

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129891.D
 Acq On : 18 Aug 2022 23:26
 Operator : CG\JU
 Sample : N4202-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB08

Quant Time: Aug 19 01:06:49 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 12:03:10 2022
 Response via : Initial Calibration

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

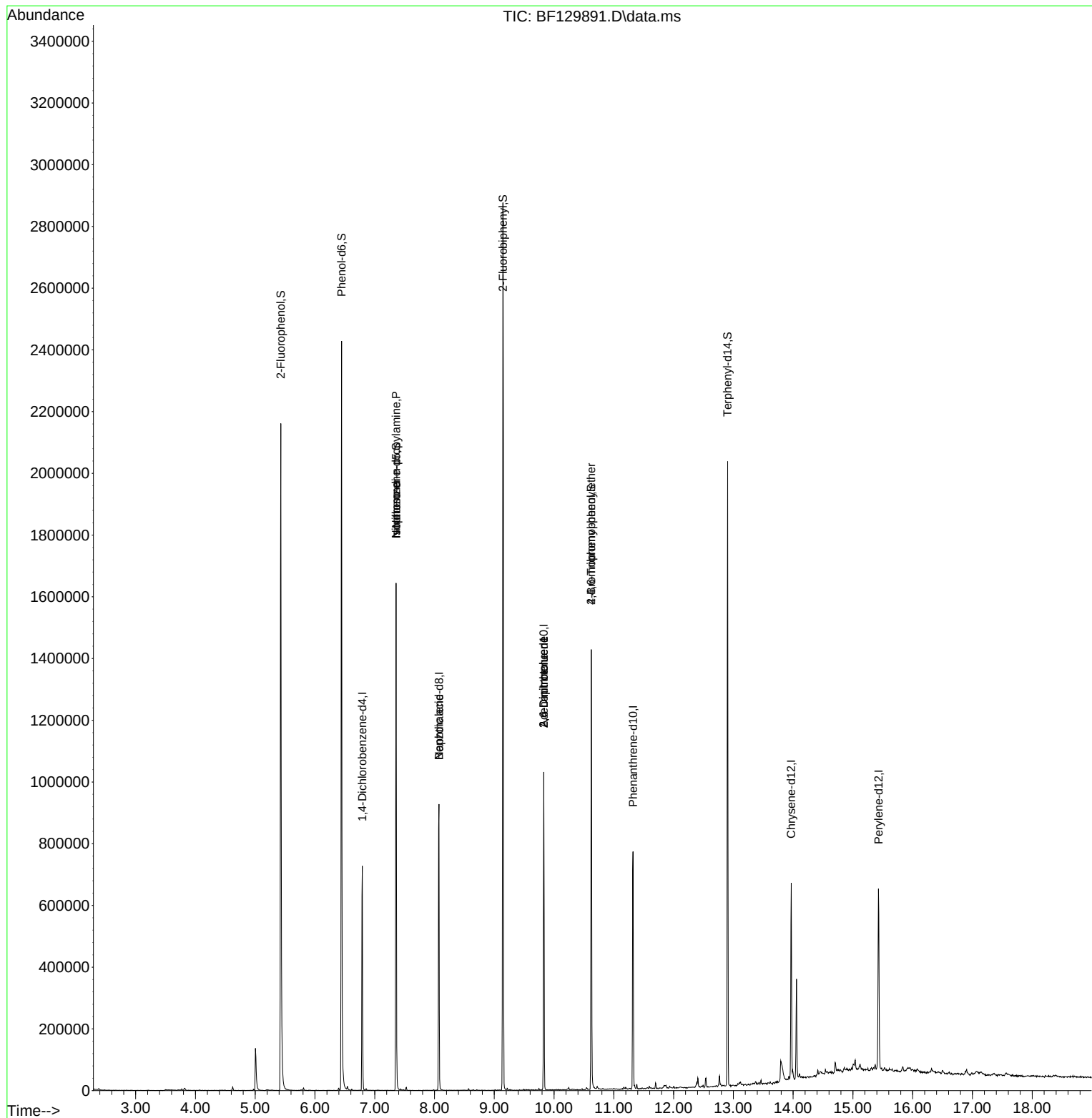
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	106313	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	411958	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	196057	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	280969	20.000	ng	0.00
76) Chrysene-d12	13.969	240	211395	20.000	ng	0.00
86) Perylene-d12	15.427	264	259603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	622610	96.964	ng	0.00
7) Phenol-d6	6.446	99	764532	95.080	ng	0.00
23) Nitrobenzene-d5	7.357	82	475413	61.777	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	154535	78.535	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	833547	64.573	ng	0.00
79) Terphenyl-d14	12.904	244	625658	49.247	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.446	77	1290	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	63875	12.567	ng	# 77
25) Isophorone	7.357	82	475406	35.893	ng	# 65
32) Benzoic acid	8.075	122	124	2.215	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	25844	8.477	ng	# 22
57) 2,4-Dinitrotoluene	9.828	165	25844	6.530	ng	# 17
67) 4-Bromophenyl-phenylether	10.622	248	10039	3.051	ng	# 1
77) Benzidine	12.669	184	1020	Below Cal	#	77

