

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129886.D
 Acq On : 18 Aug 2022 20:47
 Operator : CG\JU
 Sample : N4200-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12

Quant Time: Aug 19 01:04:19 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)

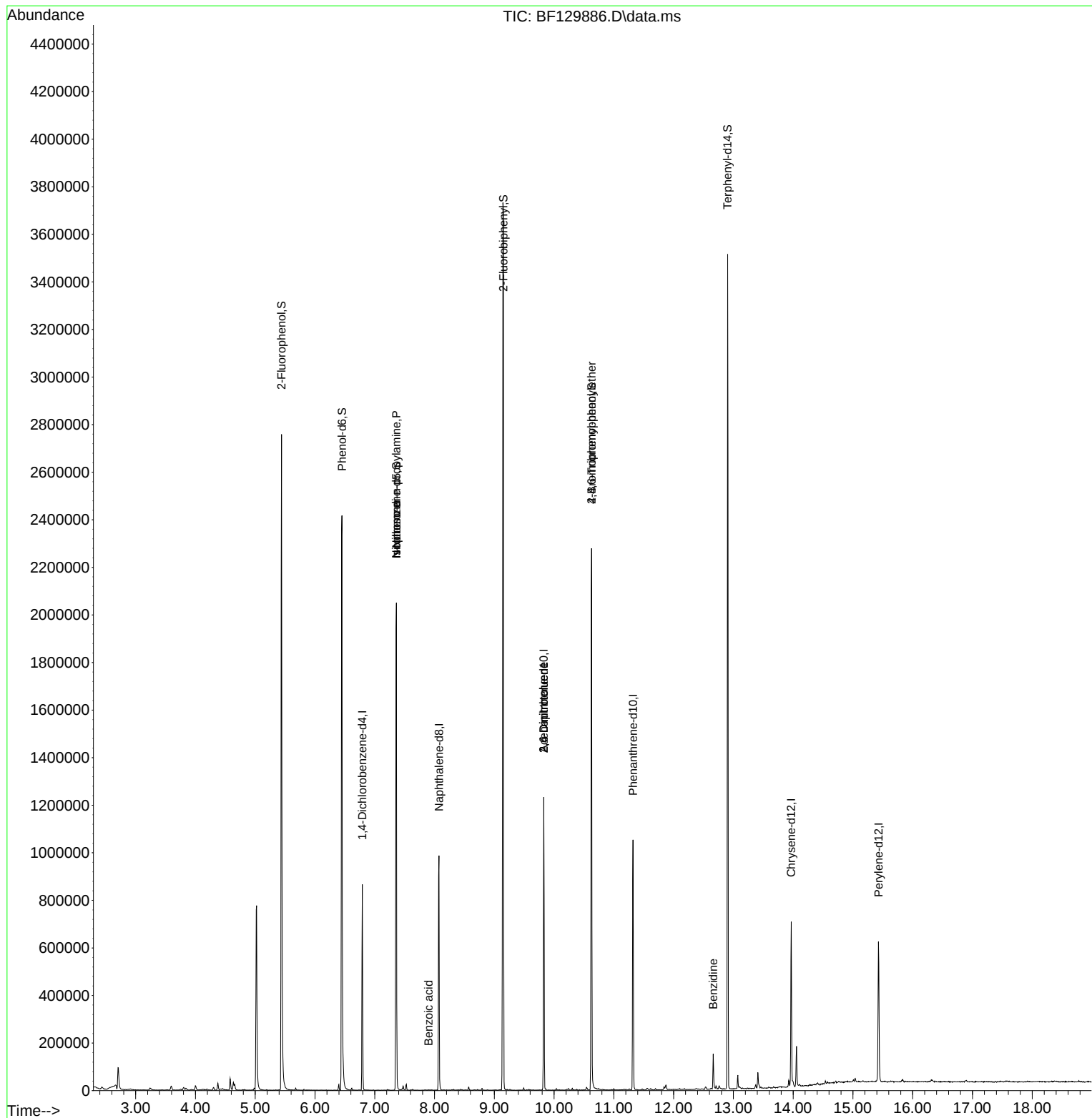
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	114736	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	456552	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	237570	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	369203	20.000	ng	0.00
76) Chrysene-d12	13.968	240	218642	20.000	ng	0.00
86) Perylene-d12	15.427	264	255395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	794256	114.615	ng	0.01
7) Phenol-d6	6.451	99	908845	104.730	ng	0.00
23) Nitrobenzene-d5	7.363	82	685397	80.364	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	281749	118.165	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1272755	81.368	ng	0.00
79) Terphenyl-d14	12.904	244	1135058	86.382	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	65	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	90750	16.544	ng	# 74
25) Isophorone	7.363	82	685389	46.692	ng	# 65
32) Benzoic acid	7.898	122	470	2.377	ng	# 66
51) 2,6-Dinitrotoluene	9.827	165	30839	8.348	ng	# 22
57) 2,4-Dinitrotoluene	9.827	165	30839	6.431	ng	# 17
67) 4-Bromophenyl-phenylether	10.627	248	17631	4.077	ng	# 1
77) Benzidine	12.663	184	52059	5.181	ng	97

