

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020322\
 Data File : BF126789.D
 Acq On : 03 Feb 2022 10:00
 Operator : CG/JU
 Sample : PB142428BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142428BL

Quant Time: Feb 03 11:32:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

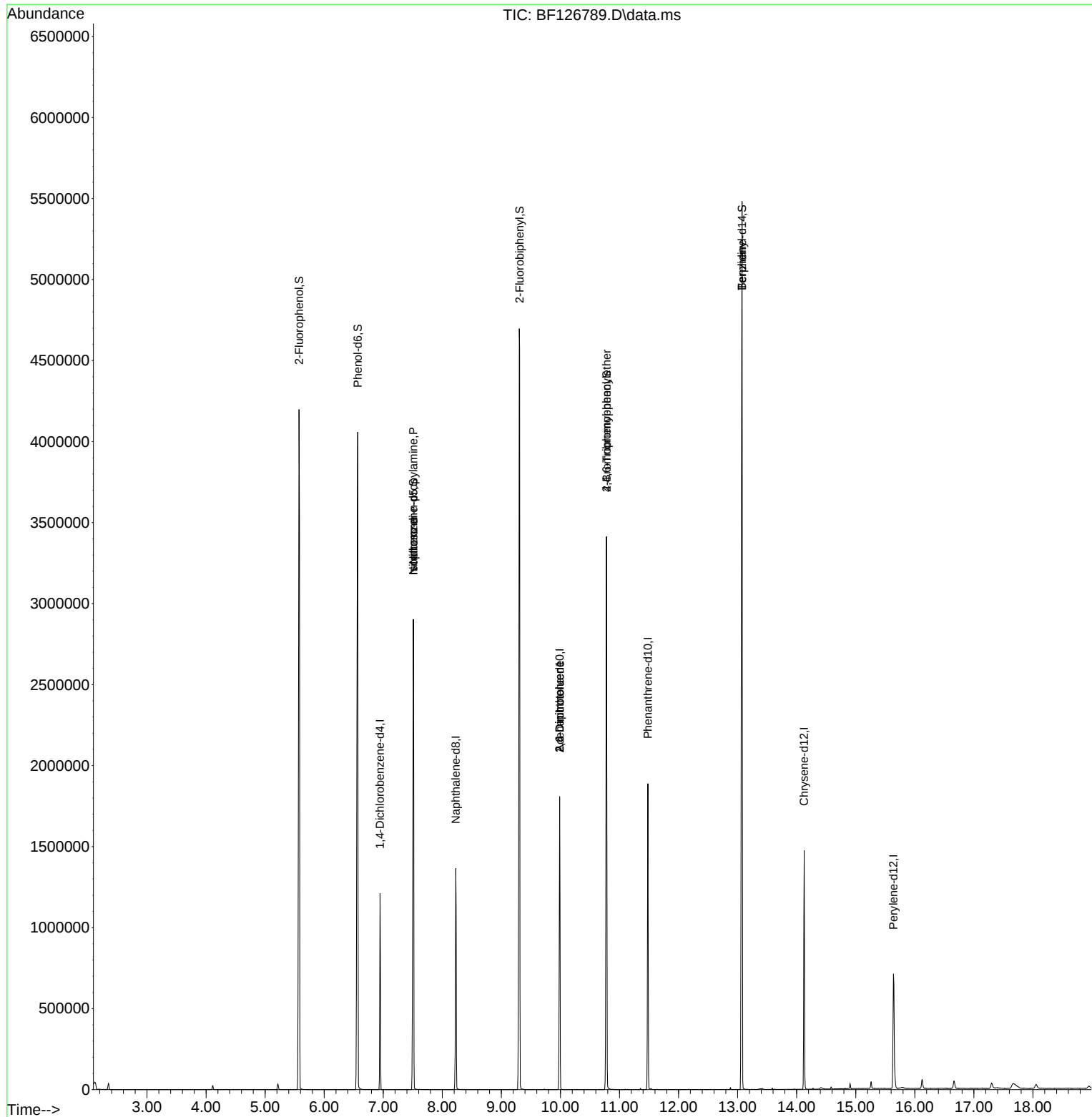
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	153188	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	605878	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	339354	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	615464	20.000	ng	0.00
76) Chrysene-d12	14.127	240	471245	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	326174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1344903	120.249	ng	0.01
7) Phenol-d6	6.569	99	1789704	115.682	ng	0.00
23) Nitrobenzene-d5	7.510	82	1305306	80.629	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	429968	122.083	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1679654	81.956	ng	0.00
79) Terphenyl-d14	13.074	244	2062080	73.200	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	171542	16.839	ng	# 68
25) Isophorone	7.510	82	1299111	46.757	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	43976	9.127	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	43976	6.734	ng	# 15
67) 4-Bromophenyl-phenylether	10.780	248	27274	3.872	ng	# 1
77) Benzidine	13.074	184	25675	2.375	ng	98