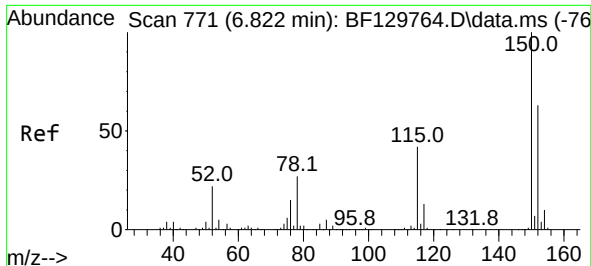
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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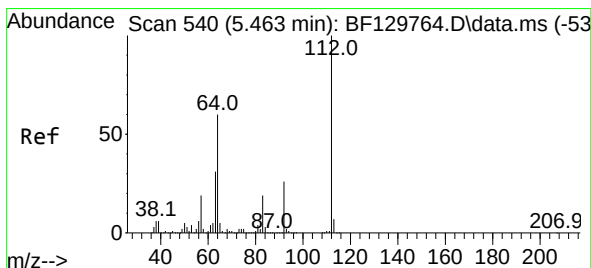
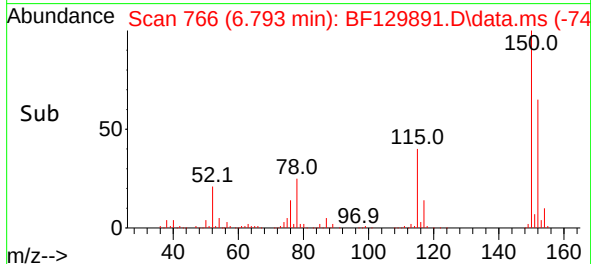
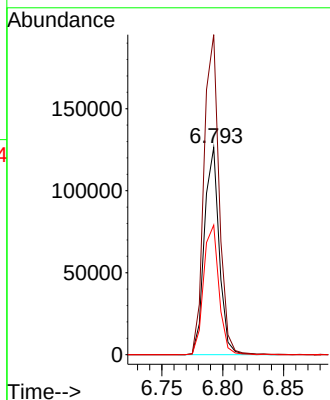
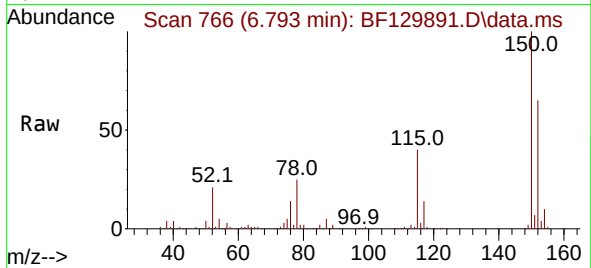




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

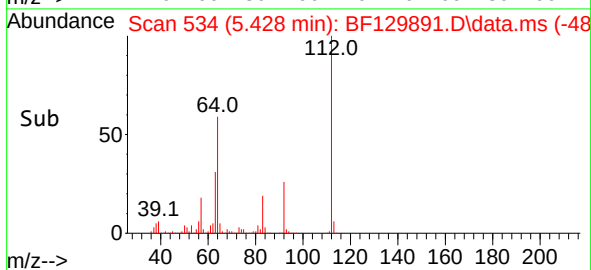
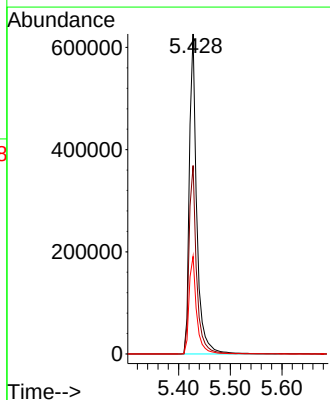
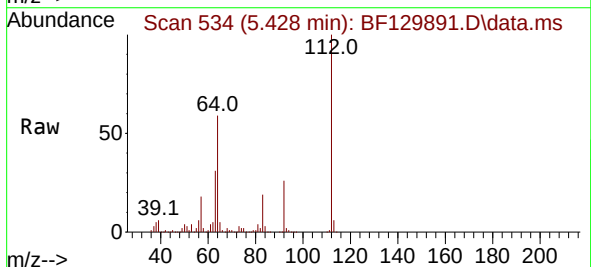
Instrument :
BNA_F
ClientSampleId :
SB08

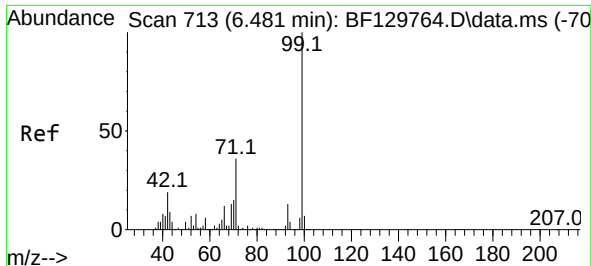
Tgt Ion:152 Resp: 106313
Ion Ratio Lower Upper
152 100
150 154.4 126.9 190.3
115 62.5 53.4 80.0



#5
2-Fluorophenol
Concen: 96.964 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion:112 Resp: 622610
Ion Ratio Lower Upper
112 100
64 58.9 47.6 71.4
63 30.5 24.6 37.0

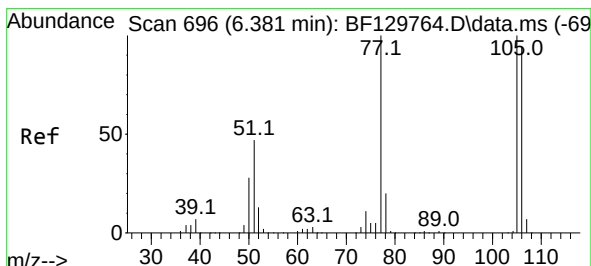
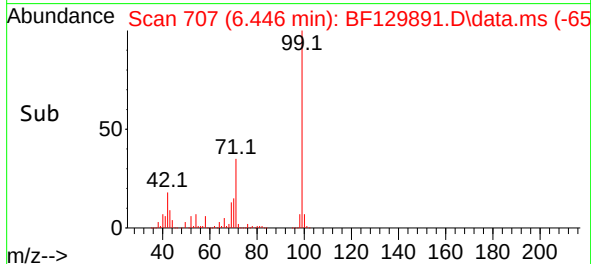
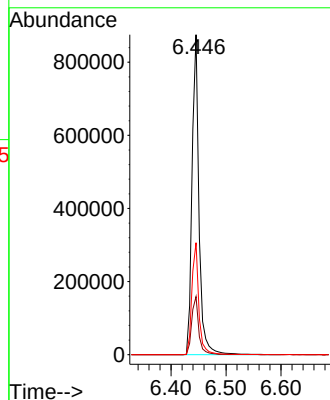
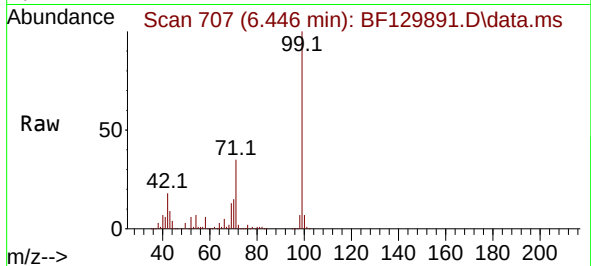