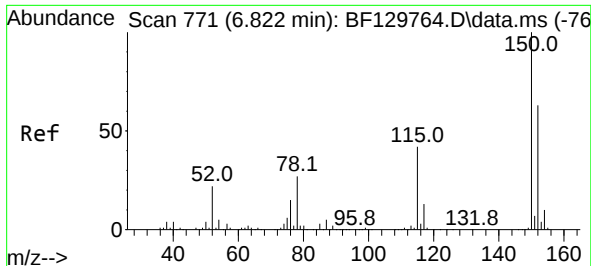
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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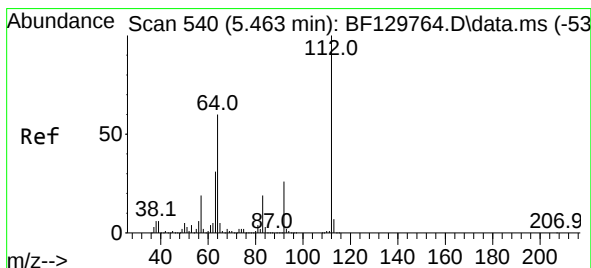
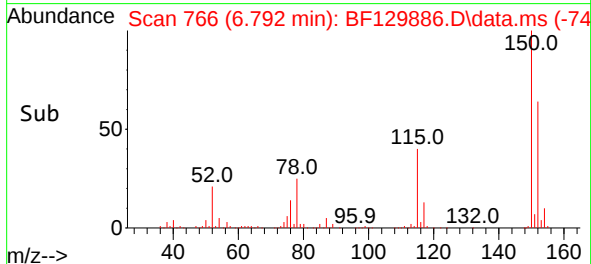
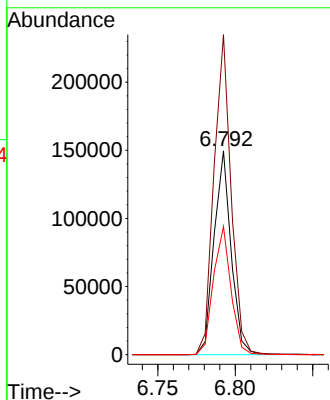
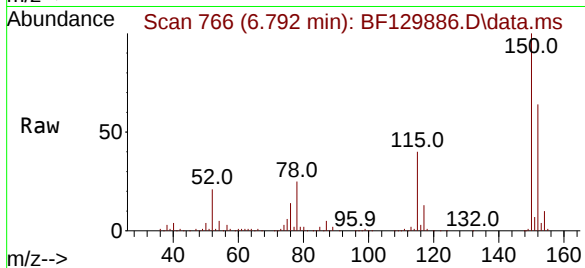




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

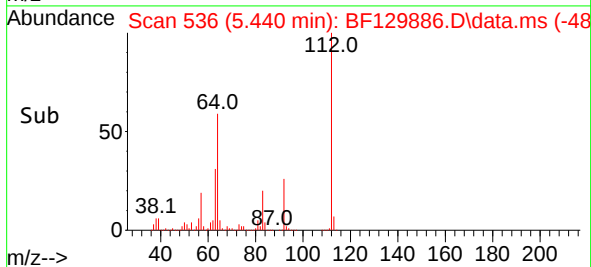
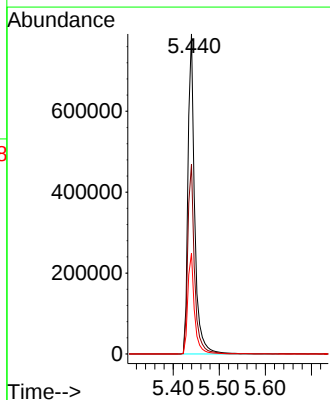
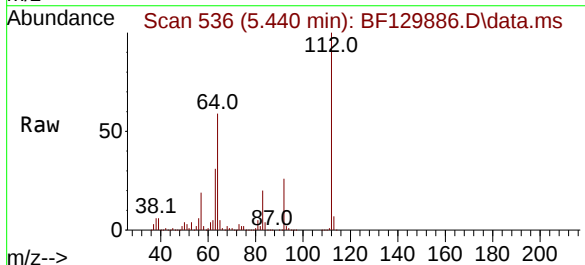
Instrument :
BNA_F
ClientSampleId :
S12

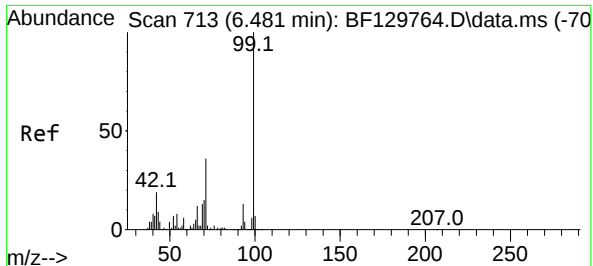
Tgt Ion:152 Resp: 114736
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 62.9 53.4 80.0



#5
2-Fluorophenol
Concen: 114.615 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.012 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion:112 Resp: 794256
Ion Ratio Lower Upper
112 100
64 59.3 47.6 71.4
63 31.4 24.6 37.0

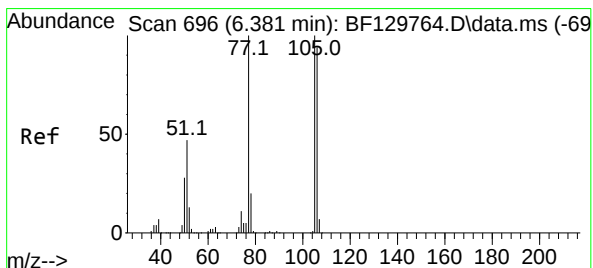
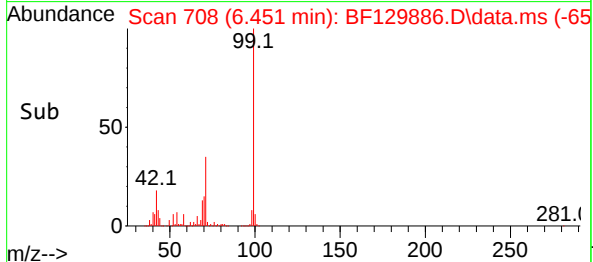
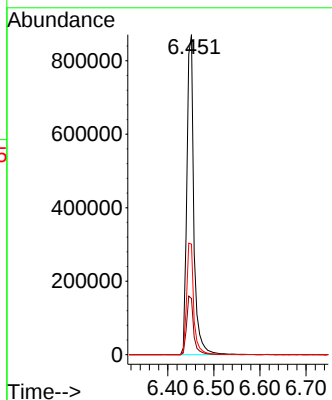
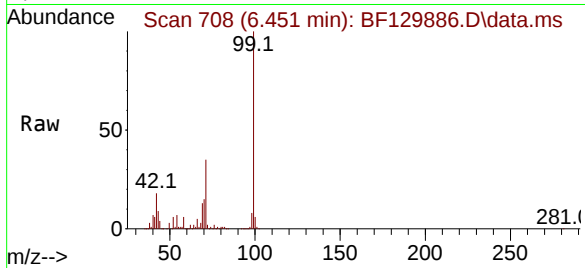




