

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129977.D
 Acq On : 24 Aug 2022 17:57
 Operator : CG\JU
 Sample : N4244-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 25 04:12:49 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 25 04:08:38 2022
 Response via : Initial Calibration

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

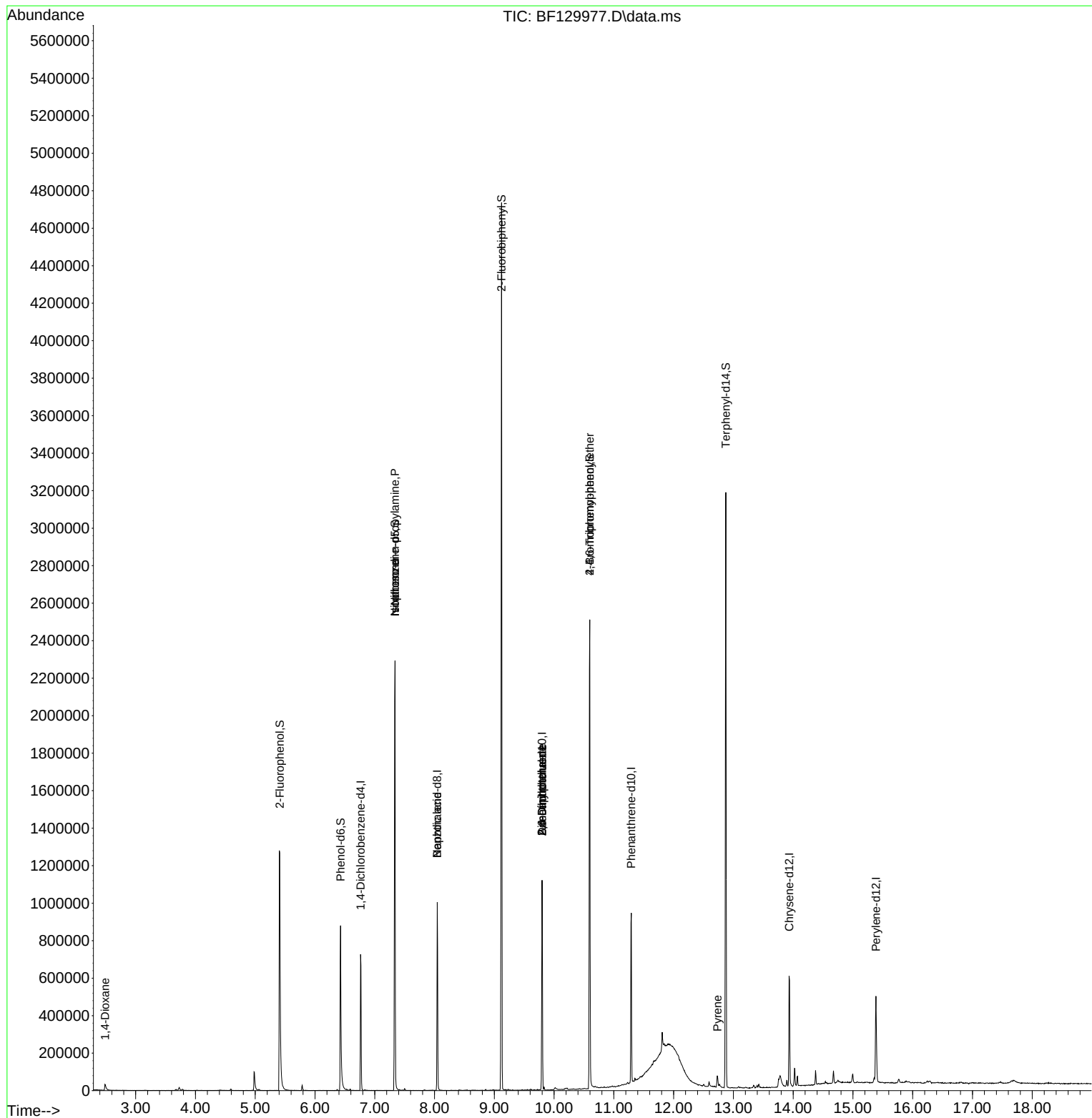
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	105870	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	418042	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	210222	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	321891	20.000	ng	0.00
76) Chrysene-d12	13.933	240	197687	20.000	ng	0.00
86) Perylene-d12	15.386	264	197081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	425965	66.617	ng	0.00
7) Phenol-d6	6.428	99	325252	40.619	ng	0.00
23) Nitrobenzene-d5	7.339	82	747495	95.720	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	287117	136.081	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1307996	94.500	ng	0.00
79) Terphenyl-d14	12.874	244	965755	81.288	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	17102	6.483	ng	93
9) Benzaldehyde	6.392	77	357	Below Cal	#	35
19) n-Nitroso-di-n-propyla...	7.339	70	102166	20.185	ng	# 76
25) Isophorone	7.339	82	747487	55.613	ng	# 65
32) Benzoic acid	8.045	122	158	2.232	ng	# 1
50) Dimethylphthalate	9.798	163	36079	2.394	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	27589	8.439	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	27589	6.501	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	18750	4.973	ng	# 1
77) Benzidine	12.874	184	13934	Below Cal	#	91
78) Pyrene	12.733	202	34833	2.028	ng	99

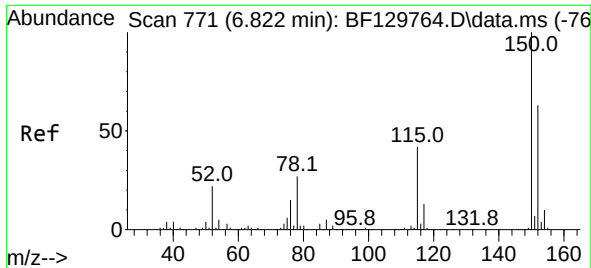
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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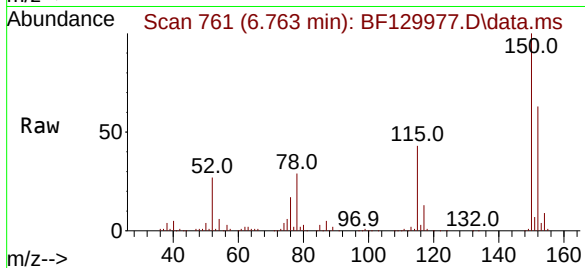
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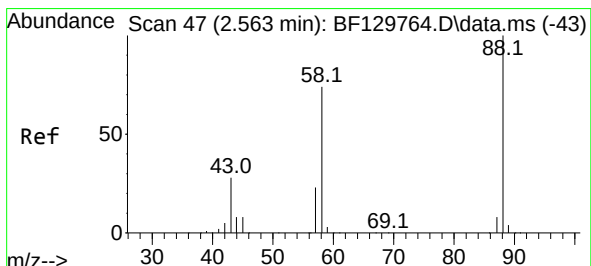
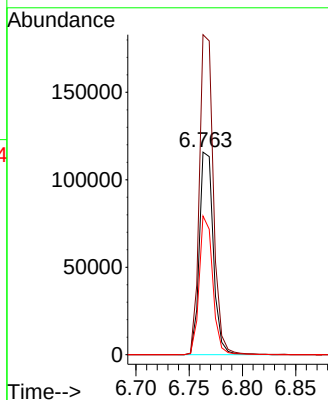
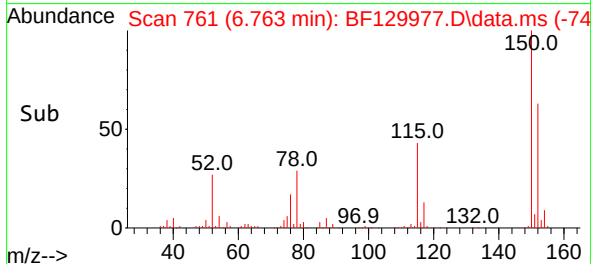