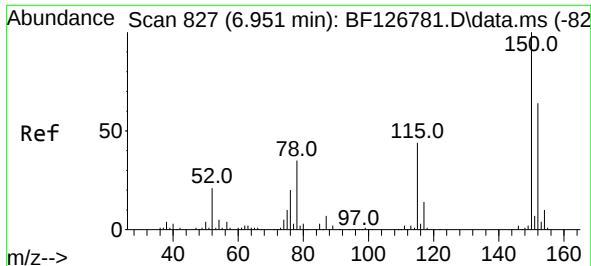
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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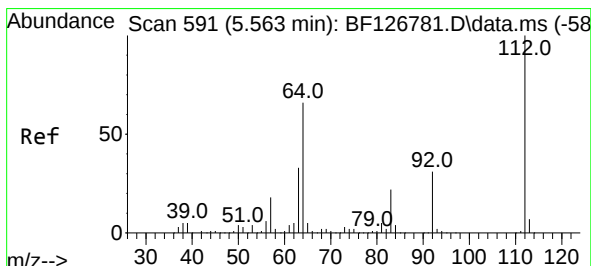
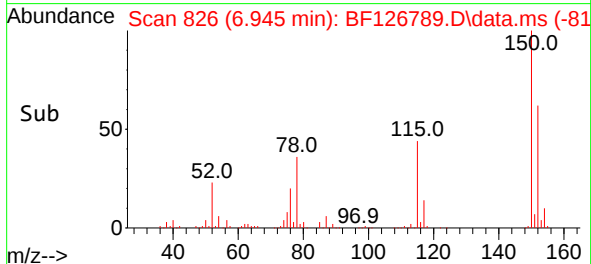
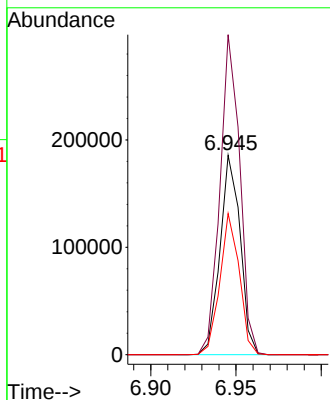
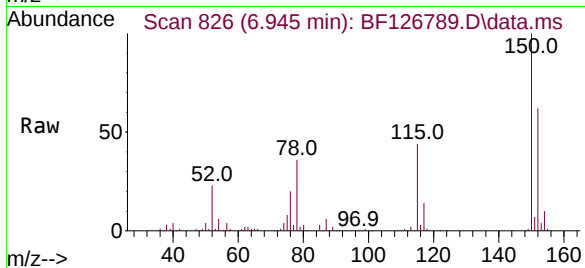




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126789.D
Acq: 03 Feb 2022 10:00

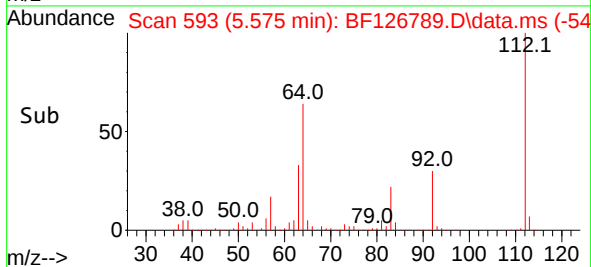
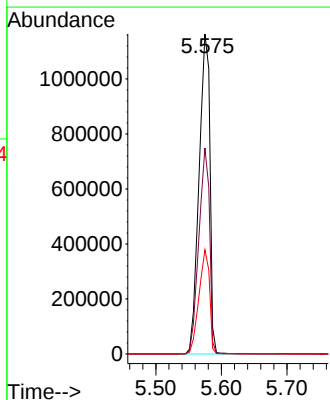
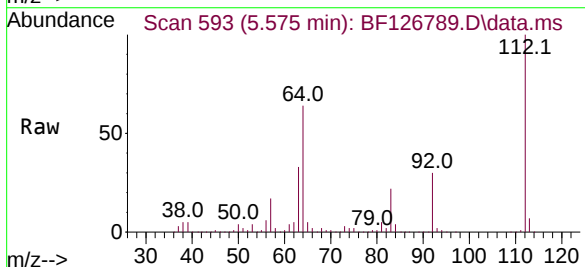
Instrument :
BNA_F
ClientSampleId :
PB142428BL

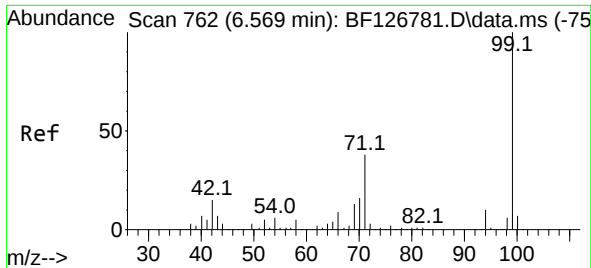
Tgt Ion:152 Resp: 153188
Ion Ratio Lower Upper
152 100
150 160.5 128.1 192.1
115 70.8 56.7 85.1



#5
2-Fluorophenol
Concen: 120.249 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF126789.D
Acq: 03 Feb 2022 10:00

Tgt Ion:112 Resp: 1344903
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 32.6 23.9 35.9

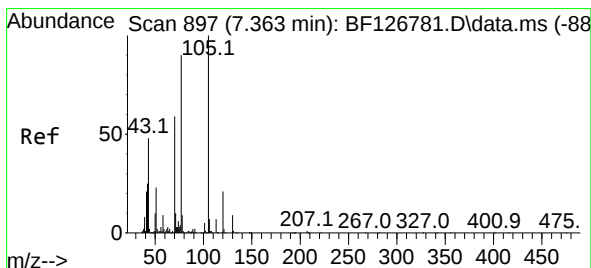
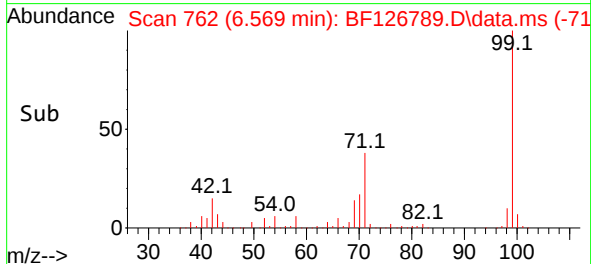
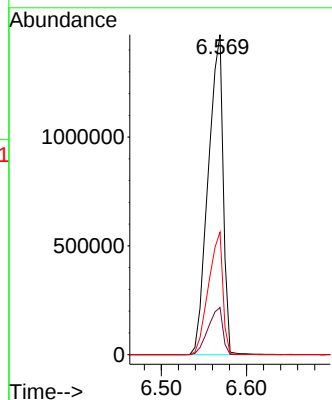
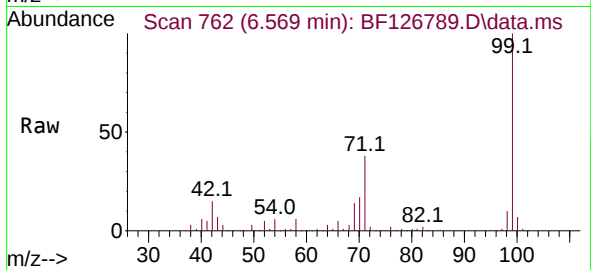