#7
Phenol-d6
Concen: 104.730 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

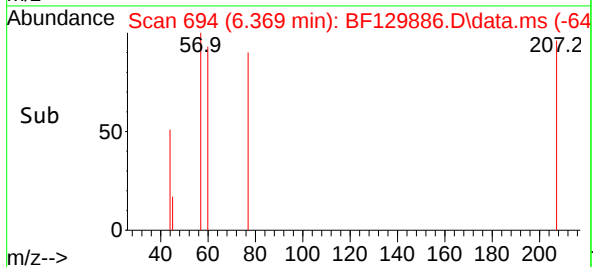
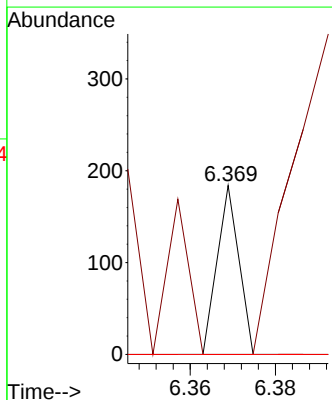
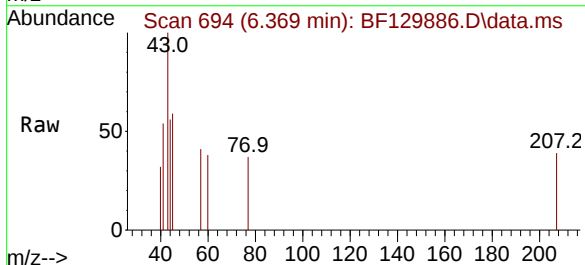
Instrument :
BNA_F
ClientSampleId :
S12

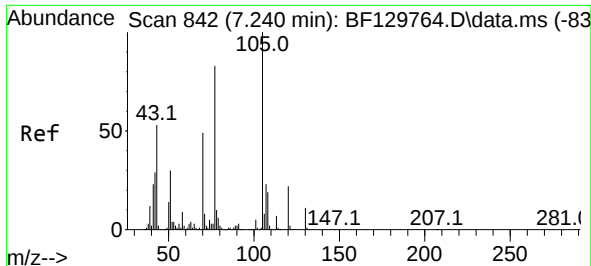
Tgt Ion: 99 Resp: 908845
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 34.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. 0.018 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion: 77 Resp: 65
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

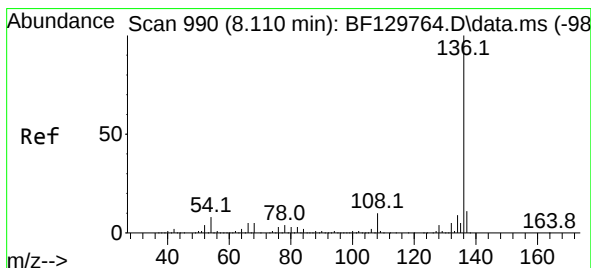
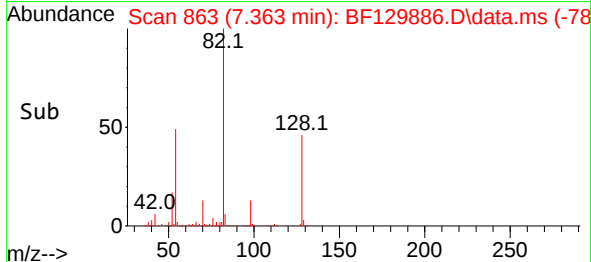
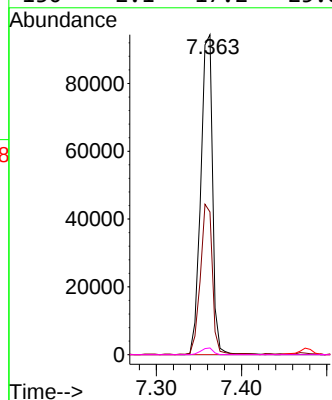
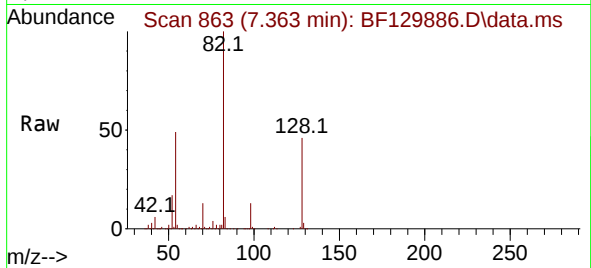




#19
n-Nitroso-di-n-propylamine
Concen: 16.544 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

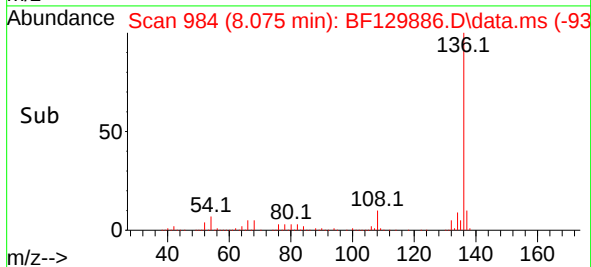
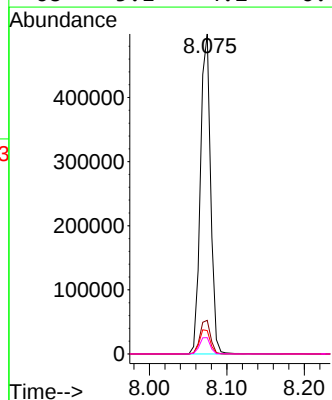
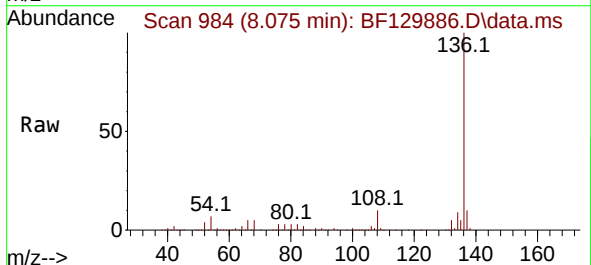
Instrument :
BNA_F
ClientSampleId :
S12

