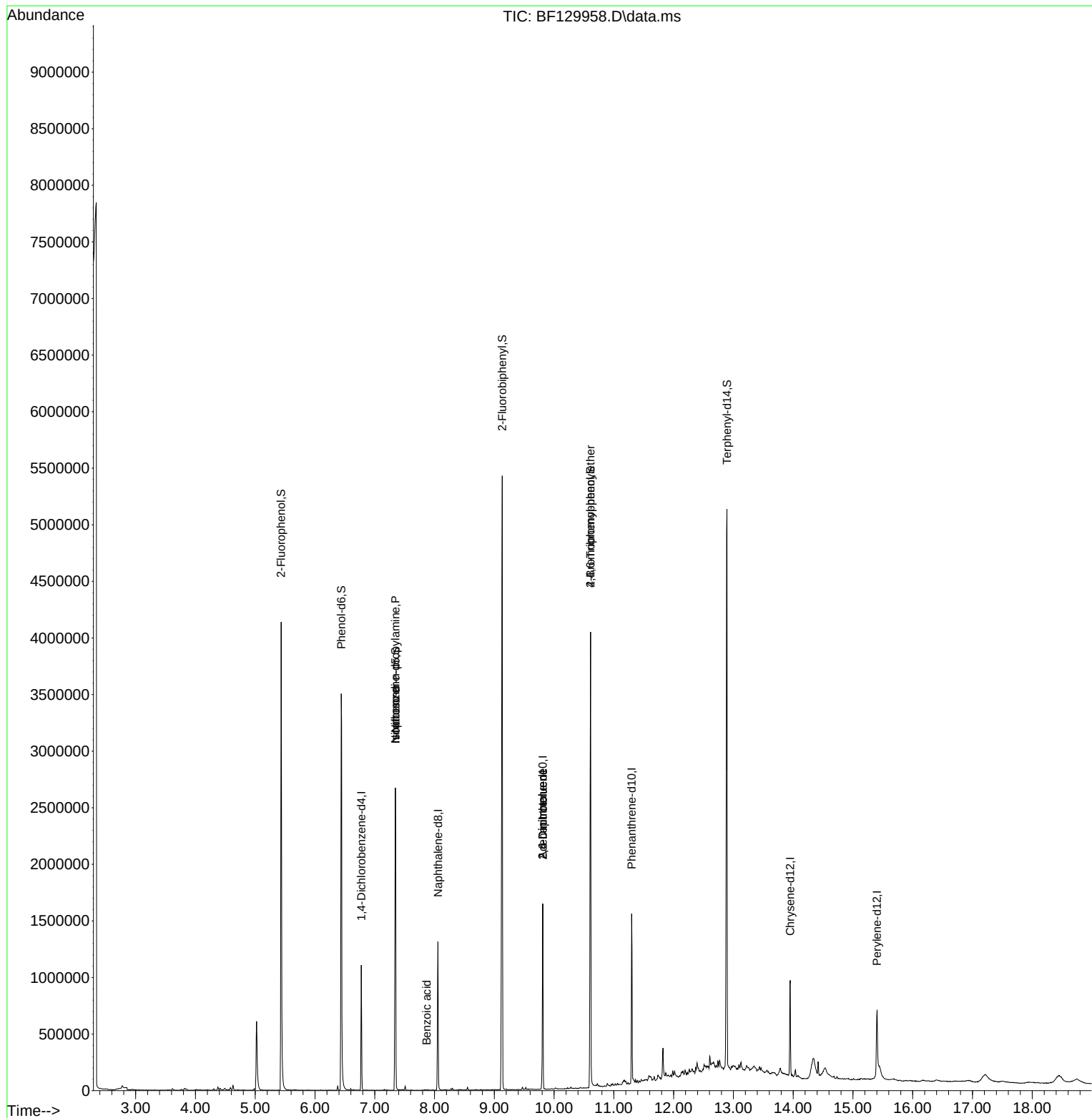
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	144663	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	588037	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	312830	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	505589	20.000	ng	0.00
76) Chrysene-d12	13.951	240	288027	20.000	ng	0.00
86) Perylene-d12	15.404	264	246742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1086954	124.404	ng	0.02
7) Phenol-d6	6.440	99	1294777	118.336	ng	0.00
23) Nitrobenzene-d5	7.345	82	967099	88.040	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	453317	144.381	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1816777	88.205	ng	0.00
79) Terphenyl-d14	12.892	244	1784516	103.092	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.363	77	703	Below Cal	#	70
19) n-Nitroso-di-n-propyla...	7.345	70	131067	18.951	ng	# 79
25) Isophorone	7.345	82	967196	51.157	ng	# 65
32) Benzoic acid	7.869	122	1341	2.654	ng	# 58
51) 2,6-Dinitrotoluene	9.810	165	40243	8.272	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	40243	6.373	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	28457	4.806	ng	# 1
77) Benzidine	12.892	184	26167	Below Cal		97