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BF129977.D
 Acq: 24 Aug 2022 17:57

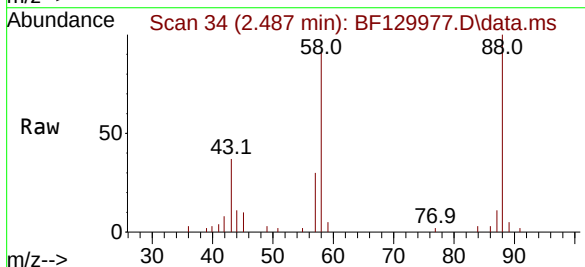
Instrument :
 BNA_F
 ClientSampleId :



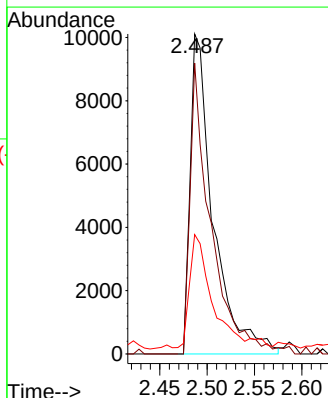
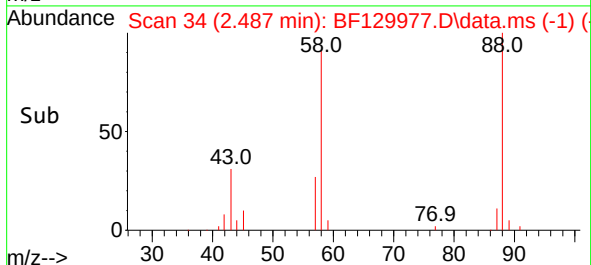
Tgt Ion:152 Resp: 105870
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.9 190.3
 115 68.5 53.4 80.0

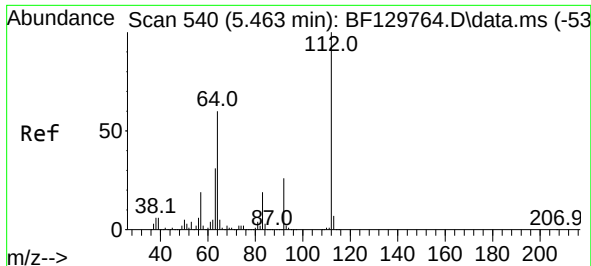


#2
 1,4-Dioxane
 Concen: 6.483 ng
 RT: 2.487 min Scan# 34
 Delta R.T. 0.041 min
 Lab File: BF129977.D
 Acq: 24 Aug 2022 17:57



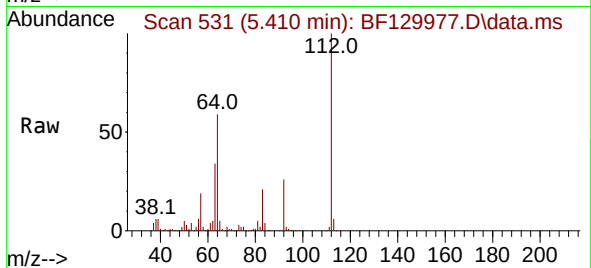
Tgt Ion: 88 Resp: 17102
 Ion Ratio Lower Upper
 88 100
 58 82.5 60.9 91.3
 43 33.5 23.6 35.4



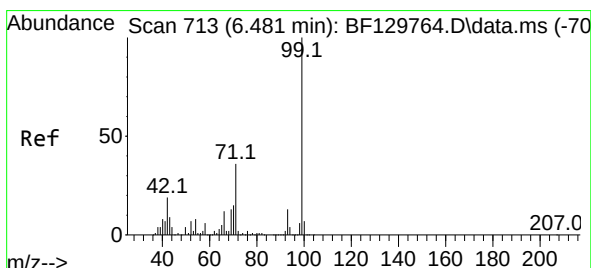
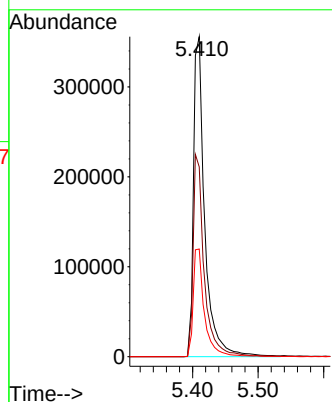
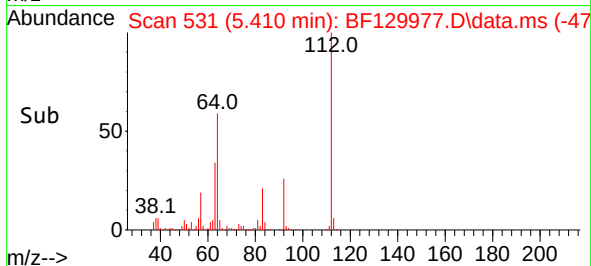


#5
2-Fluorophenol
Concen: 66.617 ng
RT: 5.410 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

Instrument :
BNA_F
ClientSampleId :

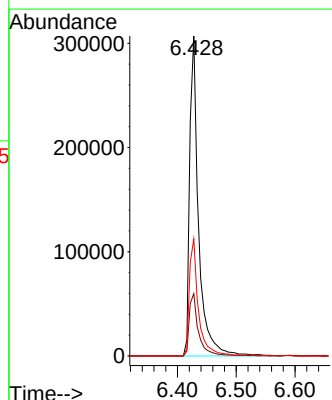
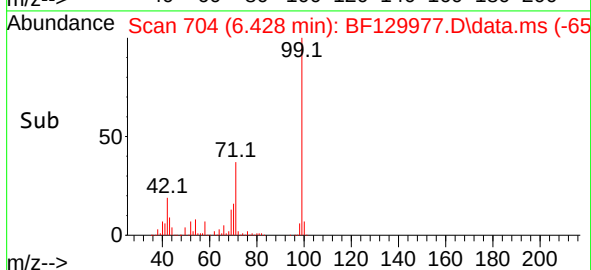
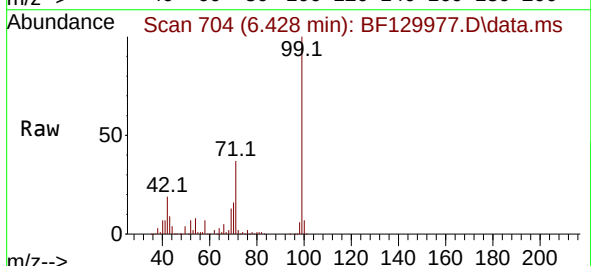


