

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129975.D
 Acq On : 24 Aug 2022 16:43
 Operator : CG\JU
 Sample : PB147203BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147203BL

Quant Time: Aug 25 04:11:50 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)

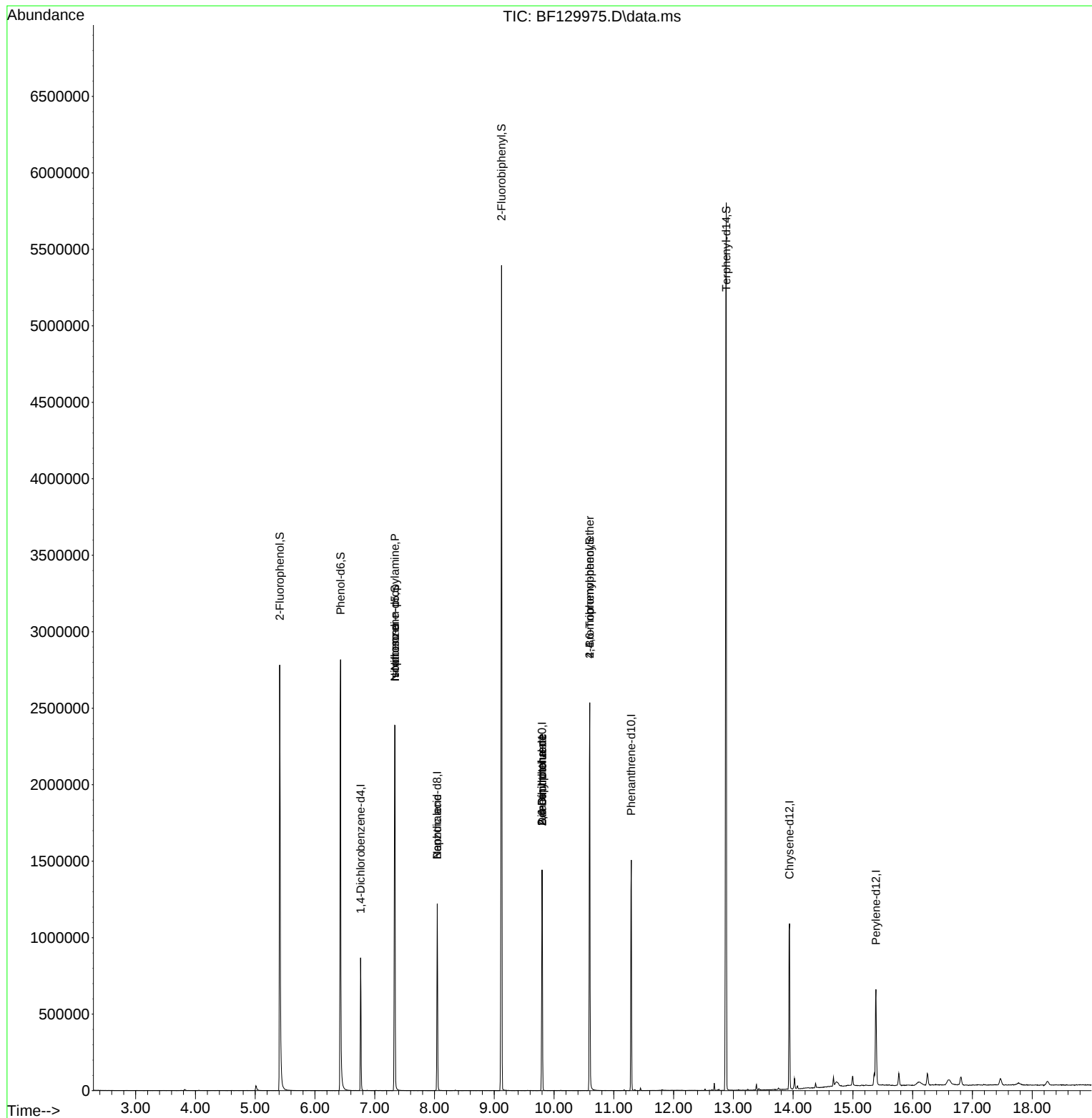
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	120051	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	518669	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	282576	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	521261	20.000	ng	0.00
76) Chrysene-d12	13.939	240	370072	20.000	ng	0.00
86) Perylene-d12	15.386	264	271864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	751264	103.612	ng	0.00
7) Phenol-d6	6.428	99	918530	101.160	ng	0.00
23) Nitrobenzene-d5	7.340	82	901119	93.005	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	275839	97.261	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1679310	90.260	ng	0.00
79) Terphenyl-d14	12.880	244	2035276	91.511	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	1767	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.340	70	122947	21.422	ng	# 75
25) Isophorone	7.340	82	901107	54.035	ng	# 65
32) Benzoic acid	8.045	122	58	2.173	ng	# 1
50) Dimethylphthalate	9.798	163	49769	2.457	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	36370	8.277	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	36370	6.376	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	17266	2.828	ng	# 1
77) Benzidine	12.639	184	2946	Below Cal		96

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

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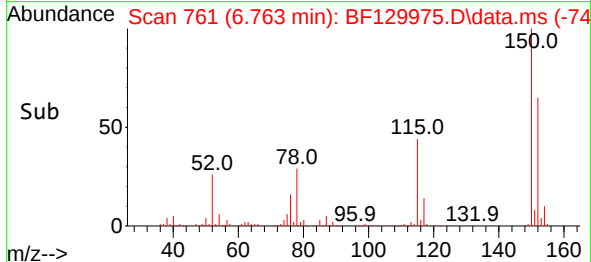
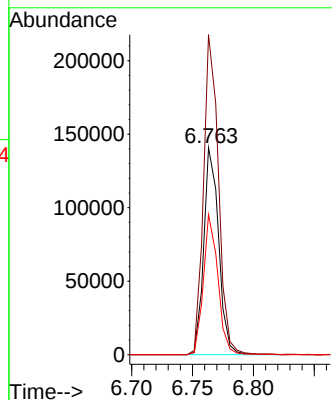
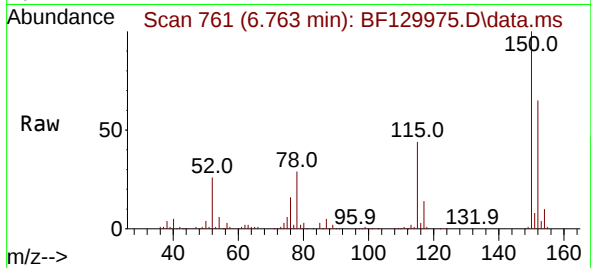




