

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129968.D
 Acq On : 24 Aug 2022 11:44
 Operator : CG\JU
 Sample : PB147081BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PB147081BL

Quant Time: Aug 24 14:06:00 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)

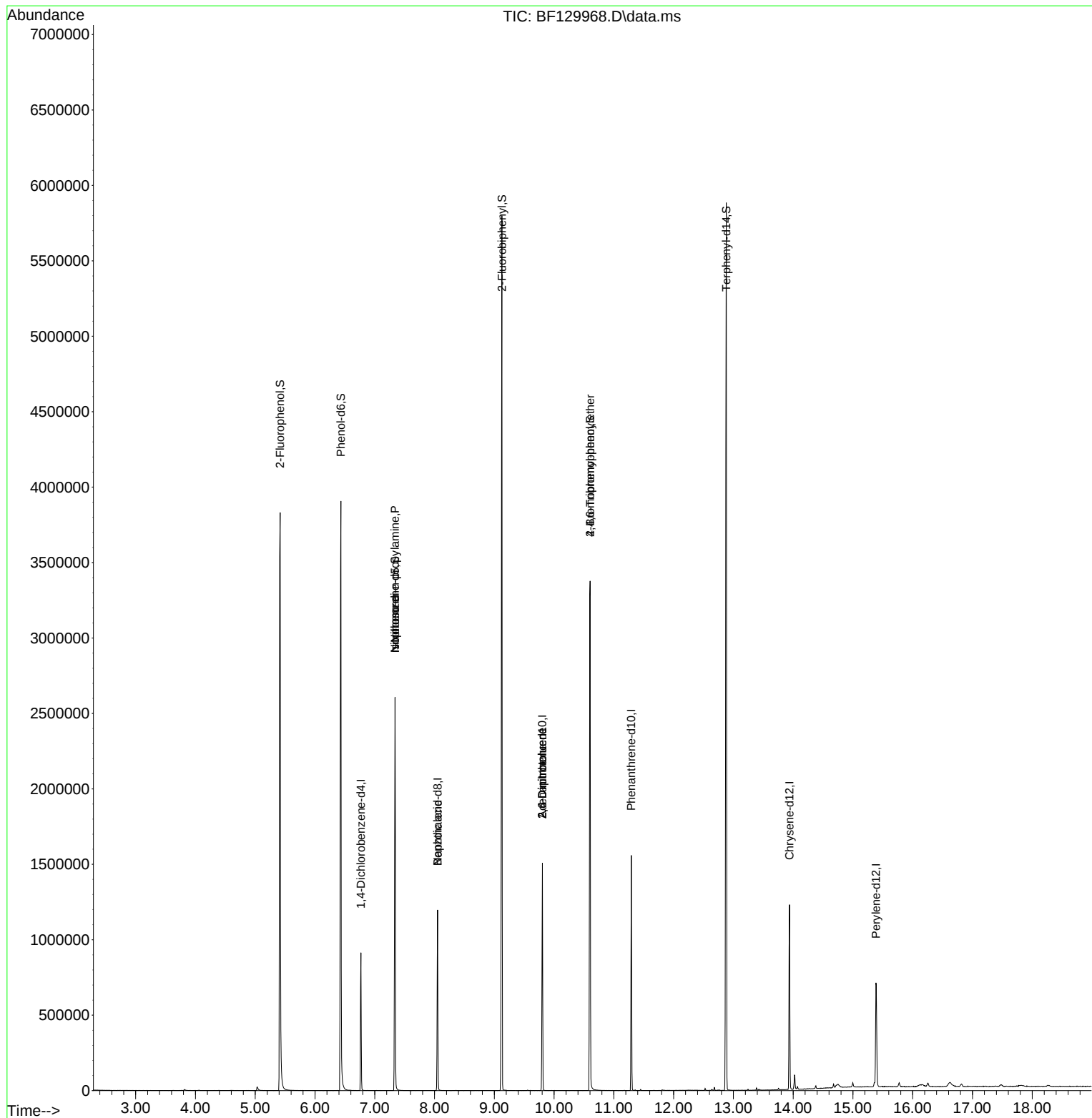
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	122736	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	501203	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	276741	20.000	ng	-0.01
64) Phenanthrene-d10	11.292	188	490746	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	387110	20.000	ng	-0.01
86) Perylene-d12	15.386	264	313585	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1090672	147.131	ng	0.00
7) Phenol-d6	6.434	99	1358689	146.362	ng	0.00
23) Nitrobenzene-d5	7.339	82	873613	93.308	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	414861	149.364	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1638211	89.908	ng	0.00
79) Terphenyl-d14	12.880	244	1933705	83.117	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	2338	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.339	70	119631	20.388	ng	# 77
25) Isophorone	7.339	82	873604	54.212	ng	# 65
32) Benzoic acid	8.051	122	68	2.178	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	35090	8.154	ng	# 23
57) 2,4-Dinitrotoluene	9.804	165	35090	6.281	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	26604	4.628	ng	# 1
77) Benzidine	12.639	184	4249	Below Cal		97