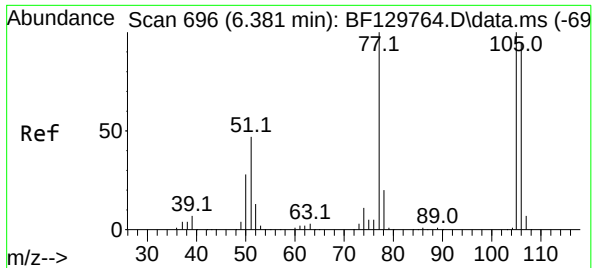
Tgt Ion:112 Resp: 425965
Ion Ratio Lower Upper
112 100
64 59.3 47.6 71.4
63 33.7 24.6 37.0



#7
Phenol-d6
Concen: 40.619 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

Tgt Ion: 99 Resp: 325252
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.4
71 36.5 28.8 43.2

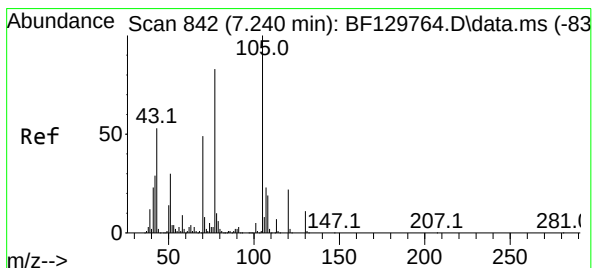
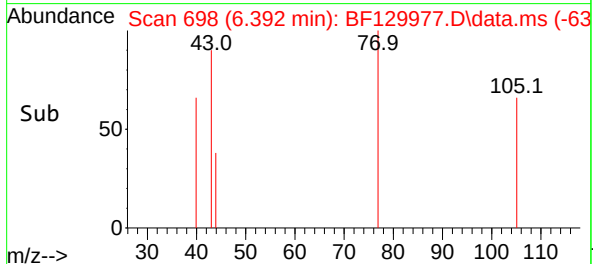
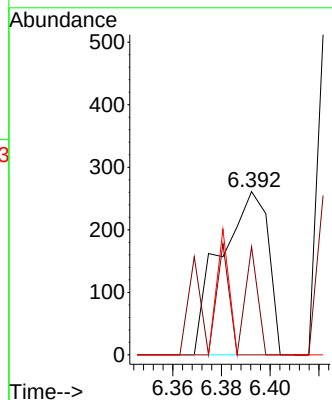
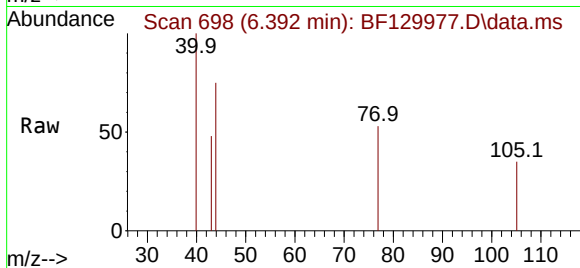




#9
Benzaldehyde
Concen: Below Cal
RT: 6.392 min Scan# 69
Delta R.T. 0.065 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

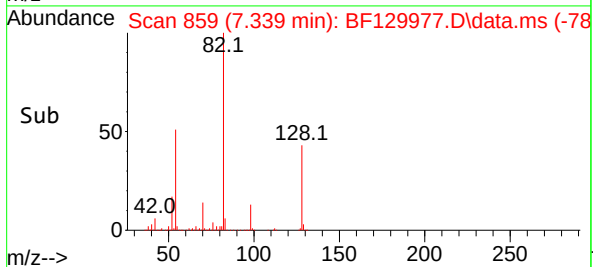
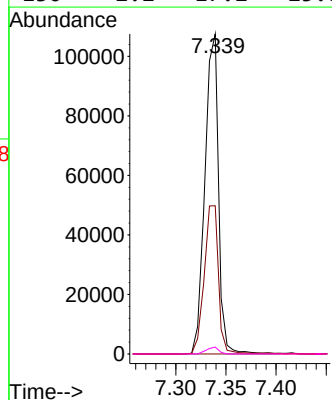
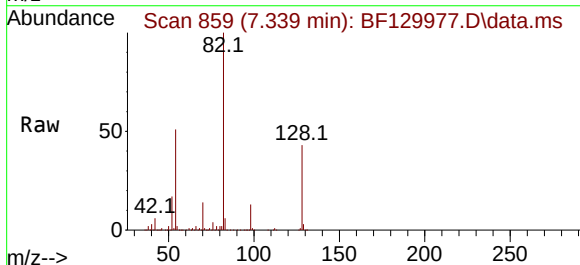
Instrument :
BNA_F
ClientSampleId :

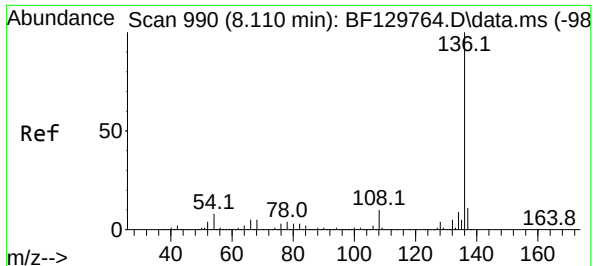
Tgt Ion: 77 Resp: 357
Ion Ratio Lower Upper
77 100
105 66.3 80.3 120.3#
106 0.0 74.3 114.3#



#19
n-Nitroso-di-n-propylamine
Concen: 20.185 ng
RT: 7.339 min Scan# 859
Delta R.T. 0.153 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

Tgt Ion: 70 Resp: 102166
Ion Ratio Lower Upper
70 100
42 46.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 91

Delta R.T. -0.006 min

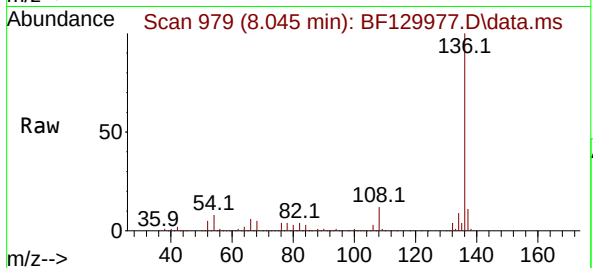
Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 418042

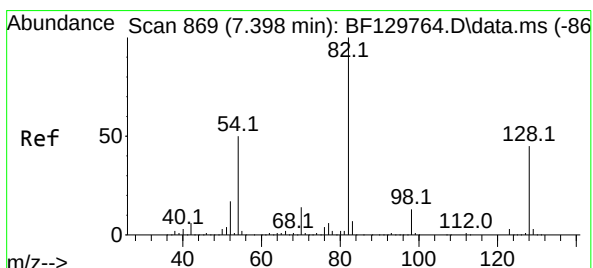
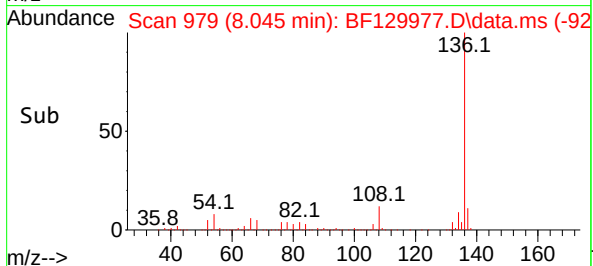
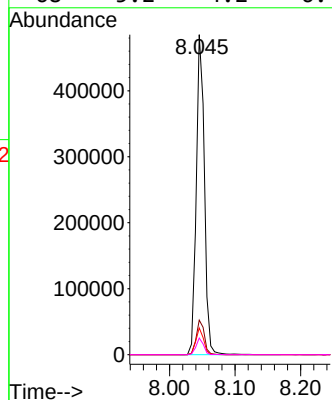
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.4 6.2 9.2

