

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129775.D
 Acq On : 14 Aug 2022 21:58
 Operator : CG\JU
 Sample : PB146963BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146963BL

Quant Time: Aug 15 03:01:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

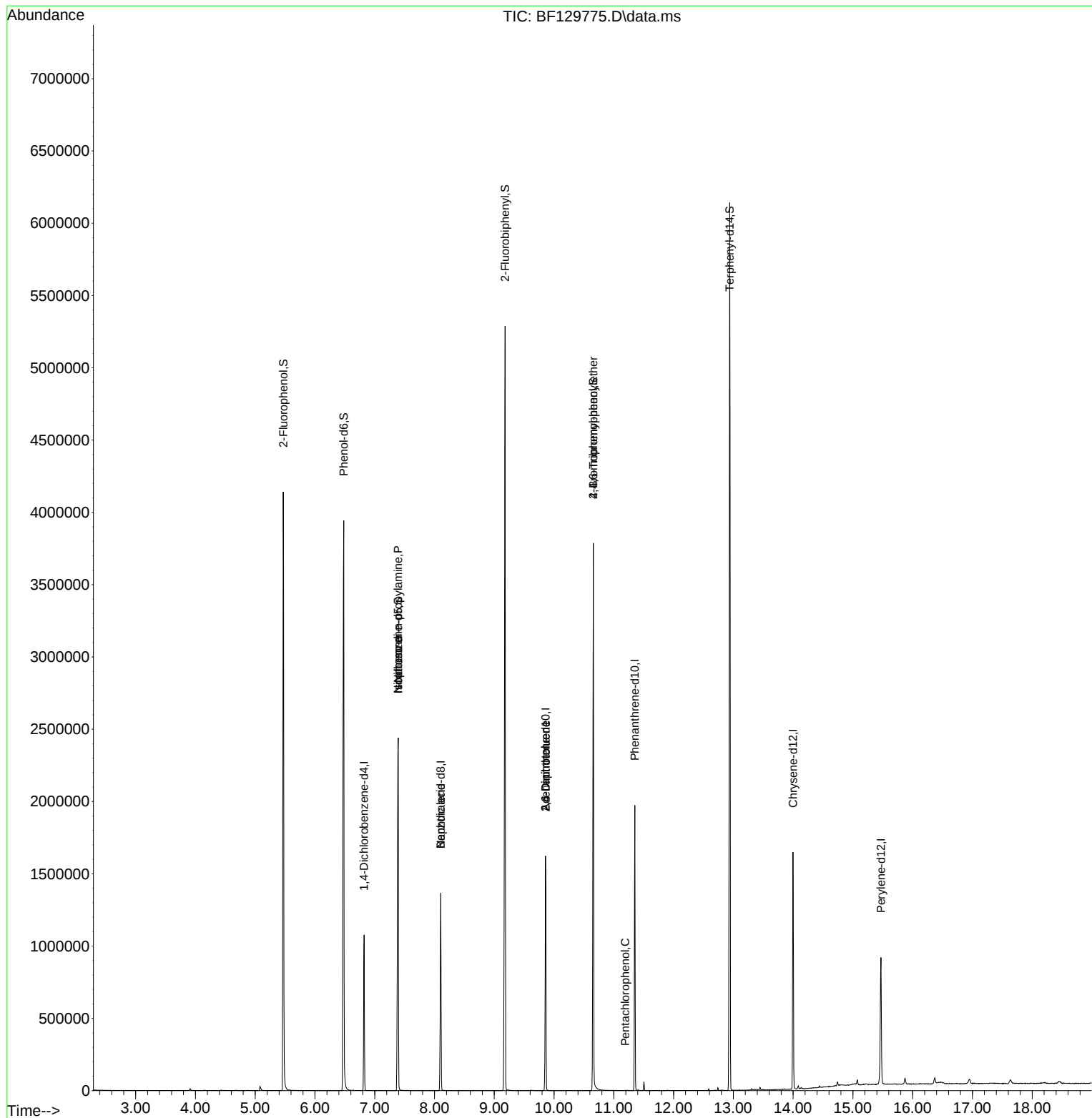
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	161626	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	649517	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	354787	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	648610	20.000	ng	0.00
76) Chrysene-d12	13.998	240	498855	20.000	ng	0.00
86) Perylene-d12	15.468	264	382173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1184237	121.313	ng	0.00
7) Phenol-d6	6.481	99	1489163	121.818	ng	0.00
23) Nitrobenzene-d5	7.392	82	964805	79.517	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	441518	123.993	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1833135	78.475	ng	0.00
79) Terphenyl-d14	12.939	244	2233468	74.498	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	2365	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	127804	16.540	ng	# 74
25) Isophorone	7.392	82	964934	46.206	ng	# 65
32) Benzoic acid	8.104	122	78	2.175	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	45560	8.258	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	45560	6.361	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	27752	3.653	ng	# 1
70) Pentachlorophenol	11.192	266	70	5.208	ng	# 47
77) Benzidine	12.698	184	2046	Below Cal	#	67

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

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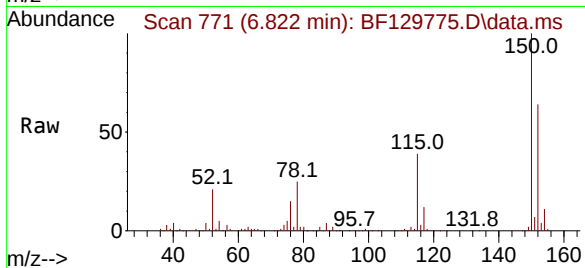
Quant Time: Aug 15 03:01:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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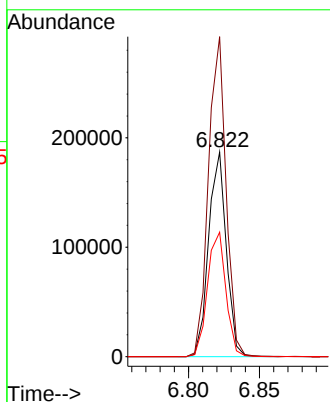
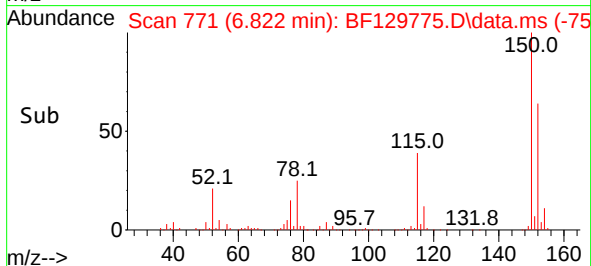