#7
Phenol-d6
Concen: 95.080 ng
RT: 6.446 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

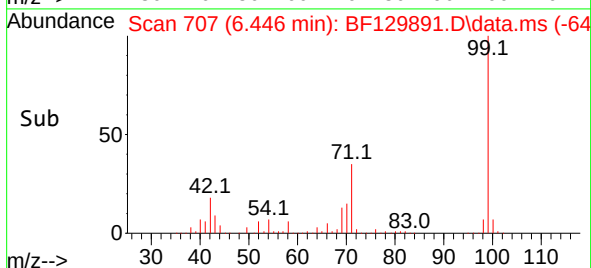
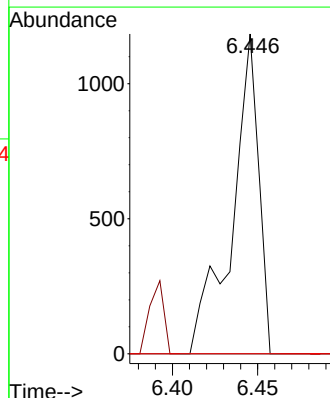
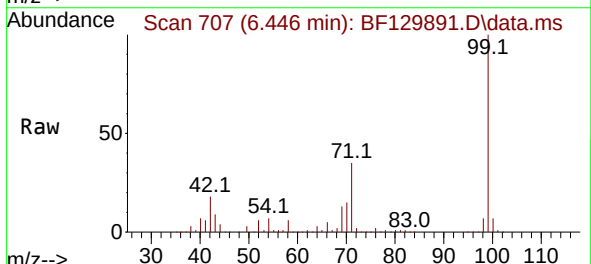
Instrument :
BNA_F
ClientSampleId :
SB08

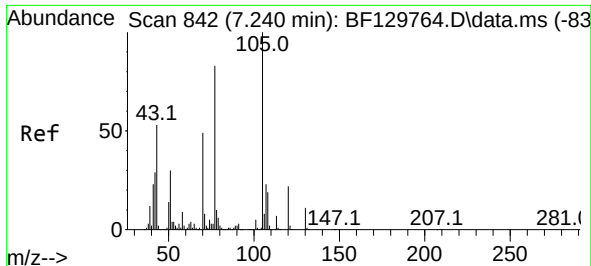
Tgt Ion: 99 Resp: 764532
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 35.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.446 min Scan# 707
Delta R.T. 0.094 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion: 77 Resp: 1290
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

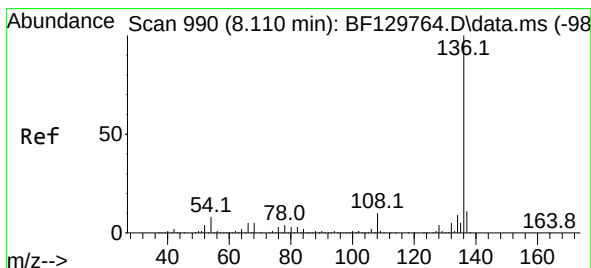
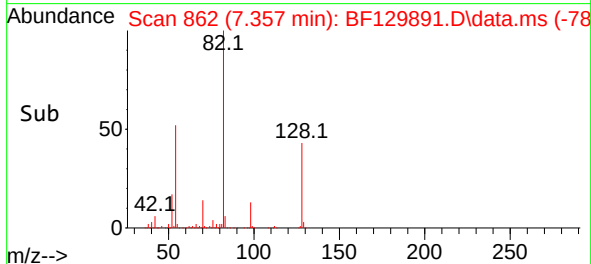
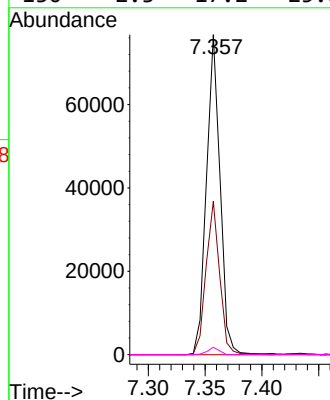
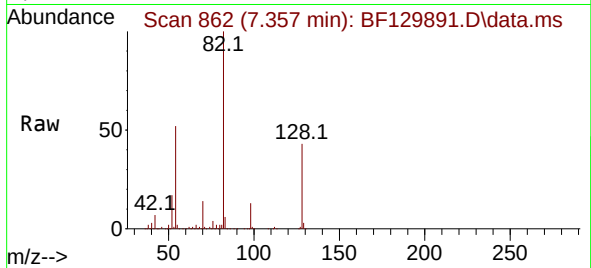




#19
n-Nitroso-di-n-propylamine
Concen: 12.567 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

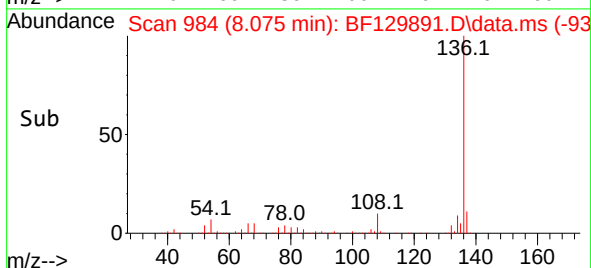
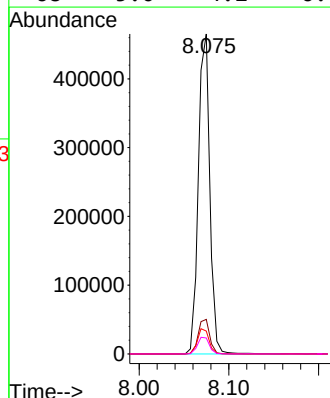
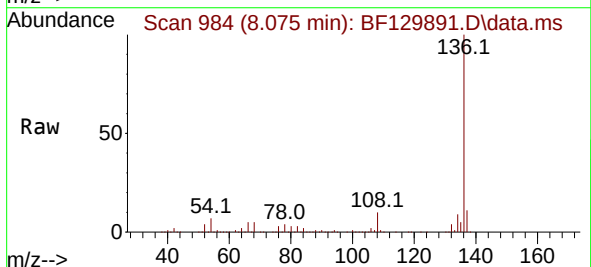
Instrument :
BNA_F
ClientSampleId :
SB08