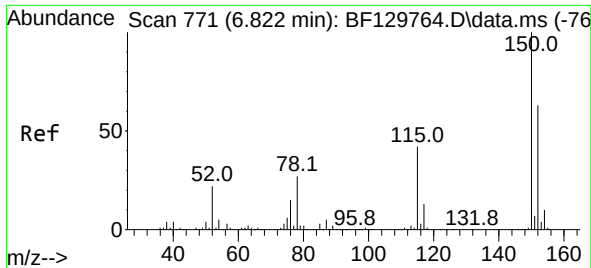
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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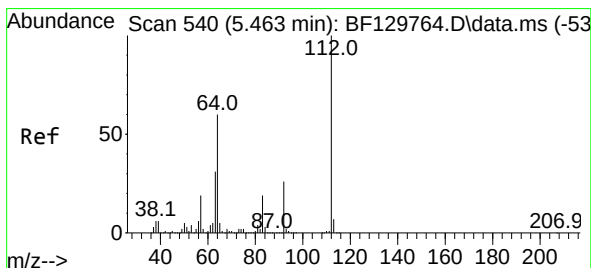
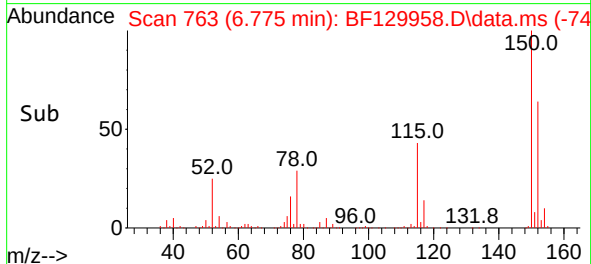
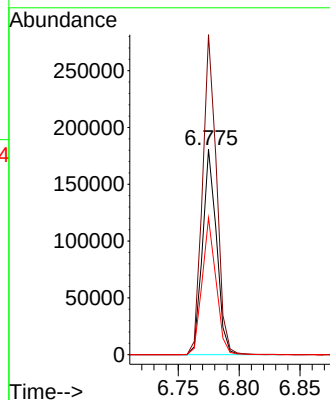
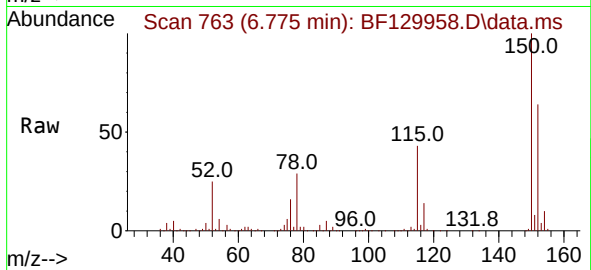




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

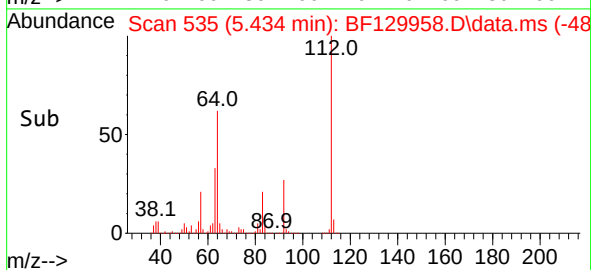
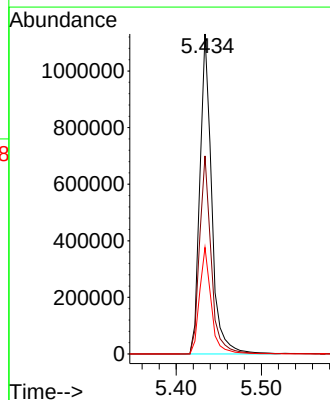
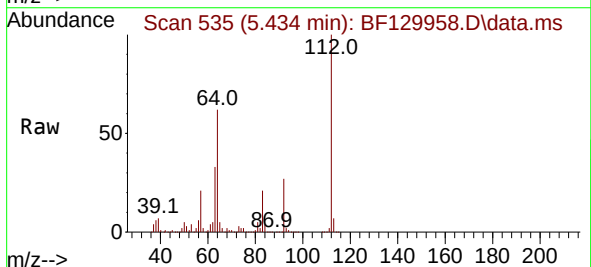
Instrument :
BNA_F
ClientSampleId :
BLDG-19C

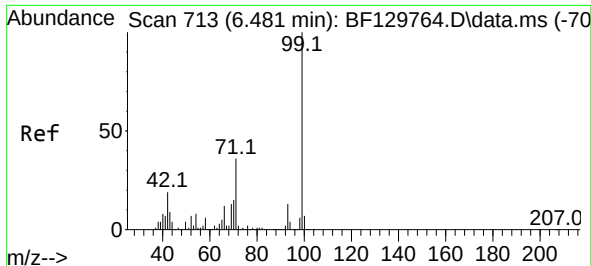
Tgt Ion:152 Resp: 144663
Ion Ratio Lower Upper
152 100
150 155.9 126.9 190.3
115 66.7 53.4 80.0



#5
2-Fluorophenol
Concen: 124.404 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.024 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion:112 Resp: 1086954
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 33.3 24.6 37.0

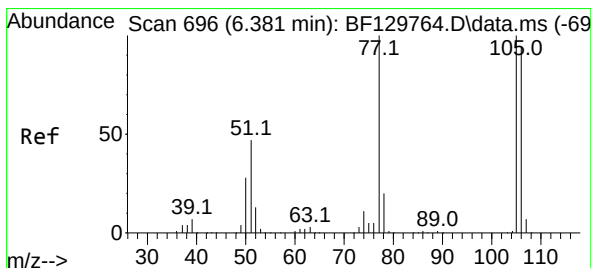
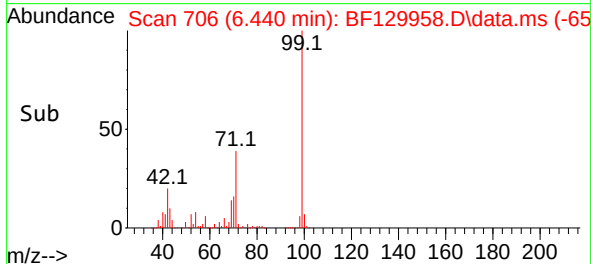
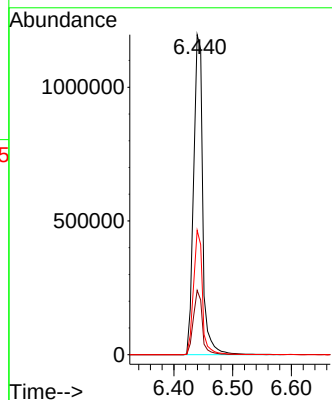
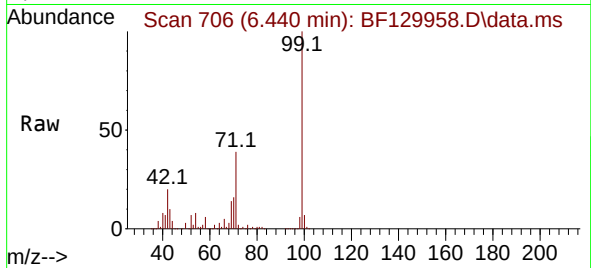