68 5.2 4.2 6.4



#23

Nitrobenzene-d5

Concen: 95.720 ng

RT: 7.339 min Scan# 859

Delta R.T. -0.000 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

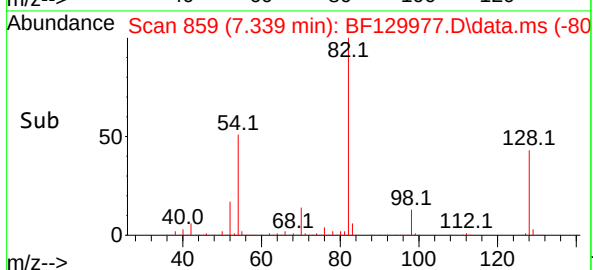
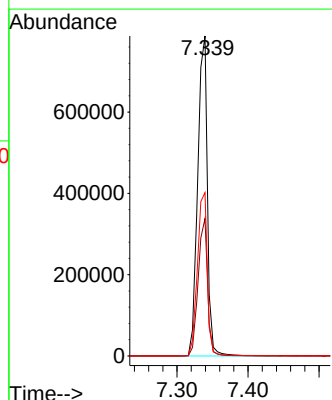
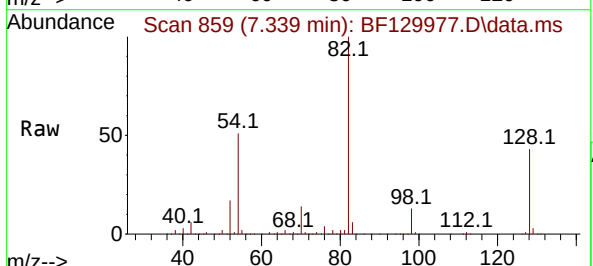
Tgt Ion: 82 Resp: 747495

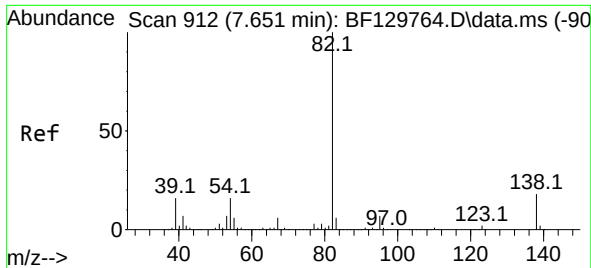
Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

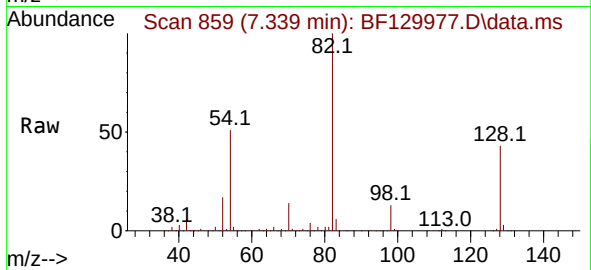
54 51.1 40.0 60.0



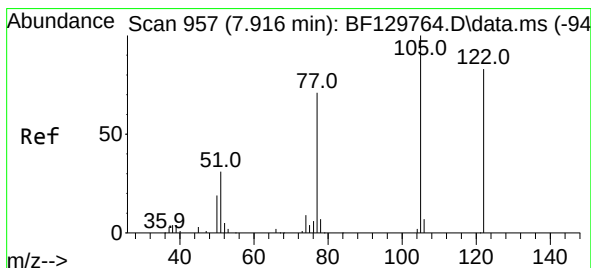
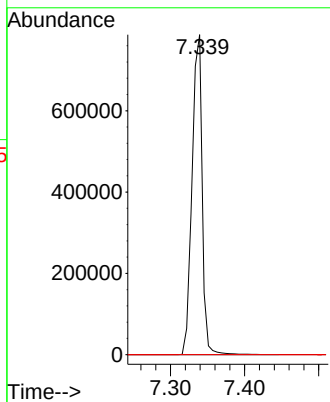
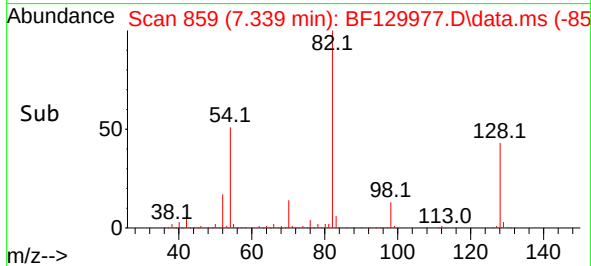


#25
Isophorone
Concen: 55.613 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

Instrument :
BNA_F
ClientSampleId :

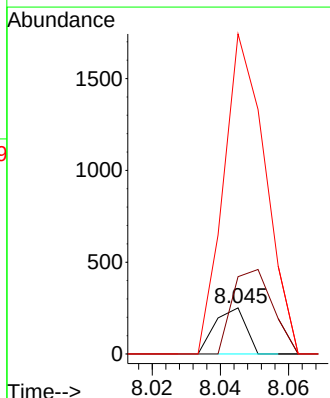
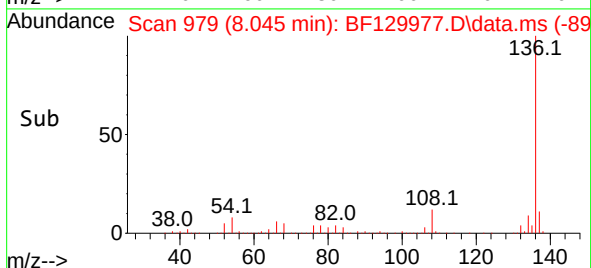
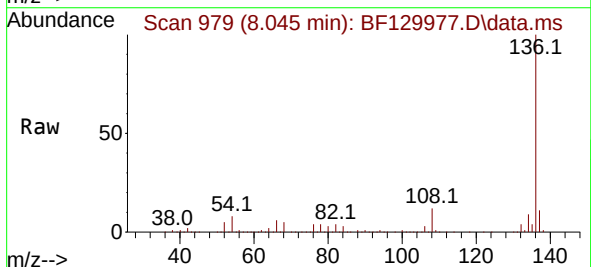