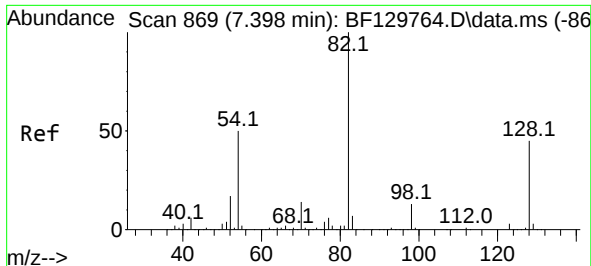
Tgt Ion: 70 Resp: 90750
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion: 136 Resp: 456552
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.3 6.2 9.2
68 5.1 4.2 6.4

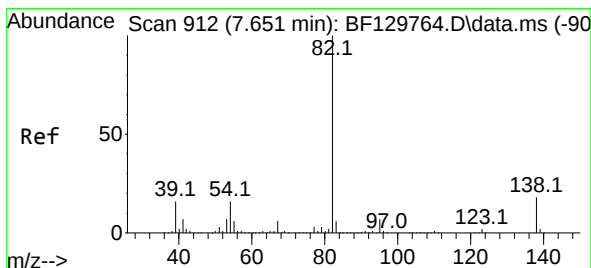
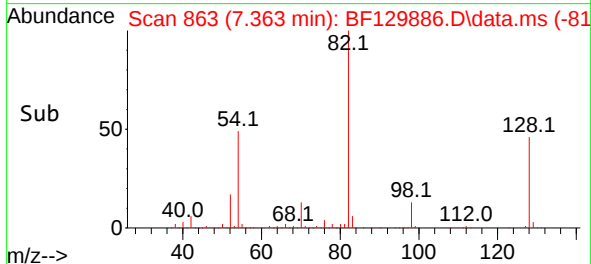
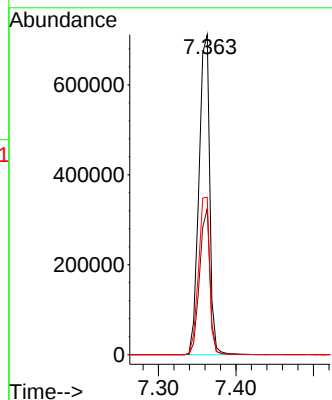
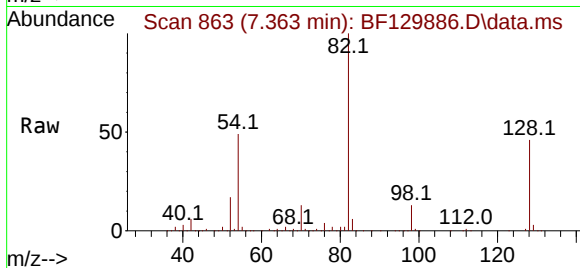




#23
Nitrobenzene-d5
Concen: 80.364 ng
RT: 7.363 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

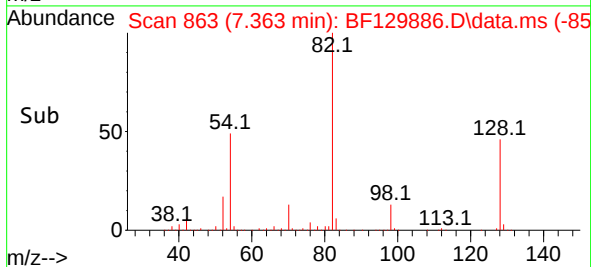
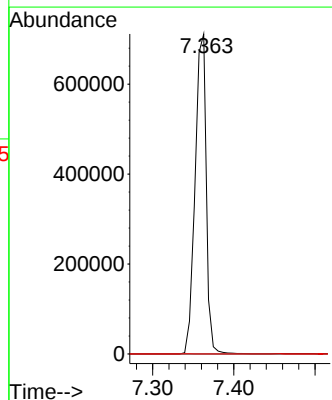
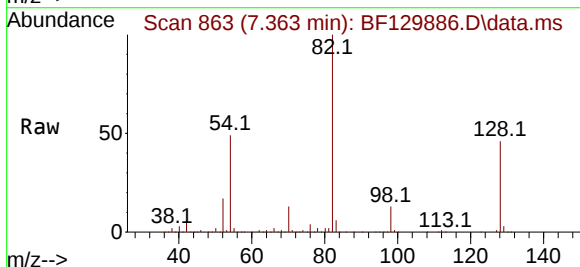
Instrument :
BNA_F
ClientSampleId :
S12

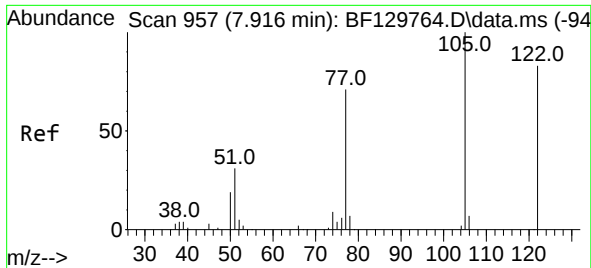
Tgt Ion: 82 Resp: 685397
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 49.2 40.0 60.0



#25
Isophorone
Concen: 46.692 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.259 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion: 82 Resp: 685389
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