#7
Phenol-d6
Concen: 115.682 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126789.D
Acq: 03 Feb 2022 10:00

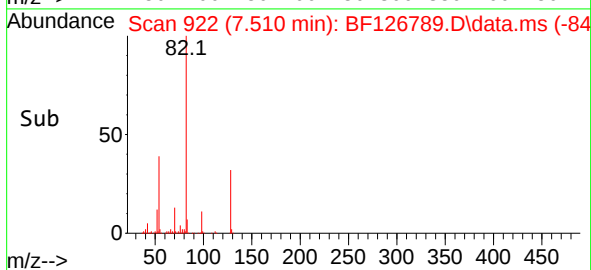
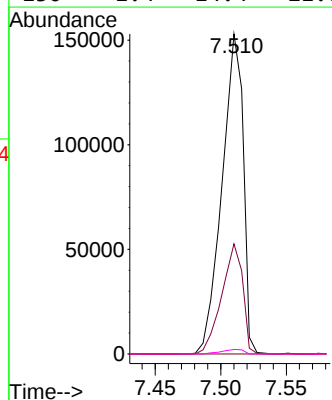
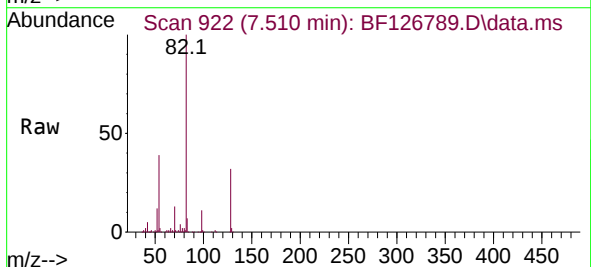
Instrument :
BNA_F
ClientSampleId :
PB142428BL

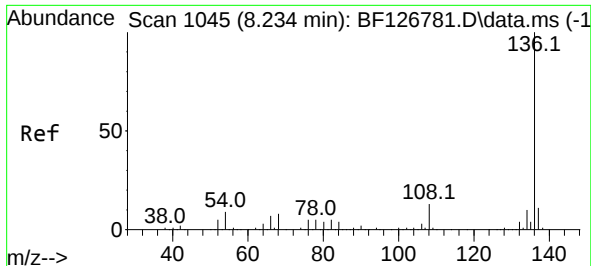
Tgt Ion: 99 Resp: 1789704
Ion Ratio Lower Upper
99 100
42 14.7 14.2 21.4
71 38.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.839 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126789.D
Acq: 03 Feb 2022 10:00

Tgt Ion: 70 Resp: 171542
Ion Ratio Lower Upper
70 100
42 34.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#





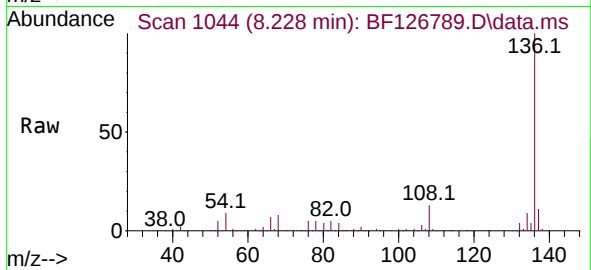
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126789.D
Acq: 03 Feb 2022 10:00

Instrument :

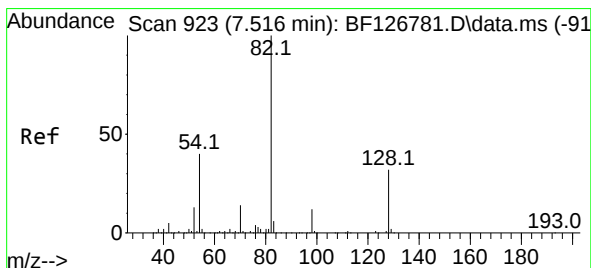
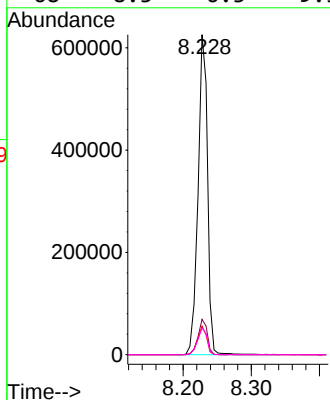
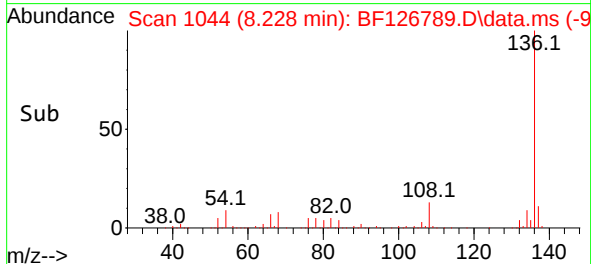
BNA_F

