

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129863.D
 Acq On : 18 Aug 2022 01:29
 Operator : CG\JU
 Sample : N4189-15RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Quant Time: Aug 18 05:42:18 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)

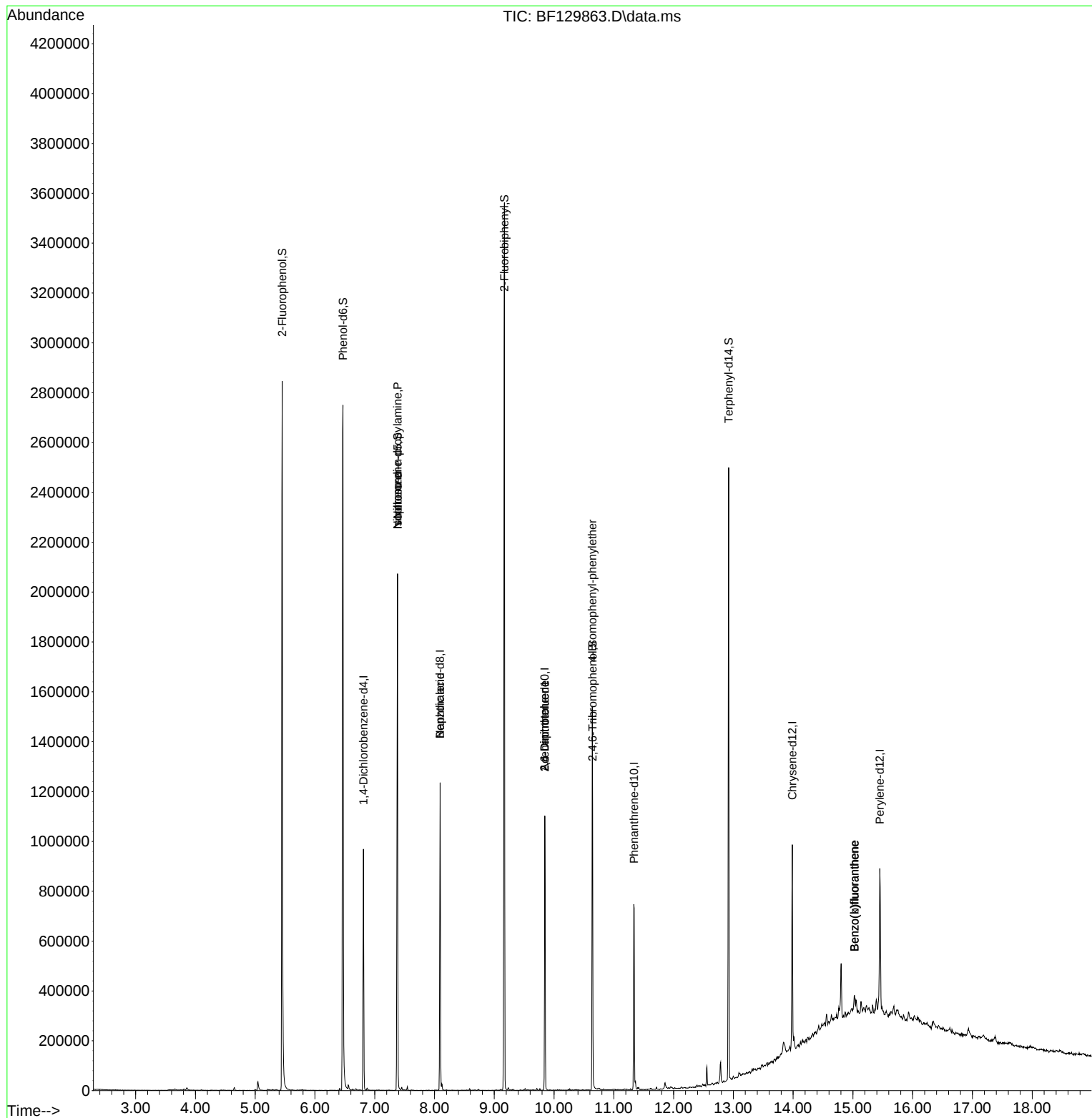
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	130849	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	480170	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	209632	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	278504	20.000	ng	0.00
76) Chrysene-d12	13.986	240	259773	20.000	ng	0.00
86) Perylene-d12	15.451	264	256261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	814104	103.013	ng	0.00
7) Phenol-d6	6.469	99	979192	98.941	ng	0.00
23) Nitrobenzene-d5	7.381	82	620184	69.141	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	166981	79.365	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1029504	74.589	ng	0.00
79) Terphenyl-d14	12.922	244	772084	49.455	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	1673	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.381	70	82350	13.164	ng	# 76
25) Isophorone	7.381	82	620177	40.171	ng	# 65
32) Benzoic acid	8.092	122	93	2.191	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	26005	7.977	ng	# 23
57) 2,4-Dinitrotoluene	9.845	165	26005	6.145	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	11011	3.376	ng	# 1
77) Benzidine	12.922	184	11329	Below Cal	#	92
88) Benzo(b)fluoranthene	15.027	252	41548	2.368	ng	# 63
89) Benzo(k)fluoranthene	15.027	252	41548	2.469	ng	# 63

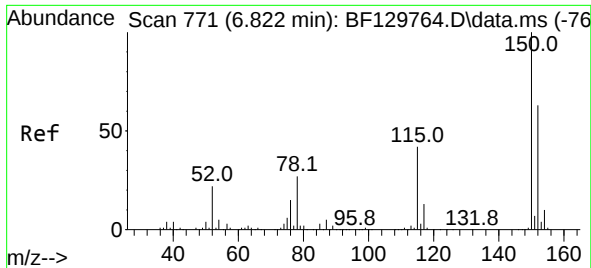
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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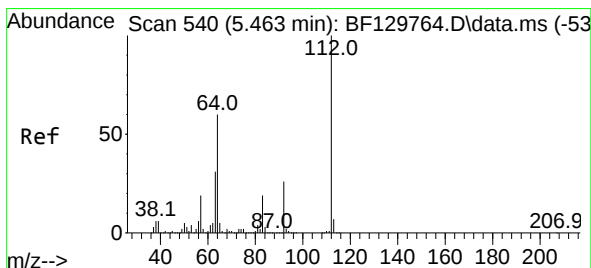
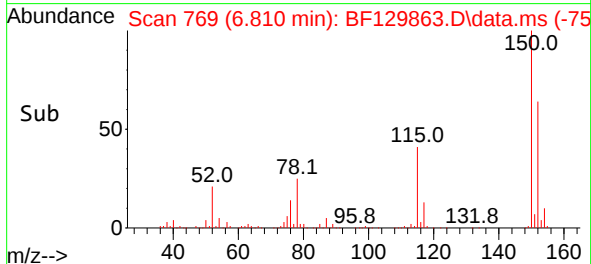
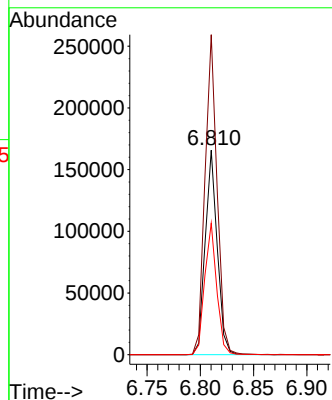
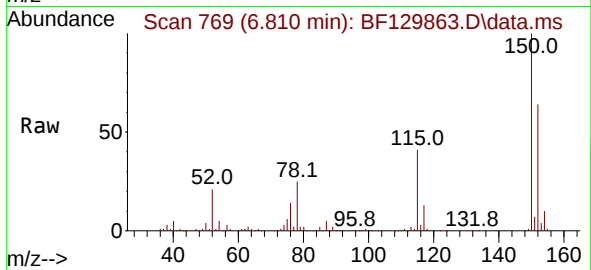