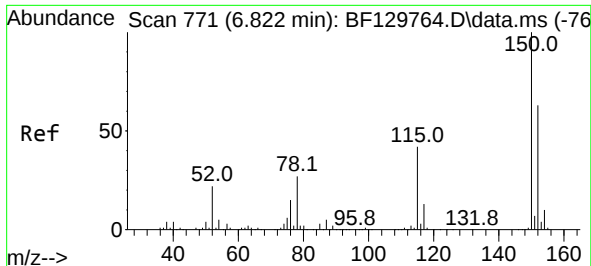
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
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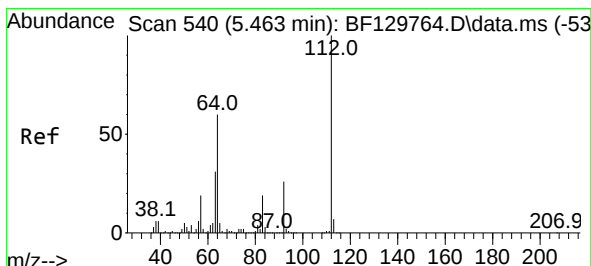
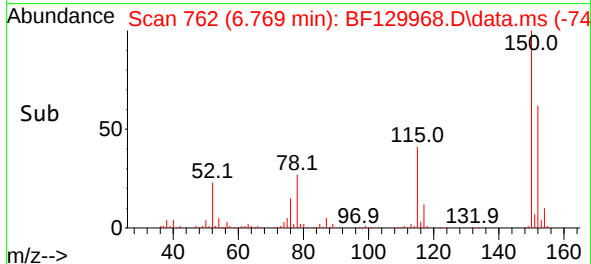
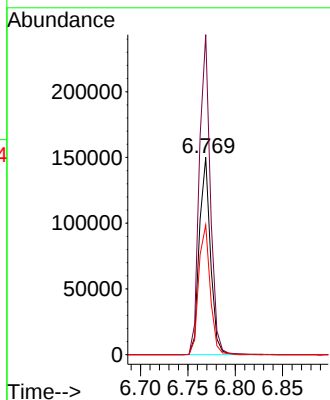
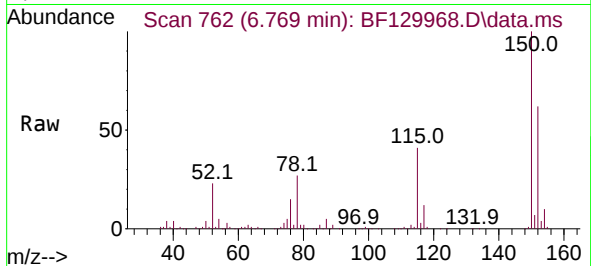




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

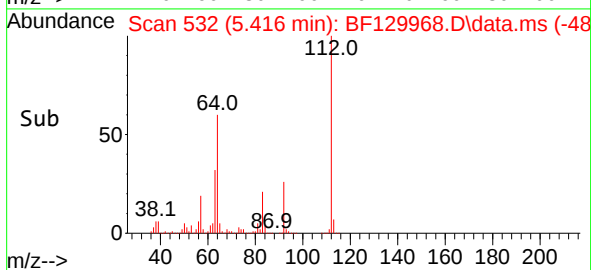
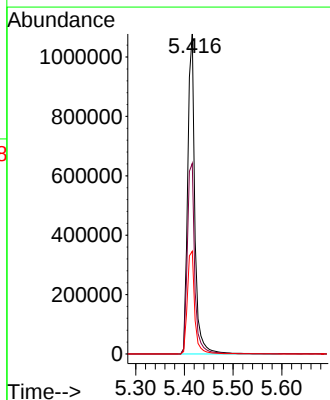
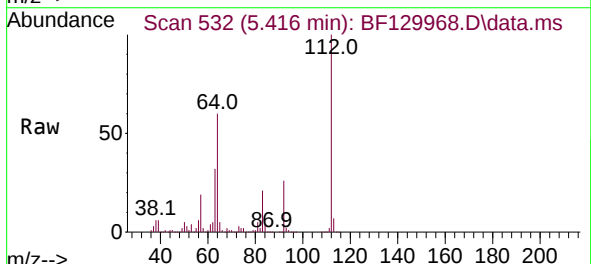
Instrument :
MSVOA_D
ClientSampleId :
PB147081BL

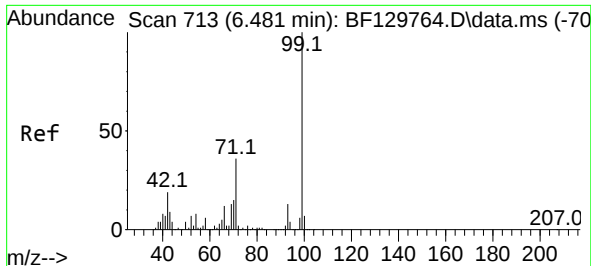
Tgt Ion:152 Resp: 122736
Ion Ratio Lower Upper
152 100
150 162.2 126.9 190.3
115 65.8 53.4 80.0



#5
2-Fluorophenol
Concen: 147.131 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion:112 Resp: 1090672
Ion Ratio Lower Upper
112 100
64 59.6 47.6 71.4
63 32.1 24.6 37.0



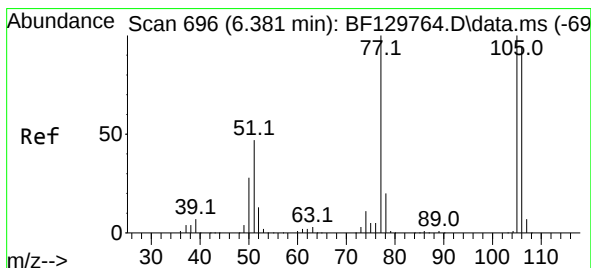
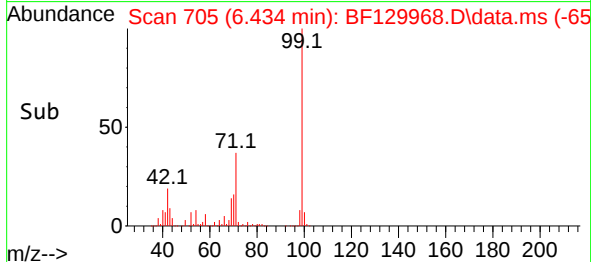
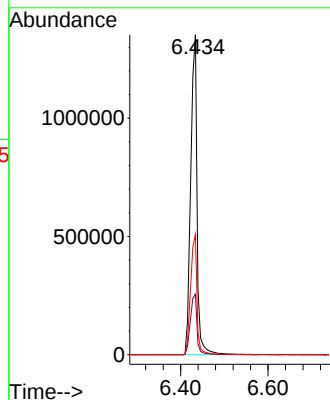
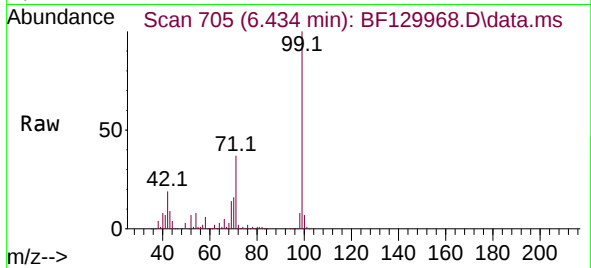


#7
Phenol-d6
Concen: 146.362 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.000 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Instrument :
MSVOA_D
ClientSampleId :
PB147081BL