#7
Phenol-d6
Concen: 118.336 ng
RT: 6.440 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

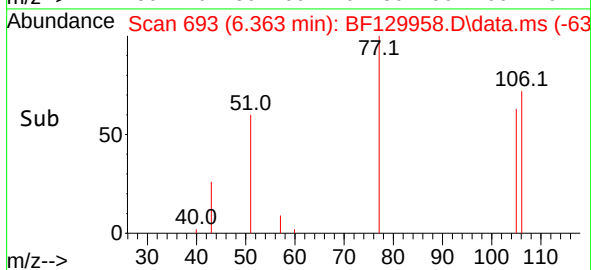
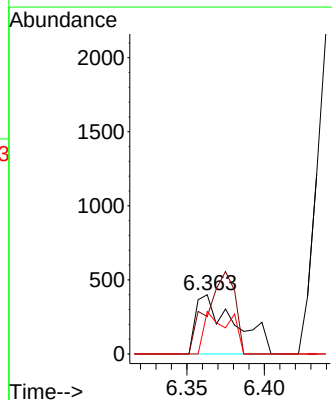
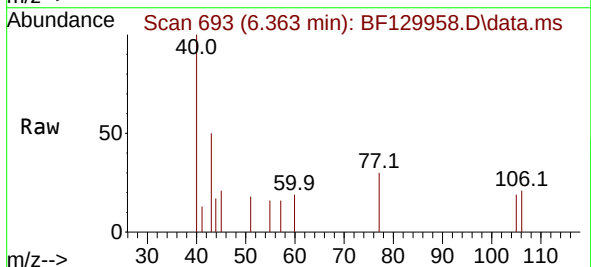
Instrument :
BNA_F
ClientSampleId :
BLDG-19C

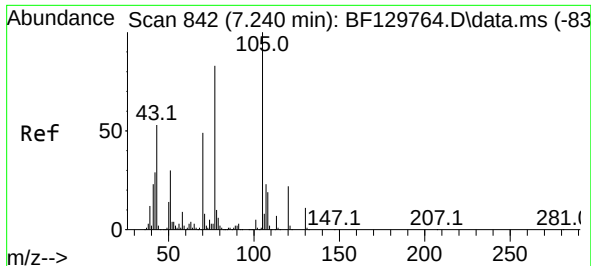
Tgt Ion: 99 Resp: 1294777
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.363 min Scan# 693
Delta R.T. 0.030 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion: 77 Resp: 703
Ion Ratio Lower Upper
77 100
105 63.4 80.3 120.3#
106 71.7 74.3 114.3#

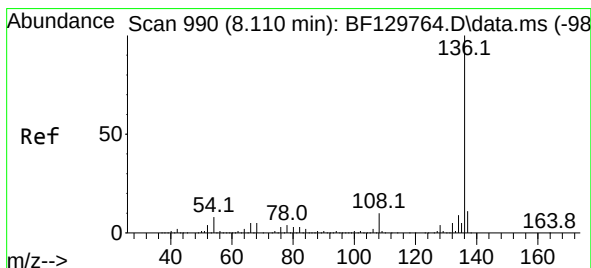
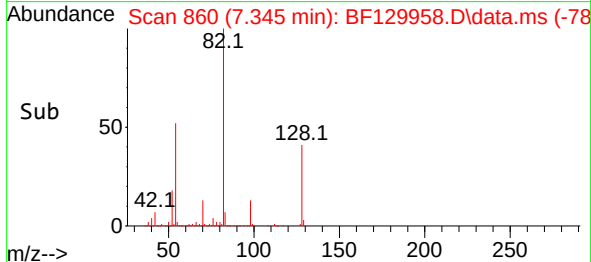
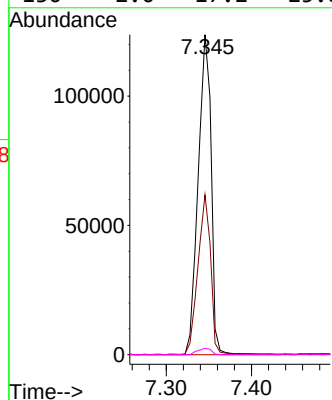
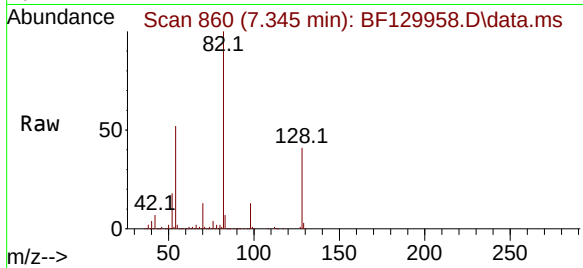




#19
n-Nitroso-di-n-propylamine
Concen: 18.951 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

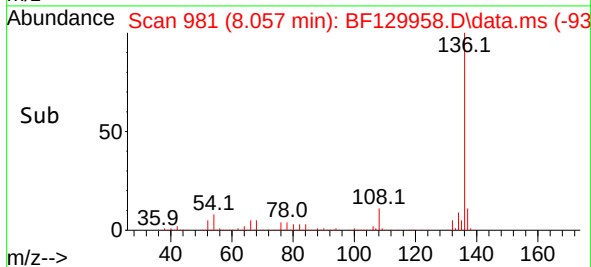
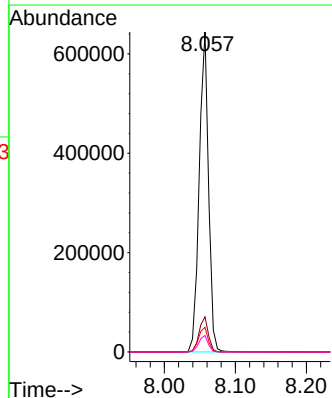
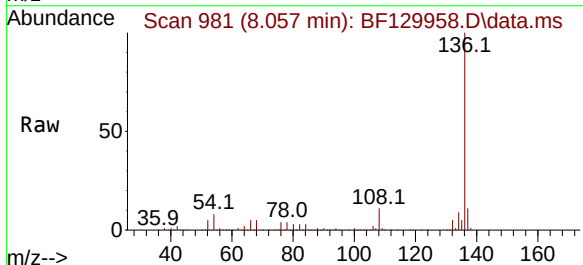
Instrument :
BNA_F
ClientSampleId :
BLDG-19C

