

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129989.D
 Acq On : 25 Aug 2022 01:03
 Operator : CG\JU
 Sample : N4244-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 25 04:18:49 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)

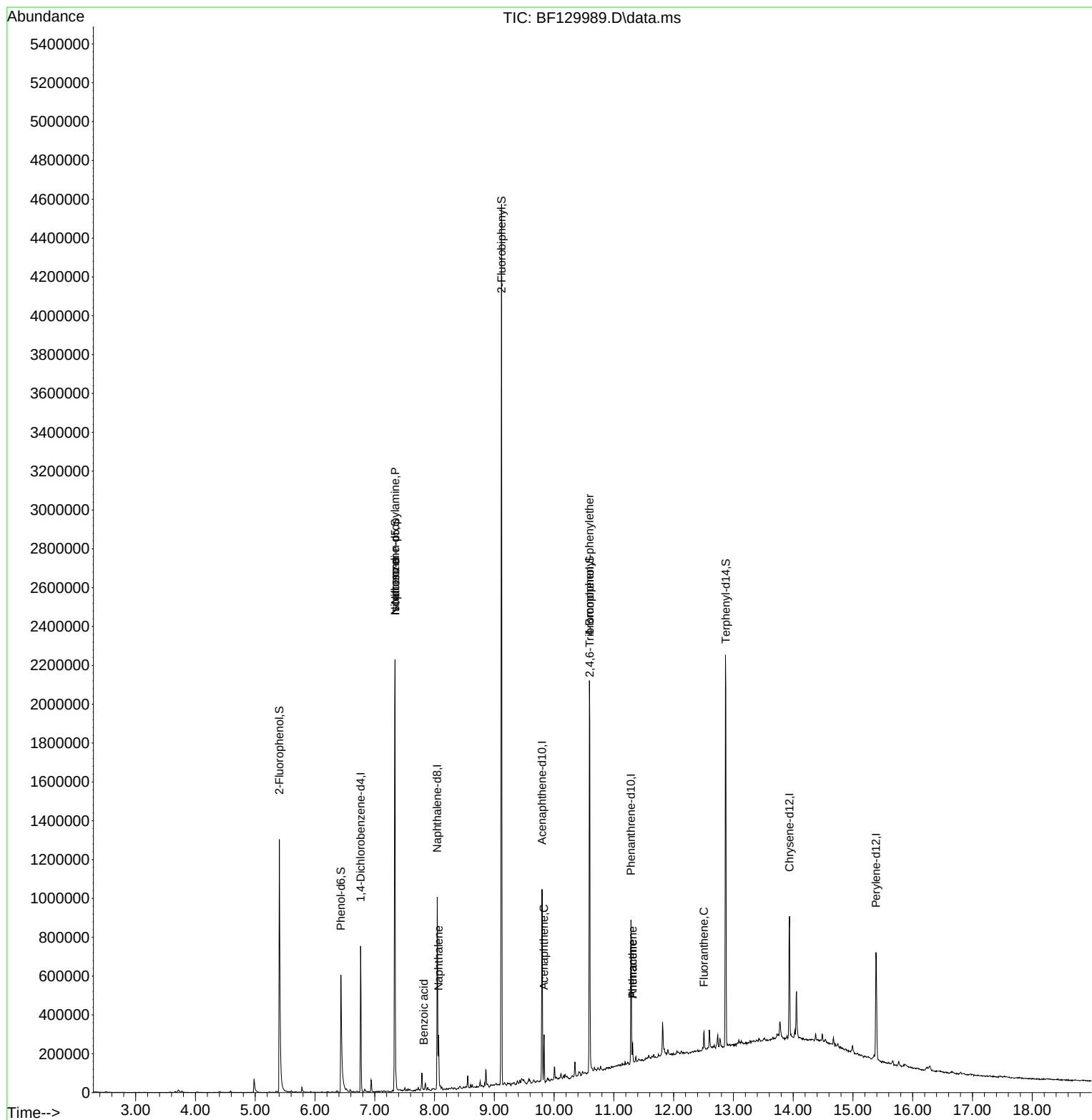
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101586	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	381953	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	176475	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	252669	20.000	ng	0.00
76) Chrysene-d12	13.939	240	210985	20.000	ng	0.00
86) Perylene-d12	15.386	264	249681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	394246	64.256	ng	0.00
7) Phenol-d6	6.434	99	285869	37.206	ng	0.00
23) Nitrobenzene-d5	7.340	82	707876	99.211	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	237630	134.164	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1203489	103.576	ng	0.00
79) Terphenyl-d14	12.874	244	665457	52.481	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.293	77	69	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.340	70	96981	19.969	ng	# 77
25) Isophorone	7.340	82	707868	57.641	ng	# 65
31) Naphthalene	8.069	128	105383	5.277	ng	99
32) Benzoic acid	7.822	122	179	2.252	ng	89
52) Acenaphthene	9.833	154	48625	4.982	ng	99
67) 4-Bromophenyl-phenylether	10.592	248	14903	5.036	ng	# 1
71) Phenanthrene	11.316	178	37613	2.665	ng	97
72) Anthracene	11.316	178	37613	2.680	ng	96
75) Fluoranthene	12.510	202	34628	2.398	ng	91
77) Benzidine	12.780	184	579	Below Cal	#	1

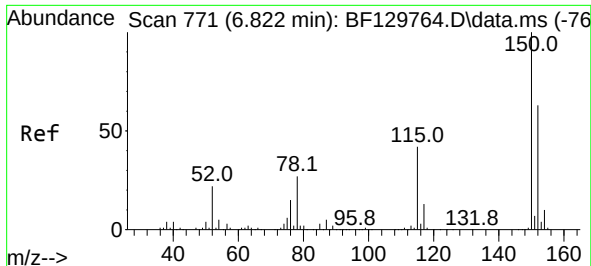
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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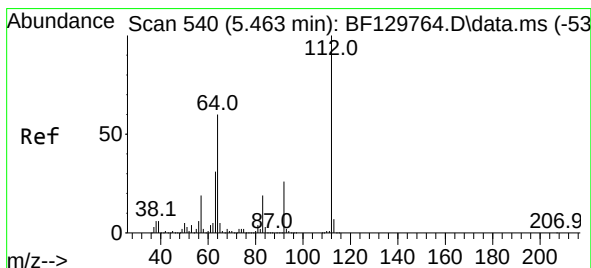
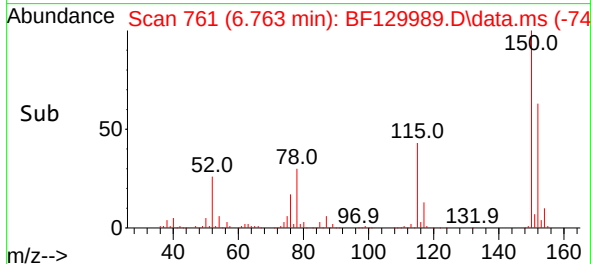
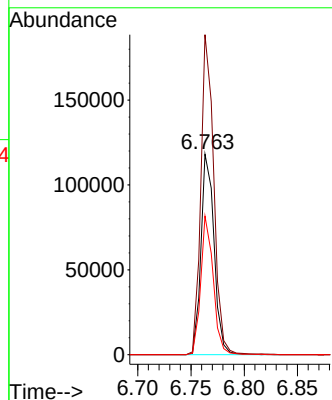
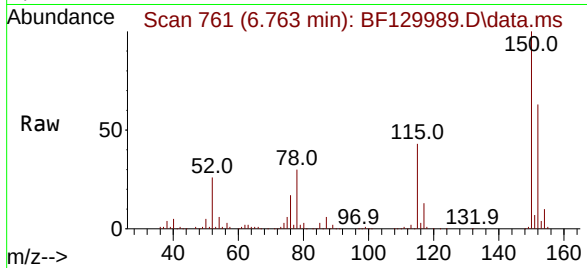