Tgt Ion: 99 Resp: 1358689

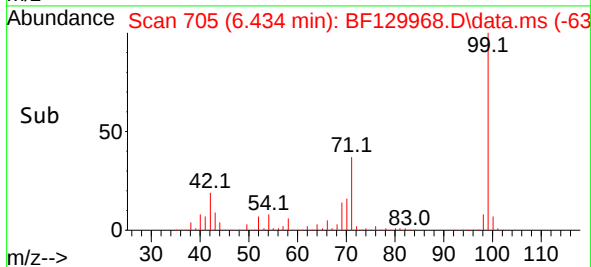
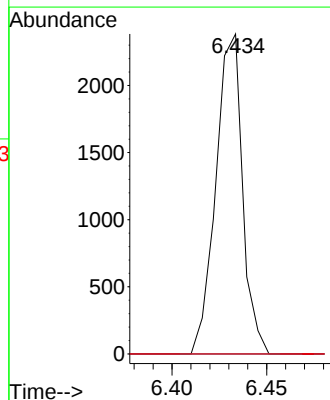
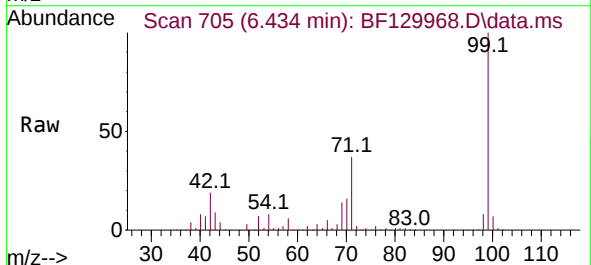
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.4
71	37.5	28.8	43.2

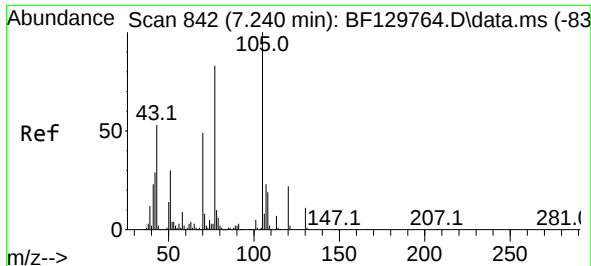


#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion: 77 Resp: 2338

Ion	Ratio	Lower	Upper
77	100		
105	0.0	80.3	120.3#
106	0.0	74.3	114.3#

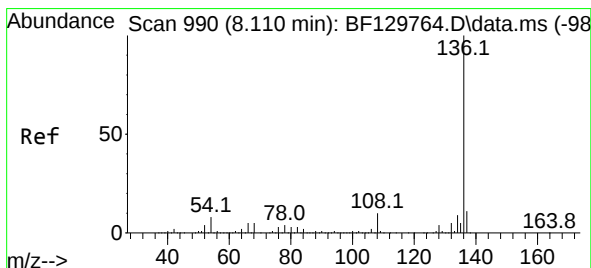
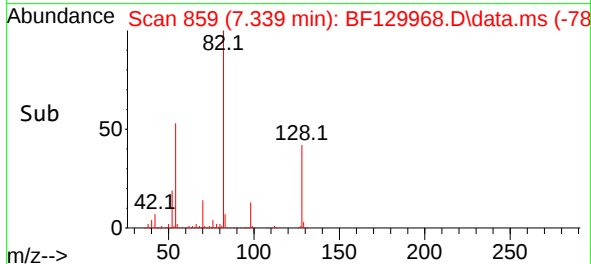
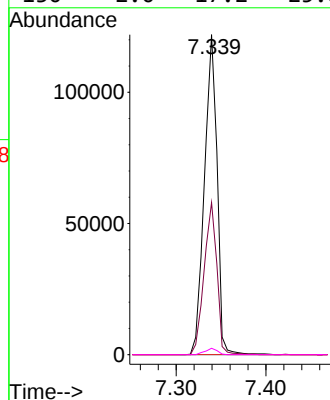
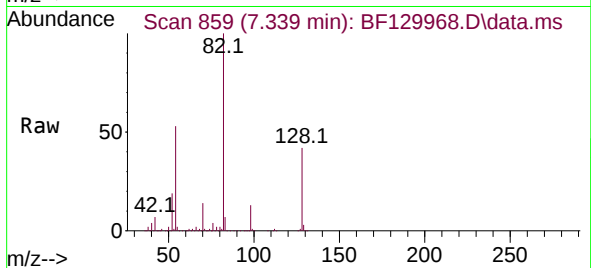




#19
n-Nitroso-di-n-propylamine
Concen: 20.388 ng
RT: 7.339 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

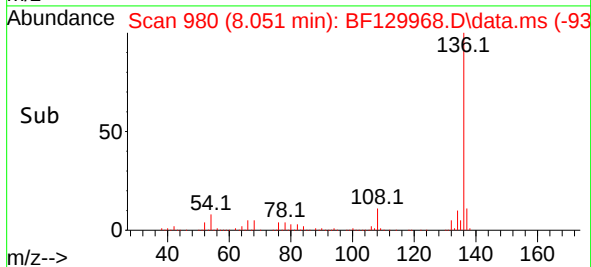
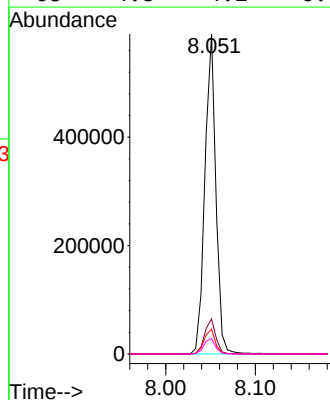
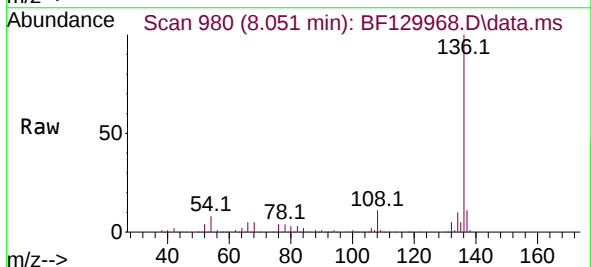
Instrument :
MSVOA_D
ClientSampleId :
PB147081BL

