

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128434.D
 Acq On : 24 May 2022 14:50
 Operator : CG\JU
 Sample : N2981-23
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TGMP-4

Quant Time: May 25 03:55:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

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

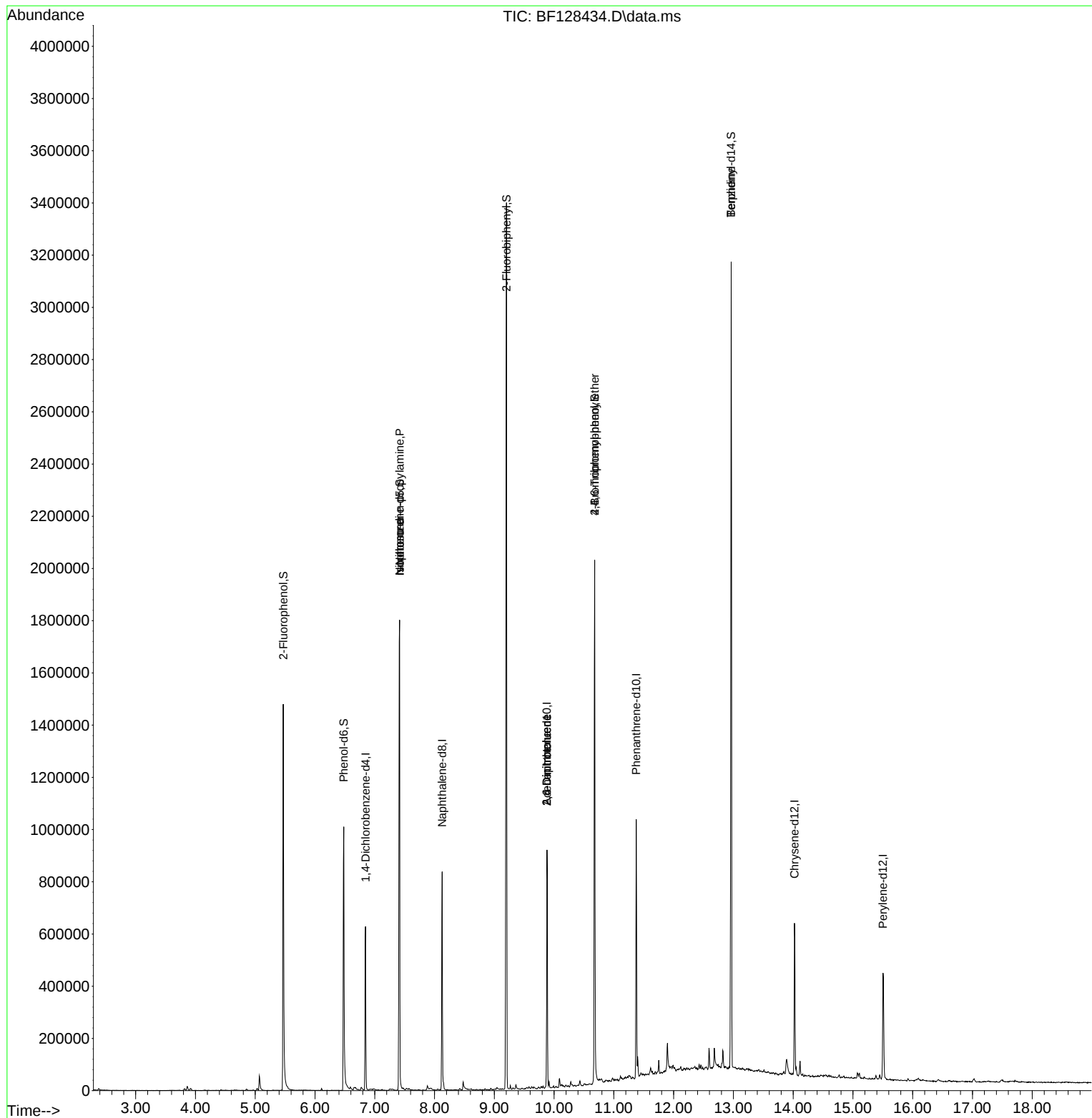
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	92350	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	351966	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	191182	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	343162	20.000	ng	0.00
76) Chrysene-d12	14.021	240	201200	20.000	ng	#-0.01
86) Perylene-d12	15.504	264	194644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	405727	69.915	ng	0.00
7) Phenol-d6	6.481	99	360075	47.121	ng	-0.01
23) Nitrobenzene-d5	7.416	82	663278	84.435	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	237124	120.266	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1030657	88.160	ng	0.00
79) Terphenyl-d14	12.963	244	1082208	103.833	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	731	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.416	70	88476	19.359	ng	# 76
25) Isophorone	7.416	82	663269	55.097	ng	# 68
51) 2,6-Dinitrotoluene	9.881	165	25090	9.420	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	25090	7.477	ng	# 26
67) 4-Bromophenyl-phenylether	10.681	248	14503	4.038	ng	# 1
77) Benzidine	12.963	184	16526	3.949	ng	# 95