ClientSampleId :

PB142428BL

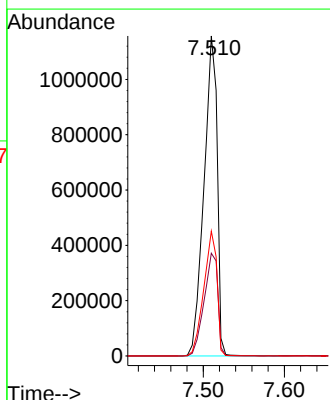
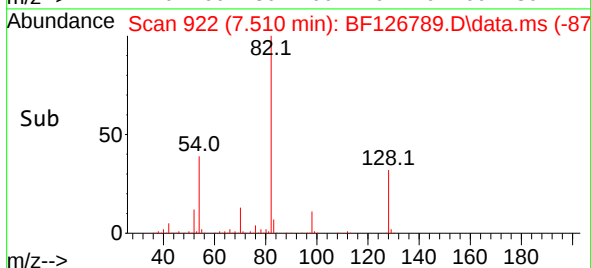
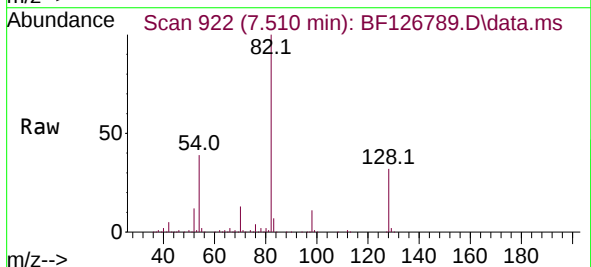


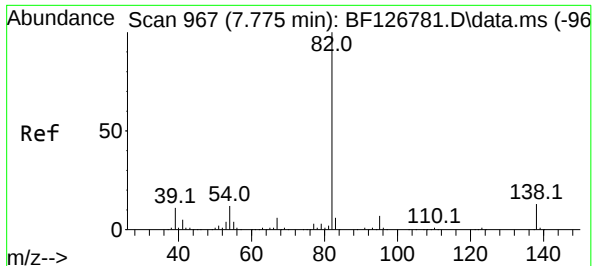
Tgt Ion:136 Resp: 605878
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 7.8 11.6
68 8.3 6.3 9.5



#23
Nitrobenzene-d5
Concen: 80.629 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126789.D
Acq: 03 Feb 2022 10:00

Tgt Ion: 82 Resp: 1305306
Ion Ratio Lower Upper
82 100
128 32.1 32.7 49.1#
54 39.0 41.7 62.5#

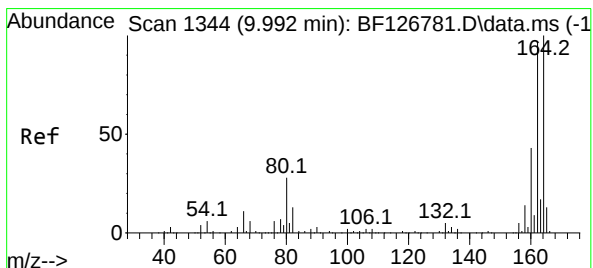
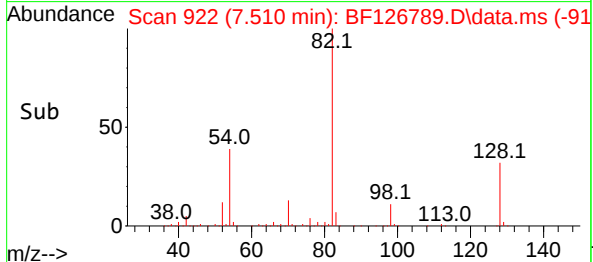
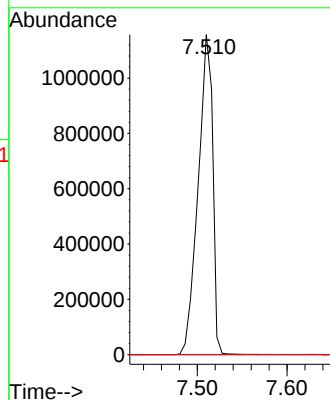
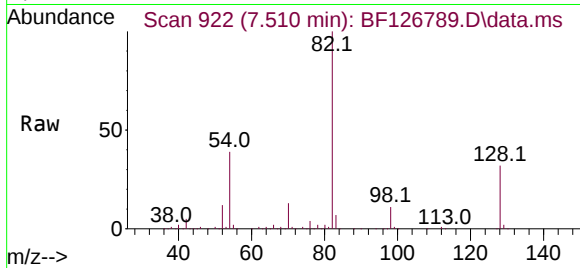




#25
Isophorone
Concen: 46.757 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126789.D
Acq: 03 Feb 2022 10:00