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

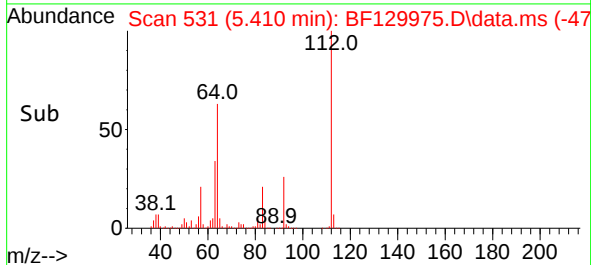
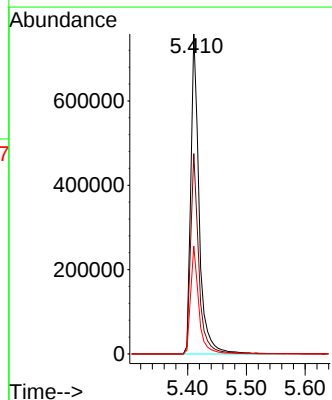
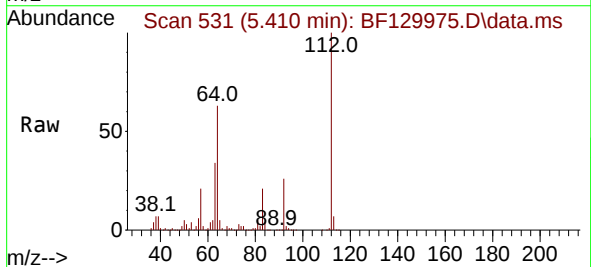
Instrument :
BNA_F
ClientSampleId :
PB147203BL

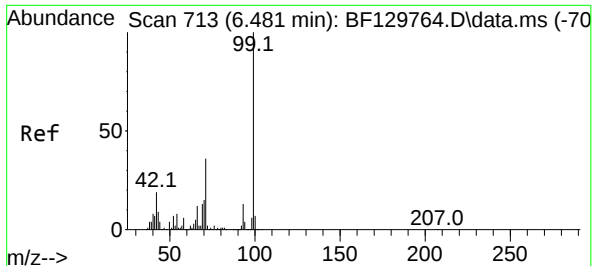
Tgt Ion:152 Resp: 120051
Ion Ratio Lower Upper
152 100
150 154.5 126.9 190.3
115 67.7 53.4 80.0



#5
2-Fluorophenol
Concen: 103.612 ng
RT: 5.410 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

Tgt Ion:112 Resp: 751264
Ion Ratio Lower Upper
112 100
64 62.6 47.6 71.4
63 33.7 24.6 37.0

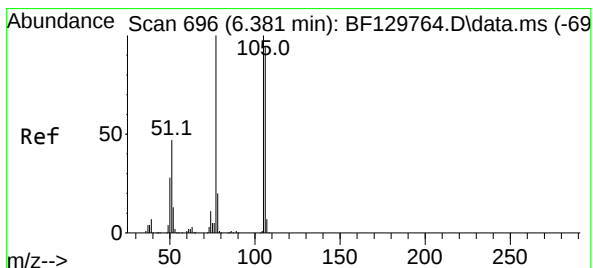
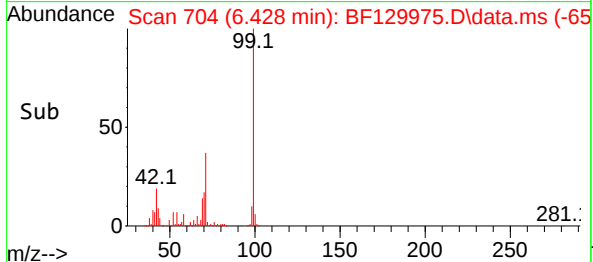
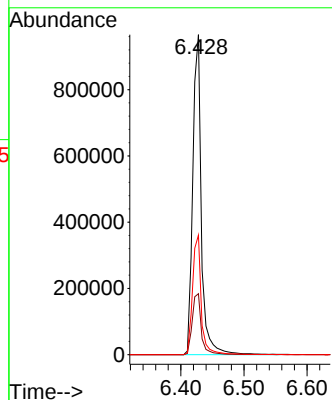
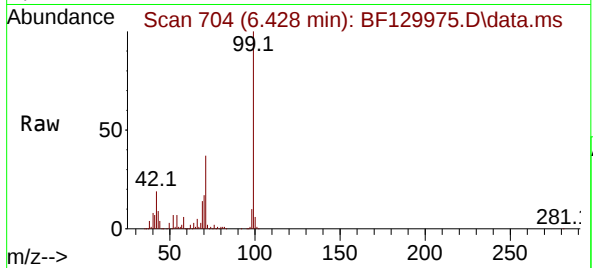




#7
Phenol-d6
Concen: 101.160 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