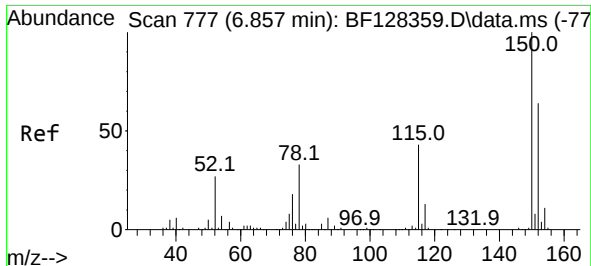
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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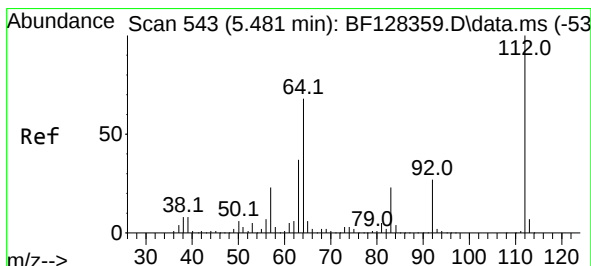
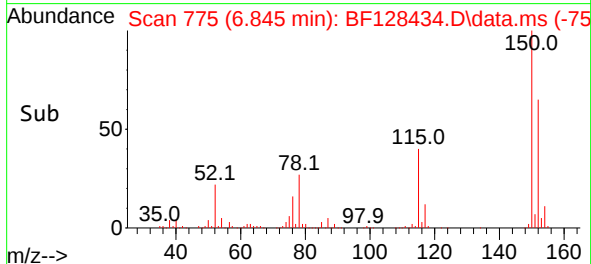
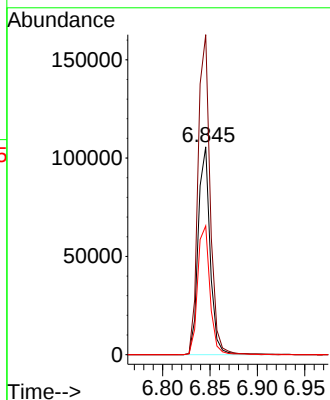
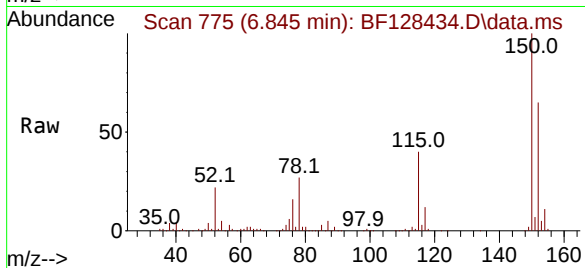




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128434.D
 Acq: 24 May 2022 14:50

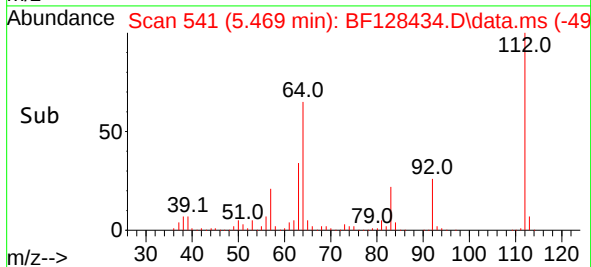
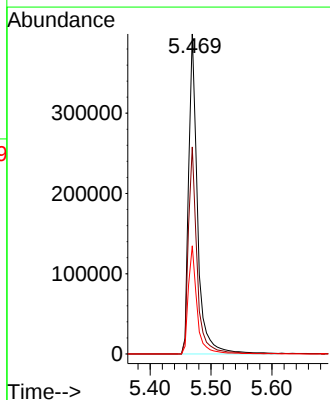
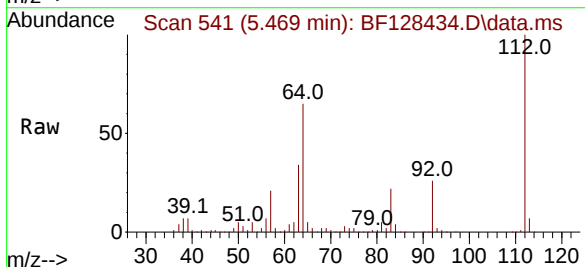
Instrument :
 BNA_F
 ClientSampleId :
 TGMP-4

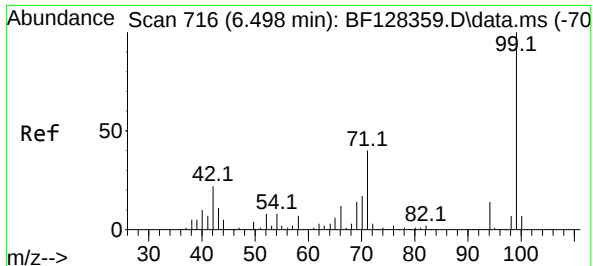
Tgt Ion:152 Resp: 92350
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.3 187.9
 115 62.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 69.915 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.000 min
 Lab File: BF128434.D
 Acq: 24 May 2022 14:50

Tgt Ion:112 Resp: 405727
 Ion Ratio Lower Upper
 112 100
 64 64.7 49.5 74.3
 63 33.8 26.3 39.5