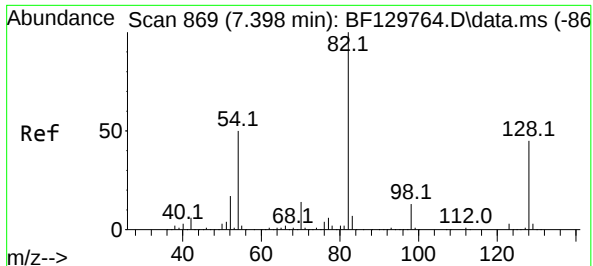
Tgt Ion: 70 Resp: 119631
Ion Ratio Lower Upper
70 100
42 47.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion: 136 Resp: 501203
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 4.8 4.2 6.4

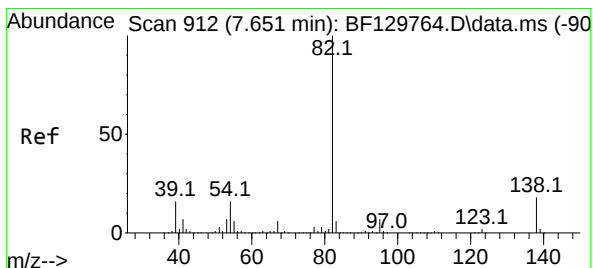
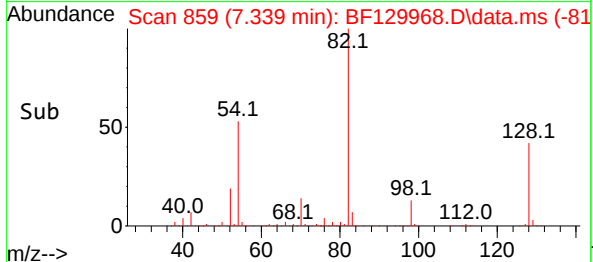
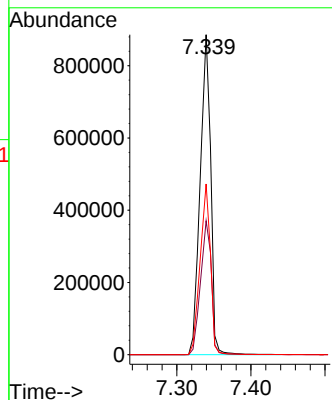
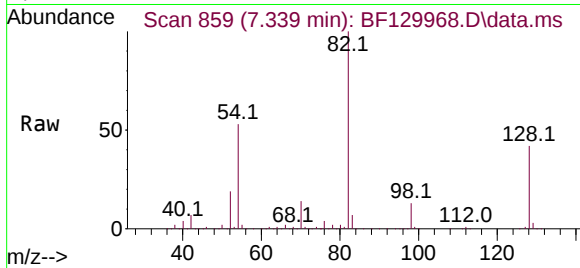




#23
Nitrobenzene-d5
Concen: 93.308 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

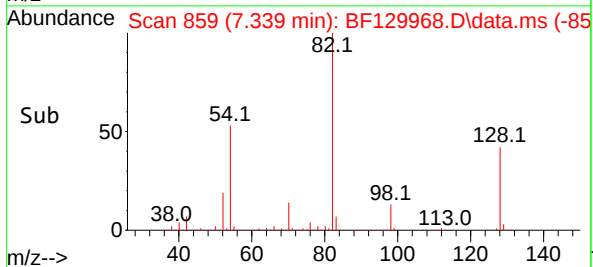
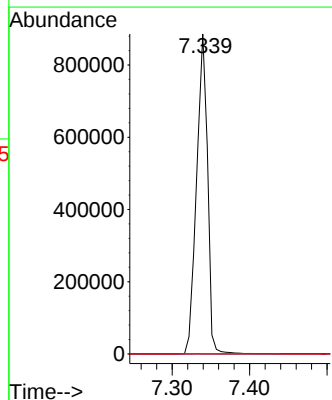
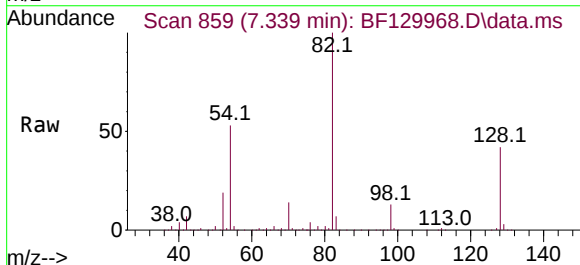
Instrument :
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ClientSampleId :
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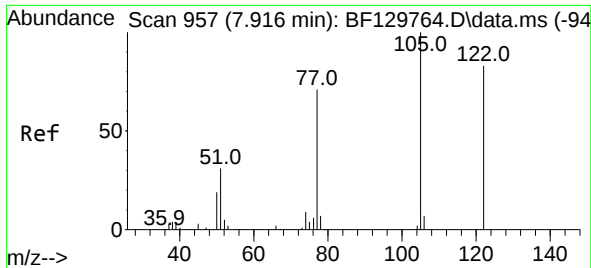
Tgt Ion: 82 Resp: 873613
Ion Ratio Lower Upper
82 100
128 41.9 36.1 54.1
54 53.3 40.0 60.0



#25
Isophorone
Concen: 54.212 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.265 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion: 82 Resp: 873604
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