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

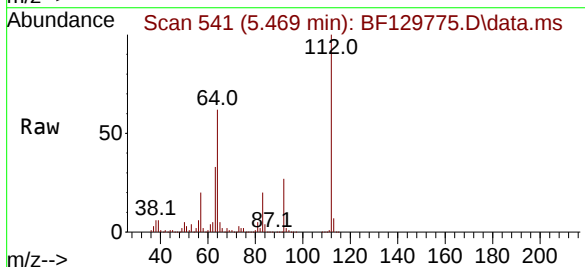
Instrument :
BNA_F
ClientSampleId :
PB146963BL



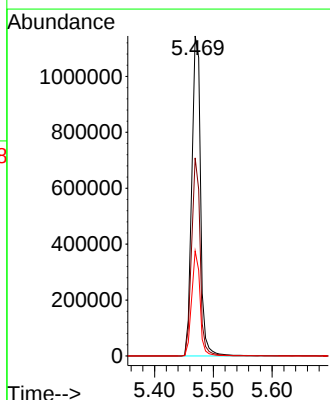
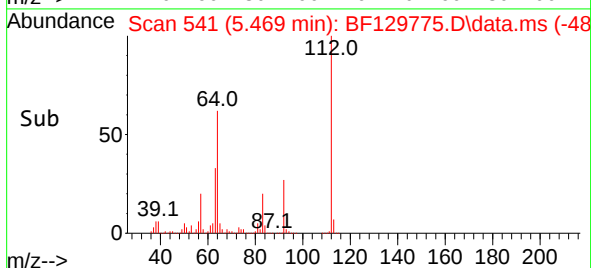
Tgt Ion:152 Resp: 161626
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 60.8 53.4 80.0



#5
2-Fluorophenol
Concen: 121.313 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58



Tgt Ion:112 Resp: 1184237
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 32.8 24.6 37.0



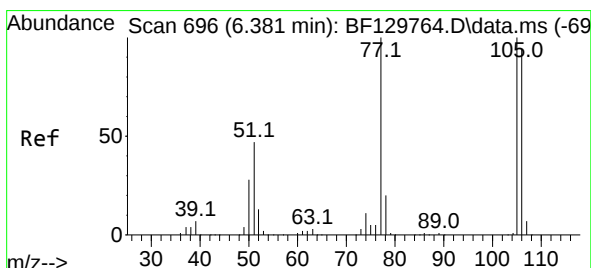
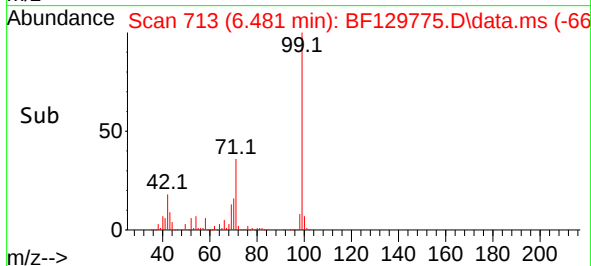
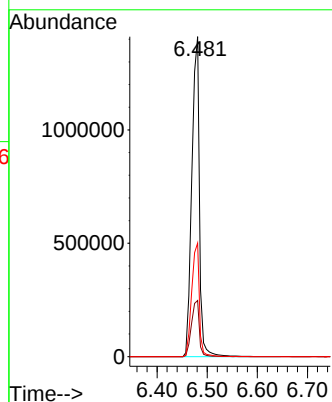
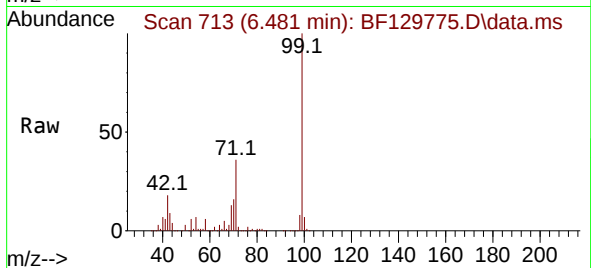


#7
Phenol-d6
Concen: 121.818 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

Instrument :
BNA_F
ClientSampleId :
PB146963BL

Tgt Ion: 99 Resp: 1489163

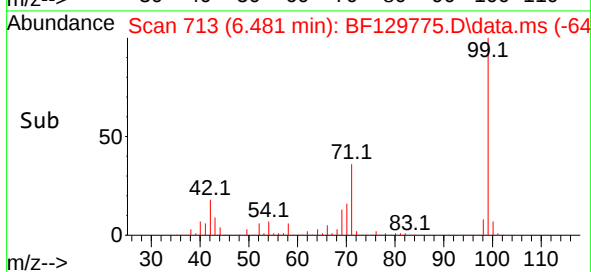
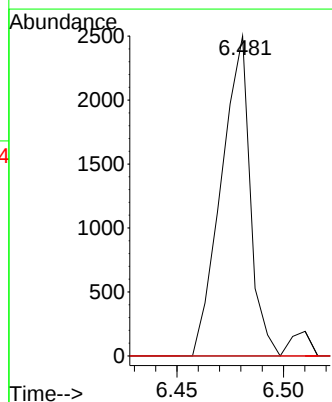
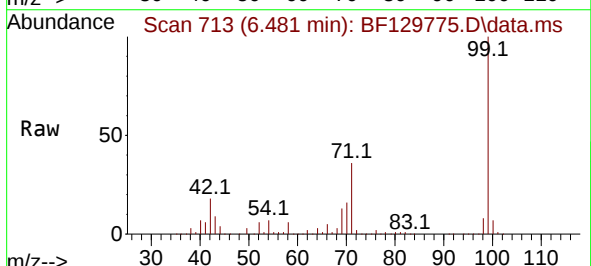
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	35.5	28.8	43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.100 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