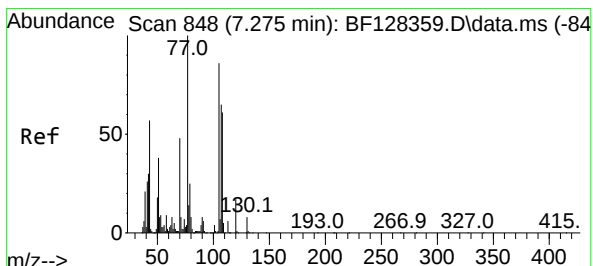
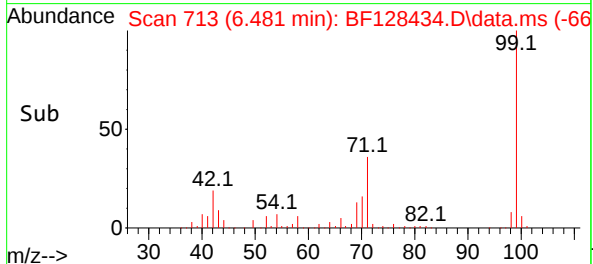
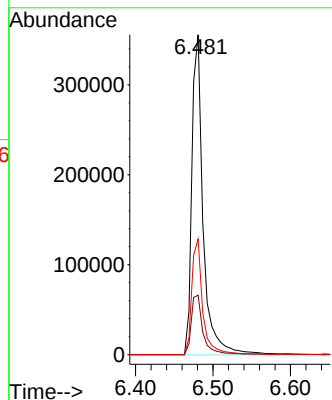
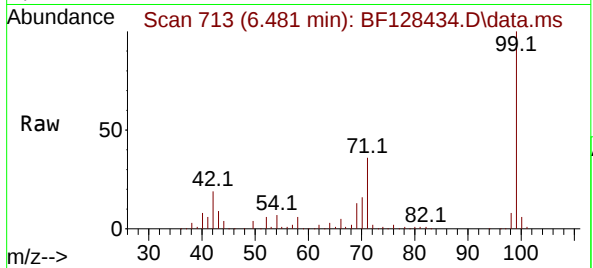




#7
Phenol-d6
Concen: 47.121 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

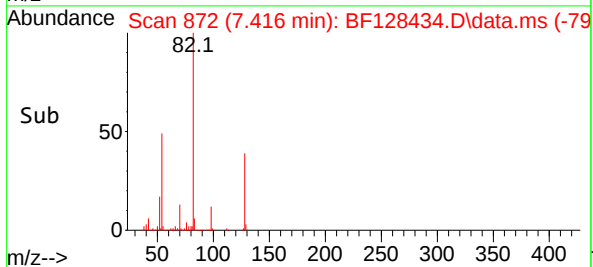
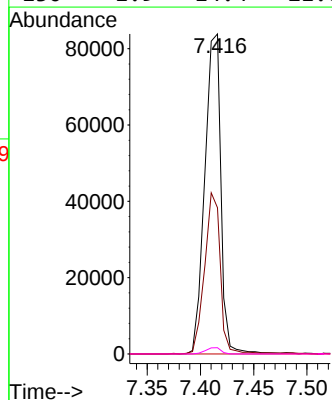
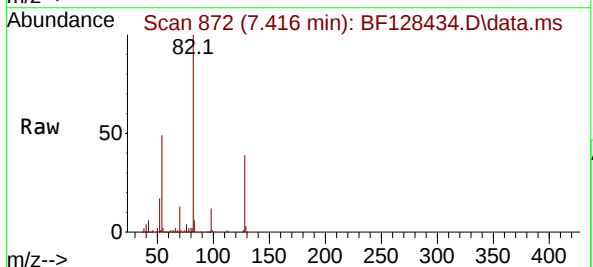
Instrument :
BNA_F
ClientSampleId :
TGMP-4

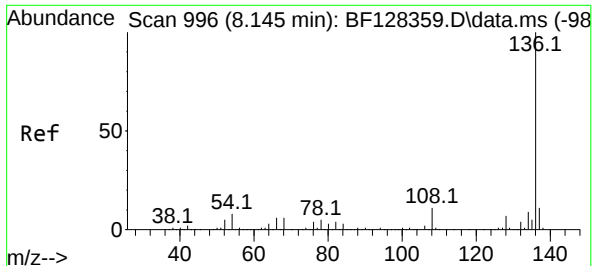
Tgt Ion: 99 Resp: 360075
Ion Ratio Lower Upper
99 100
42 18.6 16.6 24.8
71 36.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.359 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion: 70 Resp: 88476
Ion Ratio Lower Upper
70 100
42 45.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

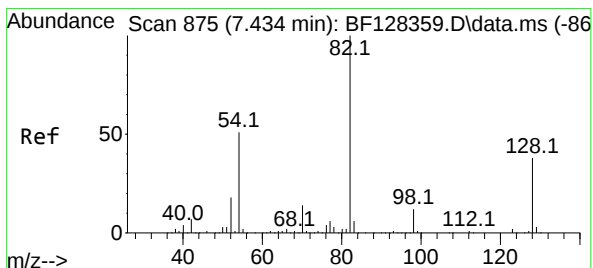
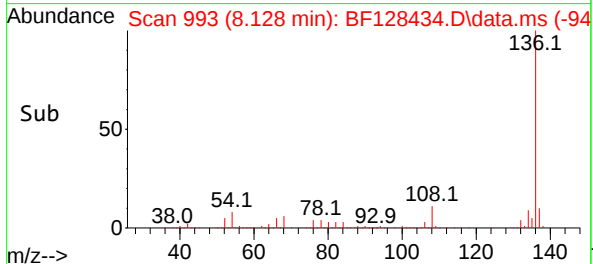
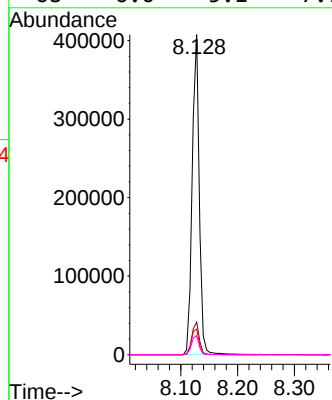
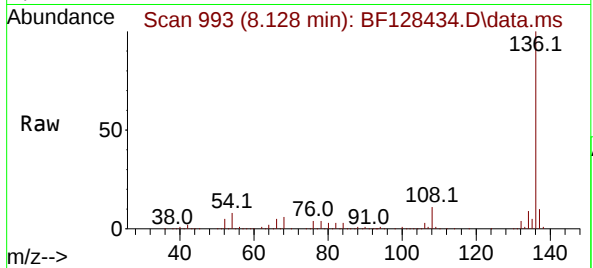