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

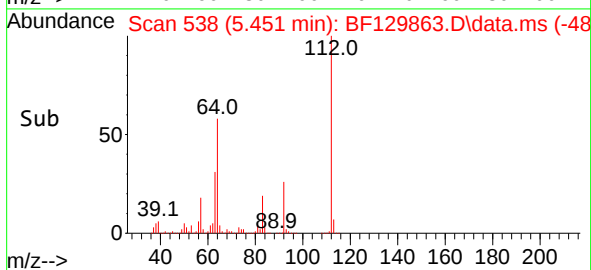
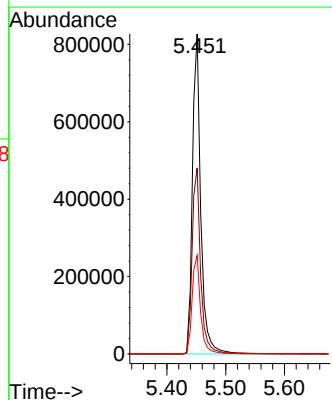
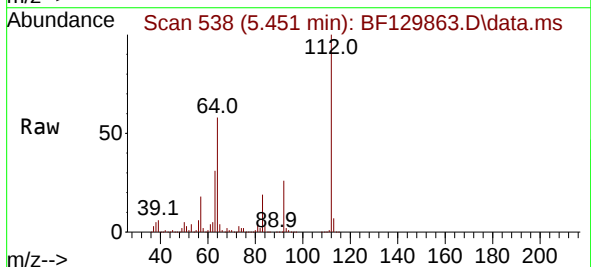
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BNA_F
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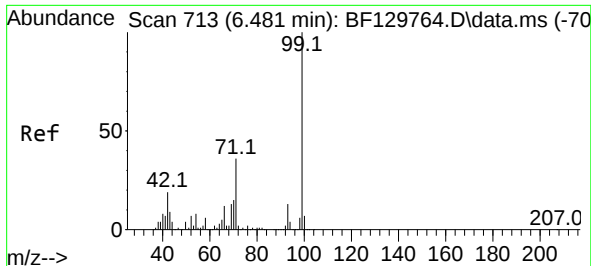
Tgt Ion:152 Resp: 130849
Ion Ratio Lower Upper
152 100
150 156.5 126.9 190.3
115 64.3 53.4 80.0



#5
2-Fluorophenol
Concen: 103.013 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

Tgt Ion:112 Resp: 814104
Ion Ratio Lower Upper
112 100
64 58.2 47.6 71.4
63 30.8 24.6 37.0

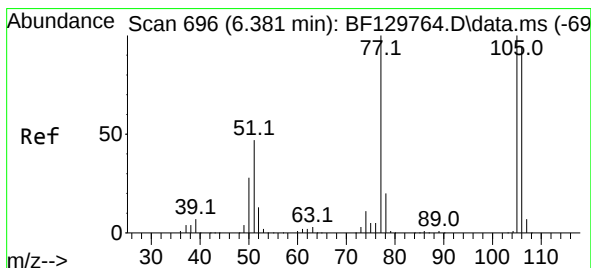
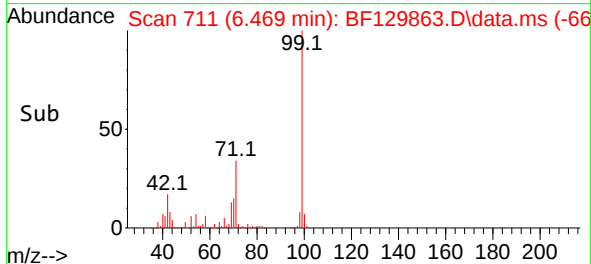
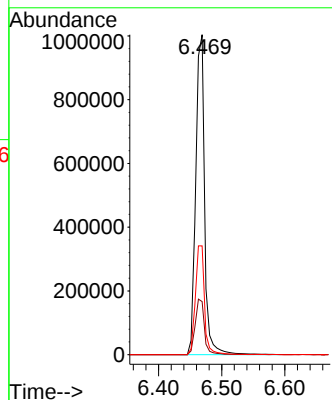
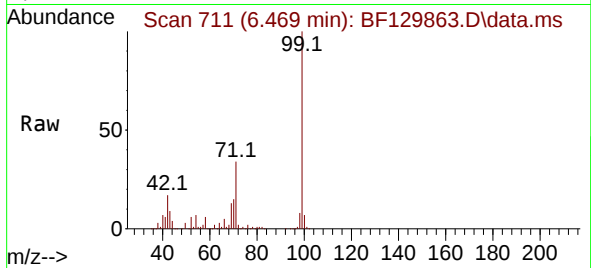




#7
Phenol-d6
Concen: 98.941 ng
RT: 6.469 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