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF129989.D
 Acq: 25 Aug 2022 01:03

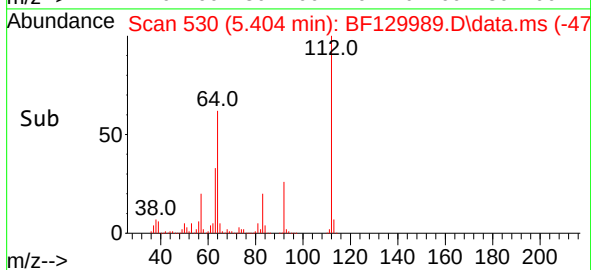
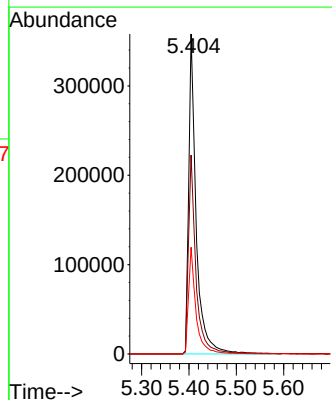
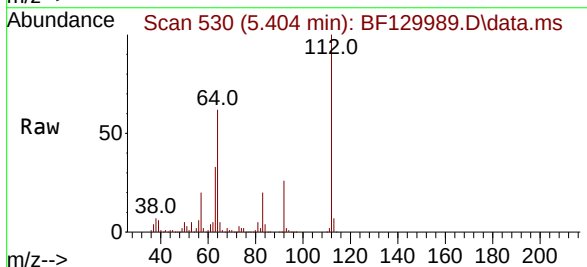
Instrument :
 BNA_F
 ClientSampleId :

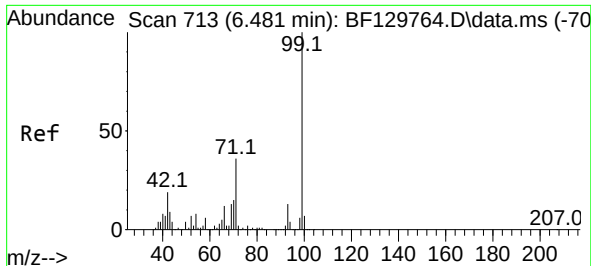
Tgt Ion:152 Resp: 101586
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.9 190.3
 115 69.1 53.4 80.0



#5
 2-Fluorophenol
 Concen: 64.256 ng
 RT: 5.404 min Scan# 530
 Delta R.T. 0.000 min
 Lab File: BF129989.D
 Acq: 25 Aug 2022 01:03

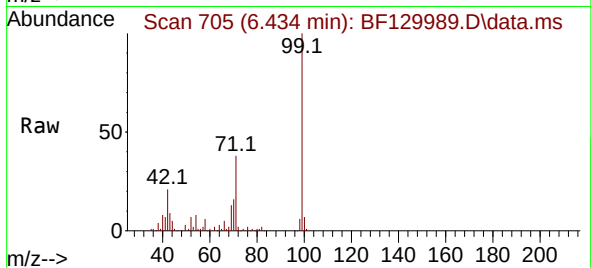
Tgt Ion:112 Resp: 394246
 Ion Ratio Lower Upper
 112 100
 64 62.1 47.6 71.4
 63 33.4 24.6 37.0



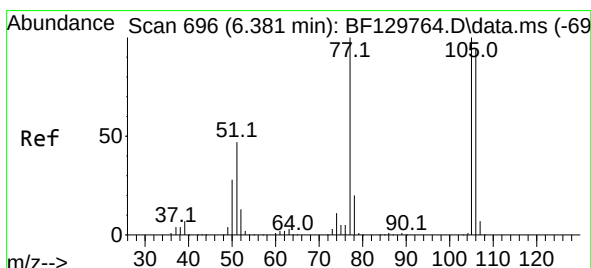
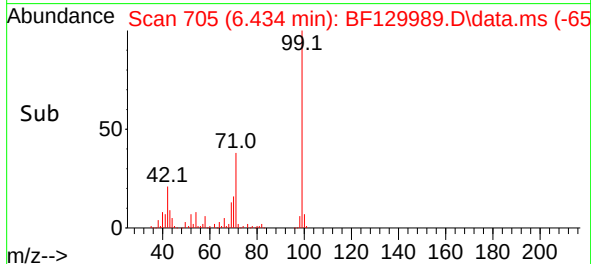
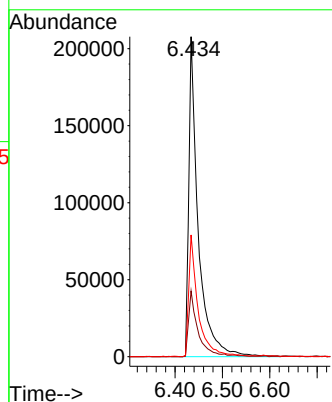


#7
Phenol-d6
Concen: 37.206 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Instrument :
BNA_F
ClientSampleId :

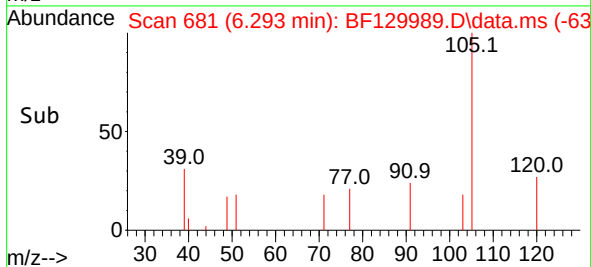
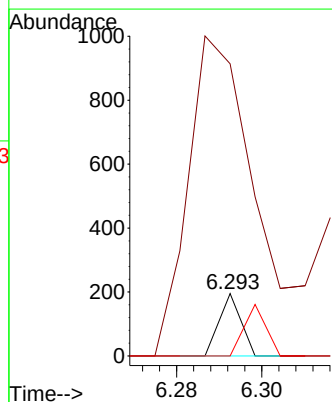
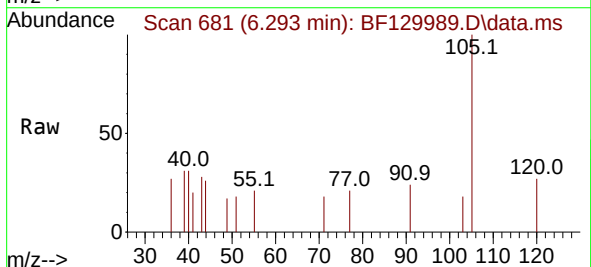