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

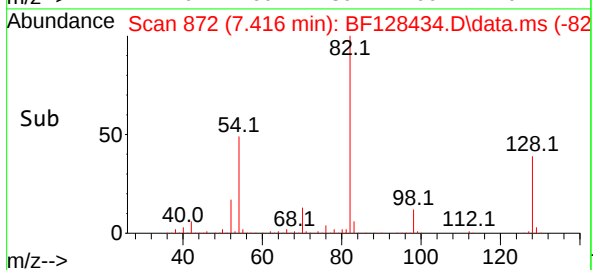
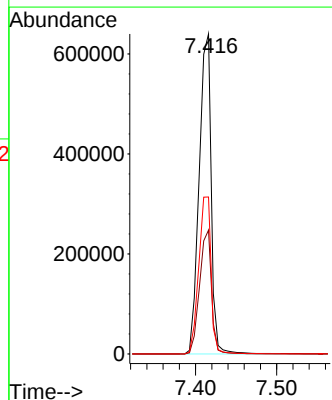
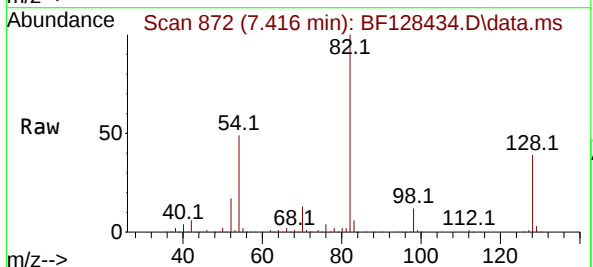
Instrument :
BNA_F
ClientSampleId :
TGMP-4

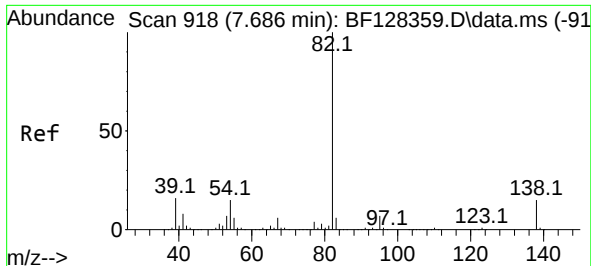
Tgt Ion:136	Resp: 351966
Ion Ratio	Lower Upper
136 100	
137 10.2	8.6 13.0
54 8.0	6.8 10.2
68 6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 84.435 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion: 82	Resp: 663278
Ion Ratio	Lower Upper
82 100	
128 38.7	30.0 45.0
54 49.0	41.3 61.9

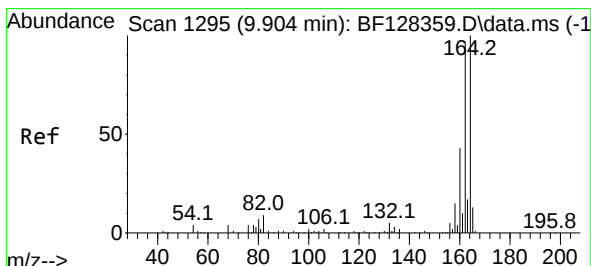
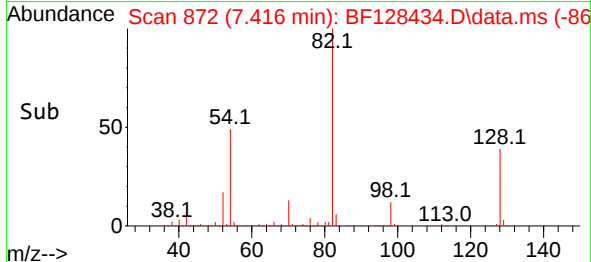
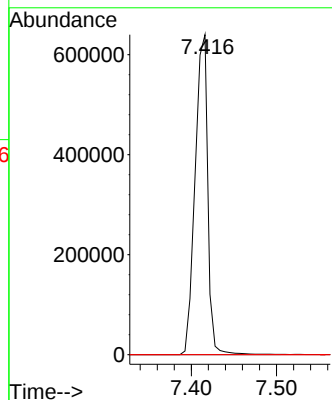
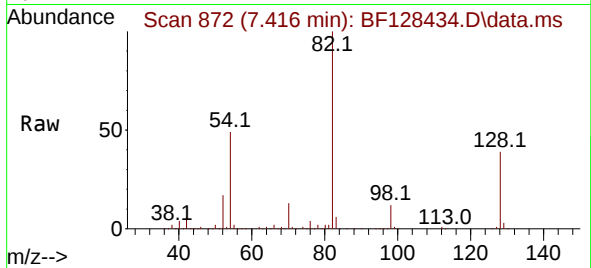




#25
Isophorone
Concen: 55.097 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