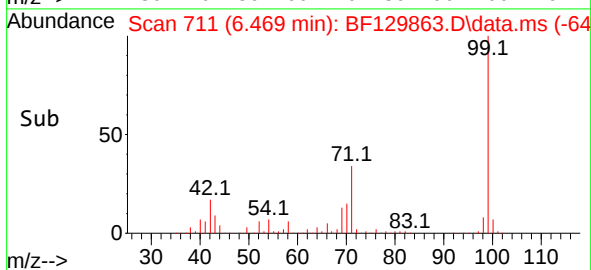
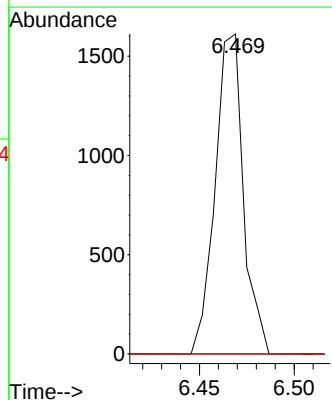
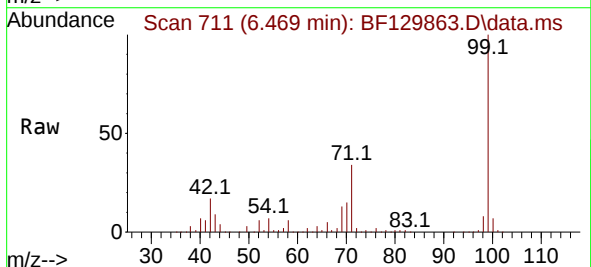
Instrument :
BNA_F
ClientSampleId :
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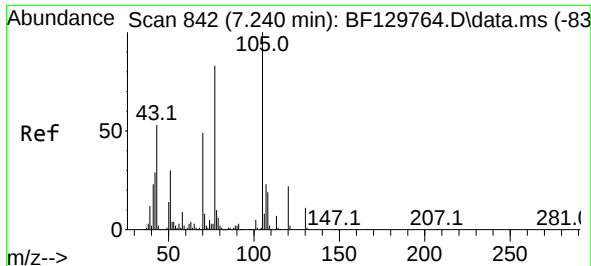
Tgt Ion: 99 Resp: 979192
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 34.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.469 min Scan# 711
Delta R.T. 0.100 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

Tgt Ion: 77 Resp: 1673
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

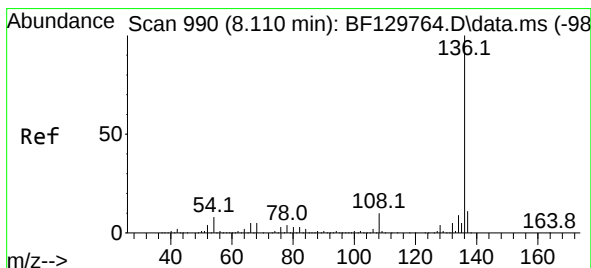
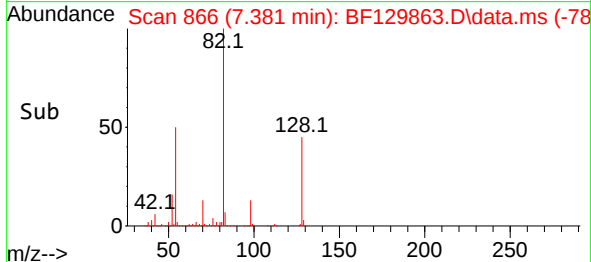
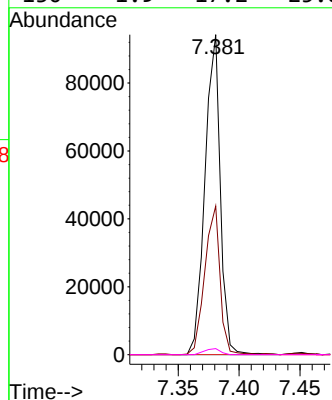
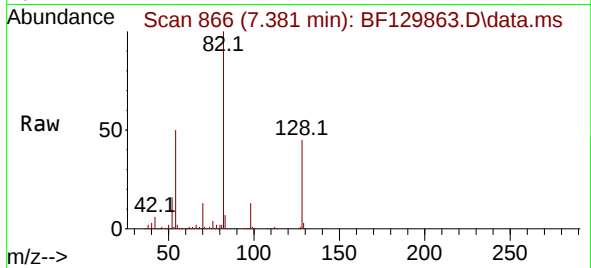




#19
n-Nitroso-di-n-propylamine
Concen: 13.164 ng
RT: 7.381 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

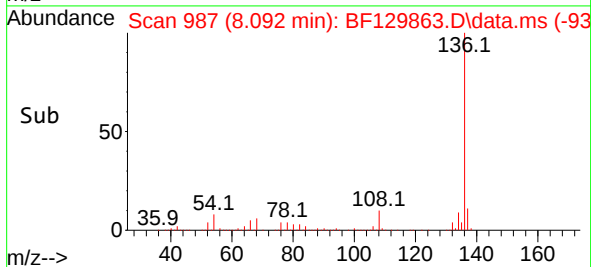
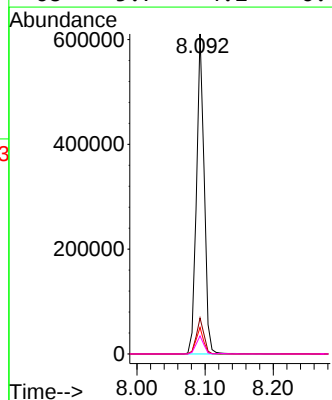
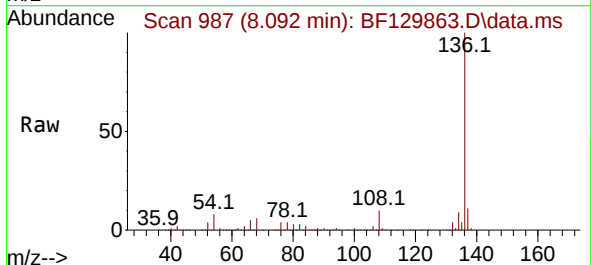
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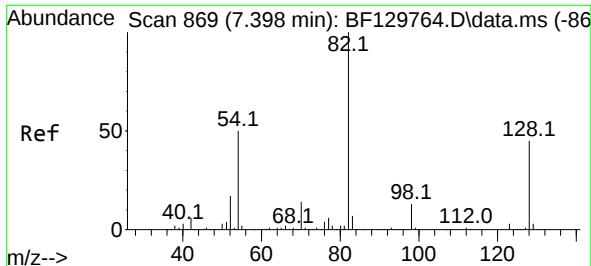
Tgt Ion: 70 Resp: 82350
Ion Ratio Lower Upper
70 100
42 46.5 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

Tgt Ion: 136 Resp: 480170
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.3 6.2 9.2
68 5.7 4.2 6.4