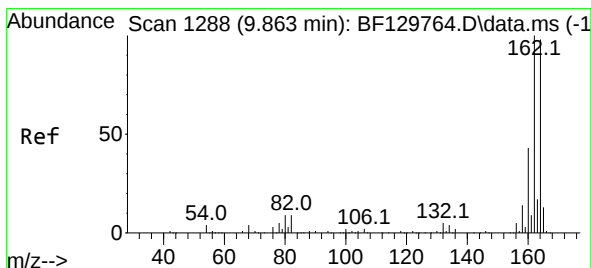
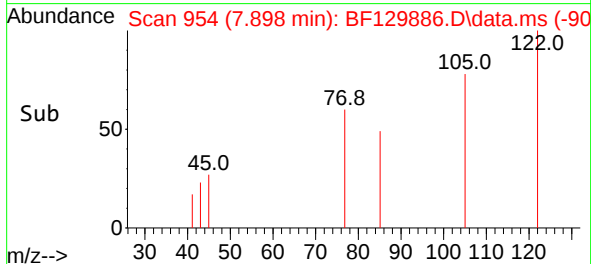
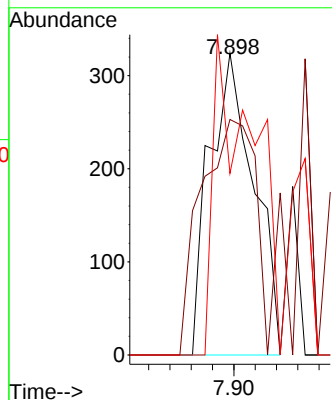
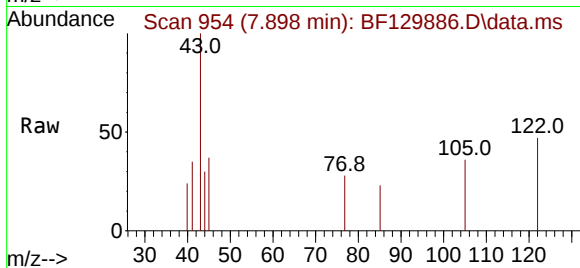




#32
Benzoic acid
Concen: 2.377 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

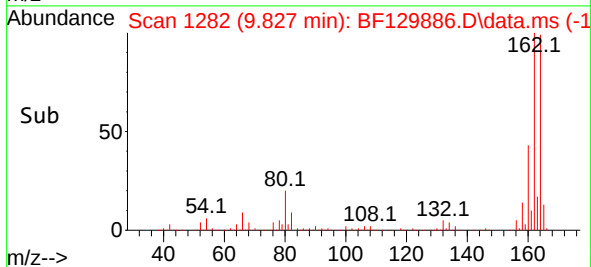
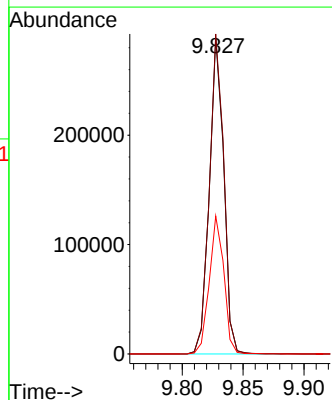
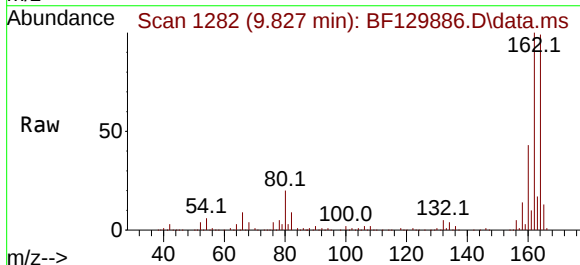
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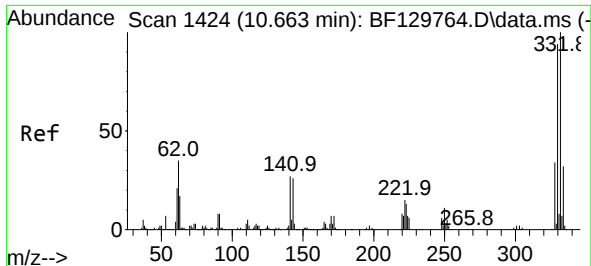
Tgt Ion:122 Resp: 470
Ion Ratio Lower Upper
122 100
105 78.1 99.9 139.9#
77 60.2 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion:164 Resp: 237570
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 118.165 ng

RT: 10.627 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BF129886.D

Acq: 18 Aug 2022 20:47

Instrument :

BNA_F

ClientSampleId :

S12

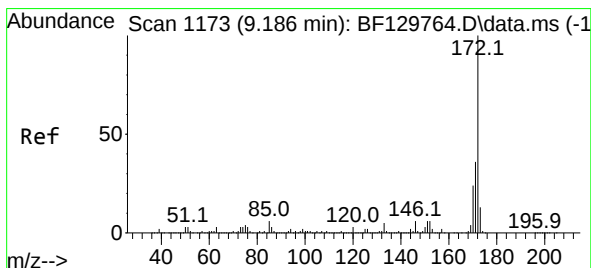
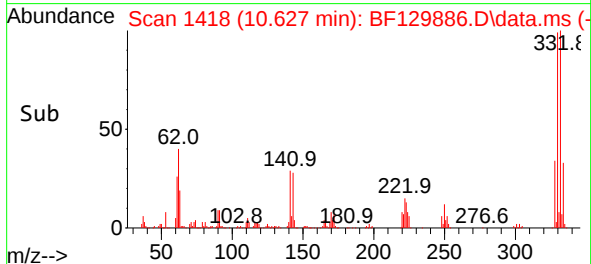
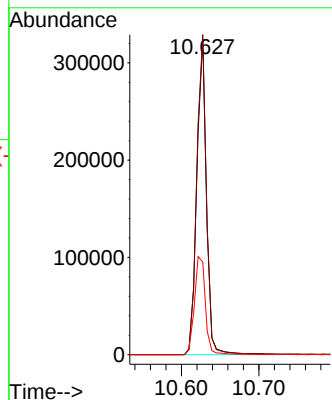
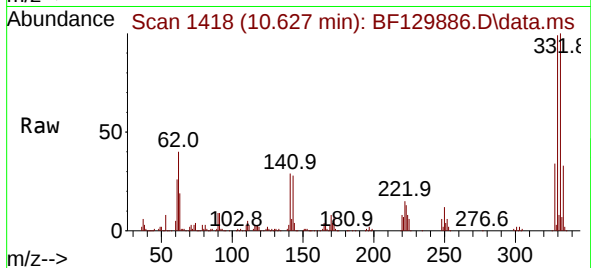
Tgt Ion:330 Resp: 281749

Ion Ratio Lower Upper

330 100

332 102.2 82.6 124.0

141 35.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 81.368 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129886.D