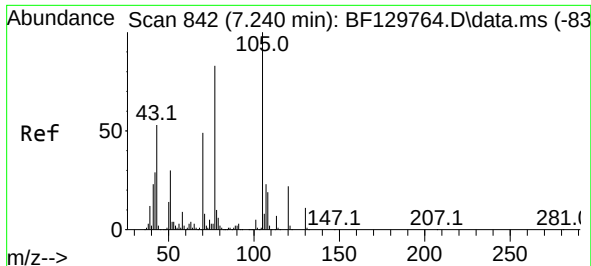
Tgt Ion: 99 Resp: 285869
Ion Ratio Lower Upper
99 100
42 20.5 15.0 22.4
71 38.0 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.293 min Scan# 681
Delta R.T. -0.035 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

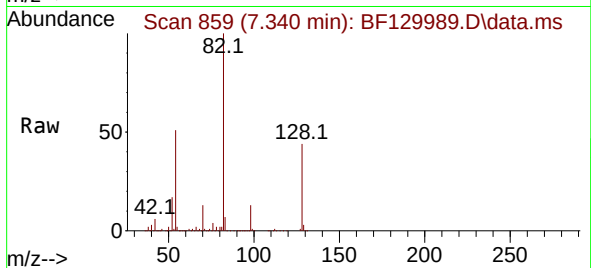
Tgt Ion: 77 Resp: 69
Ion Ratio Lower Upper
77 100
105 468.7 80.3 120.3#
106 0.0 74.3 114.3#



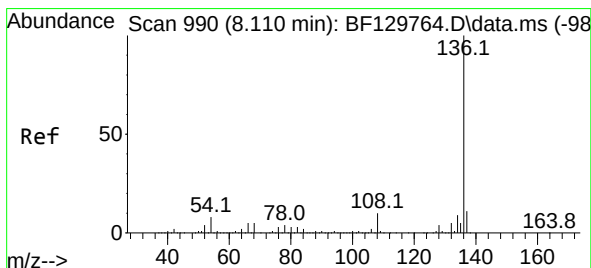
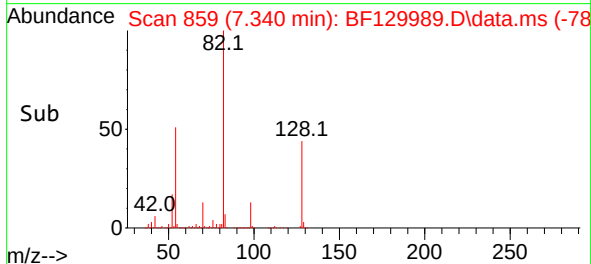
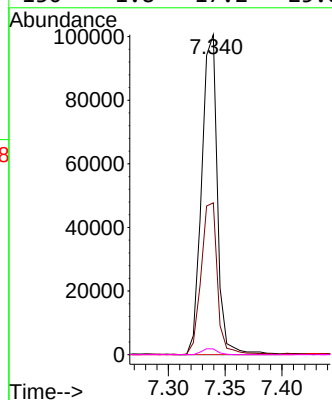


#19
n-Nitroso-di-n-propylamine
Concen: 19.969 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Instrument :
BNA_F
ClientSampleId :

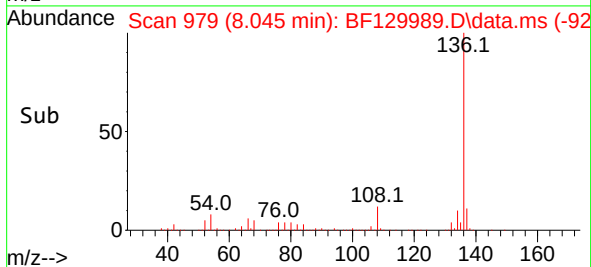
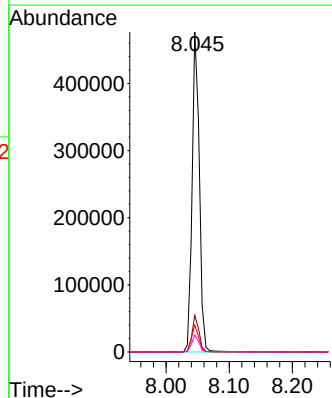
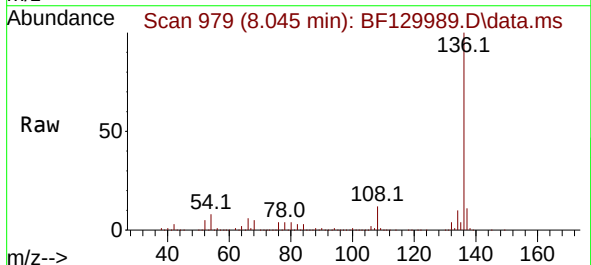


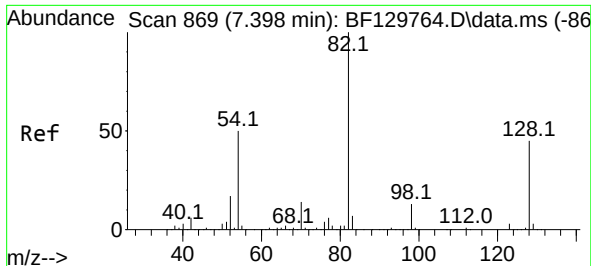
Tgt Ion: 70 Resp: 96981
Ion Ratio Lower Upper
70 100
42 47.5 47.6 71.4#
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion: 136 Resp: 381953
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 8.4 6.2 9.2
68 5.3 4.2 6.4



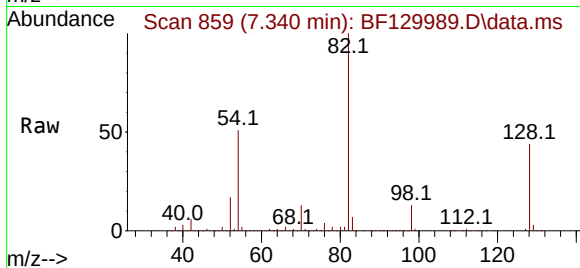


#23
Nitrobenzene-d5
Concen: 99.211 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

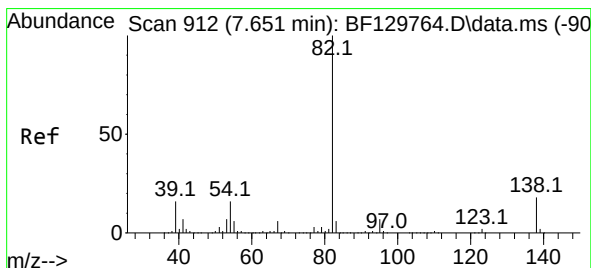
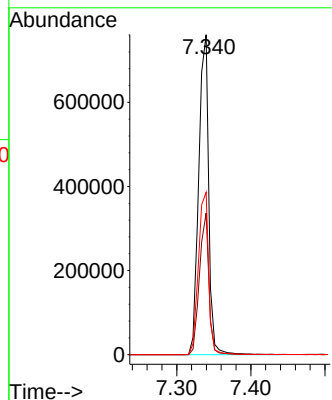
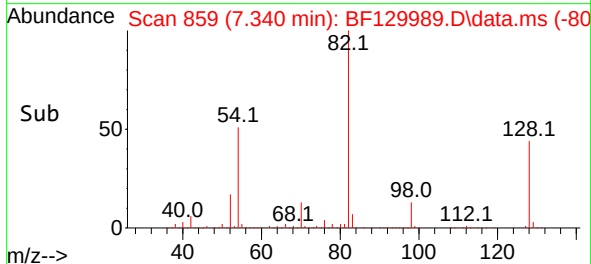
Instrument :