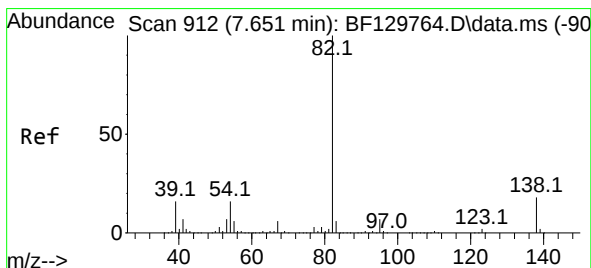
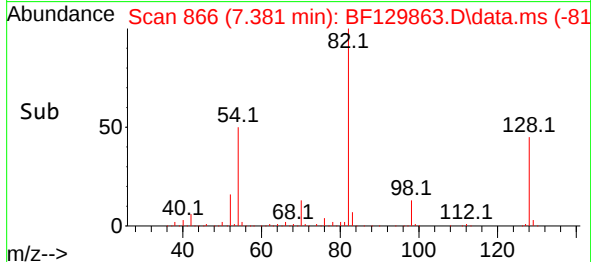
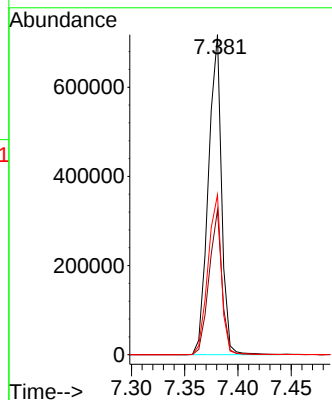
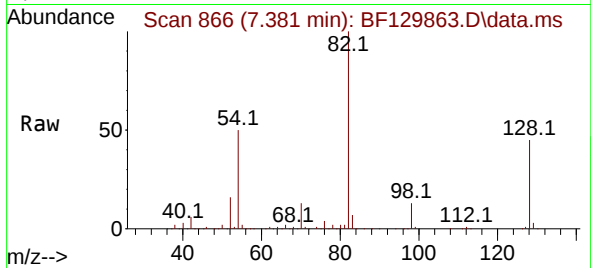




#23
Nitrobenzene-d5
Concen: 69.141 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

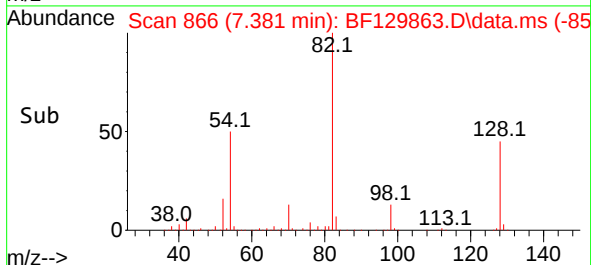
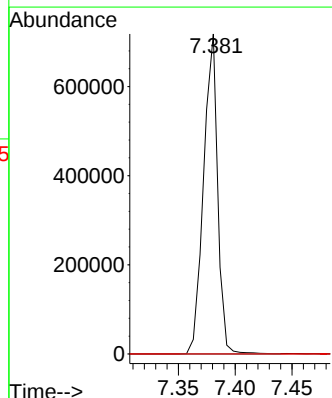
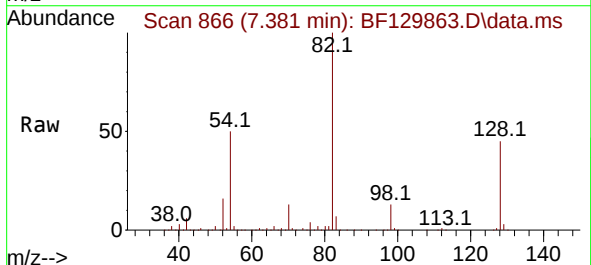
Instrument :
BNA_F
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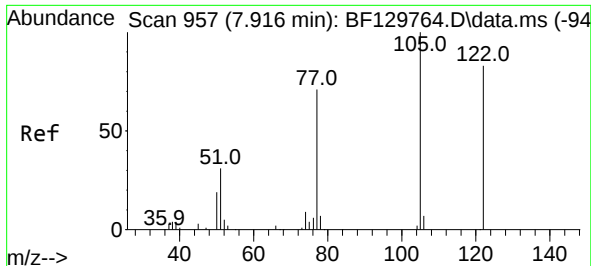
Tgt Ion: 82 Resp: 620184
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 49.9 40.0 60.0



#25
Isophorone
Concen: 40.171 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.259 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

Tgt Ion: 82 Resp: 620177
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

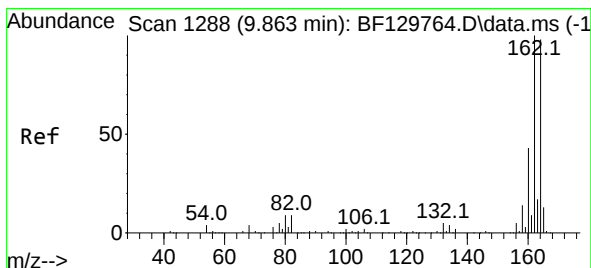
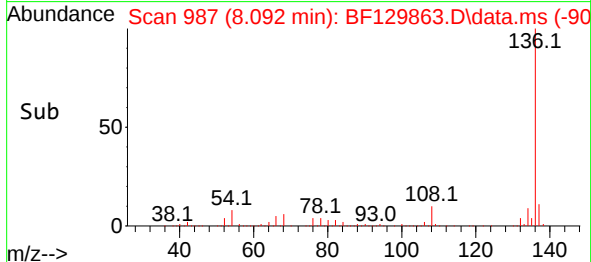
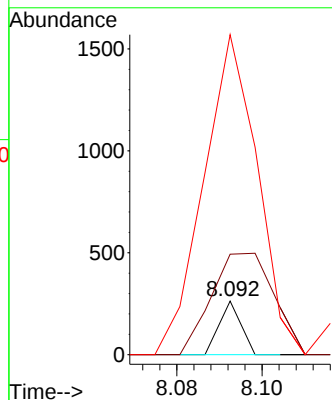
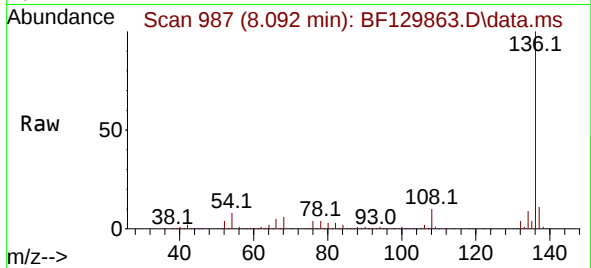




#32
Benzoic acid
Concen: 2.191 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

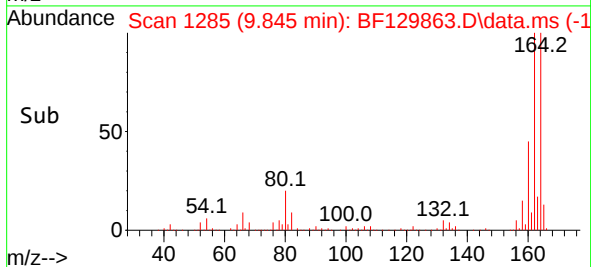
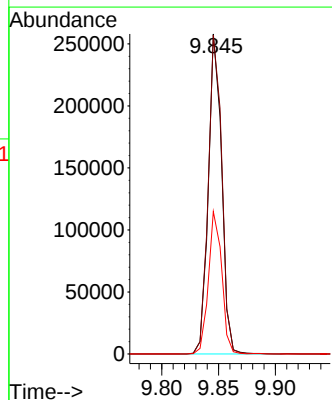
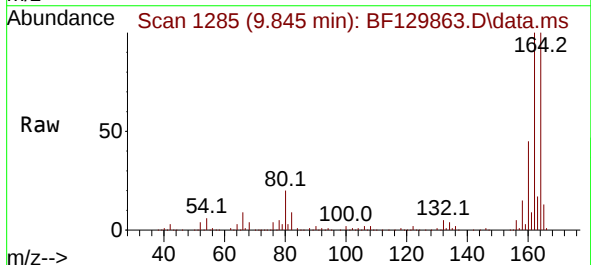
Instrument :
BNA_F
ClientSampleId :
SB12