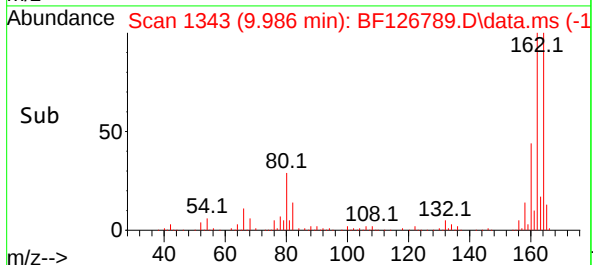
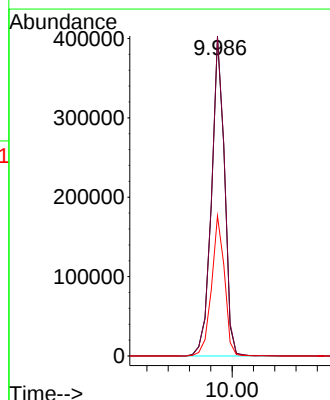
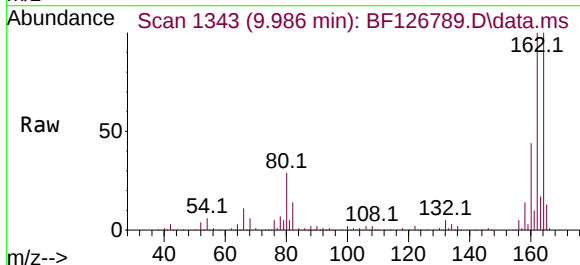
Instrument :
BNA_F
ClientSampleId :
PB142428BL

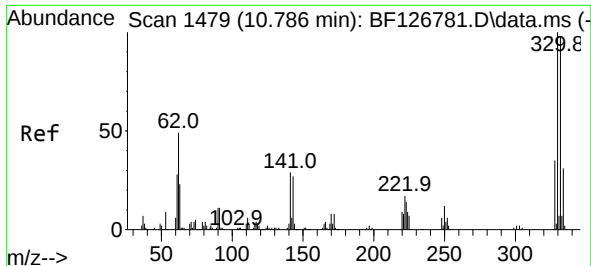
Tgt Ion: 82 Resp: 1299111
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126789.D
Acq: 03 Feb 2022 10:00

Tgt Ion: 164 Resp: 339354
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 122.083 ng

RT: 10.780 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

Instrument :

BNA_F

ClientSampleId :

PB142428BL

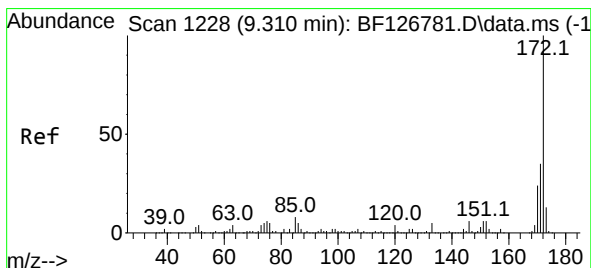
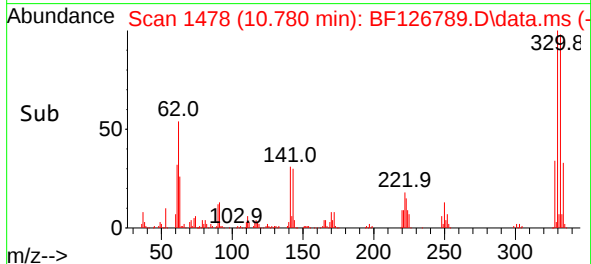
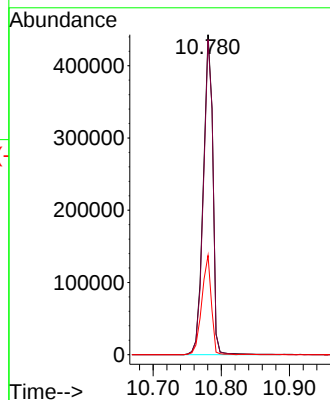
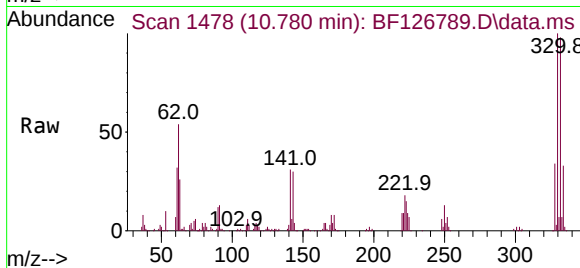
Tgt Ion:330 Resp: 429968

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 30.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 81.956 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

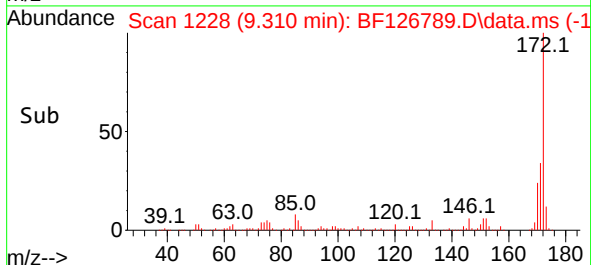
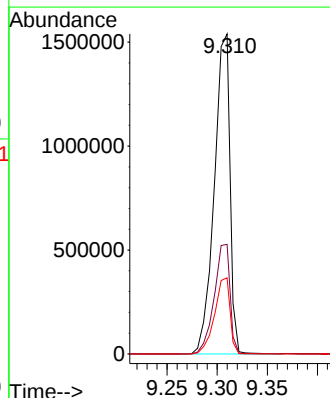
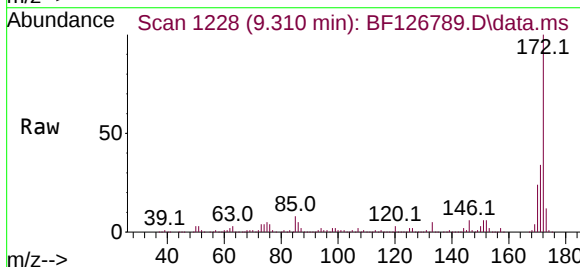
Tgt Ion:172 Resp: 1679654