Acq: 18 Aug 2022 20:47

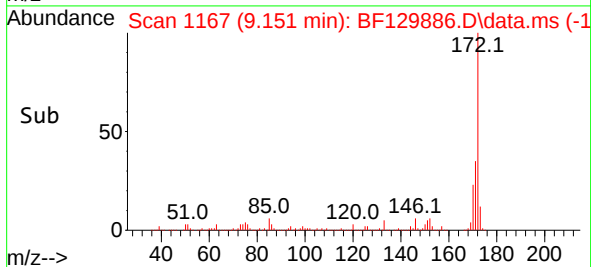
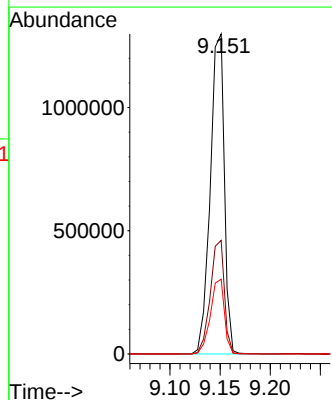
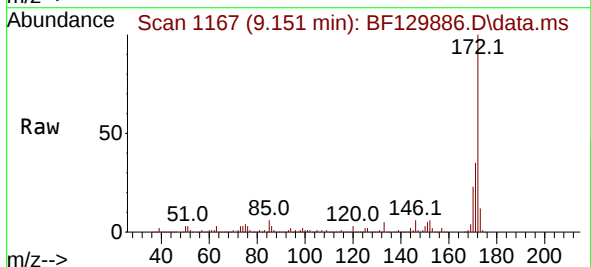
Tgt Ion:172 Resp: 1272755

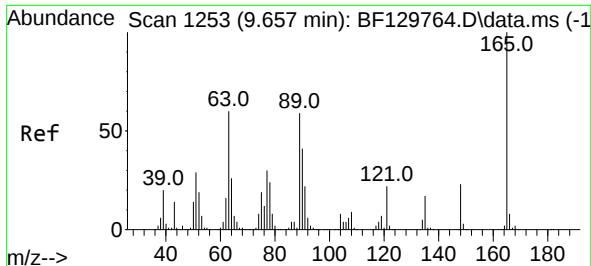
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 19.1 28.7

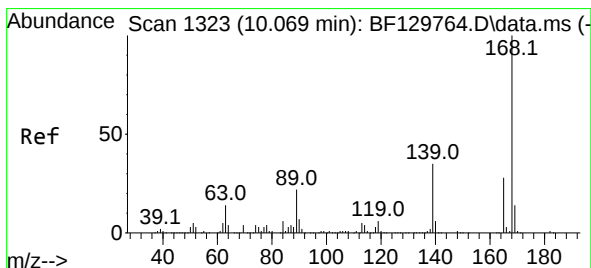
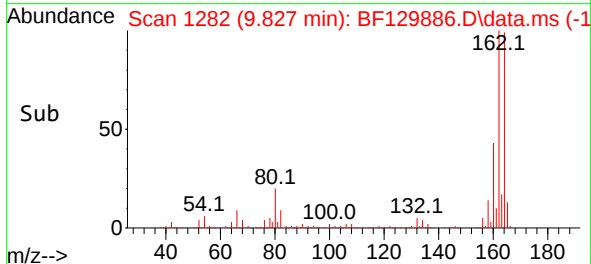
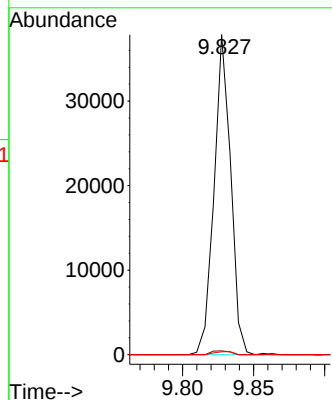
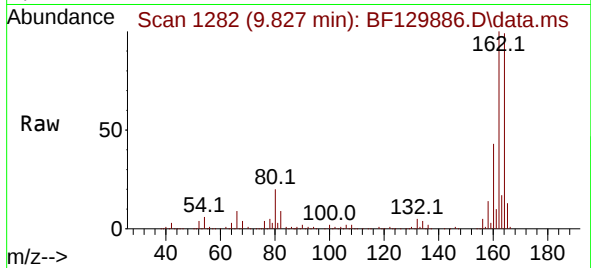




#51
2,6-Dinitrotoluene
Concen: 8.348 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

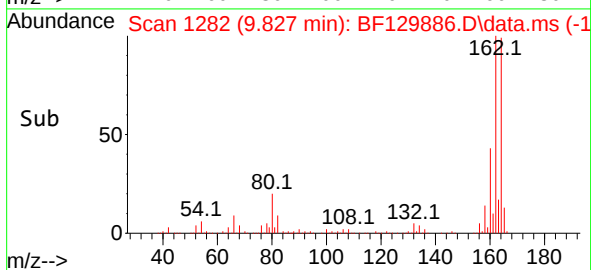
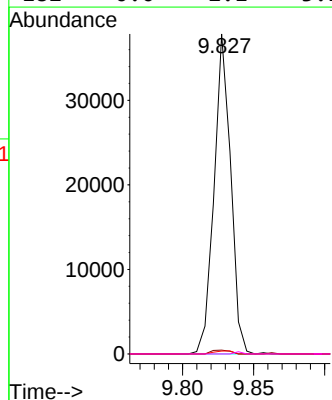
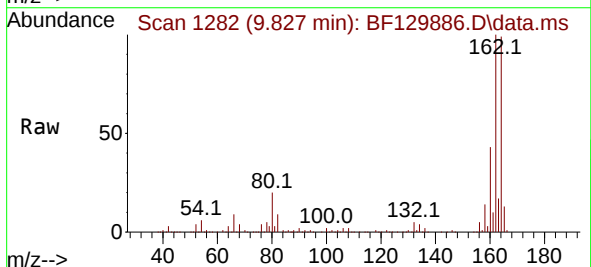
Instrument :
BNA_F
ClientSampleId :
S12

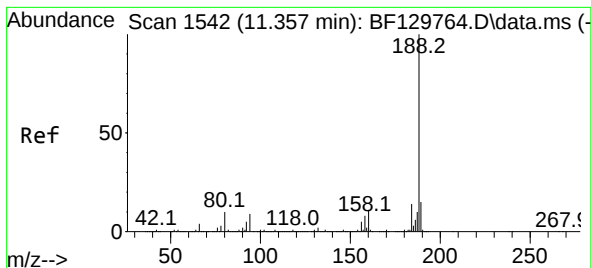
Tgt Ion:165 Resp: 30839
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 0.9 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.431 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.212 min
Lab File: BF129886.D
Acq: 18 Aug 2022 20:47