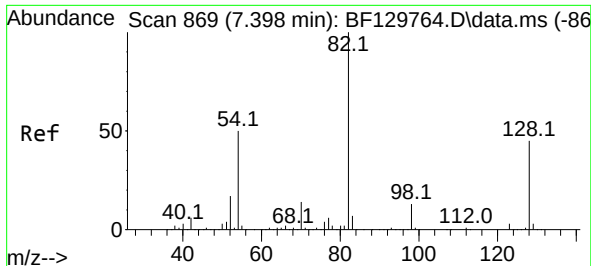
Tgt Ion: 70 Resp: 63875
Ion Ratio Lower Upper
70 100
42 48.0 47.6 71.4
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion: 136 Resp: 411958
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.2 6.2 9.2
68 5.0 4.2 6.4

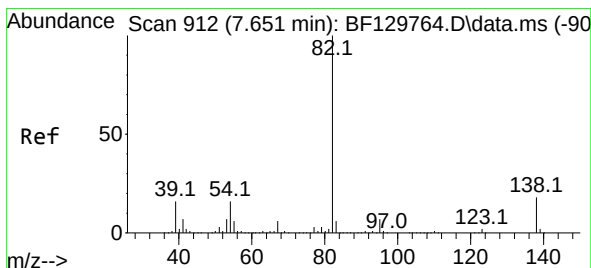
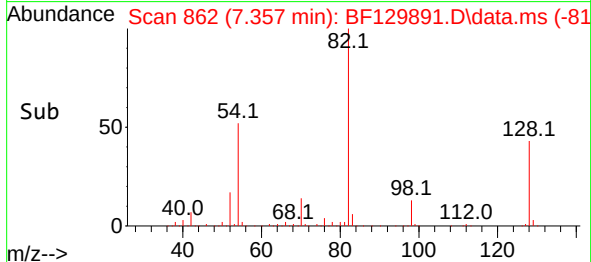
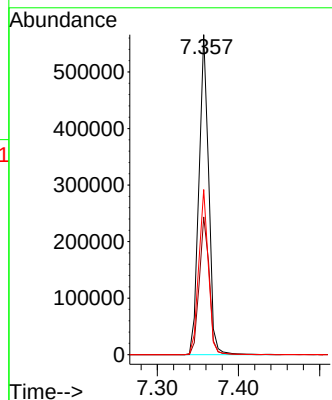
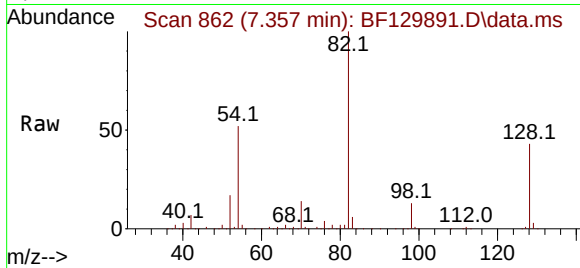




#23
Nitrobenzene-d5
Concen: 61.777 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

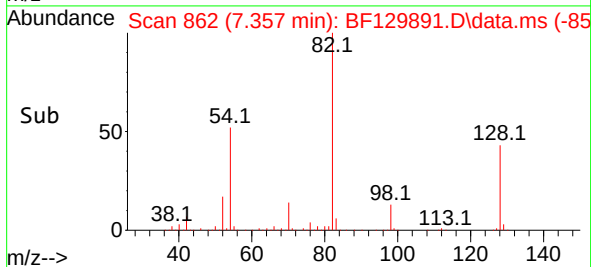
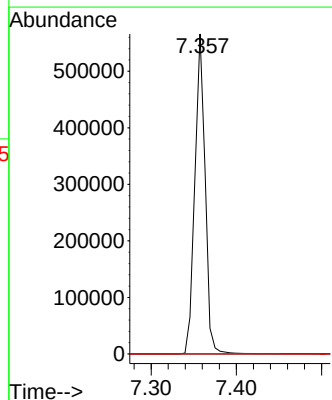
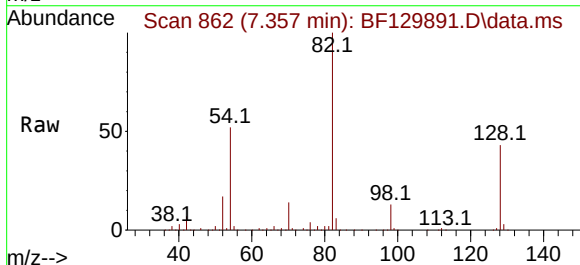
Instrument :
BNA_F
ClientSampleId :
SB08

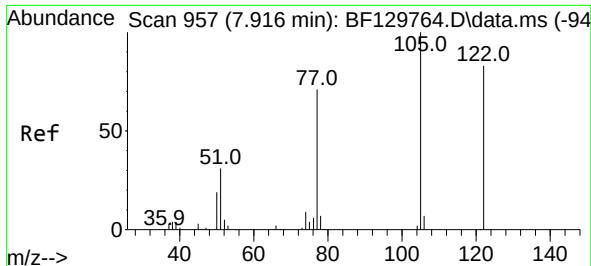
Tgt Ion: 82 Resp: 475413
Ion Ratio Lower Upper
82 100
128 43.1 36.1 54.1
54 51.6 40.0 60.0



#25
Isophorone
Concen: 35.893 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.264 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion: 82 Resp: 475406
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