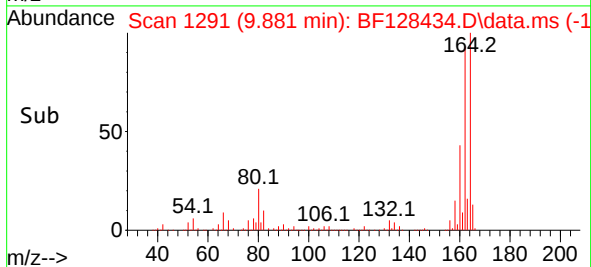
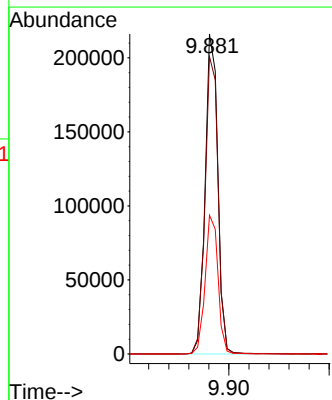
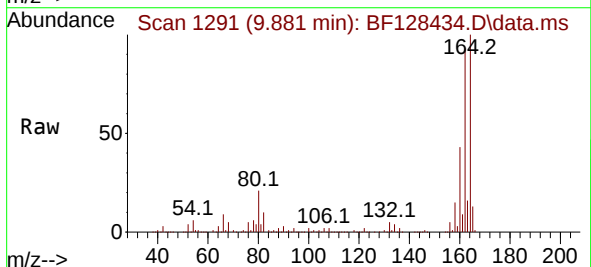
Instrument :
BNA_F
ClientSampleId :
TGMP-4

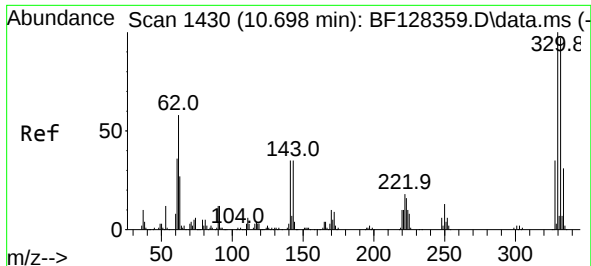
Tgt Ion: 82 Resp: 663269
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion:164 Resp: 191182
Ion Ratio Lower Upper
164 100
162 93.0 76.0 114.0
160 43.4 34.8 52.2

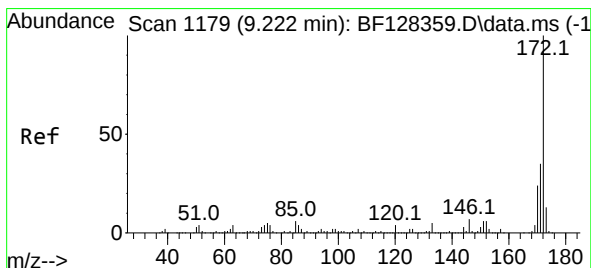
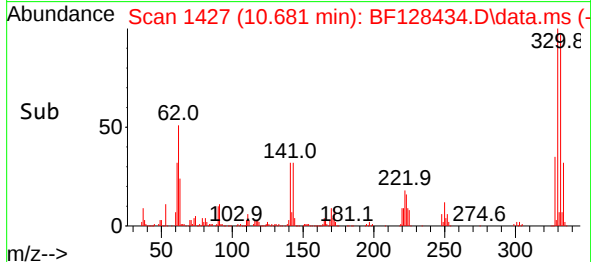
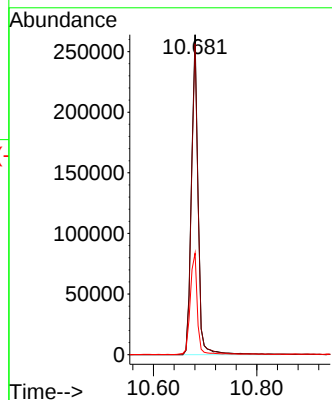
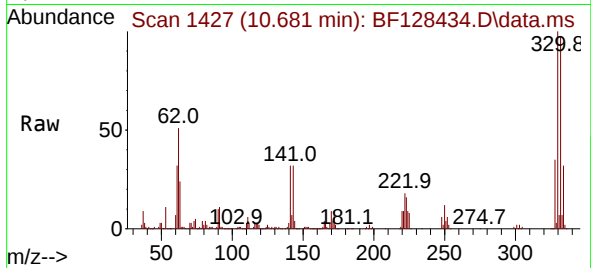




#42
2,4,6-Tribromophenol
Concen: 120.266 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

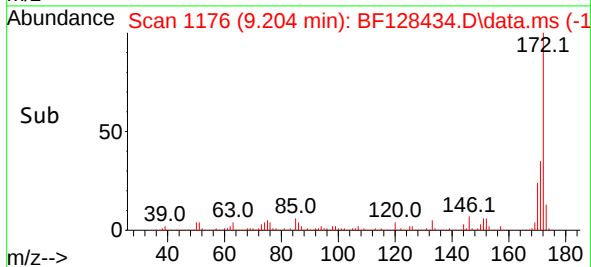
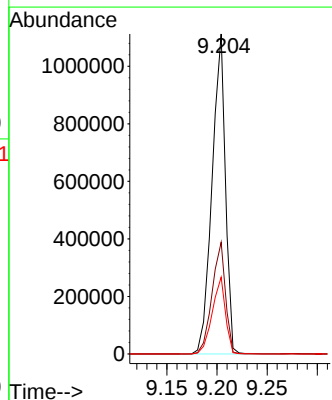
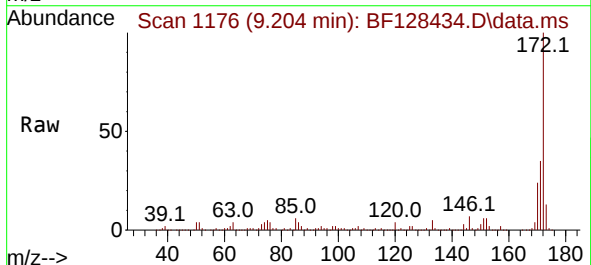
Instrument :
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ClientSampleId :
TGMP-4