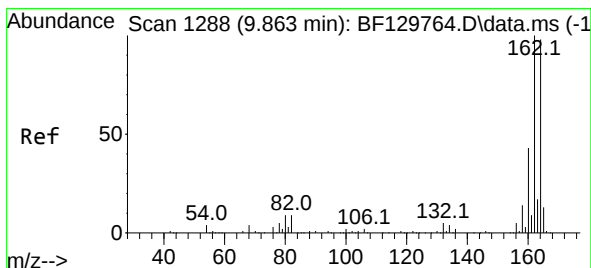
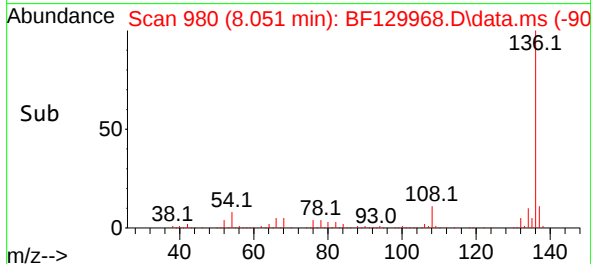
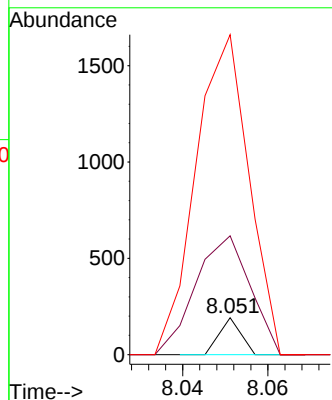
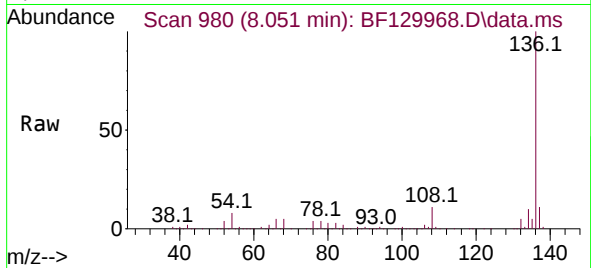




#32
Benzoic acid
Concen: 2.178 ng
RT: 8.051 min Scan# 91
Delta R.T. 0.171 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

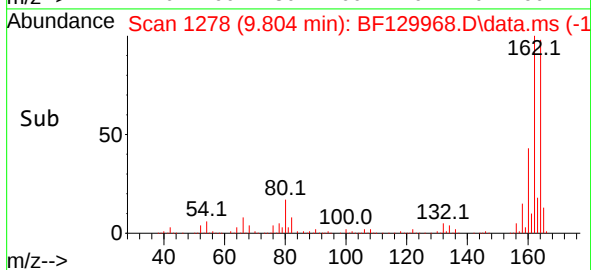
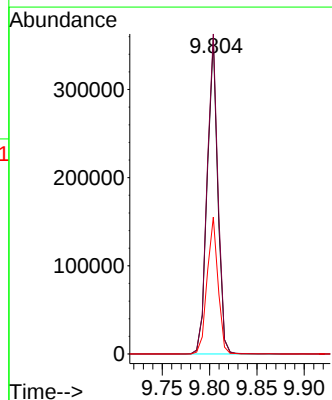
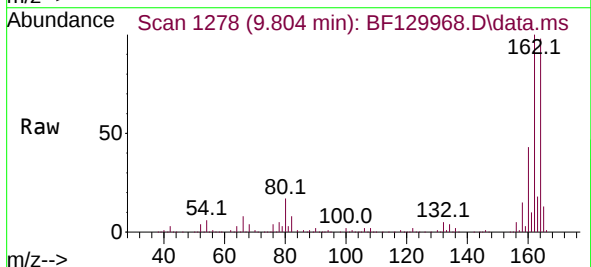
Instrument :
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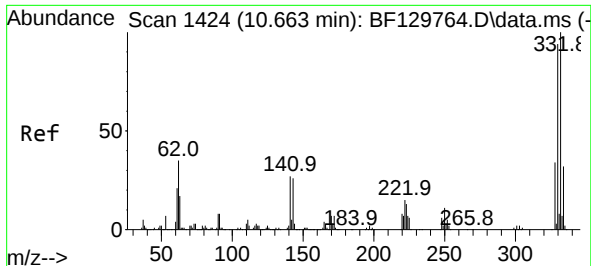
Tgt Ion:122	Resp:	68
Ion	Ratio	Lower Upper
122	100	
105	321.4	99.9 139.9#
77	865.1	65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion:164	Resp:	276741
Ion	Ratio	Lower Upper
164	100	
162	101.7	82.0 123.0
160	43.5	35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 149.364 ng

RT: 10.604 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

Instrument :

MSVOA_D

ClientSampleId :

PB147081BL

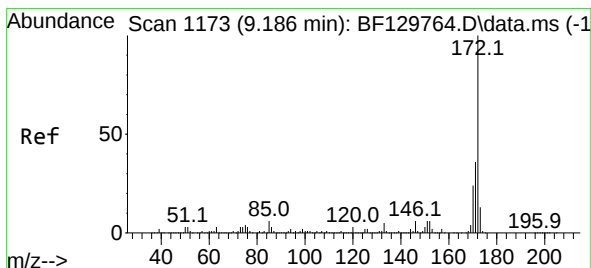
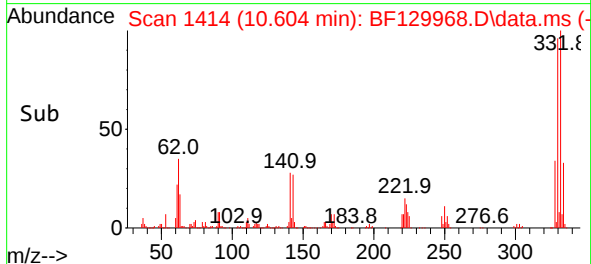
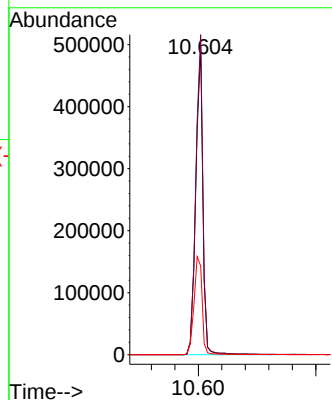
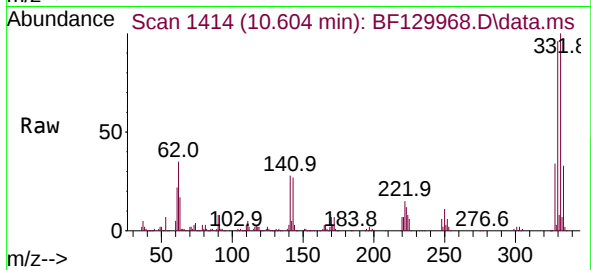
Tgt Ion:330 Resp: 414861