Tgt Ion:165 Resp: 30839
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 0.9 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129886.D

Acq: 18 Aug 2022 20:47

Instrument :

BNA_F

ClientSampleId :

S12

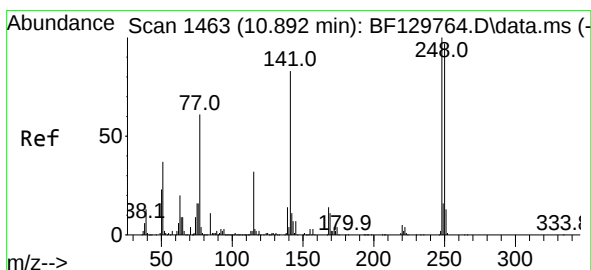
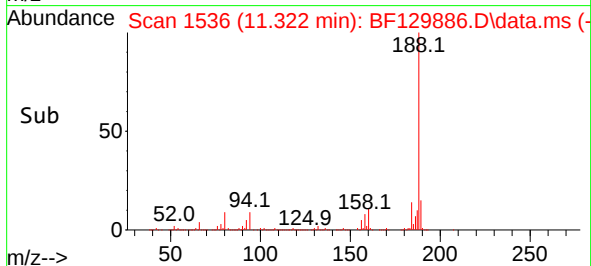
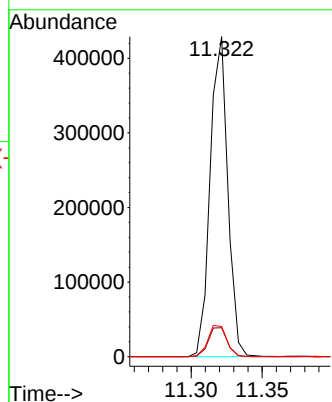
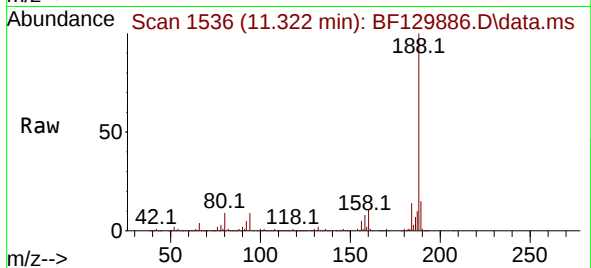
Tgt Ion:188 Resp: 369203

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.5 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.077 ng

RT: 10.627 min Scan# 1418

Delta R.T. -0.235 min

Lab File: BF129886.D

Acq: 18 Aug 2022 20:47

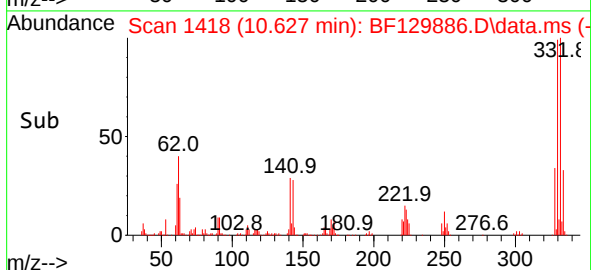
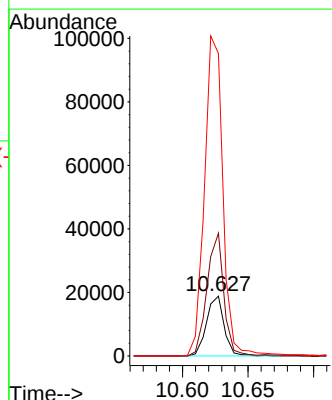
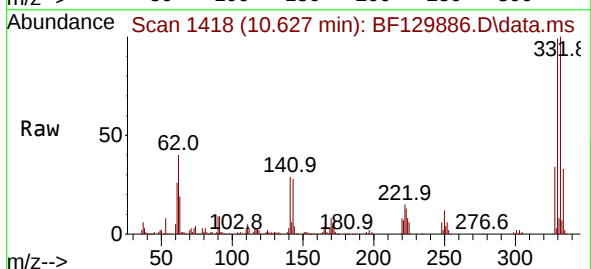
Tgt Ion:248 Resp: 17631

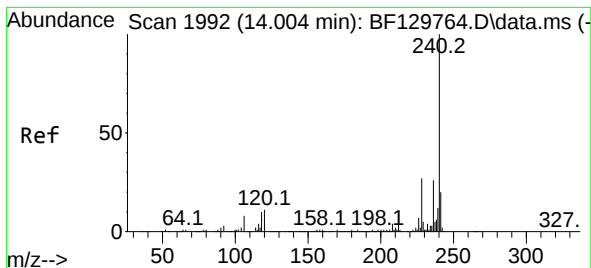
Ion Ratio Lower Upper

248 100

250 205.2 77.8 116.6#

141 505.4 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129886.D

Acq: 18 Aug 2022 20:47

Instrument :

BNA_F

ClientSampleId :