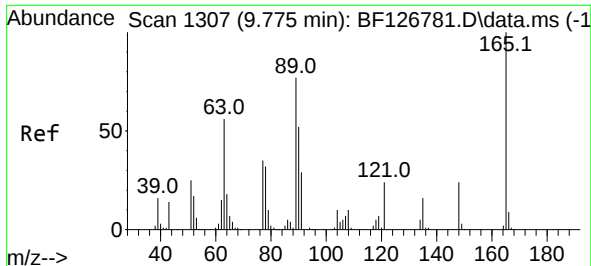
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.127 ng

RT: 9.986 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

Instrument :

BNA_F

ClientSampleId :

PB142428BL

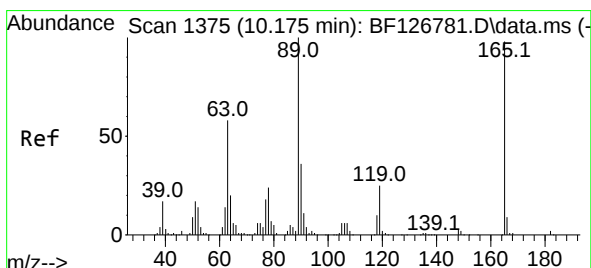
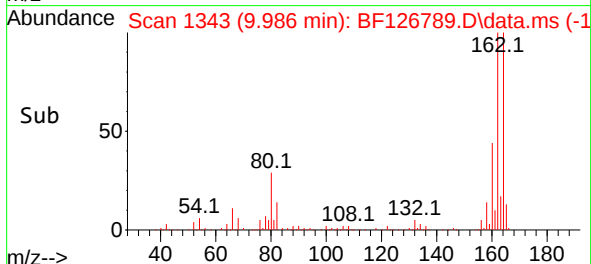
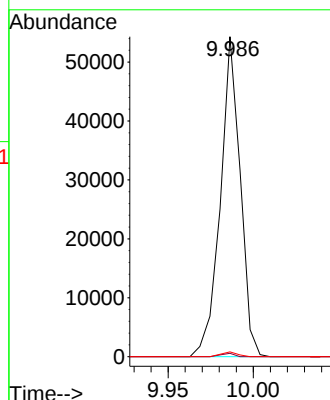
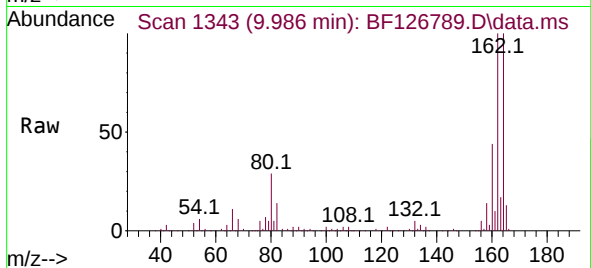
Tgt Ion:165 Resp: 43976

Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.5 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.734 ng

RT: 9.986 min Scan# 1343

Delta R.T. -0.188 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

Tgt Ion:165 Resp: 43976

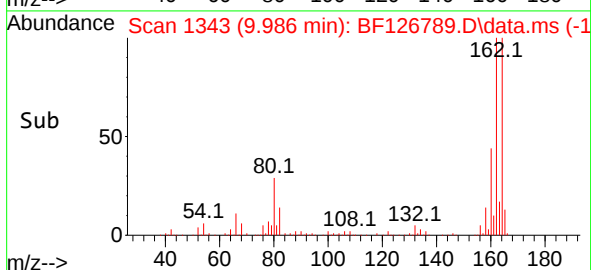
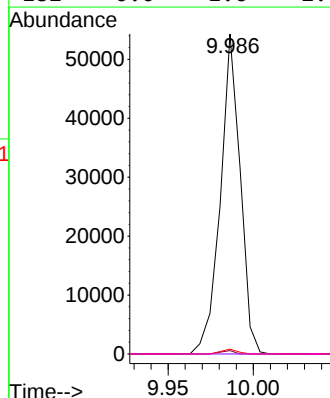
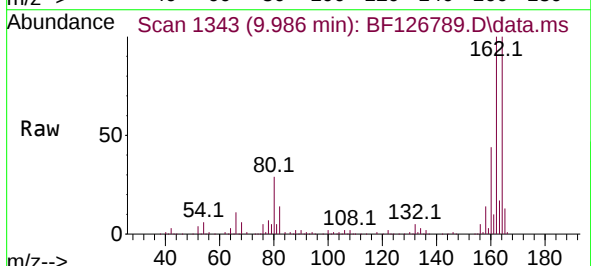
Ion Ratio Lower Upper

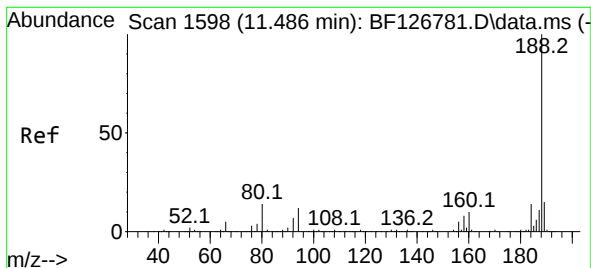
165 100

63 1.0 43.0 64.6#

89 1.5 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.480 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