Ion Ratio Lower Upper

330 100

332 104.0 82.6 124.0

141 36.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 89.908 ng

RT: 9.128 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

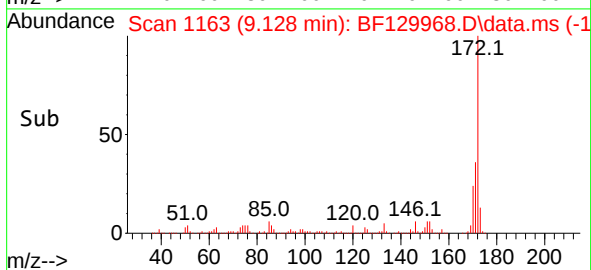
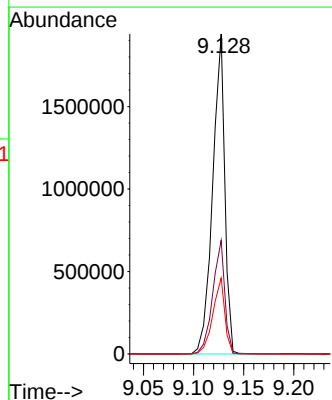
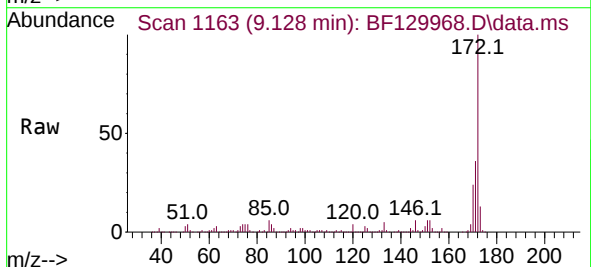
Tgt Ion:172 Resp: 1638211

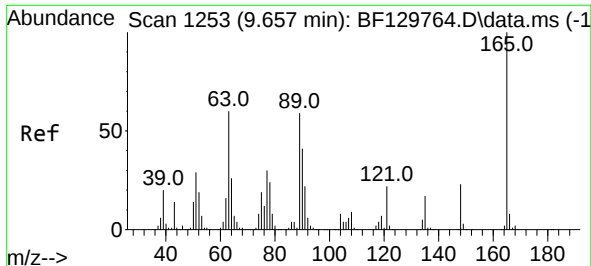
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.1 28.7

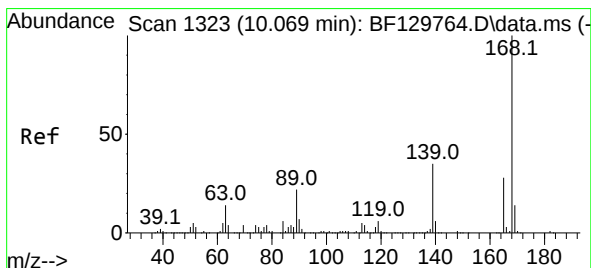
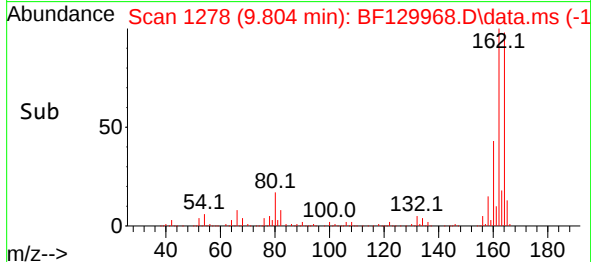
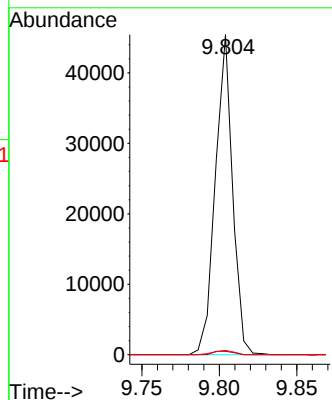
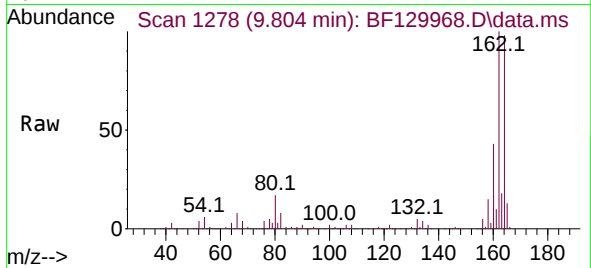




#51
2,6-Dinitrotoluene
Concen: 8.154 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.188 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

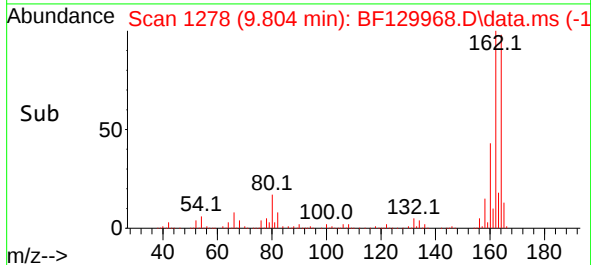
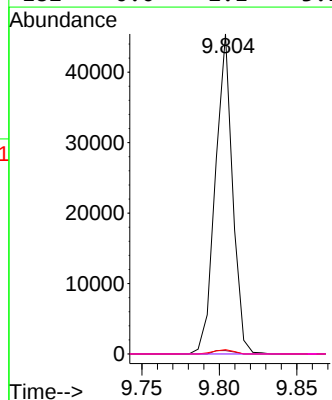
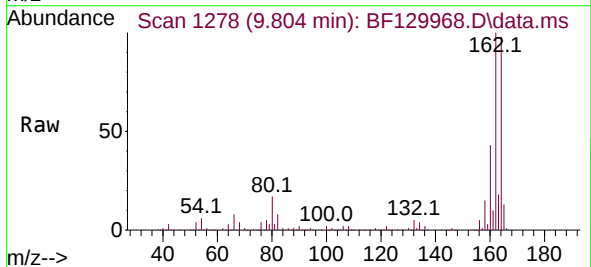
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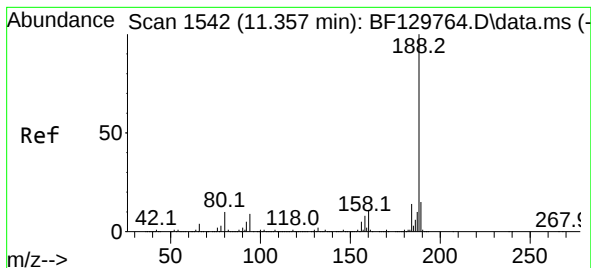
Tgt Ion:165 Resp: 35090
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.281 ng
RT: 9.804 min Scan# 1278
Delta R.T. -0.218 min
Lab File: BF129968.D
Acq: 24 Aug 2022 11:44