BNA_F

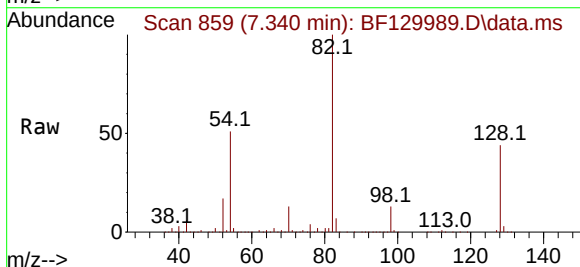
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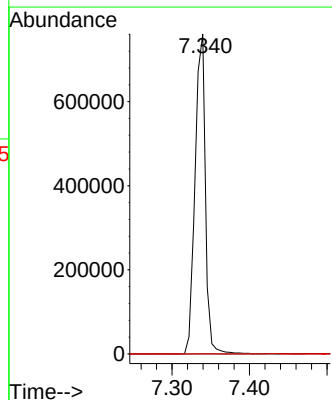
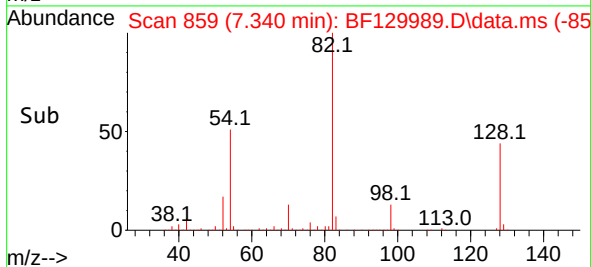
Tgt Ion: 82 Resp: 707876
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 50.8 40.0 60.0

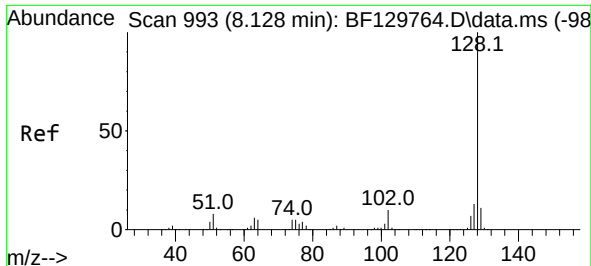


#25
Isophorone
Concen: 57.641 ng
RT: 7.340 min Scan# 859
Delta R.T. -0.259 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03



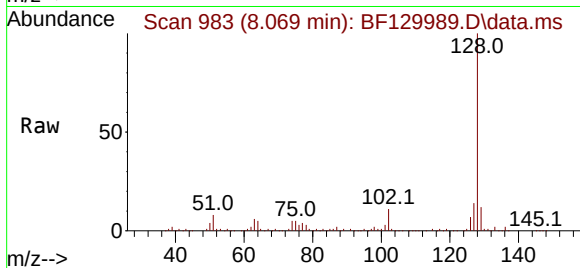
Tgt Ion: 82 Resp: 707868
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



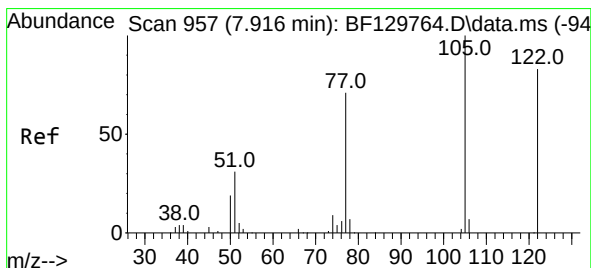
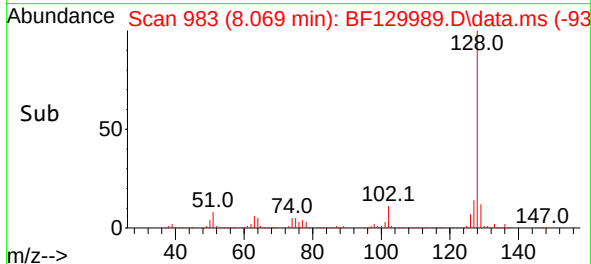
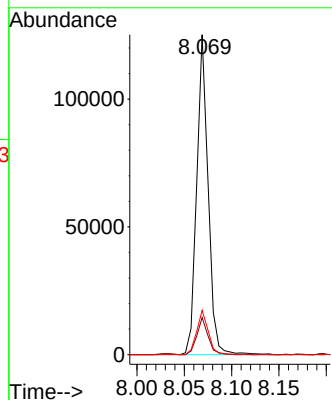


#31
Naphthalene
Concen: 5.277 ng
RT: 8.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Instrument :
BNA_F
ClientSampleId :

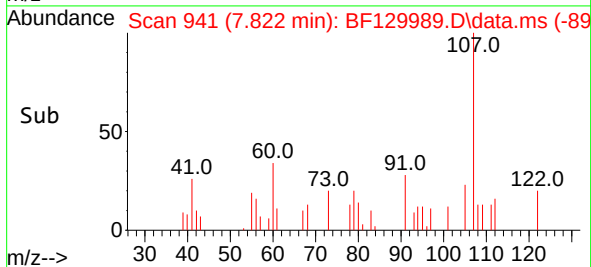
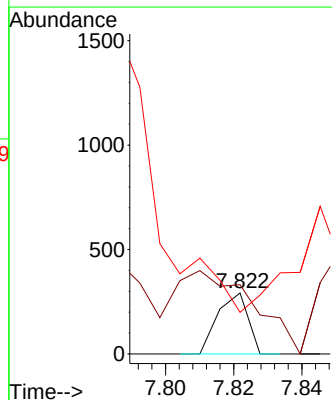
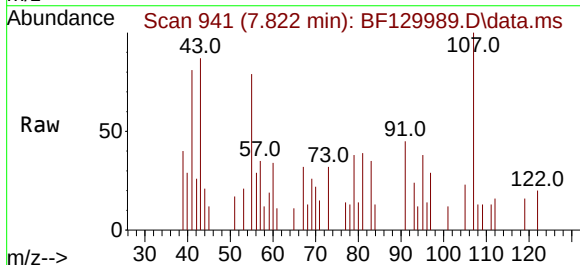


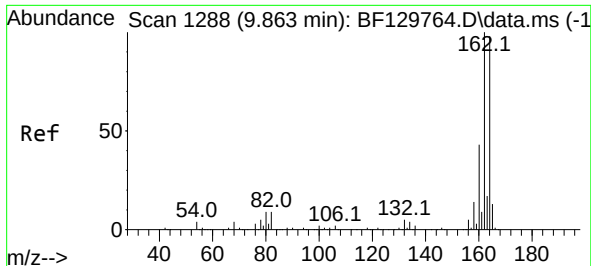
Tgt Ion:128 Resp: 105383
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 2.252 ng
RT: 7.822 min Scan# 941
Delta R.T. -0.053 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion:122 Resp: 179
Ion Ratio Lower Upper
122 100
105 113.7 99.9 139.9
77 68.2 65.9 105.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