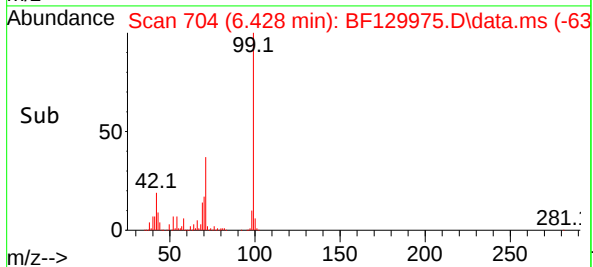
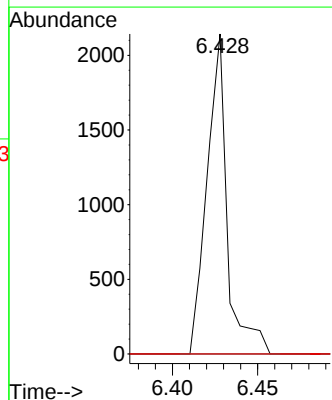
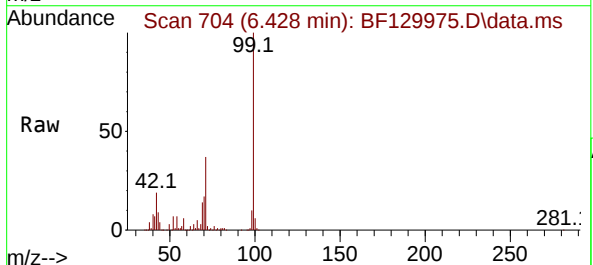
Instrument :
BNA_F
ClientSampleId :
PB147203BL

Tgt Ion: 99 Resp: 918530
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 37.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

Tgt Ion: 77 Resp: 1767
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

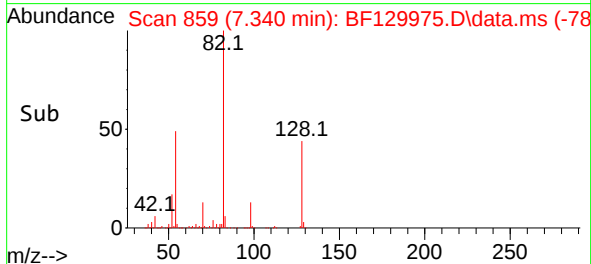
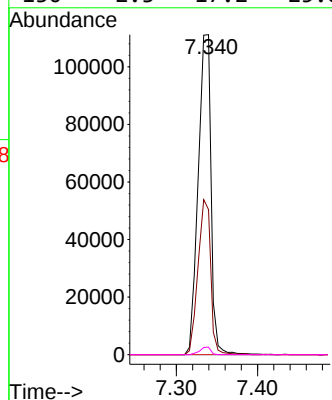
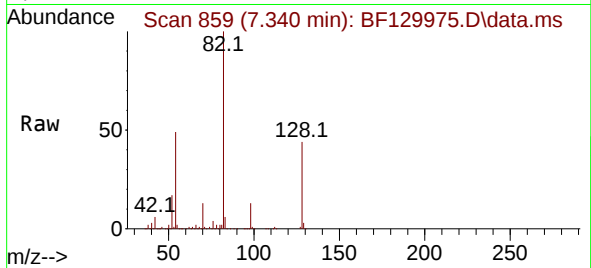




#19
n-Nitroso-di-n-propylamine
Concen: 21.422 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

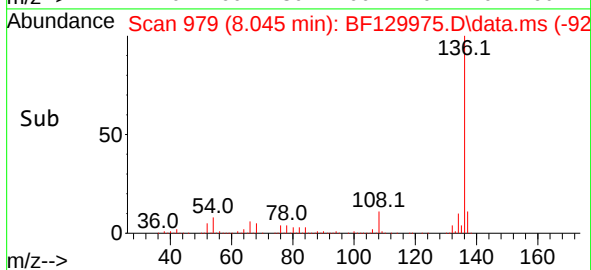
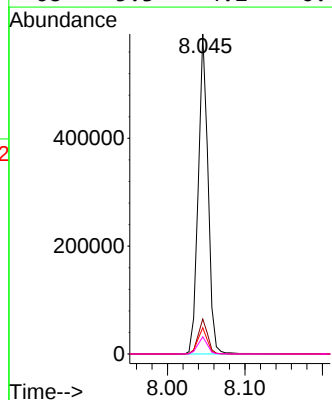
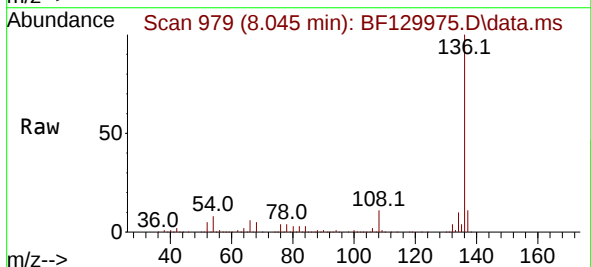
Instrument :
BNA_F
ClientSampleId :
PB147203BL

Tgt Ion: 70 Resp: 122947
Ion Ratio Lower Upper
70 100
42 45.3 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: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

Tgt Ion: 136 Resp: 518669
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.2 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 93.005 ng

RT: 7.340 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129975.D

Acq: 24 Aug 2022 16:43

Instrument :

BNA_F

ClientSampleId :

PB147203BL

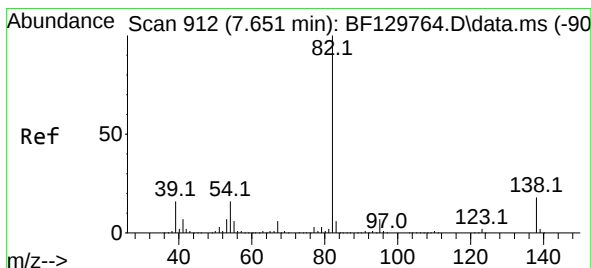
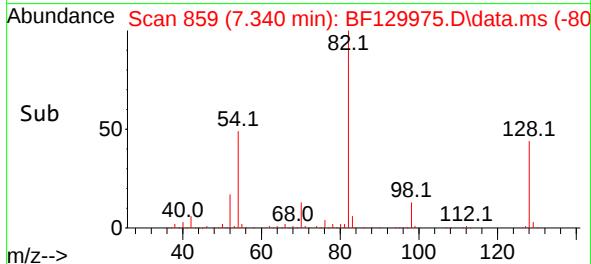
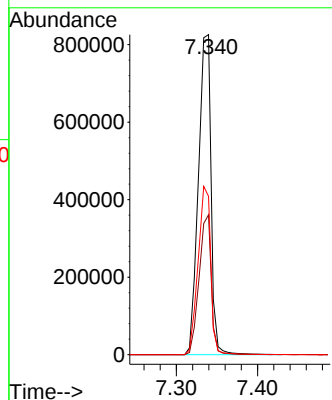
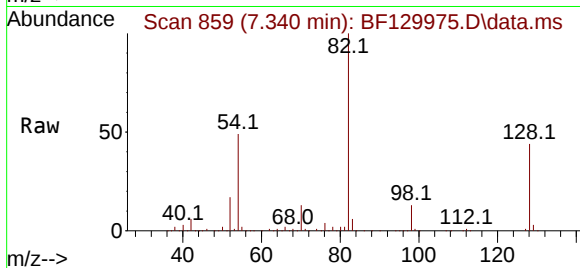
Tgt Ion: 82 Resp: 901119