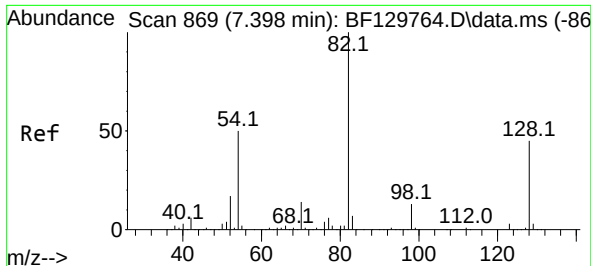
Tgt Ion: 70 Resp: 131067
Ion Ratio Lower Upper
70 100
42 50.0 47.6 71.4
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion:136 Resp: 588037
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 5.1 4.2 6.4

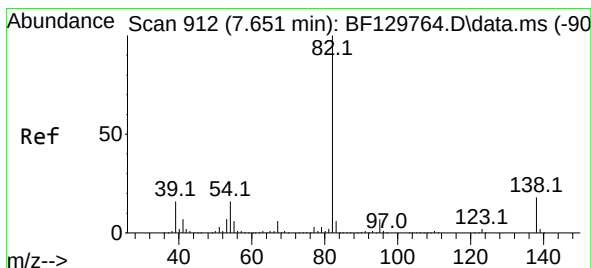
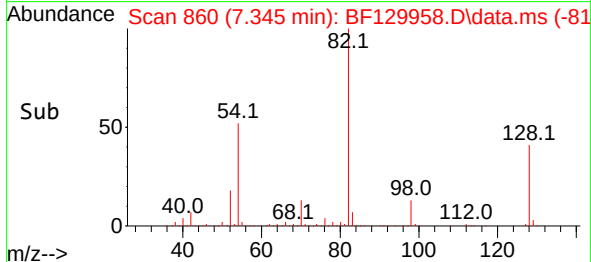
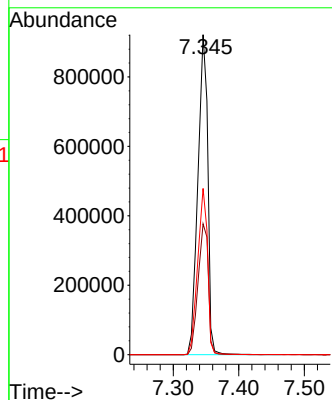
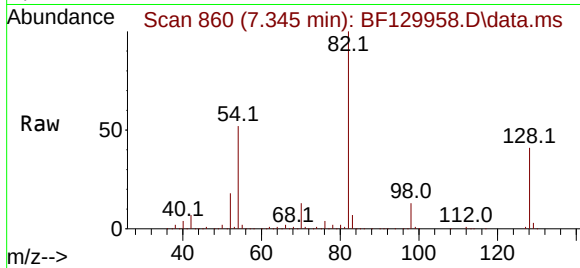




#23
Nitrobenzene-d5
Concen: 88.040 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

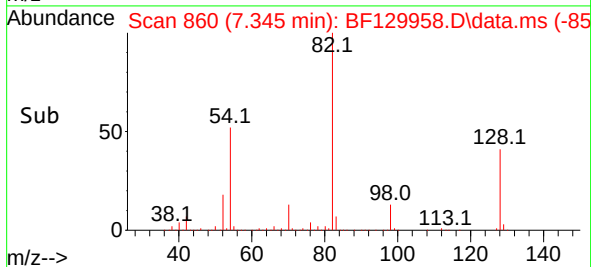
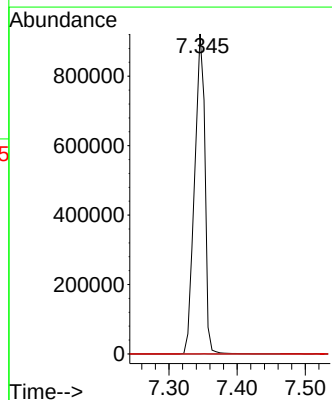
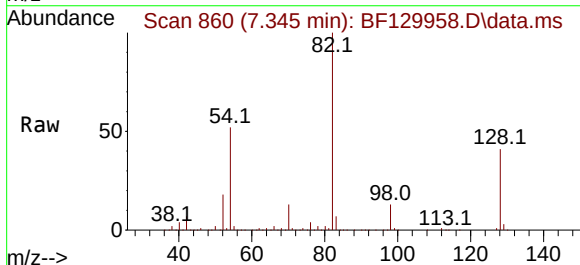
Instrument :
BNA_F
ClientSampleId :
BLDG-19C

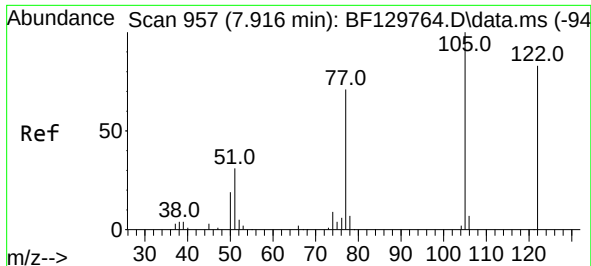
Tgt Ion: 82 Resp: 967099
Ion Ratio Lower Upper
82 100
128 40.9 36.1 54.1
54 51.9 40.0 60.0