Instrument :

BNA_F

ClientSampleId :

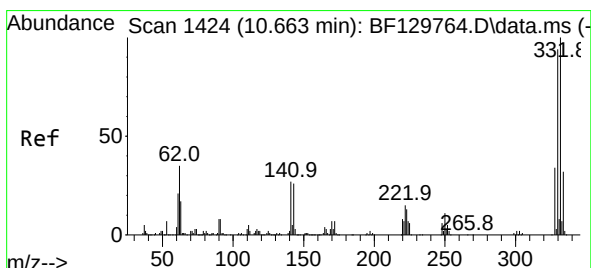
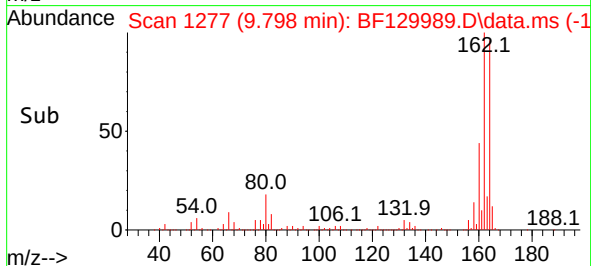
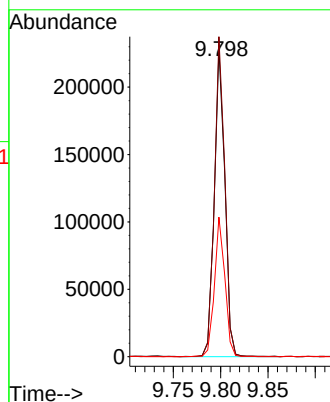
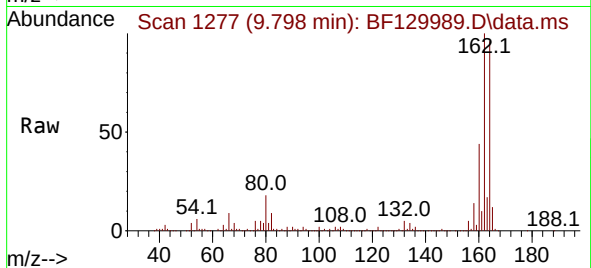
Tgt Ion:164 Resp: 176475

Ion Ratio Lower Upper

164 100

162 104.0 82.0 123.0

160 45.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 134.164 ng

RT: 10.598 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

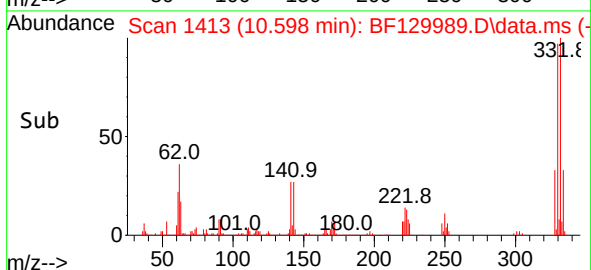
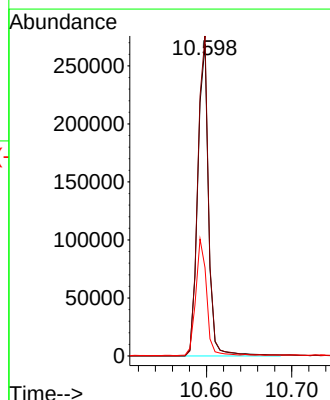
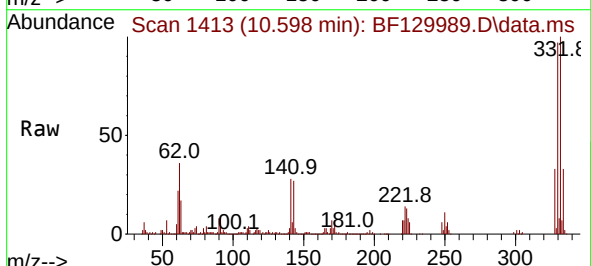
Tgt Ion:330 Resp: 237630

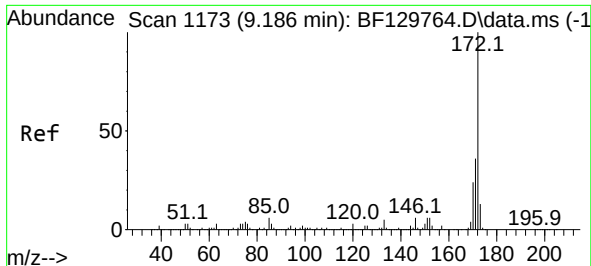
Ion Ratio Lower Upper

330 100

332 102.2 82.6 124.0

141 37.1 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 103.576 ng

RT: 9.122 min Scan# 1173

Delta R.T. -0.006 min

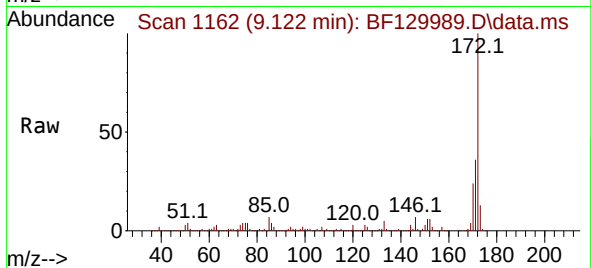
Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

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BNA_F

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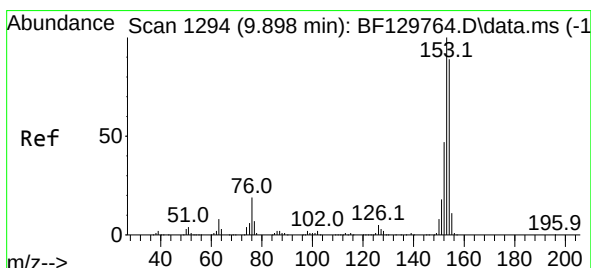
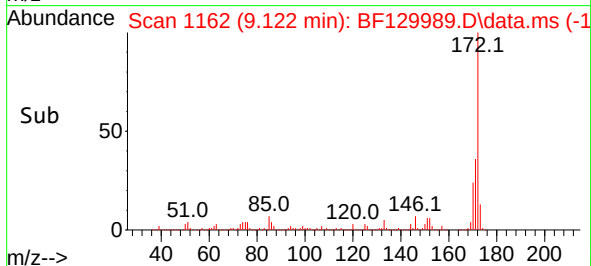
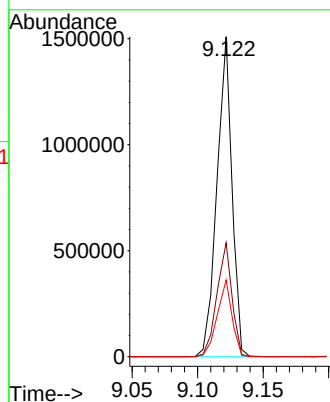
Tgt Ion:172 Resp: 1203489