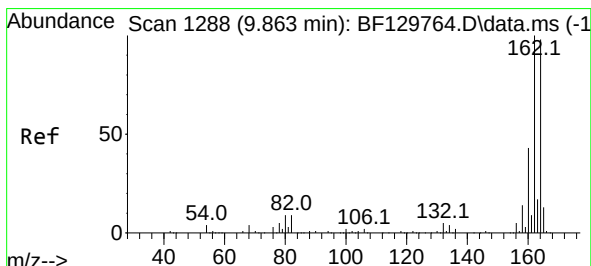
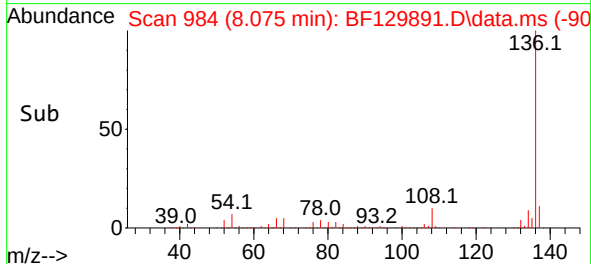
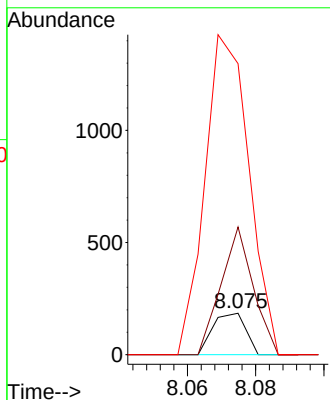
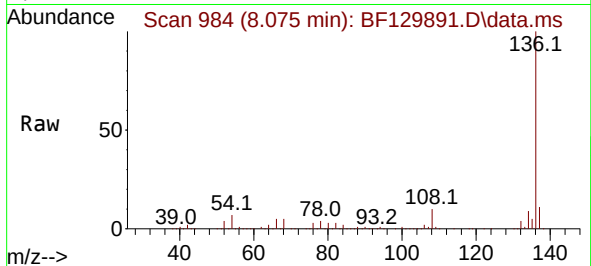




#32
Benzoic acid
Concen: 2.215 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

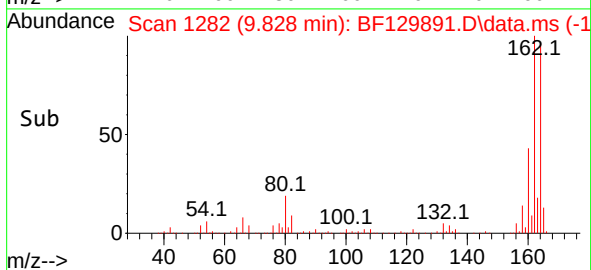
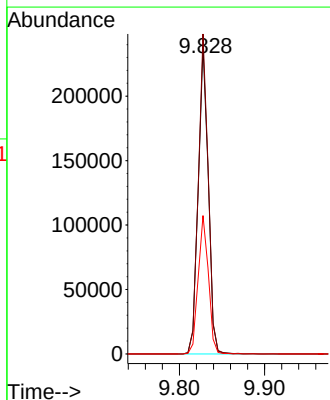
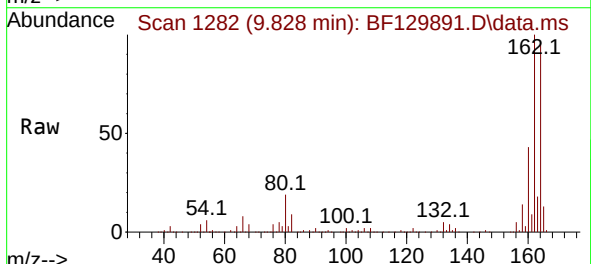
Instrument :
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ClientSampleId :
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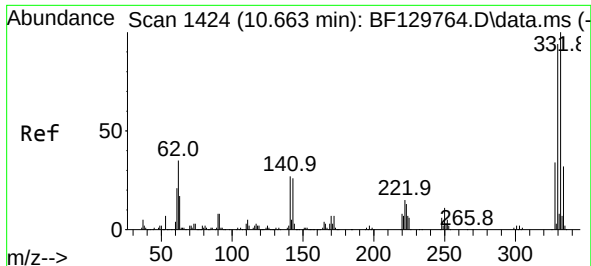
Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 307.6 99.9 139.9#
77 701.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion:164 Resp: 196057
Ion Ratio Lower Upper
164 100
162 104.0 82.0 123.0
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 78.535 ng

RT: 10.622 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF129891.D

Acq: 18 Aug 2022 23:26

Instrument :

BNA_F

ClientSampleId :

SB08

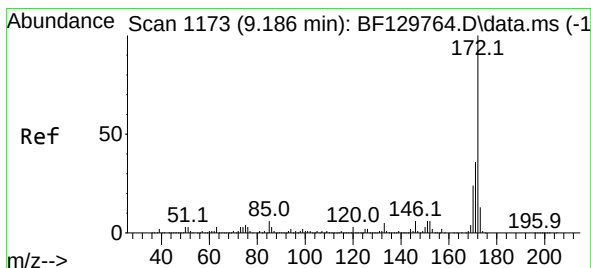
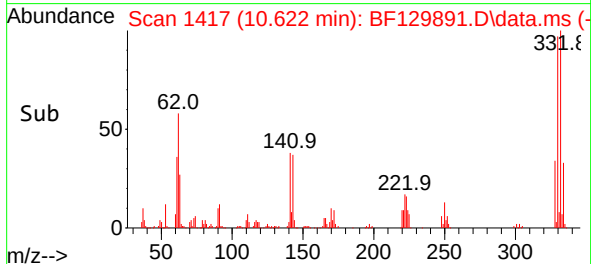
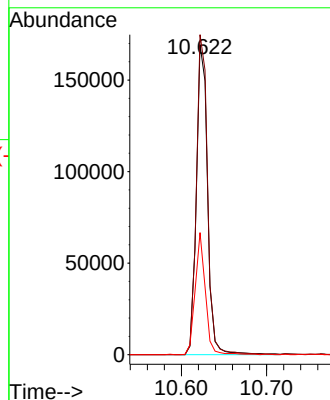
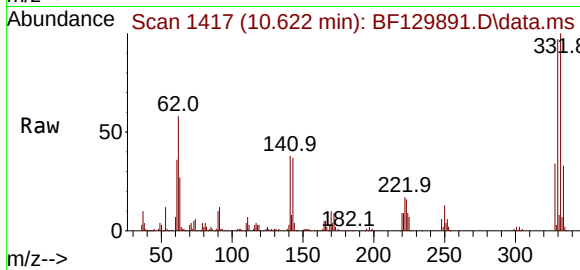
Tgt Ion:330 Resp: 154535