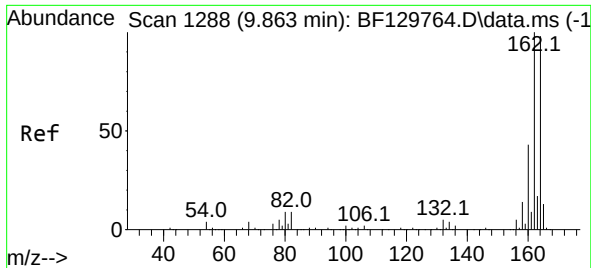
Tgt Ion: 82 Resp: 747487
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 2.232 ng
RT: 8.045 min Scan# 979
Delta R.T. 0.170 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

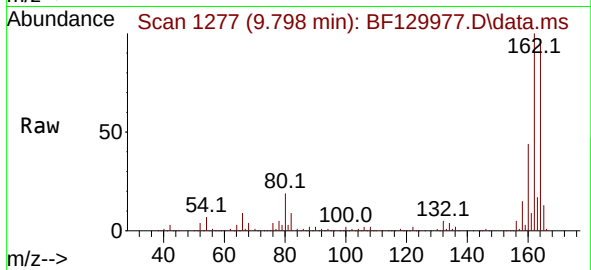
Tgt Ion:122 Resp: 158
Ion Ratio Lower Upper
122 100
105 167.7 99.9 139.9#
77 694.4 65.9 105.9#



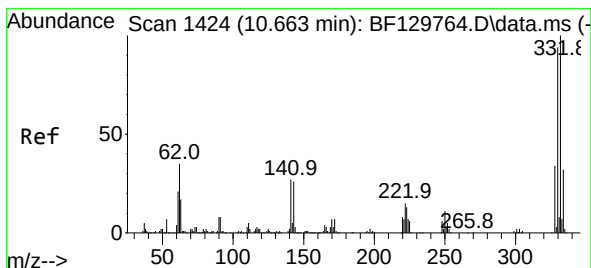
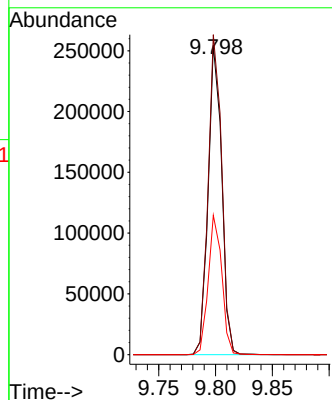
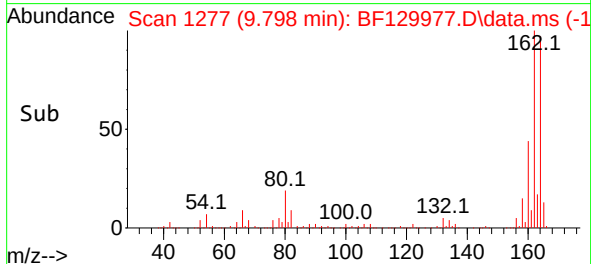


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

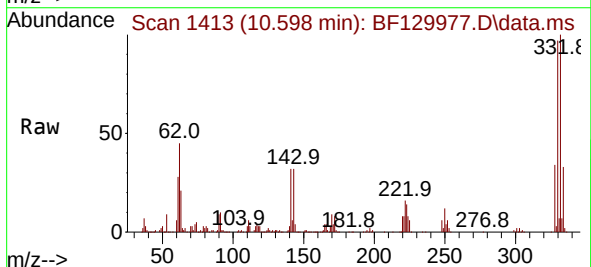
Instrument :
BNA_F
ClientSampleId :



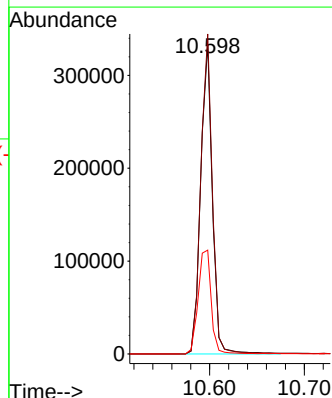
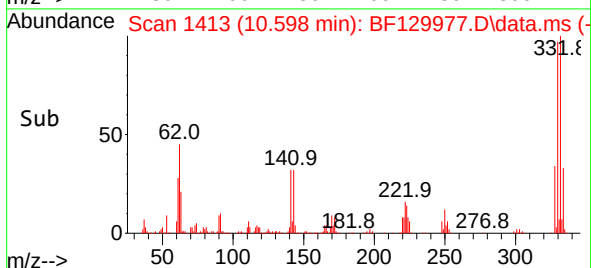
Tgt Ion:164 Resp: 210222
Ion Ratio Lower Upper
164 100
162 103.5 82.0 123.0
160 45.0 35.4 53.0

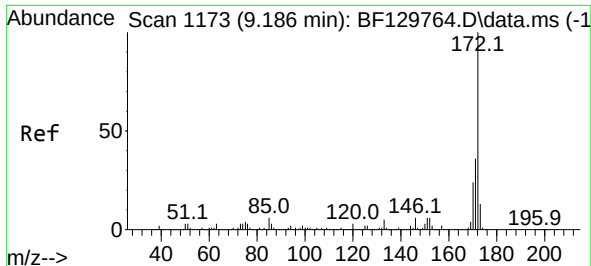


#42
2,4,6-Tribromophenol
Concen: 136.081 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57



Tgt Ion:330 Resp: 287117
Ion Ratio Lower Upper
330 100
332 103.0 82.6 124.0
141 37.6 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 94.500 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

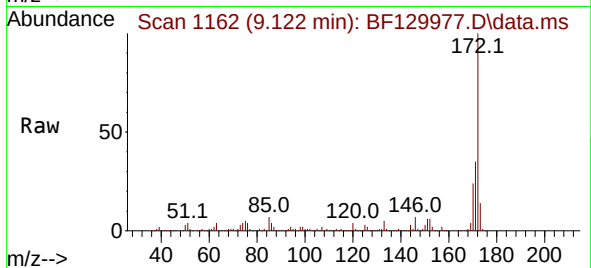
Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

Instrument :

BNA_F

ClientSampleId :



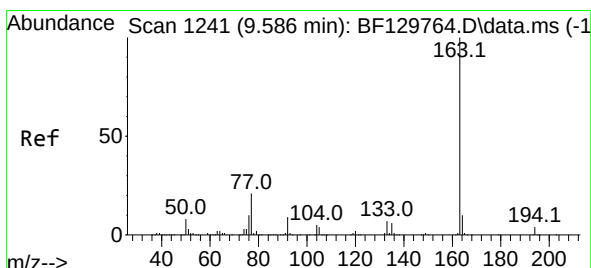
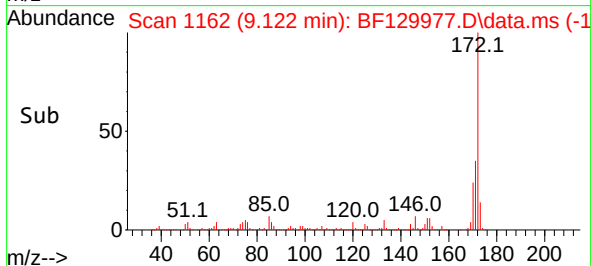
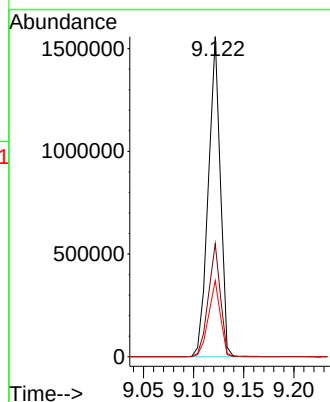
Tgt Ion:172 Resp: 1307996