#25
Isophorone
Concen: 51.157 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.259 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion: 82 Resp: 967196
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

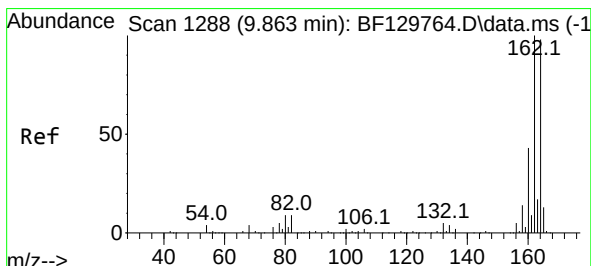
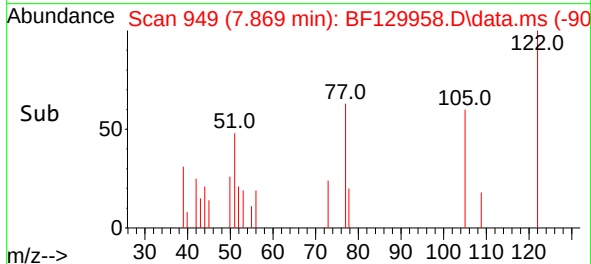
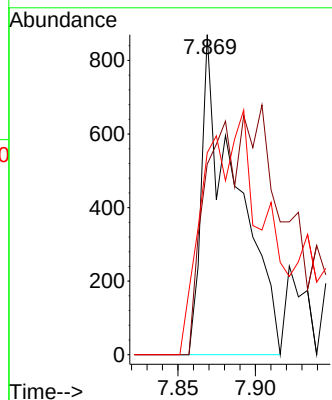
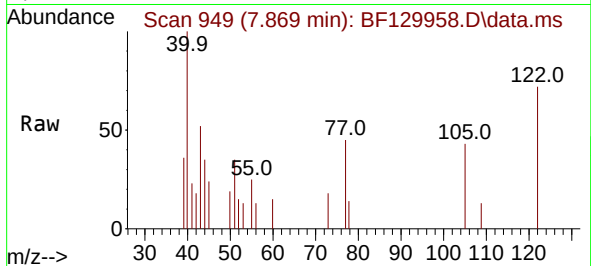




#32
Benzoic acid
Concen: 2.654 ng
RT: 7.869 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

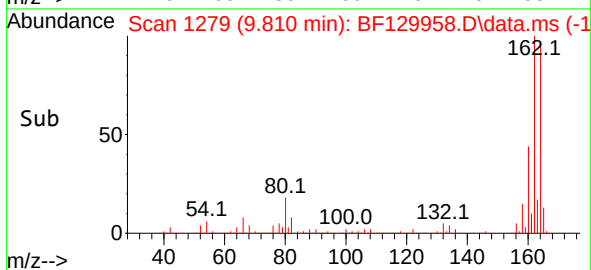
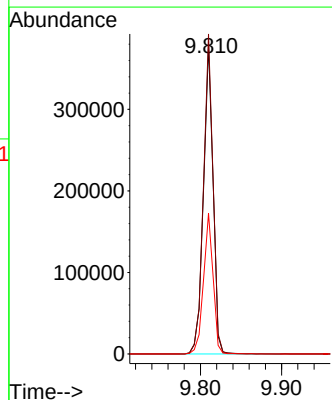
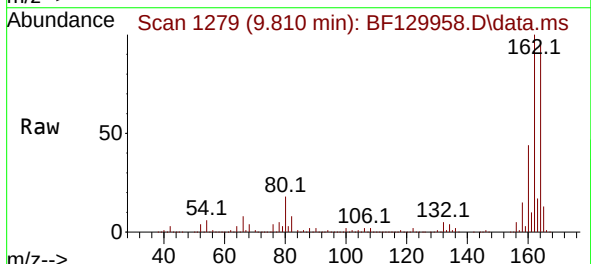
Instrument :
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ClientSampleId :
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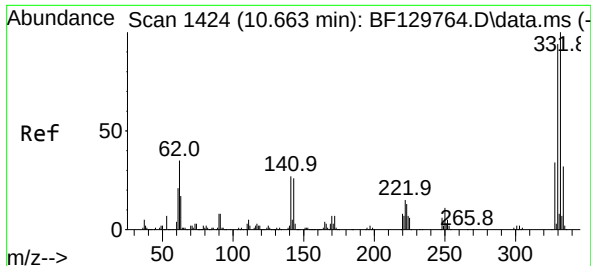
Tgt Ion:122 Resp: 1341
Ion Ratio Lower Upper
122 100
105 59.5 99.9 139.9#
77 63.1 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion:164 Resp: 312830
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 144.381 ng

RT: 10.610 min Scan# 1415

Delta R.T. 0.000 min

Lab File: BF129958.D

Acq: 23 Aug 2022 17:48

Instrument :

BNA_F

ClientSampleId :

BLDG-19C

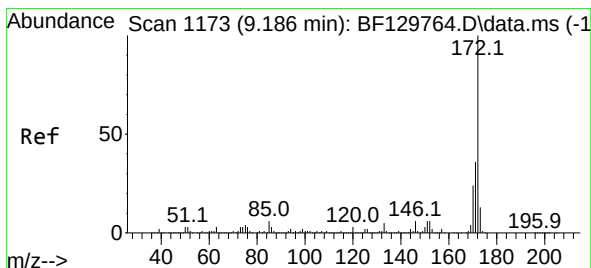
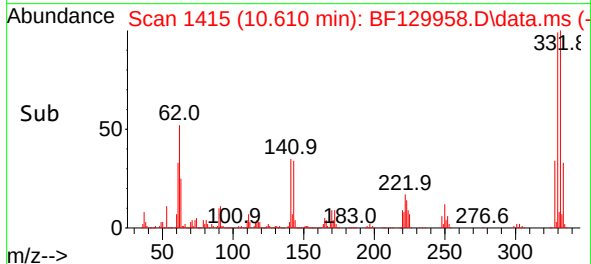
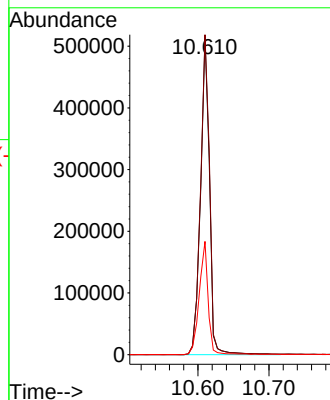
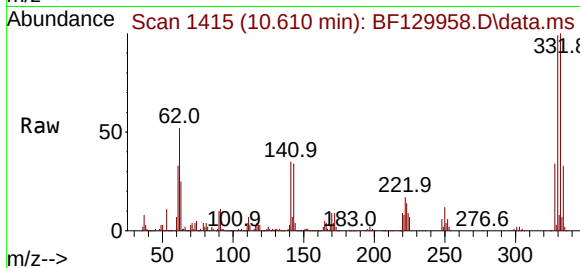
Tgt Ion:330 Resp: 453317

Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 35.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 88.205 ng

RT: 9.134 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF129958.D

Acq: 23 Aug 2022 17:48

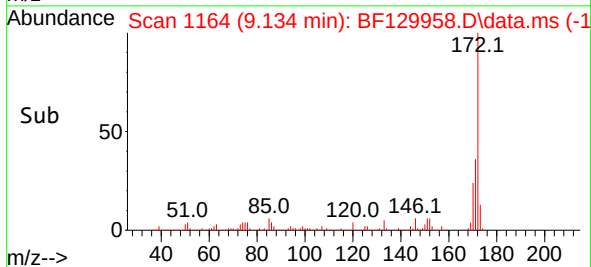
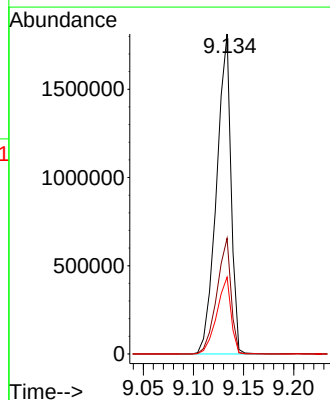
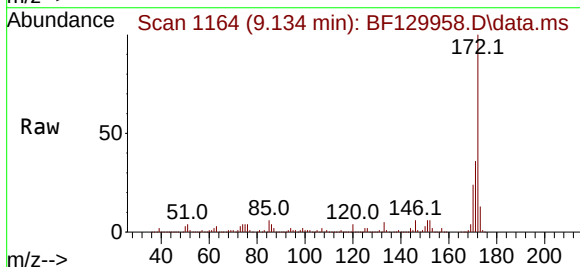
Tgt Ion:172 Resp: 1816777

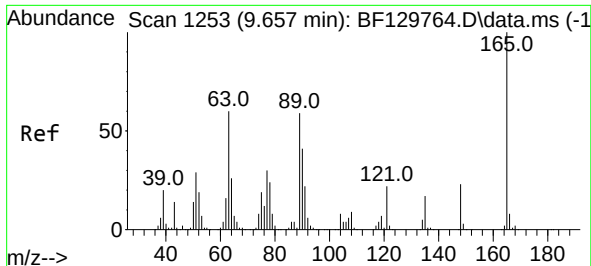
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.272 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129958.D

Acq: 23 Aug 2022 17:48

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BNA_F

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BLDG-19C

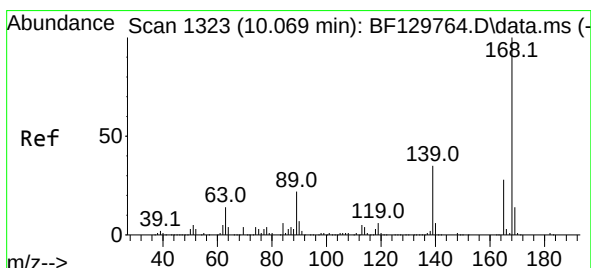
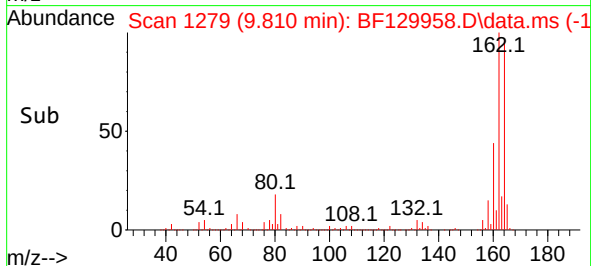
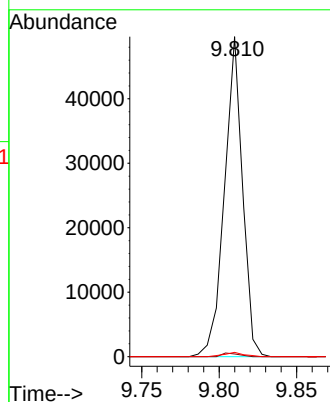
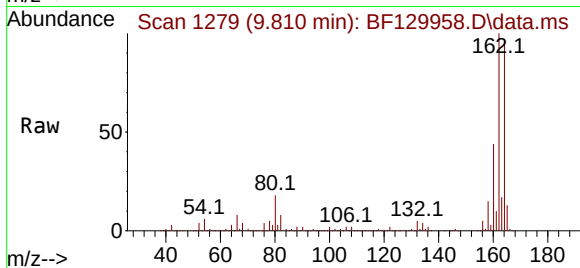
Tgt Ion:165 Resp: 40243

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: 6.373 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.212 min