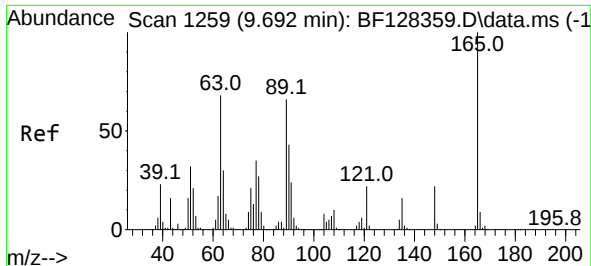
Tgt Ion:330 Resp: 237124
Ion Ratio Lower Upper
330 100
332 96.8 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 88.160 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion:172 Resp: 1030657
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 24.0 19.1 28.7

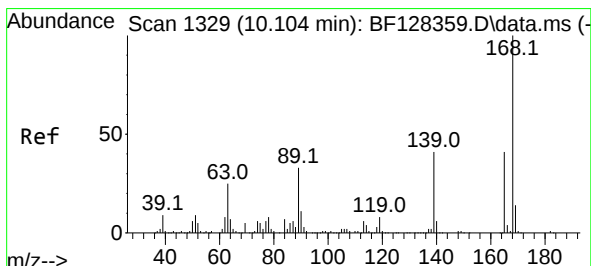
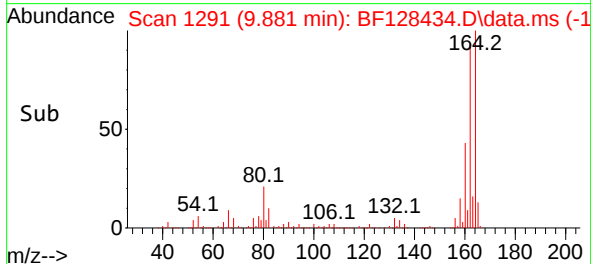
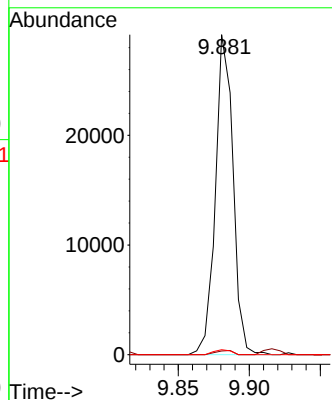
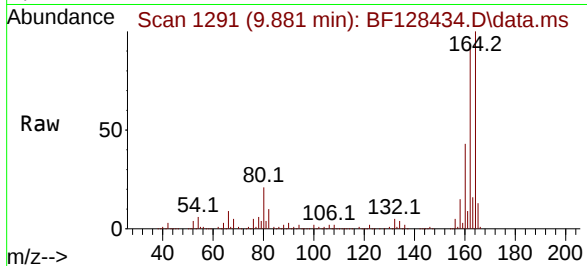




#51
2,6-Dinitrotoluene
Concen: 9.420 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

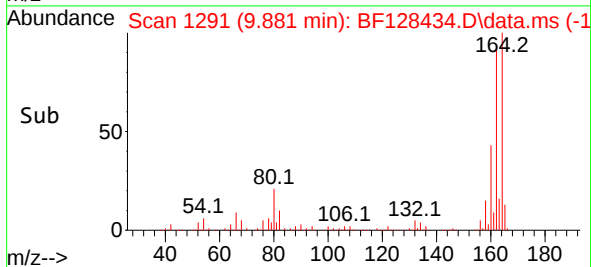
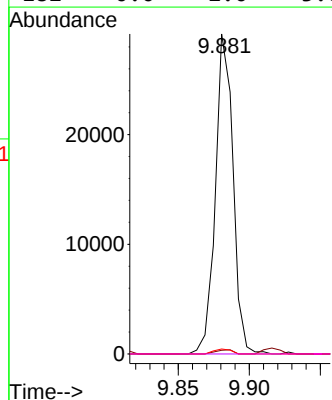
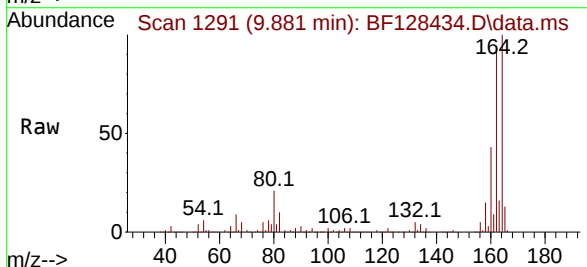
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BNA_F
ClientSampleId :
TGMP-4

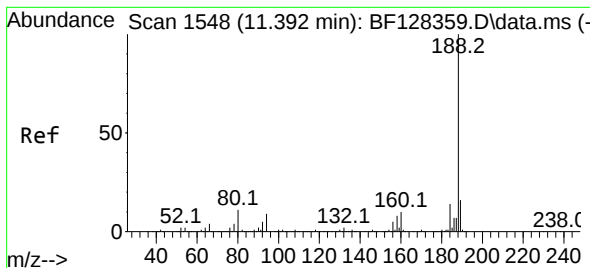
Tgt Ion:165 Resp: 25090
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.477 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.212 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion:165 Resp: 25090
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128434.D

Acq: 24 May 2022 14:50

Instrument :

BNA_F

ClientSampleId :