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.0 19.1 28.7



#52

Acenaphthene

Concen: 4.982 ng

RT: 9.833 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

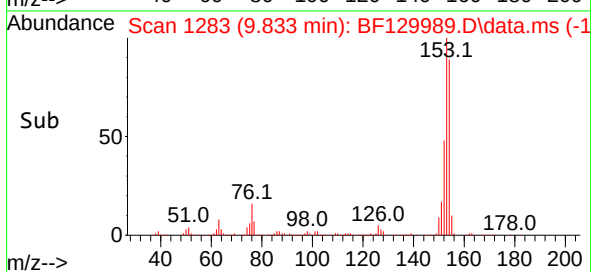
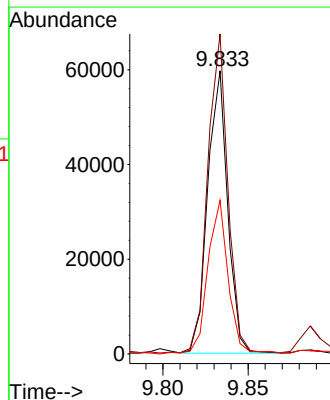
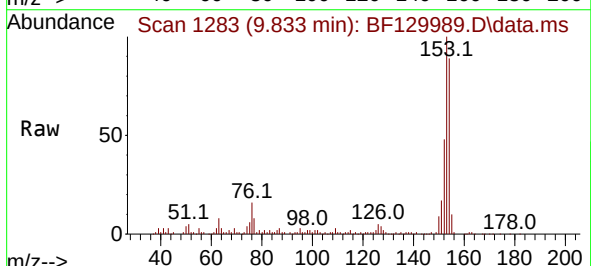
Tgt Ion:154 Resp: 48625

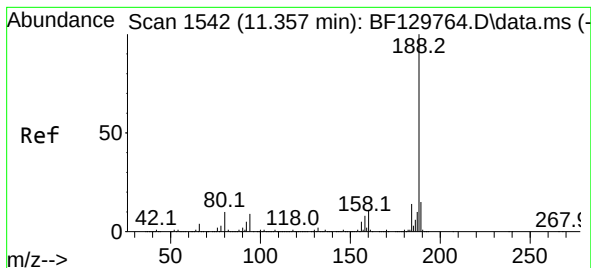
Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

152 54.2 42.1 63.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

Instrument :

BNA_F

ClientSampleId :

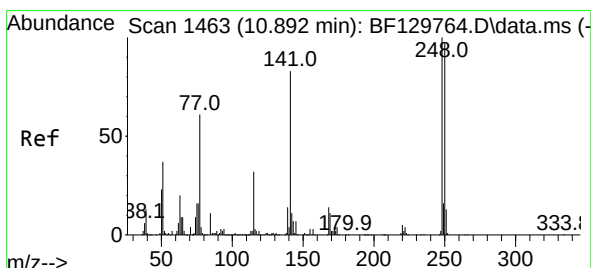
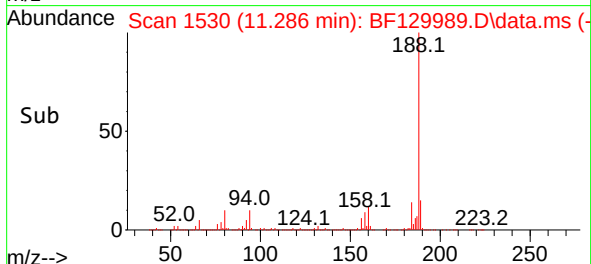
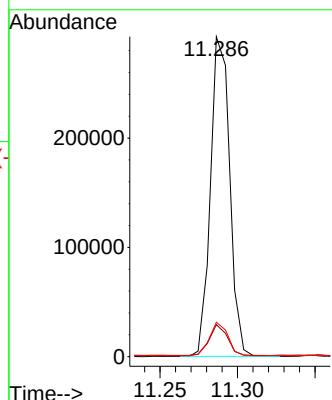
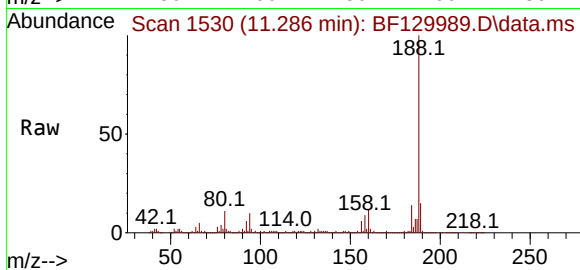
Tgt Ion:188 Resp: 252669

Ion Ratio Lower Upper

188 100

94 10.0 7.4 11.2

80 10.8 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.036 ng

RT: 10.592 min Scan# 1412

Delta R.T. -0.241 min

Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

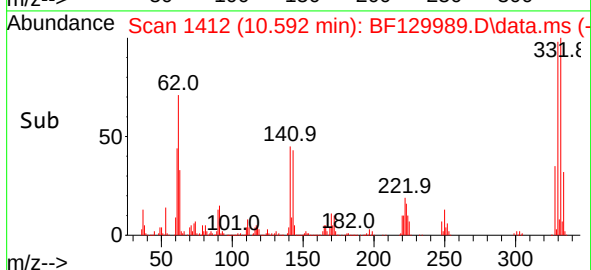
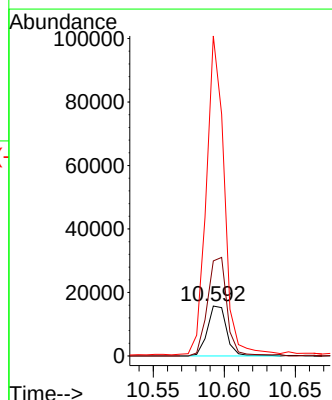
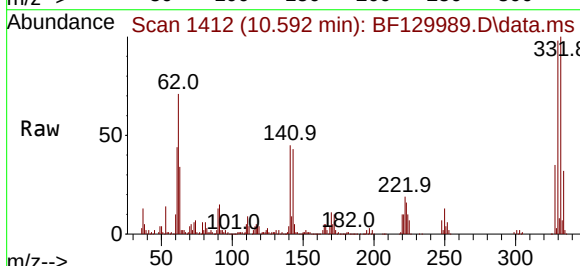
Tgt Ion:248 Resp: 14903