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

54 49.5 40.0 60.0



#25

Isophorone

Concen: 54.035 ng

RT: 7.340 min Scan# 859

Delta R.T. -0.259 min

Lab File: BF129975.D

Acq: 24 Aug 2022 16:43

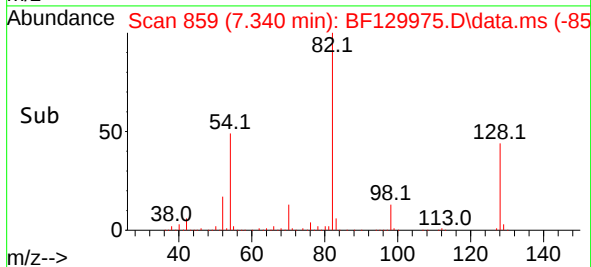
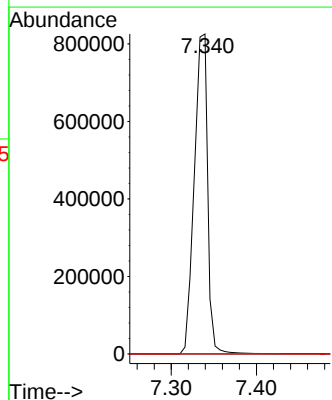
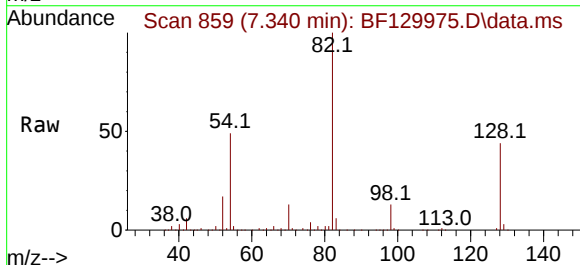
Tgt Ion: 82 Resp: 901107

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

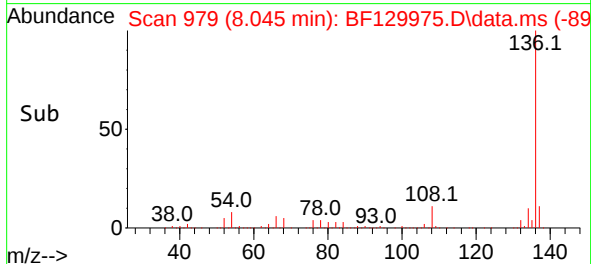
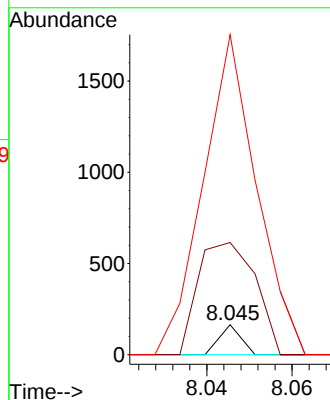
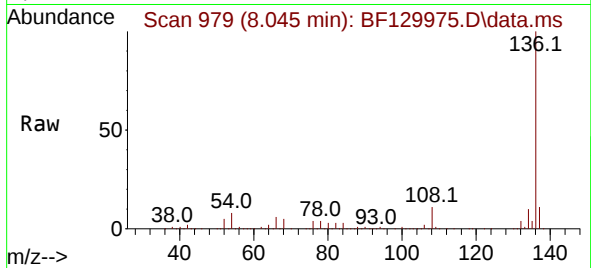




#32
Benzoic acid
Concen: 2.173 ng
RT: 8.045 min Scan# 91
Delta R.T. 0.171 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

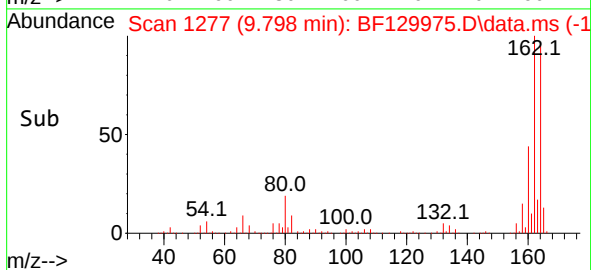
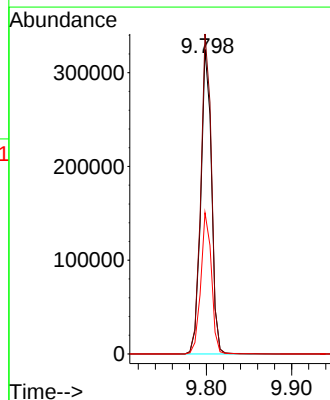
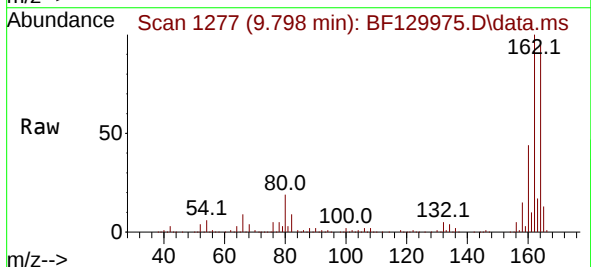
Instrument :
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ClientSampleId :
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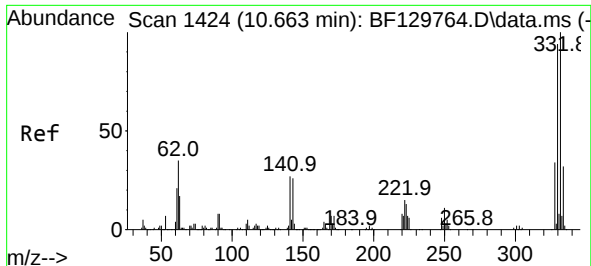
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 375.0 99.9 139.9#
77 1069.5 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