Lab File: BF129958.D

Acq: 23 Aug 2022 17:48

Tgt Ion:165 Resp: 40243

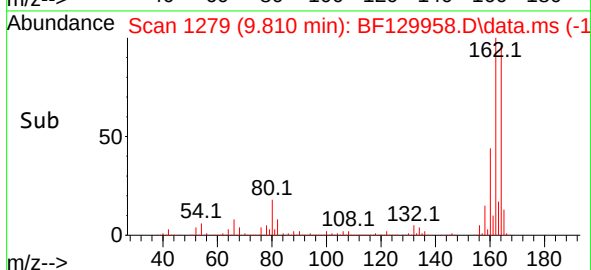
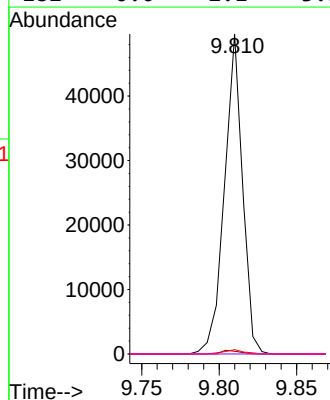
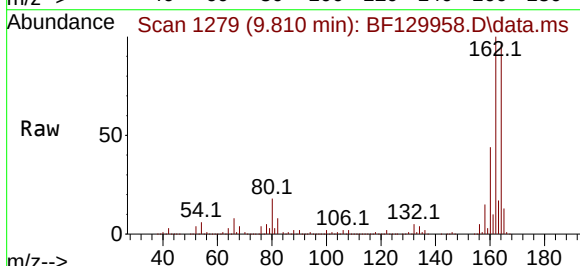
Ion Ratio Lower Upper

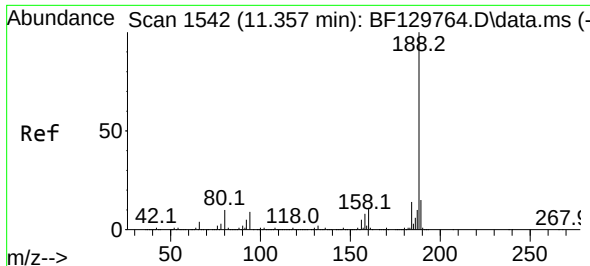
165 100

63 0.8 48.4 72.6#

89 1.3 62.3 93.5#

182 0.0 2.1 3.1#

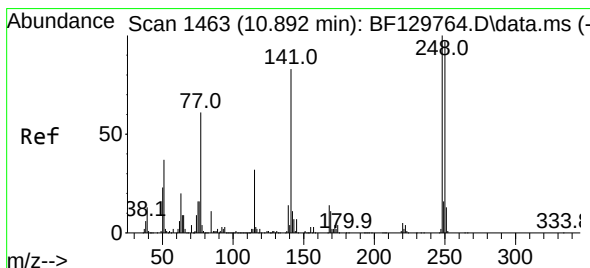
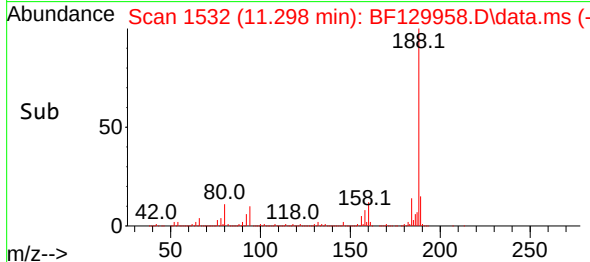
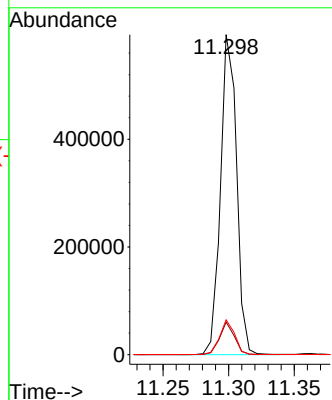
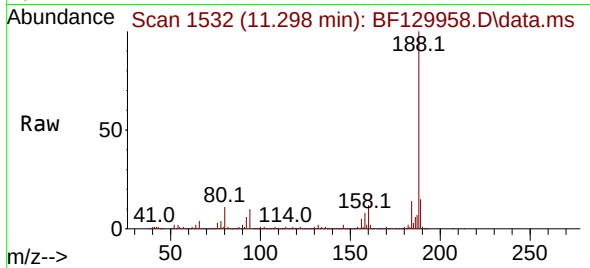




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

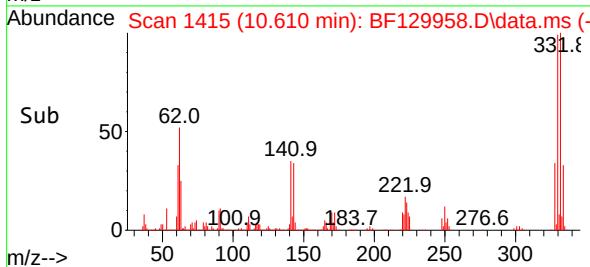
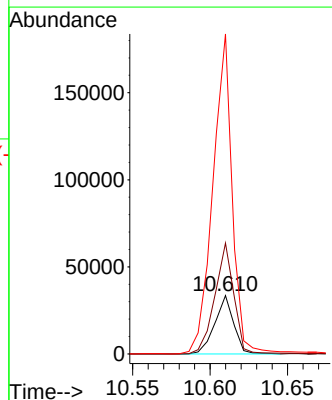
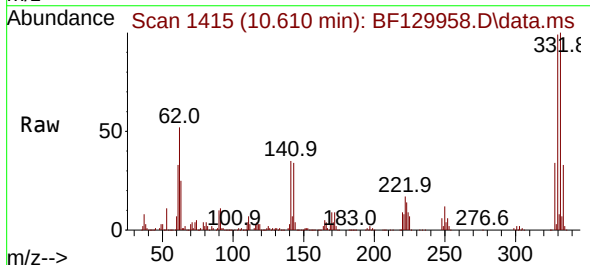
Instrument :
BNA_F
ClientSampleId :
BLDG-19C