S12

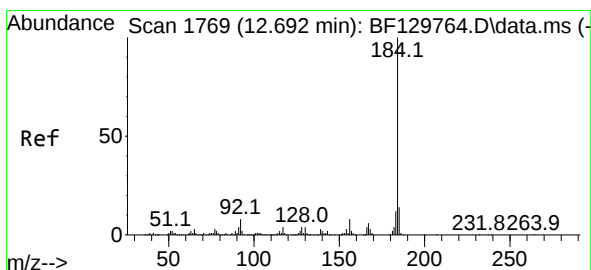
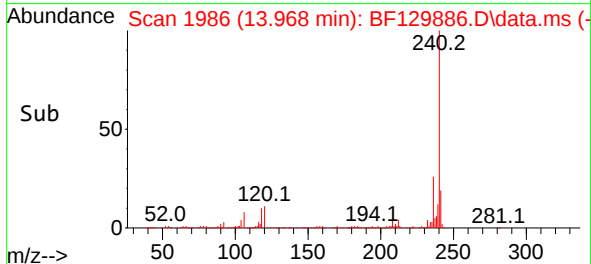
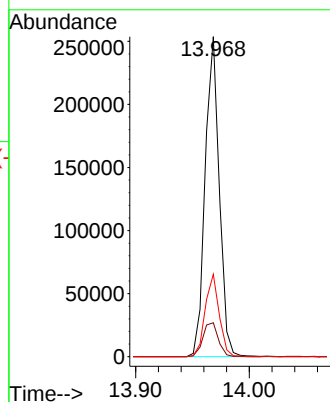
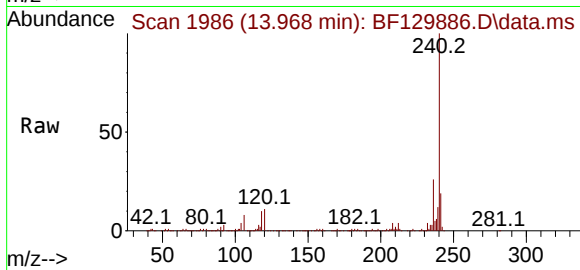
Tgt Ion:240 Resp: 218642

Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

236 25.8 20.7 31.1



#77

Benidine

Concen: 5.181 ng

RT: 12.663 min Scan# 1764

Delta R.T. 0.000 min

Lab File: BF129886.D

Acq: 18 Aug 2022 20:47

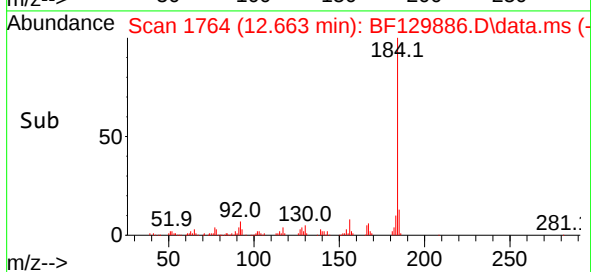
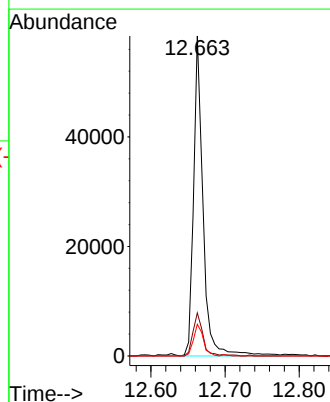
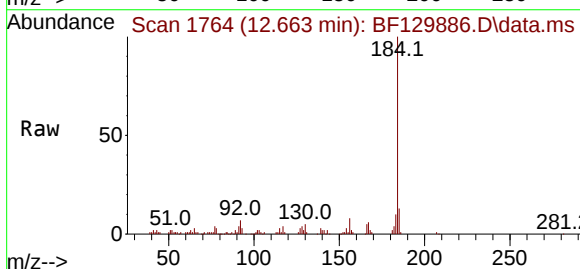
Tgt Ion:184 Resp: 52059

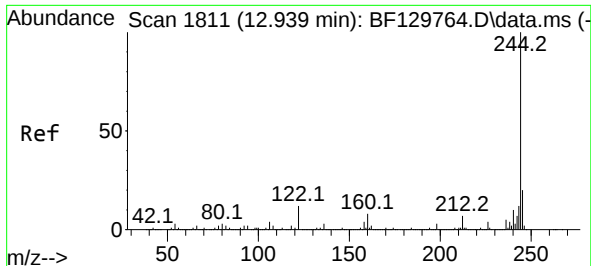
Ion Ratio Lower Upper

184 100

185 13.4 11.4 17.2

183 9.9 9.4 14.2

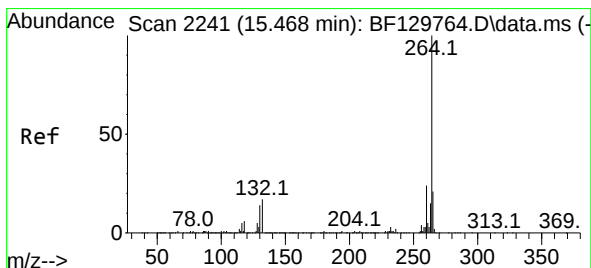
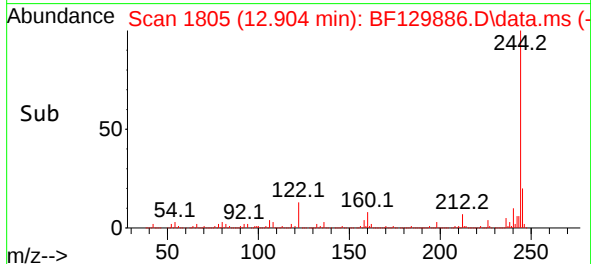
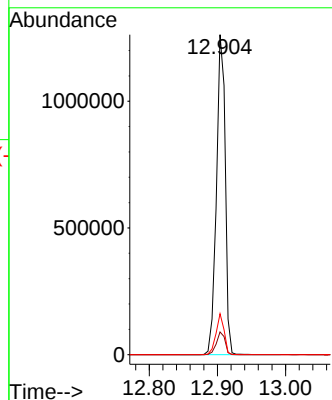
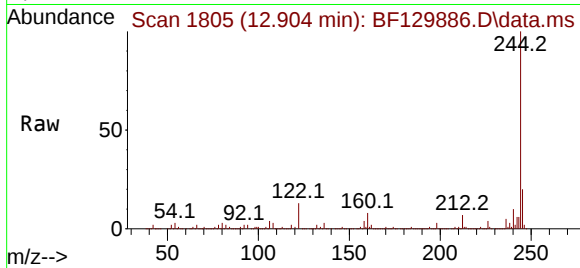




#79
 Terphenyl-d14
 Concen: 86.382 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129886.D
 Acq: 18 Aug 2022 20:47

Instrument :
 BNA_F
 ClientSampleId :
 S12

Tgt Ion:244 Resp: 1135058
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.8 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: BF129886.D
 Acq: 18 Aug 2022 20:47

Tgt Ion:264 Resp: 255395
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.0 16.7 25.1