Tgt Ion:164 Resp: 282576
Ion Ratio Lower Upper
164 100
162 105.0 82.0 123.0
160 46.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 97.261 ng

RT: 10.598 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129975.D

Acq: 24 Aug 2022 16:43

Instrument :

BNA_F

ClientSampleId :

PB147203BL

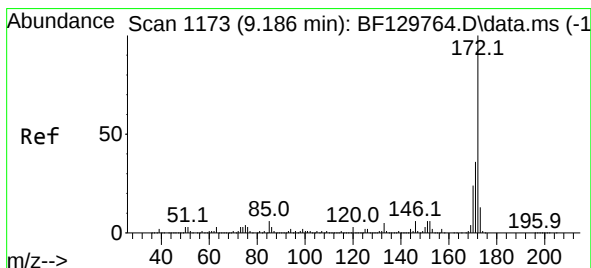
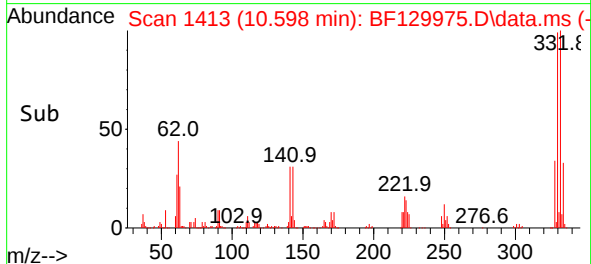
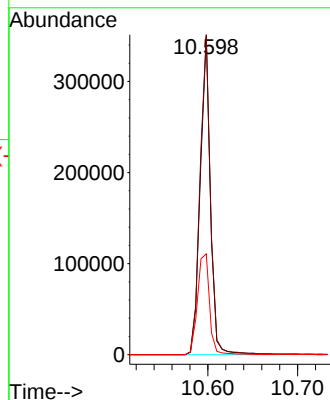
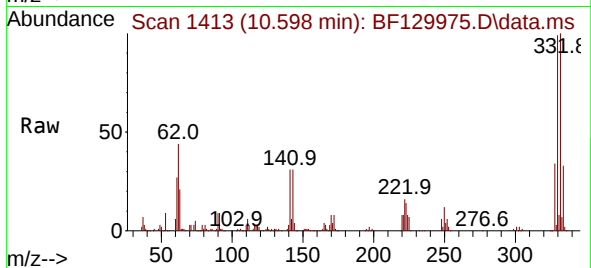
Tgt Ion:330 Resp: 275839

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 37.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 90.260 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129975.D

Acq: 24 Aug 2022 16:43

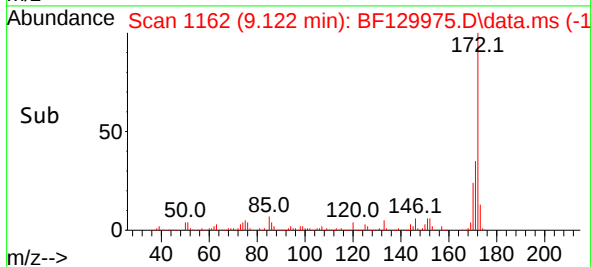
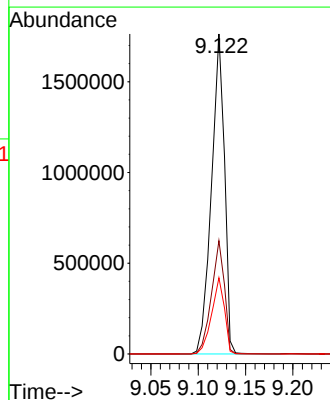
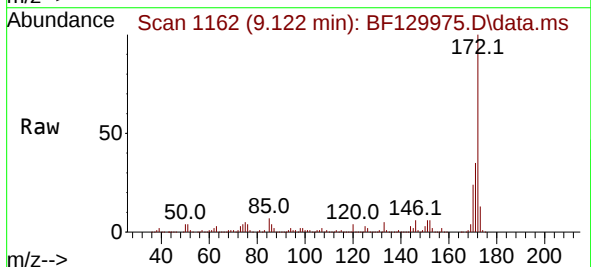
Tgt Ion:172 Resp: 1679310

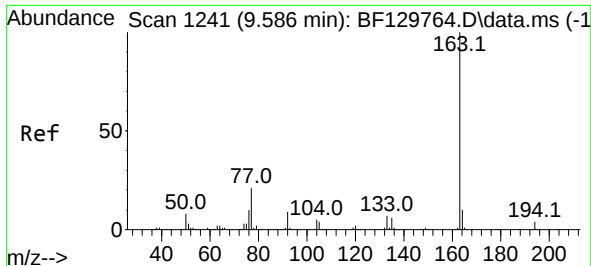
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 19.1 28.7