TGMP-4

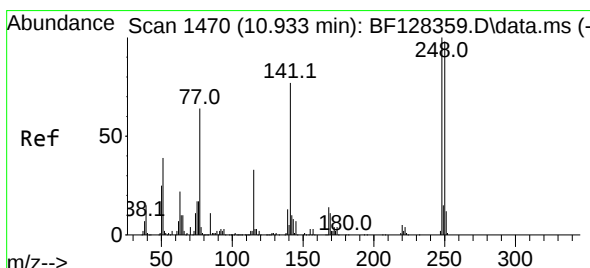
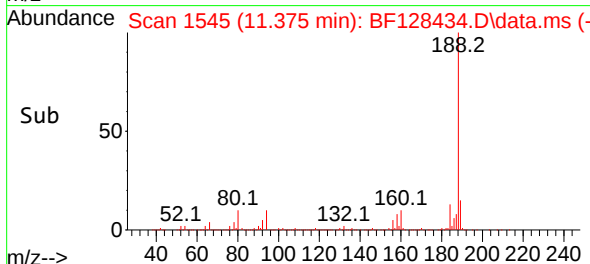
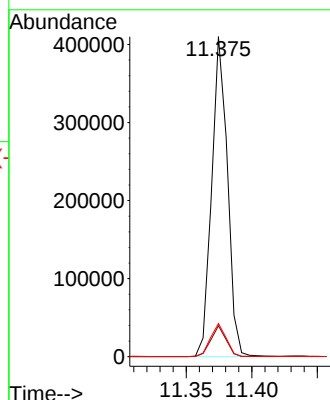
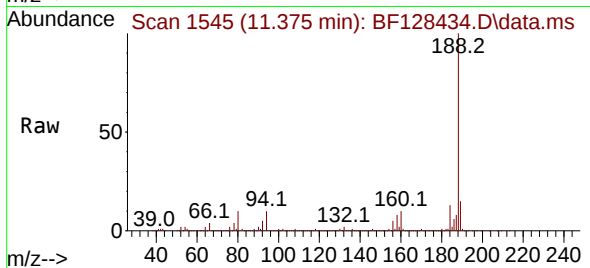
Tgt Ion:188 Resp: 343162

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 10.3 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.038 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.235 min

Lab File: BF128434.D

Acq: 24 May 2022 14:50

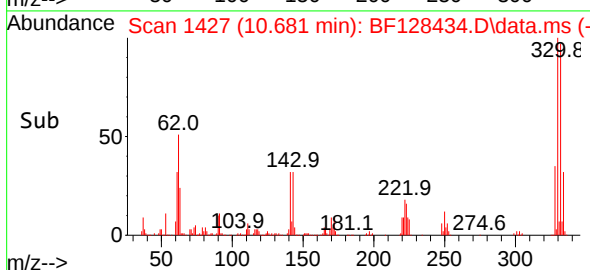
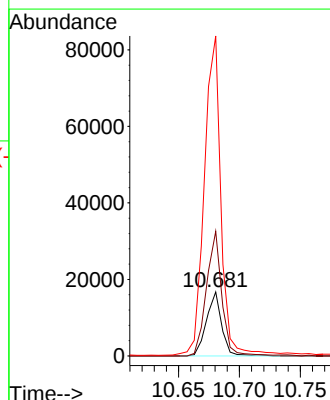
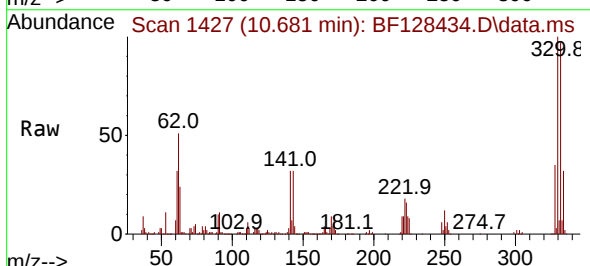
Tgt Ion:248 Resp: 14503

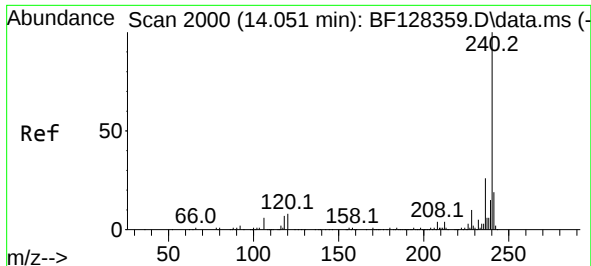
Ion Ratio Lower Upper

248 100

250 194.6 77.7 116.5#

141 500.0 65.6 98.4#

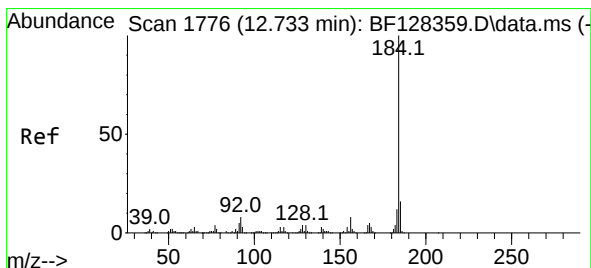
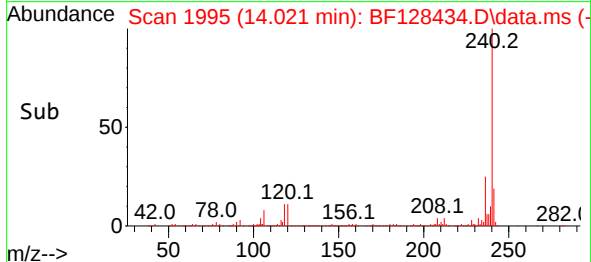
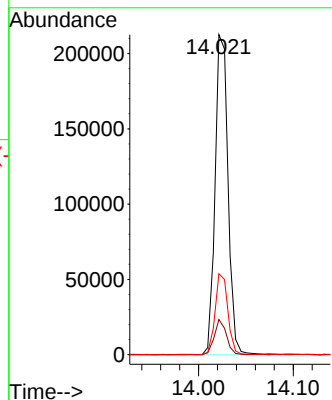
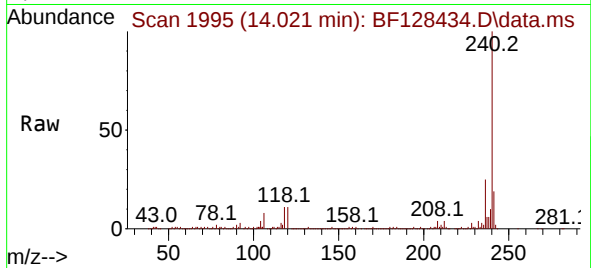