Tgt Ion: 77 Resp: 2365

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

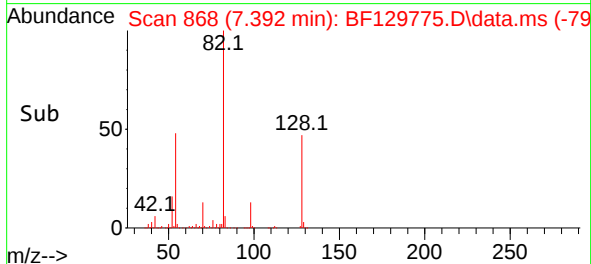
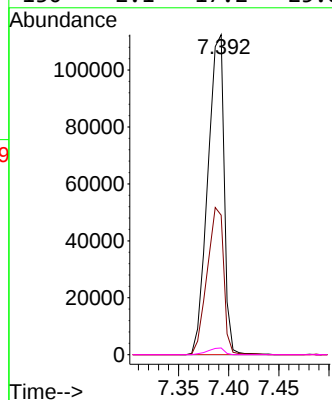
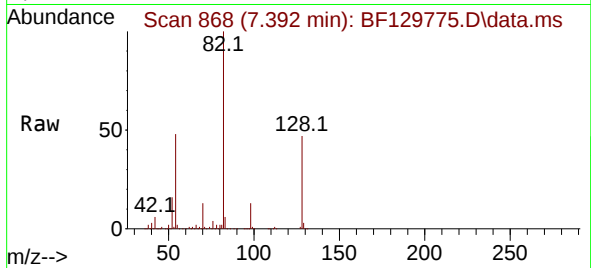




#19
n-Nitroso-di-n-propylamine
Concen: 16.540 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

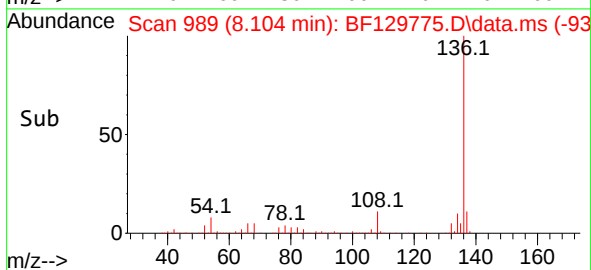
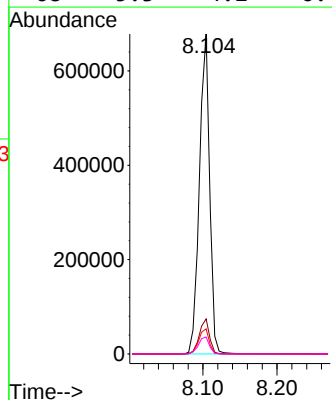
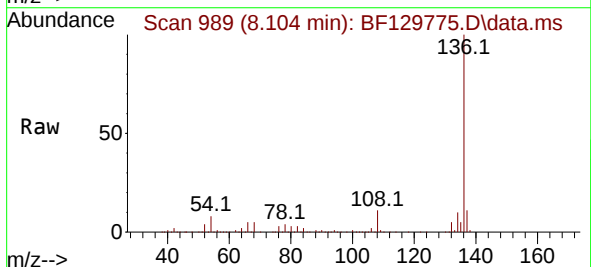
Instrument :
BNA_F
ClientSampleId :
PB146963BL

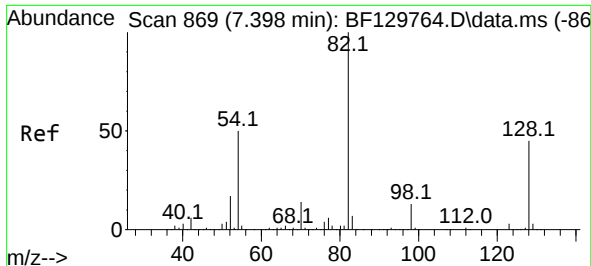
Tgt Ion: 70 Resp: 127804
Ion Ratio Lower Upper
70 100
42 43.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

Tgt Ion: 136 Resp: 649517
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 79.517 ng

RT: 7.392 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF129775.D

Acq: 14 Aug 2022 21:58

Instrument :

BNA_F

ClientSampleId :

PB146963BL

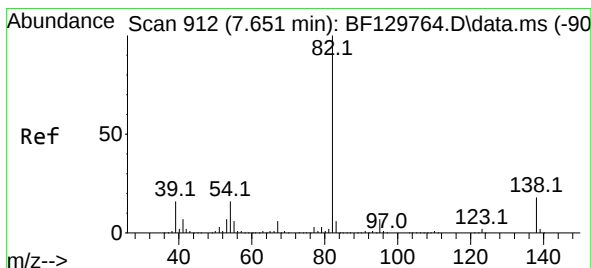
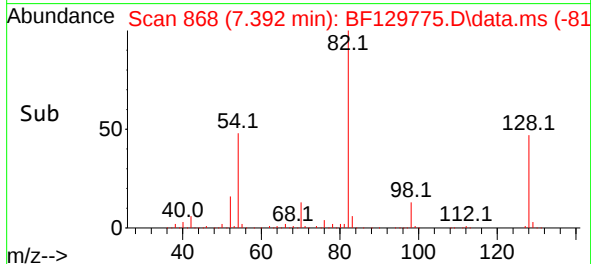
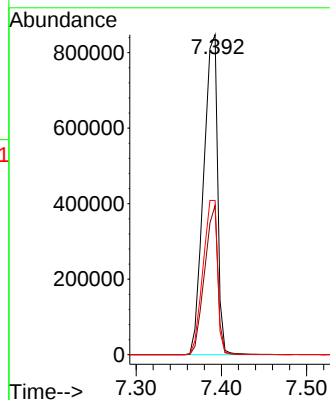
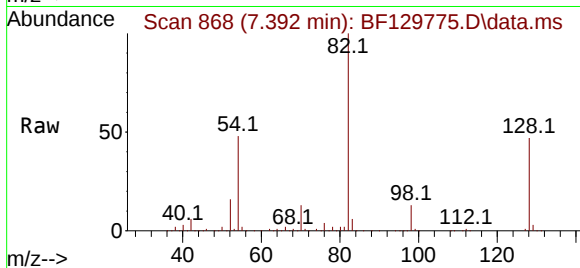
Tgt Ion: 82 Resp: 964805