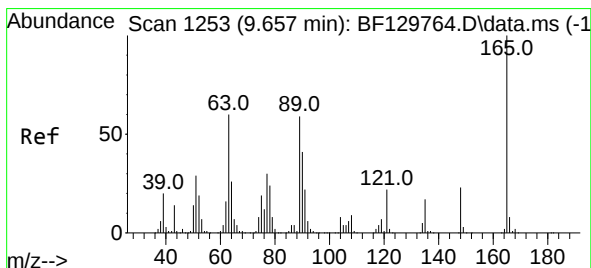
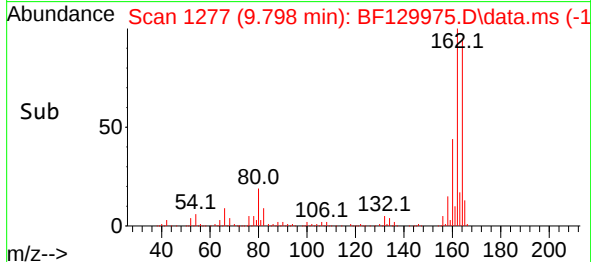
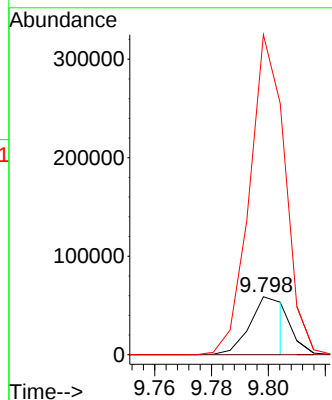
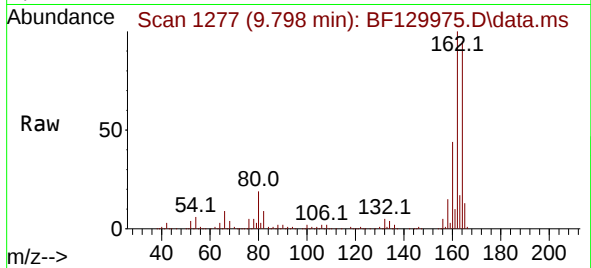




#50
Dimethylphthalate
Concen: 2.457 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

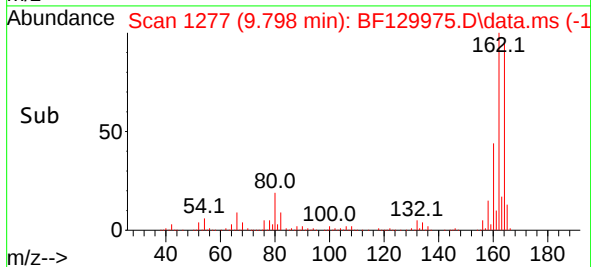
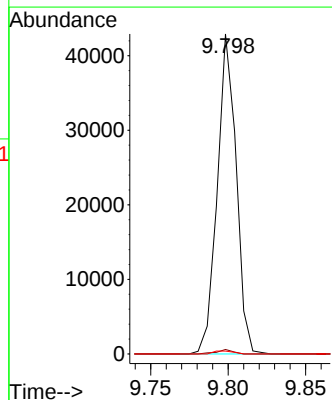
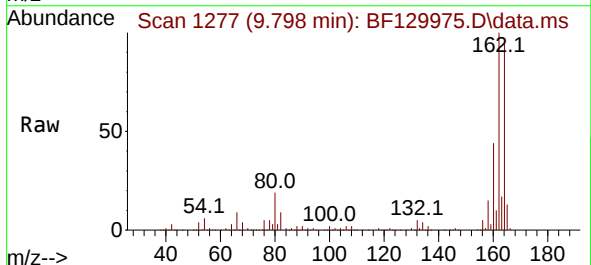
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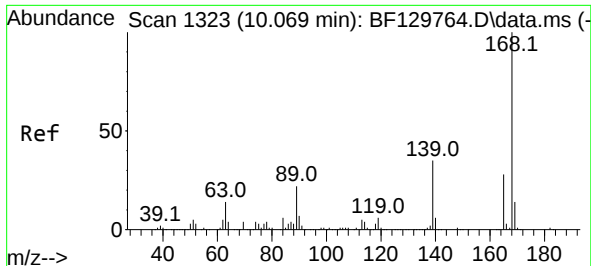
Tgt Ion:163 Resp: 49769
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 551.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.277 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

Tgt Ion:165 Resp: 36370
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 0.9 47.2 70.8#

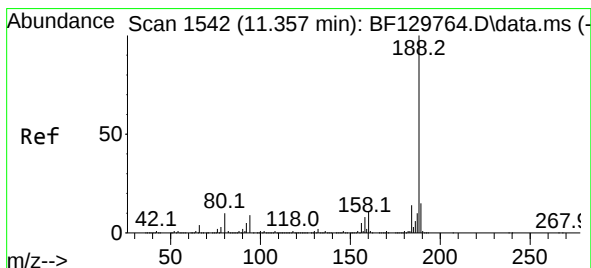
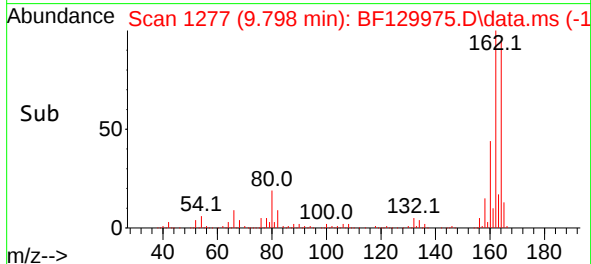
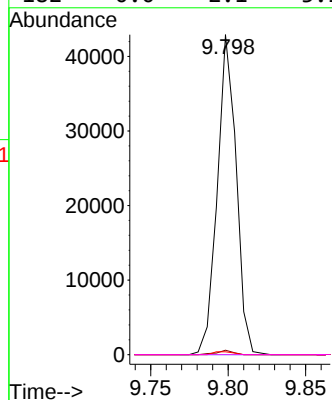
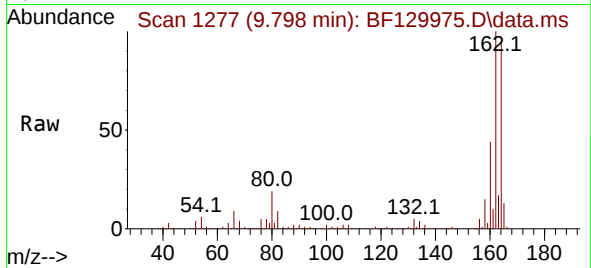