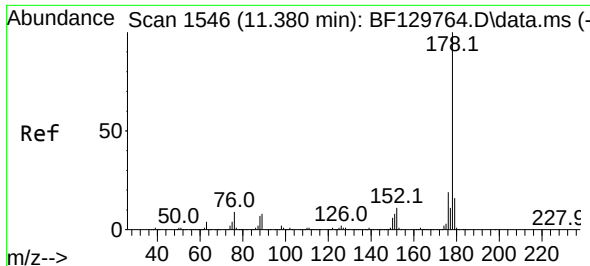
Ion Ratio Lower Upper

248 100

250 190.6 77.8 116.6#

141 641.6 66.2 99.2#

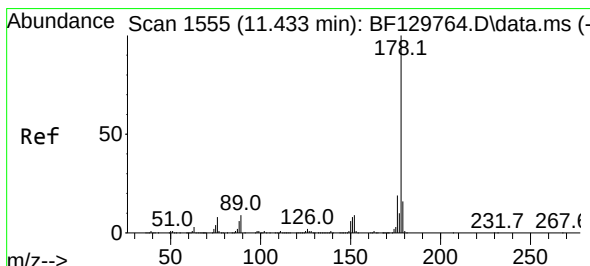
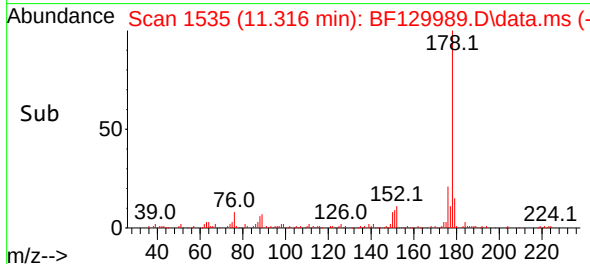
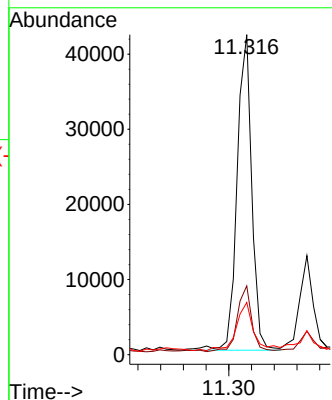
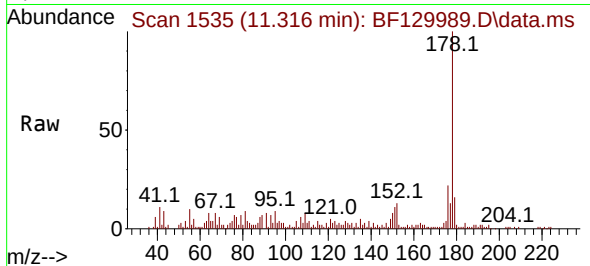




#71
Phenanthrene
Concen: 2.665 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

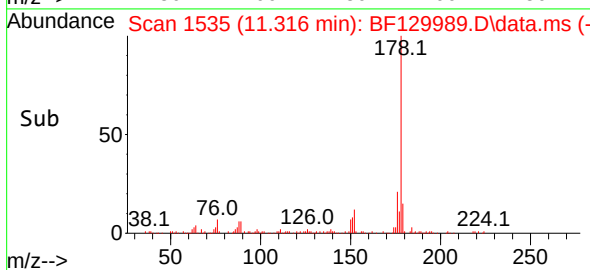
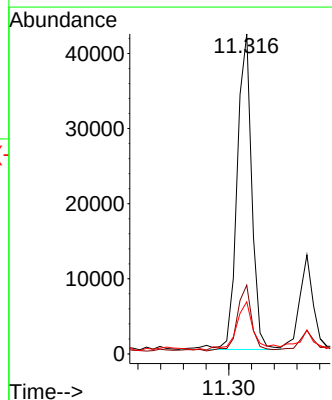
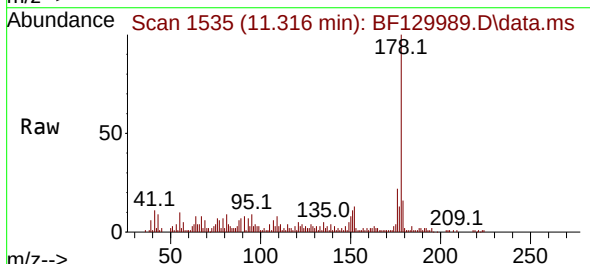
Instrument :
BNA_F
ClientSampleId :

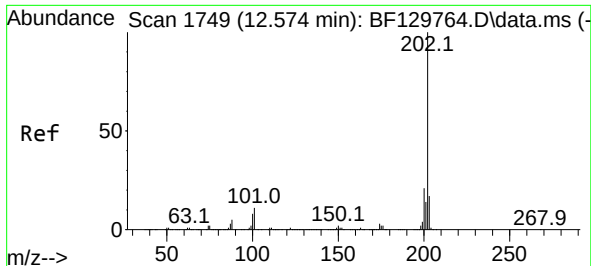
Tgt Ion:178 Resp: 37613
Ion Ratio Lower Upper
178 100
176 21.5 15.5 23.3
179 16.3 12.5 18.7



#72
Anthracene
Concen: 2.680 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.059 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

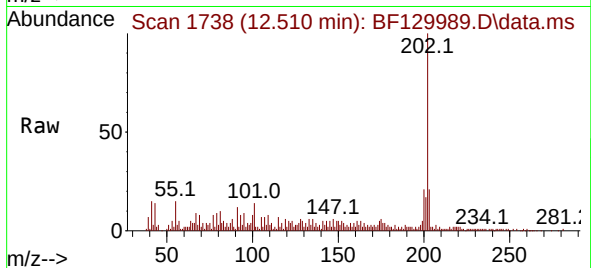
Tgt Ion:178 Resp: 37613
Ion Ratio Lower Upper
178 100
176 21.5 15.1 22.7
179 16.3 12.6 18.8



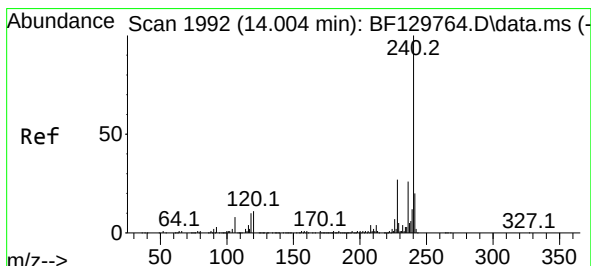
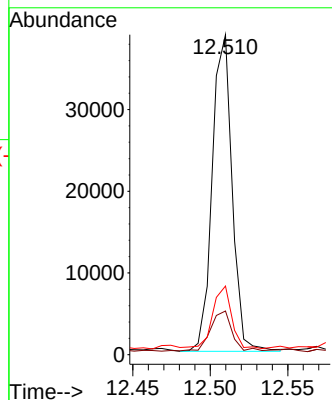
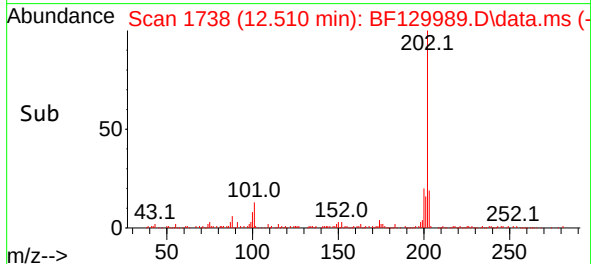


#75
Fluoranthene
Concen: 2.398 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Instrument :
BNA_F
ClientSampleId :