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 19.1 28.7



#50

Dimethylphthalate

Concen: 2.394 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.265 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

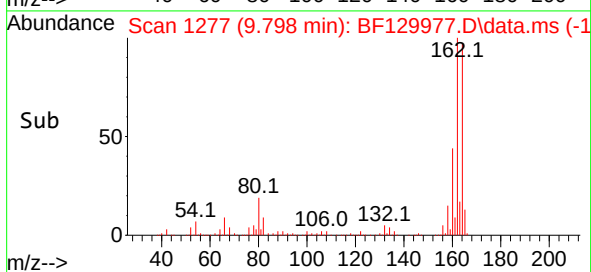
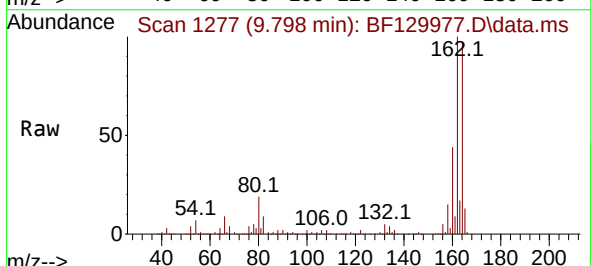
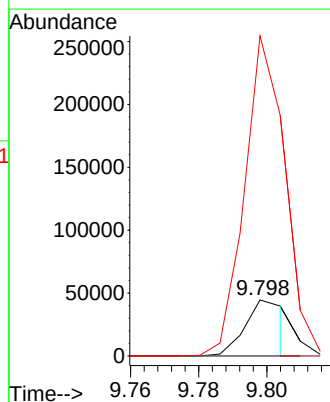
Tgt Ion:163 Resp: 36079

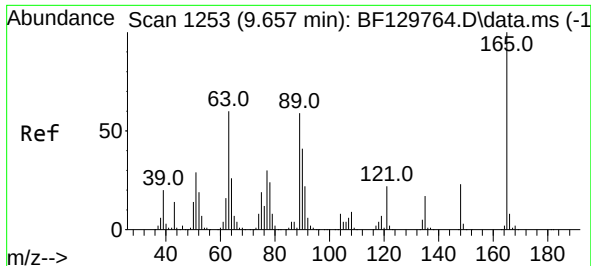
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 571.5 8.2 12.2#

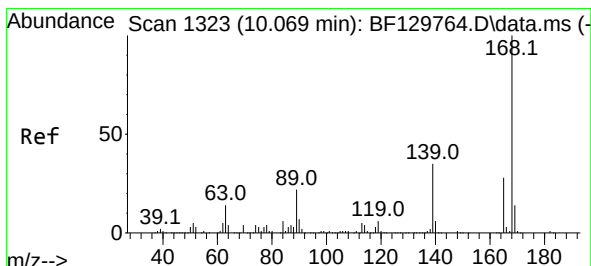
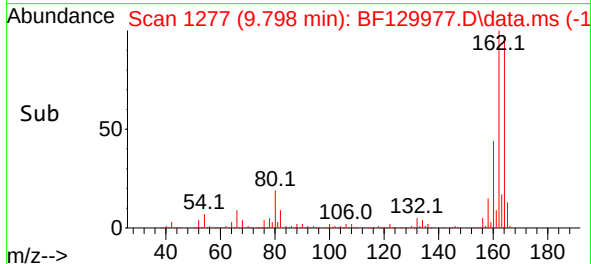
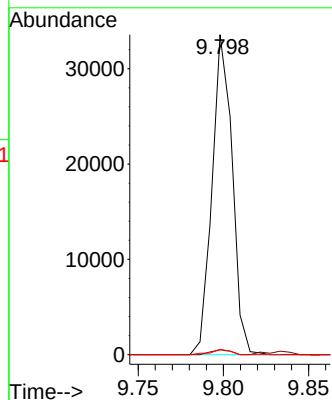
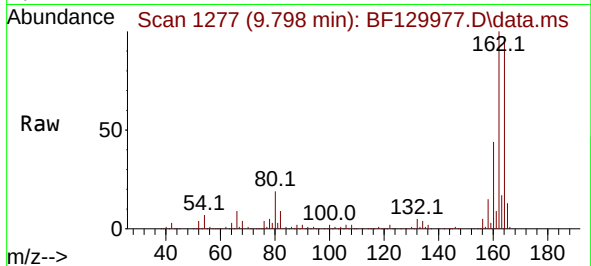




#51
2,6-Dinitrotoluene
Concen: 8.439 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

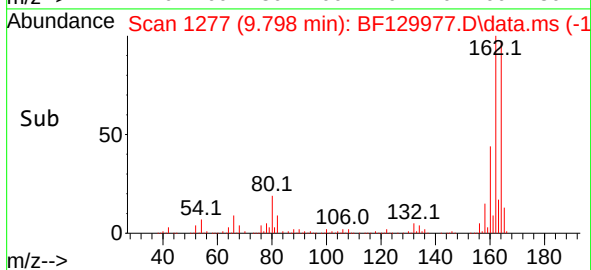
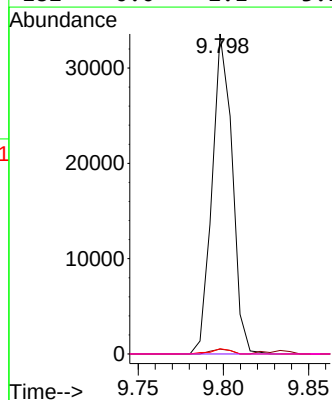
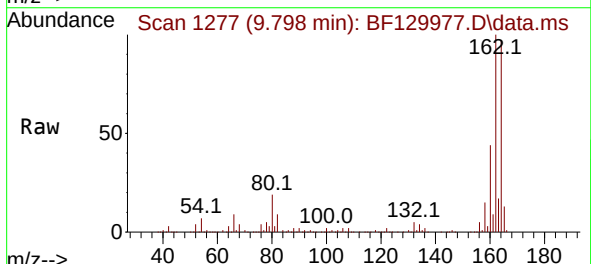
Instrument :
BNA_F
ClientSampleId :

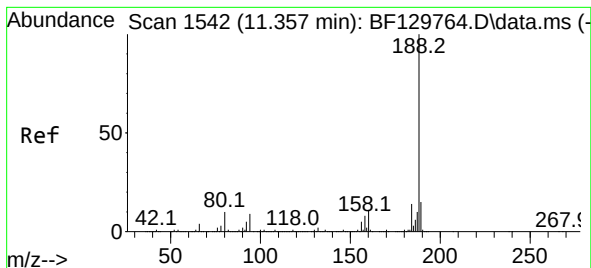
Tgt Ion:165 Resp: 27589
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.8#
89 1.7 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.501 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.218 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

Tgt Ion:165 Resp: 27589
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.7 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. -0.000 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