#57
2,4-Dinitrotoluene
Concen: 6.376 ng
RT: 9.798 min Scan# 1531
Delta R.T. -0.218 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

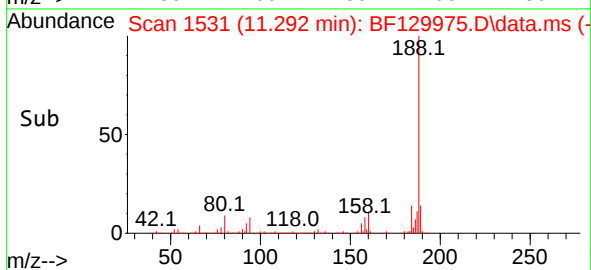
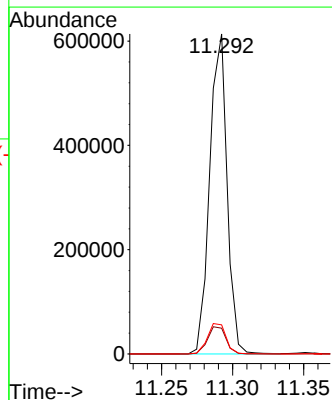
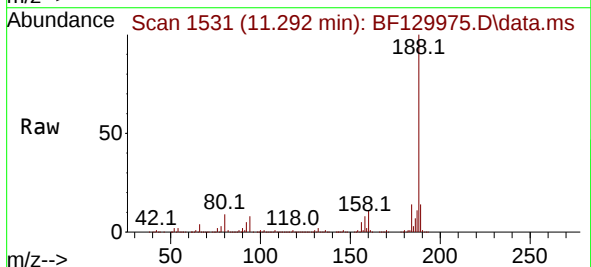
Instrument :
BNA_F
ClientSampleId :
PB147203BL

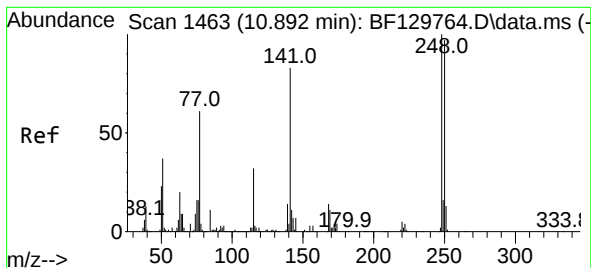
Tgt Ion:165 Resp: 36370
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 0.9 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

Tgt Ion:188 Resp: 521261
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 9.1 7.9 11.9

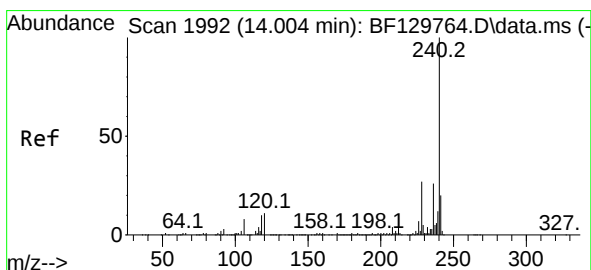
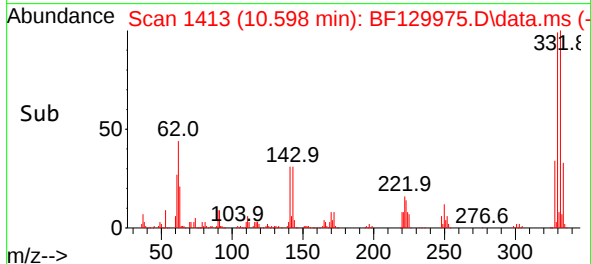
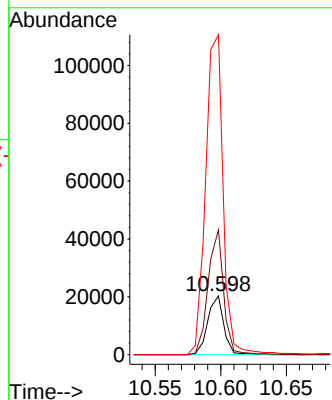
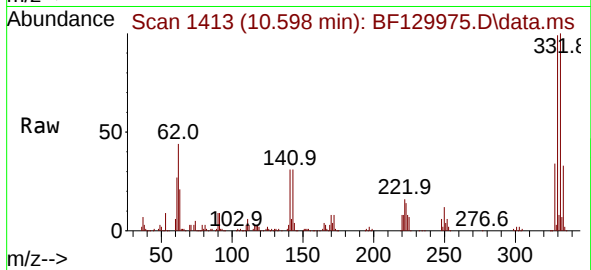




#67
4-Bromophenyl-phenylether
Concen: 2.828 ng
RT: 10.598 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

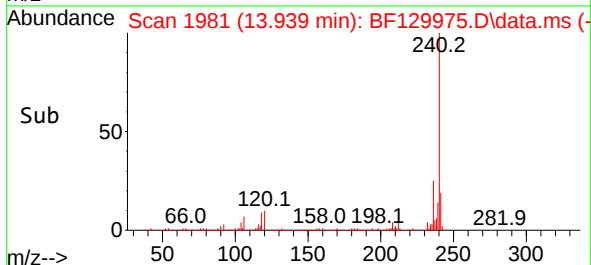
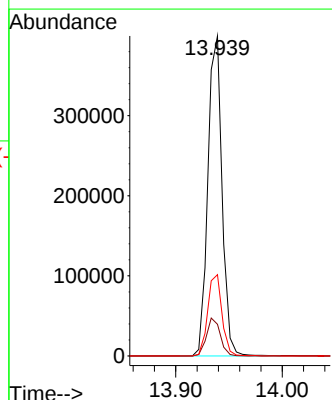
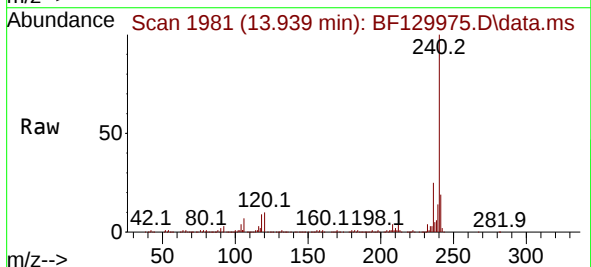
Instrument :
BNA_F
ClientSampleId :
PB147203BL