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

54 48.2 40.0 60.0



#25

Isophorone

Concen: 46.206 ng

RT: 7.392 min Scan# 868

Delta R.T. -0.259 min

Lab File: BF129775.D

Acq: 14 Aug 2022 21:58

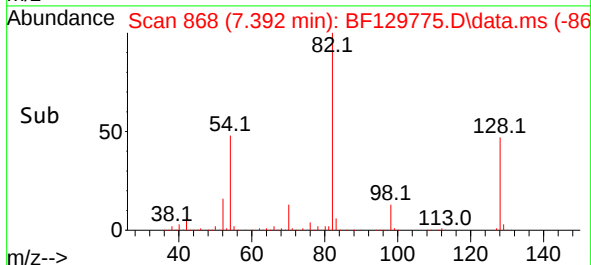
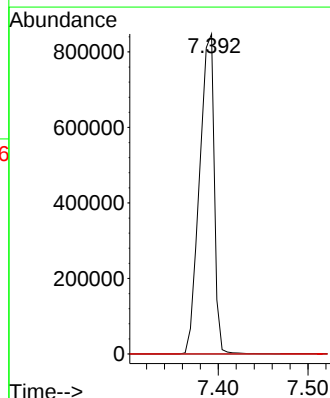
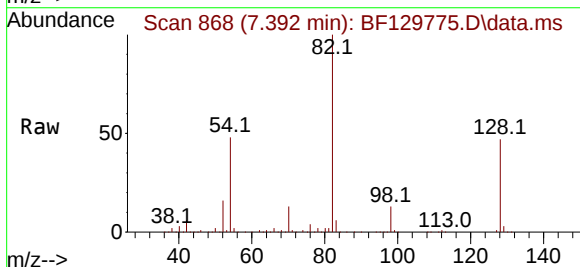
Tgt Ion: 82 Resp: 964934

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

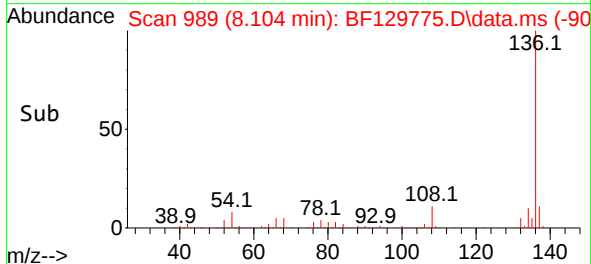
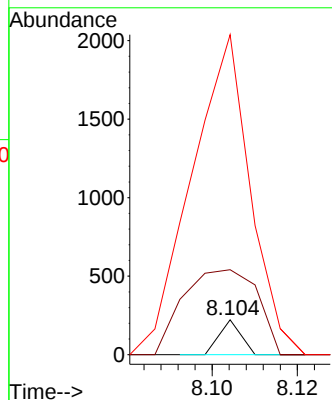
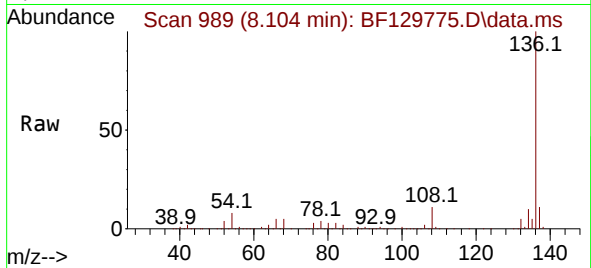




#32
Benzoic acid
Concen: 2.175 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

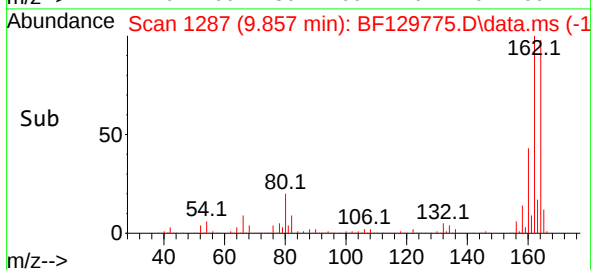
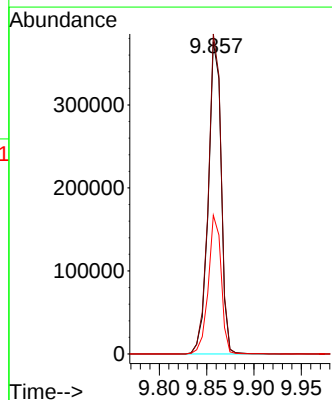
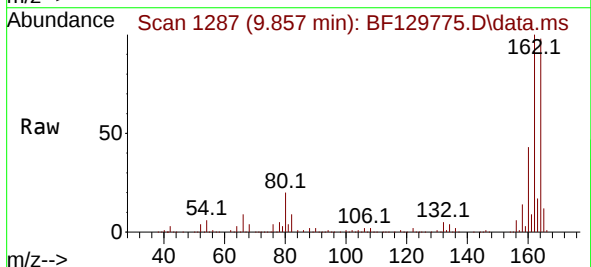
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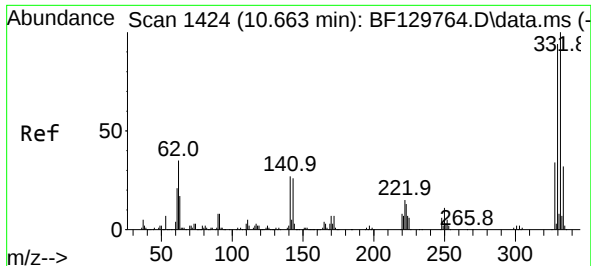
Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 243.7 99.9 139.9#
77 918.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