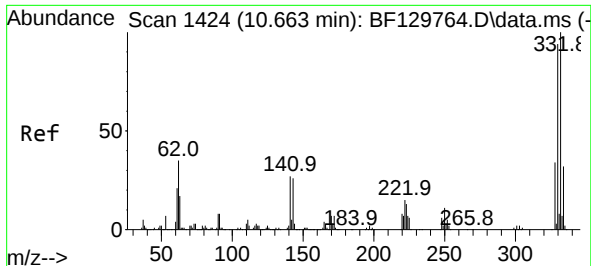
Tgt Ion:122 Resp: 93
Ion Ratio Lower Upper
122 100
105 187.5 99.9 139.9#
77 597.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

Tgt Ion:164 Resp: 209632
Ion Ratio Lower Upper
164 100
162 99.7 82.0 123.0
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 79.365 ng

RT: 10.645 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129863.D

Acq: 18 Aug 2022 01:29

Instrument :

BNA_F

ClientSampleId :

SB12

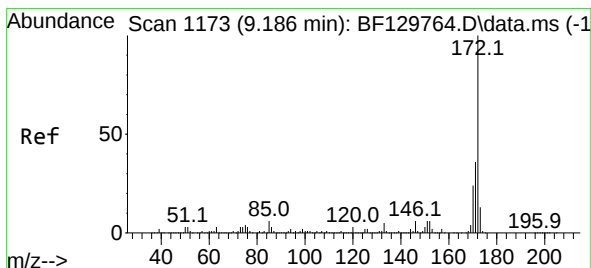
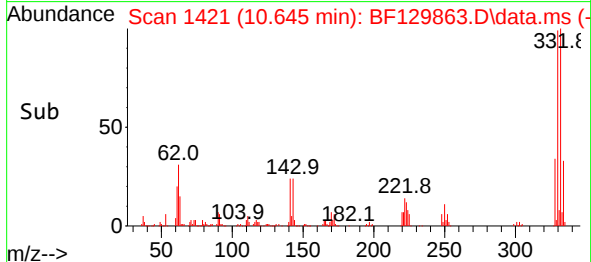
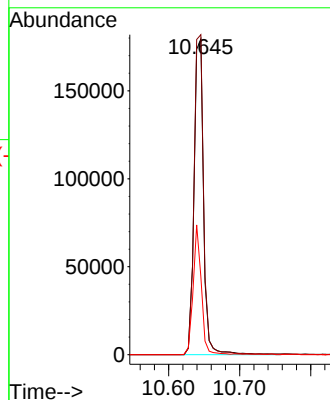
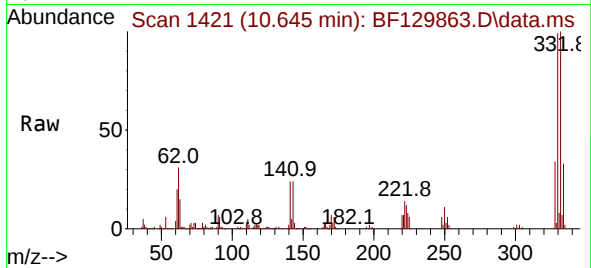
Tgt Ion:330 Resp: 166981

Ion Ratio Lower Upper

330 100

332 102.0 82.6 124.0

141 36.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 74.589 ng

RT: 9.169 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF129863.D

Acq: 18 Aug 2022 01:29

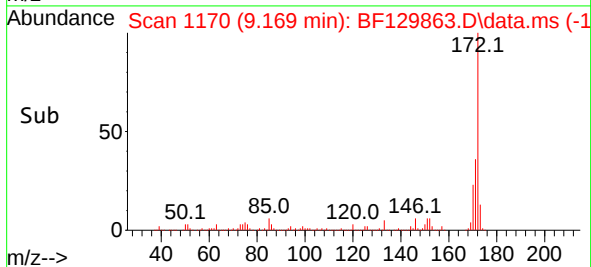
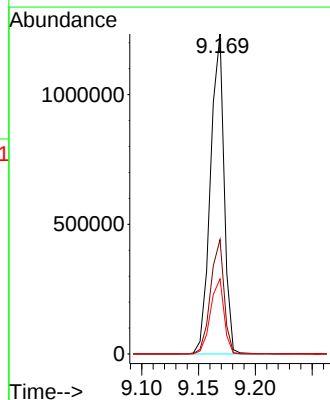
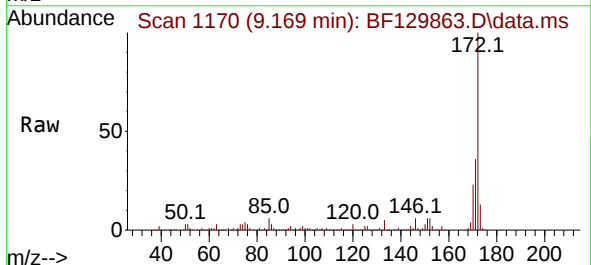
Tgt Ion:172 Resp: 1029504

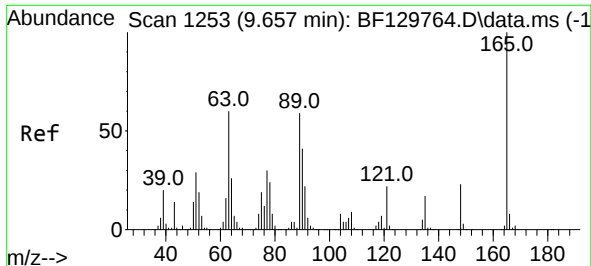
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.4 19.1 28.7