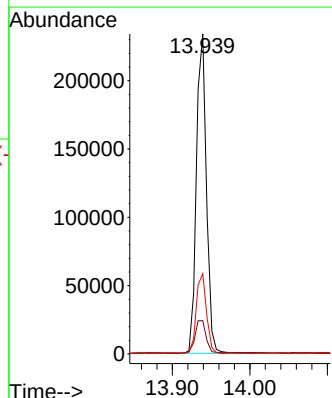
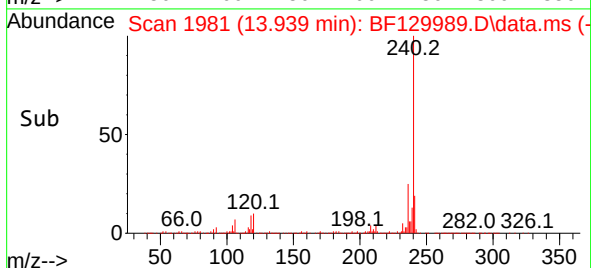
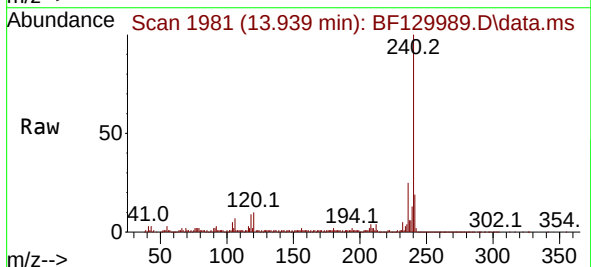


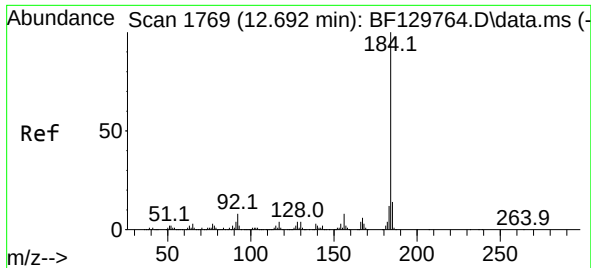
Tgt Ion:202 Resp: 34628
Ion Ratio Lower Upper
202 100
101 13.7 0.0 30.7
203 21.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion:240 Resp: 210985
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.1 20.7 31.1

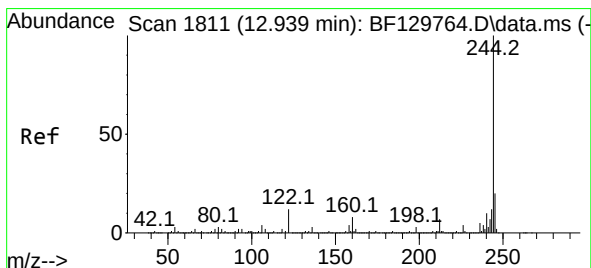
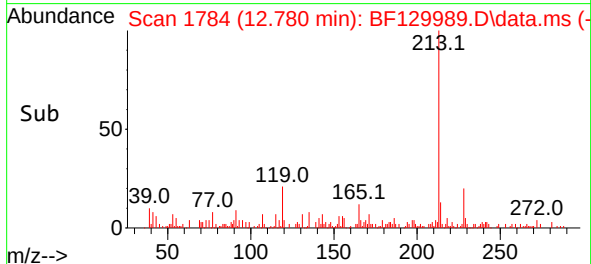
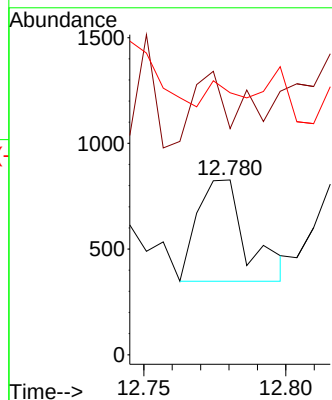
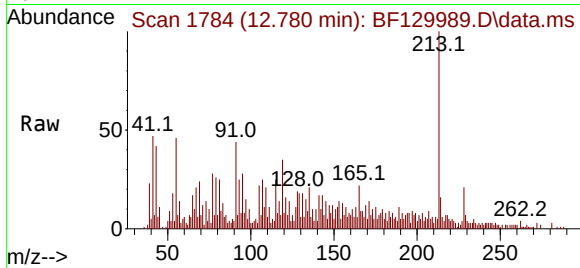




#77
Benzidine
Concen: Below Cal
RT: 12.780 min Scan# 11
Delta R.T. 0.147 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

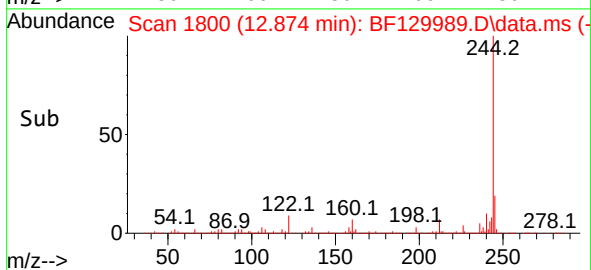
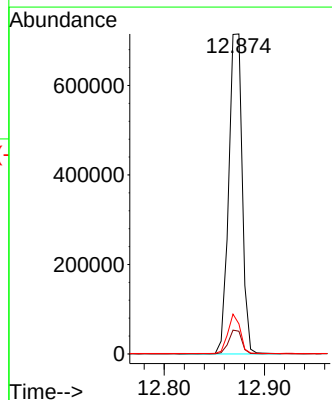
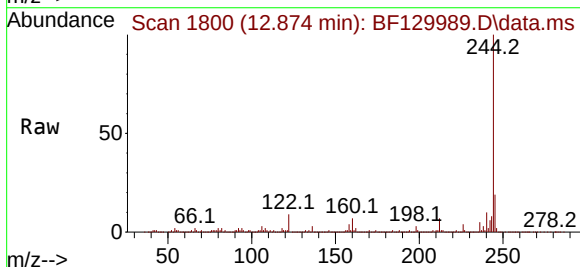
Instrument :
BNA_F
ClientSampleId :

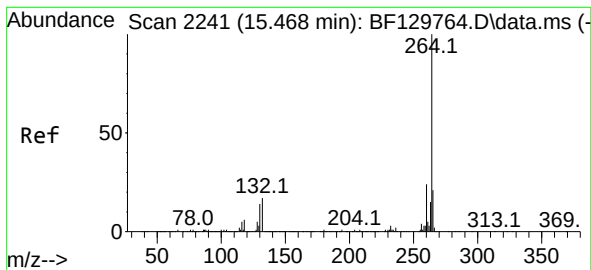
Tgt Ion:184 Resp: 579
Ion Ratio Lower Upper
184 100
185 129.4 11.4 17.2#
183 149.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 52.481 ng
RT: 12.874 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF129989.D
Acq: 25 Aug 2022 01:03

Tgt Ion:244 Resp: 665457
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.4 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.000 min

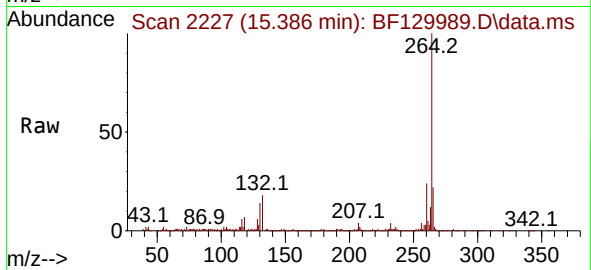
Lab File: BF129989.D

Acq: 25 Aug 2022 01:03

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 249681

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 21.8 16.7 25.1