Instrument :

BNA_F

ClientSampleId :

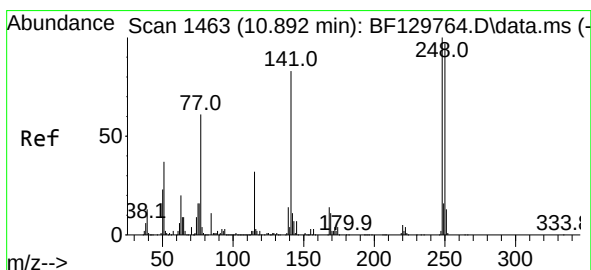
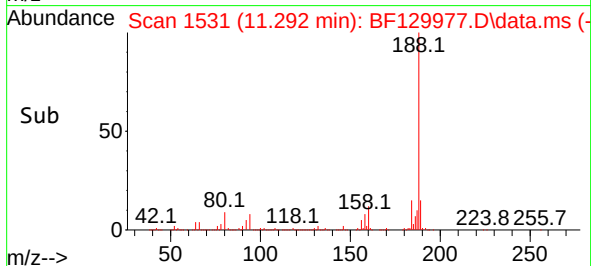
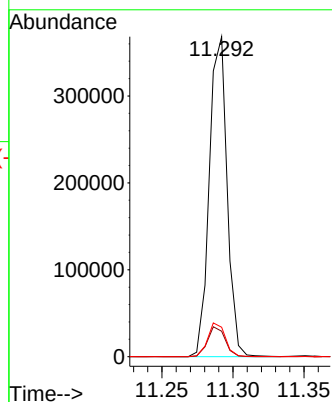
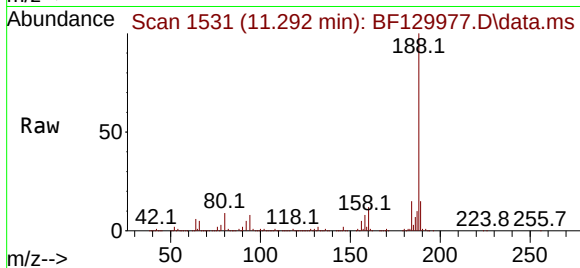
Tgt Ion:188 Resp: 321891

Ion Ratio Lower Upper

188 100

94 8.0 7.4 11.2

80 9.2 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.973 ng

RT: 10.598 min Scan# 1413

Delta R.T. -0.235 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

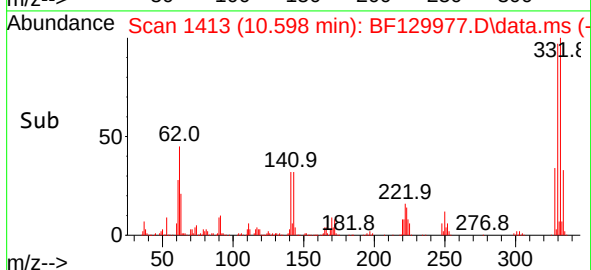
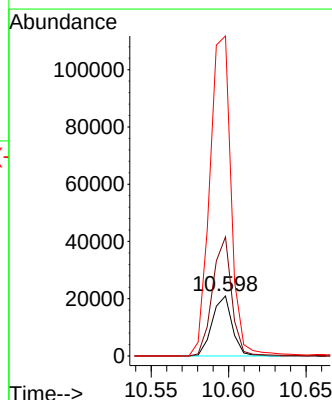
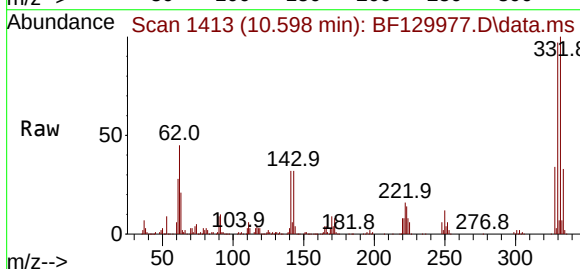
Tgt Ion:248 Resp: 18750

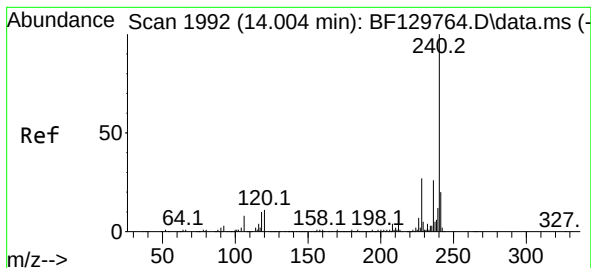
Ion Ratio Lower Upper

248 100

250 198.3 77.8 116.6#

141 533.1 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

Instrument :

BNA_F

ClientSampleId :

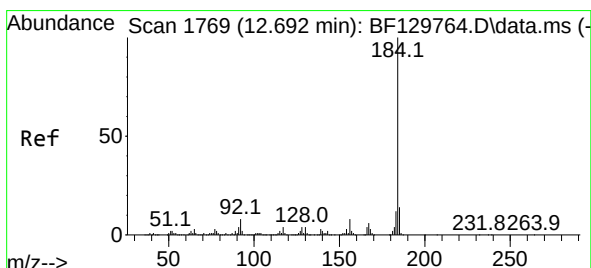
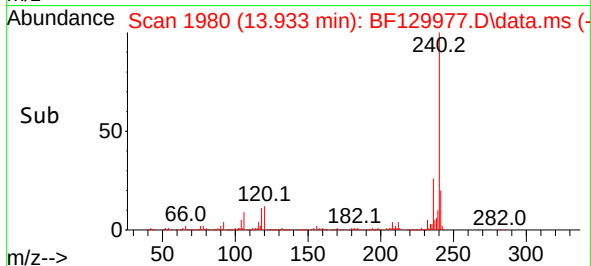
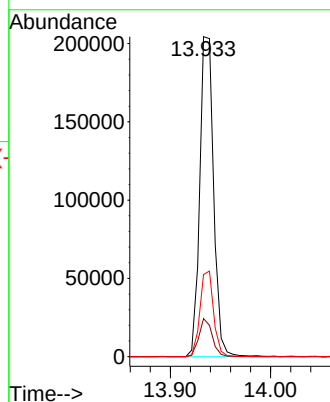
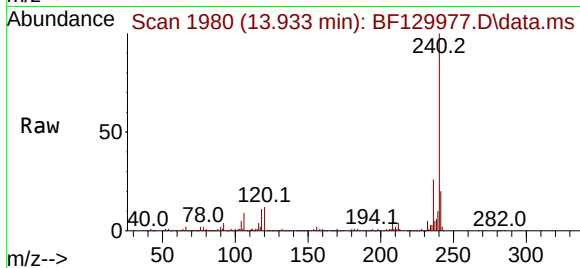
Tgt Ion:240 Resp: 197687

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.7 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.874 min Scan# 1800