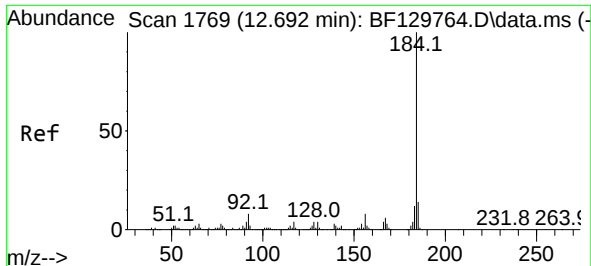
Tgt Ion:248 Resp: 17266
Ion Ratio Lower Upper
248 100
250 212.9 77.8 116.6#
141 545.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

Tgt Ion:240 Resp: 370072
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 25.4 20.7 31.1

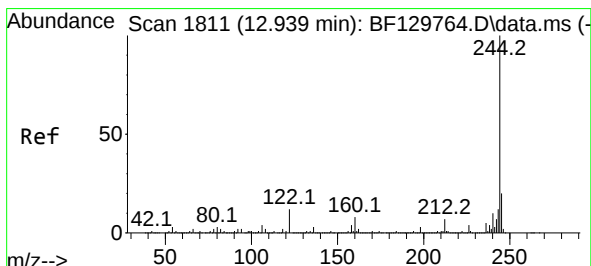
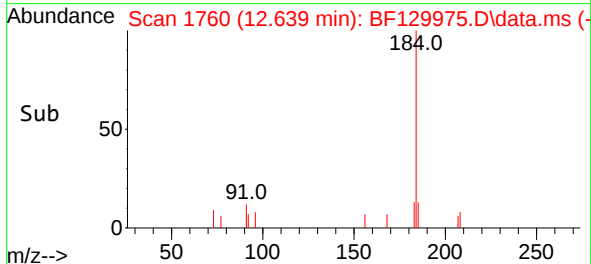
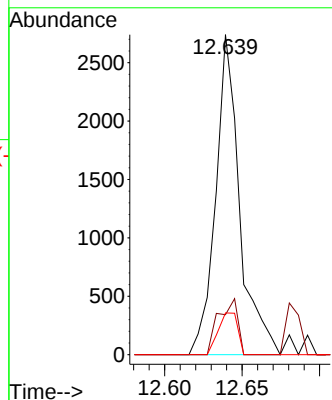
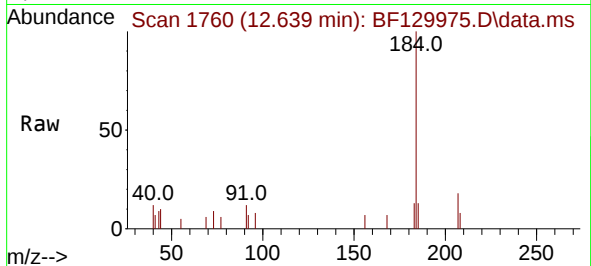




#77
Benzidine
Concen: Below Cal
RT: 12.639 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

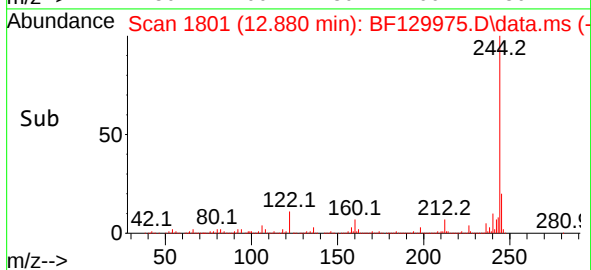
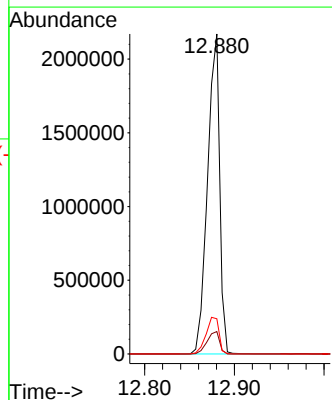
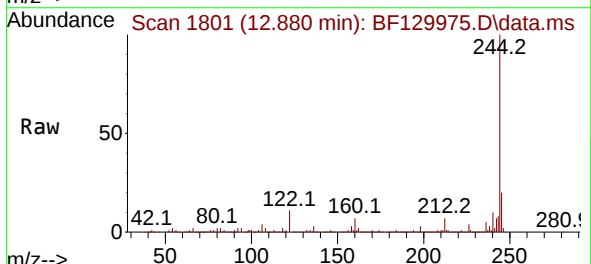
Instrument :
BNA_F
ClientSampleId :
PB147203BL

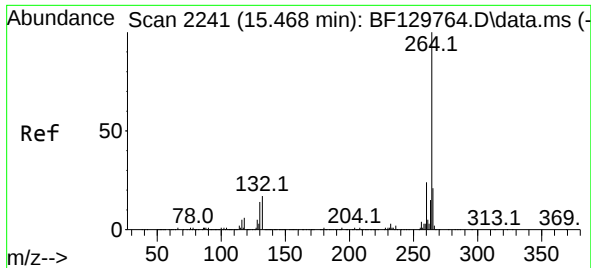
Tgt Ion:	184	Resp:	2946
Ion	Ratio	Lower	Upper
184	100		
185	12.5	11.4	17.2
183	13.1	9.4	14.2



#79
Terphenyl-d14
Concen: 91.511 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF129975.D
Acq: 24 Aug 2022 16:43

Tgt Ion:	244	Resp:	2035276
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.0	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: BF129975.D
Acq: 24 Aug 2022 16:43

Instrument :
BNA_F
ClientSampleId :
PB147203BL

Tgt Ion:264 Resp: 271864

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.5	16.7	25.1