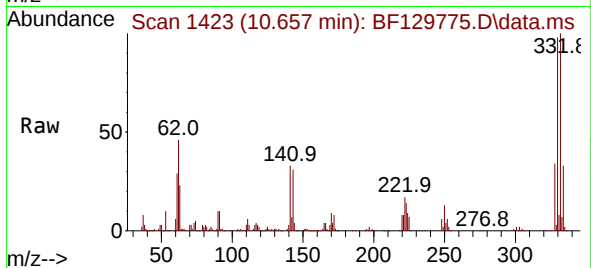
Tgt Ion:164 Resp: 354787
Ion Ratio Lower Upper
164 100
162 102.4 82.0 123.0
160 44.4 35.4 53.0



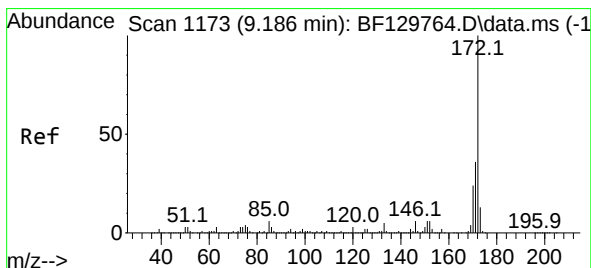
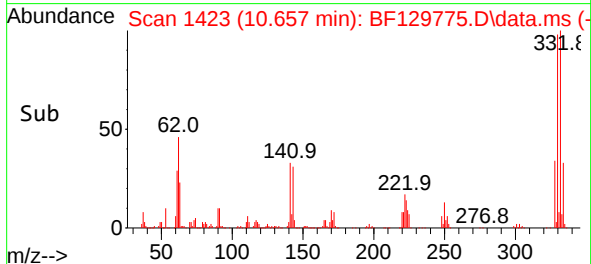
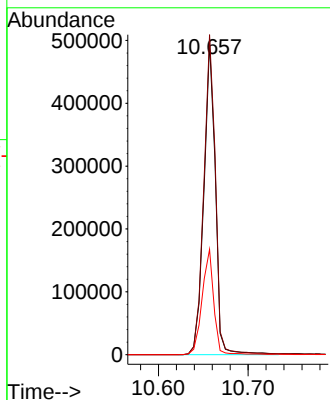


#42
2,4,6-Tribromophenol
Concen: 123.993 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

Instrument :
BNA_F
ClientSampleId :
PB146963BL

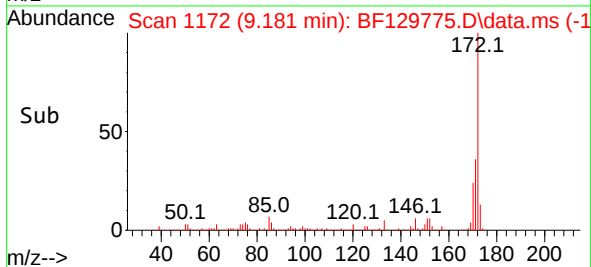
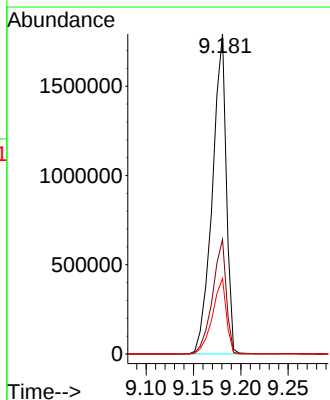
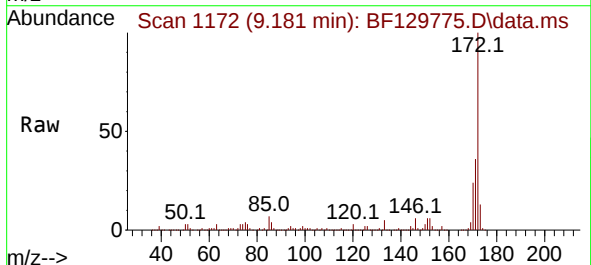


Tgt Ion:330 Resp: 441518
Ion Ratio Lower Upper
330 100
332 104.9 82.6 124.0
141 34.3 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 78.475 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

Tgt Ion:172 Resp: 1833135
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.6 19.1 28.7

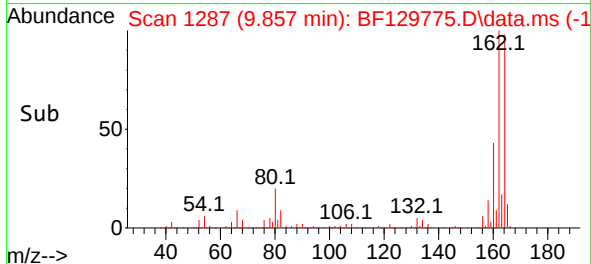
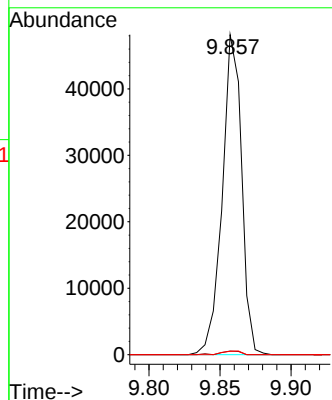
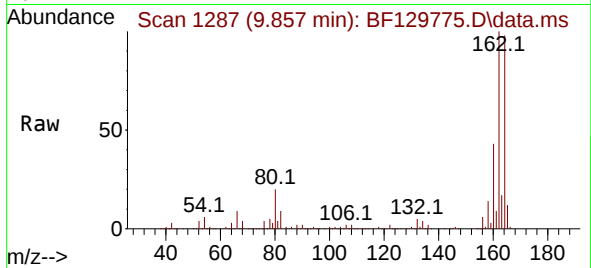