Tgt Ion:165 Resp: 35090
Ion Ratio Lower Upper
165 100
63 1.1 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: 11.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

Instrument :

MSVOA_D

ClientSampleId :

PB147081BL

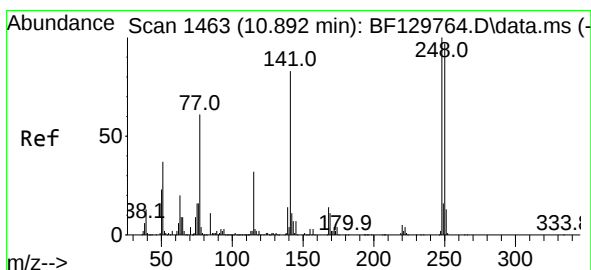
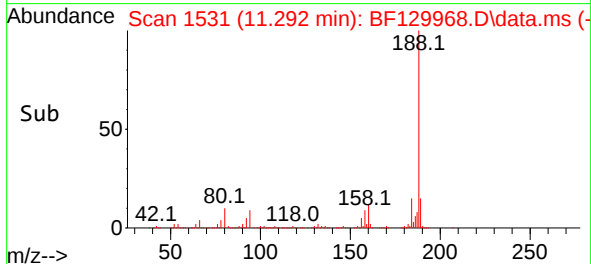
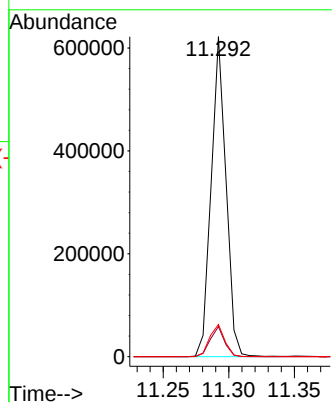
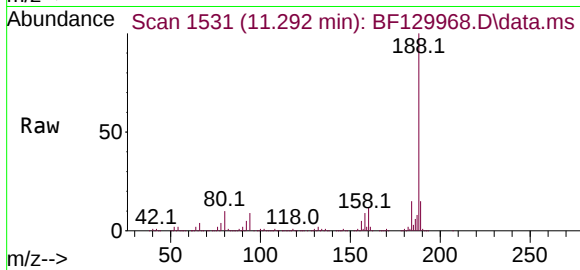
Tgt Ion:188 Resp: 490746

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.1 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.628 ng

RT: 10.604 min Scan# 1414

Delta R.T. -0.241 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

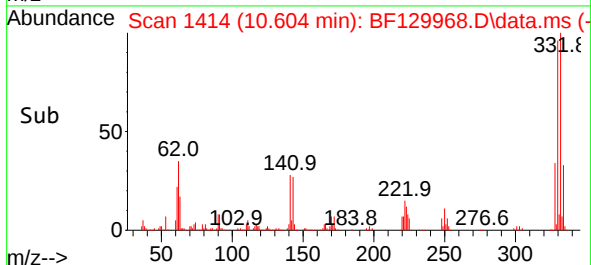
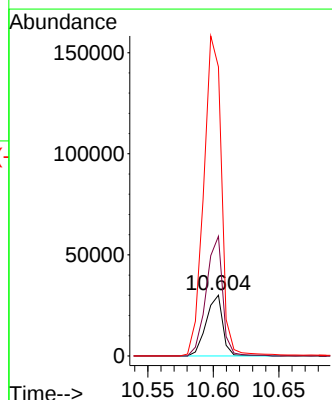
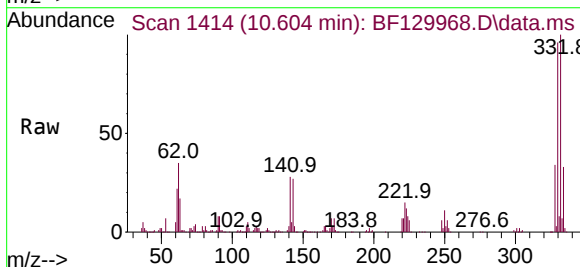
Tgt Ion:248 Resp: 26604

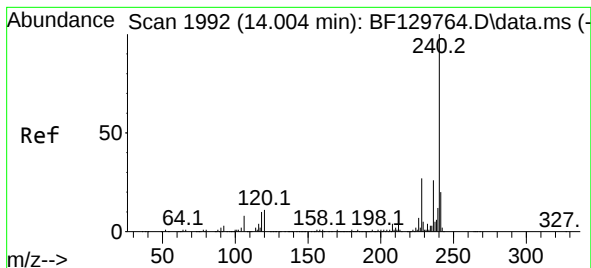
Ion Ratio Lower Upper

248 100

250 196.9 77.8 116.6#

141 475.5 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 1992

Delta R.T. -0.012 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

Instrument :

MSVOA_D

ClientSampleId :