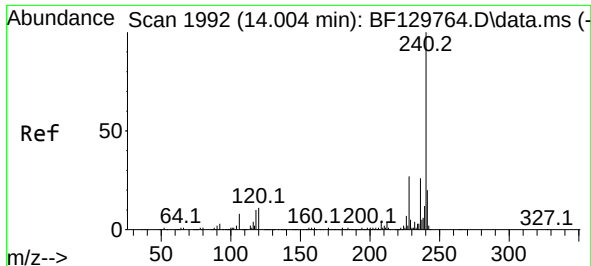
Tgt Ion:188 Resp: 505589
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.806 ng
RT: 10.610 min Scan# 1415
Delta R.T. -0.235 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion:248 Resp: 28457
Ion Ratio Lower Upper
248 100
250 190.2 77.8 116.6#
141 548.4 66.2 99.2#

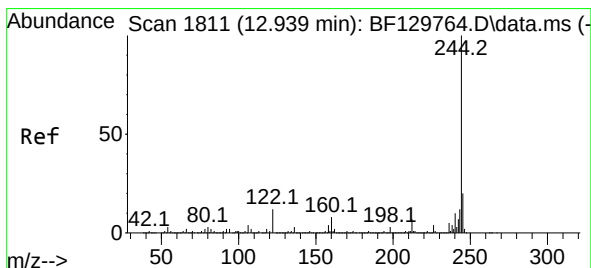
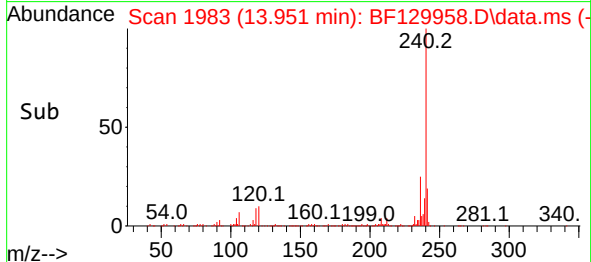
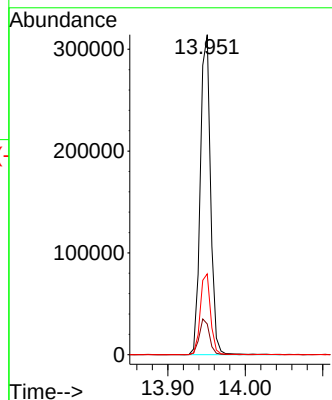
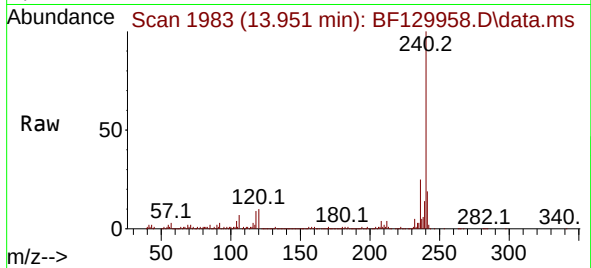




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

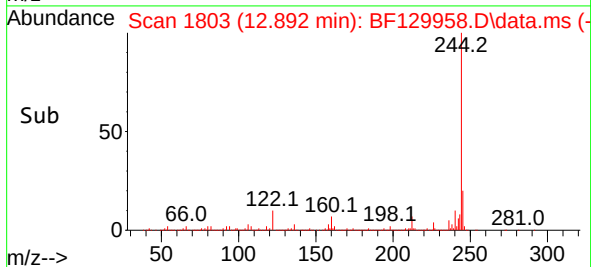
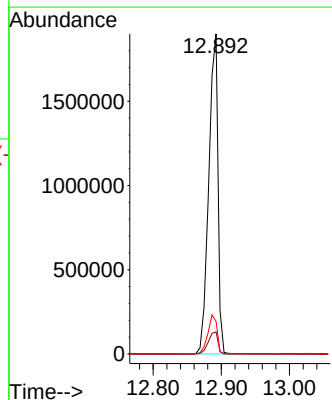
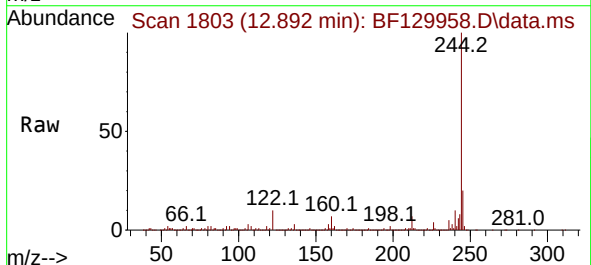
Instrument :
BNA_F
ClientSampleId :
BLDG-19C

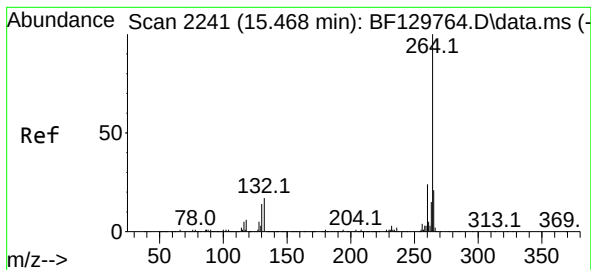
Tgt Ion:240 Resp: 288027
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 103.092 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BF129958.D
Acq: 23 Aug 2022 17:48

Tgt Ion:244 Resp: 1784516
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.2 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129958.D

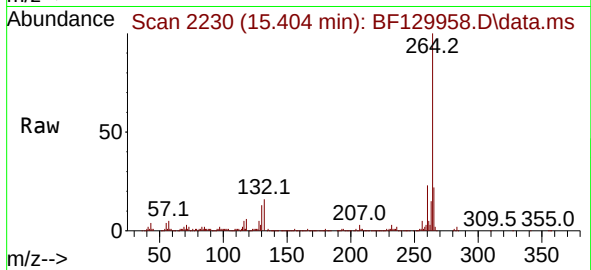
Acq: 23 Aug 2022 17:48

Instrument :

BNA_F

ClientSampleId :

BLDG-19C



Tgt Ion:264 Resp: 246742

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 16.7 25.1