Delta R.T. 0.241 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

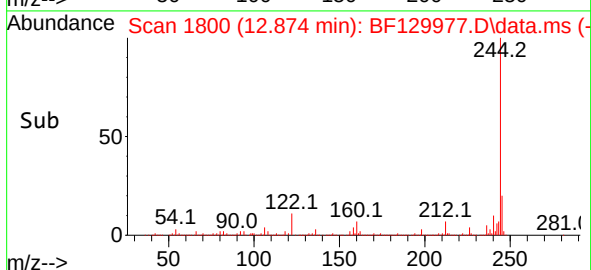
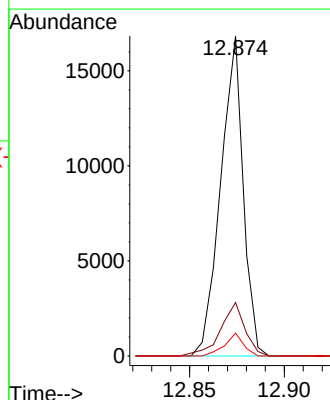
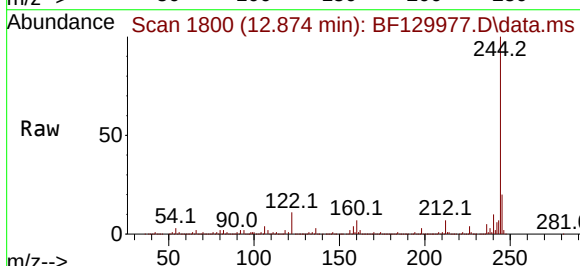
Tgt Ion:184 Resp: 13934

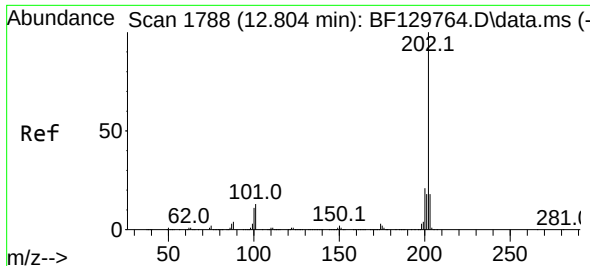
Ion Ratio Lower Upper

184 100

185 16.7 11.4 17.2

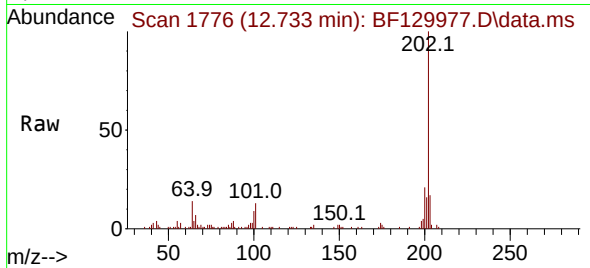
183 7.1 9.4 14.2#



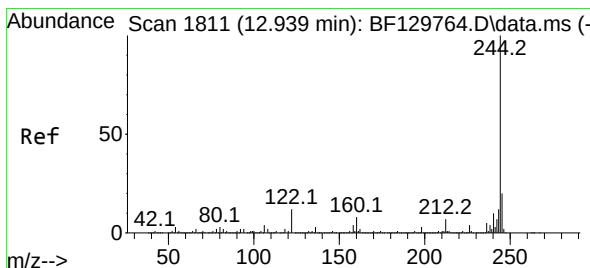
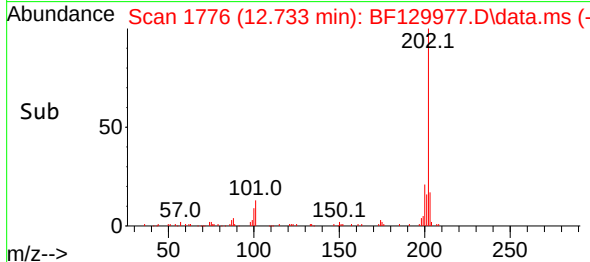
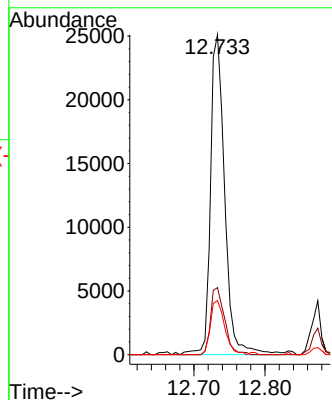


#78
Pyrene
Concen: 2.028 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

Instrument :
BNA_F
ClientSampleId :

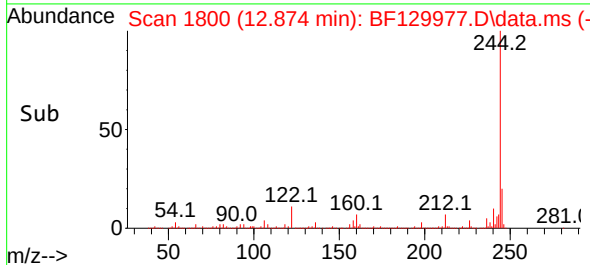
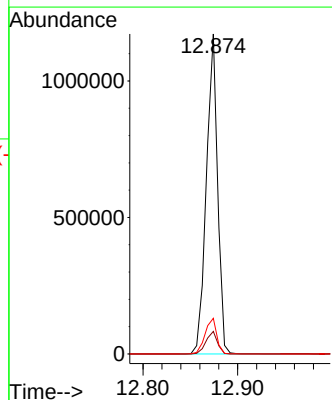
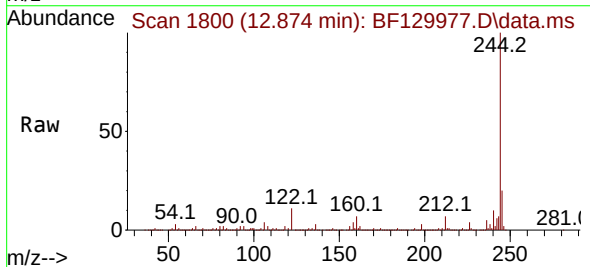


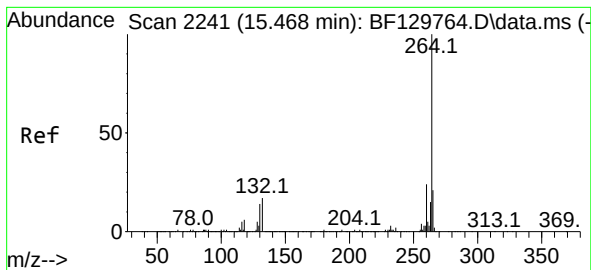
Tgt Ion:202 Resp: 34833
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 16.9 14.1 21.1



#79
Terphenyl-d14
Concen: 81.288 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF129977.D
Acq: 24 Aug 2022 17:57

Tgt Ion:244 Resp: 965755
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.1 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.000 min

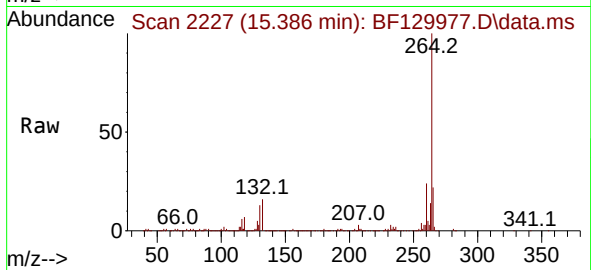
Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 197081

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 16.7 25.1