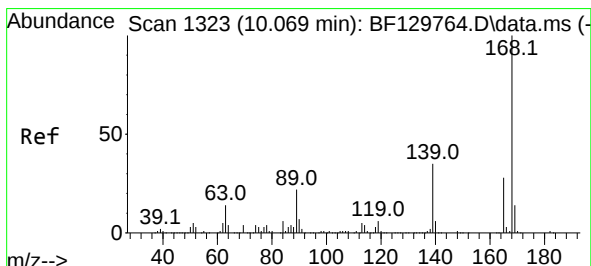
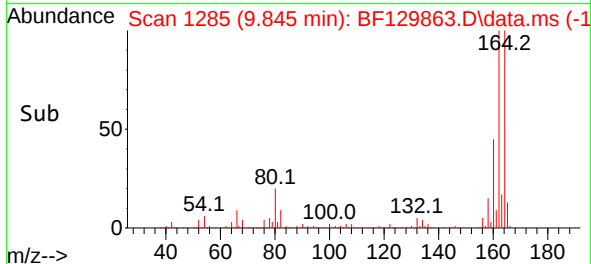
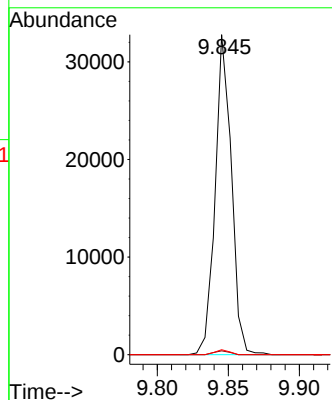
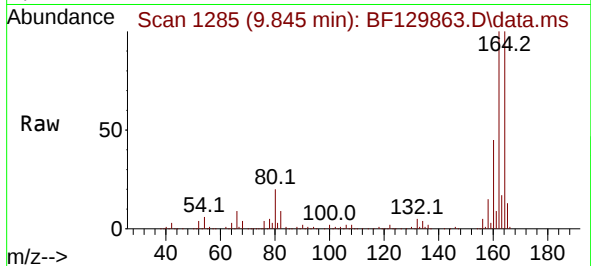




#51
2,6-Dinitrotoluene
Concen: 7.977 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

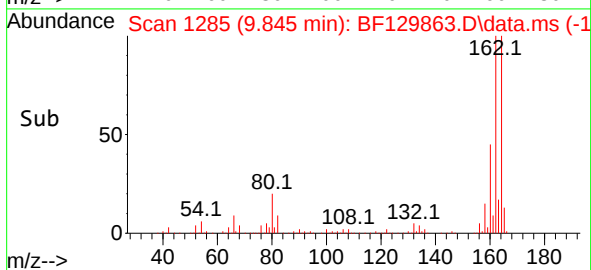
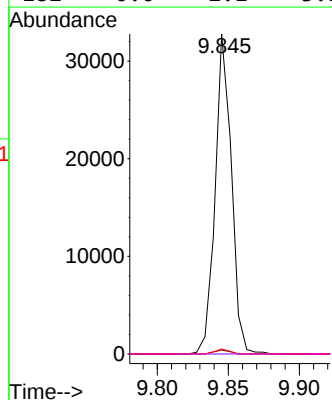
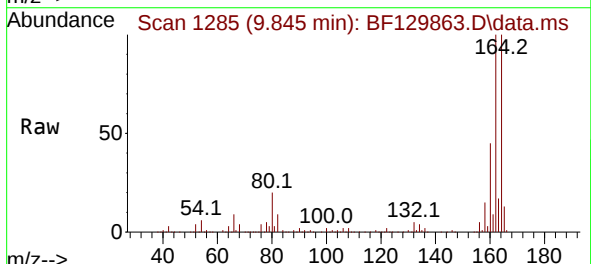
Instrument :
BNA_F
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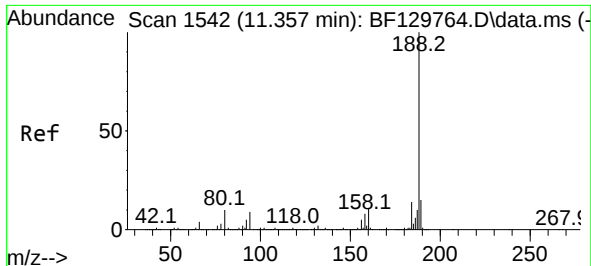
Tgt Ion:165 Resp: 26005
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.145 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

Tgt Ion:165 Resp: 26005
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#

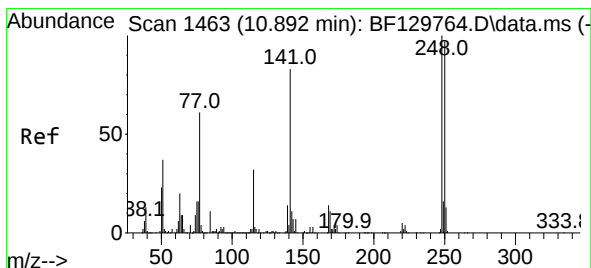
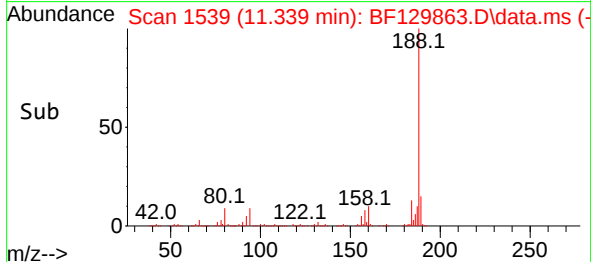
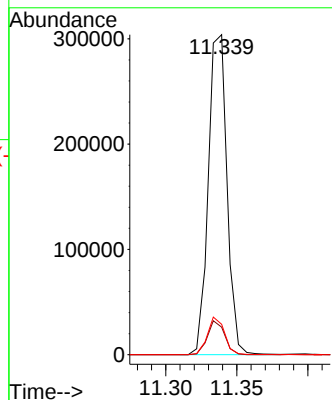
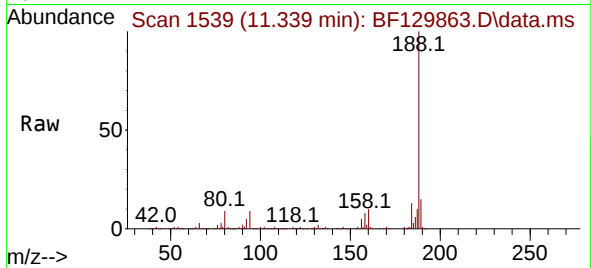




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

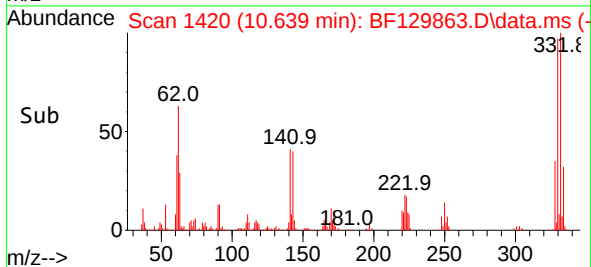
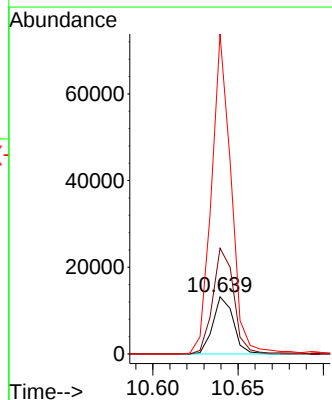
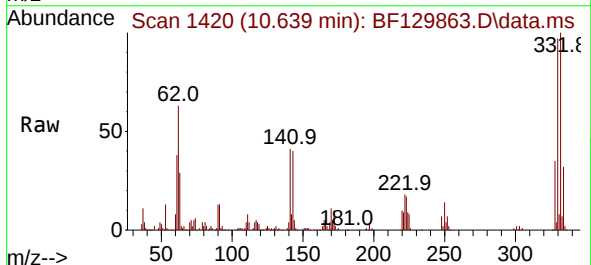
Instrument :
BNA_F
ClientSampleId :
SB12