#51
2,6-Dinitrotoluene
Concen: 8.258 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

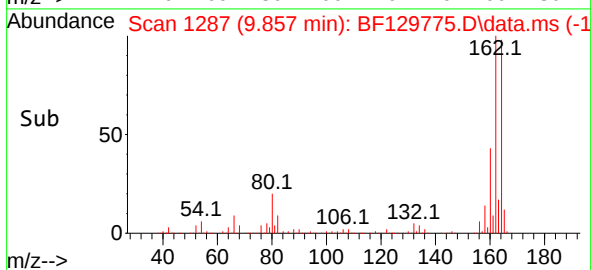
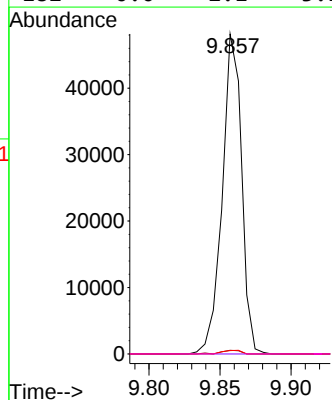
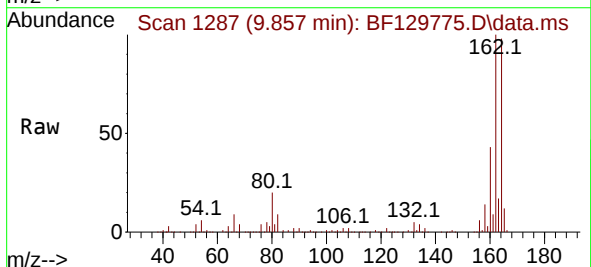
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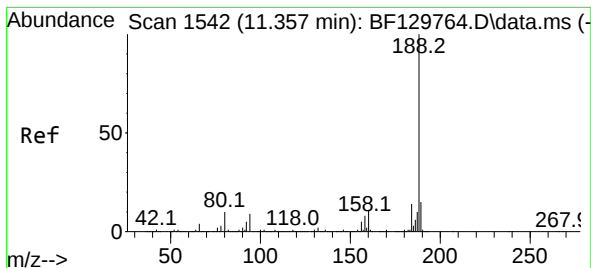
Tgt Ion:165 Resp: 45560
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.361 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

Tgt Ion:165 Resp: 45560
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129775.D

Acq: 14 Aug 2022 21:58

Instrument :

BNA_F

ClientSampleId :

PB146963BL

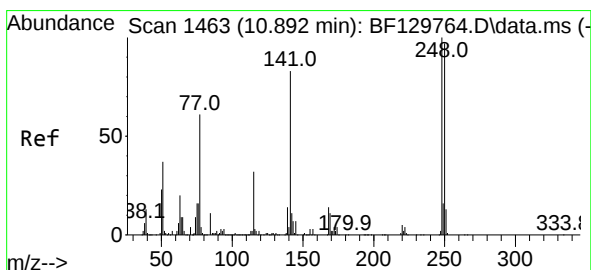
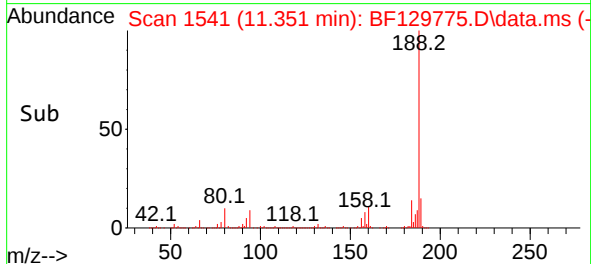
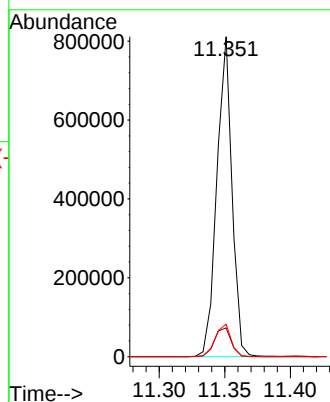
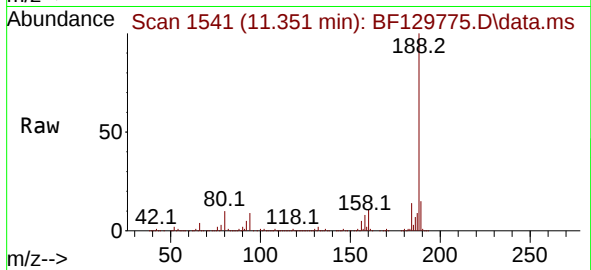
Tgt Ion:188 Resp: 648610

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 10.1 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.653 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.235 min