PB147081BL

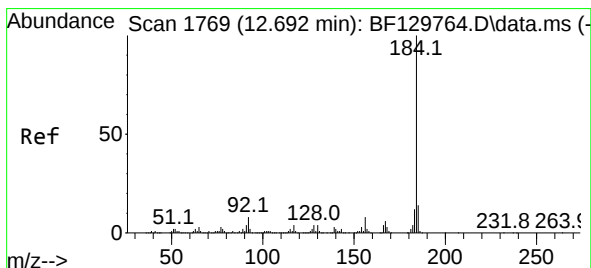
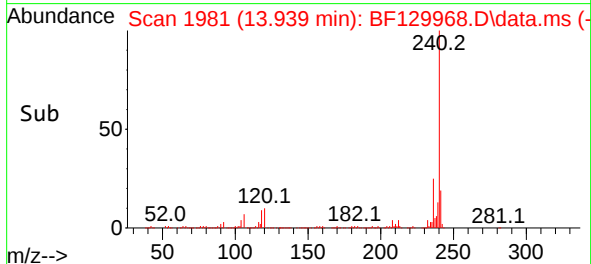
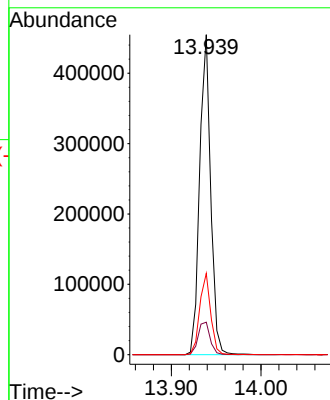
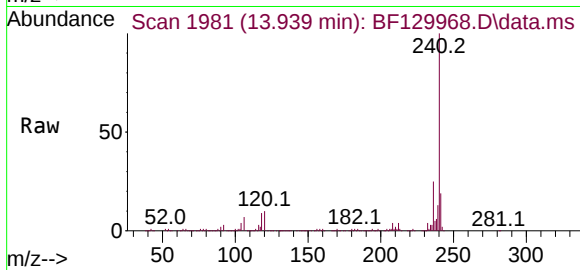
Tgt Ion:240 Resp: 387110

Ion Ratio Lower Upper

240 100

120 10.1 9.2 13.8

236 25.4 20.7 31.1



#77

Benidine

Concen: Below Cal

RT: 12.639 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BF129968.D

Acq: 24 Aug 2022 11:44

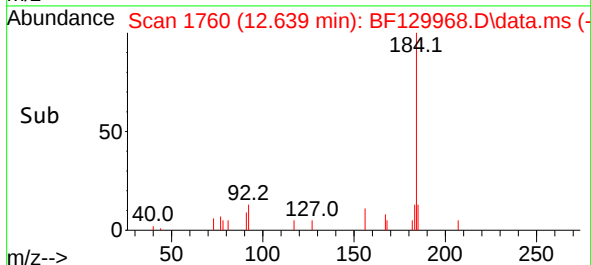
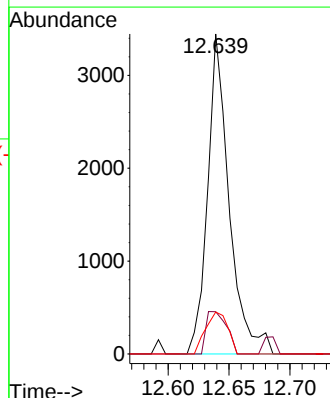
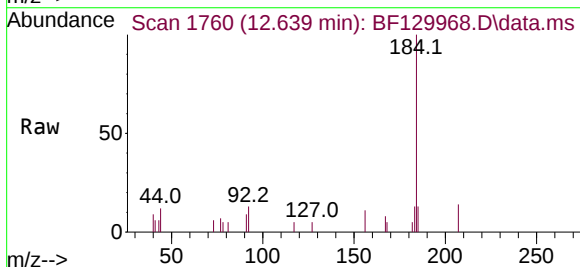
Tgt Ion:184 Resp: 4249

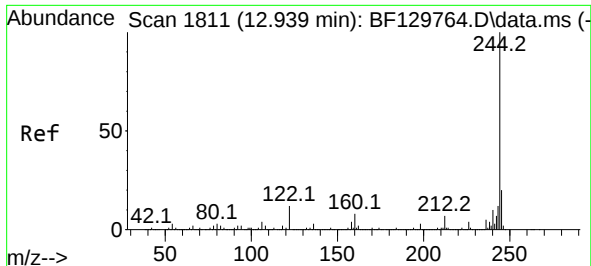
Ion Ratio Lower Upper

184 100

185 13.2 11.4 17.2

183 13.1 9.4 14.2

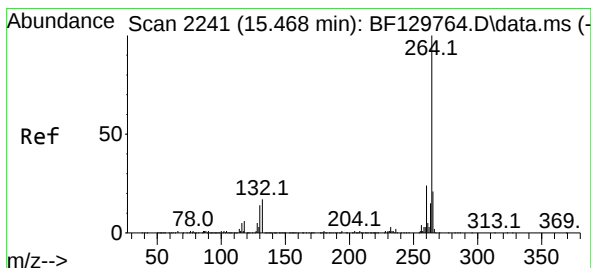
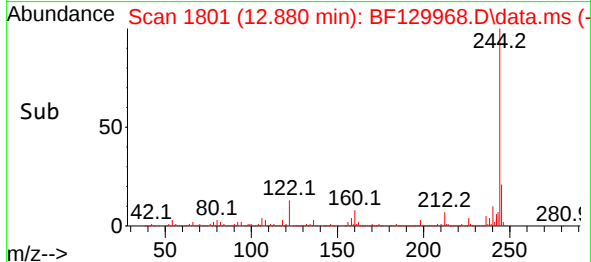
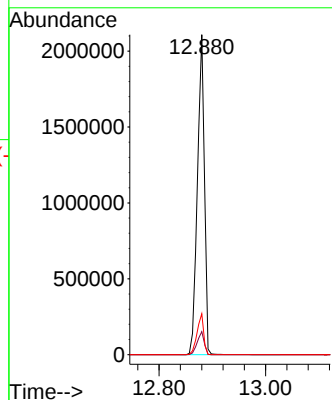
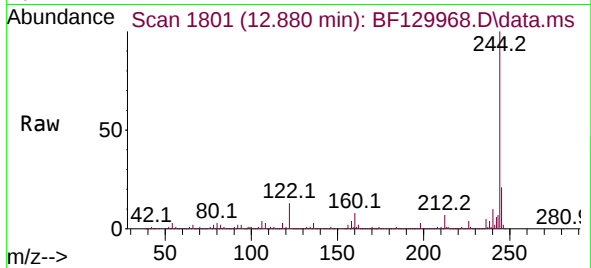




#79
 Terphenyl-d14
 Concen: 83.117 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129968.D
 Acq: 24 Aug 2022 11:44

Instrument :
 MSVOA_D
 ClientSampleId :
 PB147081BL

Tgt Ion:244 Resp: 1933705
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.8 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2227
 Delta R.T. -0.012 min
 Lab File: BF129968.D
 Acq: 24 Aug 2022 11:44

Tgt Ion:264 Resp: 313585
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.4 16.7 25.1