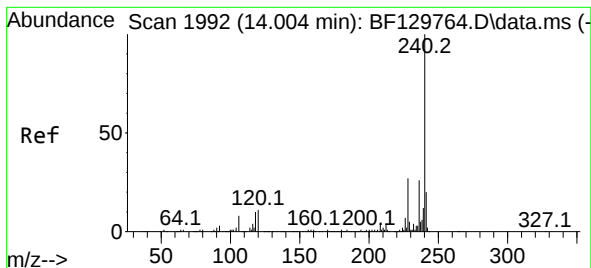
Tgt Ion:188 Resp: 278504
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.5 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.376 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.241 min
Lab File: BF129863.D
Acq: 18 Aug 2022 01:29

Tgt Ion:248 Resp: 11011
Ion Ratio Lower Upper
248 100
250 185.1 77.8 116.6#
141 560.0 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129863.D

Acq: 18 Aug 2022 01:29

Instrument :

BNA_F

ClientSampleId :

SB12

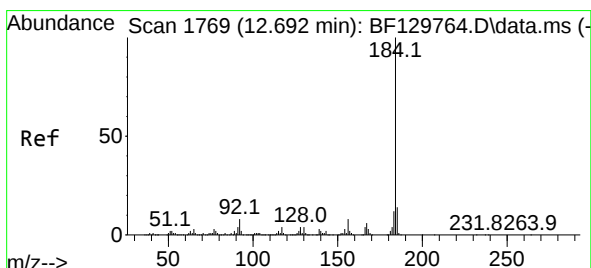
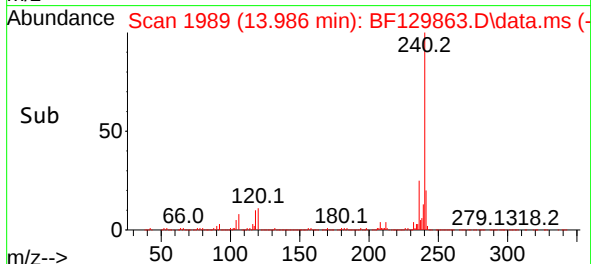
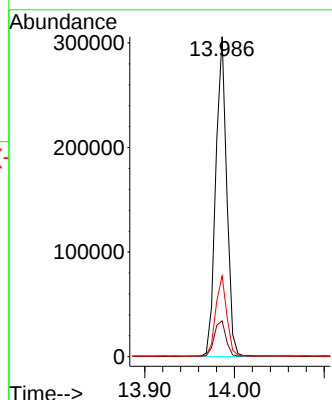
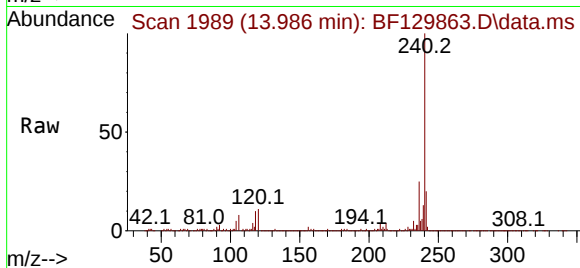
Tgt Ion:240 Resp: 259773

Ion Ratio Lower Upper

240 100

120 11.2 9.2 13.8

236 25.3 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.922 min Scan# 1808

Delta R.T. 0.241 min

Lab File: BF129863.D

Acq: 18 Aug 2022 01:29

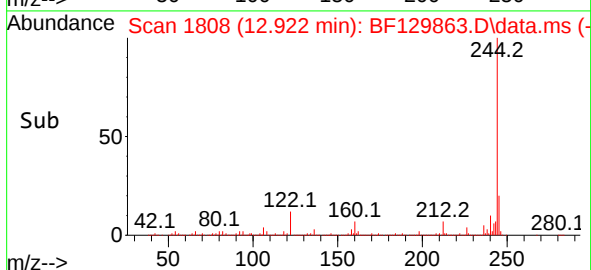
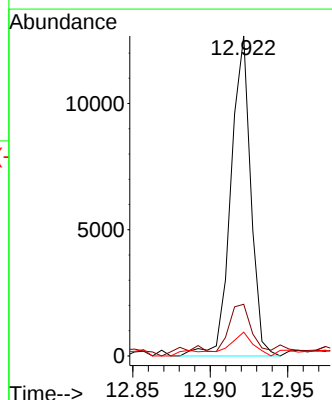
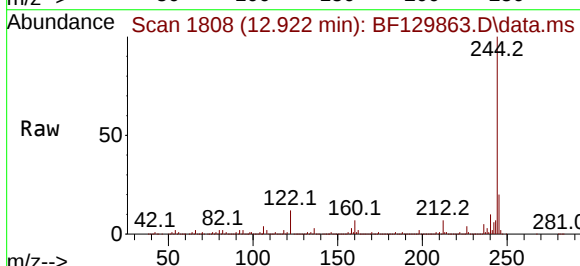
Tgt Ion:184 Resp: 11329