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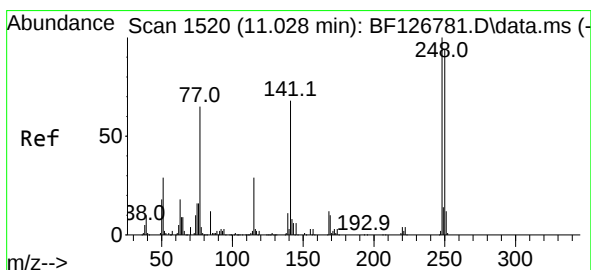
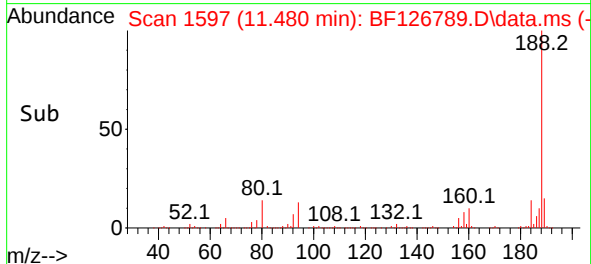
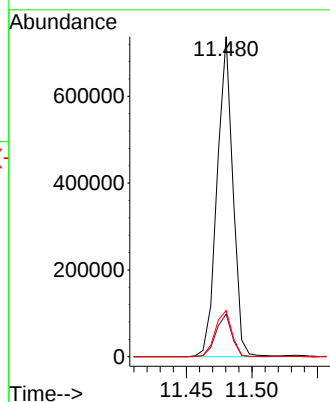
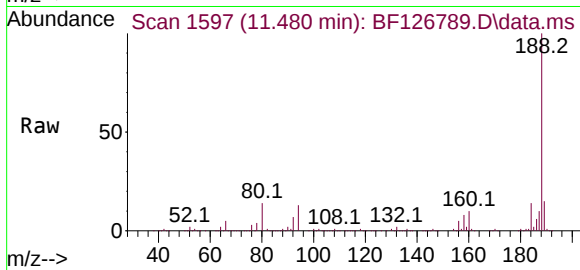
Tgt Ion:188 Resp: 615464

Ion Ratio Lower Upper

188 100

94 13.3 10.1 15.1

80 14.5 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.872 ng

RT: 10.780 min Scan# 1478

Delta R.T. -0.247 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

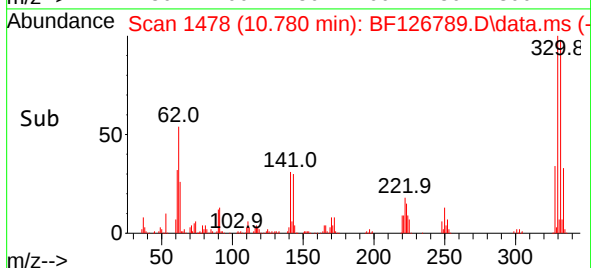
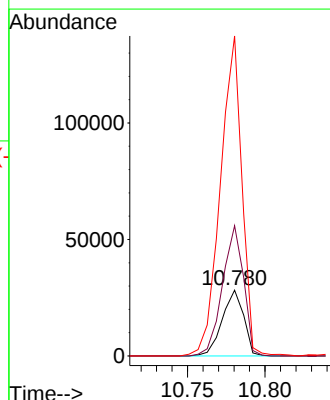
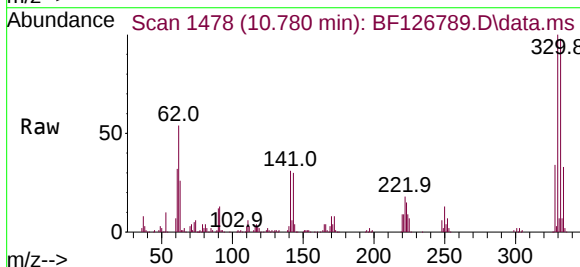
Tgt Ion:248 Resp: 27274

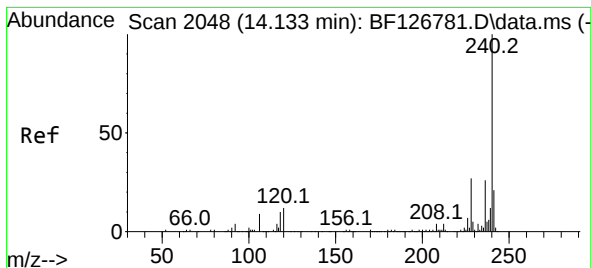
Ion Ratio Lower Upper

248 100

250 198.2 76.2 114.4#

141 486.8 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

Instrument :

BNA_F

ClientSampleId :

PB142428BL

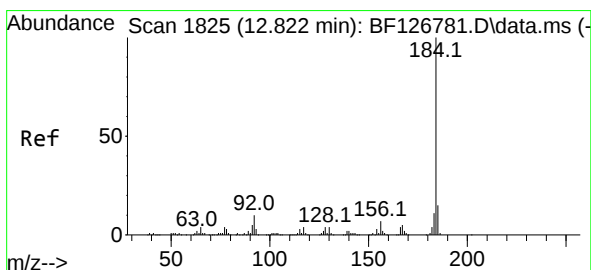
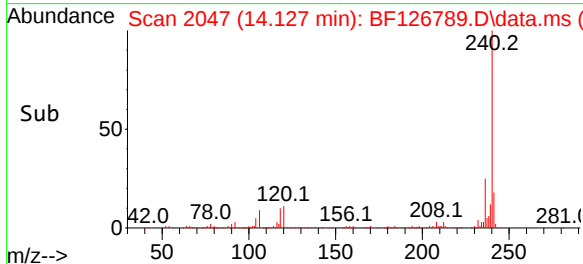
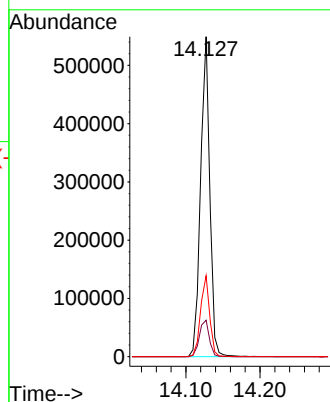
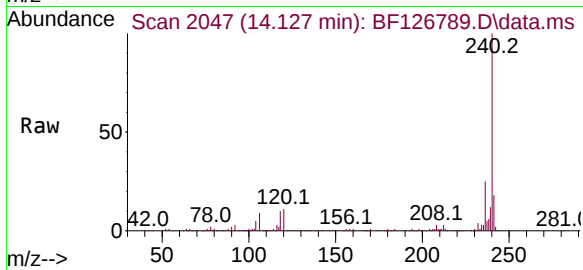
Tgt Ion:240 Resp: 471245