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 35.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 64.573 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF129891.D

Acq: 18 Aug 2022 23:26

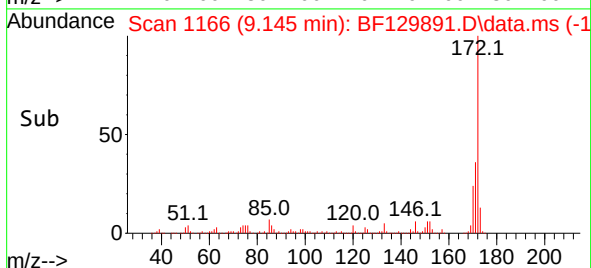
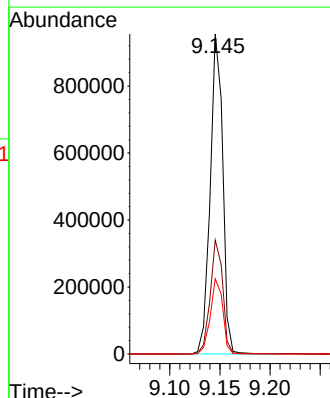
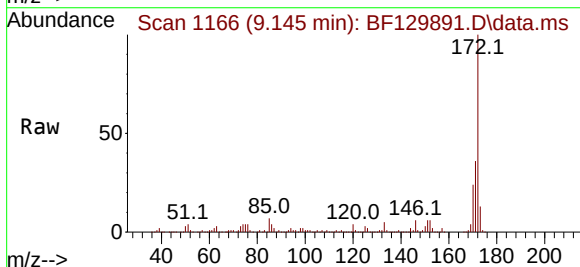
Tgt Ion:172 Resp: 833547

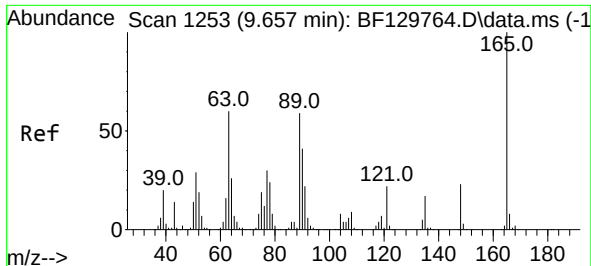
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.477 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129891.D

Acq: 18 Aug 2022 23:26

Instrument :

BNA_F

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SB08

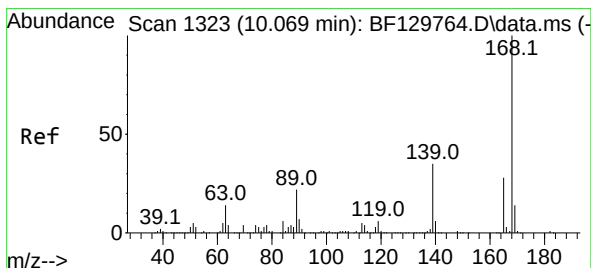
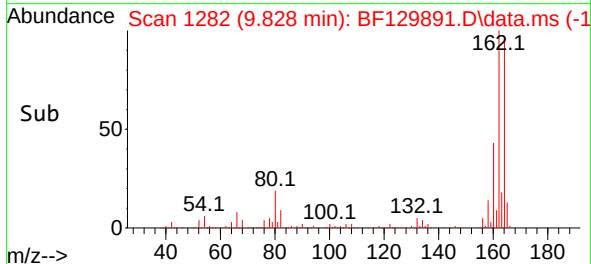
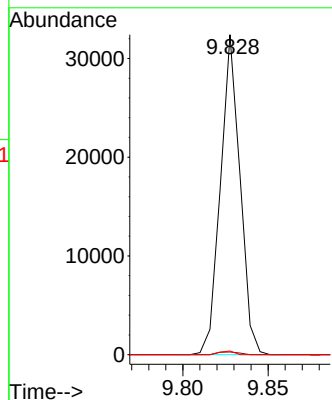
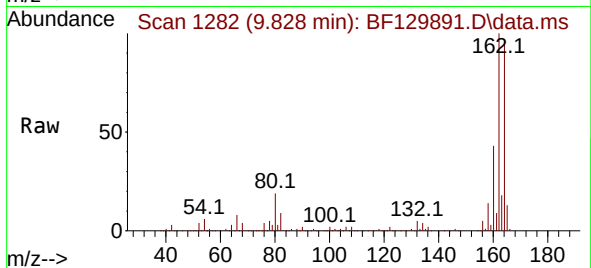
Tgt Ion:165 Resp: 25844

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.530 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.212 min

Lab File: BF129891.D

Acq: 18 Aug 2022 23:26

Tgt Ion:165 Resp: 25844

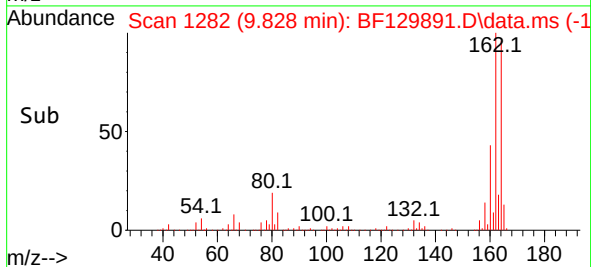
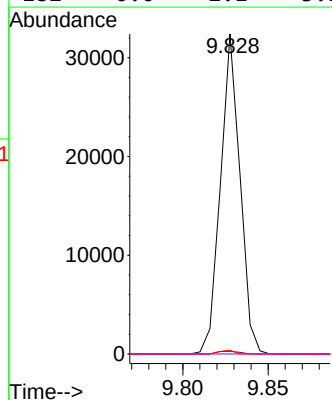
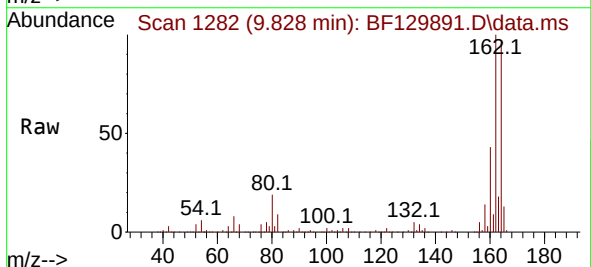
Ion Ratio Lower Upper