Lab File: BF129775.D

Acq: 14 Aug 2022 21:58

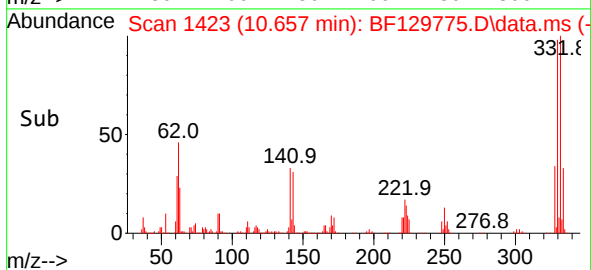
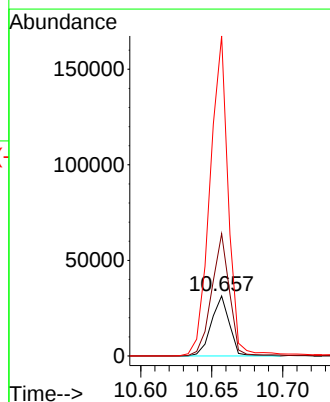
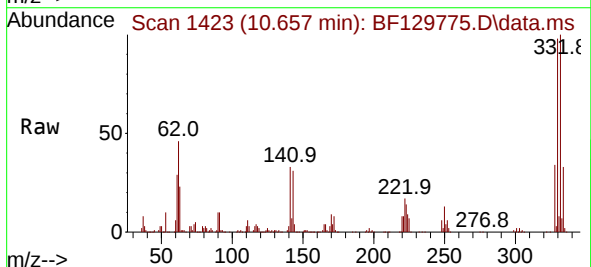
Tgt Ion:248 Resp: 27752

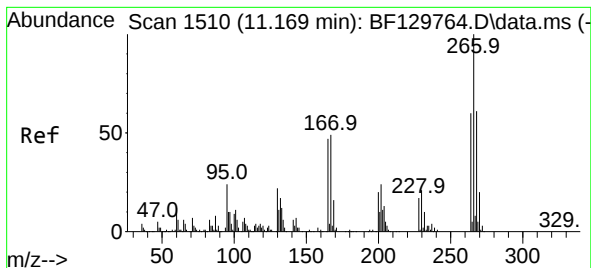
Ion Ratio Lower Upper

248 100

250 203.6 77.8 116.6#

141 533.1 66.2 99.2#





#70

Pentachlorophenol

Concen: 5.208 ng

RT: 11.192 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF129775.D

Acq: 14 Aug 2022 21:58

Instrument :

BNA_F

ClientSampleId :

PB146963BL

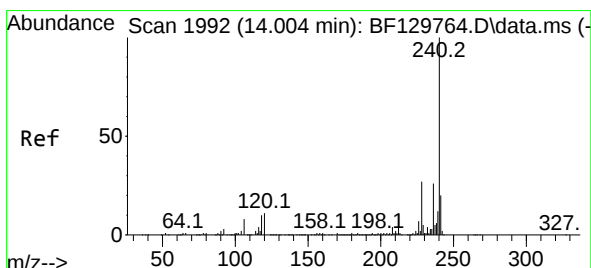
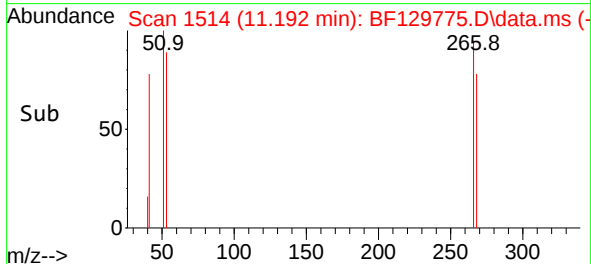
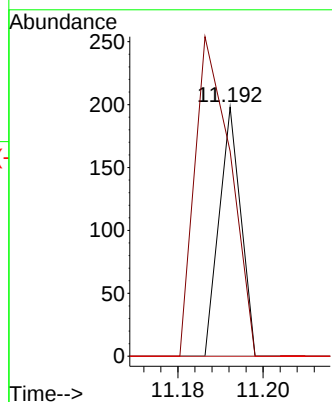
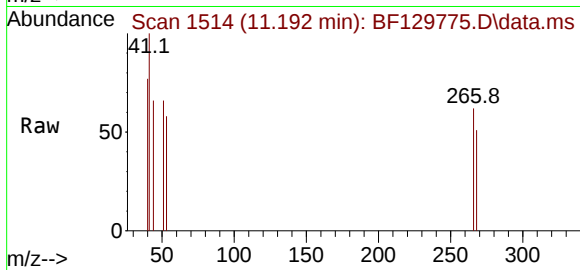
Tgt Ion:266 Resp: 70

Ion Ratio Lower Upper

266 100

268 82.3 49.0 73.4#

264 0.0 47.9 71.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF129775.D

Acq: 14 Aug 2022 21:58

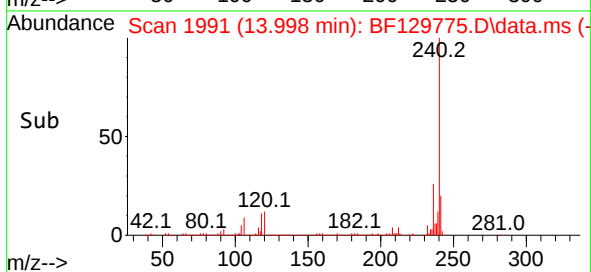
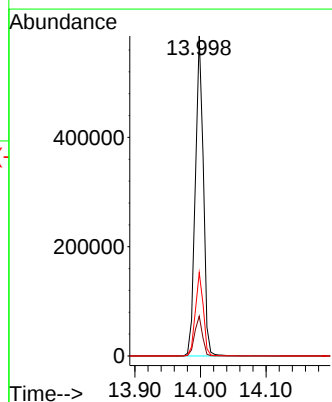
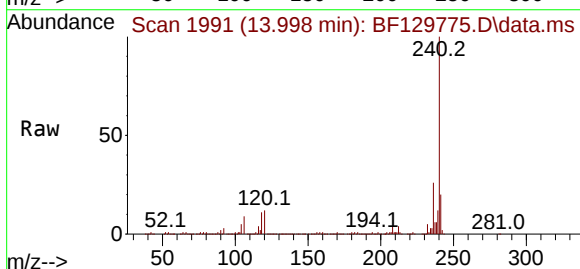
Tgt Ion:240 Resp: 498855