Ion Ratio Lower Upper

240 100

120 11.4 14.4 21.6#

236 25.3 20.5 30.7



#77

Benzidine

Concen: 2.375 ng

RT: 13.074 min Scan# 1868

Delta R.T. 0.253 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

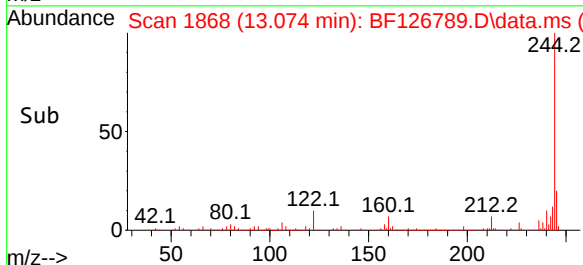
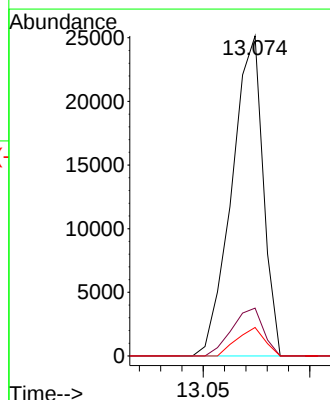
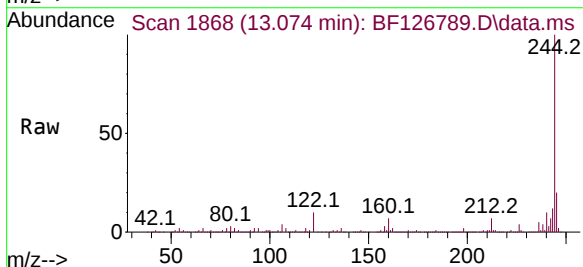
Tgt Ion:184 Resp: 25675

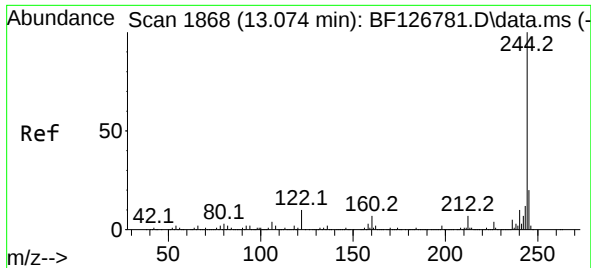
Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

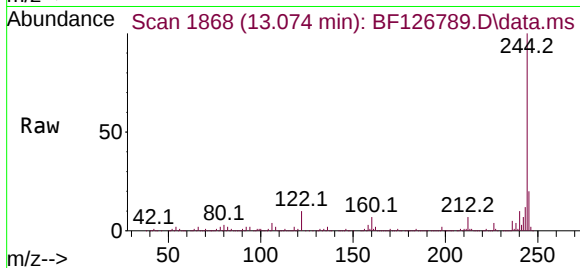
183 8.9 8.2 12.2



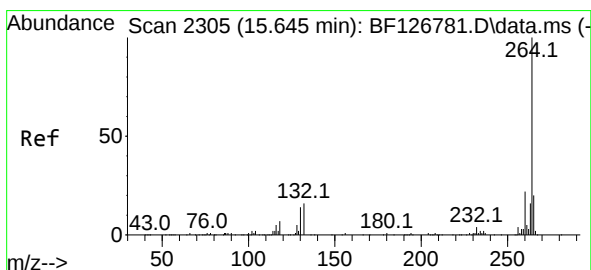
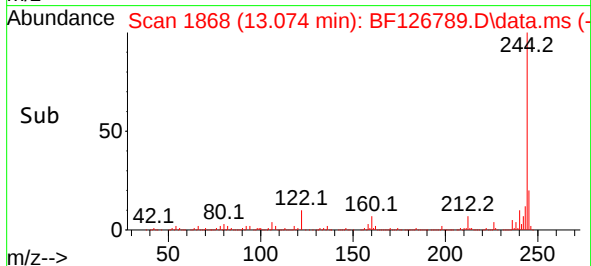
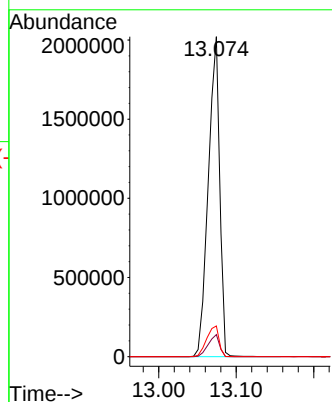


#79
 Terphenyl-d14
 Concen: 73.200 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126789.D
 Acq: 03 Feb 2022 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB142428BL



Tgt Ion:244 Resp: 2062080
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 9.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126789.D
 Acq: 03 Feb 2022 10:00

Tgt Ion:264 Resp: 326174
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 17.4 26.2