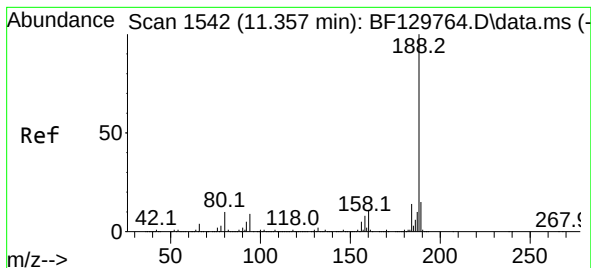
165 100

63 0.8 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: 11.322 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129891.D

Acq: 18 Aug 2022 23:26

Instrument :

BNA_F

ClientSampleId :

SB08

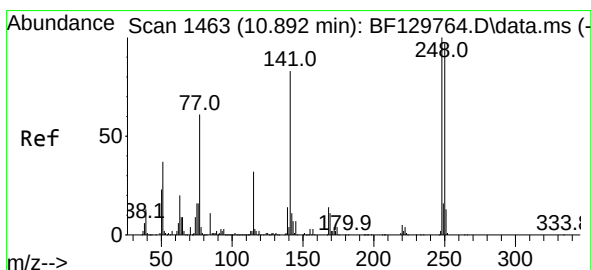
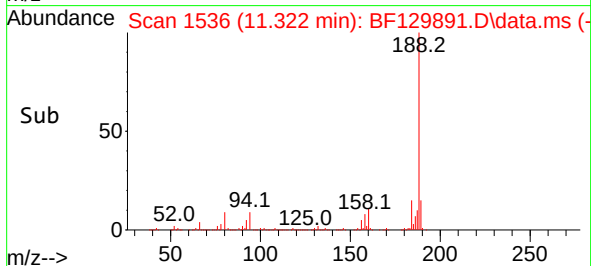
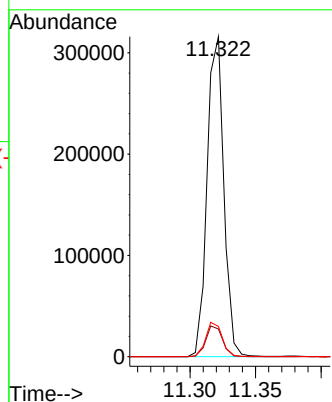
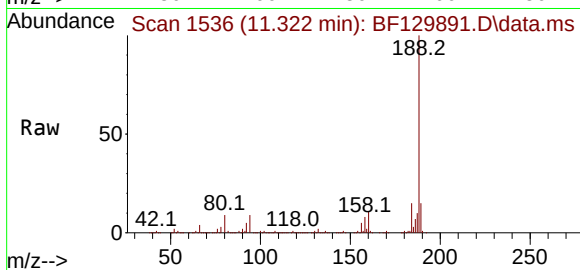
Tgt Ion:188 Resp: 280969

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.051 ng

RT: 10.622 min Scan# 1417

Delta R.T. -0.241 min

Lab File: BF129891.D

Acq: 18 Aug 2022 23:26

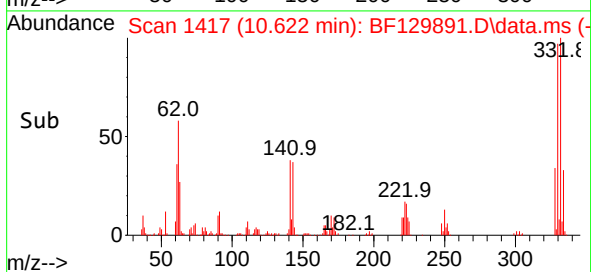
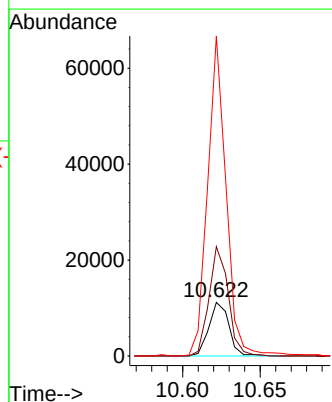
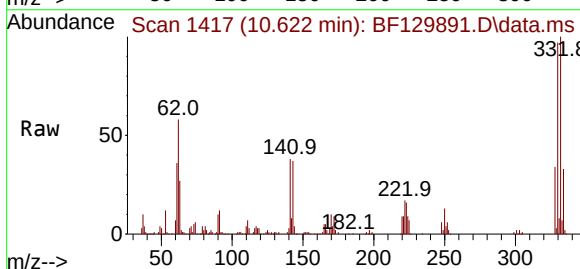
Tgt Ion:248 Resp: 10039