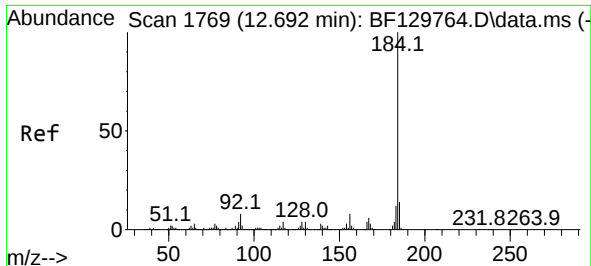
Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 26.0 20.7 31.1

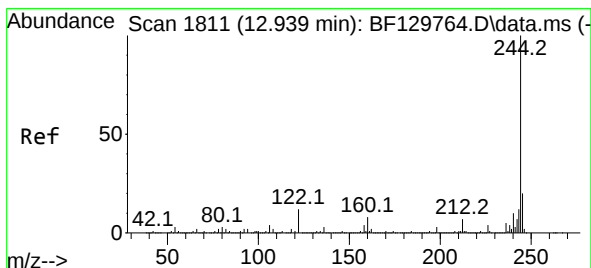
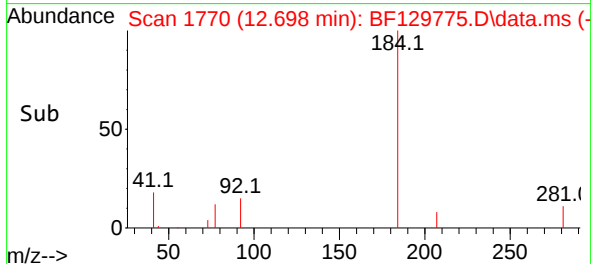
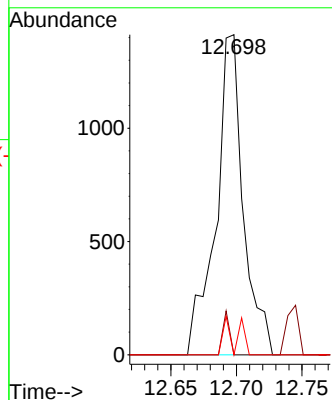
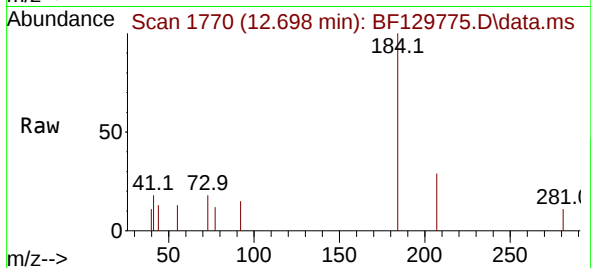




#77
Benzidine
Concen: Below Cal
RT: 12.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

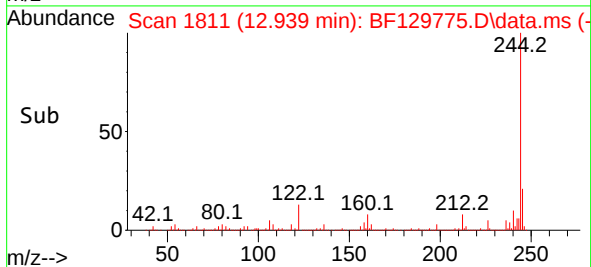
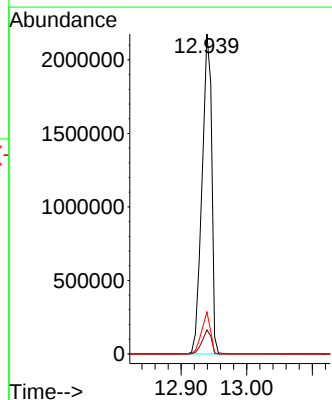
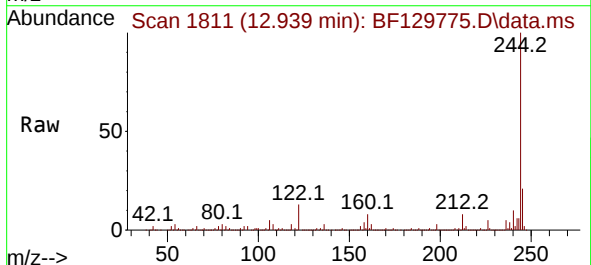
Instrument :
BNA_F
ClientSampleId :
PB146963BL

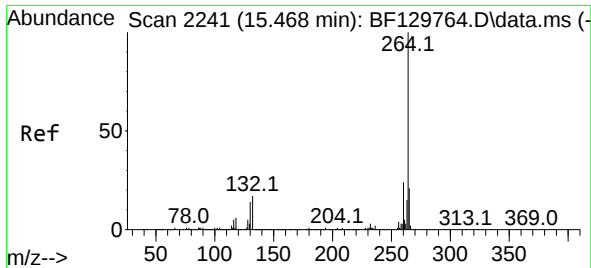
Tgt Ion:184 Resp: 2046
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.2#
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 74.498 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF129775.D
Acq: 14 Aug 2022 21:58

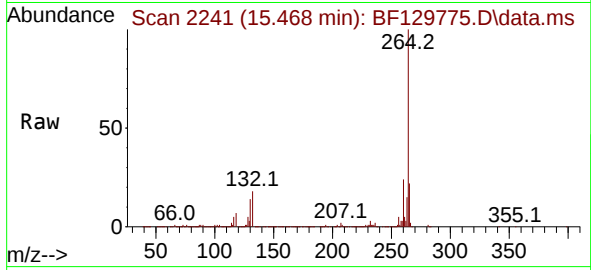
Tgt Ion:244 Resp: 2233468
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 13.1 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129775.D
 Acq: 14 Aug 2022 21:58

Instrument :
 BNA_F
 ClientSampleId :
 PB146963BL



Tgt Ion:264 Resp: 382173
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.9 16.7 25.1