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

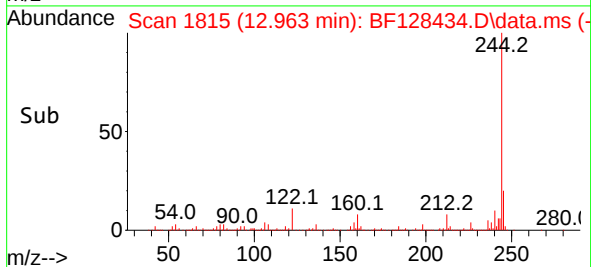
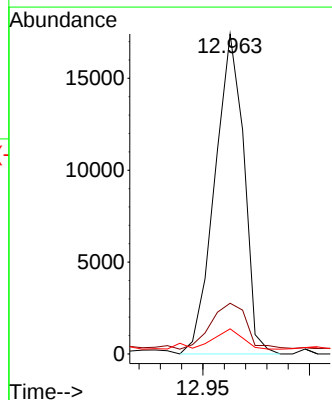
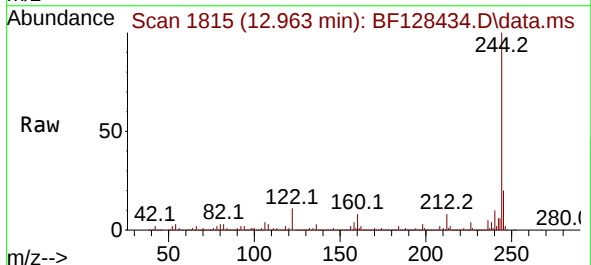
Instrument :
BNA_F
ClientSampleId :
TGMP-4

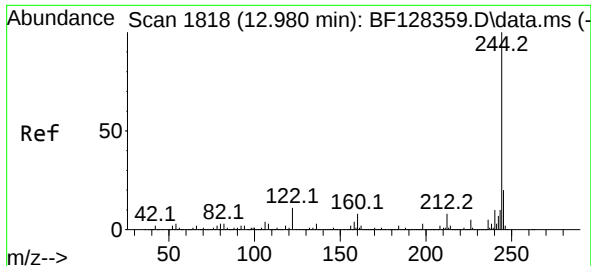
Tgt Ion:240 Resp: 201200
Ion Ratio Lower Upper
240 100
120 11.0 7.0 10.6#
236 25.3 20.3 30.5



#77
Benzidine
Concen: 3.949 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF128434.D
Acq: 24 May 2022 14:50

Tgt Ion:184 Resp: 16526
Ion Ratio Lower Upper
184 100
185 15.8 12.1 18.1
183 7.9 9.0 13.4#

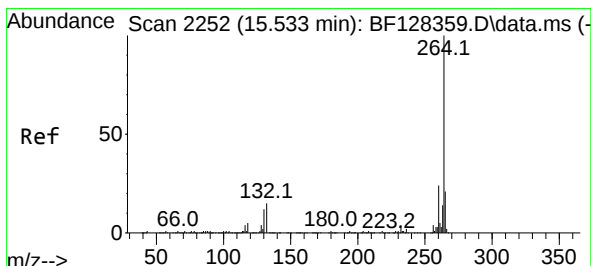
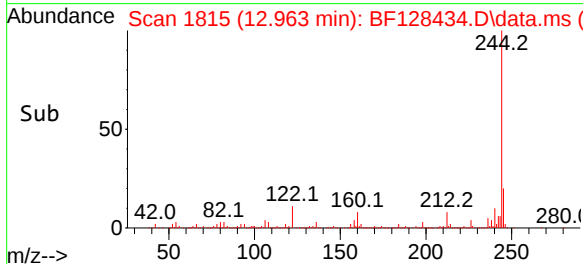
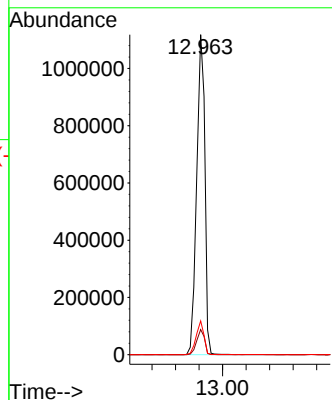
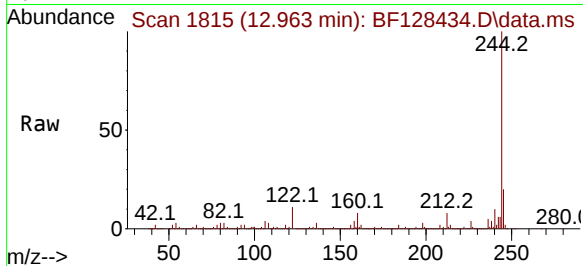




#79
 Terphenyl-d14
 Concen: 103.833 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128434.D
 Acq: 24 May 2022 14:50

Instrument :
 BNA_F
 ClientSampleId :
 TGMP-4

Tgt Ion:244 Resp: 1082208
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF128434.D
 Acq: 24 May 2022 14:50

Tgt Ion:264 Resp: 194644
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.7 17.5 26.3