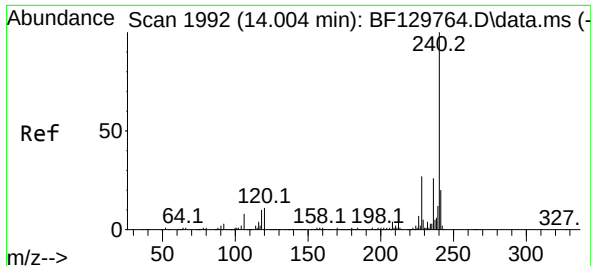
Ion Ratio Lower Upper

248 100

250 203.6 77.8 116.6#

141 596.2 66.2 99.2#

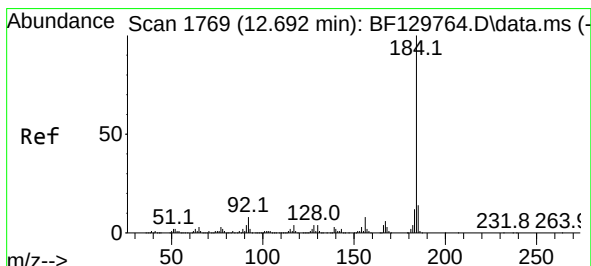
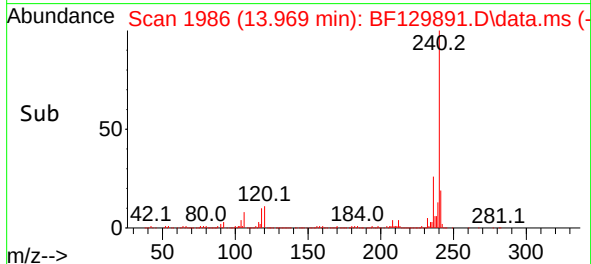
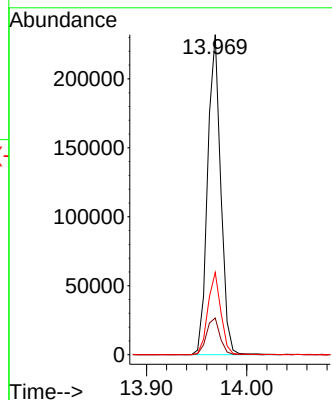
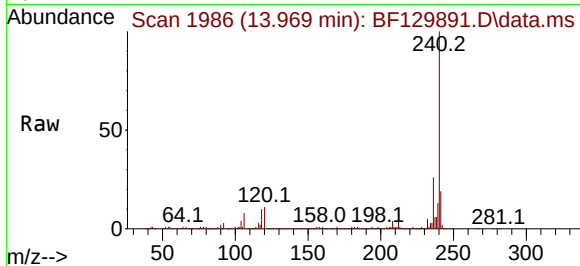




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

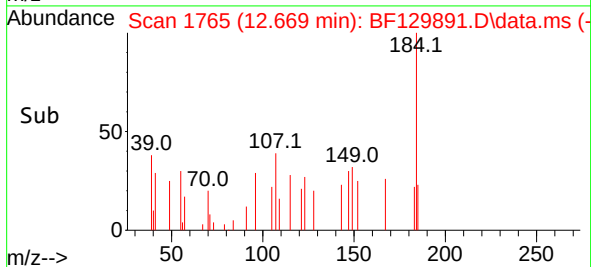
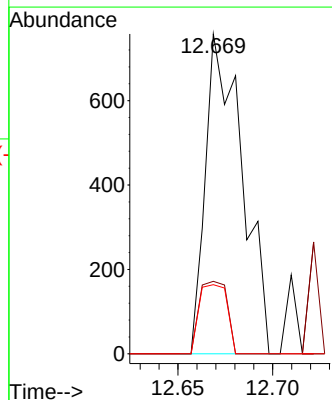
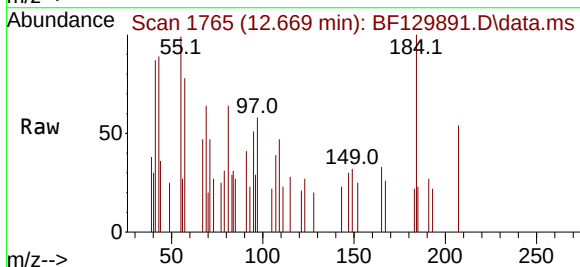
Instrument :
BNA_F
ClientSampleId :
SB08

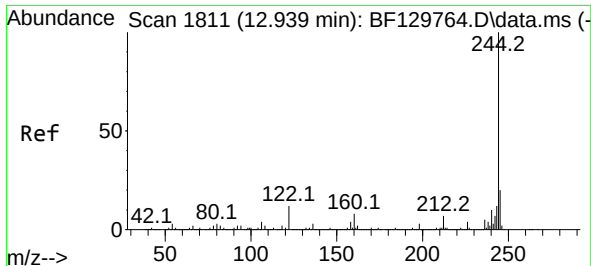
Tgt Ion:240 Resp: 211395
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.7 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.669 min Scan# 1765
Delta R.T. 0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion:184 Resp: 1020
Ion Ratio Lower Upper
184 100
185 22.7 11.4 17.2#
183 21.6 9.4 14.2#

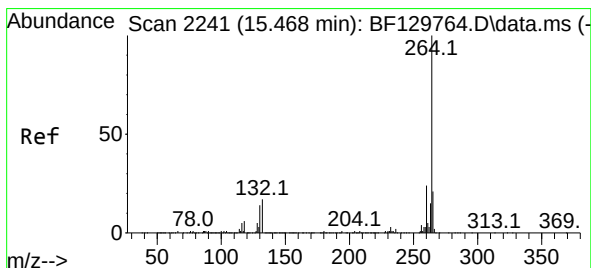
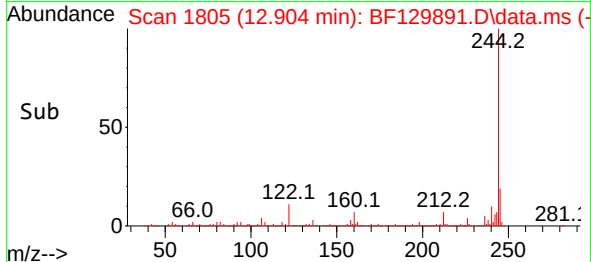
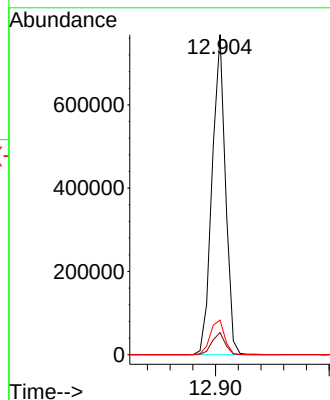
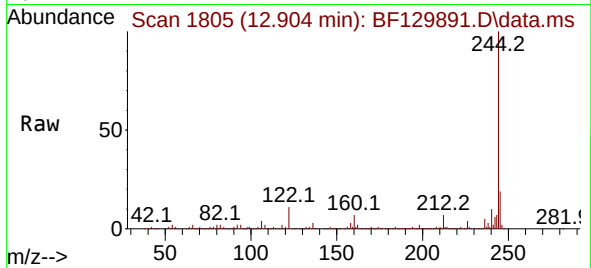




#79
Terphenyl-d14
Concen: 49.247 ng
RT: 12.904 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Instrument :
BNA_F
ClientSampleId :
SB08

Tgt Ion:244 Resp: 625658
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.8 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BF129891.D
Acq: 18 Aug 2022 23:26

Tgt Ion:264 Resp: 259603
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.3 16.7 25.1