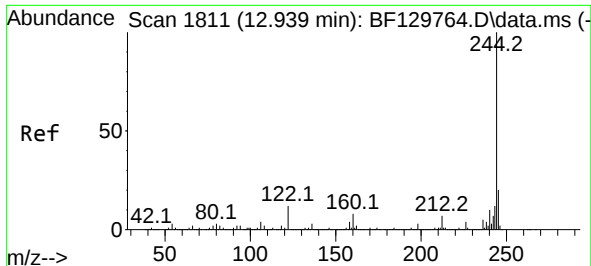
Ion Ratio Lower Upper

184 100

185 16.1 11.4 17.2

183 7.5 9.4 14.2#

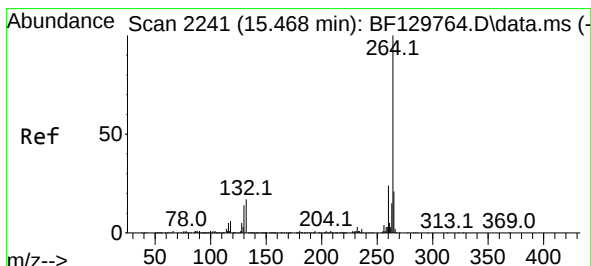
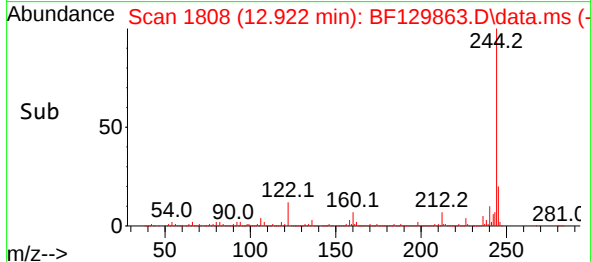
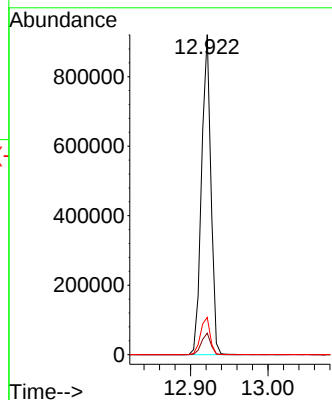
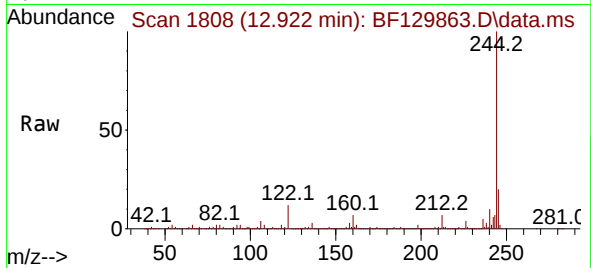




#79
 Terphenyl-d14
 Concen: 49.455 ng
 RT: 12.922 min Scan# 1808
 Delta R.T. -0.006 min
 Lab File: BF129863.D
 Acq: 18 Aug 2022 01:29

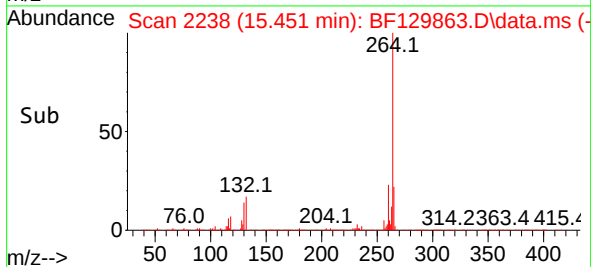
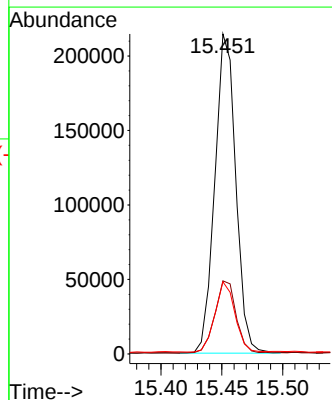
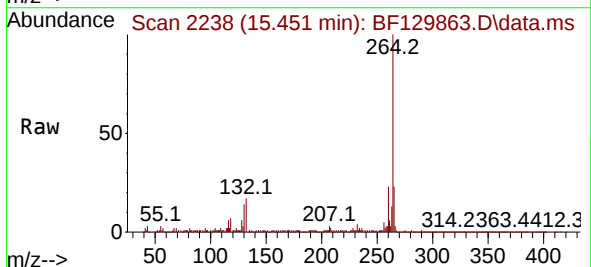
Instrument :
 BNA_F
 ClientSampleId :
 SB12

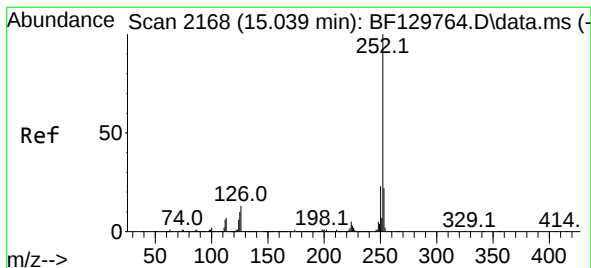
Tgt Ion:244 Resp: 772084
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129863.D
 Acq: 18 Aug 2022 01:29

Tgt Ion:264 Resp: 256261
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 22.5 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 2.368 ng

RT: 15.027 min Scan# 2166

Delta R.T. 0.000 min

Lab File: BF129863.D

Acq: 18 Aug 2022 01:29

Instrument :

BNA_F

ClientSampleId :

SB12

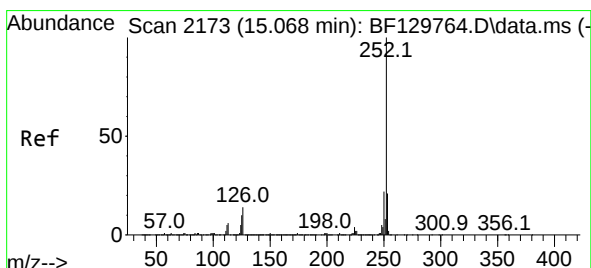
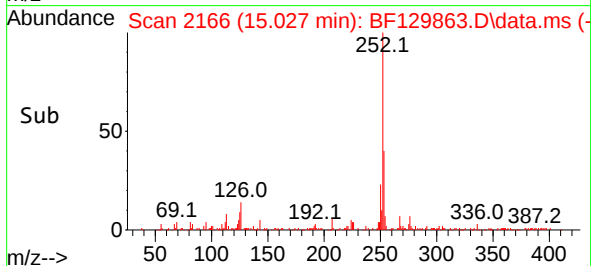
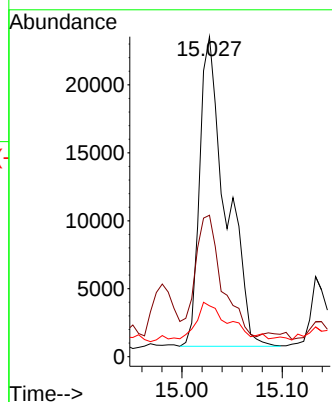
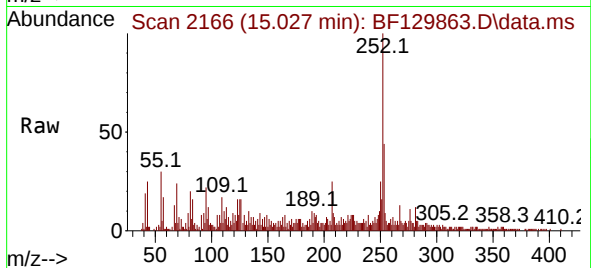
Tgt Ion:252 Resp: 41548

Ion Ratio Lower Upper

252 100

253 44.2 17.5 26.3#

125 15.9 8.3 12.5#



#89

Benzo(k)fluoranthene

Concen: 2.469 ng

RT: 15.027 min Scan# 2166

Delta R.T. -0.029 min

Lab File: BF129863.D

Acq: 18 Aug 2022 01:29

Tgt Ion:252 Resp: 41548

Ion Ratio Lower Upper

252 100

253 44.2 17.1 25.7#

125 15.9 8.3 12.5#

